Derivation of the Contributing Emissions Score

Michael Rizzo
OAQPS, AQAD, AQAG

Neil Frank
OAQPS, AQAD, AQAG

August 20, 2008

Contents

1 Introduction 2

2 Overview 4

3 Limitations 9

4 Derivation of the Contributing Emissions Score 11

4.1 Steps to Calculate the Contributing Emissions Score . 11

4.2 Typical Results 15

5 Methodology Details 16

5.1 Identify Counties with Violating Monitors 16

5.2 Seasonality of High $PM_{2.5}$ Concentrations 17

5.3 Emissions 18

5.4 $PM_{2.5}$ Composition 24

5.5 Urban Increment 25

5.6 Trajectory Weighting 38

5.7 Distance Weighting 43

5.8 Contributing Emissions Score Calculation 44

1 Introduction

This document describes EPA methodology for calculating the Contributing Emissions Score (CES), a metric used to help identify counties that are potentially contributing to violations of the 2006 24-hour national ambient air quality standards (NAAQS) for fine particles ($PM_{2.5}$). The CES is a tool EPA used in conjunction with the factors recommended by EPA guidance to assess the contribution, if any, of a given area to the ambient air quality of a nearby area not meeting the 2006 24-hour $PM_{2.5}$ NAAQS [1]. The CES results help to determine an appropriate potential nonattainment area boundary for the area that should be designated nonattainment for the 24-hour NAAQS. It expands on the methodology previously used for calculating the Weighted Emissions Score (WES), which EPA developed to help inform decisions about nearby contributing areas for the $PM_{2.5}$ NAAQS during the nonattainment area designation process completed in 2004 [2]. That process addressed areas violating the 1997 annual $PM_{2.5}$ NAAQS. The CES is just one piece of information considered by EPA in the analysis for evaluating $PM_{2.5}$ nonattainment areas for the 2006 24-hour $PM_{2.5}$ NAAQS.

For the 24-hour $PM_{2.5}$ designation process, the CES incorporates additional information that was not included in the WES calculation reflecting differences between an annual versus a 24-hour standard. It specifically considers the influence of emissions and meteorology on days with high 24-hour fine particle concentrations, and incorporates the seasonal composition of

fine particle mass and source receptor distance relationships.† The latter information is relevant for a 24-hour standard, for which individual days affect attainment status, unlike an annual standard. The CES estimates the effect of pollutant transport with a method similar to the Weighted Emissions Potential (WEP) [4] and the Emission Impact Potential (EIP) [5]. These daily $PM_{2.5}$ assessment techniques, developed by non-EPA authors, use wind trajectories and distance to better characterize the potential impact of nearby areas. It is important to note that the CES represents a very generalized approach and has been implemented as such across the country using only county level data for consistency purposes. For this reason, EPA recognizes that if more refined or updated data exist for a specific area (e.g., higher resolved meteorologic data or more recent emissions data), State and Local agencies have the opportunity to provide that information to EPA for the revision of the Contributing Emissions Scores with improved information for purposes of the final designations as appropriate.

This document is organized with an overview of the CES and its rationale, the limitations of the technique in relation to its use in conjunction with the nine factor analysis, a brief description listing the steps used to compute the CES, and a much more detailed description of the computations involved for each step.

†These concepts were originally presented to an audience of representatives from USEPA, State and Local environmental agencies at the $PM_{2.5}$ Implementation Program and the Area Designation Process for the 2006 $PM_{2.5}$ Standards workshop in Chicago, IL ([3]).

2 Overview

In the real world, the contribution linkage between $PM_{2.5}$ NAAQS violations in one county and the emission sources in surrounding counties is very complex. The CES method is intended to be a reasonably realistic model of the actual processes that affect the contribution linkage between a monitored violation in a violating county and emission sources in a nearby potentially contributing county. Because it is necessary for the method to be executed for all violating counties and their surrounding counties to assess nonattainment across the country, only data types that were available for all such areas could be used. The following overview of the technique will describe the rationale used to account for these complexities in deriving the CES.

Because the 24-hour $PM_{2.5}$ standard focuses on a subset of high days instead of all days across the span of a year, the CES method places primary emphasis on characterizing those days when ambient $PM_{2.5}$ concentrations are near or exceed the standard. A $PM_{2.5}$ NAAQS violation is based on the average of three annual 98th percentile 24-hour concentrations. The 98th percentile can range from the highest value down to approximately the 8th highest value depending on the monitoring schedule at a monitor which can be every day, every third day, or every sixth day. While the concentration values on the 98th percentile days contribute to the actual design value, high concentrations days and the contributions of emissions sources to those concentrations should also be considered as part of determining violations. The

CES examines all days in an area that are above the 95th percentile or the level of the NAAQS, whichever is lower. This approach allows for a larger sampling of days in a violating area to be analyzed and, therefore, gives more robust results.

Because ambient $PM_{2.5}$ is a mixture of particles with different chemical "species", and the mix can vary from day to day, only the emission sources of a given pollutant can be responsible, in the aggregate, for the concentration of that species in the air. Moreover, a ton emitted of one pollutant does not produce the same effect on the ambient concentration as a ton emitted of another pollutant because transport and transformation processes are different for different precursors. Thus, the contribution of a county to a violation in another county depends not just on how much is emitted in total, but also how much of each precursor that is emitted. The CES accounts for this by apportioning ambient concentrations of each chemical species only to emission sources of that species.

Because the mixture $PM_{2.5}$ particles can be notably different in different seasons, due both to emission patterns such as wood heating stoves operating only in cooler months and to seasonal weather differences, the CES classifies the high day data into cool and warm seasons and treats these seasons completely independently. Furthermore, the CES utilizes the seasonal difference in the $PM_{2.5}$ composition to identify emissions most likely to contribute to a high day concentration. Collocated or nearby $PM_{2.5}$ chemical

speciation data provide estimates of the $PM_{2.5}$ composition on the high days and classified into four pollutant categories: sulfate, nitrate, crustal, and carbonaceous mass. The four constituents are used, in part, to account for $PM_{2.5}$ captured by a violating monitor coming from well outside the immediate metropolitan area, such that none of the nearby counties are responsible for it. This "regional" contribution, while a real part of the nonattainment problem that must be addressed, should not form the basis for designation of counties because only nearby contributing areas are included in designated nonattainment areas. The CES takes this into account by dividing the total $PM_{2.5}$ and four major chemical component values at the violating monitoring site into a regional portion and an "urban increment" portion. This urban increment is based on how much higher the violating monitors concentrations are compared to surrounding monitors which are primarily influenced by the regional emission sources. Only the urban increment is then used to assess the contribution of the nearby counties. This urban excess is evaluated for each chemical species in the $PM_{2.5}$, to account for the fact that the relative importance of regional and local sources can vary by species and season.

In addition to the estimated urban increment, the CES also considers the frequency of air masses passing over a contributing area on their way to the violating monitor as well as the distance that those emissions traversed. Accounting for wind patterns is particularly important because for a 24-hour standard on high days, wind patterns may differ, with the wind on

some days linking county A to the violation in county B, but on other days not. Even within a day, varying winds may cause a contribution in some hours but not others. The CES captures and reflects this complexity through the use of wind trajectories. Trajectories are generated and considered for the actual days with high $PM_{2.5}$ concentrations in the violating counties. These trajectories, and the manner they are built into the CES score for a potentially contributing county, take into account when and how often the wind pattern creates the possibility of a contribution including both the path of the wind and the wind speed. For example, if the wind speed is high, a parcel of initially clean air has less time to pick up pollutants from the sources in a county than if the parcel moves slowly over the county. The trajectory approach is complimented by a distance factor to improve its realism. The distance factor accounts for the fact that the more time and distance there is between when an air parcel has been polluted by sources in a nearby county and when the parcel arrives at the violating monitoring site, the more dilution (in-mixing) there will have been by surrounding air that was not affected by those sources.

The CES method normalizes some set of resulting quantitative values derived in a step for each of the counties in a metropolitan area or for each $PM_{2.5}$ species by dividing each individual value by the sum of the values. These normalization steps were done so that the final results were scaled to a standard frame of reference. These normalization steps have no effect

on the ranking of potentially contributing counties within an area or on the relative final CES scores of counties within an area.

As with the WES, the CES serves as a tool to consider information from several of the factors recommended by EPA to evaluate ambient monitoring, emissions, meteorology, topography, population and urbanization, traffic and commuting patterns, urban growth, current emissions controls, and existing political and other boundaries. The CES was consistently applied across the entire country for all areas with 24-hour $PM_{2.5}$ concentrations violating the NAAQS except Alaska. The CES was not calculated for areas in Alaska because of the lack of necessary meteorological data to compute the score in that State.

3 Limitations

Because of differences in county size and topography across the county, the CES may require careful interpretation for some areas, particularly in the western United States. The CES methodology uses county-based emissions inventories and assumes that the emissions are distributed uniformly throughout the county. This can be inaccurate in counties with isolated densely populated areas or large rural areas. The score is also only as accurate as the underlying emission estimates. For example, not having accurate estimates of wood burning emissions could cause counties with high actual total carbon emissions to appear relatively more or less important than they actually are. Topography also affects the CES outcome. For example, mountain ranges can act as barriers to transported emissions as well as potentially limiting the size of the region considered when calculating the urban increment. The CES cannot adequately account for the effects of mountainous terrain which would essentially split a county into different parts, each having their own potentially unique effect on the violating county. A more in-depth discussion of these limitations is contained within the "Methodology Details" section of this document. These potential deficiencies can be overcome on an area-by-area basis by using supplemental information, such as population density, commuting patterns, more detailed or localized weather data, and topography data. For some areas, particularly in the western U.S., interpretation of data relevant to EPA's recommended factors can lead to a more

logical conclusion than is suggested exclusively by the CES. For example, the consideration of topographic information and more localized emissions information can suggest that only a part of a larger county is appropriate to include within the nonattainment area.

4 Derivation of the Contributing Emissions Score

4.1 Steps to Calculate the Contributing Emissions Score

The following description lists the steps used to derive the CES. A more detailed methodological description including the rationale for each step follows in Section 5. A reference to the more detailed relevant subsection for each step follows the brief description given below.

1. ***Identify counties with violating monitors in an area.*** (Section 5.1)

2. ***For violating monitors, identify site days with high $PM_{2.5}$ concentrations.*** (Section 5.2)

   - A site day is identified if the measured $PM_{2.5}$ concentration is greater than the average of the annual 95th percentile concentrations over three years at the highest site within an area, or is greater than 35.1 μg/m^3 whichever is lower.
     - Some high days may have monitored concentrations lower than the level of the standard.
   - Split the days into 2 seasons (sometimes only one is relevant for an area).
     - Cold (Jan-Apr, Oct-Dec) and Warm (May-Sept)

3. ***Calculate total emissions by pollutant.*** (Section 5.3)

   - Sum county emissions into four bins corresponding to the primary pollutants comprising the total $PM_{2.5}$ concentration.
     - Total Carbon, which represents the $PM_{2.5}$ organic carbon (OC) and elemental carbon (EC) mass fractions
     - Sulfur dioxide (SO_2), which is the primary precursor to the formation of particulate sulfate
     - Nitrogen oxides (NO_x), which is the primary precursor to the formation of particulate nitrate
     - Other direct $PM_{2.5}$, referred to here as crustal material

4. ***For each county, calculate its seasonal pollutant emissions (carbon, SO_2, NO_x, other direct $PM_{2.5}$) relative to the total seasonal emissions by pollutant in the Core Base Statistical Area (CBSA) or Combined Statistical Area (CSA) which ever is larger.*** (Section 5.3)

   - This makes the individual county level emissions relative to the total emissions from the metropolitan area.

5. ***Calculate "urban increment" to identify the non-regional contribution of $PM_{2.5}$ on high days by season.*** (Sections 5.4 and 5.5)

- This step addresses the difference in $PM_{2.5}$ levels and composition between the urban site and the average of other urban and rural sites up to 150 miles away (see Section 5.5). As example results, Figure 1 and Table 1 show the increments for a site in Milwaukee, WI. The average $PM_{2.5}$ concentration at the site in Milwaukee on 6 high days during the warm season was 33.7 $\mu g/m^3$. There was a total $PM_{2.5}$ urban increment of 4 $\mu g/m^3$, with 2.2 $\mu g/m^3$ being sulfate, 1.4 $\mu g/m^3$ being total carbon, and 0.4 $\mu g/m^3$ being crustal material. Likewise for the cold season, over a total of 8 high days, the average $PM_{2.5}$ concentration was 35.1 $\mu g/m^3$, with a total $PM_{2.5}$ urban increment of 6.3 $\mu g/m^3$, consisting of 3.1 $\mu g/m^3$ of nitrate, 2.0 $\mu g/m^3$ of total carbon, 0.6 $\mu g/m^3$ of sulfate, and 0.6 $\mu g/m^3$ of crustal material.

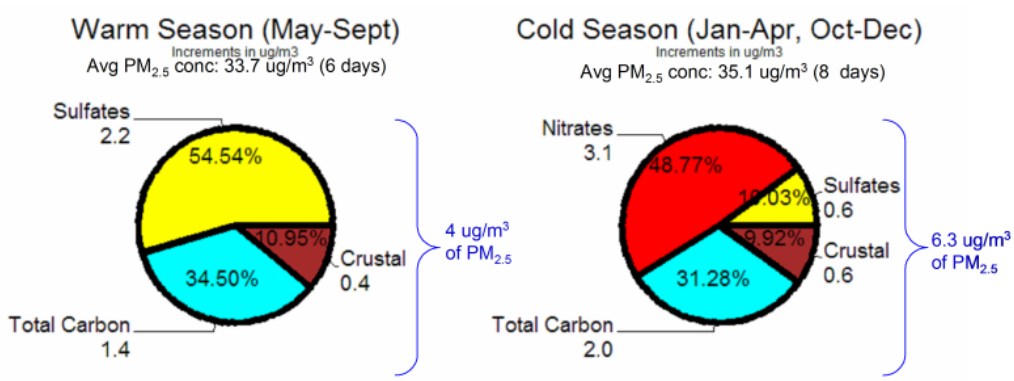


Figure 1: Example of Urban Increment for a site within Milwaukee, WI

Table 1: Urban Increments for a site within Milwaukee, WI

	Season	
Pollutant	Warm	Cold
Sulfate	2.2 μg/m^3 (54.54%)	0.6 μg/m^3 (10.03%)
Nitrate	0 μg/m^3 (0.0%)	3.1 μg/m^3 (48.77%)
Total Carbon	1.4 μg/m^3 (34.50%)	2.0 μg/m^3 (31.28%)
Crustal	0.4 μg/m^3 (10.95%)	0.6 μg/m^3 (9.92%)

6. ***For each county, multiply the relative emissions of each pollutant category (from step 4) by the urban increment of the associated $PM_{2.5}$ component.*** (Section 5.8)

   - For example, multiply SO_2 emissions by sulfate increment.

7. ***Conduct back trajectory analyses for each violating county for each of the high $PM_{2.5}$ days.*** (Section 5.6)

   - This step identifies the frequency of air passing over nearby counties on high $PM_{2.5}$ days on their way to the violating site.

8. ***Multiply urban increment weighted relative emissions (from step 6) by trajectory frequencies (from step 7) for each county.*** (Section 5.8)

9. ***For each county, multiply trajectory-weighted emissions of each pollutant (from step 8) by a distance factor.*** (Section 5.7)

    - The distance factor evaluates the distance pollutants have to travel to reach the violating county and reflects the dispersion that occurs during transport.

10. ***For the final CES for each county, sum the four pollutant category scores.*** (Section 5.8)

11. ***Run the steps above to assess potential contributions from every nearby county to each violating county in an area.*** (Section 5.8)

    - If there is more than one violating county in an area and, thus, multiple Contributing Emissions Scores for each county, use the maximum score for each county.

4.2 Typical Results

The final CES results showed that contributing county scores usually fell to nearly zero within one to two rings of counties outside the CBSA/CSA. In some cases, particularly in the Midwest and East where large cities are clustered near one another, the scores usually fell to zero 3 rings or more from the CBSA/CSA.

5 Methodology Details

The CES for the 24-hr $PM_{2.5}$ NAAQS is based on characterizing air quality in terms of several components: high seasonal $PM_{2.5}$ days, seasonal and urban $PM_{2.5}$ composition, emissions, meteorology, and particle dispersion with increasing distance. Each component of the score is represented by a weight applied to the county level emissions to better characterize the relative influence of surrounding counties on the violating area. The individual scoring components and the method for aggregating them into a final score is discussed below in more detail.

5.1 Identify Counties with Violating Monitors

Design values for an individual metropolitan area's monitoring sites were calculated according to 40 CFR part 50 Appendix N. Counties with sites having design values greater than the level of the NAAQS were considered to be violating counties.

5.2 Seasonality of High $PM_{2.5}$ Concentrations

Because measured $PM_{2.5}$ concentrations and chemical constituents vary by season primarily due to meteorological variability and seasonal emission sources, the data were divided into two seasons: warm and cold. The warm season consisted of the months of May through September, while the cold season consisted of the months of January through April and October through December. Splitting the data into seasons recognizes the fact that higher concentrations of sulfate are usually seen during the summer months, while higher nitrate levels are usually more prevalent during the winter months, often through the month of April. Carbon concentrations also vary seasonally based on location. A major influence on a county's emissions that affect the score is the number of high $PM_{2.5}$ days that occur in each season.

The seasonal $PM_{2.5}$ data define the importance of each season, the chemical composition on high days, and the nearby urban portion of $PM_{2.5}$ on those days. Each becomes a weighting factor to identify the important nearby influencing emissions.

The particular high $PM_{2.5}$ days for these assessments were derived using the following methodology. The ambient $PM_{2.5}$ measurements from the maximum violating site within a county were used to determine a criterion level to identify days with high concentrations across the span of a calendar year. Three years of data, from 2004 to 2006, were used to calculate an average

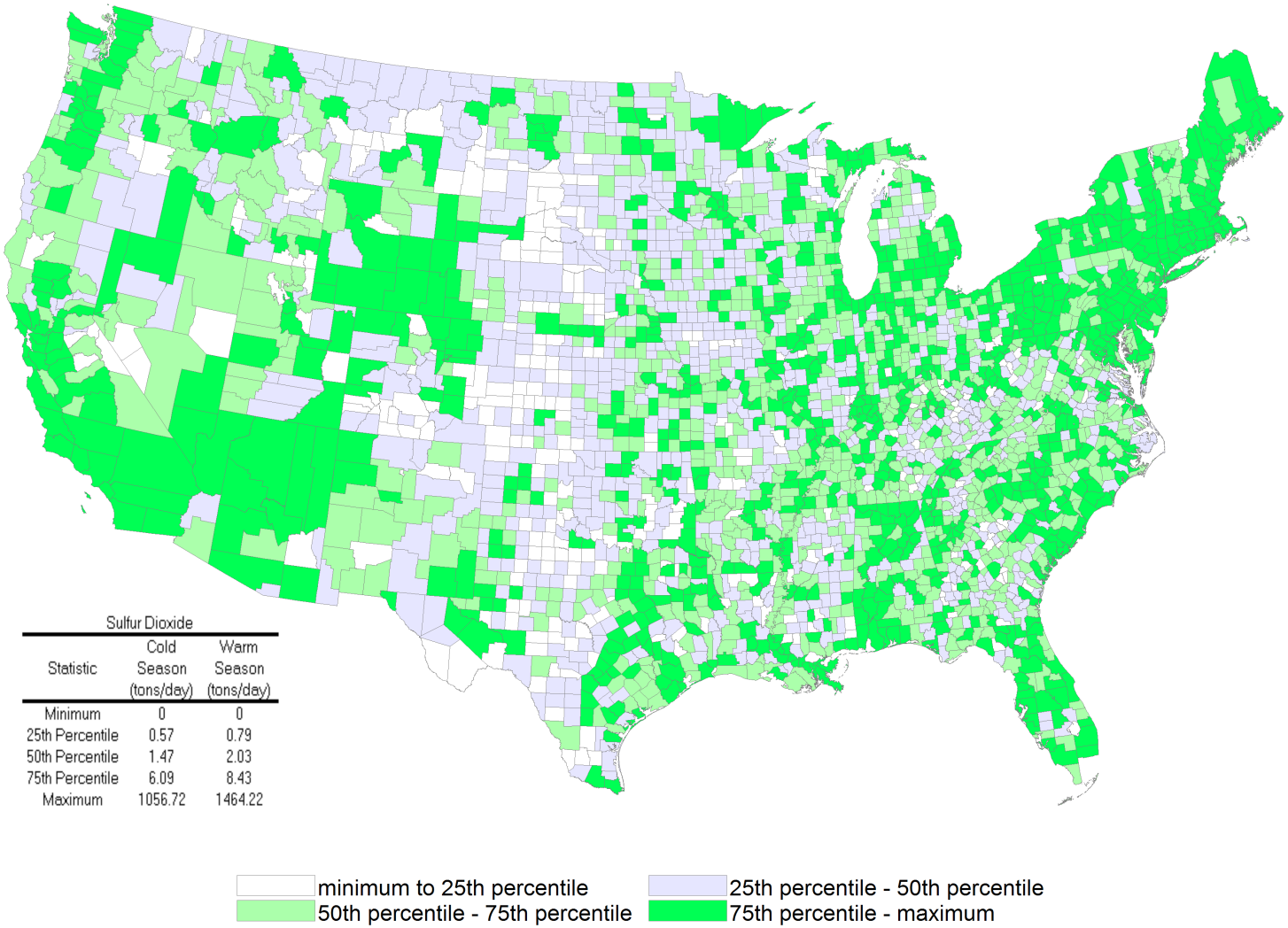
of the 95th percentiles for each year at the highest violating monitor within a county. The resulting value was then compared to 35.1 μg/m^3 which is one unit larger than the level of the standard when considering the reported precision of the $PM_{2.5}$ Federal Reference Method (FRM) measurement. The smaller of either the average 95th percentile or 35.1 μg/m^3 was used as the criterion to identify the higher days. This criterion assured that no concentrations greater than the standard were ignored and also allowed for the consideration of some concentrations on "high" days that were less than the standard in areas where concentrations just violate the NAAQS.

5.3 Emissions

Emissions estimates for the two seasons were constructed from monthly county level values and all source categories from the 2005 National Emissions Inventory (NEI), Version 1 [6] for four of the pollutants which contribute to ambient fine particulate matter concentrations: sulfur dioxide, nitrogen oxides, crustal material and total carbon (elemental and organic). For simplification, it was assumed that ammonia emissions were associated with the formation of ammonium nitrate through reactions with NO_x and ammonium sulfate through reactions with SO_2, and thus, were not included separately in the analysis. Similarly, some volatile organic compounds are recognized as precursors to secondary aerosol formation, and others participate in the formation of ozone which is an important element in the oxidation of sulfur and nitrogen oxides and related atmospheric chemistry processes. However,

because of the lack of knowledge of the VOC chemistry involved in forming secondary organic particles and the uncertainty about what proportion of VOC emissions in a particular county might participate in PM formation most directly, VOCs also were not included in the analysis. For each county across the country, the seasonal emission estimate totals for the four pollutants were then divided by the respective number of days per season to give seasonal daily estimates (Figures 2-5). The emissions data including the number of high days per season for each area that the CES was computed for are contained in Table A-1 in Appendix 1. High SO_2 emissions are generally seen across the northeast and scattered across the midwest, southeast and southwest. Emissions of NO_x follow a similar pattern as SO_2 except more western areas have high NO_x emissions. Crustal material emissions are predominantly seen in the western and central United States. The western U.S. generally has higher total carbon emissions followed by the northeastern and southern United States.

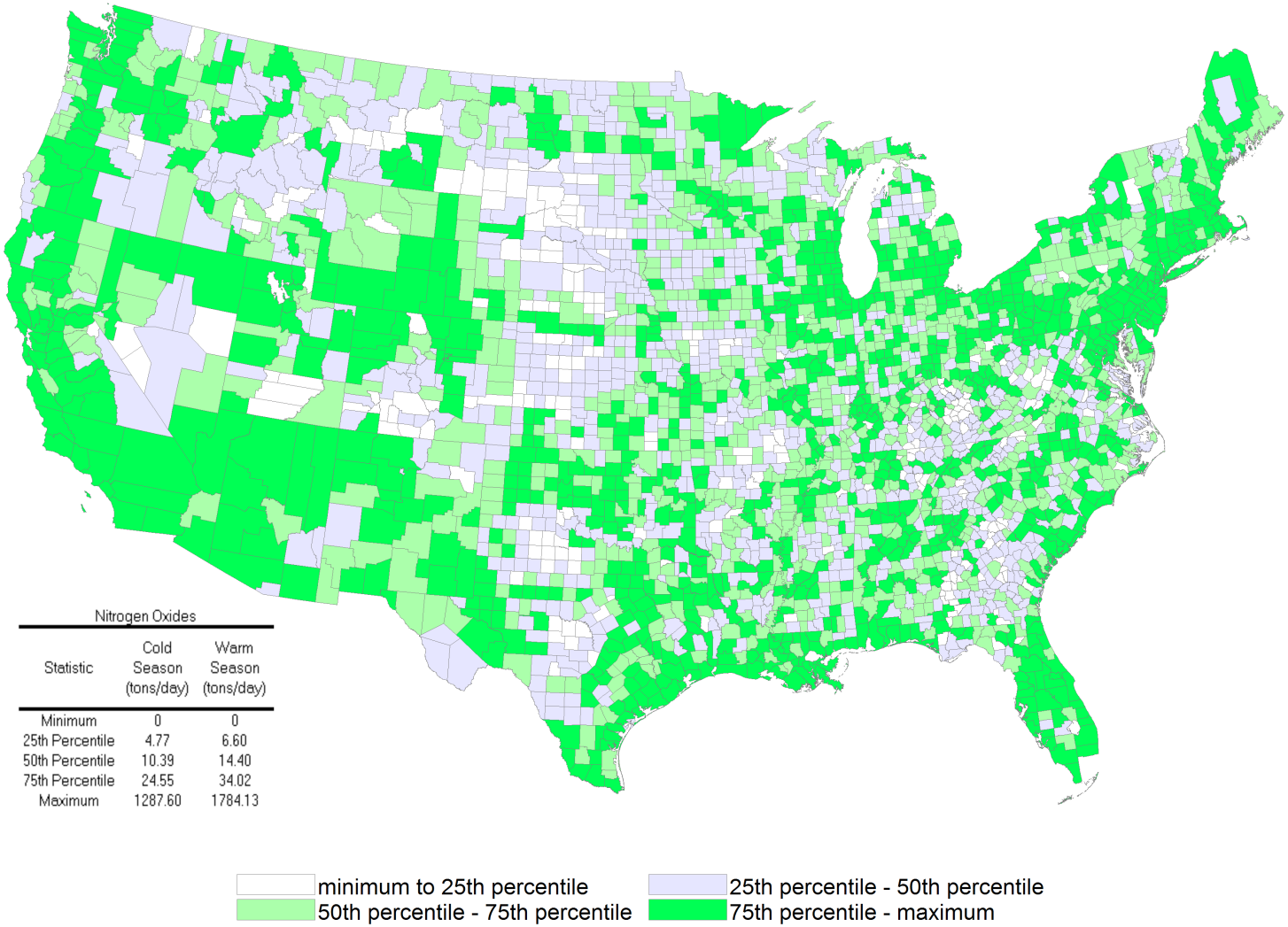
The number of "high" days by season in each violating county was then multiplied by the seasonal daily emissions estimates for each nearby contributing county to give total county seasonal emissions for only the "high" days experienced in the violating county. Emissions estimates were then normalized by the total emissions from the CBSA/CSA being analyzed to create relative emissions estimates from a specific county to the violating area.



Sulfur Dioxide

Statistic	Cold Season (tons/day)	Warm Season (tons/day)
Minimum	0	0
25th Percentile	0.57	0.79
50th Percentile	1.47	2.03
75th Percentile	6.09	8.43
Maximum	1056.72	1464.22

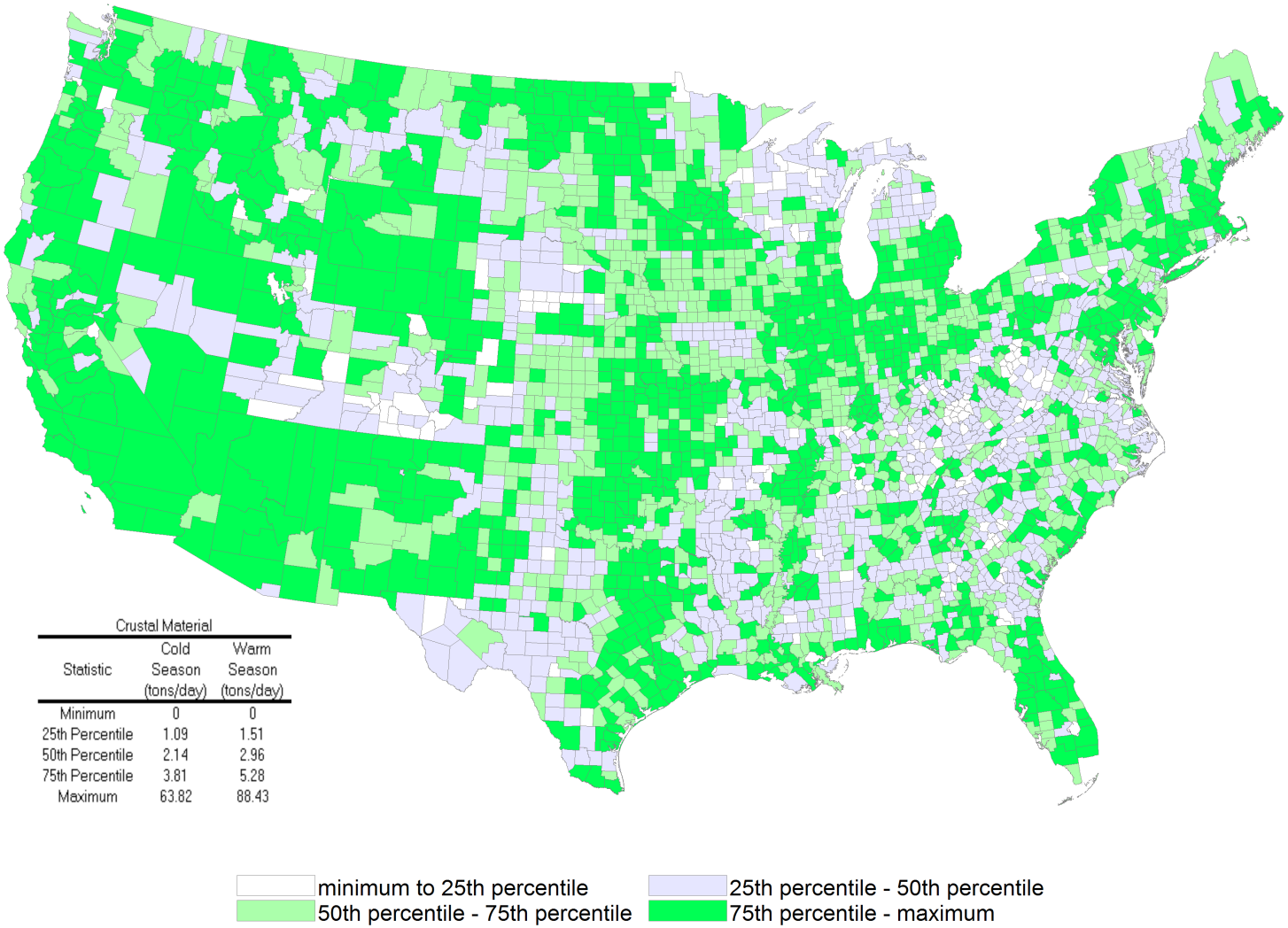
Figure 2: Sulfur Dioxide seasonal emissions by county



Nitrogen Oxides

Statistic	Cold Season (tons/day)	Warm Season (tons/day)
Minimum	0	0
25th Percentile	4.77	6.60
50th Percentile	10.39	14.40
75th Percentile	24.55	34.02
Maximum	1287.60	1784.13

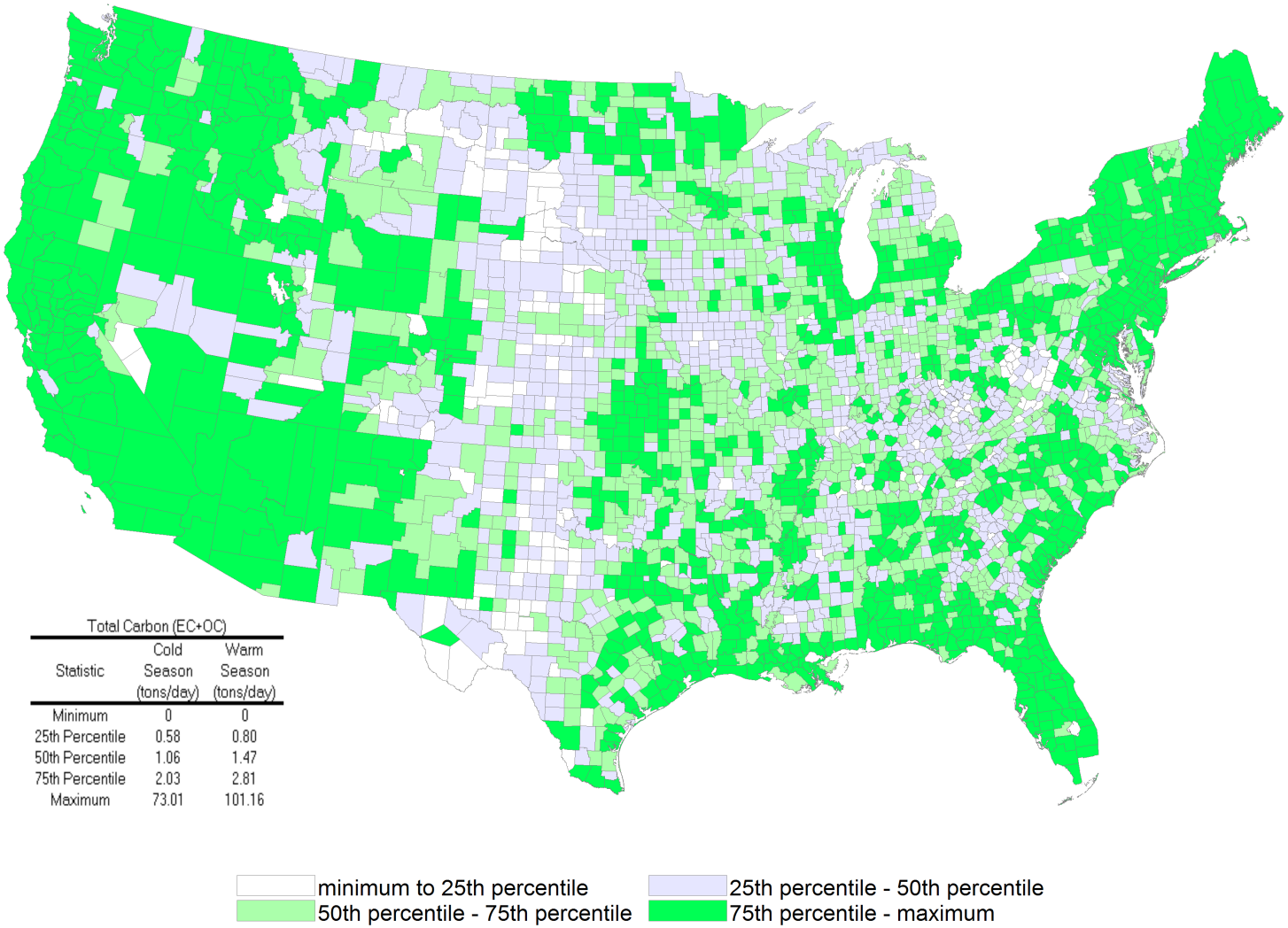
Figure 3: Nitrogen Oxides seasonal emissions by county



Crustal Material

Statistic	Cold Season (tons/day)	Warm Season (tons/day)
Minimum	0	0
25th Percentile	1.09	1.51
50th Percentile	2.14	2.96
75th Percentile	3.81	5.28
Maximum	63.82	88.43

Figure 4: Crustal Material seasonal emissions by county



Total Carbon (EC+OC)

Statistic	Cold Season (tons/day)	Warm Season (tons/day)
Minimum	0	0
25th Percentile	0.58	0.80
50th Percentile	1.06	1.47
75th Percentile	2.03	2.81
Maximum	73.01	101.16

Figure 5: Total Carbon seasonal emissions by county

5.4 $PM_{2.5}$ Composition

Four major components were used to characterize total ambient $PM_{2.5}$: sulfate, nitrate, carbonaceous material, and crustal matter. To estimate chemical composition, fine particulate speciation data were adjusted using the measured Sulfate, Adjusted Nitrate, Derived Water, Inferred Carbonaceous mass Hybrid material balance (SANDWICH) algorithm ([7], [8]) to estimate $PM_{2.5}$ component concentrations as they might be measured by the $PM_{2.5}$ Federal Reference Method. These estimates can be different than the data provided directly by the EPA's Chemical Speciation Network (CSN) measurements. SANDWICH provides estimates for adjusted nitrate to reflect the lower than measured amount of nitrate ion retained on FRM filters and derived water which is a mass enhancement of sulfate, ammonium and adjusted nitrate. Also provided are the inferred carbonaceous mass (also denoted as organic and total carbon by material balance) and a revised estimate of crustal which is based on silicon, calcium, iron and titanium. Using inferred carbon has advantages over using measured carbon because it avoids the need to estimate sampling artifacts and factors which estimate the amount of mass associated with different carbon compounds [7]. The seasonally averaged Interagency Monitoring of Protected Visual Environments (IMPROVE) and SANDWICH adjusted CSN data are contained in Table A-2 in Appendix 1.

5.5 Urban Increment

Fine particulate concentrations are affected by both regional and local sources. Regional sources are sources that contribute to concentrations that are consistent over larger geographic areas, while local sources contribute $PM_{2.5}$ in addition to the regional contribution over a smaller area. The urban increment (UI) reflects the portion of the total $PM_{2.5}$ concentration attributable to nearby urban sources. In computing the CES, the fractional chemical composition of the UI is used to weight the four pollutants from the emissions inventory to reflect relative seasonal contributions within the violating area. For the peak 24-hour $PM_{2.5}$ evaluations, the UI was calculated for a subset of "high" days for every violating monitoring site across the country. The data used were the top 5% of days from each CSN site from 2004 through 2005 for the warm and cold seasons. The UI estimates were developed by comparing the total urban composition with nearby IMPROVE and CSN locations which were used to estimate the regional background. Only ambient $PM_{2.5}$ composition data from 2004 and 2005 were used to calculate the urban increment because 2006 IMPROVE data were not available at the time the calculations were done.

To identify the representative background concentration, only those nearest neighboring monitoring speciation sites to each CSN monitoring site within a 150 mile radius were included to estimate the nearby regional background concentrations. A radius of 150 miles was chosen because EPA be-

lieves this provided a reasonable set of monitoring locations to estimate the regional influence. These neighboring sites were limited to IMPROVE (rural) monitoring locations and CSN sites located within areas of lower population density. The average sulfate, nitrate, crustal material and total carbon concentrations from these "neighboring" monitoring sites were calculated to represent the average regional background. The sites used to estimate the regional background at each CSN site listed in Table A-3 in Appendix 1.

The difference between the total urban concentration of each $PM_{2.5}$ component and the regional background value of the same component is the estimated urban increment for that component. This is calculated separately for each of the four species. As indicated previously, these estimates are based on SANDWICH calculations. For nitrate, the increment was initially developed using the difference between the measured nitrate urban and regional values and was then scaled up to hydrated ammonium nitrate based on the SANDWICH calculations. The final UI was next reduced according the ratio of reduced urban nitrate (from SANDWICH) to the measured urban value to reflect losses of ammonium nitrate from the FRM filter. For all constituents, any negative increments were assigned a value of zero. This procedure was performed for each of the "high" days and then averaged by season. A total seasonal urban increment was calculated and the fraction of each species' increment was derived by dividing the individual increments by the total.

The pollutant specific seasonal urban increments are listed in Table A-4 in Appendix 1.

The fractional values were used as weights to adjust the seasonal emissions estimates. These adjustments were made to take into account the relative influence of an emission category (both precursors and directly emitted particles) by season. When a particular species increment is positive, it is evidence of nearby influence of the associated emitted pollutants. This may occur for any chemical constituent. However, the relative magnitude of the total concentration to the regional background is also important. If the total and regional values are both low, which is common for crustal material, then the increment and the relative importance of the associated emissions will also be low. Such can also be the case for nitrate and the associated NO_x during the warm season because few nitrate particles form in the atmosphere and are retained during FRM sampling. During the warm season, NO_x will generally be a very minor component of measured $PM_{2.5}$. When the increment is high, then that pollutant category will be more important. A high carbon increment demonstrates large nearby influence of carbonaceous emissions. For the peak 24-hour days, a high urban increment can also occur for nitrate such as in the cold season as well as sulfate which would result in applying large weights to nearby NO_x and SO_2, respectively.

When urban speciation data were not collected at the violating monitor(s), then the concentration pattern from the available $PM_{2.5}$ speciation monitors

was considered. In that event, if there were CSN sites within the CBSA/CSA with the violating monitor, the increments from those speciation sites were interpolated to the violating monitor using a weighted distance approach similar to the method used to calculate the regional background concentration. If the CBSA/CSA with the violating monitor did not have any speciation data within its borders, a set of regional default increments were used based on the average of the increment magnitudes from monitors within the Health Effects Institute (HEI) region within which the violating monitor was contained. The HEI regions (figure 6) have been used by EPA in the past to define areas with monitoring sites having fairly consistent particle characteristics such as chemical composition and trends ([9]). The origin of these regions can be traced back to EPA's 1996 PM Criteria Document ([10]). A listing by metropolitan area and violating county showing which data were used to estimate the urban increment at the highest violating site is given in Table A-5 in Appendix 1. The urban increments for each violating area are listed in Table A-6 in Appendix 1.

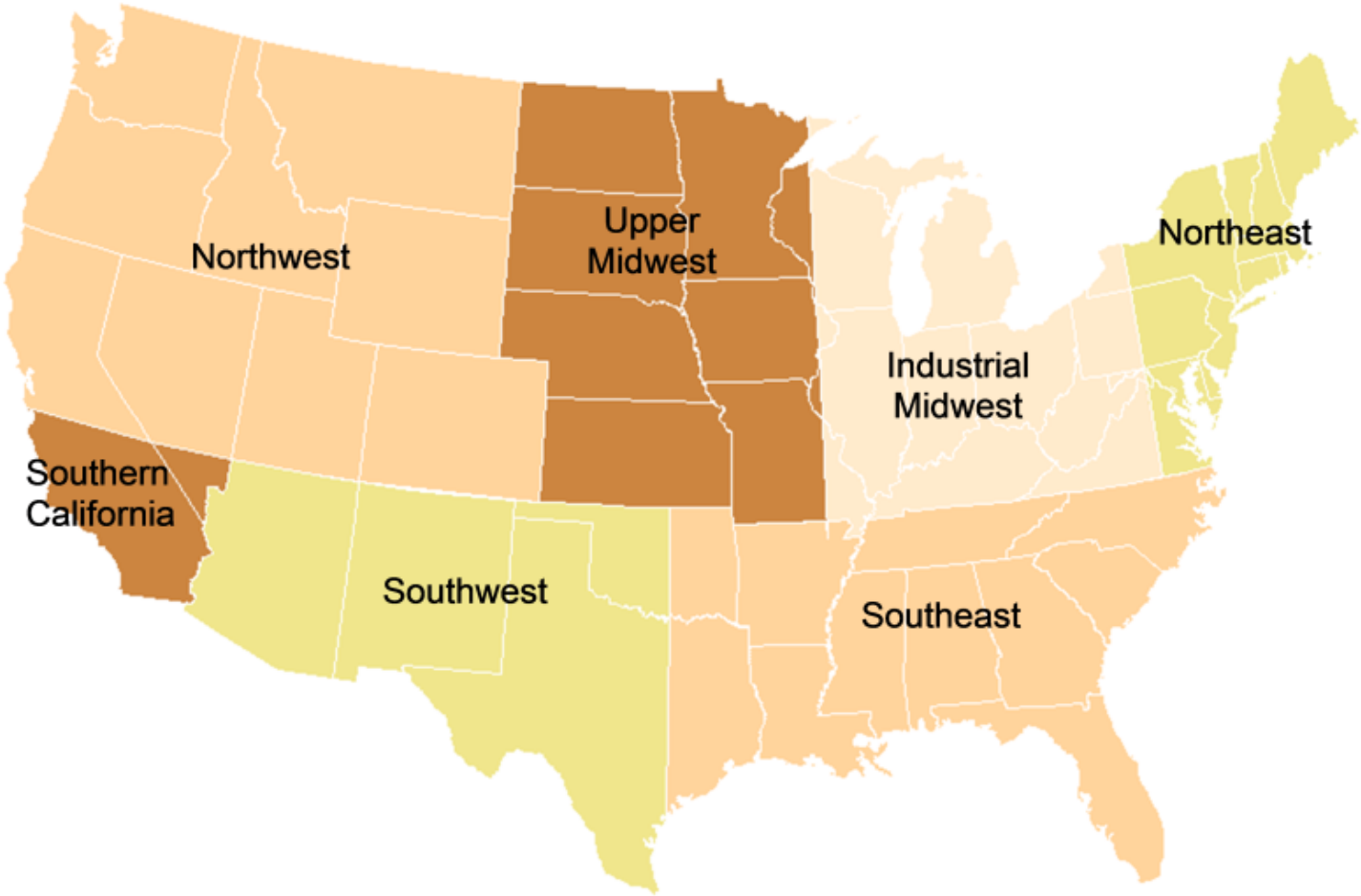


Figure 6: Map displaying Health Effects Institute regions to categorize speciation monitors

Figure 7 contains examples of annual increments calculated for a select set of cities in both the western and eastern United States. These annual average estimates with the new UI methodology are slightly different than those previously presented [11], in part because of the SANDWICH procedure, which yields higher, but more credible, sulfate mass concentrations and smaller nitrate concentrations. Seasonal high day increments for the same subset of cities are reflected in Figures 8-11. Please note that the scales are different for each chemical constituent.

Sometimes, the urban increment as derived above may not completely describe the $PM_{2.5}$ constituents from the nearby sources that are influencing the violating monitor. When the nearby area from which the regional composition values are derived is relatively small (i.e., the nearest speciation monitors within 150 miles are quite close by), the regional $PM_{2.5}$ concentrations are high and the estimated increment is small. In this case nearby regional sources may be urban-wide sources and, therefore, must also be considered in the more general 9 factor analysis when judging the location of nearby contributing emissions. For example, this can occur in urban areas where topography constrains a substantial portion of regional emissions to a valley.

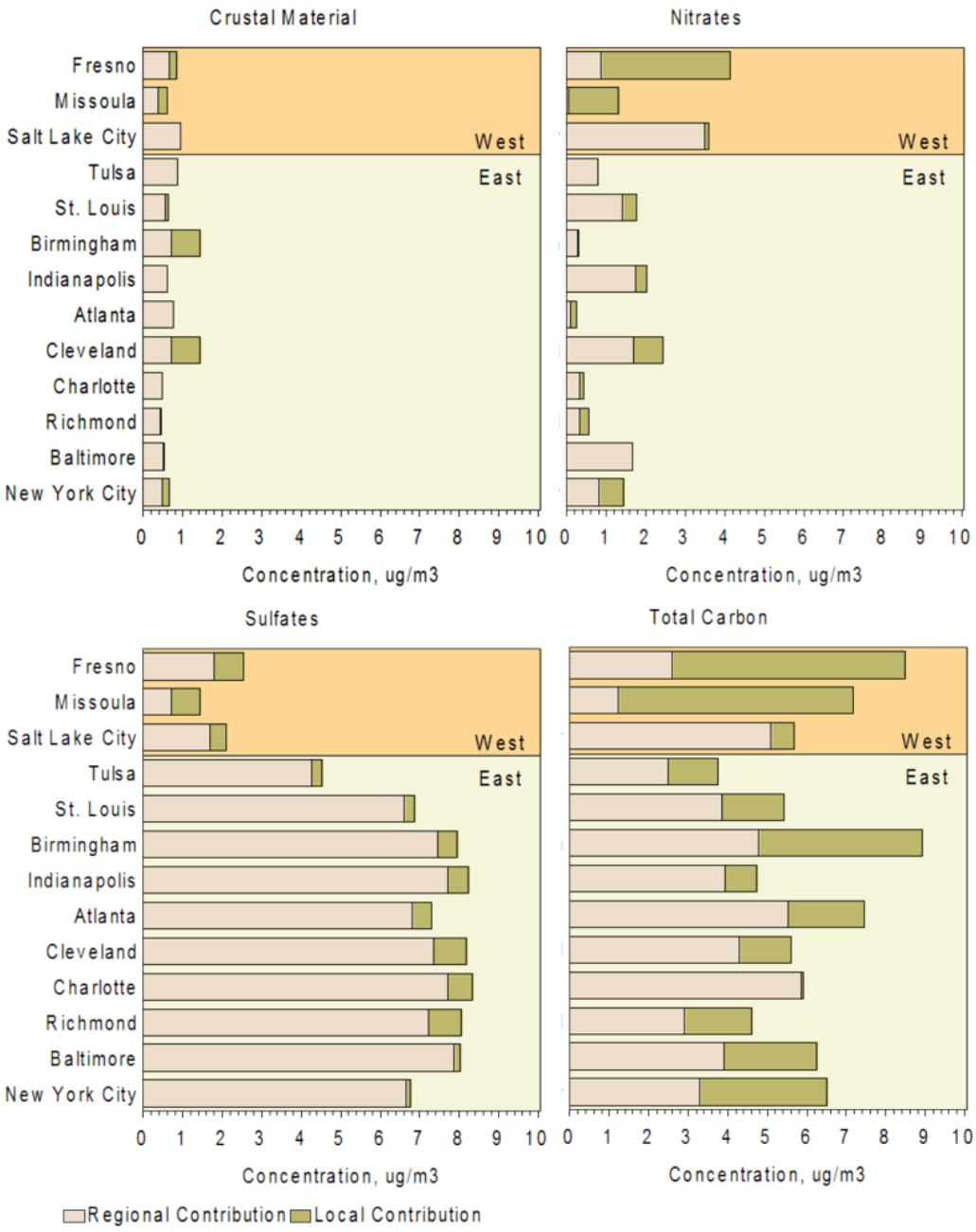


Figure 7: Annual increments for select United States cities

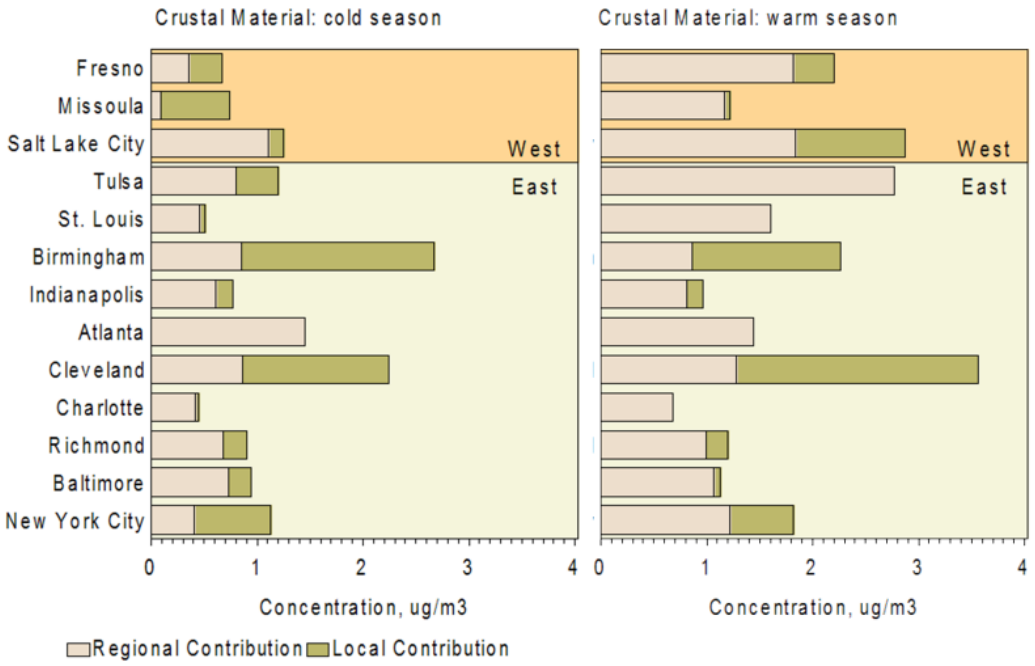


Figure 8: High day increments for Crustal Material

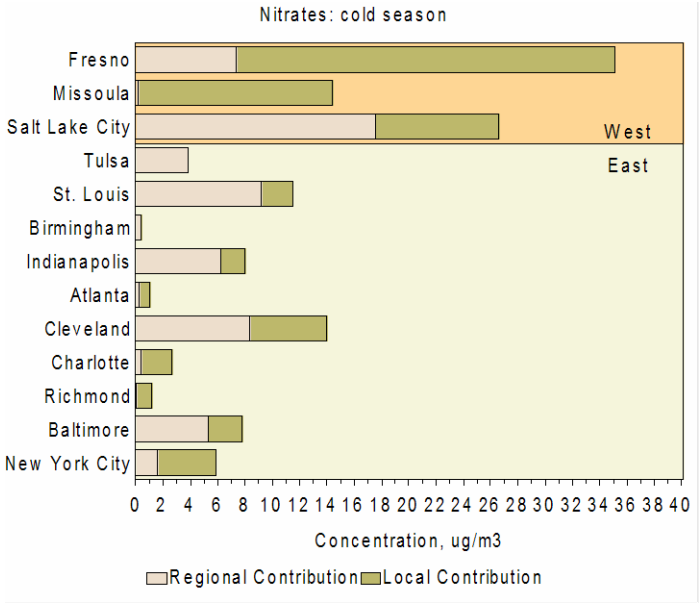


Figure 9: High day increments for Nitrate (cold season only)

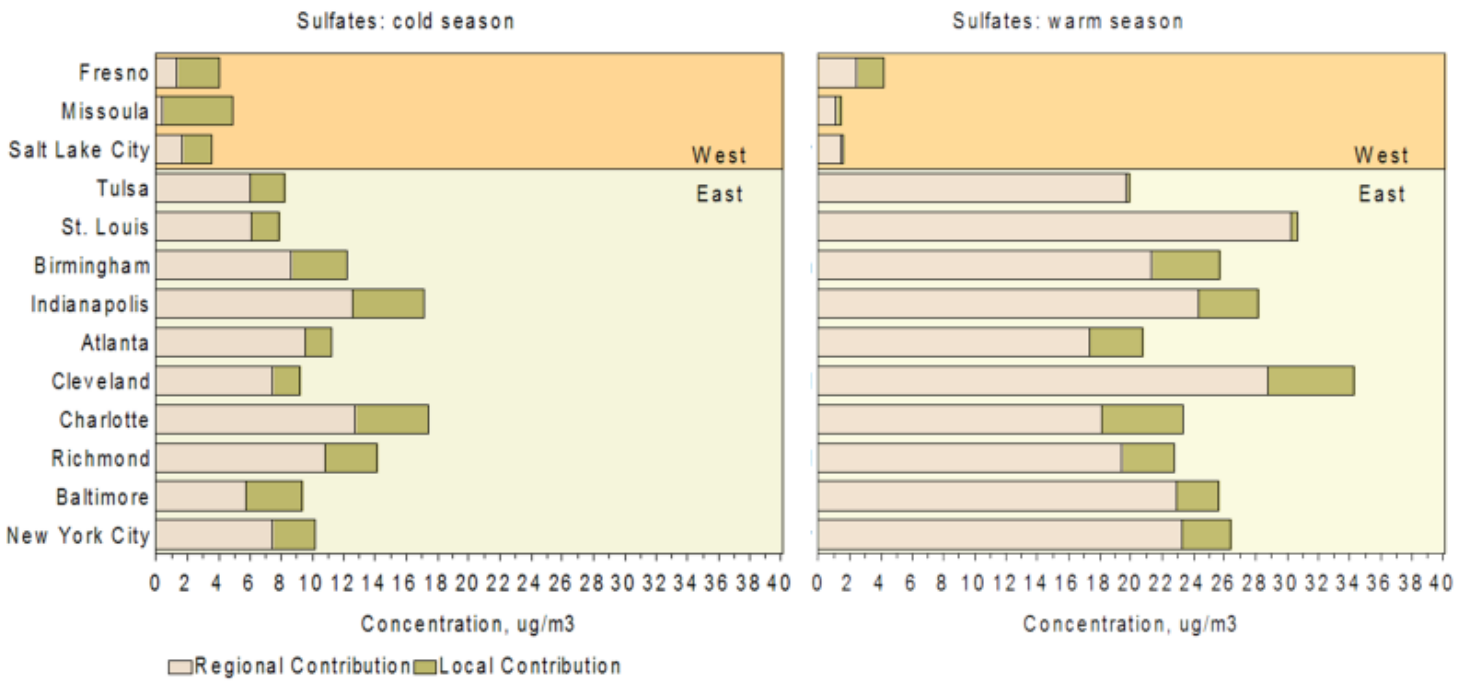


Figure 10: High day increments for Sulfate

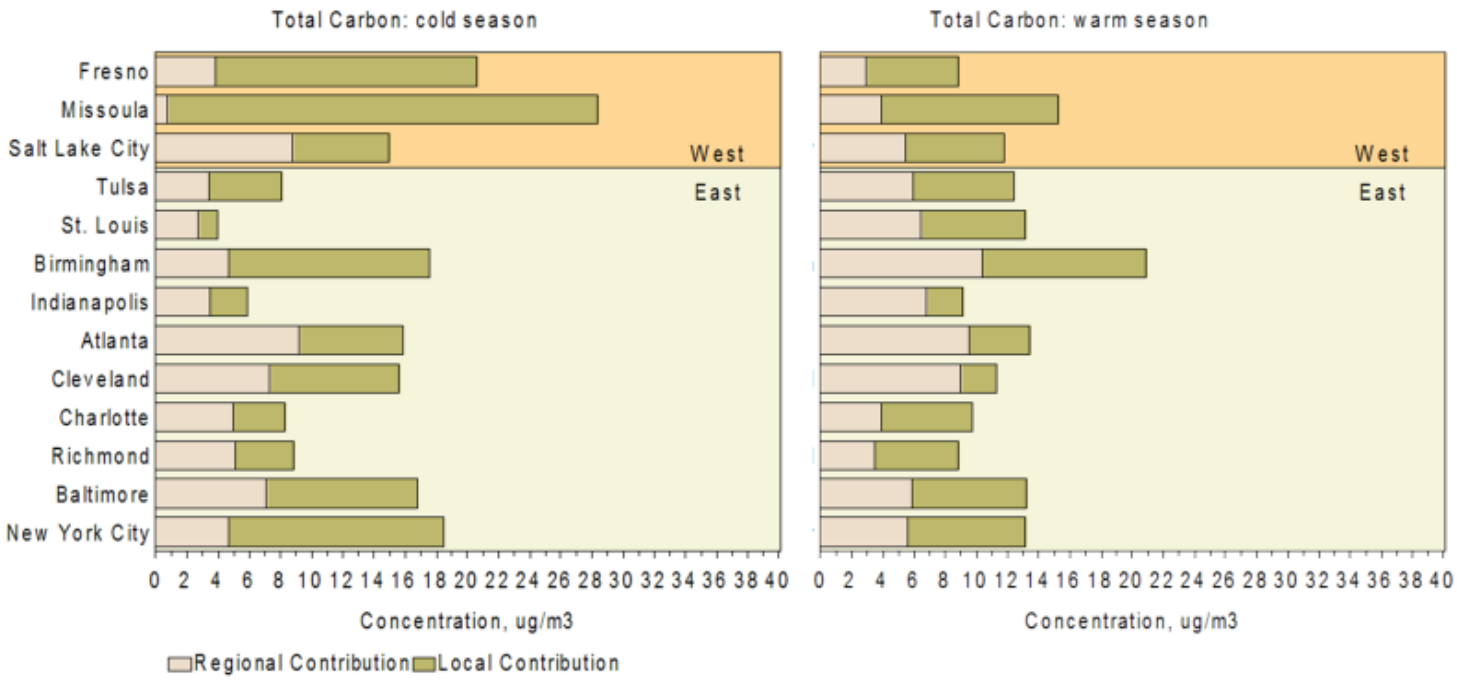


Figure 11: High day increments for Total Carbon

In general, there are higher regional sulfate concentrations in the east compared to the west. This is mainly due to the high SO_2 emissions from electrical generation units clustered along the eastern region's major river systems. However, the eastern cities still have higher sulfate urban increments when compared to those in the west. Conversely, western areas tend to have larger local nitrate contributions in relation to their corresponding regional influences. Local contributions of carbon tend to be slightly higher in the winter when cold starts of fossil fuel burning engines occur. During the summer, carbon increments are a combination of both primarily emitted carbon and secondarily formed aerosol from volatile organic carbon emissions.

The absolute and normalized composition profiles of the total urban increment vary from area to area (Figure 12). In the west, some areas have large estimated urban increments where carbon or nitrate dominate. Other areas such as Salt Lake City have lower urban increments using the CES methodology because composition and concentrations are more similar among all monitoring locations within the multicounty area. In the east, regional concentrations are generally high for several $PM_{2.5}$ constituents. Carbon is generally the largest urban increment. However, other components are seen to be important for some locations.

When the composition of the urban increments is examined for the peak days, the magnitudes are typically much higher than for the average day. Next, during the cool season, carbon, nitrate or both can be important ev-

erywhere, while sulfate can also be important in the east. For the peak days during the warm season, carbon and sulfate are the significant components of the urban increment.

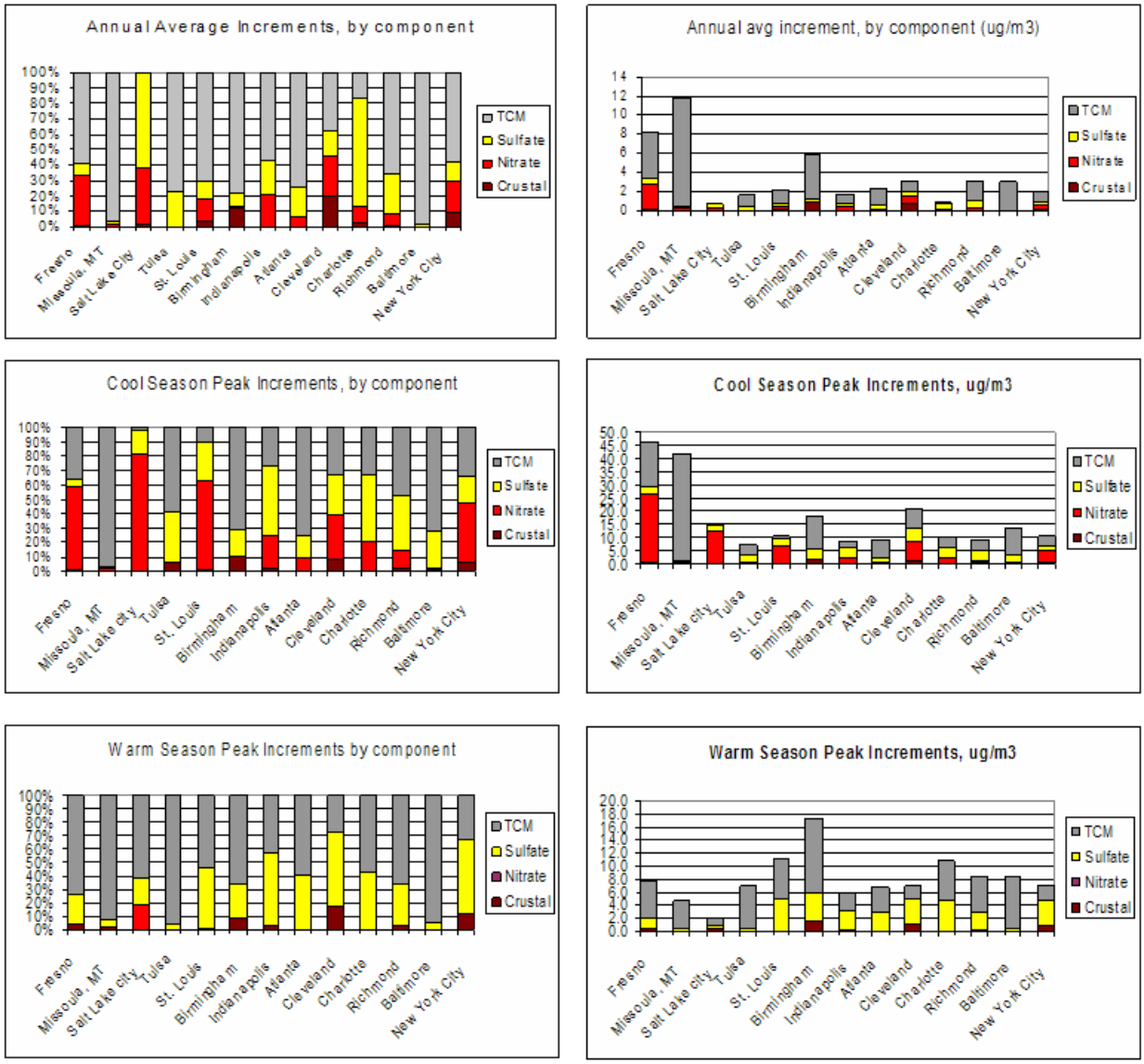


Figure 12: Examination of Pollutant Increment by Area

5.6 Trajectory Weighting

Meteorology plays a major role in the formation and transport of fine particulate matter over large areas. To better take into account the transport of $PM_{2.5}$ precursors and primary emissions to the violating monitor, the HYSPLIT trajectory model developed by NOAA was used to calculate wind trajectories 48 hours backward in time from the violating area to determine which nearby counties the air parcels traversed on their way to the violating area. The relative frequency of these air parcels within a season is used to further weight the influence of the county level seasonal emissions.

In order to provide a more robust result, trajectories were run for the top 10% of high days by season and were started from eight equally spaced times spread across the span of each day (i.e., at three hour intervals). The initial start height for each backward trajectory was set to the mixing height at the start time. Two additional evenly spaced starting heights relative to the starting mixing height and a fourth height at 10 meters were used to calculate trajectories in the same manner described above. Trajectories were started at the violating monitor and any other area monitors that had similar concentrations to the violating monitor for a particular "high" day.

The locations of points along the trajectory route were calculated hourly so that each 48 hour trajectory had a total of 48 points delineating the path taken. More trajectory points within a given county means there was more

time for the air parcel to pick up emissions from sources in that county. Along with the trajectory paths, the mixing height at each hour along the trajectory was also calculated to determine if the air mass was located above the mixing layer which took into account whether or not most ground released emissions could mix into the air mass. A probability field of the likelihood of a trajectory passing through an individual county on its way to the violating county was created through kernel density estimation (KDE) and based upon the observed frequency of points calculated along the trajectory path ways. Only trajectory points representing air masses within the mixing layer and able to mix with emitted pollutants were used. The average probability across each county was used and the sum over all counties of these probability estimates was scaled to sum to one. The resulting county values were used to further weight the emissions estimates to account for the likelihood of a county being upwind of the violating monitor on high concentration days. The trajectory weights are listed in Table A-7 in Appendix 1 as relative values to the maximum weight for each metropolitan area and season so that values are between 1 and 100.

Figures 13 to 15 provide a visual example of how the weights were calculated for the Milwaukee, WI area.

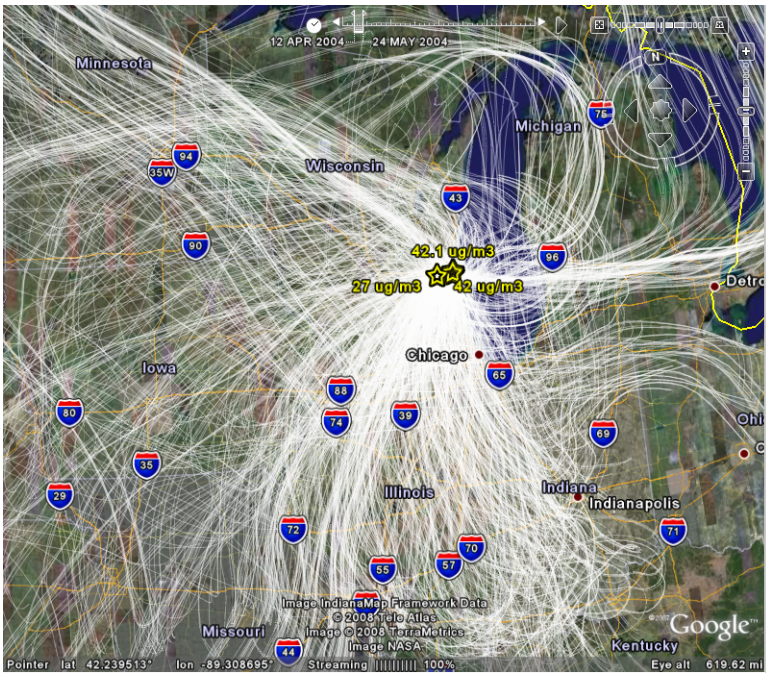


Figure 13: Raw trajectories for the cold season in Milwaukee, WI. Trajectories are calculated for each high day and mapped across the area being influenced. This example shows the trajectories for the 10% highest days during the cold season (Jan-Apr, Oct-Dec) for 2004-2006. The dense bundle of trajectories from the south shows the most likely location of influencing emissions.

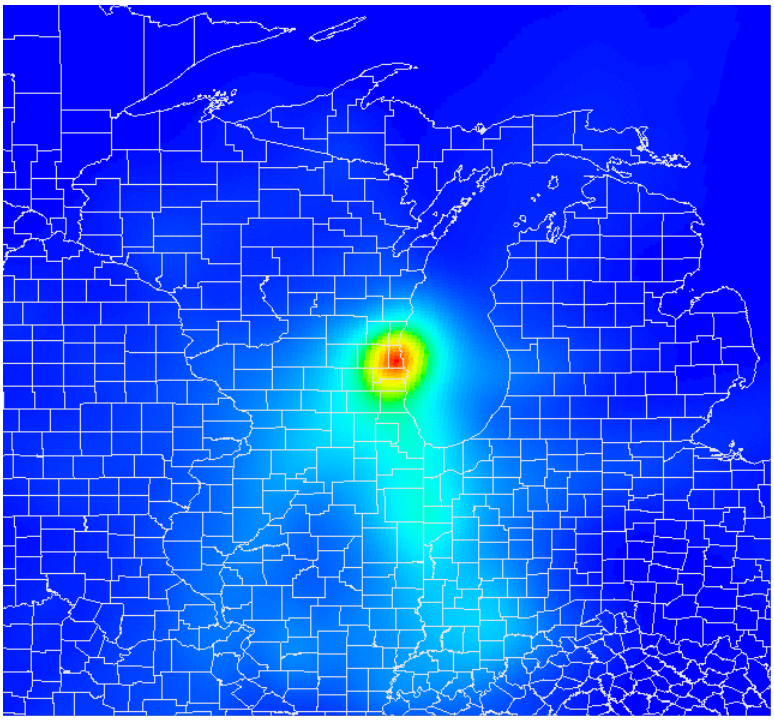


Figure 14: Kernel density smoothing of the trajectories. After smoothing, the highest trajectory densities are centered over the Milwaukee, WI area with relatively high densities extending north into the northernmost boundaries of the Milwaukee CSA and south into the northern reaches of the Chicago area. Moderately high densities can be seen extending slightly east over Lake Michigan, west to the Rockford, IL area and south into Northeastern Illinois and Northwestern Indiana. Lower densities can be seen extending as far south as the central parts of Illinois and Indiana along the border of the two states. North and west of the Milwaukee CSA, densities drop off very quickly.

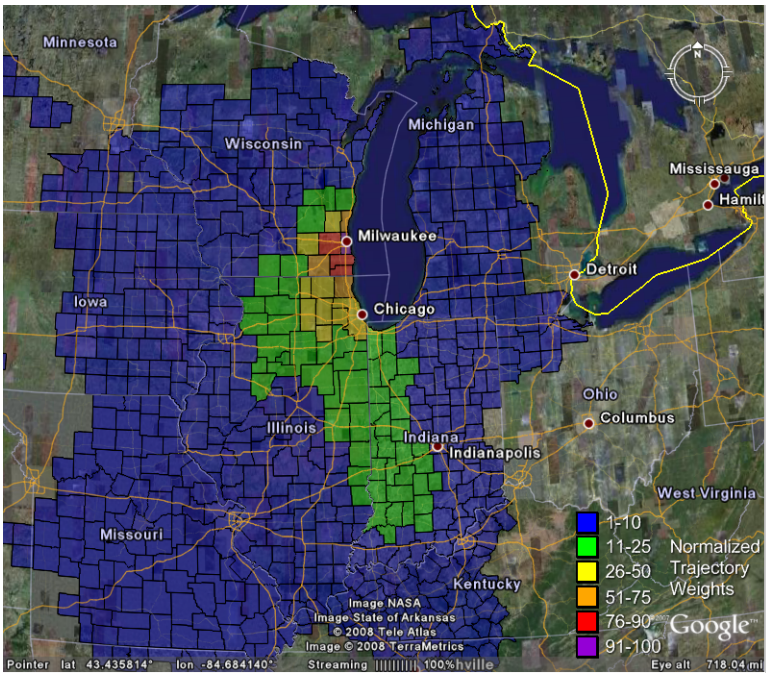


Figure 15: Final county trajectory weight. After taking the average density across an individual county, a weighting scheme where the resulting individual county weights add up to one is constructed. For display purposes, the weights were normalized to values between 1 and 100.

5.7 Distance Weighting

Because pollutants disperse as they progress downwind, the concentration of an emitted pollutant attributable to a source will generally decline with increasing distance from the source through mixing. To account for this phenomenon in the CES, a distance weight was applied to the emissions of each county. Distances were calculated from the centroids of the surrounding nearby counties to the centroid of the violating county. The centroid of the violating county was used in the distance calculations as opposed to the violating monitor to account for counties having multiple violating monitors. Within the violating county, the average of the distance from the centroid of the county to the border calculated at one degree intervals around the compass was derived and represented the average distance from any source within in the violating county to the centroid within the same county. The weighting factor of 1/distance for all four pollutants was chosen after analyzing the transport and dispersion behaviors of particles using AERMOD which is an atmospheric dispersion modeling system and the results of Community Multiscale Air Quality (CMAQ) modeling (Appendices 2 and 3). A listing of the distances from the centroid of the violating to each surrounding county is given in Table A-8 in Appendix 1.

5.8 Contributing Emissions Score Calculation

The Contributing Emissions Score for each season and pollutant was then calculated by county using the following equation.

$$\begin{aligned}\text{CES}_{season,county,pollutant} &= \text{Area-normalized High Day Emissions}_{season,county,pollutant} \times \\ &\quad \text{Urban Increment}_{season,pollutant} \times \\ &\quad \text{Trajectory Weight}_{season,county} \times \\ &\quad \text{Distance}^{-1}_{county}\end{aligned} \tag{1}$$

The individual seasonal pollutant scores were summed to give a total county level score. The total score was then normalized by the highest scoring county and multiplied by 100 so that all counties had scores between 0 and 100. If an area had more than two counties violating the standard, each county was represented by its maximum normalized score so that any county's reported score represented the maximum contribution that a county had on any violating county within the metropolitan area.

Bibliography

[1] United States Environmental Protection Agency. Area Designations for 2006 24-hour $PM_{2.5}$ NAAQS - Technical Information. http://www.epa.gov/ttn/naaqs/pm/pm25_2006_techinfo.html.

[2] United States Environmental Protection Agency. Constructing the Weighted Emissions Score Metric. In *Technical Support Document for December 17, 2004 Designations*, chapter 4. United States Environmental Protection Agency, 2004. http://www.epa.gov/pmdesignations/1997standards/tech.htm.

[3] Michael J. Rizzo. $PM_{2.5}$ Designations Part 3-Analytical Tools. In *$PM_{2.5}$ Implementation Program and the Area Designation Process for the 2006 $PM_{2.5}$ Standards*, June 2007. http://www.epa.gov/ttn/naaqs/pm/pm25_implementation_-presentations.html.

[4] Western Regional Air Partnership. *Weighted Emissions Potential Analysis*. http://vista.cira.colostate.edu/docs/wrap/attribution/WEPMethods.doc.

[5] Sean M. Raffuse, Dana C. Sullivan, and Lyle R. Chinkin. Emission Impact Potential - A Method for Relating Upwind Emissions to Ambient Pollutant Concentrations. In *14th International Emission Inventory Conference*, 2005. http://www.epa.gov/ttn/chief/conference/ei14/session2/raffuse.pdf.

[6] United States Environmental Protection Agency. National Emissions Inventory for the U.S. http://www.epa.gov/ttn/chief/net/.

[7] Neil H. Frank. Retained Nitrate, Hydrated Sulfates, and Carbonaceous Mass in Federal Reference Method Fine Particulate Matter for Six

Eastern U.S. Cities. *Journal of the Air and Waste Management Association*, 56:500–511, 2006.

[8] Neil H. Frank. STN Data Dictionary. http://www.epa.gov/mxplorer/sandwich_dictionary.xls.

[9] Jonathan M. Samet, Scott L. Zeger, Francesca Dominici, Frank Curriero, Ivan Coursac, Douglas W. Dockery, Joel Schwartz, and Antonella Zanobetti. National Morbidity, Mortality, and Air Pollution Study. Part II: Morbidity and Mortality from Air Pollution in the United States. Technical Report 094-II, Health Effects Institute, 2000.

[10] United States Environmental Protection Agency. Air Quality Criteria for Particulate Matter, Volume I. Technical Report EPA/600/P-95/001aF, Office of Research and Development, 1996.

[11] Venkatesh Rao, Neil Frank, Alan Rush, and Fred Dimmick. Chemical Speciation of $PM_{2.5}$ in Urban and Rural Areas. In *National Air Quality and Emissions Trends Report, 2003 Special Studies*. United States Environmental Protection Agency, 2003. http://www.epa.gov/airtrends/aqtrnd03/pdfs/2_chemspecofpm25.pdf.

Appendices

Appendix 1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Albany, GA	Dougherty, GA	cold	8	Atkinson, GA	14.5	12.8	20.4	7.3
Albany, GA	Dougherty, GA	cold	8	Bacon, GA	5.3	6.8	26.5	6.1
Albany, GA	Dougherty, GA	cold	8	Baker, GA	43.0	23.8	15.1	9.2
Albany, GA	Dougherty, GA	cold	8	Barbour, AL	22.2	17.3	65.6	23.4
Albany, GA	Dougherty, GA	cold	8	Bay, FL	27.1	46.3	532.5	896.5
Albany, GA	Dougherty, GA	cold	8	Ben Hill, GA	8.8	9.9	42.8	19.6
Albany, GA	Dougherty, GA	cold	8	Berrien, GA	15.6	16.0	27.8	9.9
Albany, GA	Dougherty, GA	cold	8	Bibb, GA	11.1	17.6	317.5	93.8
Albany, GA	Dougherty, GA	cold	8	Bleckley, GA	6.9	8.1	23.4	8.8
Albany, GA	Dougherty, GA	cold	8	Brooks, GA	28.7	20.9	36.3	9.7
Albany, GA	Dougherty, GA	cold	8	Bullock, AL	112.1	62.8	52.2	23.3
Albany, GA	Dougherty, GA	cold	8	Calhoun, FL	15.7	9.4	17.2	4.0
Albany, GA	Dougherty, GA	cold	8	Calhoun, GA	16.3	13.0	13.2	4.1
Albany, GA	Dougherty, GA	cold	8	Chattahoochee, GA	3.5	3.2	9.9	1.0
Albany, GA	Dougherty, GA	cold	8	Clay, GA	4.7	6.1	6.9	0.8
Albany, GA	Dougherty, GA	cold	8	Clinch, GA	5.2	3.9	27.9	5.2
Albany, GA	Dougherty, GA	cold	8	Coffee, AL	13.8	15.5	67.4	24.4
Albany, GA	Dougherty, GA	cold	8	Coffee, GA	14.4	17.7	70.7	29.6
Albany, GA	Dougherty, GA	cold	8	Colquitt, GA	26.2	28.1	57.2	18.5
Albany, GA	Dougherty, GA	cold	8	Columbia, FL	90.4	40.4	199.9	34.0
Albany, GA	Dougherty, GA	cold	8	Cook, GA	11.7	14.0	51.9	9.7
Albany, GA	Dougherty, GA	cold	8	Covington, AL	33.0	22.6	73.7	29.6
Albany, GA	Dougherty, GA	cold	8	Crawford, GA	3.7	5.0	17.2	1.6
Albany, GA	Dougherty, GA	cold	8	Crenshaw, AL	8.0	6.9	25.2	5.9
Albany, GA	Dougherty, GA	cold	8	Crisp, GA	8.1	12.5	69.8	12.7
Albany, GA	Dougherty, GA	cold	8	Dale, AL	10.3	11.3	116.3	25.6
Albany, GA	Dougherty, GA	cold	8	Decatur, GA	49.9	37.4	68.2	25.5
Albany, GA	Dougherty, GA	cold	8	Dixie, FL	34.3	19.8	27.6	6.9
Albany, GA	Dougherty, GA	cold	8	Dodge, GA	7.6	8.3	26.7	4.2
Albany, GA	Dougherty, GA	cold	8	Dooly, GA	11.9	19.2	62.6	10.6
Albany, GA	Dougherty, GA	cold	8	Dougherty, GA	27.0	28.9	248.4	418.9
Albany, GA	Dougherty, GA	cold	8	Early, GA	14.4	25.4	151.5	256.3
Albany, GA	Dougherty, GA	cold	8	Echols, GA	3.2	3.0	15.3	1.3
Albany, GA	Dougherty, GA	cold	8	Franklin, FL	52.8	20.2	34.9	16.3
Albany, GA	Dougherty, GA	cold	8	Gadsden, FL	24.8	15.8	180.4	14.6
Albany, GA	Dougherty, GA	cold	8	Geneva, AL	18.1	19.1	45.3	12.0
Albany, GA	Dougherty, GA	cold	8	Grady, GA	18.4	15.5	35.1	7.6
Albany, GA	Dougherty, GA	cold	8	Gulf, FL	9.8	6.2	25.5	4.7
Albany, GA	Dougherty, GA	cold	8	Hamilton, FL	12.9	15.3	82.9	89.2
Albany, GA	Dougherty, GA	cold	8	Harris, GA	14.0	10.8	61.7	9.2
Albany, GA	Dougherty, GA	cold	8	Henry, AL	14.0	16.0	40.2	7.8
Albany, GA	Dougherty, GA	cold	8	Holmes, FL	6.9	5.8	54.3	5.0
Albany, GA	Dougherty, GA	cold	8	Houston, AL	15.6	23.4	163.5	79.7
Albany, GA	Dougherty, GA	cold	8	Houston, GA	10.6	15.3	280.5	71.5
Albany, GA	Dougherty, GA	cold	8	Irwin, GA	12.2	14.8	31.6	5.1
Albany, GA	Dougherty, GA	cold	8	Jackson, FL	29.9	32.9	193.2	195.9
Albany, GA	Dougherty, GA	cold	8	Jeff Davis, GA	7.3	7.8	23.6	9.8
Albany, GA	Dougherty, GA	cold	8	Jefferson, FL	68.8	30.5	82.7	19.8
Albany, GA	Dougherty, GA	cold	8	Lafayette, FL	7.1	5.7	12.0	1.8
Albany, GA	Dougherty, GA	cold	8	Lanier, GA	6.5	5.3	13.1	2.5
Albany, GA	Dougherty, GA	cold	8	Laurens, GA	17.4	25.0	125.3	81.4
Albany, GA	Dougherty, GA	cold	8	Lee, AL	14.9	14.7	170.4	56.1
Albany, GA	Dougherty, GA	cold	8	Lee, GA	35.5	27.2	32.4	9.0
Albany, GA	Dougherty, GA	cold	8	Leon, FL	91.9	37.7	352.6	105.3
Albany, GA	Dougherty, GA	cold	8	Liberty, FL	51.6	27.5	26.8	11.7
Albany, GA	Dougherty, GA	cold	8	Lowndes, GA	24.8	27.1	181.7	74.1
Albany, GA	Dougherty, GA	cold	8	Macon, AL	26.9	17.6	64.6	11.0
Albany, GA	Dougherty, GA	cold	8	Macon, GA	9.9	12.7	69.6	13.0
Albany, GA	Dougherty, GA	cold	8	Madison, FL	27.3	21.4	103.0	8.3
Albany, GA	Dougherty, GA	cold	8	Marion, GA	4.5	5.2	13.8	8.1
Albany, GA	Dougherty, GA	cold	8	Meriwether, GA	10.8	10.1	54.1	11.3
Albany, GA	Dougherty, GA	cold	8	Miller, GA	8.6	11.9	13.3	1.9
Albany, GA	Dougherty, GA	cold	8	Mitchell, GA	36.1	30.4	41.8	20.8
Albany, GA	Dougherty, GA	cold	8	Monroe, GA	13.4	103.1	778.8	3133.5
Albany, GA	Dougherty, GA	cold	8	Montgomery, AL	23.4	21.0	434.5	245.7
Albany, GA	Dougherty, GA	cold	8	Muscogee, GA	9.5	12.2	189.4	69.5
Albany, GA	Dougherty, GA	cold	8	Peach, GA	6.2	11.7	57.4	15.3
Albany, GA	Dougherty, GA	cold	8	Pike, AL	14.6	12.8	72.4	321.0
Albany, GA	Dougherty, GA	cold	8	Pulaski, GA	7.8	10.4	14.3	3.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Albany, GA	Dougherty, GA	cold	8	Quitman, GA	2.5	2.4	5.0	1.1
Albany, GA	Dougherty, GA	cold	8	Randolph, GA	11.6	9.9	14.1	4.0
Albany, GA	Dougherty, GA	cold	8	Russell, AL	42.4	31.6	189.0	306.4
Albany, GA	Dougherty, GA	cold	8	Schley, GA	2.9	3.7	7.1	3.3
Albany, GA	Dougherty, GA	cold	8	Seminole, GA	12.2	11.7	18.1	3.4
Albany, GA	Dougherty, GA	cold	8	Stewart, GA	9.7	5.6	15.6	4.0
Albany, GA	Dougherty, GA	cold	8	Sumter, GA	14.4	26.0	62.9	37.8
Albany, GA	Dougherty, GA	cold	8	Suwannee, FL	20.2	18.2	157.3	125.8
Albany, GA	Dougherty, GA	cold	8	Talbot, GA	6.1	4.2	26.9	2.5
Albany, GA	Dougherty, GA	cold	8	Taylor, FL	16.4	16.3	131.5	114.8
Albany, GA	Dougherty, GA	cold	8	Taylor, GA	4.6	5.9	27.0	2.3
Albany, GA	Dougherty, GA	cold	8	Telfair, GA	5.8	6.1	21.9	9.6
Albany, GA	Dougherty, GA	cold	8	Terrell, GA	12.7	13.7	21.8	6.2
Albany, GA	Dougherty, GA	cold	8	Thomas, GA	86.3	47.1	84.6	43.1
Albany, GA	Dougherty, GA	cold	8	Tift, GA	10.6	17.5	84.2	20.0
Albany, GA	Dougherty, GA	cold	8	Turner, GA	7.1	8.6	51.6	4.5
Albany, GA	Dougherty, GA	cold	8	Twiggs, GA	5.1	12.7	35.2	2.2
Albany, GA	Dougherty, GA	cold	8	Upson, GA	4.5	6.7	38.0	15.7
Albany, GA	Dougherty, GA	cold	8	Wakulla, FL	44.1	22.9	56.2	15.5
Albany, GA	Dougherty, GA	cold	8	Walton, FL	34.4	16.9	162.4	15.1
Albany, GA	Dougherty, GA	cold	8	Ware, GA	19.3	12.6	74.9	14.7
Albany, GA	Dougherty, GA	cold	8	Washington, FL	18.9	11.4	103.8	7.7
Albany, GA	Dougherty, GA	cold	8	Webster, GA	3.7	4.1	9.6	1.8
Albany, GA	Dougherty, GA	cold	8	Wheeler, GA	3.4	3.6	10.9	1.1
Albany, GA	Dougherty, GA	cold	8	Wilcox, GA	9.8	10.4	22.1	3.0
Albany, GA	Dougherty, GA	cold	8	Worth, GA	19.6	23.5	36.1	4.0
Albany, GA	Dougherty, GA	warm	9	Atkinson, GA	22.6	20.0	31.8	11.3
Albany, GA	Dougherty, GA	warm	9	Bacon, GA	8.3	10.6	41.3	9.5
Albany, GA	Dougherty, GA	warm	9	Baker, GA	67.0	37.1	23.5	14.4
Albany, GA	Dougherty, GA	warm	9	Barbour, AL	34.6	26.9	102.3	36.4
Albany, GA	Dougherty, GA	warm	9	Bay, FL	42.2	72.2	830.1	1397.4
Albany, GA	Dougherty, GA	warm	9	Ben Hill, GA	13.7	15.4	66.7	30.5
Albany, GA	Dougherty, GA	warm	9	Berrien, GA	24.3	25.0	43.3	15.4
Albany, GA	Dougherty, GA	warm	9	Bibb, GA	17.4	27.4	495.0	146.3
Albany, GA	Dougherty, GA	warm	9	Bleckley, GA	10.8	12.6	36.6	13.7
Albany, GA	Dougherty, GA	warm	9	Brooks, GA	44.7	32.6	56.7	15.1
Albany, GA	Dougherty, GA	warm	9	Bullock, AL	174.7	97.9	81.4	36.2
Albany, GA	Dougherty, GA	warm	9	Calhoun, FL	24.5	14.7	26.9	6.2
Albany, GA	Dougherty, GA	warm	9	Calhoun, GA	25.5	20.2	20.6	6.4
Albany, GA	Dougherty, GA	warm	9	Chattahoochee, GA	5.5	5.0	15.5	1.6
Albany, GA	Dougherty, GA	warm	9	Clay, GA	7.3	9.6	10.7	1.2
Albany, GA	Dougherty, GA	warm	9	Clinch, GA	8.1	6.1	43.5	8.1
Albany, GA	Dougherty, GA	warm	9	Coffee, AL	21.6	24.2	105.1	38.0
Albany, GA	Dougherty, GA	warm	9	Coffee, GA	22.4	27.5	110.2	46.2
Albany, GA	Dougherty, GA	warm	9	Colquitt, GA	40.9	43.8	89.2	28.8
Albany, GA	Dougherty, GA	warm	9	Columbia, FL	140.9	62.9	311.6	53.0
Albany, GA	Dougherty, GA	warm	9	Cook, GA	18.2	21.8	80.9	15.1
Albany, GA	Dougherty, GA	warm	9	Covington, AL	51.4	35.3	114.9	46.2
Albany, GA	Dougherty, GA	warm	9	Crawford, GA	5.8	7.8	26.8	2.6
Albany, GA	Dougherty, GA	warm	9	Crenshaw, AL	12.5	10.7	39.3	9.2
Albany, GA	Dougherty, GA	warm	9	Crisp, GA	12.6	19.5	108.8	19.8
Albany, GA	Dougherty, GA	warm	9	Dale, AL	16.0	17.6	181.3	39.9
Albany, GA	Dougherty, GA	warm	9	Decatur, GA	77.7	58.3	106.2	39.8
Albany, GA	Dougherty, GA	warm	9	Dixie, FL	53.4	30.9	43.0	10.7
Albany, GA	Dougherty, GA	warm	9	Dodge, GA	11.9	13.0	41.6	6.5
Albany, GA	Dougherty, GA	warm	9	Dooly, GA	18.6	30.0	97.5	16.6
Albany, GA	Dougherty, GA	warm	9	Dougherty, GA	42.0	45.1	387.3	653.1
Albany, GA	Dougherty, GA	warm	9	Early, GA	22.4	39.7	236.2	399.4
Albany, GA	Dougherty, GA	warm	9	Echols, GA	4.9	4.6	23.8	2.1
Albany, GA	Dougherty, GA	warm	9	Franklin, FL	82.2	31.5	54.4	25.4
Albany, GA	Dougherty, GA	warm	9	Gadsden, FL	38.7	24.7	281.3	22.8
Albany, GA	Dougherty, GA	warm	9	Geneva, AL	28.2	29.8	70.6	18.7
Albany, GA	Dougherty, GA	warm	9	Grady, GA	28.7	24.2	54.7	11.8
Albany, GA	Dougherty, GA	warm	9	Gulf, FL	15.2	9.7	39.7	7.4
Albany, GA	Dougherty, GA	warm	9	Hamilton, FL	20.0	23.8	129.2	139.1
Albany, GA	Dougherty, GA	warm	9	Harris, GA	21.8	16.8	96.2	14.3
Albany, GA	Dougherty, GA	warm	9	Henry, AL	21.8	24.9	62.7	12.1
Albany, GA	Dougherty, GA	warm	9	Holmes, FL	10.7	9.0	84.6	7.9
Albany, GA	Dougherty, GA	warm	9	Houston, AL	24.4	36.4	254.9	124.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Albany, GA	Dougherty, GA	warm	9	Houston, GA	16.5	23.9	437.3	111.4
Albany, GA	Dougherty, GA	warm	9	Irwin, GA	19.0	23.1	49.2	7.9
Albany, GA	Dougherty, GA	warm	9	Jackson, FL	46.6	51.2	301.1	305.3
Albany, GA	Dougherty, GA	warm	9	Jeff Davis, GA	11.4	12.1	36.7	15.2
Albany, GA	Dougherty, GA	warm	9	Jefferson, FL	107.2	47.6	128.9	30.9
Albany, GA	Dougherty, GA	warm	9	Lafayette, FL	11.0	8.8	18.7	2.8
Albany, GA	Dougherty, GA	warm	9	Lanier, GA	10.1	8.2	20.4	3.8
Albany, GA	Dougherty, GA	warm	9	Laurens, GA	27.1	38.9	195.3	126.9
Albany, GA	Dougherty, GA	warm	9	Lee, AL	23.3	23.0	265.6	87.5
Albany, GA	Dougherty, GA	warm	9	Lee, GA	55.3	42.4	50.5	14.0
Albany, GA	Dougherty, GA	warm	9	Leon, FL	143.3	58.7	549.6	164.2
Albany, GA	Dougherty, GA	warm	9	Liberty, FL	80.4	42.8	41.8	18.2
Albany, GA	Dougherty, GA	warm	9	Lowndes, GA	38.6	42.3	283.2	115.6
Albany, GA	Dougherty, GA	warm	9	Macon, AL	41.9	27.4	100.8	17.2
Albany, GA	Dougherty, GA	warm	9	Macon, GA	15.4	19.7	108.4	20.3
Albany, GA	Dougherty, GA	warm	9	Madison, FL	42.5	33.4	160.6	13.0
Albany, GA	Dougherty, GA	warm	9	Marion, GA	7.1	8.1	21.5	12.6
Albany, GA	Dougherty, GA	warm	9	Meriwether, GA	16.9	15.8	84.4	17.6
Albany, GA	Dougherty, GA	warm	9	Miller, GA	13.4	18.5	20.8	3.0
Albany, GA	Dougherty, GA	warm	9	Mitchell, GA	56.2	47.4	65.2	32.4
Albany, GA	Dougherty, GA	warm	9	Monroe, GA	20.9	160.7	1214.1	4884.5
Albany, GA	Dougherty, GA	warm	9	Montgomery, AL	36.6	32.8	677.4	383.1
Albany, GA	Dougherty, GA	warm	9	Muscogee, GA	14.9	19.0	295.3	108.3
Albany, GA	Dougherty, GA	warm	9	Peach, GA	9.7	18.2	89.5	23.8
Albany, GA	Dougherty, GA	warm	9	Pike, AL	22.8	20.0	112.9	500.4
Albany, GA	Dougherty, GA	warm	9	Pulaski, GA	12.2	16.3	22.2	4.7
Albany, GA	Dougherty, GA	warm	9	Quitman, GA	3.9	3.8	7.7	1.6
Albany, GA	Dougherty, GA	warm	9	Randolph, GA	18.0	15.5	22.0	6.2
Albany, GA	Dougherty, GA	warm	9	Russell, AL	66.1	49.2	294.6	477.7
Albany, GA	Dougherty, GA	warm	9	Schley, GA	4.5	5.8	11.1	5.1
Albany, GA	Dougherty, GA	warm	9	Seminole, GA	19.1	18.3	28.2	5.3
Albany, GA	Dougherty, GA	warm	9	Stewart, GA	15.1	8.8	24.3	6.2
Albany, GA	Dougherty, GA	warm	9	Sumter, GA	22.5	40.5	98.0	59.0
Albany, GA	Dougherty, GA	warm	9	Suwannee, FL	31.5	28.4	245.2	196.1
Albany, GA	Dougherty, GA	warm	9	Talbot, GA	9.6	6.5	42.0	3.9
Albany, GA	Dougherty, GA	warm	9	Taylor, FL	25.6	25.4	204.9	179.0
Albany, GA	Dougherty, GA	warm	9	Taylor, GA	7.2	9.2	42.0	3.7
Albany, GA	Dougherty, GA	warm	9	Telfair, GA	9.1	9.5	34.1	14.9
Albany, GA	Dougherty, GA	warm	9	Terrell, GA	19.8	21.3	34.0	9.7
Albany, GA	Dougherty, GA	warm	9	Thomas, GA	134.5	73.4	131.8	67.1
Albany, GA	Dougherty, GA	warm	9	Tift, GA	16.6	27.3	131.3	31.1
Albany, GA	Dougherty, GA	warm	9	Turner, GA	11.0	13.3	80.5	7.1
Albany, GA	Dougherty, GA	warm	9	Twiggs, GA	7.9	19.8	54.9	3.4
Albany, GA	Dougherty, GA	warm	9	Upson, GA	6.9	10.4	59.2	24.5
Albany, GA	Dougherty, GA	warm	9	Wakulla, FL	68.7	35.8	87.6	24.1
Albany, GA	Dougherty, GA	warm	9	Walton, FL	53.7	26.3	253.1	23.6
Albany, GA	Dougherty, GA	warm	9	Ware, GA	30.1	19.6	116.8	22.9
Albany, GA	Dougherty, GA	warm	9	Washington, FL	29.4	17.8	161.8	12.0
Albany, GA	Dougherty, GA	warm	9	Webster, GA	5.8	6.4	14.9	2.8
Albany, GA	Dougherty, GA	warm	9	Wheeler, GA	5.3	5.6	17.0	1.8
Albany, GA	Dougherty, GA	warm	9	Wilcox, GA	15.3	16.3	34.5	4.7
Albany, GA	Dougherty, GA	warm	9	Worth, GA	30.5	36.7	56.3	6.2
Allentown, PA	Northampton, PA	cold	6	Adams, PA	12.6	19.2	80.0	16.4
Allentown, PA	Northampton, PA	cold	6	Albany, NY	21.8	27.7	525.4	551.1
Allentown, PA	Northampton, PA	cold	6	Atlantic, NJ	29.6	17.1	206.9	21.3
Allentown, PA	Northampton, PA	cold	6	Baltimore, MD	53.5	111.2	975.5	1263.0
Allentown, PA	Northampton, PA	cold	6	Bergen, NJ	25.1	8.6	674.3	47.9
Allentown, PA	Northampton, PA	cold	6	Berks, PA	26.1	62.2	511.9	534.2
Allentown, PA	Northampton, PA	cold	6	Berkshire, MA	22.8	20.0	165.1	50.7
Allentown, PA	Northampton, PA	cold	6	Bradford, PA	9.7	10.6	66.0	21.0
Allentown, PA	Northampton, PA	cold	6	Bronx, NY	15.1	13.7	406.5	104.8
Allentown, PA	Northampton, PA	cold	6	Broome, NY	21.3	32.4	244.9	395.1
Allentown, PA	Northampton, PA	cold	6	Bucks, PA	24.8	30.1	475.2	111.8
Allentown, PA	Northampton, PA	cold	6	Burlington, NJ	32.2	20.9	440.7	95.3
Allentown, PA	Northampton, PA	cold	6	Camden, NJ	16.9	9.5	392.0	52.1
Allentown, PA	Northampton, PA	cold	6	Cape May, NJ	16.9	26.7	221.1	308.4
Allentown, PA	Northampton, PA	cold	6	Carbon, PA	8.8	9.0	82.4	40.5
Allentown, PA	Northampton, PA	cold	6	Carroll, MD	18.5	23.2	181.4	41.8
Allentown, PA	Northampton, PA	cold	6	Cayuga, NY	15.7	20.4	110.8	36.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Allentown, PA	Northampton, PA	cold	6	Cecil, MD	12.6	11.6	112.1	36.7
Allentown, PA	Northampton, PA	cold	6	Centre, PA	13.2	18.7	188.2	161.6
Allentown, PA	Northampton, PA	cold	6	Chemung, NY	11.2	14.1	96.7	44.9
Allentown, PA	Northampton, PA	cold	6	Chenango, NY	17.5	16.3	46.8	23.9
Allentown, PA	Northampton, PA	cold	6	Chester, PA	22.6	34.8	467.2	226.1
Allentown, PA	Northampton, PA	cold	6	Clinton, PA	5.8	5.0	81.7	15.9
Allentown, PA	Northampton, PA	cold	6	Columbia, NY	11.6	13.1	71.5	26.3
Allentown, PA	Northampton, PA	cold	6	Columbia, PA	5.7	9.1	74.9	22.4
Allentown, PA	Northampton, PA	cold	6	Cortland, NY	10.2	10.9	50.7	17.9
Allentown, PA	Northampton, PA	cold	6	Cumberland, NJ	12.4	11.6	184.7	90.5
Allentown, PA	Northampton, PA	cold	6	Cumberland, PA	19.8	24.4	409.1	55.9
Allentown, PA	Northampton, PA	cold	6	Dauphin, PA	14.9	14.5	355.1	69.1
Allentown, PA	Northampton, PA	cold	6	Delaware, NY	20.7	18.0	63.4	29.2
Allentown, PA	Northampton, PA	cold	6	Delaware, PA	24.5	35.1	931.2	576.1
Allentown, PA	Northampton, PA	cold	6	Dutchess, NY	22.2	24.9	225.1	131.2
Allentown, PA	Northampton, PA	cold	6	Essex, NJ	18.0	7.3	628.9	131.5
Allentown, PA	Northampton, PA	cold	6	Fairfield, CT	46.1	36.6	746.7	269.8
Allentown, PA	Northampton, PA	cold	6	Franklin, PA	10.9	18.6	154.8	24.1
Allentown, PA	Northampton, PA	cold	6	Gloucester, NJ	19.2	21.7	359.8	201.4
Allentown, PA	Northampton, PA	cold	6	Greene, NY	11.7	13.6	158.5	113.4
Allentown, PA	Northampton, PA	cold	6	Harford, MD	24.9	24.2	206.9	65.3
Allentown, PA	Northampton, PA	cold	6	Herkimer, NY	15.4	14.7	105.3	25.9
Allentown, PA	Northampton, PA	cold	6	Hudson, NJ	19.0	54.5	761.0	772.8
Allentown, PA	Northampton, PA	cold	6	Hunterdon, NJ	12.8	8.7	109.9	15.7
Allentown, PA	Northampton, PA	cold	6	Huntingdon, PA	7.3	8.4	71.5	22.4
Allentown, PA	Northampton, PA	cold	6	Juniata, PA	3.5	4.6	51.1	7.1
Allentown, PA	Northampton, PA	cold	6	Kent, DE	12.3	14.4	257.2	126.7
Allentown, PA	Northampton, PA	cold	6	Kent, MD	4.6	7.8	28.4	13.3
Allentown, PA	Northampton, PA	cold	6	Lackawanna, PA	9.5	12.8	188.5	36.1
Allentown, PA	Northampton, PA	cold	6	Lancaster, PA	32.8	55.7	464.1	113.7
Allentown, PA	Northampton, PA	cold	6	Lebanon, PA	9.6	13.8	166.3	50.3
Allentown, PA	Northampton, PA	cold	6	Lehigh, PA	14.2	20.6	325.6	106.1
Allentown, PA	Northampton, PA	cold	6	Litchfield, CT	26.9	19.8	124.5	34.9
Allentown, PA	Northampton, PA	cold	6	Luzerne, PA	22.2	22.9	294.0	202.5
Allentown, PA	Northampton, PA	cold	6	Lycoming, PA	8.7	9.9	121.4	30.8
Allentown, PA	Northampton, PA	cold	6	Madison, NY	13.3	14.7	81.4	23.9
Allentown, PA	Northampton, PA	cold	6	Mercer, NJ	16.4	26.7	499.3	506.3
Allentown, PA	Northampton, PA	cold	6	Middlesex, NJ	26.9	13.8	825.6	88.6
Allentown, PA	Northampton, PA	cold	6	Mifflin, PA	6.9	8.2	76.3	13.9
Allentown, PA	Northampton, PA	cold	6	Monmouth, NJ	28.0	13.5	474.6	50.6
Allentown, PA	Northampton, PA	cold	6	Monroe, PA	16.7	15.1	148.5	28.9
Allentown, PA	Northampton, PA	cold	6	Montgomery, NY	9.0	11.0	102.0	25.8
Allentown, PA	Northampton, PA	cold	6	Montgomery, PA	31.7	38.5	659.6	153.1
Allentown, PA	Northampton, PA	cold	6	Montour, PA	11.9	180.3	396.4	3615.6
Allentown, PA	Northampton, PA	cold	6	Morris, NJ	27.0	14.7	389.8	33.3
Allentown, PA	Northampton, PA	cold	6	New Castle, DE	25.2	33.9	800.7	1442.1
Allentown, PA	Northampton, PA	cold	6	New York, NY	52.7	37.6	1039.9	369.6
Allentown, PA	Northampton, PA	cold	6	Northampton, PA	18.8	105.8	696.8	1709.3
Allentown, PA	Northampton, PA	cold	6	Northumberland, PA	8.7	11.3	97.4	42.6
Allentown, PA	Northampton, PA	cold	6	Ocean, NJ	28.1	14.8	271.1	30.0
Allentown, PA	Northampton, PA	cold	6	Oneida, NY	30.5	30.6	216.0	86.7
Allentown, PA	Northampton, PA	cold	6	Onondaga, NY	26.8	31.5	495.6	261.6
Allentown, PA	Northampton, PA	cold	6	Orange, NY	26.4	43.1	527.3	933.2
Allentown, PA	Northampton, PA	cold	6	Otsego, NY	18.7	17.7	65.3	22.7
Allentown, PA	Northampton, PA	cold	6	Passaic, NJ	13.3	7.7	248.2	20.7
Allentown, PA	Northampton, PA	cold	6	Perry, PA	6.6	6.9	71.2	12.6
Allentown, PA	Northampton, PA	cold	6	Philadelphia, PA	35.3	27.3	1096.2	319.6
Allentown, PA	Northampton, PA	cold	6	Pike, PA	11.8	10.6	66.6	7.5
Allentown, PA	Northampton, PA	cold	6	Potter, PA	3.7	4.0	55.2	5.2
Allentown, PA	Northampton, PA	cold	6	Putnam, NY	8.7	9.0	151.9	31.6
Allentown, PA	Northampton, PA	cold	6	Rensselaer, NY	20.9	19.8	119.9	51.4
Allentown, PA	Northampton, PA	cold	6	Rockland, NY	9.3	23.2	361.6	359.8
Allentown, PA	Northampton, PA	cold	6	Salem, NJ	8.9	21.5	204.9	168.3
Allentown, PA	Northampton, PA	cold	6	Schenectady, NY	7.5	8.0	133.1	49.5
Allentown, PA	Northampton, PA	cold	6	Schoharie, NY	10.7	10.1	47.4	10.9
Allentown, PA	Northampton, PA	cold	6	Schuylkill, PA	15.5	18.0	176.0	204.9
Allentown, PA	Northampton, PA	cold	6	Snyder, PA	5.9	24.6	125.5	798.1
Allentown, PA	Northampton, PA	cold	6	Somerset, NJ	12.8	9.6	223.2	16.3
Allentown, PA	Northampton, PA	cold	6	Sullivan, NY	15.9	14.7	62.3	26.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Allentown, PA	Northampton, PA	cold	6	Sullivan, PA	2.6	3.0	8.7	1.8
Allentown, PA	Northampton, PA	cold	6	Susquehanna, PA	7.4	7.5	58.5	9.4
Allentown, PA	Northampton, PA	cold	6	Sussex, NJ	21.0	14.5	77.2	18.9
Allentown, PA	Northampton, PA	cold	6	Tioga, NY	13.3	13.5	60.1	24.4
Allentown, PA	Northampton, PA	cold	6	Tioga, PA	7.0	8.9	56.9	9.0
Allentown, PA	Northampton, PA	cold	6	Tompkins, NY	17.4	23.0	141.7	145.7
Allentown, PA	Northampton, PA	cold	6	Ulster, NY	25.6	26.9	171.3	89.6
Allentown, PA	Northampton, PA	cold	6	Union, NJ	17.1	10.3	567.2	107.7
Allentown, PA	Northampton, PA	cold	6	Union, PA	4.1	5.5	56.3	10.2
Allentown, PA	Northampton, PA	cold	6	Warren, NJ	16.6	13.6	144.0	15.9
Allentown, PA	Northampton, PA	cold	6	Wayne, PA	9.7	9.0	43.4	13.6
Allentown, PA	Northampton, PA	cold	6	Westchester, NY	26.8	20.2	700.6	135.0
Allentown, PA	Northampton, PA	cold	6	Wyoming, PA	5.9	6.5	47.9	9.5
Allentown, PA	Northampton, PA	cold	6	York, PA	34.5	159.5	911.7	3357.2
Allentown, PA	Northampton, PA	warm	13	Adams, PA	37.7	57.5	240.1	49.3
Allentown, PA	Northampton, PA	warm	13	Albany, NY	65.5	83.1	1577.3	1654.4
Allentown, PA	Northampton, PA	warm	13	Atlantic, NJ	88.8	51.2	621.2	63.9
Allentown, PA	Northampton, PA	warm	13	Baltimore, MD	160.7	334.0	2928.6	3791.8
Allentown, PA	Northampton, PA	warm	13	Bergen, NJ	75.3	25.7	2024.5	143.7
Allentown, PA	Northampton, PA	warm	13	Berks, PA	78.4	186.7	1536.7	1603.6
Allentown, PA	Northampton, PA	warm	13	Berkshire, MA	68.5	60.2	495.6	152.3
Allentown, PA	Northampton, PA	warm	13	Bradford, PA	29.0	31.8	198.2	63.1
Allentown, PA	Northampton, PA	warm	13	Bronx, NY	45.4	41.2	1220.3	314.6
Allentown, PA	Northampton, PA	warm	13	Broome, NY	64.0	97.1	735.2	1186.2
Allentown, PA	Northampton, PA	warm	13	Bucks, PA	74.5	90.2	1426.8	335.7
Allentown, PA	Northampton, PA	warm	13	Burlington, NJ	96.6	62.6	1322.9	286.1
Allentown, PA	Northampton, PA	warm	13	Camden, NJ	50.7	28.5	1177.0	156.3
Allentown, PA	Northampton, PA	warm	13	Cape May, NJ	50.8	80.0	663.8	925.9
Allentown, PA	Northampton, PA	warm	13	Carbon, PA	26.6	26.9	247.5	121.7
Allentown, PA	Northampton, PA	warm	13	Carroll, MD	55.5	69.7	544.6	125.4
Allentown, PA	Northampton, PA	warm	13	Cayuga, NY	47.0	61.3	332.8	110.8
Allentown, PA	Northampton, PA	warm	13	Cecil, MD	37.8	34.7	336.6	110.3
Allentown, PA	Northampton, PA	warm	13	Centre, PA	39.6	56.1	565.1	485.0
Allentown, PA	Northampton, PA	warm	13	Chemung, NY	33.7	42.5	290.4	134.7
Allentown, PA	Northampton, PA	warm	13	Chenango, NY	52.4	49.0	140.6	71.9
Allentown, PA	Northampton, PA	warm	13	Chester, PA	67.9	104.4	1402.5	678.9
Allentown, PA	Northampton, PA	warm	13	Clinton, PA	17.3	15.1	245.2	47.7
Allentown, PA	Northampton, PA	warm	13	Columbia, NY	34.8	39.3	214.6	78.9
Allentown, PA	Northampton, PA	warm	13	Columbia, PA	17.2	27.2	224.9	67.3
Allentown, PA	Northampton, PA	warm	13	Cortland, NY	30.7	32.6	152.3	53.7
Allentown, PA	Northampton, PA	warm	13	Cumberland, NJ	37.4	34.7	554.5	271.6
Allentown, PA	Northampton, PA	warm	13	Cumberland, PA	59.3	73.2	1228.1	167.9
Allentown, PA	Northampton, PA	warm	13	Dauphin, PA	44.8	43.6	1066.1	207.6
Allentown, PA	Northampton, PA	warm	13	Delaware, NY	62.0	54.2	190.4	87.6
Allentown, PA	Northampton, PA	warm	13	Delaware, PA	73.5	105.3	2795.7	1729.6
Allentown, PA	Northampton, PA	warm	13	Dutchess, NY	66.5	74.6	675.9	394.0
Allentown, PA	Northampton, PA	warm	13	Essex, NJ	54.2	22.0	1888.0	394.8
Allentown, PA	Northampton, PA	warm	13	Fairfield, CT	138.5	109.8	2241.6	810.0
Allentown, PA	Northampton, PA	warm	13	Franklin, PA	32.7	55.9	464.8	72.3
Allentown, PA	Northampton, PA	warm	13	Gloucester, NJ	57.5	65.2	1080.0	604.6
Allentown, PA	Northampton, PA	warm	13	Greene, NY	35.0	40.9	475.8	340.3
Allentown, PA	Northampton, PA	warm	13	Harford, MD	74.7	72.6	621.1	196.1
Allentown, PA	Northampton, PA	warm	13	Herkimer, NY	46.3	44.2	316.0	77.8
Allentown, PA	Northampton, PA	warm	13	Hudson, NJ	57.1	163.7	2284.7	2320.1
Allentown, PA	Northampton, PA	warm	13	Hunterdon, NJ	38.5	26.0	329.9	47.2
Allentown, PA	Northampton, PA	warm	13	Huntingdon, PA	21.9	25.3	214.7	67.2
Allentown, PA	Northampton, PA	warm	13	Juniata, PA	10.6	13.8	153.5	21.4
Allentown, PA	Northampton, PA	warm	13	Kent, DE	36.9	43.2	772.2	380.5
Allentown, PA	Northampton, PA	warm	13	Kent, MD	13.7	23.3	85.1	40.0
Allentown, PA	Northampton, PA	warm	13	Lackawanna, PA	28.4	38.5	565.9	108.4
Allentown, PA	Northampton, PA	warm	13	Lancaster, PA	98.5	167.3	1393.2	341.3
Allentown, PA	Northampton, PA	warm	13	Lebanon, PA	28.8	41.5	499.3	151.0
Allentown, PA	Northampton, PA	warm	13	Lehigh, PA	42.6	61.9	977.4	318.5
Allentown, PA	Northampton, PA	warm	13	Litchfield, CT	80.6	59.4	373.9	104.8
Allentown, PA	Northampton, PA	warm	13	Luzerne, PA	66.5	68.8	882.6	608.1
Allentown, PA	Northampton, PA	warm	13	Lycoming, PA	26.1	29.8	364.5	92.5
Allentown, PA	Northampton, PA	warm	13	Madison, NY	40.1	44.2	244.5	71.7
Allentown, PA	Northampton, PA	warm	13	Mercer, NJ	49.2	80.1	1498.9	1520.2
Allentown, PA	Northampton, PA	warm	13	Middlesex, NJ	80.8	41.6	2478.7	265.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Allentown, PA	Northampton, PA	warm	13	Mifflin, PA	20.8	24.6	229.0	41.6
Allentown, PA	Northampton, PA	warm	13	Monmouth, NJ	84.0	40.5	1424.9	152.0
Allentown, PA	Northampton, PA	warm	13	Monroe, PA	50.1	45.4	445.7	86.8
Allentown, PA	Northampton, PA	warm	13	Montgomery, NY	27.0	33.0	306.2	77.4
Allentown, PA	Northampton, PA	warm	13	Montgomery, PA	95.0	115.6	1980.2	459.8
Allentown, PA	Northampton, PA	warm	13	Montour, PA	35.7	541.2	1190.1	10854.6
Allentown, PA	Northampton, PA	warm	13	Morris, NJ	81.0	44.2	1170.3	100.0
Allentown, PA	Northampton, PA	warm	13	New Castle, DE	75.7	101.8	2403.8	4329.5
Allentown, PA	Northampton, PA	warm	13	New York, NY	158.4	112.8	3121.9	1109.7
Allentown, PA	Northampton, PA	warm	13	Northampton, PA	56.5	317.7	2091.9	5131.6
Allentown, PA	Northampton, PA	warm	13	Northumberland, PA	26.2	34.0	292.5	127.9
Allentown, PA	Northampton, PA	warm	13	Ocean, NJ	84.4	44.6	813.8	90.1
Allentown, PA	Northampton, PA	warm	13	Oneida, NY	91.5	91.9	648.4	260.2
Allentown, PA	Northampton, PA	warm	13	Onondaga, NY	80.4	94.5	1487.9	785.4
Allentown, PA	Northampton, PA	warm	13	Orange, NY	79.3	129.4	1583.0	2801.7
Allentown, PA	Northampton, PA	warm	13	Otsego, NY	56.2	53.2	196.1	68.1
Allentown, PA	Northampton, PA	warm	13	Passaic, NJ	40.0	23.0	745.1	62.3
Allentown, PA	Northampton, PA	warm	13	Perry, PA	19.8	20.9	213.7	37.7
Allentown, PA	Northampton, PA	warm	13	Philadelphia, PA	106.0	82.0	3291.1	959.5
Allentown, PA	Northampton, PA	warm	13	Pike, PA	35.5	31.7	199.9	22.6
Allentown, PA	Northampton, PA	warm	13	Potter, PA	11.2	12.1	165.7	15.6
Allentown, PA	Northampton, PA	warm	13	Putnam, NY	26.0	26.9	456.0	94.8
Allentown, PA	Northampton, PA	warm	13	Rensselaer, NY	62.7	59.3	360.0	154.4
Allentown, PA	Northampton, PA	warm	13	Rockland, NY	27.8	69.8	1085.6	1080.0
Allentown, PA	Northampton, PA	warm	13	Salem, NJ	26.7	64.6	615.2	505.3
Allentown, PA	Northampton, PA	warm	13	Schenectady, NY	22.6	24.1	399.7	148.7
Allentown, PA	Northampton, PA	warm	13	Schoharie, NY	32.1	30.3	142.2	32.9
Allentown, PA	Northampton, PA	warm	13	Schuylkill, PA	46.5	54.1	528.4	615.1
Allentown, PA	Northampton, PA	warm	13	Snyder, PA	17.6	73.8	376.8	2396.0
Allentown, PA	Northampton, PA	warm	13	Somerset, NJ	38.3	28.8	670.1	49.0
Allentown, PA	Northampton, PA	warm	13	Sullivan, NY	47.7	44.2	187.1	78.3
Allentown, PA	Northampton, PA	warm	13	Sullivan, PA	7.9	8.9	26.1	5.5
Allentown, PA	Northampton, PA	warm	13	Susquehanna, PA	22.2	22.4	175.7	28.2
Allentown, PA	Northampton, PA	warm	13	Sussex, NJ	63.2	43.6	231.6	56.8
Allentown, PA	Northampton, PA	warm	13	Tioga, NY	39.9	40.6	180.5	73.3
Allentown, PA	Northampton, PA	warm	13	Tioga, PA	20.9	26.8	170.7	27.1
Allentown, PA	Northampton, PA	warm	13	Tompkins, NY	52.3	69.0	425.4	437.3
Allentown, PA	Northampton, PA	warm	13	Ulster, NY	76.7	80.8	514.4	269.1
Allentown, PA	Northampton, PA	warm	13	Union, NJ	51.2	31.0	1702.8	323.4
Allentown, PA	Northampton, PA	warm	13	Union, PA	12.3	16.5	169.0	30.5
Allentown, PA	Northampton, PA	warm	13	Warren, NJ	49.9	40.8	432.3	47.9
Allentown, PA	Northampton, PA	warm	13	Wayne, PA	29.0	27.1	130.3	40.9
Allentown, PA	Northampton, PA	warm	13	Westchester, NY	80.4	60.6	2103.4	405.3
Allentown, PA	Northampton, PA	warm	13	Wyoming, PA	17.8	19.5	143.9	28.7
Allentown, PA	Northampton, PA	warm	13	York, PA	103.4	478.9	2737.1	10078.9
Atlanta, GA	Clayton, GA	cold	4	Baldwin, GA	3.0	4.1	25.8	7.6
Atlanta, GA	Clayton, GA	cold	4	Banks, GA	1.6	2.6	15.0	2.6
Atlanta, GA	Clayton, GA	cold	4	Barrow, GA	5.4	7.9	36.9	7.2
Atlanta, GA	Clayton, GA	cold	4	Bartow, GA	15.8	155.3	599.6	3573.2
Atlanta, GA	Clayton, GA	cold	4	Bibb, GA	5.6	8.8	158.8	46.9
Atlanta, GA	Clayton, GA	cold	4	Bradley, TN	5.8	15.3	67.8	21.1
Atlanta, GA	Clayton, GA	cold	4	Butts, GA	2.7	3.1	23.2	3.3
Atlanta, GA	Clayton, GA	cold	4	Calhoun, AL	11.1	12.0	158.9	41.1
Atlanta, GA	Clayton, GA	cold	4	Carroll, GA	10.0	14.2	78.5	21.2
Atlanta, GA	Clayton, GA	cold	4	Catoosa, GA	3.5	5.1	51.9	7.0
Atlanta, GA	Clayton, GA	cold	4	Chambers, AL	4.6	4.9	39.3	11.4
Atlanta, GA	Clayton, GA	cold	4	Chattahoochee, GA	1.8	1.6	5.0	0.5
Atlanta, GA	Clayton, GA	cold	4	Chattooga, GA	2.5	4.0	33.0	38.0
Atlanta, GA	Clayton, GA	cold	4	Cherokee, AL	4.5	6.6	23.8	4.1
Atlanta, GA	Clayton, GA	cold	4	Cherokee, GA	12.8	14.0	102.6	12.8
Atlanta, GA	Clayton, GA	cold	4	Cherokee, NC	3.5	3.4	13.7	2.2
Atlanta, GA	Clayton, GA	cold	4	Clarke, GA	4.1	6.8	80.0	21.4
Atlanta, GA	Clayton, GA	cold	4	Clay, AL	3.7	3.3	17.7	3.8
Atlanta, GA	Clayton, GA	cold	4	Clayton, GA	6.4	4.9	283.3	27.8
Atlanta, GA	Clayton, GA	cold	4	Cleburne, AL	5.7	3.5	33.1	3.3
Atlanta, GA	Clayton, GA	cold	4	Cobb, GA	20.3	37.7	555.1	603.0
Atlanta, GA	Clayton, GA	cold	4	Coosa, AL	4.2	3.9	15.3	2.1
Atlanta, GA	Clayton, GA	cold	4	Coweta, GA	11.3	56.0	311.1	1269.9
Atlanta, GA	Clayton, GA	cold	4	Crawford, GA	1.9	2.5	8.6	0.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Atlanta, GA	Clayton, GA	cold	4	Dade, GA	1.6	2.4	26.1	2.9
Atlanta, GA	Clayton, GA	cold	4	Dawson, GA	3.1	3.2	12.2	1.7
Atlanta, GA	Clayton, GA	cold	4	DeKalb, AL	7.4	10.6	62.2	16.2
Atlanta, GA	Clayton, GA	cold	4	DeKalb, GA	19.0	12.5	487.0	63.4
Atlanta, GA	Clayton, GA	cold	4	Douglas, GA	7.5	7.1	96.5	8.9
Atlanta, GA	Clayton, GA	cold	4	Elbert, GA	2.2	3.6	19.3	6.4
Atlanta, GA	Clayton, GA	cold	4	Elmore, AL	6.6	7.6	64.0	12.4
Atlanta, GA	Clayton, GA	cold	4	Etowah, AL	4.8	13.2	116.6	208.6
Atlanta, GA	Clayton, GA	cold	4	Fannin, GA	4.3	4.7	16.6	3.1
Atlanta, GA	Clayton, GA	cold	4	Fayette, GA	5.6	8.7	54.3	12.1
Atlanta, GA	Clayton, GA	cold	4	Floyd, GA	9.9	37.1	276.2	858.5
Atlanta, GA	Clayton, GA	cold	4	Forsyth, GA	8.7	13.1	73.9	13.9
Atlanta, GA	Clayton, GA	cold	4	Franklin, GA	2.5	4.1	28.1	4.9
Atlanta, GA	Clayton, GA	cold	4	Fulton, GA	32.4	23.0	823.5	139.6
Atlanta, GA	Clayton, GA	cold	4	Gilmer, GA	3.6	4.4	21.7	6.9
Atlanta, GA	Clayton, GA	cold	4	Gordon, GA	5.0	8.1	61.5	20.6
Atlanta, GA	Clayton, GA	cold	4	Greene, GA	3.0	2.9	21.2	3.8
Atlanta, GA	Clayton, GA	cold	4	Gwinnett, GA	20.6	16.1	446.2	73.7
Atlanta, GA	Clayton, GA	cold	4	Habersham, GA	3.6	5.3	29.7	9.7
Atlanta, GA	Clayton, GA	cold	4	Hall, GA	8.8	18.0	101.9	54.7
Atlanta, GA	Clayton, GA	cold	4	Hamilton, TN	12.7	14.1	337.4	93.5
Atlanta, GA	Clayton, GA	cold	4	Hancock, GA	2.0	1.8	6.9	0.8
Atlanta, GA	Clayton, GA	cold	4	Haralson, GA	2.7	3.6	23.9	4.9
Atlanta, GA	Clayton, GA	cold	4	Harris, GA	7.0	5.4	30.9	4.6
Atlanta, GA	Clayton, GA	cold	4	Hart, GA	2.5	5.0	20.5	6.5
Atlanta, GA	Clayton, GA	cold	4	Heard, GA	6.9	68.7	284.9	1917.5
Atlanta, GA	Clayton, GA	cold	4	Henry, GA	12.6	15.0	160.1	11.5
Atlanta, GA	Clayton, GA	cold	4	Houston, GA	5.3	7.7	140.3	35.7
Atlanta, GA	Clayton, GA	cold	4	Jackson, GA	6.1	7.7	59.1	10.5
Atlanta, GA	Clayton, GA	cold	4	Jasper, GA	8.5	6.5	13.9	3.2
Atlanta, GA	Clayton, GA	cold	4	Jones, GA	7.4	4.6	24.1	2.7
Atlanta, GA	Clayton, GA	cold	4	Lamar, GA	2.1	2.8	13.5	3.4
Atlanta, GA	Clayton, GA	cold	4	Lee, AL	7.5	7.4	85.2	28.1
Atlanta, GA	Clayton, GA	cold	4	Lumpkin, GA	2.5	3.0	15.2	2.4
Atlanta, GA	Clayton, GA	cold	4	Macon, AL	13.4	8.8	32.3	5.5
Atlanta, GA	Clayton, GA	cold	4	Macon, GA	4.9	6.3	34.8	6.5
Atlanta, GA	Clayton, GA	cold	4	Madison, GA	3.1	5.4	77.1	6.7
Atlanta, GA	Clayton, GA	cold	4	Marion, GA	2.3	2.6	6.9	4.1
Atlanta, GA	Clayton, GA	cold	4	Meriwether, GA	5.4	5.1	27.1	5.7
Atlanta, GA	Clayton, GA	cold	4	Monroe, GA	6.7	51.6	389.4	1566.7
Atlanta, GA	Clayton, GA	cold	4	Morgan, GA	5.1	4.4	28.1	4.5
Atlanta, GA	Clayton, GA	cold	4	Murray, GA	3.1	5.1	32.4	14.5
Atlanta, GA	Clayton, GA	cold	4	Muscogee, GA	4.8	6.1	94.7	34.8
Atlanta, GA	Clayton, GA	cold	4	Newton, GA	7.2	9.6	48.9	12.2
Atlanta, GA	Clayton, GA	cold	4	Oconee, GA	3.2	4.5	26.4	3.2
Atlanta, GA	Clayton, GA	cold	4	Oconee, SC	6.4	7.5	49.9	10.0
Atlanta, GA	Clayton, GA	cold	4	Oglethorpe, GA	1.9	2.2	8.3	0.8
Atlanta, GA	Clayton, GA	cold	4	Paulding, GA	8.5	9.8	49.1	4.7
Atlanta, GA	Clayton, GA	cold	4	Peach, GA	3.1	5.8	28.7	7.6
Atlanta, GA	Clayton, GA	cold	4	Pickens, GA	3.1	4.7	17.8	3.4
Atlanta, GA	Clayton, GA	cold	4	Pike, GA	2.4	3.0	9.0	0.9
Atlanta, GA	Clayton, GA	cold	4	Polk, GA	3.8	5.2	30.0	6.5
Atlanta, GA	Clayton, GA	cold	4	Polk, TN	1.6	2.5	12.7	37.2
Atlanta, GA	Clayton, GA	cold	4	Putnam, GA	8.4	74.1	395.1	1713.0
Atlanta, GA	Clayton, GA	cold	4	Rabun, GA	2.9	3.3	15.6	4.6
Atlanta, GA	Clayton, GA	cold	4	Randolph, AL	3.2	3.3	169.4	4.6
Atlanta, GA	Clayton, GA	cold	4	Rockdale, GA	2.5	5.7	64.8	15.5
Atlanta, GA	Clayton, GA	cold	4	Russell, AL	21.2	15.8	94.5	153.2
Atlanta, GA	Clayton, GA	cold	4	Schley, GA	1.4	1.9	3.5	1.6
Atlanta, GA	Clayton, GA	cold	4	Shelby, AL	17.1	113.4	689.6	2463.4
Atlanta, GA	Clayton, GA	cold	4	Spalding, GA	3.4	6.6	36.1	11.9
Atlanta, GA	Clayton, GA	cold	4	St. Clair, AL	5.9	7.0	118.7	17.1
Atlanta, GA	Clayton, GA	cold	4	Stephens, GA	2.1	3.7	19.9	8.2
Atlanta, GA	Clayton, GA	cold	4	Stewart, GA	4.8	2.8	7.8	2.0
Atlanta, GA	Clayton, GA	cold	4	Sumter, GA	7.2	13.0	31.4	18.9
Atlanta, GA	Clayton, GA	cold	4	Talbot, GA	3.1	2.1	13.5	1.3
Atlanta, GA	Clayton, GA	cold	4	Taliaferro, GA	0.7	1.0	6.9	0.4
Atlanta, GA	Clayton, GA	cold	4	Talladega, AL	9.1	10.2	79.4	20.2
Atlanta, GA	Clayton, GA	cold	4	Tallapoosa, AL	4.0	4.2	38.3	13.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Atlanta, GA	Clayton, GA	cold	4	Taylor, GA	2.3	2.9	13.5	1.2
Atlanta, GA	Clayton, GA	cold	4	Towns, GA	1.7	2.2	6.9	0.6
Atlanta, GA	Clayton, GA	cold	4	Troup, GA	5.2	7.2	64.8	22.6
Atlanta, GA	Clayton, GA	cold	4	Twiggs, GA	2.5	6.4	17.6	1.1
Atlanta, GA	Clayton, GA	cold	4	Union, GA	3.1	3.6	14.1	1.5
Atlanta, GA	Clayton, GA	cold	4	Upson, GA	2.2	3.3	19.0	7.9
Atlanta, GA	Clayton, GA	cold	4	Walker, GA	3.4	5.8	37.6	19.4
Atlanta, GA	Clayton, GA	cold	4	Walton, GA	7.1	8.3	42.2	6.8
Atlanta, GA	Clayton, GA	cold	4	Webster, GA	1.9	2.1	4.8	0.9
Atlanta, GA	Clayton, GA	cold	4	White, GA	3.3	3.6	13.1	2.0
Atlanta, GA	Clayton, GA	cold	4	Whitfield, GA	5.9	14.6	132.8	81.2
Atlanta, GA	Clayton, GA	cold	4	Wilkinson, GA	2.9	9.3	23.2	11.7
Atlanta, GA	Clayton, GA	warm	10	Baldwin, GA	10.4	14.2	89.4	26.4
Atlanta, GA	Clayton, GA	warm	10	Banks, GA	5.7	9.1	51.8	9.1
Atlanta, GA	Clayton, GA	warm	10	Barrow, GA	18.7	27.5	128.0	25.0
Atlanta, GA	Clayton, GA	warm	10	Bartow, GA	54.7	538.0	2077.1	12377.8
Atlanta, GA	Clayton, GA	warm	10	Bibb, GA	19.3	30.4	549.9	162.5
Atlanta, GA	Clayton, GA	warm	10	Bradley, TN	20.3	53.1	234.9	73.3
Atlanta, GA	Clayton, GA	warm	10	Butts, GA	9.3	10.9	80.4	11.4
Atlanta, GA	Clayton, GA	warm	10	Calhoun, AL	38.5	41.7	550.4	142.3
Atlanta, GA	Clayton, GA	warm	10	Carroll, GA	34.8	49.2	272.0	73.4
Atlanta, GA	Clayton, GA	warm	10	Catoosa, GA	12.2	17.7	179.8	24.3
Atlanta, GA	Clayton, GA	warm	10	Chambers, AL	15.8	16.9	136.2	39.5
Atlanta, GA	Clayton, GA	warm	10	Chattahoochee, GA	6.1	5.6	17.2	1.7
Atlanta, GA	Clayton, GA	warm	10	Chattooga, GA	8.5	13.7	114.2	131.8
Atlanta, GA	Clayton, GA	warm	10	Cherokee, AL	15.7	22.8	82.6	14.1
Atlanta, GA	Clayton, GA	warm	10	Cherokee, GA	44.5	48.6	355.6	44.2
Atlanta, GA	Clayton, GA	warm	10	Cherokee, NC	12.2	11.9	47.3	7.8
Atlanta, GA	Clayton, GA	warm	10	Clarke, GA	14.2	23.5	277.3	74.0
Atlanta, GA	Clayton, GA	warm	10	Clay, AL	12.9	11.3	61.2	13.2
Atlanta, GA	Clayton, GA	warm	10	Clayton, GA	22.0	17.1	981.4	96.4
Atlanta, GA	Clayton, GA	warm	10	Cleburne, AL	19.6	12.0	114.8	11.3
Atlanta, GA	Clayton, GA	warm	10	Cobb, GA	70.3	130.5	1923.0	2088.8
Atlanta, GA	Clayton, GA	warm	10	Coosa, AL	14.4	13.6	52.9	7.2
Atlanta, GA	Clayton, GA	warm	10	Coweta, GA	39.2	194.1	1077.6	4399.1
Atlanta, GA	Clayton, GA	warm	10	Crawford, GA	6.5	8.6	29.8	2.8
Atlanta, GA	Clayton, GA	warm	10	Dade, GA	5.4	8.4	90.3	10.1
Atlanta, GA	Clayton, GA	warm	10	Dawson, GA	10.6	11.2	42.3	5.7
Atlanta, GA	Clayton, GA	warm	10	DeKalb, AL	25.5	36.7	215.6	56.1
Atlanta, GA	Clayton, GA	warm	10	DeKalb, GA	66.0	43.4	1687.0	219.8
Atlanta, GA	Clayton, GA	warm	10	Douglas, GA	25.9	24.7	334.3	30.7
Atlanta, GA	Clayton, GA	warm	10	Elbert, GA	7.8	12.4	66.9	22.3
Atlanta, GA	Clayton, GA	warm	10	Elmore, AL	22.8	26.4	221.7	43.0
Atlanta, GA	Clayton, GA	warm	10	Etowah, AL	16.7	45.6	404.0	722.6
Atlanta, GA	Clayton, GA	warm	10	Fannin, GA	14.9	16.3	57.5	10.7
Atlanta, GA	Clayton, GA	warm	10	Fayette, GA	19.4	30.2	188.0	41.8
Atlanta, GA	Clayton, GA	warm	10	Floyd, GA	34.3	128.6	956.8	2974.0
Atlanta, GA	Clayton, GA	warm	10	Forsyth, GA	30.3	45.5	256.2	48.2
Atlanta, GA	Clayton, GA	warm	10	Franklin, GA	8.6	14.1	97.5	16.9
Atlanta, GA	Clayton, GA	warm	10	Fulton, GA	112.3	79.6	2852.7	483.6
Atlanta, GA	Clayton, GA	warm	10	Gilmer, GA	12.6	15.1	75.2	23.8
Atlanta, GA	Clayton, GA	warm	10	Gordon, GA	17.5	28.0	213.0	71.4
Atlanta, GA	Clayton, GA	warm	10	Greene, GA	10.4	10.0	73.6	13.3
Atlanta, GA	Clayton, GA	warm	10	Gwinnett, GA	71.5	55.7	1545.8	255.2
Atlanta, GA	Clayton, GA	warm	10	Habersham, GA	12.4	18.2	102.8	33.8
Atlanta, GA	Clayton, GA	warm	10	Hall, GA	30.3	62.3	353.0	189.6
Atlanta, GA	Clayton, GA	warm	10	Hamilton, TN	43.9	48.9	1168.9	323.9
Atlanta, GA	Clayton, GA	warm	10	Hancock, GA	7.0	6.3	23.8	2.6
Atlanta, GA	Clayton, GA	warm	10	Haralson, GA	9.4	12.6	82.9	16.9
Atlanta, GA	Clayton, GA	warm	10	Harris, GA	24.2	18.6	106.9	15.9
Atlanta, GA	Clayton, GA	warm	10	Hart, GA	8.7	17.4	70.9	22.6
Atlanta, GA	Clayton, GA	warm	10	Heard, GA	23.8	238.1	987.0	6642.4
Atlanta, GA	Clayton, GA	warm	10	Henry, GA	43.8	51.9	554.8	39.9
Atlanta, GA	Clayton, GA	warm	10	Houston, GA	18.4	26.5	485.8	123.8
Atlanta, GA	Clayton, GA	warm	10	Jackson, GA	21.1	26.6	204.7	36.5
Atlanta, GA	Clayton, GA	warm	10	Jasper, GA	29.5	22.5	48.2	11.0
Atlanta, GA	Clayton, GA	warm	10	Jones, GA	25.5	16.0	83.7	9.4
Atlanta, GA	Clayton, GA	warm	10	Lamar, GA	7.4	9.6	46.7	11.9
Atlanta, GA	Clayton, GA	warm	10	Lee, AL	25.9	25.5	295.1	97.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Atlanta, GA	Clayton, GA	warm	10	Lumpkin, GA	8.8	10.3	52.5	8.3
Atlanta, GA	Clayton, GA	warm	10	Macon, AL	46.6	30.5	112.0	19.1
Atlanta, GA	Clayton, GA	warm	10	Macon, GA	17.1	21.9	120.5	22.6
Atlanta, GA	Clayton, GA	warm	10	Madison, GA	10.7	18.8	267.1	23.1
Atlanta, GA	Clayton, GA	warm	10	Marion, GA	7.9	9.0	23.9	14.0
Atlanta, GA	Clayton, GA	warm	10	Meriwether, GA	18.8	17.6	93.7	19.6
Atlanta, GA	Clayton, GA	warm	10	Monroe, GA	23.2	178.6	1348.9	5427.3
Atlanta, GA	Clayton, GA	warm	10	Morgan, GA	17.6	15.3	97.2	15.6
Atlanta, GA	Clayton, GA	warm	10	Murray, GA	10.9	17.6	112.4	50.4
Atlanta, GA	Clayton, GA	warm	10	Muscogee, GA	16.5	21.2	328.1	120.4
Atlanta, GA	Clayton, GA	warm	10	Newton, GA	25.0	33.3	169.2	42.3
Atlanta, GA	Clayton, GA	warm	10	Oconee, GA	11.1	15.5	91.4	11.2
Atlanta, GA	Clayton, GA	warm	10	Oconee, SC	22.3	25.9	172.9	34.8
Atlanta, GA	Clayton, GA	warm	10	Oglethorpe, GA	6.4	7.5	28.9	2.7
Atlanta, GA	Clayton, GA	warm	10	Paulding, GA	29.6	33.9	170.2	16.4
Atlanta, GA	Clayton, GA	warm	10	Peach, GA	10.8	20.2	99.5	26.5
Atlanta, GA	Clayton, GA	warm	10	Pickens, GA	10.7	16.3	61.7	11.8
Atlanta, GA	Clayton, GA	warm	10	Pike, GA	8.2	10.2	31.1	3.0
Atlanta, GA	Clayton, GA	warm	10	Polk, GA	13.3	18.1	103.8	22.7
Atlanta, GA	Clayton, GA	warm	10	Polk, TN	5.4	8.7	44.1	129.0
Atlanta, GA	Clayton, GA	warm	10	Putnam, GA	29.1	256.8	1368.6	5934.0
Atlanta, GA	Clayton, GA	warm	10	Rabun, GA	10.0	11.4	54.0	15.9
Atlanta, GA	Clayton, GA	warm	10	Randolph, AL	11.2	11.3	586.7	15.8
Atlanta, GA	Clayton, GA	warm	10	Rockdale, GA	8.6	19.8	224.3	53.8
Atlanta, GA	Clayton, GA	warm	10	Russell, AL	73.4	54.7	327.4	530.8
Atlanta, GA	Clayton, GA	warm	10	Schley, GA	5.0	6.5	12.3	5.7
Atlanta, GA	Clayton, GA	warm	10	Shelby, AL	59.2	392.9	2388.7	8533.2
Atlanta, GA	Clayton, GA	warm	10	Spalding, GA	11.7	22.8	125.2	41.4
Atlanta, GA	Clayton, GA	warm	10	St. Clair, AL	20.4	24.3	411.2	59.1
Atlanta, GA	Clayton, GA	warm	10	Stephens, GA	7.4	13.0	68.9	28.5
Atlanta, GA	Clayton, GA	warm	10	Stewart, GA	16.8	9.8	27.0	6.9
Atlanta, GA	Clayton, GA	warm	10	Sumter, GA	25.0	45.0	108.9	65.5
Atlanta, GA	Clayton, GA	warm	10	Talbot, GA	10.6	7.2	46.6	4.4
Atlanta, GA	Clayton, GA	warm	10	Taliaferro, GA	2.3	3.4	23.9	1.3
Atlanta, GA	Clayton, GA	warm	10	Talladega, AL	31.5	35.3	275.0	69.8
Atlanta, GA	Clayton, GA	warm	10	Tallapoosa, AL	13.7	14.6	132.7	47.2
Atlanta, GA	Clayton, GA	warm	10	Taylor, GA	8.0	10.2	46.7	4.1
Atlanta, GA	Clayton, GA	warm	10	Towns, GA	5.8	7.6	24.1	2.1
Atlanta, GA	Clayton, GA	warm	10	Troup, GA	18.1	25.1	224.5	78.2
Atlanta, GA	Clayton, GA	warm	10	Twiggs, GA	8.8	22.0	61.0	3.8
Atlanta, GA	Clayton, GA	warm	10	Union, GA	10.8	12.4	49.0	5.3
Atlanta, GA	Clayton, GA	warm	10	Upson, GA	7.7	11.6	65.8	27.2
Atlanta, GA	Clayton, GA	warm	10	Walker, GA	11.8	20.2	130.2	67.3
Atlanta, GA	Clayton, GA	warm	10	Walton, GA	24.7	28.9	146.0	23.7
Atlanta, GA	Clayton, GA	warm	10	Webster, GA	6.5	7.2	16.6	3.2
Atlanta, GA	Clayton, GA	warm	10	White, GA	11.5	12.5	45.3	7.1
Atlanta, GA	Clayton, GA	warm	10	Whitfield, GA	20.6	50.7	460.0	281.4
Atlanta, GA	Clayton, GA	warm	10	Wilkinson, GA	10.0	32.1	80.3	40.6
Baltimore, MD	Baltimore (City), MD	cold	27	Adams, PA	23.0	35.1	146.6	30.1
Baltimore, MD	Baltimore (City), MD	cold	27	Alexandria (City), VA	7.6	42.9	315.9	466.5
Baltimore, MD	Baltimore (City), MD	cold	27	Allegany, MD	22.0	35.9	441.3	1186.5
Baltimore, MD	Baltimore (City), MD	cold	27	Anne Arundel, MD	68.0	162.9	1742.0	3661.5
Baltimore, MD	Baltimore (City), MD	cold	27	Arlington, VA	18.2	15.9	339.5	54.7
Baltimore, MD	Baltimore (City), MD	cold	27	Baltimore (City), MD	40.3	64.2	989.0	591.9
Baltimore, MD	Baltimore (City), MD	cold	27	Baltimore, MD	98.1	203.9	1788.4	2315.5
Baltimore, MD	Baltimore (City), MD	cold	27	Berkeley, WV	25.9	36.7	376.8	124.3
Baltimore, MD	Baltimore (City), MD	cold	27	Berks, PA	47.8	114.0	938.4	979.3
Baltimore, MD	Baltimore (City), MD	cold	27	Calvert, MD	17.4	15.6	96.9	22.0
Baltimore, MD	Baltimore (City), MD	cold	27	Carbon, PA	16.2	16.4	151.2	74.3
Baltimore, MD	Baltimore (City), MD	cold	27	Caroline, VA	10.7	10.1	147.8	9.0
Baltimore, MD	Baltimore (City), MD	cold	27	Carroll, MD	33.9	42.5	332.6	76.6
Baltimore, MD	Baltimore (City), MD	cold	27	Cecil, MD	23.1	21.2	205.6	67.4
Baltimore, MD	Baltimore (City), MD	cold	27	Charles, MD	31.8	131.3	885.1	4217.4
Baltimore, MD	Baltimore (City), MD	cold	27	Chester, PA	41.5	63.7	856.5	414.6
Baltimore, MD	Baltimore (City), MD	cold	27	Clarke, VA	4.5	7.1	48.9	7.0
Baltimore, MD	Baltimore (City), MD	cold	27	Columbia, PA	10.5	16.6	137.4	41.1
Baltimore, MD	Baltimore (City), MD	cold	27	Culpeper, VA	12.0	14.4	99.9	12.7
Baltimore, MD	Baltimore (City), MD	cold	27	Cumberland, PA	36.2	44.7	750.0	102.5
Baltimore, MD	Baltimore (City), MD	cold	27	Dauphin, PA	27.4	26.6	651.1	126.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Baltimore, MD	Baltimore (City), MD	cold	27	Delaware, PA	44.9	64.3	1707.3	1056.2
Baltimore, MD	Baltimore (City), MD	cold	27	District of Columbia, DC	34.2	18.7	694.0	212.2
Baltimore, MD	Baltimore (City), MD	cold	27	Essex, VA	3.8	6.7	32.5	5.1
Baltimore, MD	Baltimore (City), MD	cold	27	Fairfax (City), VA	1.9	4.2	22.4	4.5
Baltimore, MD	Baltimore (City), MD	cold	27	Fairfax, VA	64.0	58.8	1650.9	186.4
Baltimore, MD	Baltimore (City), MD	cold	27	Fauquier, VA	22.9	21.8	212.8	18.6
Baltimore, MD	Baltimore (City), MD	cold	27	Franklin, PA	19.9	34.1	283.8	44.2
Baltimore, MD	Baltimore (City), MD	cold	27	Frederick, MD	54.5	69.5	587.1	481.3
Baltimore, MD	Baltimore (City), MD	cold	27	Fulton, PA	5.6	7.6	93.5	13.4
Baltimore, MD	Baltimore (City), MD	cold	27	Gloucester, NJ	35.1	39.8	659.5	369.2
Baltimore, MD	Baltimore (City), MD	cold	27	Harford, MD	45.6	44.3	379.3	119.7
Baltimore, MD	Baltimore (City), MD	cold	27	Howard, MD	31.1	23.5	513.3	124.7
Baltimore, MD	Baltimore (City), MD	cold	27	Huntingdon, PA	13.4	15.4	131.1	41.1
Baltimore, MD	Baltimore (City), MD	cold	27	Jefferson, WV	12.6	17.1	142.1	30.7
Baltimore, MD	Baltimore (City), MD	cold	27	Juniata, PA	6.5	8.4	93.8	13.1
Baltimore, MD	Baltimore (City), MD	cold	27	Kent, DE	22.5	26.4	471.6	232.3
Baltimore, MD	Baltimore (City), MD	cold	27	Kent, MD	8.4	14.2	52.0	24.4
Baltimore, MD	Baltimore (City), MD	cold	27	King George, VA	6.5	13.6	75.6	32.0
Baltimore, MD	Baltimore (City), MD	cold	27	Lancaster, PA	60.1	102.2	850.8	208.4
Baltimore, MD	Baltimore (City), MD	cold	27	Lebanon, PA	17.6	25.4	304.9	92.2
Baltimore, MD	Baltimore (City), MD	cold	27	Lehigh, PA	26.0	37.8	596.8	194.5
Baltimore, MD	Baltimore (City), MD	cold	27	Loudoun, VA	25.2	25.0	434.3	53.3
Baltimore, MD	Baltimore (City), MD	cold	27	Luzerne, PA	40.6	42.0	539.0	371.3
Baltimore, MD	Baltimore (City), MD	cold	27	Lycoming, PA	15.9	18.2	222.6	56.5
Baltimore, MD	Baltimore (City), MD	cold	27	Mifflin, PA	12.7	15.0	139.8	25.4
Baltimore, MD	Baltimore (City), MD	cold	27	Montgomery, MD	108.7	229.8	1388.7	2168.9
Baltimore, MD	Baltimore (City), MD	cold	27	Montgomery, PA	58.0	70.6	1209.3	280.8
Baltimore, MD	Baltimore (City), MD	cold	27	Montour, PA	21.8	330.5	726.8	6628.5
Baltimore, MD	Baltimore (City), MD	cold	27	Morgan, WV	4.8	7.5	55.6	8.3
Baltimore, MD	Baltimore (City), MD	cold	27	New Castle, DE	46.2	62.2	1467.9	2643.9
Baltimore, MD	Baltimore (City), MD	cold	27	Northumberland, PA	16.0	20.8	178.6	78.1
Baltimore, MD	Baltimore (City), MD	cold	27	Perry, PA	12.1	12.7	130.5	23.0
Baltimore, MD	Baltimore (City), MD	cold	27	Prince George's, MD	79.4	231.7	1813.9	3319.8
Baltimore, MD	Baltimore (City), MD	cold	27	Prince William, VA	27.6	33.1	617.7	373.5
Baltimore, MD	Baltimore (City), MD	cold	27	Queen Anne's, MD	13.5	20.2	107.7	24.9
Baltimore, MD	Baltimore (City), MD	cold	27	Salem, NJ	16.3	39.5	375.7	308.6
Baltimore, MD	Baltimore (City), MD	cold	27	Schuylkill, PA	28.4	33.0	322.7	375.6
Baltimore, MD	Baltimore (City), MD	cold	27	Snyder, PA	10.8	45.1	230.1	1463.2
Baltimore, MD	Baltimore (City), MD	cold	27	Spotsylvania, VA	24.6	23.2	299.9	23.1
Baltimore, MD	Baltimore (City), MD	cold	27	St. Mary's, MD	22.1	20.6	152.5	42.2
Baltimore, MD	Baltimore (City), MD	cold	27	Stafford, VA	22.4	20.7	228.6	21.5
Baltimore, MD	Baltimore (City), MD	cold	27	Union, PA	7.5	10.1	103.2	18.6
Baltimore, MD	Baltimore (City), MD	cold	27	Washington, MD	31.7	40.5	523.1	338.0
Baltimore, MD	Baltimore (City), MD	cold	27	Westmoreland, VA	6.0	8.5	30.1	5.1
Baltimore, MD	Baltimore (City), MD	cold	27	York, PA	63.2	292.4	1671.5	6154.9
Baltimore, MD	Baltimore (City), MD	warm	33	Adams, PA	40.6	62.0	258.5	53.1
Baltimore, MD	Baltimore (City), MD	warm	33	Alexandria (City), VA	13.5	75.6	557.1	822.6
Baltimore, MD	Baltimore (City), MD	warm	33	Allegany, MD	38.7	63.3	778.2	2092.4
Baltimore, MD	Baltimore (City), MD	warm	33	Anne Arundel, MD	120.0	287.4	3072.0	6457.2
Baltimore, MD	Baltimore (City), MD	warm	33	Arlington, VA	32.1	28.0	598.7	96.5
Baltimore, MD	Baltimore (City), MD	warm	33	Baltimore (City), MD	71.1	113.2	1744.1	1043.8
Baltimore, MD	Baltimore (City), MD	warm	33	Baltimore, MD	173.1	359.7	3153.9	4083.4
Baltimore, MD	Baltimore (City), MD	warm	33	Berkeley, WV	45.6	64.7	664.4	219.3
Baltimore, MD	Baltimore (City), MD	warm	33	Berks, PA	84.4	201.1	1654.9	1727.0
Baltimore, MD	Baltimore (City), MD	warm	33	Calvert, MD	30.6	27.5	170.9	38.9
Baltimore, MD	Baltimore (City), MD	warm	33	Carbon, PA	28.6	29.0	266.6	131.0
Baltimore, MD	Baltimore (City), MD	warm	33	Caroline, VA	19.0	17.8	260.7	15.8
Baltimore, MD	Baltimore (City), MD	warm	33	Carroll, MD	59.8	75.0	586.5	135.1
Baltimore, MD	Baltimore (City), MD	warm	33	Cecil, MD	40.8	37.4	362.5	118.8
Baltimore, MD	Baltimore (City), MD	warm	33	Charles, MD	56.0	231.5	1560.8	7437.5
Baltimore, MD	Baltimore (City), MD	warm	33	Chester, PA	73.1	112.4	1510.4	731.1
Baltimore, MD	Baltimore (City), MD	warm	33	Clarke, VA	8.0	12.6	86.2	12.4
Baltimore, MD	Baltimore (City), MD	warm	33	Columbia, PA	18.5	29.3	242.2	72.5
Baltimore, MD	Baltimore (City), MD	warm	33	Culpeper, VA	21.2	25.3	176.2	22.3
Baltimore, MD	Baltimore (City), MD	warm	33	Cumberland, PA	63.9	78.8	1322.6	180.8
Baltimore, MD	Baltimore (City), MD	warm	33	Dauphin, PA	48.3	46.9	1148.2	223.5
Baltimore, MD	Baltimore (City), MD	warm	33	Delaware, PA	79.2	113.4	3010.8	1862.7
Baltimore, MD	Baltimore (City), MD	warm	33	District of Columbia, DC	60.3	33.1	1223.8	374.3
Baltimore, MD	Baltimore (City), MD	warm	33	Essex, VA	6.6	11.8	57.4	9.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Baltimore, MD	Baltimore (City), MD	warm	33	Fairfax (City), VA	3.3	7.4	39.5	8.0
Baltimore, MD	Baltimore (City), MD	warm	33	Fairfax, VA	112.9	103.7	2911.5	328.8
Baltimore, MD	Baltimore (City), MD	warm	33	Fauquier, VA	40.4	38.5	375.3	32.8
Baltimore, MD	Baltimore (City), MD	warm	33	Franklin, PA	35.2	60.2	500.5	77.9
Baltimore, MD	Baltimore (City), MD	warm	33	Frederick, MD	96.2	122.5	1035.4	848.7
Baltimore, MD	Baltimore (City), MD	warm	33	Fulton, PA	9.9	13.5	164.8	23.6
Baltimore, MD	Baltimore (City), MD	warm	33	Gloucester, NJ	62.0	70.2	1163.1	651.1
Baltimore, MD	Baltimore (City), MD	warm	33	Harford, MD	80.5	78.2	668.8	211.1
Baltimore, MD	Baltimore (City), MD	warm	33	Howard, MD	54.8	41.5	905.1	220.0
Baltimore, MD	Baltimore (City), MD	warm	33	Huntingdon, PA	23.6	27.2	231.2	72.4
Baltimore, MD	Baltimore (City), MD	warm	33	Jefferson, WV	22.2	30.1	250.6	54.1
Baltimore, MD	Baltimore (City), MD	warm	33	Juniata, PA	11.4	14.8	165.4	23.0
Baltimore, MD	Baltimore (City), MD	warm	33	Kent, DE	39.8	46.5	831.6	409.7
Baltimore, MD	Baltimore (City), MD	warm	33	Kent, MD	14.8	25.1	91.7	43.1
Baltimore, MD	Baltimore (City), MD	warm	33	King George, VA	11.4	24.0	133.4	56.5
Baltimore, MD	Baltimore (City), MD	warm	33	Lancaster, PA	106.0	180.1	1500.3	367.5
Baltimore, MD	Baltimore (City), MD	warm	33	Lebanon, PA	31.0	44.7	537.7	162.7
Baltimore, MD	Baltimore (City), MD	warm	33	Lehigh, PA	45.9	66.7	1052.5	343.0
Baltimore, MD	Baltimore (City), MD	warm	33	Loudoun, VA	44.4	44.2	765.9	93.9
Baltimore, MD	Baltimore (City), MD	warm	33	Luzerne, PA	71.7	74.1	950.5	654.8
Baltimore, MD	Baltimore (City), MD	warm	33	Lycoming, PA	28.1	32.1	392.5	99.6
Baltimore, MD	Baltimore (City), MD	warm	33	Mifflin, PA	22.3	26.5	246.6	44.8
Baltimore, MD	Baltimore (City), MD	warm	33	Montgomery, MD	191.6	405.3	2448.9	3824.9
Baltimore, MD	Baltimore (City), MD	warm	33	Montgomery, PA	102.4	124.5	2132.6	495.1
Baltimore, MD	Baltimore (City), MD	warm	33	Montour, PA	38.5	582.9	1281.6	11689.6
Baltimore, MD	Baltimore (City), MD	warm	33	Morgan, WV	8.4	13.2	98.1	14.6
Baltimore, MD	Baltimore (City), MD	warm	33	New Castle, DE	81.5	109.7	2588.7	4662.6
Baltimore, MD	Baltimore (City), MD	warm	33	Northumberland, PA	28.2	36.6	315.0	137.7
Baltimore, MD	Baltimore (City), MD	warm	33	Perry, PA	21.3	22.5	230.1	40.6
Baltimore, MD	Baltimore (City), MD	warm	33	Prince George's, MD	140.1	408.6	3198.9	5854.5
Baltimore, MD	Baltimore (City), MD	warm	33	Prince William, VA	48.6	58.3	1089.3	658.7
Baltimore, MD	Baltimore (City), MD	warm	33	Queen Anne's, MD	23.9	35.7	189.9	43.8
Baltimore, MD	Baltimore (City), MD	warm	33	Salem, NJ	28.7	69.6	662.5	544.1
Baltimore, MD	Baltimore (City), MD	warm	33	Schuylkill, PA	50.1	58.2	569.1	662.4
Baltimore, MD	Baltimore (City), MD	warm	33	Snyder, PA	19.0	79.5	405.8	2580.3
Baltimore, MD	Baltimore (City), MD	warm	33	Spotsylvania, VA	43.3	40.9	528.9	40.7
Baltimore, MD	Baltimore (City), MD	warm	33	St. Mary's, MD	39.0	36.4	268.9	74.4
Baltimore, MD	Baltimore (City), MD	warm	33	Stafford, VA	39.5	36.5	403.1	37.9
Baltimore, MD	Baltimore (City), MD	warm	33	Union, PA	13.2	17.8	182.0	32.9
Baltimore, MD	Baltimore (City), MD	warm	33	Washington, MD	55.8	71.5	922.5	596.1
Baltimore, MD	Baltimore (City), MD	warm	33	Westmoreland, VA	10.6	14.9	53.1	8.9
Baltimore, MD	Baltimore (City), MD	warm	33	York, PA	111.4	515.7	2947.7	10854.2
Baltimore, MD	Baltimore, MD	cold	5	Adams, PA	10.5	16.0	66.6	13.7
Baltimore, MD	Baltimore, MD	cold	5	Alexandria (City), VA	3.5	19.5	143.6	212.0
Baltimore, MD	Baltimore, MD	cold	5	Allegany, MD	10.0	16.3	200.6	539.3
Baltimore, MD	Baltimore, MD	cold	5	Anne Arundel, MD	30.9	74.1	791.8	1664.3
Baltimore, MD	Baltimore, MD	cold	5	Arlington, VA	8.3	7.2	154.3	24.9
Baltimore, MD	Baltimore, MD	cold	5	Baltimore (City), MD	18.3	29.2	449.6	269.0
Baltimore, MD	Baltimore, MD	cold	5	Baltimore, MD	44.6	92.7	812.9	1052.5
Baltimore, MD	Baltimore, MD	cold	5	Berkeley, WV	11.8	16.7	171.3	56.5
Baltimore, MD	Baltimore, MD	cold	5	Berks, PA	21.7	51.8	426.5	445.1
Baltimore, MD	Baltimore, MD	cold	5	Calvert, MD	7.9	7.1	44.1	10.0
Baltimore, MD	Baltimore, MD	cold	5	Carbon, PA	7.4	7.5	68.7	33.8
Baltimore, MD	Baltimore, MD	cold	5	Caroline, VA	4.9	4.6	67.2	4.1
Baltimore, MD	Baltimore, MD	cold	5	Carroll, MD	15.4	19.3	151.2	34.8
Baltimore, MD	Baltimore, MD	cold	5	Cecil, MD	10.5	9.6	93.4	30.6
Baltimore, MD	Baltimore, MD	cold	5	Charles, MD	14.4	59.7	402.3	1917.0
Baltimore, MD	Baltimore, MD	cold	5	Chester, PA	18.8	29.0	389.3	188.5
Baltimore, MD	Baltimore, MD	cold	5	Clarke, VA	2.1	3.2	22.2	3.2
Baltimore, MD	Baltimore, MD	cold	5	Columbia, PA	4.8	7.6	62.4	18.7
Baltimore, MD	Baltimore, MD	cold	5	Culpeper, VA	5.5	6.5	45.4	5.8
Baltimore, MD	Baltimore, MD	cold	5	Cumberland, PA	16.5	20.3	340.9	46.6
Baltimore, MD	Baltimore, MD	cold	5	Dauphin, PA	12.4	12.1	295.9	57.6
Baltimore, MD	Baltimore, MD	cold	5	Delaware, PA	20.4	29.2	776.0	480.1
Baltimore, MD	Baltimore, MD	cold	5	District of Columbia, DC	15.5	8.5	315.4	96.5
Baltimore, MD	Baltimore, MD	cold	5	Essex, VA	1.7	3.0	14.8	2.3
Baltimore, MD	Baltimore, MD	cold	5	Fairfax (City), VA	0.9	1.9	10.2	2.1
Baltimore, MD	Baltimore, MD	cold	5	Fairfax, VA	29.1	26.7	750.4	84.7
Baltimore, MD	Baltimore, MD	cold	5	Fauquier, VA	10.4	9.9	96.7	8.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Baltimore, MD	Baltimore, MD	cold	5	Franklin, PA	9.1	15.5	129.0	20.1
Baltimore, MD	Baltimore, MD	cold	5	Frederick, MD	24.8	31.6	266.9	218.8
Baltimore, MD	Baltimore, MD	cold	5	Fulton, PA	2.6	3.5	42.5	6.1
Baltimore, MD	Baltimore, MD	cold	5	Gloucester, NJ	16.0	18.1	299.8	167.8
Baltimore, MD	Baltimore, MD	cold	5	Harford, MD	20.7	20.2	172.4	54.4
Baltimore, MD	Baltimore, MD	cold	5	Howard, MD	14.1	10.7	233.3	56.7
Baltimore, MD	Baltimore, MD	cold	5	Huntingdon, PA	6.1	7.0	59.6	18.7
Baltimore, MD	Baltimore, MD	cold	5	Jefferson, WV	5.7	7.8	64.6	13.9
Baltimore, MD	Baltimore, MD	cold	5	Juniata, PA	2.9	3.8	42.6	5.9
Baltimore, MD	Baltimore, MD	cold	5	Kent, DE	10.2	12.0	214.3	105.6
Baltimore, MD	Baltimore, MD	cold	5	Kent, MD	3.8	6.5	23.6	11.1
Baltimore, MD	Baltimore, MD	cold	5	King George, VA	2.9	6.2	34.4	14.6
Baltimore, MD	Baltimore, MD	cold	5	Lancaster, PA	27.3	46.4	386.7	94.7
Baltimore, MD	Baltimore, MD	cold	5	Lebanon, PA	8.0	11.5	138.6	41.9
Baltimore, MD	Baltimore, MD	cold	5	Lehigh, PA	11.8	17.2	271.3	88.4
Baltimore, MD	Baltimore, MD	cold	5	Loudoun, VA	11.4	11.4	197.4	24.2
Baltimore, MD	Baltimore, MD	cold	5	Luzerne, PA	18.5	19.1	245.0	168.8
Baltimore, MD	Baltimore, MD	cold	5	Lycoming, PA	7.2	8.3	101.2	25.7
Baltimore, MD	Baltimore, MD	cold	5	Mifflin, PA	5.8	6.8	63.6	11.6
Baltimore, MD	Baltimore, MD	cold	5	Montgomery, MD	49.4	104.5	631.2	985.9
Baltimore, MD	Baltimore, MD	cold	5	Montgomery, PA	26.4	32.1	549.7	127.6
Baltimore, MD	Baltimore, MD	cold	5	Montour, PA	9.9	150.2	330.3	3013.0
Baltimore, MD	Baltimore, MD	cold	5	Morgan, WV	2.2	3.4	25.3	3.8
Baltimore, MD	Baltimore, MD	cold	5	New Castle, DE	21.0	28.3	667.2	1201.8
Baltimore, MD	Baltimore, MD	cold	5	Northumberland, PA	7.3	9.4	81.2	35.5
Baltimore, MD	Baltimore, MD	cold	5	Perry, PA	5.5	5.8	59.3	10.5
Baltimore, MD	Baltimore, MD	cold	5	Prince George's, MD	36.1	105.3	824.5	1509.0
Baltimore, MD	Baltimore, MD	cold	5	Prince William, VA	12.5	15.0	280.8	169.8
Baltimore, MD	Baltimore, MD	cold	5	Queen Anne's, MD	6.2	9.2	49.0	11.3
Baltimore, MD	Baltimore, MD	cold	5	Salem, NJ	7.4	17.9	170.8	140.3
Baltimore, MD	Baltimore, MD	cold	5	Schuylkill, PA	12.9	15.0	146.7	170.7
Baltimore, MD	Baltimore, MD	cold	5	Snyder, PA	4.9	20.5	104.6	665.1
Baltimore, MD	Baltimore, MD	cold	5	Spotsylvania, VA	11.2	10.5	136.3	10.5
Baltimore, MD	Baltimore, MD	cold	5	St. Mary's, MD	10.1	9.4	69.3	19.2
Baltimore, MD	Baltimore, MD	cold	5	Stafford, VA	10.2	9.4	103.9	9.8
Baltimore, MD	Baltimore, MD	cold	5	Union, PA	3.4	4.6	46.9	8.5
Baltimore, MD	Baltimore, MD	cold	5	Washington, MD	14.4	18.4	237.8	153.6
Baltimore, MD	Baltimore, MD	cold	5	Westmoreland, VA	2.7	3.8	13.7	2.3
Baltimore, MD	Baltimore, MD	cold	5	York, PA	28.7	132.9	759.8	2797.7
Baltimore, MD	Baltimore, MD	warm	7	Adams, PA	20.3	31.0	129.3	26.6
Baltimore, MD	Baltimore, MD	warm	7	Alexandria (City), VA	6.7	37.8	278.5	411.3
Baltimore, MD	Baltimore, MD	warm	7	Allegany, MD	19.4	31.6	389.1	1046.2
Baltimore, MD	Baltimore, MD	warm	7	Anne Arundel, MD	60.0	143.7	1536.0	3228.6
Baltimore, MD	Baltimore, MD	warm	7	Arlington, VA	16.1	14.0	299.3	48.2
Baltimore, MD	Baltimore, MD	warm	7	Baltimore (City), MD	35.6	56.6	872.1	521.9
Baltimore, MD	Baltimore, MD	warm	7	Baltimore, MD	86.5	179.8	1576.9	2041.7
Baltimore, MD	Baltimore, MD	warm	7	Berkeley, WV	22.8	32.3	332.2	109.6
Baltimore, MD	Baltimore, MD	warm	7	Berks, PA	42.2	100.5	827.4	863.5
Baltimore, MD	Baltimore, MD	warm	7	Calvert, MD	15.3	13.8	85.5	19.4
Baltimore, MD	Baltimore, MD	warm	7	Carbon, PA	14.3	14.5	133.3	65.5
Baltimore, MD	Baltimore, MD	warm	7	Caroline, VA	9.5	8.9	130.4	7.9
Baltimore, MD	Baltimore, MD	warm	7	Carroll, MD	29.9	37.5	293.2	67.5
Baltimore, MD	Baltimore, MD	warm	7	Cecil, MD	20.4	18.7	181.3	59.4
Baltimore, MD	Baltimore, MD	warm	7	Charles, MD	28.0	115.7	780.4	3718.7
Baltimore, MD	Baltimore, MD	warm	7	Chester, PA	36.6	56.2	755.2	365.6
Baltimore, MD	Baltimore, MD	warm	7	Clarke, VA	4.0	6.3	43.1	6.2
Baltimore, MD	Baltimore, MD	warm	7	Columbia, PA	9.2	14.7	121.1	36.2
Baltimore, MD	Baltimore, MD	warm	7	Culpeper, VA	10.6	12.7	88.1	11.2
Baltimore, MD	Baltimore, MD	warm	7	Cumberland, PA	31.9	39.4	661.3	90.4
Baltimore, MD	Baltimore, MD	warm	7	Dauphin, PA	24.1	23.5	574.1	111.8
Baltimore, MD	Baltimore, MD	warm	7	Delaware, PA	39.6	56.7	1505.4	931.3
Baltimore, MD	Baltimore, MD	warm	7	District of Columbia, DC	30.2	16.5	611.9	187.1
Baltimore, MD	Baltimore, MD	warm	7	Essex, VA	3.3	5.9	28.7	4.5
Baltimore, MD	Baltimore, MD	warm	7	Fairfax (City), VA	1.7	3.7	19.8	4.0
Baltimore, MD	Baltimore, MD	warm	7	Fairfax, VA	56.4	51.9	1455.7	164.4
Baltimore, MD	Baltimore, MD	warm	7	Fauquier, VA	20.2	19.2	187.6	16.4
Baltimore, MD	Baltimore, MD	warm	7	Franklin, PA	17.6	30.1	250.3	38.9
Baltimore, MD	Baltimore, MD	warm	7	Frederick, MD	48.1	61.2	517.7	424.4
Baltimore, MD	Baltimore, MD	warm	7	Fulton, PA	5.0	6.7	82.4	11.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Baltimore, MD	Baltimore, MD	warm	7	Gloucester, NJ	31.0	35.1	581.6	325.6
Baltimore, MD	Baltimore, MD	warm	7	Harford, MD	40.2	39.1	334.4	105.6
Baltimore, MD	Baltimore, MD	warm	7	Howard, MD	27.4	20.7	452.6	110.0
Baltimore, MD	Baltimore, MD	warm	7	Huntingdon, PA	11.8	13.6	115.6	36.2
Baltimore, MD	Baltimore, MD	warm	7	Jefferson, WV	11.1	15.1	125.3	27.0
Baltimore, MD	Baltimore, MD	warm	7	Juniata, PA	5.7	7.4	82.7	11.5
Baltimore, MD	Baltimore, MD	warm	7	Kent, DE	19.9	23.2	415.8	204.9
Baltimore, MD	Baltimore, MD	warm	7	Kent, MD	7.4	12.5	45.8	21.5
Baltimore, MD	Baltimore, MD	warm	7	King George, VA	5.7	12.0	66.7	28.2
Baltimore, MD	Baltimore, MD	warm	7	Lancaster, PA	53.0	90.1	750.2	183.8
Baltimore, MD	Baltimore, MD	warm	7	Lebanon, PA	15.5	22.4	268.8	81.3
Baltimore, MD	Baltimore, MD	warm	7	Lehigh, PA	22.9	33.3	526.3	171.5
Baltimore, MD	Baltimore, MD	warm	7	Loudoun, VA	22.2	22.1	382.9	47.0
Baltimore, MD	Baltimore, MD	warm	7	Luzerne, PA	35.8	37.1	475.2	327.4
Baltimore, MD	Baltimore, MD	warm	7	Lycoming, PA	14.1	16.0	196.3	49.8
Baltimore, MD	Baltimore, MD	warm	7	Mifflin, PA	11.2	13.2	123.3	22.4
Baltimore, MD	Baltimore, MD	warm	7	Montgomery, MD	95.8	202.6	1224.5	1912.5
Baltimore, MD	Baltimore, MD	warm	7	Montgomery, PA	51.2	62.2	1066.3	247.6
Baltimore, MD	Baltimore, MD	warm	7	Montour, PA	19.2	291.4	640.8	5844.8
Baltimore, MD	Baltimore, MD	warm	7	Morgan, WV	4.2	6.6	49.0	7.3
Baltimore, MD	Baltimore, MD	warm	7	New Castle, DE	40.8	54.8	1294.4	2331.3
Baltimore, MD	Baltimore, MD	warm	7	Northumberland, PA	14.1	18.3	157.5	68.9
Baltimore, MD	Baltimore, MD	warm	7	Perry, PA	10.7	11.2	115.1	20.3
Baltimore, MD	Baltimore, MD	warm	7	Prince George's, MD	70.0	204.3	1599.4	2927.2
Baltimore, MD	Baltimore, MD	warm	7	Prince William, VA	24.3	29.2	544.7	329.3
Baltimore, MD	Baltimore, MD	warm	7	Queen Anne's, MD	11.9	17.8	95.0	21.9
Baltimore, MD	Baltimore, MD	warm	7	Salem, NJ	14.4	34.8	331.3	272.1
Baltimore, MD	Baltimore, MD	warm	7	Schuylkill, PA	25.0	29.1	284.5	331.2
Baltimore, MD	Baltimore, MD	warm	7	Snyder, PA	9.5	39.8	202.9	1290.2
Baltimore, MD	Baltimore, MD	warm	7	Spotsylvania, VA	21.7	20.4	264.4	20.4
Baltimore, MD	Baltimore, MD	warm	7	St. Mary's, MD	19.5	18.2	134.4	37.2
Baltimore, MD	Baltimore, MD	warm	7	Stafford, VA	19.8	18.2	201.5	19.0
Baltimore, MD	Baltimore, MD	warm	7	Union, PA	6.6	8.9	91.0	16.4
Baltimore, MD	Baltimore, MD	warm	7	Washington, MD	27.9	35.7	461.2	298.0
Baltimore, MD	Baltimore, MD	warm	7	Westmoreland, VA	5.3	7.5	26.6	4.5
Baltimore, MD	Baltimore, MD	warm	7	York, PA	55.7	257.9	1473.8	5427.1
Birmingham, AL	Jefferson, AL	cold	11	Alcorn, MS	7.3	13.1	157.6	12.6
Birmingham, AL	Jefferson, AL	cold	11	Attala, MS	4.3	6.4	226.0	3.3
Birmingham, AL	Jefferson, AL	cold	11	Autauga, AL	9.5	20.3	207.9	147.6
Birmingham, AL	Jefferson, AL	cold	11	Baldwin, AL	164.6	95.9	482.7	108.0
Birmingham, AL	Jefferson, AL	cold	11	Bartow, GA	39.5	388.3	1499.1	8933.1
Birmingham, AL	Jefferson, AL	cold	11	Bedford, TN	11.1	19.4	81.7	25.2
Birmingham, AL	Jefferson, AL	cold	11	Bibb, AL	10.4	7.7	46.9	9.1
Birmingham, AL	Jefferson, AL	cold	11	Blount, AL	14.0	20.1	117.9	18.3
Birmingham, AL	Jefferson, AL	cold	11	Bullock, AL	140.1	78.5	65.2	29.1
Birmingham, AL	Jefferson, AL	cold	11	Butler, AL	13.6	10.9	90.4	17.1
Birmingham, AL	Jefferson, AL	cold	11	Calhoun, AL	27.8	30.1	397.2	102.7
Birmingham, AL	Jefferson, AL	cold	11	Calhoun, MS	6.8	11.4	94.0	3.4
Birmingham, AL	Jefferson, AL	cold	11	Carroll, GA	25.1	35.5	196.3	53.0
Birmingham, AL	Jefferson, AL	cold	11	Catoosa, GA	8.8	12.8	129.8	17.5
Birmingham, AL	Jefferson, AL	cold	11	Chambers, AL	11.4	12.2	98.3	28.5
Birmingham, AL	Jefferson, AL	cold	11	Chattooga, GA	6.2	9.9	82.4	95.1
Birmingham, AL	Jefferson, AL	cold	11	Cherokee, AL	11.3	16.4	59.6	10.2
Birmingham, AL	Jefferson, AL	cold	11	Chickasaw, MS	5.3	11.8	42.2	9.6
Birmingham, AL	Jefferson, AL	cold	11	Chilton, AL	14.1	13.7	130.6	23.3
Birmingham, AL	Jefferson, AL	cold	11	Choctaw, AL	14.6	14.6	147.5	177.7
Birmingham, AL	Jefferson, AL	cold	11	Choctaw, MS	14.3	10.5	123.5	91.8
Birmingham, AL	Jefferson, AL	cold	11	Clarke, AL	41.0	25.5	101.6	69.0
Birmingham, AL	Jefferson, AL	cold	11	Clarke, MS	6.2	7.0	98.8	121.4
Birmingham, AL	Jefferson, AL	cold	11	Clay, AL	9.3	8.1	44.2	9.6
Birmingham, AL	Jefferson, AL	cold	11	Clay, MS	5.1	10.0	46.2	9.2
Birmingham, AL	Jefferson, AL	cold	11	Cleburne, AL	14.2	8.7	82.8	8.2
Birmingham, AL	Jefferson, AL	cold	11	Coffee, TN	10.1	10.7	185.1	30.7
Birmingham, AL	Jefferson, AL	cold	11	Colbert, AL	20.5	166.2	961.4	1891.0
Birmingham, AL	Jefferson, AL	cold	11	Coosa, AL	10.4	9.8	38.2	5.2
Birmingham, AL	Jefferson, AL	cold	11	Coweta, GA	28.3	140.1	777.7	3174.8
Birmingham, AL	Jefferson, AL	cold	11	Crenshaw, AL	10.0	8.6	31.5	7.4
Birmingham, AL	Jefferson, AL	cold	11	Cullman, AL	17.8	27.3	163.5	49.1
Birmingham, AL	Jefferson, AL	cold	11	Dade, GA	3.9	6.1	65.2	7.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Birmingham, AL	Jefferson, AL	cold	11	Dallas, AL	22.1	27.9	205.6	264.3
Birmingham, AL	Jefferson, AL	cold	11	DeKalb, AL	18.4	26.5	155.6	40.5
Birmingham, AL	Jefferson, AL	cold	11	Douglas, GA	18.7	17.9	241.3	22.2
Birmingham, AL	Jefferson, AL	cold	11	Elmore, AL	16.4	19.1	160.0	31.0
Birmingham, AL	Jefferson, AL	cold	11	Etowah, AL	12.0	32.9	291.6	521.5
Birmingham, AL	Jefferson, AL	cold	11	Fayette, AL	4.8	6.8	47.4	15.6
Birmingham, AL	Jefferson, AL	cold	11	Floyd, GA	24.7	92.8	690.5	2146.3
Birmingham, AL	Jefferson, AL	cold	11	Franklin, AL	8.2	10.9	78.7	23.5
Birmingham, AL	Jefferson, AL	cold	11	Franklin, TN	10.4	12.9	63.8	10.8
Birmingham, AL	Jefferson, AL	cold	11	Fulton, GA	81.0	57.5	2058.8	349.0
Birmingham, AL	Jefferson, AL	cold	11	Giles, TN	12.6	26.1	113.0	17.7
Birmingham, AL	Jefferson, AL	cold	11	Gordon, GA	12.6	20.2	153.7	51.5
Birmingham, AL	Jefferson, AL	cold	11	Greene, AL	13.6	100.7	427.9	2161.0
Birmingham, AL	Jefferson, AL	cold	11	Grundy, TN	3.8	4.5	37.8	2.3
Birmingham, AL	Jefferson, AL	cold	11	Hale, AL	8.0	9.7	84.8	9.0
Birmingham, AL	Jefferson, AL	cold	11	Hamilton, TN	31.7	35.3	843.6	233.7
Birmingham, AL	Jefferson, AL	cold	11	Haralson, GA	6.8	9.1	59.8	12.2
Birmingham, AL	Jefferson, AL	cold	11	Hardin, TN	9.2	15.9	205.4	153.7
Birmingham, AL	Jefferson, AL	cold	11	Harris, GA	17.5	13.4	77.2	11.5
Birmingham, AL	Jefferson, AL	cold	11	Heard, GA	17.1	171.8	712.3	4793.8
Birmingham, AL	Jefferson, AL	cold	11	Itawamba, MS	6.8	10.4	46.3	3.9
Birmingham, AL	Jefferson, AL	cold	11	Jackson, AL	22.4	122.9	1101.9	1724.0
Birmingham, AL	Jefferson, AL	cold	11	Jasper, MS	4.7	5.9	117.9	5.0
Birmingham, AL	Jefferson, AL	cold	11	Jefferson, AL	100.1	312.9	2715.1	2786.8
Birmingham, AL	Jefferson, AL	cold	11	Kemper, MS	3.3	4.7	28.6	4.7
Birmingham, AL	Jefferson, AL	cold	11	Lamar, AL	5.1	6.7	46.2	9.6
Birmingham, AL	Jefferson, AL	cold	11	Lauderdale, AL	12.7	25.1	168.7	71.7
Birmingham, AL	Jefferson, AL	cold	11	Lauderdale, MS	17.9	15.3	213.1	14.9
Birmingham, AL	Jefferson, AL	cold	11	Lawrence, AL	15.0	26.1	238.4	77.8
Birmingham, AL	Jefferson, AL	cold	11	Lawrence, TN	10.2	19.1	56.6	21.8
Birmingham, AL	Jefferson, AL	cold	11	Leake, MS	6.0	8.8	41.9	7.6
Birmingham, AL	Jefferson, AL	cold	11	Lee, AL	18.7	18.4	213.0	70.1
Birmingham, AL	Jefferson, AL	cold	11	Lee, MS	18.5	29.3	223.7	31.4
Birmingham, AL	Jefferson, AL	cold	11	Limestone, AL	17.3	36.6	216.1	37.9
Birmingham, AL	Jefferson, AL	cold	11	Lincoln, TN	8.9	11.4	63.6	15.3
Birmingham, AL	Jefferson, AL	cold	11	Lowndes, AL	16.1	16.5	77.8	9.0
Birmingham, AL	Jefferson, AL	cold	11	Lowndes, MS	26.3	38.1	336.2	169.4
Birmingham, AL	Jefferson, AL	cold	11	Macon, AL	33.6	22.0	80.8	13.8
Birmingham, AL	Jefferson, AL	cold	11	Madison, AL	43.0	46.1	529.0	260.4
Birmingham, AL	Jefferson, AL	cold	11	Marengo, AL	18.6	19.7	632.3	52.2
Birmingham, AL	Jefferson, AL	cold	11	Marion, AL	5.8	9.3	90.9	23.3
Birmingham, AL	Jefferson, AL	cold	11	Marion, TN	9.7	8.4	164.1	13.1
Birmingham, AL	Jefferson, AL	cold	11	Marshall, AL	18.3	29.3	182.4	82.8
Birmingham, AL	Jefferson, AL	cold	11	Marshall, TN	7.9	12.6	103.1	30.6
Birmingham, AL	Jefferson, AL	cold	11	Monroe, AL	22.3	24.4	187.7	139.6
Birmingham, AL	Jefferson, AL	cold	11	Monroe, MS	9.4	24.3	157.3	14.5
Birmingham, AL	Jefferson, AL	cold	11	Montgomery, AL	29.3	26.3	543.2	307.2
Birmingham, AL	Jefferson, AL	cold	11	Moore, TN	4.8	8.1	26.6	7.7
Birmingham, AL	Jefferson, AL	cold	11	Morgan, AL	20.5	55.6	417.3	535.8
Birmingham, AL	Jefferson, AL	cold	11	Muscogee, GA	11.9	15.3	236.8	86.9
Birmingham, AL	Jefferson, AL	cold	11	Neshoba, MS	15.9	20.3	60.7	5.1
Birmingham, AL	Jefferson, AL	cold	11	Newton, MS	5.3	8.1	87.4	6.1
Birmingham, AL	Jefferson, AL	cold	11	Noxubee, MS	10.2	16.7	39.2	11.6
Birmingham, AL	Jefferson, AL	cold	11	Oktibbeha, MS	8.3	12.9	54.4	5.0
Birmingham, AL	Jefferson, AL	cold	11	Paulding, GA	21.3	24.5	122.8	11.8
Birmingham, AL	Jefferson, AL	cold	11	Perry, AL	7.2	7.6	27.3	11.0
Birmingham, AL	Jefferson, AL	cold	11	Pickens, AL	13.6	12.0	77.1	11.5
Birmingham, AL	Jefferson, AL	cold	11	Pike, AL	18.3	16.0	90.5	401.3
Birmingham, AL	Jefferson, AL	cold	11	Polk, GA	9.6	13.0	74.9	16.4
Birmingham, AL	Jefferson, AL	cold	11	Pontotoc, MS	5.5	12.5	65.6	12.4
Birmingham, AL	Jefferson, AL	cold	11	Prentiss, MS	4.5	8.5	52.4	7.8
Birmingham, AL	Jefferson, AL	cold	11	Randolph, AL	8.1	8.2	423.4	11.4
Birmingham, AL	Jefferson, AL	cold	11	Russell, AL	53.0	39.4	236.3	383.1
Birmingham, AL	Jefferson, AL	cold	11	Sequatchie, TN	2.9	3.9	20.9	4.2
Birmingham, AL	Jefferson, AL	cold	11	Shelby, AL	42.7	283.6	1723.9	6158.4
Birmingham, AL	Jefferson, AL	cold	11	St. Clair, AL	14.7	17.5	296.8	42.6
Birmingham, AL	Jefferson, AL	cold	11	Sumter, AL	10.5	9.1	108.2	22.4
Birmingham, AL	Jefferson, AL	cold	11	Talladega, AL	22.7	25.5	198.5	50.4
Birmingham, AL	Jefferson, AL	cold	11	Tallapoosa, AL	9.9	10.6	95.7	34.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Birmingham, AL	Jefferson, AL	cold	11	Tippah, MS	7.8	14.3	47.5	12.1
Birmingham, AL	Jefferson, AL	cold	11	Tishomingo, MS	4.2	6.5	69.9	9.9
Birmingham, AL	Jefferson, AL	cold	11	Troup, GA	13.0	18.1	162.0	56.5
Birmingham, AL	Jefferson, AL	cold	11	Tuscaloosa, AL	31.0	28.3	452.7	194.4
Birmingham, AL	Jefferson, AL	cold	11	Union, MS	6.0	10.7	112.2	9.1
Birmingham, AL	Jefferson, AL	cold	11	Walker, AL	27.5	133.7	780.7	4008.7
Birmingham, AL	Jefferson, AL	cold	11	Walker, GA	8.5	14.6	94.0	48.5
Birmingham, AL	Jefferson, AL	cold	11	Washington, AL	28.6	60.5	606.2	896.2
Birmingham, AL	Jefferson, AL	cold	11	Wayne, MS	8.5	8.7	48.4	13.6
Birmingham, AL	Jefferson, AL	cold	11	Wayne, TN	9.1	9.7	57.3	11.6
Birmingham, AL	Jefferson, AL	cold	11	Webster, MS	3.5	7.8	22.5	2.8
Birmingham, AL	Jefferson, AL	cold	11	Whitfield, GA	14.9	36.6	332.0	203.1
Birmingham, AL	Jefferson, AL	cold	11	Wilcox, AL	33.2	33.6	156.3	127.5
Birmingham, AL	Jefferson, AL	cold	11	Winston, AL	10.4	9.2	62.3	20.0
Birmingham, AL	Jefferson, AL	cold	11	Winston, MS	6.6	10.6	66.9	7.8
Birmingham, AL	Jefferson, AL	warm	46	Alcorn, MS	23.1	41.7	502.2	40.1
Birmingham, AL	Jefferson, AL	warm	46	Attala, MS	13.8	20.4	720.2	10.4
Birmingham, AL	Jefferson, AL	warm	46	Autauga, AL	30.4	64.8	662.6	470.5
Birmingham, AL	Jefferson, AL	warm	46	Baldwin, AL	524.6	305.6	1538.2	344.2
Birmingham, AL	Jefferson, AL	warm	46	Bartow, GA	125.8	1237.4	4777.4	28469.0
Birmingham, AL	Jefferson, AL	warm	46	Bedford, TN	35.2	61.7	260.4	80.3
Birmingham, AL	Jefferson, AL	warm	46	Bibb, AL	33.3	24.5	149.6	29.1
Birmingham, AL	Jefferson, AL	warm	46	Blount, AL	44.6	64.2	375.8	58.2
Birmingham, AL	Jefferson, AL	warm	46	Bullock, AL	446.4	250.3	207.9	92.6
Birmingham, AL	Jefferson, AL	warm	46	Butler, AL	43.3	34.8	288.0	54.5
Birmingham, AL	Jefferson, AL	warm	46	Calhoun, AL	88.5	95.8	1265.9	327.3
Birmingham, AL	Jefferson, AL	warm	46	Calhoun, MS	21.7	36.4	299.5	10.7
Birmingham, AL	Jefferson, AL	warm	46	Carroll, GA	80.1	113.3	625.6	168.9
Birmingham, AL	Jefferson, AL	warm	46	Catoosa, GA	28.1	40.7	413.5	55.8
Birmingham, AL	Jefferson, AL	warm	46	Chambers, AL	36.3	38.8	313.3	90.8
Birmingham, AL	Jefferson, AL	warm	46	Chattooga, GA	19.6	31.6	262.7	303.1
Birmingham, AL	Jefferson, AL	warm	46	Cherokee, AL	36.0	52.4	189.9	32.4
Birmingham, AL	Jefferson, AL	warm	46	Chickasaw, MS	16.9	37.6	134.6	30.6
Birmingham, AL	Jefferson, AL	warm	46	Chilton, AL	44.8	43.5	416.2	74.3
Birmingham, AL	Jefferson, AL	warm	46	Choctaw, AL	46.6	46.4	470.0	566.3
Birmingham, AL	Jefferson, AL	warm	46	Choctaw, MS	45.5	33.5	393.5	292.5
Birmingham, AL	Jefferson, AL	warm	46	Clarke, AL	130.6	81.3	323.8	219.9
Birmingham, AL	Jefferson, AL	warm	46	Clarke, MS	19.8	22.2	314.8	386.8
Birmingham, AL	Jefferson, AL	warm	46	Clay, AL	29.8	25.9	140.8	30.5
Birmingham, AL	Jefferson, AL	warm	46	Clay, MS	16.2	31.9	147.1	29.3
Birmingham, AL	Jefferson, AL	warm	46	Cleburne, AL	45.2	27.6	263.9	26.0
Birmingham, AL	Jefferson, AL	warm	46	Coffee, TN	32.2	34.3	589.9	97.9
Birmingham, AL	Jefferson, AL	warm	46	Colbert, AL	65.2	529.8	3063.9	6026.3
Birmingham, AL	Jefferson, AL	warm	46	Coosa, AL	33.2	31.3	121.7	16.5
Birmingham, AL	Jefferson, AL	warm	46	Coweta, GA	90.3	446.5	2478.4	10118.0
Birmingham, AL	Jefferson, AL	warm	46	Crenshaw, AL	31.9	27.4	100.4	23.5
Birmingham, AL	Jefferson, AL	warm	46	Cullman, AL	56.8	87.1	521.2	156.6
Birmingham, AL	Jefferson, AL	warm	46	Dade, GA	12.4	19.4	207.7	23.2
Birmingham, AL	Jefferson, AL	warm	46	Dallas, AL	70.3	89.1	655.3	842.4
Birmingham, AL	Jefferson, AL	warm	46	DeKalb, AL	58.6	84.3	495.9	129.0
Birmingham, AL	Jefferson, AL	warm	46	Douglas, GA	59.7	56.9	769.0	70.7
Birmingham, AL	Jefferson, AL	warm	46	Elmore, AL	52.4	60.7	509.9	98.9
Birmingham, AL	Jefferson, AL	warm	46	Etowah, AL	38.3	105.0	929.3	1662.0
Birmingham, AL	Jefferson, AL	warm	46	Fayette, AL	15.2	21.6	151.0	49.8
Birmingham, AL	Jefferson, AL	warm	46	Floyd, GA	78.8	295.8	2200.6	6840.2
Birmingham, AL	Jefferson, AL	warm	46	Franklin, AL	26.0	34.8	250.8	75.0
Birmingham, AL	Jefferson, AL	warm	46	Franklin, TN	33.0	41.2	203.2	34.4
Birmingham, AL	Jefferson, AL	warm	46	Fulton, GA	258.2	183.2	6561.1	1112.2
Birmingham, AL	Jefferson, AL	warm	46	Giles, TN	40.1	83.1	360.2	56.4
Birmingham, AL	Jefferson, AL	warm	46	Gordon, GA	40.2	64.3	489.8	164.2
Birmingham, AL	Jefferson, AL	warm	46	Greene, AL	43.4	320.9	1363.7	6887.0
Birmingham, AL	Jefferson, AL	warm	46	Grundy, TN	12.1	14.4	120.6	7.4
Birmingham, AL	Jefferson, AL	warm	46	Hale, AL	25.4	30.9	270.4	28.6
Birmingham, AL	Jefferson, AL	warm	46	Hamilton, TN	101.0	112.4	2688.6	744.9
Birmingham, AL	Jefferson, AL	warm	46	Haralson, GA	21.6	28.9	190.7	38.8
Birmingham, AL	Jefferson, AL	warm	46	Hardin, TN	29.2	50.5	654.5	489.9
Birmingham, AL	Jefferson, AL	warm	46	Harris, GA	55.7	42.8	245.9	36.6
Birmingham, AL	Jefferson, AL	warm	46	Heard, GA	54.6	547.5	2270.2	15277.4
Birmingham, AL	Jefferson, AL	warm	46	Itawamba, MS	21.7	33.0	147.5	12.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Birmingham, AL	Jefferson, AL	warm	46	Jackson, AL	71.3	391.8	3511.7	5494.2
Birmingham, AL	Jefferson, AL	warm	46	Jasper, MS	14.9	18.9	375.7	15.9
Birmingham, AL	Jefferson, AL	warm	46	Jefferson, AL	318.9	997.3	8653.0	8881.4
Birmingham, AL	Jefferson, AL	warm	46	Kemper, MS	10.4	14.9	91.3	14.9
Birmingham, AL	Jefferson, AL	warm	46	Lamar, AL	16.3	21.2	147.2	30.7
Birmingham, AL	Jefferson, AL	warm	46	Lauderdale, AL	40.4	80.1	537.8	228.4
Birmingham, AL	Jefferson, AL	warm	46	Lauderdale, MS	57.0	48.9	679.1	47.5
Birmingham, AL	Jefferson, AL	warm	46	Lawrence, AL	47.9	83.3	759.7	247.9
Birmingham, AL	Jefferson, AL	warm	46	Lawrence, TN	32.6	60.8	180.3	69.5
Birmingham, AL	Jefferson, AL	warm	46	Leake, MS	19.1	27.9	133.4	24.1
Birmingham, AL	Jefferson, AL	warm	46	Lee, AL	59.5	58.7	678.8	223.6
Birmingham, AL	Jefferson, AL	warm	46	Lee, MS	58.8	93.4	712.8	100.1
Birmingham, AL	Jefferson, AL	warm	46	Limestone, AL	55.1	116.5	688.6	120.8
Birmingham, AL	Jefferson, AL	warm	46	Lincoln, TN	28.4	36.4	202.7	48.6
Birmingham, AL	Jefferson, AL	warm	46	Lowndes, AL	51.2	52.4	247.8	28.7
Birmingham, AL	Jefferson, AL	warm	46	Lowndes, MS	83.9	121.4	1071.6	539.7
Birmingham, AL	Jefferson, AL	warm	46	Macon, AL	107.1	70.0	257.5	44.0
Birmingham, AL	Jefferson, AL	warm	46	Madison, AL	137.1	146.9	1685.8	829.8
Birmingham, AL	Jefferson, AL	warm	46	Marengo, AL	59.1	62.7	2015.2	166.3
Birmingham, AL	Jefferson, AL	warm	46	Marion, AL	18.4	29.5	289.6	74.2
Birmingham, AL	Jefferson, AL	warm	46	Marion, TN	30.9	26.9	522.8	41.6
Birmingham, AL	Jefferson, AL	warm	46	Marshall, AL	58.3	93.4	581.2	264.0
Birmingham, AL	Jefferson, AL	warm	46	Marshall, TN	25.3	40.2	328.6	97.6
Birmingham, AL	Jefferson, AL	warm	46	Monroe, AL	71.1	77.8	598.2	445.0
Birmingham, AL	Jefferson, AL	warm	46	Monroe, MS	29.8	77.4	501.2	46.3
Birmingham, AL	Jefferson, AL	warm	46	Montgomery, AL	93.4	83.7	1731.1	979.0
Birmingham, AL	Jefferson, AL	warm	46	Moore, TN	15.1	25.9	84.9	24.5
Birmingham, AL	Jefferson, AL	warm	46	Morgan, AL	65.3	177.3	1329.9	1707.5
Birmingham, AL	Jefferson, AL	warm	46	Muscogee, GA	38.0	48.7	754.7	276.9
Birmingham, AL	Jefferson, AL	warm	46	Neshoba, MS	50.7	64.8	193.6	16.3
Birmingham, AL	Jefferson, AL	warm	46	Newton, MS	16.8	25.7	278.7	19.3
Birmingham, AL	Jefferson, AL	warm	46	Noxubee, MS	32.6	53.3	124.9	36.9
Birmingham, AL	Jefferson, AL	warm	46	Oktibbeha, MS	26.6	41.0	173.4	15.9
Birmingham, AL	Jefferson, AL	warm	46	Paulding, GA	68.0	78.1	391.3	37.7
Birmingham, AL	Jefferson, AL	warm	46	Perry, AL	23.1	24.3	87.1	35.1
Birmingham, AL	Jefferson, AL	warm	46	Pickens, AL	43.4	38.1	245.8	36.6
Birmingham, AL	Jefferson, AL	warm	46	Pike, AL	58.3	51.0	288.6	1278.8
Birmingham, AL	Jefferson, AL	warm	46	Polk, GA	30.7	41.5	238.7	52.2
Birmingham, AL	Jefferson, AL	warm	46	Pontotoc, MS	17.6	39.9	209.0	39.6
Birmingham, AL	Jefferson, AL	warm	46	Prentiss, MS	14.2	27.1	167.1	24.9
Birmingham, AL	Jefferson, AL	warm	46	Randolph, AL	25.7	26.0	1349.4	36.4
Birmingham, AL	Jefferson, AL	warm	46	Russell, AL	168.8	125.7	753.0	1220.8
Birmingham, AL	Jefferson, AL	warm	46	Sequatchie, TN	9.1	12.3	66.7	13.3
Birmingham, AL	Jefferson, AL	warm	46	Shelby, AL	136.2	903.7	5494.1	19626.4
Birmingham, AL	Jefferson, AL	warm	46	St. Clair, AL	46.9	55.9	945.7	135.9
Birmingham, AL	Jefferson, AL	warm	46	Sumter, AL	33.4	28.9	344.9	71.5
Birmingham, AL	Jefferson, AL	warm	46	Talladega, AL	72.4	81.2	632.6	160.6
Birmingham, AL	Jefferson, AL	warm	46	Tallapoosa, AL	31.6	33.6	305.1	108.6
Birmingham, AL	Jefferson, AL	warm	46	Tippah, MS	24.9	45.5	151.3	38.5
Birmingham, AL	Jefferson, AL	warm	46	Tishomingo, MS	13.4	20.6	222.6	31.6
Birmingham, AL	Jefferson, AL	warm	46	Troup, GA	41.5	57.7	516.3	180.0
Birmingham, AL	Jefferson, AL	warm	46	Tuscaloosa, AL	98.8	90.2	1442.7	619.6
Birmingham, AL	Jefferson, AL	warm	46	Union, MS	19.2	34.0	357.6	28.9
Birmingham, AL	Jefferson, AL	warm	46	Walker, AL	87.8	426.2	2488.1	12775.4
Birmingham, AL	Jefferson, AL	warm	46	Walker, GA	27.1	46.5	299.4	154.7
Birmingham, AL	Jefferson, AL	warm	46	Washington, AL	91.2	192.7	1931.9	2856.2
Birmingham, AL	Jefferson, AL	warm	46	Wayne, MS	27.0	27.7	154.1	43.2
Birmingham, AL	Jefferson, AL	warm	46	Wayne, TN	28.9	30.9	182.7	36.9
Birmingham, AL	Jefferson, AL	warm	46	Webster, MS	11.2	24.9	71.6	8.9
Birmingham, AL	Jefferson, AL	warm	46	Whitfield, GA	47.4	116.7	1058.1	647.2
Birmingham, AL	Jefferson, AL	warm	46	Wilcox, AL	105.9	106.9	498.0	406.5
Birmingham, AL	Jefferson, AL	warm	46	Winston, AL	33.1	29.5	198.4	63.6
Birmingham, AL	Jefferson, AL	warm	46	Winston, MS	21.1	33.7	213.1	24.8
Canton, OH	Stark, OH	cold	3	Allegheny, PA	31.8	34.3	895.6	728.4
Canton, OH	Stark, OH	cold	3	Armstrong, PA	11.0	137.4	288.0	2970.4
Canton, OH	Stark, OH	cold	3	Ashland, OH	5.1	7.0	47.9	3.1
Canton, OH	Stark, OH	cold	3	Ashtabula, OH	9.2	9.8	206.0	80.8
Canton, OH	Stark, OH	cold	3	Athens, OH	3.2	3.2	46.3	20.6
Canton, OH	Stark, OH	cold	3	Beaver, PA	6.4	30.0	472.6	643.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Canton, OH	Stark, OH	cold	3	Belmont, OH	5.5	32.0	141.4	538.1
Canton, OH	Stark, OH	cold	3	Brooke, WV	2.7	5.0	30.2	19.1
Canton, OH	Stark, OH	cold	3	Butler, PA	6.2	10.3	106.8	47.5
Canton, OH	Stark, OH	cold	3	Cambria, PA	4.6	6.8	87.4	109.7
Canton, OH	Stark, OH	cold	3	Carroll, OH	2.0	2.7	23.0	1.7
Canton, OH	Stark, OH	cold	3	Cattaraugus, NY	13.1	11.8	44.1	15.2
Canton, OH	Stark, OH	cold	3	Champaign, OH	2.4	6.0	21.5	1.8
Canton, OH	Stark, OH	cold	3	Chautauqua, NY	15.6	48.4	153.5	356.1
Canton, OH	Stark, OH	cold	3	Clarion, PA	3.3	3.8	45.3	21.8
Canton, OH	Stark, OH	cold	3	Columbiana, OH	5.2	6.1	61.9	7.4
Canton, OH	Stark, OH	cold	3	Coshocton, OH	6.8	78.2	326.3	1511.3
Canton, OH	Stark, OH	cold	3	Crawford, OH	2.8	6.3	40.5	3.2
Canton, OH	Stark, OH	cold	3	Crawford, PA	5.9	7.5	85.1	15.7
Canton, OH	Stark, OH	cold	3	Cuyahoga, OH	22.9	15.7	683.5	183.4
Canton, OH	Stark, OH	cold	3	Delaware, OH	7.3	12.1	96.3	8.2
Canton, OH	Stark, OH	cold	3	Elk, PA	1.5	3.0	42.2	75.7
Canton, OH	Stark, OH	cold	3	Erie, OH	4.4	5.9	101.3	15.9
Canton, OH	Stark, OH	cold	3	Erie, PA	6.3	7.2	170.9	72.6
Canton, OH	Stark, OH	cold	3	Fairfield, OH	5.5	9.7	84.1	6.4
Canton, OH	Stark, OH	cold	3	Fayette, PA	4.2	4.8	57.5	18.3
Canton, OH	Stark, OH	cold	3	Forest, PA	1.6	1.6	12.4	0.6
Canton, OH	Stark, OH	cold	3	Franklin, OH	18.8	14.3	533.6	57.9
Canton, OH	Stark, OH	cold	3	Garrett, MD	4.1	3.5	35.4	12.1
Canton, OH	Stark, OH	cold	3	Geauga, OH	6.5	6.8	43.9	6.5
Canton, OH	Stark, OH	cold	3	Greene, PA	8.4	101.9	288.3	2073.9
Canton, OH	Stark, OH	cold	3	Guernsey, OH	3.7	3.3	84.8	11.3
Canton, OH	Stark, OH	cold	3	Hancock, OH	3.9	9.6	61.8	4.7
Canton, OH	Stark, OH	cold	3	Hancock, WV	10.0	28.3	62.3	28.9
Canton, OH	Stark, OH	cold	3	Hardin, OH	2.2	7.0	24.1	2.2
Canton, OH	Stark, OH	cold	3	Harrison, OH	1.4	1.7	9.3	1.8
Canton, OH	Stark, OH	cold	3	Hocking, OH	2.3	2.7	30.3	3.3
Canton, OH	Stark, OH	cold	3	Holmes, OH	3.5	5.2	21.3	2.4
Canton, OH	Stark, OH	cold	3	Huron, OH	3.6	7.1	41.1	3.7
Canton, OH	Stark, OH	cold	3	Indiana, PA	12.0	142.1	605.3	2087.8
Canton, OH	Stark, OH	cold	3	Jefferson, OH	10.2	130.5	653.2	3170.2
Canton, OH	Stark, OH	cold	3	Jefferson, PA	3.5	3.6	42.4	13.3
Canton, OH	Stark, OH	cold	3	Knox, OH	3.9	6.5	30.5	2.6
Canton, OH	Stark, OH	cold	3	Lake, OH	6.6	35.0	315.4	1140.6
Canton, OH	Stark, OH	cold	3	Lawrence, PA	4.4	20.9	127.4	324.1
Canton, OH	Stark, OH	cold	3	Licking, OH	10.7	16.4	105.2	10.8
Canton, OH	Stark, OH	cold	3	Logan, OH	3.2	6.4	31.1	2.6
Canton, OH	Stark, OH	cold	3	Lorain, OH	10.9	36.4	326.8	629.6
Canton, OH	Stark, OH	cold	3	Madison, OH	2.5	9.3	44.1	2.7
Canton, OH	Stark, OH	cold	3	Mahoning, OH	4.8	5.2	142.7	27.3
Canton, OH	Stark, OH	cold	3	Marion, OH	3.4	8.1	48.4	9.2
Canton, OH	Stark, OH	cold	3	Marshall, WV	4.4	51.2	565.1	1670.1
Canton, OH	Stark, OH	cold	3	McKean, PA	3.0	5.1	46.1	55.6
Canton, OH	Stark, OH	cold	3	Medina, OH	7.9	9.5	97.0	10.8
Canton, OH	Stark, OH	cold	3	Mercer, PA	4.1	6.6	85.1	14.7
Canton, OH	Stark, OH	cold	3	Monongalia, WV	6.6	57.1	183.3	1192.9
Canton, OH	Stark, OH	cold	3	Monroe, OH	2.2	4.8	35.1	48.6
Canton, OH	Stark, OH	cold	3	Morgan, OH	1.3	1.8	5.7	0.5
Canton, OH	Stark, OH	cold	3	Morrow, OH	2.9	5.7	35.2	2.0
Canton, OH	Stark, OH	cold	3	Muskingum, OH	4.5	6.9	66.0	14.5
Canton, OH	Stark, OH	cold	3	Noble, OH	1.3	1.7	19.7	0.8
Canton, OH	Stark, OH	cold	3	Ohio, WV	2.1	2.1	47.1	7.7
Canton, OH	Stark, OH	cold	3	Ottawa, OH	3.9	6.8	78.0	18.2
Canton, OH	Stark, OH	cold	3	Perry, OH	2.1	3.4	27.1	2.4
Canton, OH	Stark, OH	cold	3	Pickaway, OH	3.3	13.1	71.1	96.2
Canton, OH	Stark, OH	cold	3	Pleasants, WV	2.0	21.0	211.0	877.5
Canton, OH	Stark, OH	cold	3	Portage, OH	7.0	7.1	102.9	7.8
Canton, OH	Stark, OH	cold	3	Preston, WV	2.3	13.1	56.2	243.0
Canton, OH	Stark, OH	cold	3	Richland, OH	5.6	8.6	98.3	61.8
Canton, OH	Stark, OH	cold	3	Sandusky, OH	3.7	9.8	104.3	31.0
Canton, OH	Stark, OH	cold	3	Seneca, OH	4.3	9.2	57.4	32.1
Canton, OH	Stark, OH	cold	3	Somerset, PA	6.0	6.4	65.9	26.1
Canton, OH	Stark, OH	cold	3	Stark, OH	8.1	11.8	184.6	33.0
Canton, OH	Stark, OH	cold	3	Summit, OH	8.2	6.0	245.6	177.5
Canton, OH	Stark, OH	cold	3	Trumbull, OH	8.8	13.6	189.2	261.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Canton, OH	Stark, OH	cold	3	Tuscarawas, OH	4.2	4.7	69.6	40.9
Canton, OH	Stark, OH	cold	3	Tyler, WV	0.8	1.5	20.1	6.9
Canton, OH	Stark, OH	cold	3	Union, OH	4.4	10.0	33.9	3.0
Canton, OH	Stark, OH	cold	3	Venango, PA	3.3	3.9	39.0	27.2
Canton, OH	Stark, OH	cold	3	Warren, PA	3.0	3.6	33.8	46.1
Canton, OH	Stark, OH	cold	3	Washington, OH	10.5	93.2	344.3	2325.8
Canton, OH	Stark, OH	cold	3	Washington, PA	7.3	14.6	230.8	89.4
Canton, OH	Stark, OH	cold	3	Wayne, OH	6.6	12.9	106.8	68.1
Canton, OH	Stark, OH	cold	3	Westmoreland, PA	11.3	12.5	235.7	49.6
Canton, OH	Stark, OH	cold	3	Wetzel, WV	1.2	1.5	56.4	9.8
Canton, OH	Stark, OH	cold	3	Wood, OH	5.8	11.6	118.9	8.1
Canton, OH	Stark, OH	cold	3	Wood, WV	5.9	7.3	83.0	88.3
Canton, OH	Stark, OH	cold	3	Wyandot, OH	2.0	7.4	24.8	1.8
Canton, OH	Stark, OH	warm	15	Allegheny, PA	220.1	237.9	6204.9	5046.2
Canton, OH	Stark, OH	warm	15	Armstrong, PA	76.5	952.1	1995.3	20579.4
Canton, OH	Stark, OH	warm	15	Ashland, OH	35.6	48.8	332.1	21.6
Canton, OH	Stark, OH	warm	15	Ashtabula, OH	63.5	67.6	1426.9	560.1
Canton, OH	Stark, OH	warm	15	Athens, OH	22.4	22.4	321.0	143.0
Canton, OH	Stark, OH	warm	15	Beaver, PA	44.2	207.8	3274.5	4456.1
Canton, OH	Stark, OH	warm	15	Belmont, OH	38.4	221.6	979.5	3728.0
Canton, OH	Stark, OH	warm	15	Brooke, WV	18.7	34.4	208.9	132.3
Canton, OH	Stark, OH	warm	15	Butler, PA	43.3	71.4	740.1	329.3
Canton, OH	Stark, OH	warm	15	Cambria, PA	31.8	46.8	605.6	760.0
Canton, OH	Stark, OH	warm	15	Carroll, OH	13.9	18.9	159.5	12.0
Canton, OH	Stark, OH	warm	15	Cattaraugus, NY	90.8	82.0	305.4	105.2
Canton, OH	Stark, OH	warm	15	Champaign, OH	16.4	41.2	149.1	12.8
Canton, OH	Stark, OH	warm	15	Chautauqua, NY	107.9	335.6	1063.2	2467.4
Canton, OH	Stark, OH	warm	15	Clarion, PA	22.8	26.2	314.0	151.2
Canton, OH	Stark, OH	warm	15	Columbiana, OH	35.8	42.0	429.1	51.5
Canton, OH	Stark, OH	warm	15	Coshocton, OH	47.4	541.8	2260.5	10470.8
Canton, OH	Stark, OH	warm	15	Crawford, OH	19.5	43.9	280.7	22.3
Canton, OH	Stark, OH	warm	15	Crawford, PA	40.9	51.7	589.8	109.0
Canton, OH	Stark, OH	warm	15	Cuyahoga, OH	158.7	108.9	4735.3	1270.4
Canton, OH	Stark, OH	warm	15	Delaware, OH	50.4	83.8	666.9	56.9
Canton, OH	Stark, OH	warm	15	Elk, PA	10.7	21.0	292.4	524.1
Canton, OH	Stark, OH	warm	15	Erie, OH	30.5	40.8	701.8	110.1
Canton, OH	Stark, OH	warm	15	Erie, PA	43.4	49.8	1183.8	502.8
Canton, OH	Stark, OH	warm	15	Fairfield, OH	38.2	67.2	582.5	44.1
Canton, OH	Stark, OH	warm	15	Fayette, PA	29.2	33.4	398.4	126.6
Canton, OH	Stark, OH	warm	15	Forest, PA	10.9	10.8	86.2	4.1
Canton, OH	Stark, OH	warm	15	Franklin, OH	130.1	98.8	3696.7	401.4
Canton, OH	Stark, OH	warm	15	Garrett, MD	28.2	24.3	245.0	84.1
Canton, OH	Stark, OH	warm	15	Geauga, OH	45.2	46.8	304.0	44.9
Canton, OH	Stark, OH	warm	15	Greene, PA	58.1	705.7	1997.4	14368.0
Canton, OH	Stark, OH	warm	15	Guernsey, OH	25.4	22.8	587.7	78.2
Canton, OH	Stark, OH	warm	15	Hancock, OH	26.9	66.3	428.4	32.6
Canton, OH	Stark, OH	warm	15	Hancock, WV	69.0	195.8	431.8	199.9
Canton, OH	Stark, OH	warm	15	Hardin, OH	15.1	48.3	166.9	15.0
Canton, OH	Stark, OH	warm	15	Harrison, OH	9.4	11.5	64.6	12.8
Canton, OH	Stark, OH	warm	15	Hocking, OH	16.1	18.5	210.2	22.6
Canton, OH	Stark, OH	warm	15	Holmes, OH	24.2	35.9	147.5	16.4
Canton, OH	Stark, OH	warm	15	Huron, OH	25.2	49.1	284.7	25.7
Canton, OH	Stark, OH	warm	15	Indiana, PA	83.5	984.6	4193.8	14464.3
Canton, OH	Stark, OH	warm	15	Jefferson, OH	70.8	904.3	4525.3	21963.2
Canton, OH	Stark, OH	warm	15	Jefferson, PA	24.0	24.7	294.0	92.5
Canton, OH	Stark, OH	warm	15	Knox, OH	27.1	45.1	211.2	18.2
Canton, OH	Stark, OH	warm	15	Lake, OH	45.4	242.8	2185.1	7902.0
Canton, OH	Stark, OH	warm	15	Lawrence, PA	30.7	144.5	882.5	2245.1
Canton, OH	Stark, OH	warm	15	Licking, OH	74.3	113.9	729.1	75.1
Canton, OH	Stark, OH	warm	15	Logan, OH	22.5	44.7	215.2	17.9
Canton, OH	Stark, OH	warm	15	Lorain, OH	75.6	251.9	2264.0	4361.9
Canton, OH	Stark, OH	warm	15	Madison, OH	17.3	64.4	305.9	18.7
Canton, OH	Stark, OH	warm	15	Mahoning, OH	33.1	35.9	988.8	188.9
Canton, OH	Stark, OH	warm	15	Marion, OH	23.8	56.3	335.3	64.0
Canton, OH	Stark, OH	warm	15	Marshall, WV	30.3	354.8	3914.9	11570.7
Canton, OH	Stark, OH	warm	15	McKean, PA	20.8	35.0	319.1	385.0
Canton, OH	Stark, OH	warm	15	Medina, OH	54.7	66.1	671.9	74.6
Canton, OH	Stark, OH	warm	15	Mercer, PA	28.4	45.8	589.3	102.1
Canton, OH	Stark, OH	warm	15	Monongalia, WV	46.0	395.8	1269.9	8264.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Canton, OH	Stark, OH	warm	15	Monroe, OH	15.0	33.1	243.0	336.7
Canton, OH	Stark, OH	warm	15	Morgan, OH	8.7	12.7	39.3	3.3
Canton, OH	Stark, OH	warm	15	Morrow, OH	20.2	39.6	244.2	13.7
Canton, OH	Stark, OH	warm	15	Muskingum, OH	31.5	48.0	457.3	100.6
Canton, OH	Stark, OH	warm	15	Noble, OH	9.0	11.7	136.7	5.6
Canton, OH	Stark, OH	warm	15	Ohio, WV	14.4	14.2	326.1	53.1
Canton, OH	Stark, OH	warm	15	Ottawa, OH	26.9	47.4	540.5	126.4
Canton, OH	Stark, OH	warm	15	Perry, OH	14.7	23.6	187.6	16.6
Canton, OH	Stark, OH	warm	15	Pickaway, OH	22.8	90.5	492.3	666.4
Canton, OH	Stark, OH	warm	15	Pleasants, WV	14.2	145.6	1462.0	6079.5
Canton, OH	Stark, OH	warm	15	Portage, OH	48.6	49.2	712.6	53.7
Canton, OH	Stark, OH	warm	15	Preston, WV	15.9	91.0	389.1	1683.4
Canton, OH	Stark, OH	warm	15	Richland, OH	38.5	59.4	681.3	428.5
Canton, OH	Stark, OH	warm	15	Sandusky, OH	25.9	67.7	722.6	215.0
Canton, OH	Stark, OH	warm	15	Seneca, OH	29.6	63.8	398.0	222.3
Canton, OH	Stark, OH	warm	15	Somerset, PA	41.7	44.7	456.3	180.7
Canton, OH	Stark, OH	warm	15	Stark, OH	56.2	82.0	1279.0	228.8
Canton, OH	Stark, OH	warm	15	Summit, OH	56.5	41.6	1701.9	1229.9
Canton, OH	Stark, OH	warm	15	Trumbull, OH	61.2	94.0	1311.0	1813.9
Canton, OH	Stark, OH	warm	15	Tuscarawas, OH	28.9	32.5	482.2	283.4
Canton, OH	Stark, OH	warm	15	Tyler, WV	5.5	10.2	139.1	48.1
Canton, OH	Stark, OH	warm	15	Union, OH	30.5	69.0	234.6	21.0
Canton, OH	Stark, OH	warm	15	Venango, PA	23.1	26.8	270.3	188.1
Canton, OH	Stark, OH	warm	15	Warren, PA	20.6	25.1	234.3	319.7
Canton, OH	Stark, OH	warm	15	Washington, OH	72.6	645.7	2385.3	16113.4
Canton, OH	Stark, OH	warm	15	Washington, PA	50.4	101.3	1599.1	619.4
Canton, OH	Stark, OH	warm	15	Wayne, OH	45.9	89.1	739.8	471.8
Canton, OH	Stark, OH	warm	15	Westmoreland, PA	78.3	86.9	1632.8	343.7
Canton, OH	Stark, OH	warm	15	Wetzel, WV	8.4	10.1	390.6	67.7
Canton, OH	Stark, OH	warm	15	Wood, OH	40.4	80.6	823.6	56.4
Canton, OH	Stark, OH	warm	15	Wood, WV	41.2	50.9	575.1	612.1
Canton, OH	Stark, OH	warm	15	Wyandot, OH	14.0	51.3	171.6	12.5
Charleston, WV	Kanawha, WV	cold	1	Adams, OH	2.3	22.5	159.5	595.8
Charleston, WV	Kanawha, WV	cold	1	Albemarle, VA	1.7	1.7	23.7	4.8
Charleston, WV	Kanawha, WV	cold	1	Alleghany, VA	0.6	0.6	6.4	1.1
Charleston, WV	Kanawha, WV	cold	1	Amherst, VA	0.9	0.9	9.1	1.9
Charleston, WV	Kanawha, WV	cold	1	Athens, OH	1.1	1.1	15.4	6.9
Charleston, WV	Kanawha, WV	cold	1	Augusta, VA	1.9	2.1	21.7	3.2
Charleston, WV	Kanawha, WV	cold	1	Barbour, WV	0.3	0.7	3.2	0.5
Charleston, WV	Kanawha, WV	cold	1	Bath, VA	0.2	0.4	1.1	0.5
Charleston, WV	Kanawha, WV	cold	1	Bedford, VA	2.0	3.2	14.0	7.9
Charleston, WV	Kanawha, WV	cold	1	Belmont, OH	1.8	10.7	47.1	179.4
Charleston, WV	Kanawha, WV	cold	1	Bland, VA	0.2	0.4	4.1	0.4
Charleston, WV	Kanawha, WV	cold	1	Boone, WV	0.6	0.7	6.0	0.5
Charleston, WV	Kanawha, WV	cold	1	Botetourt, VA	1.3	2.1	26.7	15.8
Charleston, WV	Kanawha, WV	cold	1	Boyd, KY	1.9	4.8	47.8	49.5
Charleston, WV	Kanawha, WV	cold	1	Braxton, WV	0.5	0.7	8.0	1.1
Charleston, WV	Kanawha, WV	cold	1	Breathitt, KY	0.4	0.5	2.3	0.4
Charleston, WV	Kanawha, WV	cold	1	Buchanan, VA	0.7	1.8	7.4	24.9
Charleston, WV	Kanawha, WV	cold	1	Buena Vista, VA	0.0	0.1	1.1	0.4
Charleston, WV	Kanawha, WV	cold	1	Cabell, WV	2.0	2.4	50.2	20.5
Charleston, WV	Kanawha, WV	cold	1	Calhoun, WV	0.1	0.3	3.7	0.2
Charleston, WV	Kanawha, WV	cold	1	Carroll, VA	0.9	1.0	8.7	1.1
Charleston, WV	Kanawha, WV	cold	1	Carter, KY	0.7	1.0	11.2	0.8
Charleston, WV	Kanawha, WV	cold	1	Clay, WV	0.2	0.4	1.5	0.2
Charleston, WV	Kanawha, WV	cold	1	Craig, VA	0.1	0.3	0.6	0.1
Charleston, WV	Kanawha, WV	cold	1	Dickenson, VA	0.4	0.5	2.9	0.5
Charleston, WV	Kanawha, WV	cold	1	Doddridge, WV	0.1	0.4	4.5	0.3
Charleston, WV	Kanawha, WV	cold	1	Elliott, KY	0.1	0.3	0.8	0.1
Charleston, WV	Kanawha, WV	cold	1	Fairfield, OH	1.8	3.2	28.0	2.1
Charleston, WV	Kanawha, WV	cold	1	Fayette, OH	0.7	2.2	10.4	0.7
Charleston, WV	Kanawha, WV	cold	1	Fayette, WV	1.2	1.6	21.3	17.0
Charleston, WV	Kanawha, WV	cold	1	Floyd, KY	1.0	1.1	10.8	0.8
Charleston, WV	Kanawha, WV	cold	1	Floyd, VA	0.4	0.6	2.1	0.4
Charleston, WV	Kanawha, WV	cold	1	Gallia, OH	2.4	27.0	278.5	475.0
Charleston, WV	Kanawha, WV	cold	1	Garrett, MD	1.4	1.2	11.8	4.0
Charleston, WV	Kanawha, WV	cold	1	Giles, VA	0.7	4.2	45.4	94.1
Charleston, WV	Kanawha, WV	cold	1	Gilmer, WV	0.2	0.4	5.2	0.4
Charleston, WV	Kanawha, WV	cold	1	Grant, WV	1.6	24.2	114.1	21.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Charleston, WV	Kanawha, WV	cold	1	Grayson, VA	0.5	0.7	2.3	0.7
Charleston, WV	Kanawha, WV	cold	1	Greenbrier, WV	1.0	1.0	9.8	1.3
Charleston, WV	Kanawha, WV	cold	1	Greenup, KY	0.7	0.7	19.3	10.3
Charleston, WV	Kanawha, WV	cold	1	Guernsey, OH	1.2	1.1	28.3	3.8
Charleston, WV	Kanawha, WV	cold	1	Hampshire, WV	0.7	0.7	3.8	0.5
Charleston, WV	Kanawha, WV	cold	1	Hardy, WV	0.5	0.7	4.4	1.0
Charleston, WV	Kanawha, WV	cold	1	Harlan, KY	0.7	0.8	3.7	1.1
Charleston, WV	Kanawha, WV	cold	1	Harrison, WV	2.0	9.7	112.3	24.9
Charleston, WV	Kanawha, WV	cold	1	Highland, OH	1.0	1.9	7.3	0.6
Charleston, WV	Kanawha, WV	cold	1	Highland, VA	0.1	0.3	0.5	0.1
Charleston, WV	Kanawha, WV	cold	1	Hocking, OH	0.8	0.9	10.1	1.1
Charleston, WV	Kanawha, WV	cold	1	Jackson, OH	0.8	0.9	4.9	0.7
Charleston, WV	Kanawha, WV	cold	1	Jackson, WV	0.9	2.7	14.3	15.7
Charleston, WV	Kanawha, WV	cold	1	Johnson, KY	0.6	0.7	4.8	0.7
Charleston, WV	Kanawha, WV	cold	1	Kanawha, WV	4.0	5.0	113.1	102.0
Charleston, WV	Kanawha, WV	cold	1	Knott, KY	0.5	0.6	5.6	0.3
Charleston, WV	Kanawha, WV	cold	1	Lawrence, KY	0.9	9.7	64.9	237.0
Charleston, WV	Kanawha, WV	cold	1	Lawrence, OH	3.2	1.8	17.8	2.7
Charleston, WV	Kanawha, WV	cold	1	Lee, VA	0.6	0.8	4.2	0.7
Charleston, WV	Kanawha, WV	cold	1	Letcher, KY	0.7	0.9	4.3	0.6
Charleston, WV	Kanawha, WV	cold	1	Lewis, KY	0.7	0.7	13.9	2.3
Charleston, WV	Kanawha, WV	cold	1	Lewis, WV	0.3	0.5	16.8	1.6
Charleston, WV	Kanawha, WV	cold	1	Licking, OH	3.6	5.5	35.1	3.6
Charleston, WV	Kanawha, WV	cold	1	Lincoln, WV	0.4	0.6	2.7	0.2
Charleston, WV	Kanawha, WV	cold	1	Logan, WV	0.7	0.7	4.6	0.5
Charleston, WV	Kanawha, WV	cold	1	Magoffin, KY	0.3	0.4	2.1	0.3
Charleston, WV	Kanawha, WV	cold	1	Marion, WV	0.9	1.6	19.3	16.6
Charleston, WV	Kanawha, WV	cold	1	Marshall, WV	1.5	17.1	188.4	556.7
Charleston, WV	Kanawha, WV	cold	1	Martin, KY	0.3	0.6	4.1	0.8
Charleston, WV	Kanawha, WV	cold	1	Mason, WV	1.4	13.2	115.9	390.8
Charleston, WV	Kanawha, WV	cold	1	Mc Dowell, WV	0.6	0.7	6.8	1.6
Charleston, WV	Kanawha, WV	cold	1	Meigs, OH	0.7	0.7	10.2	1.6
Charleston, WV	Kanawha, WV	cold	1	Menifee, KY	0.2	0.3	0.8	0.2
Charleston, WV	Kanawha, WV	cold	1	Mercer, WV	1.3	1.2	14.9	2.1
Charleston, WV	Kanawha, WV	cold	1	Mineral, WV	0.9	1.3	5.7	2.1
Charleston, WV	Kanawha, WV	cold	1	Mingo, WV	0.7	0.7	13.6	1.1
Charleston, WV	Kanawha, WV	cold	1	Monroe, OH	0.7	1.6	11.7	16.2
Charleston, WV	Kanawha, WV	cold	1	Monroe, WV	0.3	0.5	2.3	0.9
Charleston, WV	Kanawha, WV	cold	1	Montgomery, VA	1.2	1.5	25.3	19.4
Charleston, WV	Kanawha, WV	cold	1	Morgan, KY	0.4	0.5	2.1	0.5
Charleston, WV	Kanawha, WV	cold	1	Morgan, OH	0.4	0.6	1.9	0.2
Charleston, WV	Kanawha, WV	cold	1	Muskingum, OH	1.5	2.3	22.0	4.8
Charleston, WV	Kanawha, WV	cold	1	Nelson, VA	0.6	0.6	3.8	0.6
Charleston, WV	Kanawha, WV	cold	1	Nicholas, WV	0.6	0.8	5.0	0.8
Charleston, WV	Kanawha, WV	cold	1	Noble, OH	0.4	0.6	6.6	0.3
Charleston, WV	Kanawha, WV	cold	1	Norton, VA	0.0	0.1	1.9	0.1
Charleston, WV	Kanawha, WV	cold	1	Pendleton, WV	0.2	0.6	2.5	0.4
Charleston, WV	Kanawha, WV	cold	1	Perry, KY	1.3	1.3	7.2	1.2
Charleston, WV	Kanawha, WV	cold	1	Perry, OH	0.7	1.1	9.0	0.8
Charleston, WV	Kanawha, WV	cold	1	Pickaway, OH	1.1	4.4	23.7	32.1
Charleston, WV	Kanawha, WV	cold	1	Pike, KY	1.7	1.9	18.0	1.8
Charleston, WV	Kanawha, WV	cold	1	Pike, OH	1.2	1.4	8.8	11.3
Charleston, WV	Kanawha, WV	cold	1	Pleasants, WV	0.7	7.0	70.3	292.5
Charleston, WV	Kanawha, WV	cold	1	Pocahontas, WV	0.3	0.4	1.8	1.3
Charleston, WV	Kanawha, WV	cold	1	Preston, WV	0.8	4.4	18.7	81.0
Charleston, WV	Kanawha, WV	cold	1	Pulaski, VA	0.9	1.2	11.5	2.1
Charleston, WV	Kanawha, WV	cold	1	Putnam, WV	2.2	18.0	176.4	535.8
Charleston, WV	Kanawha, WV	cold	1	Radford (City), VA	0.1	0.7	2.4	0.8
Charleston, WV	Kanawha, WV	cold	1	Raleigh, WV	1.5	1.6	16.0	1.6
Charleston, WV	Kanawha, WV	cold	1	Randolph, WV	0.6	0.7	12.1	1.0
Charleston, WV	Kanawha, WV	cold	1	Ritchie, WV	0.2	0.4	3.3	0.6
Charleston, WV	Kanawha, WV	cold	1	Roane, WV	0.3	0.5	2.8	0.4
Charleston, WV	Kanawha, WV	cold	1	Roanoke, VA	1.3	1.6	18.5	2.9
Charleston, WV	Kanawha, WV	cold	1	Rockbridge, VA	0.8	1.0	12.0	2.7
Charleston, WV	Kanawha, WV	cold	1	Rockingham, VA	2.0	3.5	19.3	4.8
Charleston, WV	Kanawha, WV	cold	1	Ross, OH	1.6	2.6	31.7	115.2
Charleston, WV	Kanawha, WV	cold	1	Rowan, KY	0.6	0.7	7.4	1.3
Charleston, WV	Kanawha, WV	cold	1	Russell, VA	0.9	4.3	40.9	125.3
Charleston, WV	Kanawha, WV	cold	1	Scioto, OH	2.0	1.6	23.5	2.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Charleston, WV	Kanawha, WV	cold	1	Scott, VA	0.7	0.7	4.6	0.8
Charleston, WV	Kanawha, WV	cold	1	Smyth, VA	0.9	1.2	9.9	2.6
Charleston, WV	Kanawha, WV	cold	1	Staunton (City), VA	0.2	0.2	2.3	0.3
Charleston, WV	Kanawha, WV	cold	1	Summers, WV	0.3	0.4	3.6	0.4
Charleston, WV	Kanawha, WV	cold	1	Taylor, WV	0.2	0.7	6.9	2.0
Charleston, WV	Kanawha, WV	cold	1	Tazewell, VA	1.0	1.0	8.4	1.4
Charleston, WV	Kanawha, WV	cold	1	Tucker, WV	0.2	0.8	2.6	0.6
Charleston, WV	Kanawha, WV	cold	1	Tyler, WV	0.3	0.5	6.7	2.3
Charleston, WV	Kanawha, WV	cold	1	Upshur, WV	0.5	0.7	5.7	0.7
Charleston, WV	Kanawha, WV	cold	1	Vinton, OH	0.4	0.5	2.2	0.3
Charleston, WV	Kanawha, WV	cold	1	Washington, OH	3.5	31.1	114.8	775.3
Charleston, WV	Kanawha, WV	cold	1	Washington, VA	1.3	1.5	15.4	2.2
Charleston, WV	Kanawha, WV	cold	1	Wayne, WV	2.1	0.9	35.9	4.9
Charleston, WV	Kanawha, WV	cold	1	Waynesboro (City), VA	0.3	0.5	7.8	6.8
Charleston, WV	Kanawha, WV	cold	1	Webster, WV	0.2	0.4	1.0	0.3
Charleston, WV	Kanawha, WV	cold	1	Wetzel, WV	0.4	0.5	18.8	3.3
Charleston, WV	Kanawha, WV	cold	1	Wirt, WV	0.1	0.3	0.6	0.1
Charleston, WV	Kanawha, WV	cold	1	Wise, VA	0.9	0.9	7.6	0.9
Charleston, WV	Kanawha, WV	cold	1	Wolfe, KY	0.2	0.3	1.1	0.2
Charleston, WV	Kanawha, WV	cold	1	Wood, WV	2.0	2.4	27.7	29.4
Charleston, WV	Kanawha, WV	cold	1	Wyoming, WV	0.5	1.5	14.6	1.6
Charleston, WV	Kanawha, WV	cold	1	Wythe, VA	0.8	0.9	13.4	1.3
Charleston, WV	Kanawha, WV	warm	18	Adams, OH	58.1	560.0	3979.1	14860.8
Charleston, WV	Kanawha, WV	warm	18	Albemarle, VA	43.1	41.5	590.8	118.5
Charleston, WV	Kanawha, WV	warm	18	Alleghany, VA	15.6	14.4	159.6	26.4
Charleston, WV	Kanawha, WV	warm	18	Amherst, VA	22.9	23.6	227.0	48.0
Charleston, WV	Kanawha, WV	warm	18	Athens, OH	26.8	26.8	385.2	171.6
Charleston, WV	Kanawha, WV	warm	18	Augusta, VA	47.0	51.3	540.3	79.0
Charleston, WV	Kanawha, WV	warm	18	Barbour, WV	7.2	16.6	78.6	12.7
Charleston, WV	Kanawha, WV	warm	18	Bath, VA	4.9	9.4	26.3	11.3
Charleston, WV	Kanawha, WV	warm	18	Bedford, VA	50.2	80.2	348.9	196.7
Charleston, WV	Kanawha, WV	warm	18	Belmont, OH	46.1	265.9	1175.4	4473.6
Charleston, WV	Kanawha, WV	warm	18	Bland, VA	5.2	10.2	101.6	9.5
Charleston, WV	Kanawha, WV	warm	18	Boone, WV	15.7	18.6	150.8	12.2
Charleston, WV	Kanawha, WV	warm	18	Botetourt, VA	31.6	52.2	666.6	393.5
Charleston, WV	Kanawha, WV	warm	18	Boyd, KY	48.4	120.3	1191.0	1235.4
Charleston, WV	Kanawha, WV	warm	18	Braxton, WV	12.4	17.2	200.2	28.5
Charleston, WV	Kanawha, WV	warm	18	Breathitt, KY	10.1	11.8	56.8	10.1
Charleston, WV	Kanawha, WV	warm	18	Buchanan, VA	18.0	46.1	183.5	620.9
Charleston, WV	Kanawha, WV	warm	18	Buena Vista, VA	1.0	2.1	27.5	10.7
Charleston, WV	Kanawha, WV	warm	18	Cabell, WV	51.0	58.9	1252.3	512.4
Charleston, WV	Kanawha, WV	warm	18	Calhoun, WV	3.2	8.7	93.3	4.4
Charleston, WV	Kanawha, WV	warm	18	Carroll, VA	21.8	24.6	218.2	27.8
Charleston, WV	Kanawha, WV	warm	18	Carter, KY	17.0	25.9	278.2	18.8
Charleston, WV	Kanawha, WV	warm	18	Clay, WV	5.9	10.9	36.6	5.1
Charleston, WV	Kanawha, WV	warm	18	Craig, VA	3.6	8.6	14.2	2.0
Charleston, WV	Kanawha, WV	warm	18	Dickenson, VA	10.4	13.5	72.4	12.9
Charleston, WV	Kanawha, WV	warm	18	Doddridge, WV	3.3	8.8	113.3	6.2
Charleston, WV	Kanawha, WV	warm	18	Elliott, KY	3.5	6.9	18.7	2.8
Charleston, WV	Kanawha, WV	warm	18	Fairfield, OH	45.8	80.6	699.0	52.9
Charleston, WV	Kanawha, WV	warm	18	Fayette, OH	17.0	55.4	259.0	18.3
Charleston, WV	Kanawha, WV	warm	18	Fayette, WV	31.0	40.6	531.0	423.0
Charleston, WV	Kanawha, WV	warm	18	Floyd, KY	25.3	27.4	269.7	19.0
Charleston, WV	Kanawha, WV	warm	18	Floyd, VA	9.9	14.3	51.9	8.8
Charleston, WV	Kanawha, WV	warm	18	Gallia, OH	58.7	673.3	6945.3	11847.6
Charleston, WV	Kanawha, WV	warm	18	Garrett, MD	33.9	29.2	293.9	100.9
Charleston, WV	Kanawha, WV	warm	18	Giles, VA	18.6	105.6	1133.1	2346.5
Charleston, WV	Kanawha, WV	warm	18	Gilmer, WV	4.2	9.2	128.9	9.8
Charleston, WV	Kanawha, WV	warm	18	Grant, WV	40.4	602.4	2845.9	546.1
Charleston, WV	Kanawha, WV	warm	18	Grayson, VA	11.8	16.5	57.2	17.2
Charleston, WV	Kanawha, WV	warm	18	Greenbrier, WV	25.3	24.1	243.9	33.2
Charleston, WV	Kanawha, WV	warm	18	Greenup, KY	17.7	18.5	482.6	256.8
Charleston, WV	Kanawha, WV	warm	18	Guernsey, OH	30.5	27.3	705.2	93.9
Charleston, WV	Kanawha, WV	warm	18	Hampshire, WV	16.9	18.7	94.0	11.8
Charleston, WV	Kanawha, WV	warm	18	Hardy, WV	12.3	17.9	108.6	25.9
Charleston, WV	Kanawha, WV	warm	18	Harlan, KY	18.5	20.8	93.5	27.9
Charleston, WV	Kanawha, WV	warm	18	Harrison, WV	48.8	242.4	2800.8	622.0
Charleston, WV	Kanawha, WV	warm	18	Highland, OH	25.8	47.0	182.2	15.5
Charleston, WV	Kanawha, WV	warm	18	Highland, VA	2.4	7.6	13.1	2.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Charleston, WV	Kanawha, WV	warm	18	Hocking, OH	19.3	22.2	252.2	27.1
Charleston, WV	Kanawha, WV	warm	18	Jackson, OH	20.1	21.8	121.3	17.5
Charleston, WV	Kanawha, WV	warm	18	Jackson, WV	22.2	68.1	357.2	391.3
Charleston, WV	Kanawha, WV	warm	18	Johnson, KY	13.9	16.3	121.0	16.5
Charleston, WV	Kanawha, WV	warm	18	Kanawha, WV	100.8	123.7	2821.7	2545.1
Charleston, WV	Kanawha, WV	warm	18	Knott, KY	12.6	15.4	139.8	7.8
Charleston, WV	Kanawha, WV	warm	18	Lawrence, KY	23.4	242.3	1619.0	5910.5
Charleston, WV	Kanawha, WV	warm	18	Lawrence, OH	79.1	45.2	443.4	67.5
Charleston, WV	Kanawha, WV	warm	18	Lee, VA	15.3	18.9	104.1	16.6
Charleston, WV	Kanawha, WV	warm	18	Letcher, KY	16.6	21.3	106.3	15.7
Charleston, WV	Kanawha, WV	warm	18	Lewis, KY	16.3	16.8	347.2	57.8
Charleston, WV	Kanawha, WV	warm	18	Lewis, WV	8.4	12.1	417.9	40.7
Charleston, WV	Kanawha, WV	warm	18	Licking, OH	89.2	136.7	874.9	90.1
Charleston, WV	Kanawha, WV	warm	18	Lincoln, WV	10.5	14.7	66.9	5.6
Charleston, WV	Kanawha, WV	warm	18	Logan, WV	16.7	17.8	115.4	11.8
Charleston, WV	Kanawha, WV	warm	18	Magoffin, KY	6.8	9.8	53.2	8.3
Charleston, WV	Kanawha, WV	warm	18	Marion, WV	22.2	40.3	482.2	413.3
Charleston, WV	Kanawha, WV	warm	18	Marshall, WV	36.4	425.7	4697.9	13884.8
Charleston, WV	Kanawha, WV	warm	18	Martin, KY	8.2	14.3	101.5	20.4
Charleston, WV	Kanawha, WV	warm	18	Mason, WV	36.0	329.7	2889.5	9747.8
Charleston, WV	Kanawha, WV	warm	18	Mc Dowell, WV	15.0	17.9	169.8	40.1
Charleston, WV	Kanawha, WV	warm	18	Meigs, OH	18.2	18.5	254.3	39.8
Charleston, WV	Kanawha, WV	warm	18	Menifee, KY	4.0	8.6	19.2	3.8
Charleston, WV	Kanawha, WV	warm	18	Mercer, WV	32.5	31.0	372.6	52.5
Charleston, WV	Kanawha, WV	warm	18	Mineral, WV	23.4	33.5	143.3	53.0
Charleston, WV	Kanawha, WV	warm	18	Mingo, WV	16.6	18.7	340.0	26.8
Charleston, WV	Kanawha, WV	warm	18	Monroe, OH	18.0	39.8	291.6	404.0
Charleston, WV	Kanawha, WV	warm	18	Monroe, WV	6.7	12.1	56.9	22.3
Charleston, WV	Kanawha, WV	warm	18	Montgomery, VA	30.3	38.3	632.2	484.6
Charleston, WV	Kanawha, WV	warm	18	Morgan, KY	8.9	12.4	52.1	13.1
Charleston, WV	Kanawha, WV	warm	18	Morgan, OH	10.4	15.3	47.2	4.0
Charleston, WV	Kanawha, WV	warm	18	Muskingum, OH	37.8	57.6	548.8	120.7
Charleston, WV	Kanawha, WV	warm	18	Nelson, VA	14.0	15.1	93.5	13.8
Charleston, WV	Kanawha, WV	warm	18	Nicholas, WV	15.2	20.6	124.4	20.0
Charleston, WV	Kanawha, WV	warm	18	Noble, OH	10.8	14.0	164.1	6.7
Charleston, WV	Kanawha, WV	warm	18	Norton, VA	1.0	1.5	47.8	3.6
Charleston, WV	Kanawha, WV	warm	18	Pendleton, WV	5.3	14.2	61.4	10.2
Charleston, WV	Kanawha, WV	warm	18	Perry, KY	31.7	32.8	179.6	30.0
Charleston, WV	Kanawha, WV	warm	18	Perry, OH	17.6	28.3	225.1	19.9
Charleston, WV	Kanawha, WV	warm	18	Pickaway, OH	27.4	108.6	590.8	799.7
Charleston, WV	Kanawha, WV	warm	18	Pike, KY	43.5	48.6	449.8	45.4
Charleston, WV	Kanawha, WV	warm	18	Pike, OH	30.2	34.1	220.4	280.9
Charleston, WV	Kanawha, WV	warm	18	Pleasants, WV	17.0	174.7	1754.4	7295.4
Charleston, WV	Kanawha, WV	warm	18	Pocahontas, WV	6.8	10.5	44.3	33.6
Charleston, WV	Kanawha, WV	warm	18	Preston, WV	19.1	109.3	466.9	2020.1
Charleston, WV	Kanawha, WV	warm	18	Pulaski, VA	22.7	29.3	286.5	51.7
Charleston, WV	Kanawha, WV	warm	18	Putnam, WV	55.0	448.6	4398.5	13363.5
Charleston, WV	Kanawha, WV	warm	18	Radford (City), VA	3.3	18.5	58.8	19.3
Charleston, WV	Kanawha, WV	warm	18	Raleigh, WV	38.0	39.3	399.4	41.0
Charleston, WV	Kanawha, WV	warm	18	Randolph, WV	16.1	17.1	301.4	25.5
Charleston, WV	Kanawha, WV	warm	18	Ritchie, WV	5.1	10.2	83.4	15.2
Charleston, WV	Kanawha, WV	warm	18	Roane, WV	6.7	11.6	70.5	10.2
Charleston, WV	Kanawha, WV	warm	18	Roanoke, VA	33.5	39.3	461.8	73.5
Charleston, WV	Kanawha, WV	warm	18	Rockbridge, VA	20.4	25.1	298.0	68.5
Charleston, WV	Kanawha, WV	warm	18	Rockingham, VA	50.5	86.8	482.3	119.2
Charleston, WV	Kanawha, WV	warm	18	Ross, OH	39.9	65.5	791.1	2873.4
Charleston, WV	Kanawha, WV	warm	18	Rowan, KY	15.8	16.2	184.6	31.5
Charleston, WV	Kanawha, WV	warm	18	Russell, VA	21.6	107.3	1019.5	3125.0
Charleston, WV	Kanawha, WV	warm	18	Scioto, OH	48.9	39.5	586.0	65.3
Charleston, WV	Kanawha, WV	warm	18	Scott, VA	16.6	17.4	114.6	20.5
Charleston, WV	Kanawha, WV	warm	18	Smyth, VA	21.8	29.8	246.9	66.0
Charleston, WV	Kanawha, WV	warm	18	Staunton (City), VA	4.2	5.3	58.2	8.0
Charleston, WV	Kanawha, WV	warm	18	Summers, WV	6.7	10.8	90.1	10.9
Charleston, WV	Kanawha, WV	warm	18	Taylor, WV	6.0	18.2	171.4	49.9
Charleston, WV	Kanawha, WV	warm	18	Tazewell, VA	24.6	26.0	210.2	33.8
Charleston, WV	Kanawha, WV	warm	18	Tucker, WV	5.8	20.6	64.4	15.5
Charleston, WV	Kanawha, WV	warm	18	Tyler, WV	6.6	12.2	166.9	57.8
Charleston, WV	Kanawha, WV	warm	18	Upshur, WV	13.2	17.2	143.1	16.4
Charleston, WV	Kanawha, WV	warm	18	Vinton, OH	9.8	12.1	56.0	8.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Charleston, WV	Kanawha, WV	warm	18	Washington, OH	87.1	774.8	2862.4	19336.1
Charleston, WV	Kanawha, WV	warm	18	Washington, VA	31.9	37.5	383.0	54.1
Charleston, WV	Kanawha, WV	warm	18	Wayne, WV	52.5	23.1	896.3	122.5
Charleston, WV	Kanawha, WV	warm	18	Waynesboro (City), VA	6.4	12.5	194.3	169.6
Charleston, WV	Kanawha, WV	warm	18	Webster, WV	4.4	9.1	25.2	7.6
Charleston, WV	Kanawha, WV	warm	18	Wetzel, WV	10.0	12.2	468.8	81.3
Charleston, WV	Kanawha, WV	warm	18	Wirt, WV	2.8	8.2	15.8	2.2
Charleston, WV	Kanawha, WV	warm	18	Wise, VA	22.3	22.1	189.8	22.0
Charleston, WV	Kanawha, WV	warm	18	Wolfe, KY	4.1	7.2	28.6	4.5
Charleston, WV	Kanawha, WV	warm	18	Wood, WV	49.4	61.1	690.1	734.5
Charleston, WV	Kanawha, WV	warm	18	Wyoming, WV	13.4	36.8	364.6	40.0
Charleston, WV	Kanawha, WV	warm	18	Wythe, VA	19.9	22.0	333.3	31.4
Chattanooga, TN	Hamilton, TN	cold	8	Anderson, TN	14.1	72.0	632.6	1543.6
Chattanooga, TN	Hamilton, TN	cold	8	Bartow, GA	31.6	310.6	1199.3	7146.5
Chattanooga, TN	Hamilton, TN	cold	8	Bedford, TN	8.8	15.5	65.4	20.2
Chattanooga, TN	Hamilton, TN	cold	8	Bledsoe, TN	2.7	3.7	11.4	2.3
Chattanooga, TN	Hamilton, TN	cold	8	Blount, AL	11.2	16.1	94.3	14.6
Chattanooga, TN	Hamilton, TN	cold	8	Blount, TN	17.3	58.0	166.5	193.4
Chattanooga, TN	Hamilton, TN	cold	8	Bradley, TN	11.7	30.7	135.6	42.3
Chattanooga, TN	Hamilton, TN	cold	8	Calhoun, AL	22.2	24.1	317.8	82.2
Chattanooga, TN	Hamilton, TN	cold	8	Campbell, TN	8.2	6.6	131.7	11.8
Chattanooga, TN	Hamilton, TN	cold	8	Cannon, TN	2.2	3.7	12.1	1.5
Chattanooga, TN	Hamilton, TN	cold	8	Carroll, GA	20.1	28.4	157.1	42.4
Chattanooga, TN	Hamilton, TN	cold	8	Catoosa, GA	7.1	10.2	103.8	14.0
Chattanooga, TN	Hamilton, TN	cold	8	Chattooga, GA	4.9	7.9	66.0	76.1
Chattanooga, TN	Hamilton, TN	cold	8	Cherokee, AL	9.0	13.1	47.7	8.1
Chattanooga, TN	Hamilton, TN	cold	8	Cherokee, GA	25.7	28.0	205.3	25.5
Chattanooga, TN	Hamilton, TN	cold	8	Cherokee, NC	7.1	6.8	27.3	4.5
Chattanooga, TN	Hamilton, TN	cold	8	Claiborne, TN	6.2	7.5	38.8	12.4
Chattanooga, TN	Hamilton, TN	cold	8	Clay, AL	7.5	6.5	35.4	7.6
Chattanooga, TN	Hamilton, TN	cold	8	Clay, NC	2.7	3.5	9.7	3.5
Chattanooga, TN	Hamilton, TN	cold	8	Clay, TN	5.8	7.0	13.7	3.0
Chattanooga, TN	Hamilton, TN	cold	8	Clayton, GA	12.7	9.9	566.6	55.6
Chattanooga, TN	Hamilton, TN	cold	8	Cleburne, AL	11.3	6.9	66.3	6.5
Chattanooga, TN	Hamilton, TN	cold	8	Clinton, KY	2.7	4.1	19.7	11.0
Chattanooga, TN	Hamilton, TN	cold	8	Cobb, GA	40.6	75.3	1110.2	1206.0
Chattanooga, TN	Hamilton, TN	cold	8	Cocke, TN	7.0	6.3	87.7	10.6
Chattanooga, TN	Hamilton, TN	cold	8	Coffee, TN	8.1	8.6	148.1	24.6
Chattanooga, TN	Hamilton, TN	cold	8	Coweta, GA	22.7	112.1	622.1	2539.9
Chattanooga, TN	Hamilton, TN	cold	8	Cullman, AL	14.3	21.9	130.8	39.3
Chattanooga, TN	Hamilton, TN	cold	8	Cumberland, TN	11.1	11.2	141.8	11.5
Chattanooga, TN	Hamilton, TN	cold	8	Dade, GA	3.1	4.9	52.1	5.8
Chattanooga, TN	Hamilton, TN	cold	8	Davidson, TN	44.5	27.3	1353.2	360.4
Chattanooga, TN	Hamilton, TN	cold	8	Dawson, GA	6.1	6.5	24.4	3.3
Chattanooga, TN	Hamilton, TN	cold	8	De Kalb, TN	6.6	11.1	25.2	7.5
Chattanooga, TN	Hamilton, TN	cold	8	DeKalb, AL	14.7	21.2	124.5	32.4
Chattanooga, TN	Hamilton, TN	cold	8	DeKalb, GA	38.1	25.1	974.0	126.9
Chattanooga, TN	Hamilton, TN	cold	8	Douglas, GA	15.0	14.3	193.0	17.7
Chattanooga, TN	Hamilton, TN	cold	8	Etowah, AL	9.6	26.3	233.3	417.2
Chattanooga, TN	Hamilton, TN	cold	8	Fannin, GA	8.6	9.4	33.2	6.2
Chattanooga, TN	Hamilton, TN	cold	8	Fayette, GA	11.2	17.4	108.5	24.2
Chattanooga, TN	Hamilton, TN	cold	8	Fentress, TN	4.4	7.8	21.7	2.5
Chattanooga, TN	Hamilton, TN	cold	8	Floyd, GA	19.8	74.3	552.4	1717.1
Chattanooga, TN	Hamilton, TN	cold	8	Forsyth, GA	17.5	26.2	147.9	27.8
Chattanooga, TN	Hamilton, TN	cold	8	Franklin, TN	8.3	10.3	51.0	8.6
Chattanooga, TN	Hamilton, TN	cold	8	Fulton, GA	64.8	46.0	1647.0	279.2
Chattanooga, TN	Hamilton, TN	cold	8	Giles, TN	10.1	20.9	90.4	14.2
Chattanooga, TN	Hamilton, TN	cold	8	Gilmer, GA	7.3	8.7	43.4	13.7
Chattanooga, TN	Hamilton, TN	cold	8	Gordon, GA	10.1	16.1	123.0	41.2
Chattanooga, TN	Hamilton, TN	cold	8	Graham, NC	2.1	3.1	7.5	2.2
Chattanooga, TN	Hamilton, TN	cold	8	Grainger, TN	4.0	4.7	28.8	5.5
Chattanooga, TN	Hamilton, TN	cold	8	Grundy, TN	3.0	3.6	30.3	1.9
Chattanooga, TN	Hamilton, TN	cold	8	Gwinnett, GA	41.3	32.1	892.5	147.4
Chattanooga, TN	Hamilton, TN	cold	8	Hall, GA	17.5	36.0	203.8	109.5
Chattanooga, TN	Hamilton, TN	cold	8	Hamblen, TN	9.2	14.9	186.7	247.3
Chattanooga, TN	Hamilton, TN	cold	8	Hamilton, TN	25.4	28.2	674.9	187.0
Chattanooga, TN	Hamilton, TN	cold	8	Hancock, TN	1.1	2.3	6.7	1.8
Chattanooga, TN	Hamilton, TN	cold	8	Haralson, GA	5.4	7.3	47.9	9.7
Chattanooga, TN	Hamilton, TN	cold	8	Hawkins, TN	9.6	22.6	543.3	1213.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Chattanooga, TN	Hamilton, TN	cold	8	Haywood, NC	10.7	27.7	291.7	344.6
Chattanooga, TN	Hamilton, TN	cold	8	Jackson, AL	17.9	98.4	881.5	1379.2
Chattanooga, TN	Hamilton, TN	cold	8	Jackson, NC	12.1	11.1	53.3	10.1
Chattanooga, TN	Hamilton, TN	cold	8	Jackson, TN	2.4	3.4	12.6	2.6
Chattanooga, TN	Hamilton, TN	cold	8	Jefferson, AL	80.1	250.4	2172.1	2229.5
Chattanooga, TN	Hamilton, TN	cold	8	Jefferson, TN	19.7	22.0	142.9	14.2
Chattanooga, TN	Hamilton, TN	cold	8	Knox, TN	27.0	33.4	809.8	124.1
Chattanooga, TN	Hamilton, TN	cold	8	Lauderdale, AL	10.2	20.1	135.0	57.3
Chattanooga, TN	Hamilton, TN	cold	8	Lawrence, AL	12.0	20.9	190.7	62.2
Chattanooga, TN	Hamilton, TN	cold	8	Lawrence, TN	8.2	15.3	45.3	17.4
Chattanooga, TN	Hamilton, TN	cold	8	Limestone, AL	13.8	29.2	172.9	30.3
Chattanooga, TN	Hamilton, TN	cold	8	Lincoln, TN	7.1	9.1	50.9	12.2
Chattanooga, TN	Hamilton, TN	cold	8	Loudon, TN	11.2	17.1	239.9	175.4
Chattanooga, TN	Hamilton, TN	cold	8	Lumpkin, GA	5.1	6.0	30.3	4.8
Chattanooga, TN	Hamilton, TN	cold	8	Macon, NC	9.2	8.1	35.3	8.7
Chattanooga, TN	Hamilton, TN	cold	8	Macon, TN	3.6	5.0	74.3	5.3
Chattanooga, TN	Hamilton, TN	cold	8	Madison, AL	34.4	36.9	423.2	208.3
Chattanooga, TN	Hamilton, TN	cold	8	Marion, TN	7.8	6.7	131.2	10.5
Chattanooga, TN	Hamilton, TN	cold	8	Marshall, AL	14.6	23.5	145.9	66.3
Chattanooga, TN	Hamilton, TN	cold	8	Marshall, TN	6.3	10.1	82.5	24.5
Chattanooga, TN	Hamilton, TN	cold	8	Maury, TN	18.3	61.7	196.4	42.7
Chattanooga, TN	Hamilton, TN	cold	8	Mc Creary, KY	4.1	3.7	48.8	5.8
Chattanooga, TN	Hamilton, TN	cold	8	McMinn, TN	13.9	32.1	302.6	236.4
Chattanooga, TN	Hamilton, TN	cold	8	Meigs, TN	2.4	3.5	29.6	5.9
Chattanooga, TN	Hamilton, TN	cold	8	Monroe, TN	11.8	11.9	90.0	18.5
Chattanooga, TN	Hamilton, TN	cold	8	Moore, TN	3.8	6.5	21.3	6.2
Chattanooga, TN	Hamilton, TN	cold	8	Morgan, AL	16.4	44.5	333.8	428.6
Chattanooga, TN	Hamilton, TN	cold	8	Morgan, TN	3.6	3.9	32.4	3.7
Chattanooga, TN	Hamilton, TN	cold	8	Murray, GA	6.3	10.2	64.9	29.1
Chattanooga, TN	Hamilton, TN	cold	8	Oconee, SC	12.9	15.0	99.8	20.1
Chattanooga, TN	Hamilton, TN	cold	8	Overton, TN	3.4	4.4	22.5	4.4
Chattanooga, TN	Hamilton, TN	cold	8	Paulding, GA	17.1	19.6	98.2	9.5
Chattanooga, TN	Hamilton, TN	cold	8	Pickens, GA	6.2	9.4	35.6	6.8
Chattanooga, TN	Hamilton, TN	cold	8	Pickett, TN	1.2	2.3	6.7	1.8
Chattanooga, TN	Hamilton, TN	cold	8	Polk, GA	7.7	10.4	59.9	13.1
Chattanooga, TN	Hamilton, TN	cold	8	Polk, TN	3.1	5.0	25.5	74.5
Chattanooga, TN	Hamilton, TN	cold	8	Putnam, TN	9.7	9.5	149.5	35.6
Chattanooga, TN	Hamilton, TN	cold	8	Rabun, GA	5.7	6.6	31.2	9.2
Chattanooga, TN	Hamilton, TN	cold	8	Randolph, AL	6.4	6.5	338.7	9.1
Chattanooga, TN	Hamilton, TN	cold	8	Rhea, TN	17.0	16.9	86.7	21.5
Chattanooga, TN	Hamilton, TN	cold	8	Roane, TN	12.3	102.5	670.2	2144.8
Chattanooga, TN	Hamilton, TN	cold	8	Rutherford, TN	29.4	31.1	329.7	78.1
Chattanooga, TN	Hamilton, TN	cold	8	Scott, TN	7.7	15.3	41.3	14.7
Chattanooga, TN	Hamilton, TN	cold	8	Sequatchie, TN	2.3	3.1	16.7	3.3
Chattanooga, TN	Hamilton, TN	cold	8	Sevier, TN	15.0	11.7	108.6	11.1
Chattanooga, TN	Hamilton, TN	cold	8	Shelby, AL	34.2	226.9	1379.2	4926.7
Chattanooga, TN	Hamilton, TN	cold	8	Smith, TN	4.5	5.2	76.3	8.6
Chattanooga, TN	Hamilton, TN	cold	8	St. Clair, AL	11.8	14.0	237.4	34.1
Chattanooga, TN	Hamilton, TN	cold	8	Sumner, TN	19.4	52.2	566.1	1023.8
Chattanooga, TN	Hamilton, TN	cold	8	Swain, NC	4.4	4.1	19.2	4.7
Chattanooga, TN	Hamilton, TN	cold	8	Talladega, AL	18.2	20.4	158.8	40.3
Chattanooga, TN	Hamilton, TN	cold	8	Towns, GA	3.4	4.4	13.9	1.2
Chattanooga, TN	Hamilton, TN	cold	8	Trousdale, TN	1.4	2.7	17.0	2.8
Chattanooga, TN	Hamilton, TN	cold	8	Union, GA	6.3	7.2	28.3	3.1
Chattanooga, TN	Hamilton, TN	cold	8	Union, TN	3.6	6.7	34.3	7.1
Chattanooga, TN	Hamilton, TN	cold	8	Van Buren, TN	1.8	2.5	7.9	1.6
Chattanooga, TN	Hamilton, TN	cold	8	Walker, AL	22.0	107.0	624.6	3206.9
Chattanooga, TN	Hamilton, TN	cold	8	Walker, GA	6.8	11.7	75.2	38.8
Chattanooga, TN	Hamilton, TN	cold	8	Warren, TN	10.7	12.9	45.1	20.1
Chattanooga, TN	Hamilton, TN	cold	8	Wayne, KY	4.7	5.6	25.1	9.8
Chattanooga, TN	Hamilton, TN	cold	8	White, GA	6.6	7.2	26.2	4.1
Chattanooga, TN	Hamilton, TN	cold	8	White, TN	4.5	5.7	29.7	9.9
Chattanooga, TN	Hamilton, TN	cold	8	Whitfield, GA	11.9	29.3	265.6	162.5
Chattanooga, TN	Hamilton, TN	cold	8	Whitley, KY	8.5	6.9	116.1	20.3
Chattanooga, TN	Hamilton, TN	cold	8	Williamson, TN	21.1	21.0	250.0	40.0
Chattanooga, TN	Hamilton, TN	cold	8	Wilson, TN	13.8	14.4	201.6	28.2
Chattanooga, TN	Hamilton, TN	cold	8	Winston, AL	8.3	7.4	49.8	16.0
Chattanooga, TN	Hamilton, TN	warm	7	Anderson, TN	17.1	87.3	767.0	1871.5
Chattanooga, TN	Hamilton, TN	warm	7	Bartow, GA	38.3	376.6	1454.0	8664.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Chattanooga, TN	Hamilton, TN	warm	7	Bedford, TN	10.7	18.8	79.3	24.4
Chattanooga, TN	Hamilton, TN	warm	7	Bledsoe, TN	3.3	4.5	13.8	2.8
Chattanooga, TN	Hamilton, TN	warm	7	Blount, AL	13.6	19.5	114.4	17.7
Chattanooga, TN	Hamilton, TN	warm	7	Blount, TN	21.0	70.3	201.9	234.5
Chattanooga, TN	Hamilton, TN	warm	7	Bradley, TN	14.2	37.2	164.4	51.3
Chattanooga, TN	Hamilton, TN	warm	7	Calhoun, AL	26.9	29.2	385.3	99.6
Chattanooga, TN	Hamilton, TN	warm	7	Campbell, TN	10.0	8.0	159.7	14.3
Chattanooga, TN	Hamilton, TN	warm	7	Cannon, TN	2.7	4.5	14.6	1.8
Chattanooga, TN	Hamilton, TN	warm	7	Carroll, GA	24.4	34.5	190.4	51.4
Chattanooga, TN	Hamilton, TN	warm	7	Catoosa, GA	8.6	12.4	125.9	17.0
Chattanooga, TN	Hamilton, TN	warm	7	Chattooga, GA	6.0	9.6	80.0	92.3
Chattanooga, TN	Hamilton, TN	warm	7	Cherokee, AL	11.0	15.9	57.8	9.9
Chattanooga, TN	Hamilton, TN	warm	7	Cherokee, GA	31.1	34.0	248.9	31.0
Chattanooga, TN	Hamilton, TN	warm	7	Cherokee, NC	8.6	8.3	33.1	5.4
Chattanooga, TN	Hamilton, TN	warm	7	Claiborne, TN	7.6	9.1	47.0	15.0
Chattanooga, TN	Hamilton, TN	warm	7	Clay, AL	9.1	7.9	42.9	9.3
Chattanooga, TN	Hamilton, TN	warm	7	Clay, NC	3.3	4.2	11.8	4.3
Chattanooga, TN	Hamilton, TN	warm	7	Clay, TN	7.1	8.4	16.6	3.7
Chattanooga, TN	Hamilton, TN	warm	7	Clayton, GA	15.4	12.0	686.9	67.5
Chattanooga, TN	Hamilton, TN	warm	7	Cleburne, AL	13.7	8.4	80.3	7.9
Chattanooga, TN	Hamilton, TN	warm	7	Clinton, KY	3.3	5.0	23.9	13.3
Chattanooga, TN	Hamilton, TN	warm	7	Cobb, GA	49.2	91.3	1346.1	1462.2
Chattanooga, TN	Hamilton, TN	warm	7	Cocke, TN	8.5	7.7	106.4	12.9
Chattanooga, TN	Hamilton, TN	warm	7	Coffee, TN	9.8	10.4	179.5	29.8
Chattanooga, TN	Hamilton, TN	warm	7	Coweta, GA	27.5	135.9	754.3	3079.4
Chattanooga, TN	Hamilton, TN	warm	7	Cullman, AL	17.3	26.5	158.6	47.6
Chattanooga, TN	Hamilton, TN	warm	7	Cumberland, TN	13.4	13.6	171.9	13.9
Chattanooga, TN	Hamilton, TN	warm	7	Dade, GA	3.8	5.9	63.2	7.1
Chattanooga, TN	Hamilton, TN	warm	7	Davidson, TN	53.9	33.1	1640.6	436.9
Chattanooga, TN	Hamilton, TN	warm	7	Dawson, GA	7.4	7.8	29.6	4.0
Chattanooga, TN	Hamilton, TN	warm	7	De Kalb, TN	8.0	13.5	30.5	9.0
Chattanooga, TN	Hamilton, TN	warm	7	DeKalb, AL	17.8	25.7	150.9	39.3
Chattanooga, TN	Hamilton, TN	warm	7	DeKalb, GA	46.2	30.4	1180.9	153.8
Chattanooga, TN	Hamilton, TN	warm	7	Douglas, GA	18.2	17.3	234.0	21.5
Chattanooga, TN	Hamilton, TN	warm	7	Etowah, AL	11.7	31.9	282.8	505.8
Chattanooga, TN	Hamilton, TN	warm	7	Fannin, GA	10.4	11.4	40.2	7.5
Chattanooga, TN	Hamilton, TN	warm	7	Fayette, GA	13.6	21.1	131.6	29.3
Chattanooga, TN	Hamilton, TN	warm	7	Fentress, TN	5.3	9.4	26.3	3.0
Chattanooga, TN	Hamilton, TN	warm	7	Floyd, GA	24.0	90.0	669.7	2081.8
Chattanooga, TN	Hamilton, TN	warm	7	Forsyth, GA	21.2	31.8	179.3	33.7
Chattanooga, TN	Hamilton, TN	warm	7	Franklin, TN	10.1	12.5	61.8	10.5
Chattanooga, TN	Hamilton, TN	warm	7	Fulton, GA	78.6	55.7	1996.9	338.5
Chattanooga, TN	Hamilton, TN	warm	7	Giles, TN	12.2	25.3	109.6	17.2
Chattanooga, TN	Hamilton, TN	warm	7	Gilmer, GA	8.8	10.6	52.7	16.7
Chattanooga, TN	Hamilton, TN	warm	7	Gordon, GA	12.2	19.6	149.1	50.0
Chattanooga, TN	Hamilton, TN	warm	7	Graham, NC	2.6	3.8	9.1	2.7
Chattanooga, TN	Hamilton, TN	warm	7	Grainger, TN	4.8	5.7	34.9	6.6
Chattanooga, TN	Hamilton, TN	warm	7	Grundy, TN	3.7	4.4	36.7	2.3
Chattanooga, TN	Hamilton, TN	warm	7	Gwinnett, GA	50.1	39.0	1082.0	178.7
Chattanooga, TN	Hamilton, TN	warm	7	Hall, GA	21.2	43.6	247.1	132.7
Chattanooga, TN	Hamilton, TN	warm	7	Hamblen, TN	11.2	18.1	226.3	299.9
Chattanooga, TN	Hamilton, TN	warm	7	Hamilton, TN	30.7	34.2	818.3	226.7
Chattanooga, TN	Hamilton, TN	warm	7	Hancock, TN	1.4	2.7	8.1	2.2
Chattanooga, TN	Hamilton, TN	warm	7	Haralson, GA	6.6	8.8	58.0	11.8
Chattanooga, TN	Hamilton, TN	warm	7	Hawkins, TN	11.7	27.4	658.7	1471.0
Chattanooga, TN	Hamilton, TN	warm	7	Haywood, NC	13.0	33.6	353.6	417.9
Chattanooga, TN	Hamilton, TN	warm	7	Jackson, AL	21.7	119.2	1068.8	1672.2
Chattanooga, TN	Hamilton, TN	warm	7	Jackson, NC	14.7	13.4	64.6	12.2
Chattanooga, TN	Hamilton, TN	warm	7	Jackson, TN	2.9	4.1	15.3	3.2
Chattanooga, TN	Hamilton, TN	warm	7	Jefferson, AL	97.1	303.5	2633.5	2703.0
Chattanooga, TN	Hamilton, TN	warm	7	Jefferson, TN	23.9	26.7	173.3	17.2
Chattanooga, TN	Hamilton, TN	warm	7	Knox, TN	32.8	40.4	981.8	150.5
Chattanooga, TN	Hamilton, TN	warm	7	Lauderdale, AL	12.3	24.4	163.7	69.5
Chattanooga, TN	Hamilton, TN	warm	7	Lawrence, AL	14.6	25.4	231.2	75.4
Chattanooga, TN	Hamilton, TN	warm	7	Lawrence, TN	9.9	18.5	54.9	21.1
Chattanooga, TN	Hamilton, TN	warm	7	Limestone, AL	16.8	35.5	209.6	36.8
Chattanooga, TN	Hamilton, TN	warm	7	Lincoln, TN	8.7	11.1	61.7	14.8
Chattanooga, TN	Hamilton, TN	warm	7	Loudon, TN	13.6	20.8	290.9	212.6
Chattanooga, TN	Hamilton, TN	warm	7	Lumpkin, GA	6.1	7.2	36.8	5.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Chattanooga, TN	Hamilton, TN	warm	7	Macon, NC	11.1	9.8	42.8	10.6
Chattanooga, TN	Hamilton, TN	warm	7	Macon, TN	4.4	6.0	90.1	6.4
Chattanooga, TN	Hamilton, TN	warm	7	Madison, AL	41.7	44.7	513.1	252.6
Chattanooga, TN	Hamilton, TN	warm	7	Marion, TN	9.4	8.2	159.1	12.7
Chattanooga, TN	Hamilton, TN	warm	7	Marshall, AL	17.8	28.4	176.9	80.4
Chattanooga, TN	Hamilton, TN	warm	7	Marshall, TN	7.7	12.2	100.0	29.7
Chattanooga, TN	Hamilton, TN	warm	7	Maury, TN	22.2	74.8	238.1	51.8
Chattanooga, TN	Hamilton, TN	warm	7	Mc Creary, KY	5.0	4.5	59.1	7.1
Chattanooga, TN	Hamilton, TN	warm	7	McMinn, TN	16.9	38.9	366.8	286.6
Chattanooga, TN	Hamilton, TN	warm	7	Meigs, TN	2.9	4.2	35.9	7.2
Chattanooga, TN	Hamilton, TN	warm	7	Monroe, TN	14.4	14.4	109.1	22.4
Chattanooga, TN	Hamilton, TN	warm	7	Moore, TN	4.6	7.9	25.8	7.5
Chattanooga, TN	Hamilton, TN	warm	7	Morgan, AL	19.9	54.0	404.8	519.7
Chattanooga, TN	Hamilton, TN	warm	7	Morgan, TN	4.4	4.7	39.3	4.5
Chattanooga, TN	Hamilton, TN	warm	7	Murray, GA	7.6	12.3	78.7	35.2
Chattanooga, TN	Hamilton, TN	warm	7	Oconee, SC	15.6	18.1	121.0	24.3
Chattanooga, TN	Hamilton, TN	warm	7	Overton, TN	4.2	5.3	27.2	5.3
Chattanooga, TN	Hamilton, TN	warm	7	Paulding, GA	20.7	23.8	119.1	11.5
Chattanooga, TN	Hamilton, TN	warm	7	Pickens, GA	7.5	11.4	43.2	8.2
Chattanooga, TN	Hamilton, TN	warm	7	Pickett, TN	1.4	2.7	8.2	2.2
Chattanooga, TN	Hamilton, TN	warm	7	Polk, GA	9.3	12.6	72.6	15.9
Chattanooga, TN	Hamilton, TN	warm	7	Polk, TN	3.8	6.1	30.9	90.3
Chattanooga, TN	Hamilton, TN	warm	7	Putnam, TN	11.8	11.6	181.2	43.2
Chattanooga, TN	Hamilton, TN	warm	7	Rabun, GA	7.0	8.0	37.8	11.2
Chattanooga, TN	Hamilton, TN	warm	7	Randolph, AL	7.8	7.9	410.7	11.1
Chattanooga, TN	Hamilton, TN	warm	7	Rhea, TN	20.7	20.5	105.2	26.1
Chattanooga, TN	Hamilton, TN	warm	7	Roane, TN	14.9	124.3	812.5	2600.5
Chattanooga, TN	Hamilton, TN	warm	7	Rutherford, TN	35.7	37.8	399.7	94.7
Chattanooga, TN	Hamilton, TN	warm	7	Scott, TN	9.3	18.6	50.1	17.9
Chattanooga, TN	Hamilton, TN	warm	7	Sequatchie, TN	2.8	3.7	20.3	4.1
Chattanooga, TN	Hamilton, TN	warm	7	Sevier, TN	18.2	14.1	131.6	13.4
Chattanooga, TN	Hamilton, TN	warm	7	Shelby, AL	41.5	275.0	1672.1	5973.3
Chattanooga, TN	Hamilton, TN	warm	7	Smith, TN	5.5	6.3	92.4	10.5
Chattanooga, TN	Hamilton, TN	warm	7	St. Clair, AL	14.3	17.0	287.8	41.4
Chattanooga, TN	Hamilton, TN	warm	7	Sumner, TN	23.6	63.3	686.4	1241.3
Chattanooga, TN	Hamilton, TN	warm	7	Swain, NC	5.3	4.9	23.3	5.7
Chattanooga, TN	Hamilton, TN	warm	7	Talladega, AL	22.0	24.7	192.5	48.9
Chattanooga, TN	Hamilton, TN	warm	7	Towns, GA	4.1	5.3	16.8	1.5
Chattanooga, TN	Hamilton, TN	warm	7	Trousdale, TN	1.7	3.3	20.7	3.4
Chattanooga, TN	Hamilton, TN	warm	7	Union, GA	7.6	8.7	34.3	3.7
Chattanooga, TN	Hamilton, TN	warm	7	Union, TN	4.4	8.1	41.6	8.6
Chattanooga, TN	Hamilton, TN	warm	7	Van Buren, TN	2.2	3.1	9.6	2.0
Chattanooga, TN	Hamilton, TN	warm	7	Walker, AL	26.7	129.7	757.3	3888.2
Chattanooga, TN	Hamilton, TN	warm	7	Walker, GA	8.2	14.1	91.1	47.1
Chattanooga, TN	Hamilton, TN	warm	7	Warren, TN	13.0	15.7	54.7	24.3
Chattanooga, TN	Hamilton, TN	warm	7	Wayne, KY	5.6	6.8	30.4	11.9
Chattanooga, TN	Hamilton, TN	warm	7	White, GA	8.0	8.8	31.7	5.0
Chattanooga, TN	Hamilton, TN	warm	7	White, TN	5.5	6.9	36.0	12.0
Chattanooga, TN	Hamilton, TN	warm	7	Whitfield, GA	14.4	35.5	322.0	197.0
Chattanooga, TN	Hamilton, TN	warm	7	Whitley, KY	10.3	8.3	140.8	24.7
Chattanooga, TN	Hamilton, TN	warm	7	Williamson, TN	25.5	25.5	303.1	48.5
Chattanooga, TN	Hamilton, TN	warm	7	Wilson, TN	16.7	17.5	244.4	34.2
Chattanooga, TN	Hamilton, TN	warm	7	Winston, AL	10.1	9.0	60.4	19.4
Chicago, IL	Cook, IL	cold	70	Benton, IN	8.3	69.3	78.0	11.3
Chicago, IL	Cook, IL	cold	70	Berrien, MI	42.7	76.2	791.1	105.6
Chicago, IL	Cook, IL	cold	70	Boone, IL	14.3	49.5	218.8	12.1
Chicago, IL	Cook, IL	cold	70	Bureau, IL	24.0	100.5	340.4	26.5
Chicago, IL	Cook, IL	cold	70	Carroll, IL	17.2	54.3	175.6	16.8
Chicago, IL	Cook, IL	cold	70	Carroll, IN	10.6	72.4	131.3	27.6
Chicago, IL	Cook, IL	cold	70	Cass, IN	15.1	94.2	424.5	453.6
Chicago, IL	Cook, IL	cold	70	Cass, MI	25.3	53.3	194.8	28.8
Chicago, IL	Cook, IL	cold	70	Champaign, IL	46.5	155.1	817.4	80.1
Chicago, IL	Cook, IL	cold	70	Clinton, IA	33.4	198.1	1246.9	1085.5
Chicago, IL	Cook, IL	cold	70	Clinton, IN	12.3	84.0	220.2	70.1
Chicago, IL	Cook, IL	cold	70	Columbia, WI	35.2	77.6	1086.3	2491.1
Chicago, IL	Cook, IL	cold	70	Cook, IL	510.1	396.4	16534.6	3335.3
Chicago, IL	Cook, IL	cold	70	Dane, WI	160.4	229.5	1775.3	822.3
Chicago, IL	Cook, IL	cold	70	De Witt, IL	12.1	50.8	203.0	14.4
Chicago, IL	Cook, IL	cold	70	DeKalb, IL	22.1	94.4	367.9	23.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Chicago, IL	Cook, IL	cold	70	Dodge, WI	39.7	64.0	376.7	36.5
Chicago, IL	Cook, IL	cold	70	Douglas, IL	14.8	65.1	519.5	838.0
Chicago, IL	Cook, IL	cold	70	DuPage, IL	118.8	73.2	3479.3	189.9
Chicago, IL	Cook, IL	cold	70	Edgar, IL	13.6	75.2	143.5	13.7
Chicago, IL	Cook, IL	cold	70	Elkhart, IN	63.8	254.8	971.6	530.2
Chicago, IL	Cook, IL	cold	70	Fond du Lac, WI	37.8	64.2	411.5	47.1
Chicago, IL	Cook, IL	cold	70	Ford, IL	14.4	73.6	116.0	9.2
Chicago, IL	Cook, IL	cold	70	Fountain, IN	10.0	57.8	162.2	30.0
Chicago, IL	Cook, IL	cold	70	Fulton, IN	9.8	48.3	105.0	29.7
Chicago, IL	Cook, IL	cold	70	Green Lake, WI	11.5	23.0	84.1	6.2
Chicago, IL	Cook, IL	cold	70	Green, WI	20.4	37.9	152.3	15.9
Chicago, IL	Cook, IL	cold	70	Grundy, IL	23.4	77.6	382.8	34.2
Chicago, IL	Cook, IL	cold	70	Henry, IL	23.8	95.6	627.2	25.2
Chicago, IL	Cook, IL	cold	70	Howard, IN	17.0	122.8	305.1	224.9
Chicago, IL	Cook, IL	cold	70	Iowa, WI	13.3	20.8	96.6	9.1
Chicago, IL	Cook, IL	cold	70	Iroquois, IL	28.7	139.9	347.5	25.8
Chicago, IL	Cook, IL	cold	70	Jackson, IA	13.2	41.7	141.4	22.3
Chicago, IL	Cook, IL	cold	70	Jasper, IN	26.4	201.7	1896.6	3841.8
Chicago, IL	Cook, IL	cold	70	Jefferson, WI	33.6	39.5	393.7	30.4
Chicago, IL	Cook, IL	cold	70	Jo Daviess, IL	19.0	52.4	349.8	19.3
Chicago, IL	Cook, IL	cold	70	Kane, IL	69.2	116.3	1559.2	97.9
Chicago, IL	Cook, IL	cold	70	Kankakee, IL	39.5	114.4	693.5	34.5
Chicago, IL	Cook, IL	cold	70	Kendall, IL	21.7	54.1	348.8	33.1
Chicago, IL	Cook, IL	cold	70	Kenosha, WI	43.3	88.9	1506.3	3206.4
Chicago, IL	Cook, IL	cold	70	Kosciusko, IN	28.9	128.1	455.7	162.5
Chicago, IL	Cook, IL	cold	70	La Salle, IL	47.3	202.2	1116.3	463.1
Chicago, IL	Cook, IL	cold	70	Lafayette, WI	13.7	38.6	94.2	10.2
Chicago, IL	Cook, IL	cold	70	Lake, IL	101.0	138.5	2780.9	1388.6
Chicago, IL	Cook, IL	cold	70	Lake, IN	115.0	422.9	5113.5	3726.5
Chicago, IL	Cook, IL	cold	70	LaPorte, IN	35.9	152.4	1130.6	1701.7
Chicago, IL	Cook, IL	cold	70	Lee, IL	33.0	107.6	536.9	58.6
Chicago, IL	Cook, IL	cold	70	Livingston, IL	33.2	148.0	319.1	21.8
Chicago, IL	Cook, IL	cold	70	Logan, IL	28.3	97.3	257.3	68.7
Chicago, IL	Cook, IL	cold	70	Marshall, IL	12.1	68.8	218.8	339.1
Chicago, IL	Cook, IL	cold	70	Marshall, IN	19.3	82.9	290.8	80.1
Chicago, IL	Cook, IL	cold	70	McHenry, IL	59.8	136.2	895.6	55.9
Chicago, IL	Cook, IL	cold	70	McLean, IL	50.5	114.3	919.1	52.7
Chicago, IL	Cook, IL	cold	70	Miami, IN	12.0	67.0	168.5	45.8
Chicago, IL	Cook, IL	cold	70	Milwaukee, WI	243.7	276.3	3431.7	2286.7
Chicago, IL	Cook, IL	cold	70	Montgomery, IN	23.8	94.4	344.9	121.4
Chicago, IL	Cook, IL	cold	70	Newton, IN	16.1	56.1	109.9	18.6
Chicago, IL	Cook, IL	cold	70	Ogle, IL	29.8	95.5	406.2	27.6
Chicago, IL	Cook, IL	cold	70	Ozaukee, WI	32.5	42.8	423.8	35.6
Chicago, IL	Cook, IL	cold	70	Peoria, IL	67.3	285.9	1705.9	4129.6
Chicago, IL	Cook, IL	cold	70	Piatt, IL	13.3	62.7	309.0	10.8
Chicago, IL	Cook, IL	cold	70	Porter, IN	67.8	265.5	2823.6	2307.4
Chicago, IL	Cook, IL	cold	70	Pulaski, IN	10.4	34.6	92.2	16.6
Chicago, IL	Cook, IL	cold	70	Putnam, IL	5.0	42.4	200.1	573.5
Chicago, IL	Cook, IL	cold	70	Racine, WI	51.5	58.9	552.6	71.8
Chicago, IL	Cook, IL	cold	70	Rock Island, IL	25.3	60.5	579.2	204.6
Chicago, IL	Cook, IL	cold	70	Rock, WI	55.8	78.4	677.0	61.7
Chicago, IL	Cook, IL	cold	70	Sauk, WI	38.6	44.4	277.0	34.4
Chicago, IL	Cook, IL	cold	70	Sheboygan, WI	51.3	101.6	1031.6	1625.0
Chicago, IL	Cook, IL	cold	70	St. Joseph, IN	39.4	126.4	1010.9	667.9
Chicago, IL	Cook, IL	cold	70	Stark, IL	4.9	37.8	46.2	4.1
Chicago, IL	Cook, IL	cold	70	Starke, IN	11.4	34.8	166.0	17.5
Chicago, IL	Cook, IL	cold	70	Stephenson, IL	17.3	70.9	193.1	12.6
Chicago, IL	Cook, IL	cold	70	Tazewell, IL	43.8	211.1	3659.2	3454.3
Chicago, IL	Cook, IL	cold	70	Tippecanoe, IN	40.1	169.5	808.1	781.7
Chicago, IL	Cook, IL	cold	70	Van Buren, MI	31.2	61.4	278.8	42.7
Chicago, IL	Cook, IL	cold	70	Vermilion, IL	33.7	172.0	606.4	1175.6
Chicago, IL	Cook, IL	cold	70	Vermillion, IN	18.8	233.4	1329.3	7506.4
Chicago, IL	Cook, IL	cold	70	Wabash, IN	15.2	92.8	239.0	175.6
Chicago, IL	Cook, IL	cold	70	Walworth, WI	36.0	49.6	399.3	28.2
Chicago, IL	Cook, IL	cold	70	Warren, IN	6.4	48.8	91.8	10.7
Chicago, IL	Cook, IL	cold	70	Washington, WI	36.8	38.4	385.8	31.8
Chicago, IL	Cook, IL	cold	70	Waukesha, WI	106.8	91.4	1148.0	96.2
Chicago, IL	Cook, IL	cold	70	White, IN	14.8	80.8	226.0	42.0
Chicago, IL	Cook, IL	cold	70	Whiteside, IL	25.4	98.5	448.8	32.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Chicago, IL	Cook, IL	cold	70	Will, IL	116.7	346.5	4342.2	7433.2
Chicago, IL	Cook, IL	cold	70	Winnebago, IL	40.1	95.9	1011.3	57.8
Chicago, IL	Cook, IL	cold	70	Woodford, IL	15.4	70.2	213.2	17.7
Chicago, IL	Cook, IL	warm	59	Benton, IN	7.5	62.4	70.2	10.1
Chicago, IL	Cook, IL	warm	59	Berrien, MI	38.4	68.6	712.5	95.2
Chicago, IL	Cook, IL	warm	59	Boone, IL	12.9	44.6	197.1	10.9
Chicago, IL	Cook, IL	warm	59	Bureau, IL	21.6	90.5	306.6	23.8
Chicago, IL	Cook, IL	warm	59	Carroll, IL	15.5	48.9	158.1	15.2
Chicago, IL	Cook, IL	warm	59	Carroll, IN	9.5	65.2	118.2	24.9
Chicago, IL	Cook, IL	warm	59	Cass, IN	13.6	84.9	382.3	408.5
Chicago, IL	Cook, IL	warm	59	Cass, MI	22.8	48.0	175.4	26.0
Chicago, IL	Cook, IL	warm	59	Champaign, IL	41.9	139.7	736.2	72.1
Chicago, IL	Cook, IL	warm	59	Clinton, IA	30.1	178.5	1123.0	977.7
Chicago, IL	Cook, IL	warm	59	Clinton, IN	11.1	75.7	198.3	63.1
Chicago, IL	Cook, IL	warm	59	Columbia, WI	31.7	69.9	978.3	2243.6
Chicago, IL	Cook, IL	warm	59	Cook, IL	459.4	357.1	14891.9	3003.9
Chicago, IL	Cook, IL	warm	59	Dane, WI	144.5	206.7	1598.9	740.6
Chicago, IL	Cook, IL	warm	59	De Witt, IL	10.9	45.7	182.8	13.0
Chicago, IL	Cook, IL	warm	59	DeKalb, IL	19.9	85.0	331.4	21.3
Chicago, IL	Cook, IL	warm	59	Dodge, WI	35.7	57.7	339.3	32.9
Chicago, IL	Cook, IL	warm	59	Douglas, IL	13.4	58.6	467.9	754.8
Chicago, IL	Cook, IL	warm	59	DuPage, IL	107.0	66.0	3133.6	171.0
Chicago, IL	Cook, IL	warm	59	Edgar, IL	12.3	67.7	129.2	12.3
Chicago, IL	Cook, IL	warm	59	Elkhart, IN	57.4	229.5	875.1	477.6
Chicago, IL	Cook, IL	warm	59	Fond du Lac, WI	34.0	57.8	370.6	42.4
Chicago, IL	Cook, IL	warm	59	Ford, IL	13.0	66.3	104.5	8.3
Chicago, IL	Cook, IL	warm	59	Fountain, IN	9.0	52.0	146.1	27.1
Chicago, IL	Cook, IL	warm	59	Fulton, IN	8.9	43.5	94.6	26.8
Chicago, IL	Cook, IL	warm	59	Green Lake, WI	10.3	20.7	75.8	5.6
Chicago, IL	Cook, IL	warm	59	Green, WI	18.4	34.1	137.2	14.3
Chicago, IL	Cook, IL	warm	59	Grundy, IL	21.1	69.9	344.7	30.8
Chicago, IL	Cook, IL	warm	59	Henry, IL	21.5	86.1	564.8	22.7
Chicago, IL	Cook, IL	warm	59	Howard, IN	15.3	110.6	274.8	202.6
Chicago, IL	Cook, IL	warm	59	Iowa, WI	12.0	18.7	87.0	8.2
Chicago, IL	Cook, IL	warm	59	Iroquois, IL	25.9	126.0	313.0	23.2
Chicago, IL	Cook, IL	warm	59	Jackson, IA	11.9	37.6	127.4	20.0
Chicago, IL	Cook, IL	warm	59	Jasper, IN	23.8	181.6	1708.2	3460.2
Chicago, IL	Cook, IL	warm	59	Jefferson, WI	30.3	35.6	354.6	27.4
Chicago, IL	Cook, IL	warm	59	Jo Daviess, IL	17.1	47.2	315.0	17.4
Chicago, IL	Cook, IL	warm	59	Kane, IL	62.3	104.8	1404.3	88.1
Chicago, IL	Cook, IL	warm	59	Kankakee, IL	35.6	103.0	624.6	31.1
Chicago, IL	Cook, IL	warm	59	Kendall, IL	19.5	48.7	314.1	29.8
Chicago, IL	Cook, IL	warm	59	Kenosha, WI	39.0	80.0	1356.6	2887.9
Chicago, IL	Cook, IL	warm	59	Kosciusko, IN	26.0	115.4	410.4	146.3
Chicago, IL	Cook, IL	warm	59	La Salle, IL	42.6	182.1	1005.4	417.1
Chicago, IL	Cook, IL	warm	59	Lafayette, WI	12.3	34.8	84.9	9.2
Chicago, IL	Cook, IL	warm	59	Lake, IL	90.9	124.8	2504.6	1250.6
Chicago, IL	Cook, IL	warm	59	Lake, IN	103.5	380.9	4605.5	3356.2
Chicago, IL	Cook, IL	warm	59	LaPorte, IN	32.3	137.2	1018.3	1532.6
Chicago, IL	Cook, IL	warm	59	Lee, IL	29.7	96.9	483.6	52.7
Chicago, IL	Cook, IL	warm	59	Livingston, IL	29.9	133.3	287.4	19.6
Chicago, IL	Cook, IL	warm	59	Logan, IL	25.5	87.6	231.7	61.8
Chicago, IL	Cook, IL	warm	59	Marshall, IL	10.9	62.0	197.1	305.4
Chicago, IL	Cook, IL	warm	59	Marshall, IN	17.4	74.6	262.0	72.1
Chicago, IL	Cook, IL	warm	59	McHenry, IL	53.8	122.6	806.6	50.3
Chicago, IL	Cook, IL	warm	59	McLean, IL	45.4	103.0	827.8	47.4
Chicago, IL	Cook, IL	warm	59	Miami, IN	10.9	60.4	151.8	41.2
Chicago, IL	Cook, IL	warm	59	Milwaukee, WI	219.5	248.8	3090.8	2059.5
Chicago, IL	Cook, IL	warm	59	Montgomery, IN	21.5	85.0	310.6	109.3
Chicago, IL	Cook, IL	warm	59	Newton, IN	14.5	50.5	98.9	16.8
Chicago, IL	Cook, IL	warm	59	Ogle, IL	26.9	86.0	365.8	24.9
Chicago, IL	Cook, IL	warm	59	Ozaukee, WI	29.2	38.6	381.7	32.0
Chicago, IL	Cook, IL	warm	59	Peoria, IL	60.6	257.5	1536.4	3719.3
Chicago, IL	Cook, IL	warm	59	Piatt, IL	12.0	56.5	278.3	9.7
Chicago, IL	Cook, IL	warm	59	Porter, IN	61.1	239.1	2543.1	2078.1
Chicago, IL	Cook, IL	warm	59	Pulaski, IN	9.3	31.2	83.0	14.9
Chicago, IL	Cook, IL	warm	59	Putnam, IL	4.5	38.2	180.2	516.6
Chicago, IL	Cook, IL	warm	59	Racine, WI	46.4	53.0	497.7	64.6
Chicago, IL	Cook, IL	warm	59	Rock Island, IL	22.8	54.5	521.7	184.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Chicago, IL	Cook, IL	warm	59	Rock, WI	50.2	70.6	609.8	55.5
Chicago, IL	Cook, IL	warm	59	Sauk, WI	34.8	40.0	249.5	31.0
Chicago, IL	Cook, IL	warm	59	Sheboygan, WI	46.2	91.5	929.1	1463.6
Chicago, IL	Cook, IL	warm	59	St. Joseph, IN	35.5	113.9	910.4	601.5
Chicago, IL	Cook, IL	warm	59	Stark, IL	4.4	34.0	41.6	3.6
Chicago, IL	Cook, IL	warm	59	Starke, IN	10.2	31.3	149.5	15.8
Chicago, IL	Cook, IL	warm	59	Stephenson, IL	15.6	63.9	173.9	11.4
Chicago, IL	Cook, IL	warm	59	Tazewell, IL	39.4	190.2	3295.6	3111.1
Chicago, IL	Cook, IL	warm	59	Tippecanoe, IN	36.1	152.6	727.8	704.1
Chicago, IL	Cook, IL	warm	59	Van Buren, MI	28.1	55.3	251.1	38.4
Chicago, IL	Cook, IL	warm	59	Vermilion, IL	30.4	155.0	546.1	1058.8
Chicago, IL	Cook, IL	warm	59	Vermillion, IN	16.9	210.2	1197.3	6760.6
Chicago, IL	Cook, IL	warm	59	Wabash, IN	13.7	83.6	215.2	158.1
Chicago, IL	Cook, IL	warm	59	Walworth, WI	32.5	44.7	359.6	25.4
Chicago, IL	Cook, IL	warm	59	Warren, IN	5.7	43.9	82.7	9.7
Chicago, IL	Cook, IL	warm	59	Washington, WI	33.2	34.6	347.5	28.7
Chicago, IL	Cook, IL	warm	59	Waukesha, WI	96.2	82.3	1033.9	86.6
Chicago, IL	Cook, IL	warm	59	White, IN	13.3	72.8	203.5	37.9
Chicago, IL	Cook, IL	warm	59	Whiteside, IL	22.9	88.8	404.2	29.6
Chicago, IL	Cook, IL	warm	59	Will, IL	105.1	312.0	3910.9	6694.7
Chicago, IL	Cook, IL	warm	59	Winnebago, IL	36.2	86.3	910.8	52.0
Chicago, IL	Cook, IL	warm	59	Woodford, IL	13.9	63.2	192.1	16.0
Chicago, IL	Lake, IN	cold	23	Benton, IN	8.3	69.3	78.0	11.3
Chicago, IL	Lake, IN	cold	23	Berrien, MI	42.7	76.2	791.1	105.6
Chicago, IL	Lake, IN	cold	23	Boone, IL	14.3	49.5	218.8	12.1
Chicago, IL	Lake, IN	cold	23	Bureau, IL	24.0	100.5	340.4	26.5
Chicago, IL	Lake, IN	cold	23	Carroll, IL	17.2	54.3	175.6	16.8
Chicago, IL	Lake, IN	cold	23	Carroll, IN	10.6	72.4	131.3	27.6
Chicago, IL	Lake, IN	cold	23	Cass, IN	15.1	94.2	424.5	453.6
Chicago, IL	Lake, IN	cold	23	Cass, MI	25.3	53.3	194.8	28.8
Chicago, IL	Lake, IN	cold	23	Champaign, IL	46.5	155.1	817.4	80.1
Chicago, IL	Lake, IN	cold	23	Clinton, IA	33.4	198.1	1246.9	1085.5
Chicago, IL	Lake, IN	cold	23	Clinton, IN	12.3	84.0	220.2	70.1
Chicago, IL	Lake, IN	cold	23	Columbia, WI	35.2	77.6	1086.3	2491.1
Chicago, IL	Lake, IN	cold	23	Cook, IL	510.1	396.4	16534.6	3335.3
Chicago, IL	Lake, IN	cold	23	Dane, WI	160.4	229.5	1775.3	822.3
Chicago, IL	Lake, IN	cold	23	De Witt, IL	12.1	50.8	203.0	14.4
Chicago, IL	Lake, IN	cold	23	DeKalb, IL	22.1	94.4	367.9	23.7
Chicago, IL	Lake, IN	cold	23	Dodge, WI	39.7	64.0	376.7	36.5
Chicago, IL	Lake, IN	cold	23	Douglas, IL	14.8	65.1	519.5	838.0
Chicago, IL	Lake, IN	cold	23	DuPage, IL	118.8	73.2	3479.3	189.9
Chicago, IL	Lake, IN	cold	23	Edgar, IL	13.6	75.2	143.5	13.7
Chicago, IL	Lake, IN	cold	23	Elkhart, IN	63.8	254.8	971.6	530.2
Chicago, IL	Lake, IN	cold	23	Fond du Lac, WI	37.8	64.2	411.5	47.1
Chicago, IL	Lake, IN	cold	23	Ford, IL	14.4	73.6	116.0	9.2
Chicago, IL	Lake, IN	cold	23	Fountain, IN	10.0	57.8	162.2	30.0
Chicago, IL	Lake, IN	cold	23	Fulton, IN	9.8	48.3	105.0	29.7
Chicago, IL	Lake, IN	cold	23	Green Lake, WI	11.5	23.0	84.1	6.2
Chicago, IL	Lake, IN	cold	23	Green, WI	20.4	37.9	152.3	15.9
Chicago, IL	Lake, IN	cold	23	Grundy, IL	23.4	77.6	382.8	34.2
Chicago, IL	Lake, IN	cold	23	Henry, IL	23.8	95.6	627.2	25.2
Chicago, IL	Lake, IN	cold	23	Howard, IN	17.0	122.8	305.1	224.9
Chicago, IL	Lake, IN	cold	23	Iowa, WI	13.3	20.8	96.6	9.1
Chicago, IL	Lake, IN	cold	23	Iroquois, IL	28.7	139.9	347.5	25.8
Chicago, IL	Lake, IN	cold	23	Jackson, IA	13.2	41.7	141.4	22.3
Chicago, IL	Lake, IN	cold	23	Jasper, IN	26.4	201.7	1896.6	3841.8
Chicago, IL	Lake, IN	cold	23	Jefferson, WI	33.6	39.5	393.7	30.4
Chicago, IL	Lake, IN	cold	23	Jo Daviess, IL	19.0	52.4	349.8	19.3
Chicago, IL	Lake, IN	cold	23	Kane, IL	69.2	116.3	1559.2	97.9
Chicago, IL	Lake, IN	cold	23	Kankakee, IL	39.5	114.4	693.5	34.5
Chicago, IL	Lake, IN	cold	23	Kendall, IL	21.7	54.1	348.8	33.1
Chicago, IL	Lake, IN	cold	23	Kenosha, WI	43.3	88.9	1506.3	3206.4
Chicago, IL	Lake, IN	cold	23	Kosciusko, IN	28.9	128.1	455.7	162.5
Chicago, IL	Lake, IN	cold	23	La Salle, IL	47.3	202.2	1116.3	463.1
Chicago, IL	Lake, IN	cold	23	Lafayette, WI	13.7	38.6	94.2	10.2
Chicago, IL	Lake, IN	cold	23	Lake, IL	101.0	138.5	2780.9	1388.6
Chicago, IL	Lake, IN	cold	23	Lake, IN	115.0	422.9	5113.5	3726.5
Chicago, IL	Lake, IN	cold	23	LaPorte, IN	35.9	152.4	1130.6	1701.7
Chicago, IL	Lake, IN	cold	23	Lee, IL	33.0	107.6	536.9	58.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Chicago, IL	Lake, IN	cold	23	Livingston, IL	33.2	148.0	319.1	21.8
Chicago, IL	Lake, IN	cold	23	Logan, IL	28.3	97.3	257.3	68.7
Chicago, IL	Lake, IN	cold	23	Marshall, IL	12.1	68.8	218.8	339.1
Chicago, IL	Lake, IN	cold	23	Marshall, IN	19.3	82.9	290.8	80.1
Chicago, IL	Lake, IN	cold	23	McHenry, IL	59.8	136.2	895.6	55.9
Chicago, IL	Lake, IN	cold	23	McLean, IL	50.5	114.3	919.1	52.7
Chicago, IL	Lake, IN	cold	23	Miami, IN	12.0	67.0	168.5	45.8
Chicago, IL	Lake, IN	cold	23	Milwaukee, WI	243.7	276.3	3431.7	2286.7
Chicago, IL	Lake, IN	cold	23	Montgomery, IN	23.8	94.4	344.9	121.4
Chicago, IL	Lake, IN	cold	23	Newton, IN	16.1	56.1	109.9	18.6
Chicago, IL	Lake, IN	cold	23	Ogle, IL	29.8	95.5	406.2	27.6
Chicago, IL	Lake, IN	cold	23	Ozaukee, WI	32.5	42.8	423.8	35.6
Chicago, IL	Lake, IN	cold	23	Peoria, IL	67.3	285.9	1705.9	4129.6
Chicago, IL	Lake, IN	cold	23	Piatt, IL	13.3	62.7	309.0	10.8
Chicago, IL	Lake, IN	cold	23	Porter, IN	67.8	265.5	2823.6	2307.4
Chicago, IL	Lake, IN	cold	23	Pulaski, IN	10.4	34.6	92.2	16.6
Chicago, IL	Lake, IN	cold	23	Putnam, IL	5.0	42.4	200.1	573.5
Chicago, IL	Lake, IN	cold	23	Racine, WI	51.5	58.9	552.6	71.8
Chicago, IL	Lake, IN	cold	23	Rock Island, IL	25.3	60.5	579.2	204.6
Chicago, IL	Lake, IN	cold	23	Rock, WI	55.8	78.4	677.0	61.7
Chicago, IL	Lake, IN	cold	23	Sauk, WI	38.6	44.4	277.0	34.4
Chicago, IL	Lake, IN	cold	23	Sheboygan, WI	51.3	101.6	1031.6	1625.0
Chicago, IL	Lake, IN	cold	23	St. Joseph, IN	39.4	126.4	1010.9	667.9
Chicago, IL	Lake, IN	cold	23	Stark, IL	4.9	37.8	46.2	4.1
Chicago, IL	Lake, IN	cold	23	Starke, IN	11.4	34.8	166.0	17.5
Chicago, IL	Lake, IN	cold	23	Stephenson, IL	17.3	70.9	193.1	12.6
Chicago, IL	Lake, IN	cold	23	Tazewell, IL	43.8	211.1	3659.2	3454.3
Chicago, IL	Lake, IN	cold	23	Tippecanoe, IN	40.1	169.5	808.1	781.7
Chicago, IL	Lake, IN	cold	23	Van Buren, MI	31.2	61.4	278.8	42.7
Chicago, IL	Lake, IN	cold	23	Vermilion, IL	33.7	172.0	606.4	1175.6
Chicago, IL	Lake, IN	cold	23	Vermillion, IN	18.8	233.4	1329.3	7506.4
Chicago, IL	Lake, IN	cold	23	Wabash, IN	15.2	92.8	239.0	175.6
Chicago, IL	Lake, IN	cold	23	Walworth, WI	36.0	49.6	399.3	28.2
Chicago, IL	Lake, IN	cold	23	Warren, IN	6.4	48.8	91.8	10.7
Chicago, IL	Lake, IN	cold	23	Washington, WI	36.8	38.4	385.8	31.8
Chicago, IL	Lake, IN	cold	23	Waukesha, WI	106.8	91.4	1148.0	96.2
Chicago, IL	Lake, IN	cold	23	White, IN	14.8	80.8	226.0	42.0
Chicago, IL	Lake, IN	cold	23	Whiteside, IL	25.4	98.5	448.8	32.9
Chicago, IL	Lake, IN	cold	23	Will, IL	116.7	346.5	4342.2	7433.2
Chicago, IL	Lake, IN	cold	23	Winnebago, IL	40.1	95.9	1011.3	57.8
Chicago, IL	Lake, IN	cold	23	Woodford, IL	15.4	70.2	213.2	17.7
Chicago, IL	Lake, IN	warm	13	Benton, IN	5.2	43.2	48.6	7.0
Chicago, IL	Lake, IN	warm	13	Berrien, MI	26.6	47.5	493.3	65.9
Chicago, IL	Lake, IN	warm	13	Boone, IL	8.9	30.9	136.4	7.5
Chicago, IL	Lake, IN	warm	13	Bureau, IL	15.0	62.6	212.3	16.5
Chicago, IL	Lake, IN	warm	13	Carroll, IL	10.7	33.8	109.5	10.5
Chicago, IL	Lake, IN	warm	13	Carroll, IN	6.6	45.1	81.9	17.2
Chicago, IL	Lake, IN	warm	13	Cass, IN	9.4	58.7	264.7	282.8
Chicago, IL	Lake, IN	warm	13	Cass, MI	15.8	33.2	121.4	18.0
Chicago, IL	Lake, IN	warm	13	Champaign, IL	29.0	96.7	509.7	49.9
Chicago, IL	Lake, IN	warm	13	Clinton, IA	20.8	123.5	777.5	676.9
Chicago, IL	Lake, IN	warm	13	Clinton, IN	7.7	52.4	137.3	43.7
Chicago, IL	Lake, IN	warm	13	Columbia, WI	21.9	48.4	677.3	1553.3
Chicago, IL	Lake, IN	warm	13	Cook, IL	318.1	247.2	10309.8	2079.7
Chicago, IL	Lake, IN	warm	13	Dane, WI	100.0	143.1	1106.9	512.7
Chicago, IL	Lake, IN	warm	13	De Witt, IL	7.6	31.7	126.6	9.0
Chicago, IL	Lake, IN	warm	13	DeKalb, IL	13.8	58.8	229.4	14.8
Chicago, IL	Lake, IN	warm	13	Dodge, WI	24.7	39.9	234.9	22.7
Chicago, IL	Lake, IN	warm	13	Douglas, IL	9.2	40.6	323.9	522.5
Chicago, IL	Lake, IN	warm	13	DuPage, IL	74.1	45.7	2169.4	118.4
Chicago, IL	Lake, IN	warm	13	Edgar, IL	8.5	46.9	89.5	8.5
Chicago, IL	Lake, IN	warm	13	Elkhart, IN	39.8	158.9	605.8	330.6
Chicago, IL	Lake, IN	warm	13	Fond du Lac, WI	23.6	40.0	256.6	29.4
Chicago, IL	Lake, IN	warm	13	Ford, IL	9.0	45.9	72.3	5.7
Chicago, IL	Lake, IN	warm	13	Fountain, IN	6.3	36.0	101.2	18.7
Chicago, IL	Lake, IN	warm	13	Fulton, IN	6.1	30.1	65.5	18.5
Chicago, IL	Lake, IN	warm	13	Green Lake, WI	7.2	14.3	52.4	3.9
Chicago, IL	Lake, IN	warm	13	Green, WI	12.7	23.6	95.0	9.9
Chicago, IL	Lake, IN	warm	13	Grundy, IL	14.6	48.4	238.7	21.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Chicago, IL	Lake, IN	warm	13	Henry, IL	14.9	59.6	391.0	15.7
Chicago, IL	Lake, IN	warm	13	Howard, IN	10.6	76.6	190.2	140.3
Chicago, IL	Lake, IN	warm	13	Iowa, WI	8.3	13.0	60.3	5.7
Chicago, IL	Lake, IN	warm	13	Iroquois, IL	17.9	87.2	216.7	16.1
Chicago, IL	Lake, IN	warm	13	Jackson, IA	8.3	26.0	88.2	13.9
Chicago, IL	Lake, IN	warm	13	Jasper, IN	16.5	125.7	1182.6	2395.5
Chicago, IL	Lake, IN	warm	13	Jefferson, WI	21.0	24.6	245.5	18.9
Chicago, IL	Lake, IN	warm	13	Jo Daviess, IL	11.9	32.7	218.1	12.1
Chicago, IL	Lake, IN	warm	13	Kane, IL	43.1	72.5	972.2	61.0
Chicago, IL	Lake, IN	warm	13	Kankakee, IL	24.6	71.3	432.4	21.5
Chicago, IL	Lake, IN	warm	13	Kendall, IL	13.5	33.7	217.5	20.7
Chicago, IL	Lake, IN	warm	13	Kenosha, WI	27.0	55.4	939.2	1999.3
Chicago, IL	Lake, IN	warm	13	Kosciusko, IN	18.0	79.9	284.1	101.3
Chicago, IL	Lake, IN	warm	13	La Salle, IL	29.5	126.1	696.1	288.8
Chicago, IL	Lake, IN	warm	13	Lafayette, WI	8.5	24.1	58.8	6.4
Chicago, IL	Lake, IN	warm	13	Lake, IL	63.0	86.4	1734.0	865.8
Chicago, IL	Lake, IN	warm	13	Lake, IN	71.7	263.7	3188.4	2323.6
Chicago, IL	Lake, IN	warm	13	LaPorte, IN	22.4	95.0	705.0	1061.1
Chicago, IL	Lake, IN	warm	13	Lee, IL	20.6	67.1	334.8	36.5
Chicago, IL	Lake, IN	warm	13	Livingston, IL	20.7	92.3	199.0	13.6
Chicago, IL	Lake, IN	warm	13	Logan, IL	17.6	60.6	160.4	42.8
Chicago, IL	Lake, IN	warm	13	Marshall, IL	7.6	42.9	136.4	211.4
Chicago, IL	Lake, IN	warm	13	Marshall, IN	12.0	51.7	181.4	49.9
Chicago, IL	Lake, IN	warm	13	McHenry, IL	37.3	84.9	558.4	34.8
Chicago, IL	Lake, IN	warm	13	McLean, IL	31.5	71.3	573.1	32.8
Chicago, IL	Lake, IN	warm	13	Miami, IN	7.5	41.8	105.1	28.5
Chicago, IL	Lake, IN	warm	13	Milwaukee, WI	151.9	172.3	2139.8	1425.8
Chicago, IL	Lake, IN	warm	13	Montgomery, IN	14.9	58.8	215.1	75.7
Chicago, IL	Lake, IN	warm	13	Newton, IN	10.0	35.0	68.5	11.6
Chicago, IL	Lake, IN	warm	13	Ogle, IL	18.6	59.5	253.3	17.2
Chicago, IL	Lake, IN	warm	13	Ozaukee, WI	20.2	26.7	264.2	22.2
Chicago, IL	Lake, IN	warm	13	Peoria, IL	41.9	178.2	1063.7	2574.9
Chicago, IL	Lake, IN	warm	13	Piatt, IL	8.3	39.1	192.7	6.7
Chicago, IL	Lake, IN	warm	13	Porter, IN	42.3	165.5	1760.6	1438.7
Chicago, IL	Lake, IN	warm	13	Pulaski, IN	6.5	21.6	57.5	10.3
Chicago, IL	Lake, IN	warm	13	Putnam, IL	3.1	26.4	124.8	357.6
Chicago, IL	Lake, IN	warm	13	Racine, WI	32.1	36.7	344.6	44.8
Chicago, IL	Lake, IN	warm	13	Rock Island, IL	15.8	37.7	361.2	127.6
Chicago, IL	Lake, IN	warm	13	Rock, WI	34.8	48.9	422.1	38.4
Chicago, IL	Lake, IN	warm	13	Sauk, WI	24.1	27.7	172.7	21.5
Chicago, IL	Lake, IN	warm	13	Sheboygan, WI	32.0	63.3	643.2	1013.3
Chicago, IL	Lake, IN	warm	13	St. Joseph, IN	24.6	78.8	630.3	416.4
Chicago, IL	Lake, IN	warm	13	Stark, IL	3.1	23.5	28.8	2.5
Chicago, IL	Lake, IN	warm	13	Starke, IN	7.1	21.7	103.5	10.9
Chicago, IL	Lake, IN	warm	13	Stephenson, IL	10.8	44.2	120.4	7.9
Chicago, IL	Lake, IN	warm	13	Tazewell, IL	27.3	131.7	2281.6	2153.9
Chicago, IL	Lake, IN	warm	13	Tippecanoe, IN	25.0	105.7	503.9	487.4
Chicago, IL	Lake, IN	warm	13	Van Buren, MI	19.4	38.3	173.8	26.6
Chicago, IL	Lake, IN	warm	13	Vermilion, IL	21.0	107.3	378.1	733.0
Chicago, IL	Lake, IN	warm	13	Vermillion, IN	11.7	145.5	828.9	4680.4
Chicago, IL	Lake, IN	warm	13	Wabash, IN	9.5	57.9	149.0	109.5
Chicago, IL	Lake, IN	warm	13	Walworth, WI	22.5	30.9	249.0	17.6
Chicago, IL	Lake, IN	warm	13	Warren, IN	4.0	30.4	57.3	6.7
Chicago, IL	Lake, IN	warm	13	Washington, WI	23.0	23.9	240.6	19.8
Chicago, IL	Lake, IN	warm	13	Waukesha, WI	66.6	57.0	715.8	60.0
Chicago, IL	Lake, IN	warm	13	White, IN	9.2	50.4	140.9	26.2
Chicago, IL	Lake, IN	warm	13	Whiteside, IL	15.8	61.4	279.9	20.5
Chicago, IL	Lake, IN	warm	13	Will, IL	72.7	216.0	2707.5	4634.8
Chicago, IL	Lake, IN	warm	13	Winnebago, IL	25.0	59.8	630.5	36.0
Chicago, IL	Lake, IN	warm	13	Woodford, IL	9.6	43.8	133.0	11.1
Chicago, IL	Will, IL	cold	2	Benton, IN	0.8	6.9	7.8	1.1
Chicago, IL	Will, IL	cold	2	Berrien, MI	4.3	7.6	79.1	10.6
Chicago, IL	Will, IL	cold	2	Boone, IL	1.4	5.0	21.9	1.2
Chicago, IL	Will, IL	cold	2	Bureau, IL	2.4	10.0	34.0	2.6
Chicago, IL	Will, IL	cold	2	Carroll, IL	1.7	5.4	17.6	1.7
Chicago, IL	Will, IL	cold	2	Carroll, IN	1.1	7.2	13.1	2.8
Chicago, IL	Will, IL	cold	2	Cass, IN	1.5	9.4	42.4	45.4
Chicago, IL	Will, IL	cold	2	Cass, MI	2.5	5.3	19.5	2.9
Chicago, IL	Will, IL	cold	2	Champaign, IL	4.7	15.5	81.7	8.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Chicago, IL	Will, IL	cold	2	Clinton, IA	3.3	19.8	124.7	108.6
Chicago, IL	Will, IL	cold	2	Clinton, IN	1.2	8.4	22.0	7.0
Chicago, IL	Will, IL	cold	2	Columbia, WI	3.5	7.8	108.6	249.1
Chicago, IL	Will, IL	cold	2	Cook, IL	51.0	39.6	1653.5	333.5
Chicago, IL	Will, IL	cold	2	Dane, WI	16.0	22.9	177.5	82.2
Chicago, IL	Will, IL	cold	2	De Witt, IL	1.2	5.1	20.3	1.4
Chicago, IL	Will, IL	cold	2	DeKalb, IL	2.2	9.4	36.8	2.4
Chicago, IL	Will, IL	cold	2	Dodge, WI	4.0	6.4	37.7	3.6
Chicago, IL	Will, IL	cold	2	Douglas, IL	1.5	6.5	52.0	83.8
Chicago, IL	Will, IL	cold	2	DuPage, IL	11.9	7.3	347.9	19.0
Chicago, IL	Will, IL	cold	2	Edgar, IL	1.4	7.5	14.3	1.4
Chicago, IL	Will, IL	cold	2	Elkhart, IN	6.4	25.5	97.2	53.0
Chicago, IL	Will, IL	cold	2	Fond du Lac, WI	3.8	6.4	41.2	4.7
Chicago, IL	Will, IL	cold	2	Ford, IL	1.4	7.4	11.6	0.9
Chicago, IL	Will, IL	cold	2	Fountain, IN	1.0	5.8	16.2	3.0
Chicago, IL	Will, IL	cold	2	Fulton, IN	1.0	4.8	10.5	3.0
Chicago, IL	Will, IL	cold	2	Green Lake, WI	1.1	2.3	8.4	0.6
Chicago, IL	Will, IL	cold	2	Green, WI	2.0	3.8	15.2	1.6
Chicago, IL	Will, IL	cold	2	Grundy, IL	2.3	7.8	38.3	3.4
Chicago, IL	Will, IL	cold	2	Henry, IL	2.4	9.6	62.7	2.5
Chicago, IL	Will, IL	cold	2	Howard, IN	1.7	12.3	30.5	22.5
Chicago, IL	Will, IL	cold	2	Iowa, WI	1.3	2.1	9.7	0.9
Chicago, IL	Will, IL	cold	2	Iroquois, IL	2.9	14.0	34.7	2.6
Chicago, IL	Will, IL	cold	2	Jackson, IA	1.3	4.2	14.1	2.2
Chicago, IL	Will, IL	cold	2	Jasper, IN	2.6	20.2	189.7	384.2
Chicago, IL	Will, IL	cold	2	Jefferson, WI	3.4	4.0	39.4	3.0
Chicago, IL	Will, IL	cold	2	Jo Daviess, IL	1.9	5.2	35.0	1.9
Chicago, IL	Will, IL	cold	2	Kane, IL	6.9	11.6	155.9	9.8
Chicago, IL	Will, IL	cold	2	Kankakee, IL	4.0	11.4	69.3	3.5
Chicago, IL	Will, IL	cold	2	Kendall, IL	2.2	5.4	34.9	3.3
Chicago, IL	Will, IL	cold	2	Kenosha, WI	4.3	8.9	150.6	320.6
Chicago, IL	Will, IL	cold	2	Kosciusko, IN	2.9	12.8	45.6	16.2
Chicago, IL	Will, IL	cold	2	La Salle, IL	4.7	20.2	111.6	46.3
Chicago, IL	Will, IL	cold	2	Lafayette, WI	1.4	3.9	9.4	1.0
Chicago, IL	Will, IL	cold	2	Lake, IL	10.1	13.9	278.1	138.9
Chicago, IL	Will, IL	cold	2	Lake, IN	11.5	42.3	511.3	372.6
Chicago, IL	Will, IL	cold	2	LaPorte, IN	3.6	15.2	113.1	170.2
Chicago, IL	Will, IL	cold	2	Lee, IL	3.3	10.8	53.7	5.9
Chicago, IL	Will, IL	cold	2	Livingston, IL	3.3	14.8	31.9	2.2
Chicago, IL	Will, IL	cold	2	Logan, IL	2.8	9.7	25.7	6.9
Chicago, IL	Will, IL	cold	2	Marshall, IL	1.2	6.9	21.9	33.9
Chicago, IL	Will, IL	cold	2	Marshall, IN	1.9	8.3	29.1	8.0
Chicago, IL	Will, IL	cold	2	McHenry, IL	6.0	13.6	89.6	5.6
Chicago, IL	Will, IL	cold	2	McLean, IL	5.0	11.4	91.9	5.3
Chicago, IL	Will, IL	cold	2	Miami, IN	1.2	6.7	16.9	4.6
Chicago, IL	Will, IL	cold	2	Milwaukee, WI	24.4	27.6	343.2	228.7
Chicago, IL	Will, IL	cold	2	Montgomery, IN	2.4	9.4	34.5	12.1
Chicago, IL	Will, IL	cold	2	Newton, IN	1.6	5.6	11.0	1.9
Chicago, IL	Will, IL	cold	2	Ogle, IL	3.0	9.5	40.6	2.8
Chicago, IL	Will, IL	cold	2	Ozaukee, WI	3.2	4.3	42.4	3.6
Chicago, IL	Will, IL	cold	2	Peoria, IL	6.7	28.6	170.6	413.0
Chicago, IL	Will, IL	cold	2	Piatt, IL	1.3	6.3	30.9	1.1
Chicago, IL	Will, IL	cold	2	Porter, IN	6.8	26.5	282.4	230.7
Chicago, IL	Will, IL	cold	2	Pulaski, IN	1.0	3.5	9.2	1.7
Chicago, IL	Will, IL	cold	2	Putnam, IL	0.5	4.2	20.0	57.4
Chicago, IL	Will, IL	cold	2	Racine, WI	5.2	5.9	55.3	7.2
Chicago, IL	Will, IL	cold	2	Rock Island, IL	2.5	6.0	57.9	20.5
Chicago, IL	Will, IL	cold	2	Rock, WI	5.6	7.8	67.7	6.2
Chicago, IL	Will, IL	cold	2	Sauk, WI	3.9	4.4	27.7	3.4
Chicago, IL	Will, IL	cold	2	Sheboygan, WI	5.1	10.2	103.2	162.5
Chicago, IL	Will, IL	cold	2	St. Joseph, IN	3.9	12.6	101.1	66.8
Chicago, IL	Will, IL	cold	2	Stark, IL	0.5	3.8	4.6	0.4
Chicago, IL	Will, IL	cold	2	Starke, IN	1.1	3.5	16.6	1.7
Chicago, IL	Will, IL	cold	2	Stephenson, IL	1.7	7.1	19.3	1.3
Chicago, IL	Will, IL	cold	2	Tazewell, IL	4.4	21.1	365.9	345.4
Chicago, IL	Will, IL	cold	2	Tippecanoe, IN	4.0	16.9	80.8	78.2
Chicago, IL	Will, IL	cold	2	Van Buren, MI	3.1	6.1	27.9	4.3
Chicago, IL	Will, IL	cold	2	Vermilion, IL	3.4	17.2	60.6	117.6
Chicago, IL	Will, IL	cold	2	Vermillion, IN	1.9	23.3	132.9	750.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Chicago, IL	Will, IL	cold	2	Wabash, IN	1.5	9.3	23.9	17.6
Chicago, IL	Will, IL	cold	2	Walworth, WI	3.6	5.0	39.9	2.8
Chicago, IL	Will, IL	cold	2	Warren, IN	0.6	4.9	9.2	1.1
Chicago, IL	Will, IL	cold	2	Washington, WI	3.7	3.8	38.6	3.2
Chicago, IL	Will, IL	cold	2	Waukesha, WI	10.7	9.1	114.8	9.6
Chicago, IL	Will, IL	cold	2	White, IN	1.5	8.1	22.6	4.2
Chicago, IL	Will, IL	cold	2	Whiteside, IL	2.5	9.9	44.9	3.3
Chicago, IL	Will, IL	cold	2	Will, IL	11.7	34.6	434.2	743.3
Chicago, IL	Will, IL	cold	2	Winnebago, IL	4.0	9.6	101.1	5.8
Chicago, IL	Will, IL	cold	2	Woodford, IL	1.5	7.0	21.3	1.8
Chicago, IL	Will, IL	warm	3	Benton, IN	1.7	14.4	16.2	2.3
Chicago, IL	Will, IL	warm	3	Berrien, MI	8.9	15.8	164.4	22.0
Chicago, IL	Will, IL	warm	3	Boone, IL	3.0	10.3	45.5	2.5
Chicago, IL	Will, IL	warm	3	Bureau, IL	5.0	20.9	70.8	5.5
Chicago, IL	Will, IL	warm	3	Carroll, IL	3.6	11.3	36.5	3.5
Chicago, IL	Will, IL	warm	3	Carroll, IN	2.2	15.0	27.3	5.7
Chicago, IL	Will, IL	warm	3	Cass, IN	3.1	19.6	88.2	94.3
Chicago, IL	Will, IL	warm	3	Cass, MI	5.3	11.1	40.5	6.0
Chicago, IL	Will, IL	warm	3	Champaign, IL	9.7	32.2	169.9	16.6
Chicago, IL	Will, IL	warm	3	Clinton, IA	6.9	41.2	259.2	225.6
Chicago, IL	Will, IL	warm	3	Clinton, IN	2.6	17.5	45.8	14.6
Chicago, IL	Will, IL	warm	3	Columbia, WI	7.3	16.1	225.8	517.8
Chicago, IL	Will, IL	warm	3	Cook, IL	106.0	82.4	3436.6	693.2
Chicago, IL	Will, IL	warm	3	Dane, WI	33.3	47.7	369.0	170.9
Chicago, IL	Will, IL	warm	3	De Witt, IL	2.5	10.6	42.2	3.0
Chicago, IL	Will, IL	warm	3	DeKalb, IL	4.6	19.6	76.5	4.9
Chicago, IL	Will, IL	warm	3	Dodge, WI	8.2	13.3	78.3	7.6
Chicago, IL	Will, IL	warm	3	Douglas, IL	3.1	13.5	108.0	174.2
Chicago, IL	Will, IL	warm	3	DuPage, IL	24.7	15.2	723.1	39.5
Chicago, IL	Will, IL	warm	3	Edgar, IL	2.8	15.6	29.8	2.8
Chicago, IL	Will, IL	warm	3	Elkhart, IN	13.3	53.0	201.9	110.2
Chicago, IL	Will, IL	warm	3	Fond du Lac, WI	7.9	13.3	85.5	9.8
Chicago, IL	Will, IL	warm	3	Ford, IL	3.0	15.3	24.1	1.9
Chicago, IL	Will, IL	warm	3	Fountain, IN	2.1	12.0	33.7	6.2
Chicago, IL	Will, IL	warm	3	Fulton, IN	2.0	10.0	21.8	6.2
Chicago, IL	Will, IL	warm	3	Green Lake, WI	2.4	4.8	17.5	1.3
Chicago, IL	Will, IL	warm	3	Green, WI	4.2	7.9	31.7	3.3
Chicago, IL	Will, IL	warm	3	Grundy, IL	4.9	16.1	79.6	7.1
Chicago, IL	Will, IL	warm	3	Henry, IL	5.0	19.9	130.3	5.2
Chicago, IL	Will, IL	warm	3	Howard, IN	3.5	25.5	63.4	46.8
Chicago, IL	Will, IL	warm	3	Iowa, WI	2.8	4.3	20.1	1.9
Chicago, IL	Will, IL	warm	3	Iroquois, IL	6.0	29.1	72.2	5.4
Chicago, IL	Will, IL	warm	3	Jackson, IA	2.8	8.7	29.4	4.6
Chicago, IL	Will, IL	warm	3	Jasper, IN	5.5	41.9	394.2	798.5
Chicago, IL	Will, IL	warm	3	Jefferson, WI	7.0	8.2	81.8	6.3
Chicago, IL	Will, IL	warm	3	Jo Daviess, IL	4.0	10.9	72.7	4.0
Chicago, IL	Will, IL	warm	3	Kane, IL	14.4	24.2	324.1	20.3
Chicago, IL	Will, IL	warm	3	Kankakee, IL	8.2	23.8	144.1	7.2
Chicago, IL	Will, IL	warm	3	Kendall, IL	4.5	11.2	72.5	6.9
Chicago, IL	Will, IL	warm	3	Kenosha, WI	9.0	18.5	313.1	666.4
Chicago, IL	Will, IL	warm	3	Kosciusko, IN	6.0	26.6	94.7	33.8
Chicago, IL	Will, IL	warm	3	La Salle, IL	9.8	42.0	232.0	96.3
Chicago, IL	Will, IL	warm	3	Lafayette, WI	2.8	8.0	19.6	2.1
Chicago, IL	Will, IL	warm	3	Lake, IL	21.0	28.8	578.0	288.6
Chicago, IL	Will, IL	warm	3	Lake, IN	23.9	87.9	1062.8	774.5
Chicago, IL	Will, IL	warm	3	LaPorte, IN	7.5	31.7	235.0	353.7
Chicago, IL	Will, IL	warm	3	Lee, IL	6.9	22.4	111.6	12.2
Chicago, IL	Will, IL	warm	3	Livingston, IL	6.9	30.8	66.3	4.5
Chicago, IL	Will, IL	warm	3	Logan, IL	5.9	20.2	53.5	14.3
Chicago, IL	Will, IL	warm	3	Marshall, IL	2.5	14.3	45.5	70.5
Chicago, IL	Will, IL	warm	3	Marshall, IN	4.0	17.2	60.5	16.6
Chicago, IL	Will, IL	warm	3	McHenry, IL	12.4	28.3	186.1	11.6
Chicago, IL	Will, IL	warm	3	McLean, IL	10.5	23.8	191.0	10.9
Chicago, IL	Will, IL	warm	3	Miami, IN	2.5	13.9	35.0	9.5
Chicago, IL	Will, IL	warm	3	Milwaukee, WI	50.6	57.4	713.3	475.3
Chicago, IL	Will, IL	warm	3	Montgomery, IN	5.0	19.6	71.7	25.2
Chicago, IL	Will, IL	warm	3	Newton, IN	3.3	11.7	22.8	3.9
Chicago, IL	Will, IL	warm	3	Ogle, IL	6.2	19.8	84.4	5.7
Chicago, IL	Will, IL	warm	3	Ozaukee, WI	6.7	8.9	88.1	7.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Chicago, IL	Will, IL	warm	3	Peoria, IL	14.0	59.4	354.6	858.3
Chicago, IL	Will, IL	warm	3	Piatt, IL	2.8	13.0	64.2	2.2
Chicago, IL	Will, IL	warm	3	Porter, IN	14.1	55.2	586.9	479.6
Chicago, IL	Will, IL	warm	3	Pulaski, IN	2.2	7.2	19.2	3.4
Chicago, IL	Will, IL	warm	3	Putnam, IL	1.0	8.8	41.6	119.2
Chicago, IL	Will, IL	warm	3	Racine, WI	10.7	12.2	114.9	14.9
Chicago, IL	Will, IL	warm	3	Rock Island, IL	5.3	12.6	120.4	42.5
Chicago, IL	Will, IL	warm	3	Rock, WI	11.6	16.3	140.7	12.8
Chicago, IL	Will, IL	warm	3	Sauk, WI	8.0	9.2	57.6	7.2
Chicago, IL	Will, IL	warm	3	Sheboygan, WI	10.7	21.1	214.4	337.8
Chicago, IL	Will, IL	warm	3	St. Joseph, IN	8.2	26.3	210.1	138.8
Chicago, IL	Will, IL	warm	3	Stark, IL	1.0	7.8	9.6	0.8
Chicago, IL	Will, IL	warm	3	Starke, IN	2.4	7.2	34.5	3.6
Chicago, IL	Will, IL	warm	3	Stephenson, IL	3.6	14.7	40.1	2.6
Chicago, IL	Will, IL	warm	3	Tazewell, IL	9.1	43.9	760.5	718.0
Chicago, IL	Will, IL	warm	3	Tippecanoe, IN	8.3	35.2	168.0	162.5
Chicago, IL	Will, IL	warm	3	Van Buren, MI	6.5	12.8	57.9	8.9
Chicago, IL	Will, IL	warm	3	Vermilion, IL	7.0	35.8	126.0	244.3
Chicago, IL	Will, IL	warm	3	Vermillion, IN	3.9	48.5	276.3	1560.1
Chicago, IL	Will, IL	warm	3	Wabash, IN	3.2	19.3	49.7	36.5
Chicago, IL	Will, IL	warm	3	Walworth, WI	7.5	10.3	83.0	5.9
Chicago, IL	Will, IL	warm	3	Warren, IN	1.3	10.1	19.1	2.2
Chicago, IL	Will, IL	warm	3	Washington, WI	7.7	8.0	80.2	6.6
Chicago, IL	Will, IL	warm	3	Waukesha, WI	22.2	19.0	238.6	20.0
Chicago, IL	Will, IL	warm	3	White, IN	3.1	16.8	47.0	8.7
Chicago, IL	Will, IL	warm	3	Whiteside, IL	5.3	20.5	93.3	6.8
Chicago, IL	Will, IL	warm	3	Will, IL	24.2	72.0	902.5	1544.9
Chicago, IL	Will, IL	warm	3	Winnebago, IL	8.3	19.9	210.2	12.0
Chicago, IL	Will, IL	warm	3	Woodford, IL	3.2	14.6	44.3	3.7
Chico, CA	Butte, CA	cold	15	Alameda, CA	162.8	150.5	3090.9	490.4
Chico, CA	Butte, CA	cold	15	Alpine, CA	6.0	2.7	9.2	1.2
Chico, CA	Butte, CA	cold	15	Amador, CA	53.9	40.8	184.7	5.8
Chico, CA	Butte, CA	cold	15	Butte, CA	107.0	99.3	600.4	149.6
Chico, CA	Butte, CA	cold	15	Calaveras, CA	38.9	27.0	138.6	3.0
Chico, CA	Butte, CA	cold	15	Carson, NV	22.5	21.4	89.5	92.2
Chico, CA	Butte, CA	cold	15	Churchill, NV	14.0	39.4	141.0	18.7
Chico, CA	Butte, CA	cold	15	Colusa, CA	61.2	70.3	261.3	74.8
Chico, CA	Butte, CA	cold	15	Contra Costa, CA	141.5	122.8	3117.4	1281.7
Chico, CA	Butte, CA	cold	15	Crook, OR	29.6	30.3	61.0	6.9
Chico, CA	Butte, CA	cold	15	Curry, OR	59.3	35.9	66.5	10.6
Chico, CA	Butte, CA	cold	15	Del Norte, CA	23.5	13.4	90.6	8.7
Chico, CA	Butte, CA	cold	15	Deschutes, OR	132.7	139.5	404.5	37.1
Chico, CA	Butte, CA	cold	15	Douglas, NV	23.9	51.7	155.6	51.4
Chico, CA	Butte, CA	cold	15	Douglas, OR	189.2	130.3	488.2	45.3
Chico, CA	Butte, CA	cold	15	El Dorado, CA	118.0	76.6	341.8	36.3
Chico, CA	Butte, CA	cold	15	Elko, NV	141.3	109.4	456.5	54.3
Chico, CA	Butte, CA	cold	15	Esmeralda, NV	0.7	13.2	7.5	4.2
Chico, CA	Butte, CA	cold	15	Fresno, CA	320.0	264.4	2576.3	403.2
Chico, CA	Butte, CA	cold	15	Glenn, CA	59.0	69.4	274.7	95.3
Chico, CA	Butte, CA	cold	15	Grant, OR	19.3	18.1	50.2	3.9
Chico, CA	Butte, CA	cold	15	Harney, OR	43.4	29.3	69.3	9.9
Chico, CA	Butte, CA	cold	15	Humboldt, CA	100.7	62.4	660.6	25.3
Chico, CA	Butte, CA	cold	15	Humboldt, NV	27.0	55.3	849.5	706.0
Chico, CA	Butte, CA	cold	15	Inyo, CA	27.4	66.7	85.3	17.8
Chico, CA	Butte, CA	cold	15	Jackson, OR	221.0	145.0	573.8	96.8
Chico, CA	Butte, CA	cold	15	Josephine, OR	98.8	65.1	185.6	20.4
Chico, CA	Butte, CA	cold	15	Klamath, OR	156.0	106.3	522.0	40.7
Chico, CA	Butte, CA	cold	15	Lake, CA	50.9	36.3	207.2	14.7
Chico, CA	Butte, CA	cold	15	Lake, OR	21.1	18.4	76.6	6.4
Chico, CA	Butte, CA	cold	15	Lander, NV	5.0	17.9	66.9	6.4
Chico, CA	Butte, CA	cold	15	Lane, OR	222.4	151.6	874.9	94.9
Chico, CA	Butte, CA	cold	15	Lassen, CA	56.3	51.0	189.2	11.6
Chico, CA	Butte, CA	cold	15	Lyon, NV	16.5	53.8	515.4	46.5
Chico, CA	Butte, CA	cold	15	Madera, CA	75.8	65.4	762.2	54.4
Chico, CA	Butte, CA	cold	15	Malheur, OR	57.5	93.2	214.8	71.9
Chico, CA	Butte, CA	cold	15	Marin, CA	33.2	24.4	460.9	68.9
Chico, CA	Butte, CA	cold	15	Mariposa, CA	33.7	21.9	64.1	2.9
Chico, CA	Butte, CA	cold	15	Mendocino, CA	67.2	39.7	362.4	26.2
Chico, CA	Butte, CA	cold	15	Merced, CA	58.2	75.5	950.0	70.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Chico, CA	Butte, CA	cold	15	Mineral, NV	2.2	29.9	14.1	1.6
Chico, CA	Butte, CA	cold	15	Modoc, CA	20.8	22.3	118.0	4.6
Chico, CA	Butte, CA	cold	15	Mono, CA	21.0	39.5	54.5	1.8
Chico, CA	Butte, CA	cold	15	Napa, CA	23.3	18.5	300.8	80.1
Chico, CA	Butte, CA	cold	15	Nevada, CA	90.5	64.0	244.6	18.4
Chico, CA	Butte, CA	cold	15	Nye, NV	95.2	63.1	104.9	34.9
Chico, CA	Butte, CA	cold	15	Owyhee, ID	137.6	98.4	86.8	34.3
Chico, CA	Butte, CA	cold	15	Pershing, NV	4.9	20.1	131.7	8.0
Chico, CA	Butte, CA	cold	15	Placer, CA	94.0	66.3	820.4	64.7
Chico, CA	Butte, CA	cold	15	Plumas, CA	108.9	60.8	242.8	24.6
Chico, CA	Butte, CA	cold	15	Sacramento, CA	159.6	134.8	2347.9	234.0
Chico, CA	Butte, CA	cold	15	San Francisco, CA	98.2	63.2	1606.9	140.0
Chico, CA	Butte, CA	cold	15	San Joaquin, CA	111.6	106.7	2098.8	218.4
Chico, CA	Butte, CA	cold	15	Santa Clara, CA	167.8	193.2	3163.7	495.9
Chico, CA	Butte, CA	cold	15	Shasta, CA	218.5	135.9	767.6	32.1
Chico, CA	Butte, CA	cold	15	Sierra, CA	37.2	20.1	42.7	8.4
Chico, CA	Butte, CA	cold	15	Siskiyou, CA	144.2	83.7	316.1	24.5
Chico, CA	Butte, CA	cold	15	Solano, CA	59.1	59.1	1062.0	589.7
Chico, CA	Butte, CA	cold	15	Sonoma, CA	86.5	63.3	1065.9	201.7
Chico, CA	Butte, CA	cold	15	Stanislaus, CA	75.6	80.4	1344.7	150.4
Chico, CA	Butte, CA	cold	15	Storey, NV	4.9	20.3	147.2	11.1
Chico, CA	Butte, CA	cold	15	Sutter, CA	56.7	68.1	415.9	13.4
Chico, CA	Butte, CA	cold	15	Tehama, CA	58.2	42.5	278.5	147.6
Chico, CA	Butte, CA	cold	15	Trinity, CA	36.8	20.7	53.1	3.7
Chico, CA	Butte, CA	cold	15	Tuolumne, CA	68.0	48.1	247.8	18.9
Chico, CA	Butte, CA	cold	15	Washoe, NV	76.0	111.0	939.2	290.8
Chico, CA	Butte, CA	cold	15	Yolo, CA	57.9	80.7	785.5	41.4
Chico, CA	Butte, CA	cold	15	Yuba, CA	26.3	20.9	236.4	8.0
Cincinnati, OH	Butler, OH	cold	6	Adams, IN	2.4	11.8	29.8	17.6
Cincinnati, OH	Butler, OH	cold	6	Adams, OH	7.0	67.4	478.6	1787.5
Cincinnati, OH	Butler, OH	cold	6	Anderson, KY	1.5	2.4	11.6	3.6
Cincinnati, OH	Butler, OH	cold	6	Auglaize, OH	2.6	6.4	40.1	30.5
Cincinnati, OH	Butler, OH	cold	6	Bartholomew, IN	3.2	13.0	47.2	20.2
Cincinnati, OH	Butler, OH	cold	6	Bath, KY	1.0	1.6	17.7	1.2
Cincinnati, OH	Butler, OH	cold	6	Blackford, IN	0.8	3.4	10.5	3.1
Cincinnati, OH	Butler, OH	cold	6	Boone, KY	8.7	13.3	153.6	76.2
Cincinnati, OH	Butler, OH	cold	6	Bourbon, KY	1.2	2.8	18.0	3.2
Cincinnati, OH	Butler, OH	cold	6	Bracken, KY	0.7	1.2	7.0	0.7
Cincinnati, OH	Butler, OH	cold	6	Brown, IN	1.4	1.9	9.8	0.8
Cincinnati, OH	Butler, OH	cold	6	Brown, OH	3.5	5.7	37.1	4.7
Cincinnati, OH	Butler, OH	cold	6	Butler, OH	8.0	20.6	235.8	150.5
Cincinnati, OH	Butler, OH	cold	6	Campbell, KY	2.5	3.1	59.9	10.4
Cincinnati, OH	Butler, OH	cold	6	Carroll, KY	3.6	29.4	246.8	719.7
Cincinnati, OH	Butler, OH	cold	6	Carter, KY	2.0	3.1	33.5	2.3
Cincinnati, OH	Butler, OH	cold	6	Champaign, OH	2.4	6.0	21.5	1.8
Cincinnati, OH	Butler, OH	cold	6	Clark, IN	4.8	12.9	81.4	57.2
Cincinnati, OH	Butler, OH	cold	6	Clark, KY	2.8	8.6	90.9	156.8
Cincinnati, OH	Butler, OH	cold	6	Clark, OH	4.1	9.0	78.3	6.0
Cincinnati, OH	Butler, OH	cold	6	Clermont, OH	10.4	58.1	505.9	1278.4
Cincinnati, OH	Butler, OH	cold	6	Clinton, OH	3.1	6.3	38.8	2.8
Cincinnati, OH	Butler, OH	cold	6	Darke, OH	3.4	11.5	35.0	3.1
Cincinnati, OH	Butler, OH	cold	6	Dearborn, IN	4.1	30.7	182.3	677.9
Cincinnati, OH	Butler, OH	cold	6	Decatur, IN	2.0	11.5	32.9	9.0
Cincinnati, OH	Butler, OH	cold	6	Delaware, IN	3.3	12.3	70.9	30.5
Cincinnati, OH	Butler, OH	cold	6	Delaware, OH	7.3	12.1	96.3	8.2
Cincinnati, OH	Butler, OH	cold	6	Fairfield, OH	5.5	9.7	84.1	6.4
Cincinnati, OH	Butler, OH	cold	6	Fayette, IN	1.2	6.0	16.8	6.8
Cincinnati, OH	Butler, OH	cold	6	Fayette, KY	6.8	9.9	130.9	45.4
Cincinnati, OH	Butler, OH	cold	6	Fayette, OH	2.0	6.7	31.2	2.2
Cincinnati, OH	Butler, OH	cold	6	Fleming, KY	1.1	1.7	7.0	1.4
Cincinnati, OH	Butler, OH	cold	6	Floyd, IN	4.0	36.3	115.6	813.7
Cincinnati, OH	Butler, OH	cold	6	Franklin, IN	1.7	4.6	17.3	2.3
Cincinnati, OH	Butler, OH	cold	6	Franklin, KY	2.0	2.9	30.4	7.5
Cincinnati, OH	Butler, OH	cold	6	Franklin, OH	18.8	14.3	533.6	57.9
Cincinnati, OH	Butler, OH	cold	6	Gallatin, KY	1.2	2.8	31.4	5.3
Cincinnati, OH	Butler, OH	cold	6	Grant, KY	2.3	2.3	38.7	3.8
Cincinnati, OH	Butler, OH	cold	6	Greene, OH	3.7	9.4	120.3	25.4
Cincinnati, OH	Butler, OH	cold	6	Greenup, KY	2.1	2.2	58.0	30.9
Cincinnati, OH	Butler, OH	cold	6	Hamilton, IN	6.1	18.3	113.0	17.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Cincinnati, OH	Butler, OH	cold	6	Hamilton, OH	17.6	64.1	708.4	1247.2
Cincinnati, OH	Butler, OH	cold	6	Hancock, IN	2.4	10.7	44.5	6.1
Cincinnati, OH	Butler, OH	cold	6	Hardin, OH	2.2	7.0	24.1	2.2
Cincinnati, OH	Butler, OH	cold	6	Harrison, KY	1.5	2.3	21.8	3.7
Cincinnati, OH	Butler, OH	cold	6	Henry, IN	2.5	13.2	46.7	6.4
Cincinnati, OH	Butler, OH	cold	6	Henry, KY	1.5	2.9	18.6	2.0
Cincinnati, OH	Butler, OH	cold	6	Highland, OH	3.1	5.7	21.9	1.9
Cincinnati, OH	Butler, OH	cold	6	Hocking, OH	2.3	2.7	30.3	3.3
Cincinnati, OH	Butler, OH	cold	6	Jackson, IN	3.2	8.8	47.8	11.5
Cincinnati, OH	Butler, OH	cold	6	Jackson, OH	2.4	2.6	14.6	2.1
Cincinnati, OH	Butler, OH	cold	6	Jay, IN	1.6	9.2	19.3	9.2
Cincinnati, OH	Butler, OH	cold	6	Jefferson, IN	2.4	13.8	356.8	1065.8
Cincinnati, OH	Butler, OH	cold	6	Jefferson, KY	38.6	40.3	829.9	750.9
Cincinnati, OH	Butler, OH	cold	6	Jennings, IN	8.1	13.9	89.9	109.9
Cincinnati, OH	Butler, OH	cold	6	Jessamine, KY	2.6	3.8	27.4	5.5
Cincinnati, OH	Butler, OH	cold	6	Johnson, IN	3.1	12.0	66.6	13.4
Cincinnati, OH	Butler, OH	cold	6	Kenton, KY	3.8	3.6	89.4	18.4
Cincinnati, OH	Butler, OH	cold	6	Lawrence, IN	3.0	8.5	95.1	64.2
Cincinnati, OH	Butler, OH	cold	6	Lawrence, OH	9.5	5.4	53.3	8.1
Cincinnati, OH	Butler, OH	cold	6	Lewis, KY	2.0	2.0	41.8	7.0
Cincinnati, OH	Butler, OH	cold	6	Licking, OH	10.7	16.4	105.2	10.8
Cincinnati, OH	Butler, OH	cold	6	Logan, OH	3.2	6.4	31.1	2.6
Cincinnati, OH	Butler, OH	cold	6	Madison, IN	3.7	16.5	76.8	19.3
Cincinnati, OH	Butler, OH	cold	6	Madison, KY	3.7	5.0	70.0	16.0
Cincinnati, OH	Butler, OH	cold	6	Madison, OH	2.5	9.3	44.1	2.7
Cincinnati, OH	Butler, OH	cold	6	Marion, IN	17.6	66.0	533.1	861.8
Cincinnati, OH	Butler, OH	cold	6	Marion, OH	3.4	8.1	48.4	9.2
Cincinnati, OH	Butler, OH	cold	6	Mason, KY	2.8	22.5	158.5	581.4
Cincinnati, OH	Butler, OH	cold	6	Mercer, KY	3.6	26.6	103.7	611.9
Cincinnati, OH	Butler, OH	cold	6	Mercer, OH	2.6	8.4	22.3	2.1
Cincinnati, OH	Butler, OH	cold	6	Miami, OH	3.2	8.5	56.4	4.3
Cincinnati, OH	Butler, OH	cold	6	Monroe, IN	4.1	11.3	54.0	56.3
Cincinnati, OH	Butler, OH	cold	6	Montgomery, KY	1.7	2.8	18.6	4.9
Cincinnati, OH	Butler, OH	cold	6	Montgomery, OH	9.0	12.2	298.7	134.0
Cincinnati, OH	Butler, OH	cold	6	Nicholas, KY	0.5	1.1	3.4	0.5
Cincinnati, OH	Butler, OH	cold	6	Ohio, IN	0.4	1.2	9.1	1.4
Cincinnati, OH	Butler, OH	cold	6	Oldham, KY	3.1	4.9	46.8	7.1
Cincinnati, OH	Butler, OH	cold	6	Owen, KY	1.0	1.5	8.0	0.8
Cincinnati, OH	Butler, OH	cold	6	Pendleton, KY	1.4	2.4	47.6	7.1
Cincinnati, OH	Butler, OH	cold	6	Pickaway, OH	3.3	13.1	71.1	96.2
Cincinnati, OH	Butler, OH	cold	6	Pike, OH	3.6	4.1	26.5	33.8
Cincinnati, OH	Butler, OH	cold	6	Preble, OH	3.2	7.1	38.7	2.4
Cincinnati, OH	Butler, OH	cold	6	Randolph, IN	2.5	10.7	36.6	9.7
Cincinnati, OH	Butler, OH	cold	6	Ripley, IN	2.2	6.8	27.1	6.3
Cincinnati, OH	Butler, OH	cold	6	Robertson, KY	0.2	0.7	1.0	0.1
Cincinnati, OH	Butler, OH	cold	6	Ross, OH	4.8	7.9	95.2	345.6
Cincinnati, OH	Butler, OH	cold	6	Rowan, KY	1.9	2.0	22.2	3.8
Cincinnati, OH	Butler, OH	cold	6	Rush, IN	1.4	9.8	16.9	3.1
Cincinnati, OH	Butler, OH	cold	6	Scioto, OH	5.9	4.8	70.5	7.9
Cincinnati, OH	Butler, OH	cold	6	Scott, IN	1.6	3.9	19.3	4.5
Cincinnati, OH	Butler, OH	cold	6	Scott, KY	2.8	5.3	55.6	16.2
Cincinnati, OH	Butler, OH	cold	6	Shelby, IN	3.4	15.1	63.8	10.9
Cincinnati, OH	Butler, OH	cold	6	Shelby, KY	3.2	4.8	37.6	8.6
Cincinnati, OH	Butler, OH	cold	6	Shelby, OH	3.1	6.4	45.0	8.2
Cincinnati, OH	Butler, OH	cold	6	Switzerland, IN	1.1	1.8	22.9	4.0
Cincinnati, OH	Butler, OH	cold	6	Trimble, KY	1.6	6.0	73.7	78.8
Cincinnati, OH	Butler, OH	cold	6	Union, IN	0.7	3.3	10.2	1.0
Cincinnati, OH	Butler, OH	cold	6	Union, OH	4.4	10.0	33.9	3.0
Cincinnati, OH	Butler, OH	cold	6	Van Wert, OH	1.9	7.8	23.6	17.5
Cincinnati, OH	Butler, OH	cold	6	Vinton, OH	1.2	1.5	6.7	1.0
Cincinnati, OH	Butler, OH	cold	6	Warren, OH	7.6	10.6	102.5	8.0
Cincinnati, OH	Butler, OH	cold	6	Washington, IN	2.3	5.8	19.4	5.1
Cincinnati, OH	Butler, OH	cold	6	Wayne, IN	3.3	20.7	70.7	182.0
Cincinnati, OH	Butler, OH	cold	6	Wells, IN	1.8	10.7	21.7	5.8
Cincinnati, OH	Butler, OH	cold	6	Woodford, KY	1.4	4.3	43.7	52.8
Cincinnati, OH	Butler, OH	warm	22	Adams, IN	12.3	59.9	151.2	89.3
Cincinnati, OH	Butler, OH	warm	22	Adams, OH	35.5	342.2	2431.7	9081.6
Cincinnati, OH	Butler, OH	warm	22	Anderson, KY	7.5	12.1	58.9	18.4
Cincinnati, OH	Butler, OH	warm	22	Auglaize, OH	13.4	32.5	203.5	155.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Cincinnati, OH	Butler, OH	warm	22	Bartholomew, IN	16.3	66.0	240.0	102.6
Cincinnati, OH	Butler, OH	warm	22	Bath, KY	5.1	8.4	89.8	6.1
Cincinnati, OH	Butler, OH	warm	22	Blackford, IN	4.1	17.4	53.3	16.0
Cincinnati, OH	Butler, OH	warm	22	Boone, KY	44.2	67.4	780.2	387.0
Cincinnati, OH	Butler, OH	warm	22	Bourbon, KY	6.1	14.1	91.4	16.4
Cincinnati, OH	Butler, OH	warm	22	Bracken, KY	3.5	6.2	35.4	3.8
Cincinnati, OH	Butler, OH	warm	22	Brown, IN	7.0	9.9	50.0	4.1
Cincinnati, OH	Butler, OH	warm	22	Brown, OH	17.9	29.0	188.5	23.9
Cincinnati, OH	Butler, OH	warm	22	Butler, OH	40.5	104.9	1197.9	764.7
Cincinnati, OH	Butler, OH	warm	22	Campbell, KY	12.9	15.6	304.2	52.6
Cincinnati, OH	Butler, OH	warm	22	Carroll, KY	18.2	149.4	1254.1	3656.3
Cincinnati, OH	Butler, OH	warm	22	Carter, KY	10.4	15.8	170.0	11.5
Cincinnati, OH	Butler, OH	warm	22	Champaign, OH	12.1	30.2	109.4	9.4
Cincinnati, OH	Butler, OH	warm	22	Clark, IN	24.3	65.6	413.3	290.7
Cincinnati, OH	Butler, OH	warm	22	Clark, KY	14.3	43.6	462.0	796.6
Cincinnati, OH	Butler, OH	warm	22	Clark, OH	20.7	45.7	397.8	30.6
Cincinnati, OH	Butler, OH	warm	22	Clermont, OH	52.7	295.2	2570.1	6495.1
Cincinnati, OH	Butler, OH	warm	22	Clinton, OH	15.8	32.1	196.9	14.3
Cincinnati, OH	Butler, OH	warm	22	Darke, OH	17.3	58.4	177.8	15.5
Cincinnati, OH	Butler, OH	warm	22	Dearborn, IN	20.7	156.1	926.1	3444.4
Cincinnati, OH	Butler, OH	warm	22	Decatur, IN	10.3	58.4	167.1	45.7
Cincinnati, OH	Butler, OH	warm	22	Delaware, IN	16.8	62.6	360.3	154.8
Cincinnati, OH	Butler, OH	warm	22	Delaware, OH	37.0	61.4	489.1	41.7
Cincinnati, OH	Butler, OH	warm	22	Fairfield, OH	28.0	49.3	427.2	32.3
Cincinnati, OH	Butler, OH	warm	22	Fayette, IN	6.1	30.5	85.2	34.8
Cincinnati, OH	Butler, OH	warm	22	Fayette, KY	34.8	50.1	664.8	230.9
Cincinnati, OH	Butler, OH	warm	22	Fayette, OH	10.4	33.9	158.3	11.2
Cincinnati, OH	Butler, OH	warm	22	Fleming, KY	5.5	8.6	35.4	7.3
Cincinnati, OH	Butler, OH	warm	22	Floyd, IN	20.5	184.3	587.3	4133.9
Cincinnati, OH	Butler, OH	warm	22	Franklin, IN	8.4	23.2	88.0	11.7
Cincinnati, OH	Butler, OH	warm	22	Franklin, KY	10.1	14.8	154.4	38.3
Cincinnati, OH	Butler, OH	warm	22	Franklin, OH	95.4	72.4	2710.9	294.4
Cincinnati, OH	Butler, OH	warm	22	Gallatin, KY	6.0	14.1	159.6	26.7
Cincinnati, OH	Butler, OH	warm	22	Grant, KY	11.5	11.8	196.5	19.2
Cincinnati, OH	Butler, OH	warm	22	Greene, OH	19.0	48.0	611.0	129.3
Cincinnati, OH	Butler, OH	warm	22	Greenup, KY	10.8	11.3	294.9	156.9
Cincinnati, OH	Butler, OH	warm	22	Hamilton, IN	31.1	92.8	574.3	88.1
Cincinnati, OH	Butler, OH	warm	22	Hamilton, OH	89.4	325.6	3599.1	6336.8
Cincinnati, OH	Butler, OH	warm	22	Hancock, IN	12.2	54.4	226.1	30.9
Cincinnati, OH	Butler, OH	warm	22	Hardin, OH	11.1	35.4	122.4	11.0
Cincinnati, OH	Butler, OH	warm	22	Harrison, KY	7.5	11.5	110.6	18.7
Cincinnati, OH	Butler, OH	warm	22	Henry, IN	12.6	67.2	237.0	32.6
Cincinnati, OH	Butler, OH	warm	22	Henry, KY	7.6	14.8	94.3	10.3
Cincinnati, OH	Butler, OH	warm	22	Highland, OH	15.7	28.7	111.4	9.5
Cincinnati, OH	Butler, OH	warm	22	Hocking, OH	11.8	13.6	154.1	16.6
Cincinnati, OH	Butler, OH	warm	22	Jackson, IN	16.5	44.8	242.8	58.4
Cincinnati, OH	Butler, OH	warm	22	Jackson, OH	12.3	13.3	74.1	10.7
Cincinnati, OH	Butler, OH	warm	22	Jay, IN	8.0	47.0	98.0	47.0
Cincinnati, OH	Butler, OH	warm	22	Jefferson, IN	12.1	69.9	1812.8	5415.1
Cincinnati, OH	Butler, OH	warm	22	Jefferson, KY	196.0	204.8	4216.1	3815.2
Cincinnati, OH	Butler, OH	warm	22	Jennings, IN	41.4	70.8	456.7	558.2
Cincinnati, OH	Butler, OH	warm	22	Jessamine, KY	13.0	19.5	139.2	28.1
Cincinnati, OH	Butler, OH	warm	22	Johnson, IN	15.9	60.7	338.2	67.9
Cincinnati, OH	Butler, OH	warm	22	Kenton, KY	19.4	18.4	454.1	93.5
Cincinnati, OH	Butler, OH	warm	22	Lawrence, IN	15.4	43.1	483.2	326.2
Cincinnati, OH	Butler, OH	warm	22	Lawrence, OH	48.3	27.6	270.9	41.2
Cincinnati, OH	Butler, OH	warm	22	Lewis, KY	10.0	10.3	212.2	35.3
Cincinnati, OH	Butler, OH	warm	22	Licking, OH	54.5	83.5	534.7	55.1
Cincinnati, OH	Butler, OH	warm	22	Logan, OH	16.5	32.8	157.8	13.1
Cincinnati, OH	Butler, OH	warm	22	Madison, IN	18.9	83.8	390.1	98.1
Cincinnati, OH	Butler, OH	warm	22	Madison, KY	18.7	25.5	355.7	81.5
Cincinnati, OH	Butler, OH	warm	22	Madison, OH	12.7	47.2	224.3	13.7
Cincinnati, OH	Butler, OH	warm	22	Marion, IN	89.5	335.5	2708.5	4378.3
Cincinnati, OH	Butler, OH	warm	22	Marion, OH	17.5	41.3	245.9	46.9
Cincinnati, OH	Butler, OH	warm	22	Mason, KY	14.4	114.2	805.2	2954.0
Cincinnati, OH	Butler, OH	warm	22	Mercer, KY	18.1	135.3	527.0	3108.8
Cincinnati, OH	Butler, OH	warm	22	Mercer, OH	13.2	42.8	113.5	10.5
Cincinnati, OH	Butler, OH	warm	22	Miami, OH	16.1	43.4	286.7	21.6
Cincinnati, OH	Butler, OH	warm	22	Monroe, IN	21.0	57.3	274.2	285.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Cincinnati, OH	Butler, OH	warm	22	Montgomery, KY	8.8	14.4	94.4	25.0
Cincinnati, OH	Butler, OH	warm	22	Montgomery, OH	45.8	62.0	1517.7	680.7
Cincinnati, OH	Butler, OH	warm	22	Nicholas, KY	2.5	5.6	17.2	2.6
Cincinnati, OH	Butler, OH	warm	22	Ohio, IN	2.1	6.1	46.0	7.4
Cincinnati, OH	Butler, OH	warm	22	Oldham, KY	15.8	24.9	237.7	36.2
Cincinnati, OH	Butler, OH	warm	22	Owen, KY	5.3	7.5	40.9	4.0
Cincinnati, OH	Butler, OH	warm	22	Pendleton, KY	7.2	12.3	241.6	35.9
Cincinnati, OH	Butler, OH	warm	22	Pickaway, OH	16.7	66.4	361.0	488.7
Cincinnati, OH	Butler, OH	warm	22	Pike, OH	18.5	20.9	134.7	171.7
Cincinnati, OH	Butler, OH	warm	22	Preble, OH	16.1	36.3	196.8	12.2
Cincinnati, OH	Butler, OH	warm	22	Randolph, IN	12.8	54.2	185.9	49.2
Cincinnati, OH	Butler, OH	warm	22	Ripley, IN	10.9	34.7	137.6	32.0
Cincinnati, OH	Butler, OH	warm	22	Robertson, KY	0.9	3.5	5.3	0.5
Cincinnati, OH	Butler, OH	warm	22	Ross, OH	24.4	40.0	483.5	1756.0
Cincinnati, OH	Butler, OH	warm	22	Rowan, KY	9.7	9.9	112.8	19.3
Cincinnati, OH	Butler, OH	warm	22	Rush, IN	7.0	49.8	85.7	15.7
Cincinnati, OH	Butler, OH	warm	22	Scioto, OH	29.9	24.1	358.1	39.9
Cincinnati, OH	Butler, OH	warm	22	Scott, IN	8.0	20.1	98.1	22.8
Cincinnati, OH	Butler, OH	warm	22	Scott, KY	14.3	26.9	282.5	82.3
Cincinnati, OH	Butler, OH	warm	22	Shelby, IN	17.1	76.7	324.3	55.2
Cincinnati, OH	Butler, OH	warm	22	Shelby, KY	16.3	24.3	191.0	43.8
Cincinnati, OH	Butler, OH	warm	22	Shelby, OH	16.0	32.5	228.6	41.8
Cincinnati, OH	Butler, OH	warm	22	Switzerland, IN	5.5	9.1	116.3	20.4
Cincinnati, OH	Butler, OH	warm	22	Trimble, KY	8.0	30.3	374.3	400.5
Cincinnati, OH	Butler, OH	warm	22	Union, IN	3.4	16.9	51.6	5.2
Cincinnati, OH	Butler, OH	warm	22	Union, OH	22.4	50.6	172.1	15.4
Cincinnati, OH	Butler, OH	warm	22	Van Wert, OH	9.4	39.8	119.7	88.7
Cincinnati, OH	Butler, OH	warm	22	Vinton, OH	6.0	7.4	34.2	5.3
Cincinnati, OH	Butler, OH	warm	22	Warren, OH	38.5	54.1	520.8	40.9
Cincinnati, OH	Butler, OH	warm	22	Washington, IN	11.7	29.4	98.8	26.0
Cincinnati, OH	Butler, OH	warm	22	Wayne, IN	16.8	105.1	359.0	924.7
Cincinnati, OH	Butler, OH	warm	22	Wells, IN	9.0	54.6	110.5	29.3
Cincinnati, OH	Butler, OH	warm	22	Woodford, KY	7.0	21.9	222.0	268.2
Cincinnati, OH	Hamilton, OH	cold	9	Adams, IN	2.4	11.8	29.8	17.6
Cincinnati, OH	Hamilton, OH	cold	9	Adams, OH	7.0	67.4	478.6	1787.5
Cincinnati, OH	Hamilton, OH	cold	9	Anderson, KY	1.5	2.4	11.6	3.6
Cincinnati, OH	Hamilton, OH	cold	9	Auglaize, OH	2.6	6.4	40.1	30.5
Cincinnati, OH	Hamilton, OH	cold	9	Bartholomew, IN	3.2	13.0	47.2	20.2
Cincinnati, OH	Hamilton, OH	cold	9	Bath, KY	1.0	1.6	17.7	1.2
Cincinnati, OH	Hamilton, OH	cold	9	Blackford, IN	0.8	3.4	10.5	3.1
Cincinnati, OH	Hamilton, OH	cold	9	Boone, KY	8.7	13.3	153.6	76.2
Cincinnati, OH	Hamilton, OH	cold	9	Bourbon, KY	1.2	2.8	18.0	3.2
Cincinnati, OH	Hamilton, OH	cold	9	Bracken, KY	0.7	1.2	7.0	0.7
Cincinnati, OH	Hamilton, OH	cold	9	Brown, IN	1.4	1.9	9.8	0.8
Cincinnati, OH	Hamilton, OH	cold	9	Brown, OH	3.5	5.7	37.1	4.7
Cincinnati, OH	Hamilton, OH	cold	9	Butler, OH	8.0	20.6	235.8	150.5
Cincinnati, OH	Hamilton, OH	cold	9	Campbell, KY	2.5	3.1	59.9	10.4
Cincinnati, OH	Hamilton, OH	cold	9	Carroll, KY	3.6	29.4	246.8	719.7
Cincinnati, OH	Hamilton, OH	cold	9	Carter, KY	2.0	3.1	33.5	2.3
Cincinnati, OH	Hamilton, OH	cold	9	Champaign, OH	2.4	6.0	21.5	1.8
Cincinnati, OH	Hamilton, OH	cold	9	Clark, IN	4.8	12.9	81.4	57.2
Cincinnati, OH	Hamilton, OH	cold	9	Clark, KY	2.8	8.6	90.9	156.8
Cincinnati, OH	Hamilton, OH	cold	9	Clark, OH	4.1	9.0	78.3	6.0
Cincinnati, OH	Hamilton, OH	cold	9	Clermont, OH	10.4	58.1	505.9	1278.4
Cincinnati, OH	Hamilton, OH	cold	9	Clinton, OH	3.1	6.3	38.8	2.8
Cincinnati, OH	Hamilton, OH	cold	9	Darke, OH	3.4	11.5	35.0	3.1
Cincinnati, OH	Hamilton, OH	cold	9	Dearborn, IN	4.1	30.7	182.3	677.9
Cincinnati, OH	Hamilton, OH	cold	9	Decatur, IN	2.0	11.5	32.9	9.0
Cincinnati, OH	Hamilton, OH	cold	9	Delaware, IN	3.3	12.3	70.9	30.5
Cincinnati, OH	Hamilton, OH	cold	9	Delaware, OH	7.3	12.1	96.3	8.2
Cincinnati, OH	Hamilton, OH	cold	9	Fairfield, OH	5.5	9.7	84.1	6.4
Cincinnati, OH	Hamilton, OH	cold	9	Fayette, IN	1.2	6.0	16.8	6.8
Cincinnati, OH	Hamilton, OH	cold	9	Fayette, KY	6.8	9.9	130.9	45.4
Cincinnati, OH	Hamilton, OH	cold	9	Fayette, OH	2.0	6.7	31.2	2.2
Cincinnati, OH	Hamilton, OH	cold	9	Fleming, KY	1.1	1.7	7.0	1.4
Cincinnati, OH	Hamilton, OH	cold	9	Floyd, IN	4.0	36.3	115.6	813.7
Cincinnati, OH	Hamilton, OH	cold	9	Franklin, IN	1.7	4.6	17.3	2.3
Cincinnati, OH	Hamilton, OH	cold	9	Franklin, KY	2.0	2.9	30.4	7.5
Cincinnati, OH	Hamilton, OH	cold	9	Franklin, OH	18.8	14.3	533.6	57.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Cincinnati, OH	Hamilton, OH	cold	9	Gallatin, KY	1.2	2.8	31.4	5.3
Cincinnati, OH	Hamilton, OH	cold	9	Grant, KY	2.3	2.3	38.7	3.8
Cincinnati, OH	Hamilton, OH	cold	9	Greene, OH	3.7	9.4	120.3	25.4
Cincinnati, OH	Hamilton, OH	cold	9	Greenup, KY	2.1	2.2	58.0	30.9
Cincinnati, OH	Hamilton, OH	cold	9	Hamilton, IN	6.1	18.3	113.0	17.3
Cincinnati, OH	Hamilton, OH	cold	9	Hamilton, OH	17.6	64.1	708.4	1247.2
Cincinnati, OH	Hamilton, OH	cold	9	Hancock, IN	2.4	10.7	44.5	6.1
Cincinnati, OH	Hamilton, OH	cold	9	Hardin, OH	2.2	7.0	24.1	2.2
Cincinnati, OH	Hamilton, OH	cold	9	Harrison, KY	1.5	2.3	21.8	3.7
Cincinnati, OH	Hamilton, OH	cold	9	Henry, IN	2.5	13.2	46.7	6.4
Cincinnati, OH	Hamilton, OH	cold	9	Henry, KY	1.5	2.9	18.6	2.0
Cincinnati, OH	Hamilton, OH	cold	9	Highland, OH	3.1	5.7	21.9	1.9
Cincinnati, OH	Hamilton, OH	cold	9	Hocking, OH	2.3	2.7	30.3	3.3
Cincinnati, OH	Hamilton, OH	cold	9	Jackson, IN	3.2	8.8	47.8	11.5
Cincinnati, OH	Hamilton, OH	cold	9	Jackson, OH	2.4	2.6	14.6	2.1
Cincinnati, OH	Hamilton, OH	cold	9	Jay, IN	1.6	9.2	19.3	9.2
Cincinnati, OH	Hamilton, OH	cold	9	Jefferson, IN	2.4	13.8	356.8	1065.8
Cincinnati, OH	Hamilton, OH	cold	9	Jefferson, KY	38.6	40.3	829.9	750.9
Cincinnati, OH	Hamilton, OH	cold	9	Jennings, IN	8.1	13.9	89.9	109.9
Cincinnati, OH	Hamilton, OH	cold	9	Jessamine, KY	2.6	3.8	27.4	5.5
Cincinnati, OH	Hamilton, OH	cold	9	Johnson, IN	3.1	12.0	66.6	13.4
Cincinnati, OH	Hamilton, OH	cold	9	Kenton, KY	3.8	3.6	89.4	18.4
Cincinnati, OH	Hamilton, OH	cold	9	Lawrence, IN	3.0	8.5	95.1	64.2
Cincinnati, OH	Hamilton, OH	cold	9	Lawrence, OH	9.5	5.4	53.3	8.1
Cincinnati, OH	Hamilton, OH	cold	9	Lewis, KY	2.0	2.0	41.8	7.0
Cincinnati, OH	Hamilton, OH	cold	9	Licking, OH	10.7	16.4	105.2	10.8
Cincinnati, OH	Hamilton, OH	cold	9	Logan, OH	3.2	6.4	31.1	2.6
Cincinnati, OH	Hamilton, OH	cold	9	Madison, IN	3.7	16.5	76.8	19.3
Cincinnati, OH	Hamilton, OH	cold	9	Madison, KY	3.7	5.0	70.0	16.0
Cincinnati, OH	Hamilton, OH	cold	9	Madison, OH	2.5	9.3	44.1	2.7
Cincinnati, OH	Hamilton, OH	cold	9	Marion, IN	17.6	66.0	533.1	861.8
Cincinnati, OH	Hamilton, OH	cold	9	Marion, OH	3.4	8.1	48.4	9.2
Cincinnati, OH	Hamilton, OH	cold	9	Mason, KY	2.8	22.5	158.5	581.4
Cincinnati, OH	Hamilton, OH	cold	9	Mercer, KY	3.6	26.6	103.7	611.9
Cincinnati, OH	Hamilton, OH	cold	9	Mercer, OH	2.6	8.4	22.3	2.1
Cincinnati, OH	Hamilton, OH	cold	9	Miami, OH	3.2	8.5	56.4	4.3
Cincinnati, OH	Hamilton, OH	cold	9	Monroe, IN	4.1	11.3	54.0	56.3
Cincinnati, OH	Hamilton, OH	cold	9	Montgomery, KY	1.7	2.8	18.6	4.9
Cincinnati, OH	Hamilton, OH	cold	9	Montgomery, OH	9.0	12.2	298.7	134.0
Cincinnati, OH	Hamilton, OH	cold	9	Nicholas, KY	0.5	1.1	3.4	0.5
Cincinnati, OH	Hamilton, OH	cold	9	Ohio, IN	0.4	1.2	9.1	1.4
Cincinnati, OH	Hamilton, OH	cold	9	Oldham, KY	3.1	4.9	46.8	7.1
Cincinnati, OH	Hamilton, OH	cold	9	Owen, KY	1.0	1.5	8.0	0.8
Cincinnati, OH	Hamilton, OH	cold	9	Pendleton, KY	1.4	2.4	47.6	7.1
Cincinnati, OH	Hamilton, OH	cold	9	Pickaway, OH	3.3	13.1	71.1	96.2
Cincinnati, OH	Hamilton, OH	cold	9	Pike, OH	3.6	4.1	26.5	33.8
Cincinnati, OH	Hamilton, OH	cold	9	Preble, OH	3.2	7.1	38.7	2.4
Cincinnati, OH	Hamilton, OH	cold	9	Randolph, IN	2.5	10.7	36.6	9.7
Cincinnati, OH	Hamilton, OH	cold	9	Ripley, IN	2.2	6.8	27.1	6.3
Cincinnati, OH	Hamilton, OH	cold	9	Robertson, KY	0.2	0.7	1.0	0.1
Cincinnati, OH	Hamilton, OH	cold	9	Ross, OH	4.8	7.9	95.2	345.6
Cincinnati, OH	Hamilton, OH	cold	9	Rowan, KY	1.9	2.0	22.2	3.8
Cincinnati, OH	Hamilton, OH	cold	9	Rush, IN	1.4	9.8	16.9	3.1
Cincinnati, OH	Hamilton, OH	cold	9	Scioto, OH	5.9	4.8	70.5	7.9
Cincinnati, OH	Hamilton, OH	cold	9	Scott, IN	1.6	3.9	19.3	4.5
Cincinnati, OH	Hamilton, OH	cold	9	Scott, KY	2.8	5.3	55.6	16.2
Cincinnati, OH	Hamilton, OH	cold	9	Shelby, IN	3.4	15.1	63.8	10.9
Cincinnati, OH	Hamilton, OH	cold	9	Shelby, KY	3.2	4.8	37.6	8.6
Cincinnati, OH	Hamilton, OH	cold	9	Shelby, OH	3.1	6.4	45.0	8.2
Cincinnati, OH	Hamilton, OH	cold	9	Switzerland, IN	1.1	1.8	22.9	4.0
Cincinnati, OH	Hamilton, OH	cold	9	Trimble, KY	1.6	6.0	73.7	78.8
Cincinnati, OH	Hamilton, OH	cold	9	Union, IN	0.7	3.3	10.2	1.0
Cincinnati, OH	Hamilton, OH	cold	9	Union, OH	4.4	10.0	33.9	3.0
Cincinnati, OH	Hamilton, OH	cold	9	Van Wert, OH	1.9	7.8	23.6	17.5
Cincinnati, OH	Hamilton, OH	cold	9	Vinton, OH	1.2	1.5	6.7	1.0
Cincinnati, OH	Hamilton, OH	cold	9	Warren, OH	7.6	10.6	102.5	8.0
Cincinnati, OH	Hamilton, OH	cold	9	Washington, IN	2.3	5.8	19.4	5.1
Cincinnati, OH	Hamilton, OH	cold	9	Wayne, IN	3.3	20.7	70.7	182.0
Cincinnati, OH	Hamilton, OH	cold	9	Wells, IN	1.8	10.7	21.7	5.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Cincinnati, OH	Hamilton, OH	cold	9	Woodford, KY	1.4	4.3	43.7	52.8
Cincinnati, OH	Hamilton, OH	warm	56	Adams, IN	16.8	81.6	206.1	121.8
Cincinnati, OH	Hamilton, OH	warm	56	Adams, OH	48.4	466.6	3315.9	12384.0
Cincinnati, OH	Hamilton, OH	warm	56	Anderson, KY	10.2	16.5	80.4	25.1
Cincinnati, OH	Hamilton, OH	warm	56	Auglaize, OH	18.3	44.3	277.5	211.4
Cincinnati, OH	Hamilton, OH	warm	56	Bartholomew, IN	22.2	90.0	327.3	139.9
Cincinnati, OH	Hamilton, OH	warm	56	Bath, KY	6.9	11.4	122.5	8.4
Cincinnati, OH	Hamilton, OH	warm	56	Blackford, IN	5.6	23.7	72.6	21.8
Cincinnati, OH	Hamilton, OH	warm	56	Boone, KY	60.2	91.9	1063.9	527.7
Cincinnati, OH	Hamilton, OH	warm	56	Bourbon, KY	8.3	19.3	124.6	22.3
Cincinnati, OH	Hamilton, OH	warm	56	Bracken, KY	4.8	8.5	48.3	5.2
Cincinnati, OH	Hamilton, OH	warm	56	Brown, IN	9.6	13.5	68.1	5.6
Cincinnati, OH	Hamilton, OH	warm	56	Brown, OH	24.4	39.5	257.0	32.6
Cincinnati, OH	Hamilton, OH	warm	56	Butler, OH	55.2	143.1	1633.4	1042.8
Cincinnati, OH	Hamilton, OH	warm	56	Campbell, KY	17.6	21.2	414.8	71.7
Cincinnati, OH	Hamilton, OH	warm	56	Carroll, KY	24.9	203.8	1710.1	4985.9
Cincinnati, OH	Hamilton, OH	warm	56	Carter, KY	14.2	21.6	231.9	15.7
Cincinnati, OH	Hamilton, OH	warm	56	Champaign, OH	16.4	41.2	149.1	12.8
Cincinnati, OH	Hamilton, OH	warm	56	Clark, IN	33.1	89.4	563.7	396.4
Cincinnati, OH	Hamilton, OH	warm	56	Clark, KY	19.5	59.4	629.9	1086.2
Cincinnati, OH	Hamilton, OH	warm	56	Clark, OH	28.2	62.4	542.5	41.8
Cincinnati, OH	Hamilton, OH	warm	56	Clermont, OH	71.9	402.5	3504.7	8857.0
Cincinnati, OH	Hamilton, OH	warm	56	Clinton, OH	21.5	43.8	268.5	19.5
Cincinnati, OH	Hamilton, OH	warm	56	Darke, OH	23.6	79.6	242.5	21.2
Cincinnati, OH	Hamilton, OH	warm	56	Dearborn, IN	28.3	212.9	1262.9	4696.9
Cincinnati, OH	Hamilton, OH	warm	56	Decatur, IN	14.1	79.6	227.9	62.3
Cincinnati, OH	Hamilton, OH	warm	56	Delaware, IN	22.9	85.4	491.4	211.1
Cincinnati, OH	Hamilton, OH	warm	56	Delaware, OH	50.4	83.8	666.9	56.9
Cincinnati, OH	Hamilton, OH	warm	56	Fairfield, OH	38.2	67.2	582.5	44.1
Cincinnati, OH	Hamilton, OH	warm	56	Fayette, IN	8.3	41.5	116.2	47.4
Cincinnati, OH	Hamilton, OH	warm	56	Fayette, KY	47.4	68.3	906.6	314.9
Cincinnati, OH	Hamilton, OH	warm	56	Fayette, OH	14.2	46.2	215.8	15.2
Cincinnati, OH	Hamilton, OH	warm	56	Fleming, KY	7.5	11.7	48.3	9.9
Cincinnati, OH	Hamilton, OH	warm	56	Floyd, IN	28.0	251.3	800.8	5637.1
Cincinnati, OH	Hamilton, OH	warm	56	Franklin, IN	11.5	31.6	120.0	16.0
Cincinnati, OH	Hamilton, OH	warm	56	Franklin, KY	13.7	20.1	210.5	52.2
Cincinnati, OH	Hamilton, OH	warm	56	Franklin, OH	130.1	98.8	3696.7	401.4
Cincinnati, OH	Hamilton, OH	warm	56	Gallatin, KY	8.2	19.2	217.7	36.4
Cincinnati, OH	Hamilton, OH	warm	56	Grant, KY	15.7	16.1	267.9	26.2
Cincinnati, OH	Hamilton, OH	warm	56	Greene, OH	25.9	65.4	833.2	176.3
Cincinnati, OH	Hamilton, OH	warm	56	Greenup, KY	14.7	15.4	402.1	214.0
Cincinnati, OH	Hamilton, OH	warm	56	Hamilton, IN	42.3	126.6	783.1	120.2
Cincinnati, OH	Hamilton, OH	warm	56	Hamilton, OH	122.0	444.1	4907.8	8641.1
Cincinnati, OH	Hamilton, OH	warm	56	Hancock, IN	16.7	74.2	308.3	42.2
Cincinnati, OH	Hamilton, OH	warm	56	Hardin, OH	15.1	48.3	166.9	15.0
Cincinnati, OH	Hamilton, OH	warm	56	Harrison, KY	10.3	15.6	150.8	25.6
Cincinnati, OH	Hamilton, OH	warm	56	Henry, IN	17.2	91.7	323.2	44.5
Cincinnati, OH	Hamilton, OH	warm	56	Henry, KY	10.4	20.2	128.6	14.1
Cincinnati, OH	Hamilton, OH	warm	56	Highland, OH	21.5	39.2	151.8	12.9
Cincinnati, OH	Hamilton, OH	warm	56	Hocking, OH	16.1	18.5	210.2	22.6
Cincinnati, OH	Hamilton, OH	warm	56	Jackson, IN	22.4	61.1	331.1	79.6
Cincinnati, OH	Hamilton, OH	warm	56	Jackson, OH	16.7	18.2	101.1	14.6
Cincinnati, OH	Hamilton, OH	warm	56	Jay, IN	10.9	64.1	133.7	64.0
Cincinnati, OH	Hamilton, OH	warm	56	Jefferson, IN	16.5	95.3	2472.0	7384.2
Cincinnati, OH	Hamilton, OH	warm	56	Jefferson, KY	267.3	279.3	5749.3	5202.6
Cincinnati, OH	Hamilton, OH	warm	56	Jennings, IN	56.4	96.5	622.8	761.1
Cincinnati, OH	Hamilton, OH	warm	56	Jessamine, KY	17.7	26.6	189.8	38.3
Cincinnati, OH	Hamilton, OH	warm	56	Johnson, IN	21.7	82.8	461.1	92.6
Cincinnati, OH	Hamilton, OH	warm	56	Kenton, KY	26.4	25.1	619.2	127.4
Cincinnati, OH	Hamilton, OH	warm	56	Lawrence, IN	21.0	58.8	658.9	444.9
Cincinnati, OH	Hamilton, OH	warm	56	Lawrence, OH	65.9	37.6	369.5	56.2
Cincinnati, OH	Hamilton, OH	warm	56	Lewis, KY	13.6	14.0	289.3	48.2
Cincinnati, OH	Hamilton, OH	warm	56	Licking, OH	74.3	113.9	729.1	75.1
Cincinnati, OH	Hamilton, OH	warm	56	Logan, OH	22.5	44.7	215.2	17.9
Cincinnati, OH	Hamilton, OH	warm	56	Madison, IN	25.7	114.3	532.0	133.8
Cincinnati, OH	Hamilton, OH	warm	56	Madison, KY	25.5	34.8	485.1	111.2
Cincinnati, OH	Hamilton, OH	warm	56	Madison, OH	17.3	64.4	305.9	18.7
Cincinnati, OH	Hamilton, OH	warm	56	Marion, IN	122.1	457.5	3693.4	5970.4
Cincinnati, OH	Hamilton, OH	warm	56	Marion, OH	23.8	56.3	335.3	64.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Cincinnati, OH	Hamilton, OH	warm	56	Mason, KY	19.6	155.7	1098.0	4028.2
Cincinnati, OH	Hamilton, OH	warm	56	Mercer, KY	24.7	184.5	718.6	4239.3
Cincinnati, OH	Hamilton, OH	warm	56	Mercer, OH	18.0	58.3	154.7	14.4
Cincinnati, OH	Hamilton, OH	warm	56	Miami, OH	21.9	59.2	390.9	29.5
Cincinnati, OH	Hamilton, OH	warm	56	Monroe, IN	28.6	78.1	373.9	389.9
Cincinnati, OH	Hamilton, OH	warm	56	Montgomery, KY	12.0	19.6	128.7	34.1
Cincinnati, OH	Hamilton, OH	warm	56	Montgomery, OH	62.4	84.6	2069.5	928.3
Cincinnati, OH	Hamilton, OH	warm	56	Nicholas, KY	3.5	7.6	23.5	3.6
Cincinnati, OH	Hamilton, OH	warm	56	Ohio, IN	2.8	8.3	62.7	10.0
Cincinnati, OH	Hamilton, OH	warm	56	Oldham, KY	21.5	34.0	324.1	49.4
Cincinnati, OH	Hamilton, OH	warm	56	Owen, KY	7.2	10.2	55.8	5.5
Cincinnati, OH	Hamilton, OH	warm	56	Pendleton, KY	9.9	16.8	329.5	48.9
Cincinnati, OH	Hamilton, OH	warm	56	Pickaway, OH	22.8	90.5	492.3	666.4
Cincinnati, OH	Hamilton, OH	warm	56	Pike, OH	25.2	28.5	183.7	234.1
Cincinnati, OH	Hamilton, OH	warm	56	Preble, OH	21.9	49.5	268.4	16.6
Cincinnati, OH	Hamilton, OH	warm	56	Randolph, IN	17.4	73.9	253.4	67.1
Cincinnati, OH	Hamilton, OH	warm	56	Ripley, IN	14.9	47.4	187.6	43.6
Cincinnati, OH	Hamilton, OH	warm	56	Robertson, KY	1.2	4.8	7.2	0.6
Cincinnati, OH	Hamilton, OH	warm	56	Ross, OH	33.3	54.6	659.3	2394.5
Cincinnati, OH	Hamilton, OH	warm	56	Rowan, KY	13.2	13.5	153.9	26.3
Cincinnati, OH	Hamilton, OH	warm	56	Rush, IN	9.6	67.9	116.8	21.5
Cincinnati, OH	Hamilton, OH	warm	56	Scioto, OH	40.8	32.9	488.4	54.4
Cincinnati, OH	Hamilton, OH	warm	56	Scott, IN	10.9	27.4	133.8	31.1
Cincinnati, OH	Hamilton, OH	warm	56	Scott, KY	19.5	36.7	385.3	112.2
Cincinnati, OH	Hamilton, OH	warm	56	Shelby, IN	23.4	104.7	442.3	75.3
Cincinnati, OH	Hamilton, OH	warm	56	Shelby, KY	22.2	33.1	260.5	59.8
Cincinnati, OH	Hamilton, OH	warm	56	Shelby, OH	21.8	44.3	311.7	57.0
Cincinnati, OH	Hamilton, OH	warm	56	Switzerland, IN	7.5	12.3	158.5	27.8
Cincinnati, OH	Hamilton, OH	warm	56	Trimble, KY	10.9	41.3	510.4	546.1
Cincinnati, OH	Hamilton, OH	warm	56	Union, IN	4.6	23.0	70.4	7.1
Cincinnati, OH	Hamilton, OH	warm	56	Union, OH	30.5	69.0	234.6	21.0
Cincinnati, OH	Hamilton, OH	warm	56	Van Wert, OH	12.8	54.2	163.2	121.0
Cincinnati, OH	Hamilton, OH	warm	56	Vinton, OH	8.2	10.1	46.7	7.2
Cincinnati, OH	Hamilton, OH	warm	56	Warren, OH	52.5	73.7	710.2	55.7
Cincinnati, OH	Hamilton, OH	warm	56	Washington, IN	15.9	40.1	134.7	35.4
Cincinnati, OH	Hamilton, OH	warm	56	Wayne, IN	22.9	143.3	489.5	1261.0
Cincinnati, OH	Hamilton, OH	warm	56	Wells, IN	12.2	74.4	150.7	40.0
Cincinnati, OH	Hamilton, OH	warm	56	Woodford, KY	9.5	29.8	302.7	365.7
Clarksville, TN	Montgomery, TN	cold	2	Alcorn, MS	1.5	2.6	31.5	2.5
Clarksville, TN	Montgomery, TN	cold	2	Allen, KY	0.8	1.1	6.3	2.0
Clarksville, TN	Montgomery, TN	cold	2	Ballard, KY	1.3	3.0	26.3	8.7
Clarksville, TN	Montgomery, TN	cold	2	Barren, KY	2.4	3.6	23.1	5.8
Clarksville, TN	Montgomery, TN	cold	2	Bedford, TN	2.2	3.9	16.3	5.0
Clarksville, TN	Montgomery, TN	cold	2	Benton, TN	1.2	1.1	18.6	2.3
Clarksville, TN	Montgomery, TN	cold	2	Breckinridge, KY	1.3	2.0	22.6	3.2
Clarksville, TN	Montgomery, TN	cold	2	Butler, KY	0.7	1.5	5.6	1.8
Clarksville, TN	Montgomery, TN	cold	2	Caldwell, KY	0.7	2.4	5.6	1.1
Clarksville, TN	Montgomery, TN	cold	2	Calloway, KY	1.8	3.0	18.8	5.0
Clarksville, TN	Montgomery, TN	cold	2	Cannon, TN	0.6	0.9	3.0	0.4
Clarksville, TN	Montgomery, TN	cold	2	Carlisle, KY	0.6	1.2	13.6	2.2
Clarksville, TN	Montgomery, TN	cold	2	Carroll, TN	2.4	4.4	12.4	2.4
Clarksville, TN	Montgomery, TN	cold	2	Cheatham, TN	2.2	2.3	20.5	3.1
Clarksville, TN	Montgomery, TN	cold	2	Chester, TN	0.6	0.9	4.7	0.7
Clarksville, TN	Montgomery, TN	cold	2	Christian, KY	2.3	4.5	37.2	8.1
Clarksville, TN	Montgomery, TN	cold	2	Clay, TN	1.5	1.7	3.4	0.8
Clarksville, TN	Montgomery, TN	cold	2	Clinton, KY	0.7	1.0	4.9	2.7
Clarksville, TN	Montgomery, TN	cold	2	Coffee, TN	2.0	2.1	37.0	6.1
Clarksville, TN	Montgomery, TN	cold	2	Crittenden, KY	0.8	1.0	18.0	3.5
Clarksville, TN	Montgomery, TN	cold	2	Crockett, TN	0.9	4.3	7.2	1.2
Clarksville, TN	Montgomery, TN	cold	2	Cumberland, KY	0.4	0.7	2.4	0.5
Clarksville, TN	Montgomery, TN	cold	2	Davidson, TN	11.1	6.8	338.3	90.1
Clarksville, TN	Montgomery, TN	cold	2	Daviess, KY	3.5	9.2	112.1	71.7
Clarksville, TN	Montgomery, TN	cold	2	De Kalb, TN	1.7	2.8	6.3	1.9
Clarksville, TN	Montgomery, TN	cold	2	Decatur, TN	1.0	1.3	13.9	2.2
Clarksville, TN	Montgomery, TN	cold	2	Dickson, TN	2.8	5.3	30.3	4.1
Clarksville, TN	Montgomery, TN	cold	2	Dyer, TN	2.5	6.2	37.1	11.1
Clarksville, TN	Montgomery, TN	cold	2	Edmonson, KY	0.7	0.8	5.5	0.4
Clarksville, TN	Montgomery, TN	cold	2	Franklin, TN	2.1	2.6	12.8	2.2
Clarksville, TN	Montgomery, TN	cold	2	Fulton, KY	1.6	2.2	19.6	4.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Clarksville, TN	Montgomery, TN	cold	2	Gallatin, IL	0.7	3.6	9.4	1.4
Clarksville, TN	Montgomery, TN	cold	2	Gibson, TN	1.8	5.8	17.9	5.8
Clarksville, TN	Montgomery, TN	cold	2	Giles, TN	2.5	5.2	22.6	3.5
Clarksville, TN	Montgomery, TN	cold	2	Graves, KY	2.6	4.8	16.4	3.9
Clarksville, TN	Montgomery, TN	cold	2	Grayson, KY	1.3	2.3	9.3	3.3
Clarksville, TN	Montgomery, TN	cold	2	Grundy, TN	0.8	0.9	7.6	0.5
Clarksville, TN	Montgomery, TN	cold	2	Hancock, KY	3.2	33.7	80.4	610.4
Clarksville, TN	Montgomery, TN	cold	2	Hardeman, TN	1.6	3.1	21.9	8.1
Clarksville, TN	Montgomery, TN	cold	2	Hardin, IL	0.4	1.1	10.8	1.9
Clarksville, TN	Montgomery, TN	cold	2	Hardin, KY	3.4	4.9	44.5	11.4
Clarksville, TN	Montgomery, TN	cold	2	Hardin, TN	1.8	3.2	41.1	30.7
Clarksville, TN	Montgomery, TN	cold	2	Hart, KY	1.3	1.5	16.2	1.6
Clarksville, TN	Montgomery, TN	cold	2	Haywood, TN	1.5	5.8	41.0	2.5
Clarksville, TN	Montgomery, TN	cold	2	Henderson, KY	2.5	7.7	52.1	81.2
Clarksville, TN	Montgomery, TN	cold	2	Henderson, TN	1.6	1.8	26.8	4.0
Clarksville, TN	Montgomery, TN	cold	2	Henry, TN	2.0	2.9	25.1	3.9
Clarksville, TN	Montgomery, TN	cold	2	Hickman, KY	1.0	1.9	16.1	2.7
Clarksville, TN	Montgomery, TN	cold	2	Hickman, TN	1.4	1.4	31.8	1.0
Clarksville, TN	Montgomery, TN	cold	2	Hopkins, KY	1.6	3.1	29.0	4.5
Clarksville, TN	Montgomery, TN	cold	2	Houston, TN	0.5	0.7	7.7	1.4
Clarksville, TN	Montgomery, TN	cold	2	Humphreys, TN	5.8	47.5	219.2	733.6
Clarksville, TN	Montgomery, TN	cold	2	Jackson, TN	0.6	0.8	3.2	0.7
Clarksville, TN	Montgomery, TN	cold	2	Lake, TN	2.1	3.8	24.3	4.4
Clarksville, TN	Montgomery, TN	cold	2	Lauderdale, AL	2.5	5.0	33.7	14.3
Clarksville, TN	Montgomery, TN	cold	2	Lawrence, TN	2.0	3.8	11.3	4.4
Clarksville, TN	Montgomery, TN	cold	2	Lewis, TN	0.4	0.6	2.3	0.5
Clarksville, TN	Montgomery, TN	cold	2	Limestone, AL	3.5	7.3	43.2	7.6
Clarksville, TN	Montgomery, TN	cold	2	Lincoln, TN	1.8	2.3	12.7	3.1
Clarksville, TN	Montgomery, TN	cold	2	Livingston, KY	1.1	1.8	20.3	3.2
Clarksville, TN	Montgomery, TN	cold	2	Logan, KY	1.7	4.2	13.1	4.5
Clarksville, TN	Montgomery, TN	cold	2	Lyon, KY	0.9	1.3	16.2	1.3
Clarksville, TN	Montgomery, TN	cold	2	Macon, TN	0.9	1.2	18.6	1.3
Clarksville, TN	Montgomery, TN	cold	2	Madison, AL	8.6	9.2	105.8	52.1
Clarksville, TN	Montgomery, TN	cold	2	Madison, TN	5.3	17.0	61.5	14.2
Clarksville, TN	Montgomery, TN	cold	2	Marshall, KY	2.5	3.7	29.4	20.0
Clarksville, TN	Montgomery, TN	cold	2	Marshall, TN	1.6	2.5	20.6	6.1
Clarksville, TN	Montgomery, TN	cold	2	Massac, IL	1.5	15.8	116.7	253.6
Clarksville, TN	Montgomery, TN	cold	2	Maury, TN	4.6	15.4	49.1	10.7
Clarksville, TN	Montgomery, TN	cold	2	Mc Nairy, TN	1.3	1.9	10.4	2.3
Clarksville, TN	Montgomery, TN	cold	2	McCracken, KY	2.8	8.9	234.0	367.5
Clarksville, TN	Montgomery, TN	cold	2	McLean, KY	0.9	2.1	4.6	0.6
Clarksville, TN	Montgomery, TN	cold	2	Meade, KY	1.8	2.2	33.2	6.3
Clarksville, TN	Montgomery, TN	cold	2	Metcalfe, KY	0.7	1.7	5.2	1.8
Clarksville, TN	Montgomery, TN	cold	2	Mississippi, MO	3.9	6.9	42.1	6.4
Clarksville, TN	Montgomery, TN	cold	2	Monroe, KY	0.7	1.2	3.6	1.4
Clarksville, TN	Montgomery, TN	cold	2	Montgomery, TN	4.6	8.2	52.4	20.3
Clarksville, TN	Montgomery, TN	cold	2	Moore, TN	1.0	1.6	5.3	1.5
Clarksville, TN	Montgomery, TN	cold	2	Muhlenberg, KY	3.2	28.2	368.8	951.2
Clarksville, TN	Montgomery, TN	cold	2	Obion, TN	2.4	5.7	26.4	5.9
Clarksville, TN	Montgomery, TN	cold	2	Ohio, KY	1.5	5.1	67.9	106.0
Clarksville, TN	Montgomery, TN	cold	2	Overton, TN	0.9	1.1	5.6	1.1
Clarksville, TN	Montgomery, TN	cold	2	Perry, IN	1.3	2.4	28.5	5.6
Clarksville, TN	Montgomery, TN	cold	2	Perry, TN	0.6	0.7	10.9	2.2
Clarksville, TN	Montgomery, TN	cold	2	Pickett, TN	0.3	0.6	1.7	0.5
Clarksville, TN	Montgomery, TN	cold	2	Pope, IL	0.5	0.9	11.5	2.0
Clarksville, TN	Montgomery, TN	cold	2	Posey, IN	1.8	11.8	114.7	137.1
Clarksville, TN	Montgomery, TN	cold	2	Pulaski, IL	0.9	2.3	12.9	3.3
Clarksville, TN	Montgomery, TN	cold	2	Putnam, TN	2.4	2.4	37.4	8.9
Clarksville, TN	Montgomery, TN	cold	2	Robertson, TN	2.7	3.8	36.5	5.3
Clarksville, TN	Montgomery, TN	cold	2	Rutherford, TN	7.4	7.8	82.4	19.5
Clarksville, TN	Montgomery, TN	cold	2	Saline, IL	1.3	4.5	17.7	1.2
Clarksville, TN	Montgomery, TN	cold	2	Simpson, KY	0.8	2.1	13.7	3.9
Clarksville, TN	Montgomery, TN	cold	2	Smith, TN	1.1	1.3	19.1	2.2
Clarksville, TN	Montgomery, TN	cold	2	Spencer, IN	1.9	11.5	227.4	638.7
Clarksville, TN	Montgomery, TN	cold	2	Stewart, TN	2.4	19.3	271.5	167.5
Clarksville, TN	Montgomery, TN	cold	2	Sumner, TN	4.9	13.1	141.5	256.0
Clarksville, TN	Montgomery, TN	cold	2	Tishomingo, MS	0.8	1.3	14.0	2.0
Clarksville, TN	Montgomery, TN	cold	2	Todd, KY	1.0	1.9	7.9	1.8
Clarksville, TN	Montgomery, TN	cold	2	Trigg, KY	2.4	2.6	12.6	2.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Clarksville, TN	Montgomery, TN	cold	2	Trousdale, TN	0.4	0.7	4.3	0.7
Clarksville, TN	Montgomery, TN	cold	2	Union, KY	1.3	3.3	16.6	3.4
Clarksville, TN	Montgomery, TN	cold	2	Vanderburgh, IN	2.9	10.9	66.5	19.1
Clarksville, TN	Montgomery, TN	cold	2	Warren, KY	3.7	5.9	34.9	11.0
Clarksville, TN	Montgomery, TN	cold	2	Warren, TN	2.7	3.2	11.3	5.0
Clarksville, TN	Montgomery, TN	cold	2	Warrick, IN	5.1	64.8	172.6	870.0
Clarksville, TN	Montgomery, TN	cold	2	Wayne, TN	1.8	1.9	11.5	2.3
Clarksville, TN	Montgomery, TN	cold	2	Weakley, TN	2.5	4.6	12.6	3.9
Clarksville, TN	Montgomery, TN	cold	2	Webster, KY	1.6	7.7	114.5	155.5
Clarksville, TN	Montgomery, TN	cold	2	White, TN	1.1	1.4	7.4	2.5
Clarksville, TN	Montgomery, TN	cold	2	Williamson, TN	5.3	5.2	62.5	10.0
Clarksville, TN	Montgomery, TN	cold	2	Wilson, TN	3.4	3.6	50.4	7.0
Clarksville, TN	Montgomery, TN	warm	15	Alcorn, MS	15.1	27.2	327.5	26.2
Clarksville, TN	Montgomery, TN	warm	15	Allen, KY	8.6	11.6	65.7	20.6
Clarksville, TN	Montgomery, TN	warm	15	Ballard, KY	13.7	30.8	273.0	90.9
Clarksville, TN	Montgomery, TN	warm	15	Barren, KY	24.6	37.8	240.4	60.3
Clarksville, TN	Montgomery, TN	warm	15	Bedford, TN	23.0	40.2	169.8	52.4
Clarksville, TN	Montgomery, TN	warm	15	Benton, TN	12.1	11.0	193.7	23.7
Clarksville, TN	Montgomery, TN	warm	15	Breckinridge, KY	13.5	20.9	234.7	33.3
Clarksville, TN	Montgomery, TN	warm	15	Butler, KY	7.2	15.5	57.7	18.6
Clarksville, TN	Montgomery, TN	warm	15	Caldwell, KY	7.6	24.7	58.2	11.3
Clarksville, TN	Montgomery, TN	warm	15	Calloway, KY	19.0	31.2	195.5	52.4
Clarksville, TN	Montgomery, TN	warm	15	Cannon, TN	5.8	9.7	31.3	3.9
Clarksville, TN	Montgomery, TN	warm	15	Carlisle, KY	6.6	12.1	141.2	22.8
Clarksville, TN	Montgomery, TN	warm	15	Carroll, TN	25.4	45.9	128.9	25.3
Clarksville, TN	Montgomery, TN	warm	15	Cheatham, TN	22.9	23.4	213.0	31.9
Clarksville, TN	Montgomery, TN	warm	15	Chester, TN	5.9	9.5	48.7	7.3
Clarksville, TN	Montgomery, TN	warm	15	Christian, KY	23.7	46.5	386.9	83.7
Clarksville, TN	Montgomery, TN	warm	15	Clay, TN	15.2	18.1	35.5	7.8
Clarksville, TN	Montgomery, TN	warm	15	Clinton, KY	7.1	10.7	51.2	28.5
Clarksville, TN	Montgomery, TN	warm	15	Coffee, TN	21.0	22.3	384.7	63.9
Clarksville, TN	Montgomery, TN	warm	15	Crittenden, KY	8.1	10.3	187.0	36.5
Clarksville, TN	Montgomery, TN	warm	15	Crockett, TN	9.7	44.3	74.9	12.2
Clarksville, TN	Montgomery, TN	warm	15	Cumberland, KY	4.7	7.2	24.7	5.0
Clarksville, TN	Montgomery, TN	warm	15	Davidson, TN	115.5	70.9	3515.6	936.2
Clarksville, TN	Montgomery, TN	warm	15	Daviess, KY	36.0	96.0	1164.7	745.6
Clarksville, TN	Montgomery, TN	warm	15	De Kalb, TN	17.1	28.8	65.4	19.4
Clarksville, TN	Montgomery, TN	warm	15	Decatur, TN	10.4	13.8	144.8	22.5
Clarksville, TN	Montgomery, TN	warm	15	Dickson, TN	29.6	55.6	314.9	42.4
Clarksville, TN	Montgomery, TN	warm	15	Dyer, TN	25.5	64.3	385.5	115.2
Clarksville, TN	Montgomery, TN	warm	15	Edmonson, KY	6.9	8.3	56.8	4.1
Clarksville, TN	Montgomery, TN	warm	15	Franklin, TN	21.5	26.8	132.5	22.5
Clarksville, TN	Montgomery, TN	warm	15	Fulton, KY	16.3	22.6	203.5	41.6
Clarksville, TN	Montgomery, TN	warm	15	Gallatin, IL	7.0	36.9	97.7	14.3
Clarksville, TN	Montgomery, TN	warm	15	Gibson, TN	19.1	59.9	186.3	60.3
Clarksville, TN	Montgomery, TN	warm	15	Giles, TN	26.2	54.2	234.9	36.8
Clarksville, TN	Montgomery, TN	warm	15	Graves, KY	27.3	50.1	170.1	40.5
Clarksville, TN	Montgomery, TN	warm	15	Grayson, KY	13.3	23.8	96.9	34.7
Clarksville, TN	Montgomery, TN	warm	15	Grundy, TN	7.9	9.4	78.6	4.8
Clarksville, TN	Montgomery, TN	warm	15	Hancock, KY	33.6	349.8	835.3	6343.1
Clarksville, TN	Montgomery, TN	warm	15	Hardeman, TN	16.9	31.9	228.0	84.6
Clarksville, TN	Montgomery, TN	warm	15	Hardin, IL	4.7	11.0	112.4	19.8
Clarksville, TN	Montgomery, TN	warm	15	Hardin, KY	35.1	50.4	462.2	118.3
Clarksville, TN	Montgomery, TN	warm	15	Hardin, TN	19.0	33.0	426.8	319.5
Clarksville, TN	Montgomery, TN	warm	15	Hart, KY	13.3	15.2	168.0	16.2
Clarksville, TN	Montgomery, TN	warm	15	Haywood, TN	16.0	60.1	425.7	25.9
Clarksville, TN	Montgomery, TN	warm	15	Henderson, KY	26.1	80.2	541.7	844.3
Clarksville, TN	Montgomery, TN	warm	15	Henderson, TN	17.1	18.6	278.9	41.9
Clarksville, TN	Montgomery, TN	warm	15	Henry, TN	20.3	30.0	260.8	40.3
Clarksville, TN	Montgomery, TN	warm	15	Hickman, KY	10.5	19.7	167.3	28.0
Clarksville, TN	Montgomery, TN	warm	15	Hickman, TN	15.0	14.5	330.4	10.4
Clarksville, TN	Montgomery, TN	warm	15	Hopkins, KY	17.0	32.0	301.8	46.5
Clarksville, TN	Montgomery, TN	warm	15	Houston, TN	5.1	6.8	79.9	14.8
Clarksville, TN	Montgomery, TN	warm	15	Humphreys, TN	60.5	493.7	2278.2	7624.0
Clarksville, TN	Montgomery, TN	warm	15	Jackson, TN	6.3	8.8	32.8	6.8
Clarksville, TN	Montgomery, TN	warm	15	Lake, TN	22.3	39.9	252.3	46.0
Clarksville, TN	Montgomery, TN	warm	15	Lauderdale, AL	26.4	52.3	350.7	149.0
Clarksville, TN	Montgomery, TN	warm	15	Lawrence, TN	21.2	39.7	117.6	45.3
Clarksville, TN	Montgomery, TN	warm	15	Lewis, TN	4.3	6.5	24.1	5.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Clarksville, TN	Montgomery, TN	warm	15	Limestone, AL	35.9	76.0	449.1	78.8
Clarksville, TN	Montgomery, TN	warm	15	Lincoln, TN	18.6	23.8	132.2	31.7
Clarksville, TN	Montgomery, TN	warm	15	Livingston, KY	11.9	18.3	211.3	33.0
Clarksville, TN	Montgomery, TN	warm	15	Logan, KY	18.1	44.0	136.1	46.6
Clarksville, TN	Montgomery, TN	warm	15	Lyon, KY	9.5	13.0	168.1	13.8
Clarksville, TN	Montgomery, TN	warm	15	Macon, TN	9.4	13.0	193.0	13.7
Clarksville, TN	Montgomery, TN	warm	15	Madison, AL	89.4	95.8	1099.5	541.2
Clarksville, TN	Montgomery, TN	warm	15	Madison, TN	55.3	176.4	638.9	147.7
Clarksville, TN	Montgomery, TN	warm	15	Marshall, KY	26.3	38.7	305.7	208.2
Clarksville, TN	Montgomery, TN	warm	15	Marshall, TN	16.5	26.2	214.3	63.6
Clarksville, TN	Montgomery, TN	warm	15	Massac, IL	15.6	164.4	1212.7	2635.7
Clarksville, TN	Montgomery, TN	warm	15	Maury, TN	47.5	160.4	510.3	111.0
Clarksville, TN	Montgomery, TN	warm	15	Mc Nairy, TN	13.7	19.4	107.7	24.1
Clarksville, TN	Montgomery, TN	warm	15	McCracken, KY	28.7	92.0	2431.7	3819.2
Clarksville, TN	Montgomery, TN	warm	15	McLean, KY	9.2	22.3	47.4	6.2
Clarksville, TN	Montgomery, TN	warm	15	Meade, KY	18.3	23.2	344.8	65.2
Clarksville, TN	Montgomery, TN	warm	15	Metcalfe, KY	7.6	17.4	53.8	19.2
Clarksville, TN	Montgomery, TN	warm	15	Mississippi, MO	40.9	71.8	437.7	66.0
Clarksville, TN	Montgomery, TN	warm	15	Monroe, KY	6.8	12.1	37.0	14.2
Clarksville, TN	Montgomery, TN	warm	15	Montgomery, TN	47.4	85.6	544.6	211.4
Clarksville, TN	Montgomery, TN	warm	15	Moore, TN	9.9	16.9	55.4	16.0
Clarksville, TN	Montgomery, TN	warm	15	Muhlenberg, KY	33.0	293.4	3833.0	9885.1
Clarksville, TN	Montgomery, TN	warm	15	Obion, TN	24.8	58.8	274.5	61.0
Clarksville, TN	Montgomery, TN	warm	15	Ohio, KY	15.1	53.0	705.6	1101.6
Clarksville, TN	Montgomery, TN	warm	15	Overton, TN	8.9	11.4	58.4	11.4
Clarksville, TN	Montgomery, TN	warm	15	Perry, IN	13.4	24.7	296.0	58.7
Clarksville, TN	Montgomery, TN	warm	15	Perry, TN	5.7	7.0	113.6	23.4
Clarksville, TN	Montgomery, TN	warm	15	Pickett, TN	3.1	5.9	17.5	4.8
Clarksville, TN	Montgomery, TN	warm	15	Pope, IL	4.9	9.2	119.5	20.3
Clarksville, TN	Montgomery, TN	warm	15	Posey, IN	18.9	122.4	1192.2	1424.7
Clarksville, TN	Montgomery, TN	warm	15	Pulaski, IL	8.9	24.0	133.8	34.4
Clarksville, TN	Montgomery, TN	warm	15	Putnam, TN	25.2	24.8	388.3	92.6
Clarksville, TN	Montgomery, TN	warm	15	Robertson, TN	28.2	39.8	379.4	54.9
Clarksville, TN	Montgomery, TN	warm	15	Rutherford, TN	76.5	80.9	856.6	203.0
Clarksville, TN	Montgomery, TN	warm	15	Saline, IL	13.2	47.2	184.2	12.3
Clarksville, TN	Montgomery, TN	warm	15	Simpson, KY	8.3	21.9	142.2	40.1
Clarksville, TN	Montgomery, TN	warm	15	Smith, TN	11.7	13.4	198.1	22.5
Clarksville, TN	Montgomery, TN	warm	15	Spencer, IN	19.7	119.9	2363.2	6637.7
Clarksville, TN	Montgomery, TN	warm	15	Stewart, TN	24.6	200.6	2821.2	1740.7
Clarksville, TN	Montgomery, TN	warm	15	Sumner, TN	50.5	135.7	1470.8	2659.9
Clarksville, TN	Montgomery, TN	warm	15	Tishomingo, MS	8.7	13.5	145.2	20.6
Clarksville, TN	Montgomery, TN	warm	15	Todd, KY	10.8	20.0	81.7	18.4
Clarksville, TN	Montgomery, TN	warm	15	Trigg, KY	24.6	27.1	130.6	21.8
Clarksville, TN	Montgomery, TN	warm	15	Trousdale, TN	3.7	7.0	44.3	7.3
Clarksville, TN	Montgomery, TN	warm	15	Union, KY	13.4	34.5	172.5	35.6
Clarksville, TN	Montgomery, TN	warm	15	Vanderburgh, IN	30.2	113.4	691.0	198.9
Clarksville, TN	Montgomery, TN	warm	15	Warren, KY	38.2	61.5	362.8	114.0
Clarksville, TN	Montgomery, TN	warm	15	Warren, TN	27.9	33.6	117.3	52.2
Clarksville, TN	Montgomery, TN	warm	15	Warrick, IN	53.0	673.8	1793.3	9041.4
Clarksville, TN	Montgomery, TN	warm	15	Wayne, TN	18.9	20.2	119.1	24.1
Clarksville, TN	Montgomery, TN	warm	15	Weakley, TN	25.7	47.4	130.5	40.2
Clarksville, TN	Montgomery, TN	warm	15	Webster, KY	16.4	79.6	1190.0	1615.5
Clarksville, TN	Montgomery, TN	warm	15	White, TN	11.7	14.7	77.1	25.6
Clarksville, TN	Montgomery, TN	warm	15	Williamson, TN	54.7	54.5	649.4	103.9
Clarksville, TN	Montgomery, TN	warm	15	Wilson, TN	35.8	37.5	523.8	73.2
Cleveland, OH	Cuyahoga, OH	cold	21	Allegheny, PA	95.3	103.0	2686.8	2185.1
Cleveland, OH	Cuyahoga, OH	cold	21	Allen, OH	21.0	37.3	394.6	184.7
Cleveland, OH	Cuyahoga, OH	cold	21	Armstrong, PA	33.1	412.3	864.0	8911.3
Cleveland, OH	Cuyahoga, OH	cold	21	Ashland, OH	15.4	21.1	143.8	9.4
Cleveland, OH	Cuyahoga, OH	cold	21	Ashtabula, OH	27.5	29.3	617.9	242.5
Cleveland, OH	Cuyahoga, OH	cold	21	Beaver, PA	19.1	90.0	1417.9	1929.6
Cleveland, OH	Cuyahoga, OH	cold	21	Belmont, OH	16.6	95.9	424.1	1614.3
Cleveland, OH	Cuyahoga, OH	cold	21	Brooke, WV	8.1	14.9	90.5	57.3
Cleveland, OH	Cuyahoga, OH	cold	21	Butler, PA	18.7	30.9	320.5	142.6
Cleveland, OH	Cuyahoga, OH	cold	21	Carroll, OH	6.0	8.2	69.1	5.2
Cleveland, OH	Cuyahoga, OH	cold	21	Cattaraugus, NY	39.3	35.5	132.2	45.6
Cleveland, OH	Cuyahoga, OH	cold	21	Chautauqua, NY	46.7	145.3	460.4	1068.4
Cleveland, OH	Cuyahoga, OH	cold	21	Clarion, PA	9.9	11.3	136.0	65.5
Cleveland, OH	Cuyahoga, OH	cold	21	Columbiana, OH	15.5	18.2	185.8	22.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Cleveland, OH	Cuyahoga, OH	cold	21	Coshocton, OH	20.5	234.6	978.8	4534.0
Cleveland, OH	Cuyahoga, OH	cold	21	Crawford, OH	8.4	19.0	121.5	9.7
Cleveland, OH	Cuyahoga, OH	cold	21	Crawford, PA	17.7	22.4	255.4	47.2
Cleveland, OH	Cuyahoga, OH	cold	21	Cuyahoga, OH	68.7	47.2	2050.5	550.1
Cleveland, OH	Cuyahoga, OH	cold	21	Delaware, OH	21.8	36.3	288.8	24.6
Cleveland, OH	Cuyahoga, OH	cold	21	Elk, PA	4.6	9.1	126.6	227.0
Cleveland, OH	Cuyahoga, OH	cold	21	Erie, NY	69.1	132.1	1403.3	1287.6
Cleveland, OH	Cuyahoga, OH	cold	21	Erie, OH	13.2	17.7	303.9	47.7
Cleveland, OH	Cuyahoga, OH	cold	21	Erie, PA	18.8	21.6	512.6	217.7
Cleveland, OH	Cuyahoga, OH	cold	21	Fairfield, OH	16.5	29.1	252.3	19.1
Cleveland, OH	Cuyahoga, OH	cold	21	Forest, PA	4.7	4.7	37.3	1.8
Cleveland, OH	Cuyahoga, OH	cold	21	Franklin, OH	56.3	42.8	1600.8	173.8
Cleveland, OH	Cuyahoga, OH	cold	21	Geauga, OH	19.6	20.3	131.6	19.5
Cleveland, OH	Cuyahoga, OH	cold	21	Guernsey, OH	11.0	9.9	254.5	33.9
Cleveland, OH	Cuyahoga, OH	cold	21	Hancock, OH	11.7	28.7	185.5	14.1
Cleveland, OH	Cuyahoga, OH	cold	21	Hancock, WV	29.9	84.8	187.0	86.6
Cleveland, OH	Cuyahoga, OH	cold	21	Hardin, OH	6.5	20.9	72.3	6.5
Cleveland, OH	Cuyahoga, OH	cold	21	Harrison, OH	4.1	5.0	28.0	5.5
Cleveland, OH	Cuyahoga, OH	cold	21	Henry, OH	7.1	20.4	82.0	148.5
Cleveland, OH	Cuyahoga, OH	cold	21	Holmes, OH	10.5	15.6	63.8	7.1
Cleveland, OH	Cuyahoga, OH	cold	21	Huron, OH	10.9	21.2	123.3	11.1
Cleveland, OH	Cuyahoga, OH	cold	21	Jefferson, OH	30.7	391.6	1959.5	9510.5
Cleveland, OH	Cuyahoga, OH	cold	21	Knox, OH	11.7	19.5	91.5	7.9
Cleveland, OH	Cuyahoga, OH	cold	21	Lake, OH	19.7	105.1	946.2	3421.7
Cleveland, OH	Cuyahoga, OH	cold	21	Lawrence, PA	13.3	62.6	382.1	972.2
Cleveland, OH	Cuyahoga, OH	cold	21	Licking, OH	32.2	49.3	315.7	32.5
Cleveland, OH	Cuyahoga, OH	cold	21	Lorain, OH	32.7	109.1	980.4	1888.8
Cleveland, OH	Cuyahoga, OH	cold	21	Lucas, OH	32.2	54.9	1336.2	1127.2
Cleveland, OH	Cuyahoga, OH	cold	21	Mahoning, OH	14.3	15.6	428.2	81.8
Cleveland, OH	Cuyahoga, OH	cold	21	Marion, OH	10.3	24.4	145.2	27.7
Cleveland, OH	Cuyahoga, OH	cold	21	McKean, PA	9.0	15.2	138.2	166.7
Cleveland, OH	Cuyahoga, OH	cold	21	Medina, OH	23.7	28.6	290.9	32.3
Cleveland, OH	Cuyahoga, OH	cold	21	Mercer, PA	12.3	19.8	255.2	44.2
Cleveland, OH	Cuyahoga, OH	cold	21	Morrow, OH	8.8	17.1	105.7	5.9
Cleveland, OH	Cuyahoga, OH	cold	21	Muskingum, OH	13.6	20.8	198.0	43.6
Cleveland, OH	Cuyahoga, OH	cold	21	Noble, OH	3.9	5.1	59.2	2.4
Cleveland, OH	Cuyahoga, OH	cold	21	Ohio, WV	6.2	6.2	141.2	23.0
Cleveland, OH	Cuyahoga, OH	cold	21	Ottawa, OH	11.6	20.5	234.0	54.7
Cleveland, OH	Cuyahoga, OH	cold	21	Perry, OH	6.4	10.2	81.2	7.2
Cleveland, OH	Cuyahoga, OH	cold	21	Portage, OH	21.0	21.3	308.6	23.3
Cleveland, OH	Cuyahoga, OH	cold	21	Putnam, OH	8.5	26.4	97.2	8.0
Cleveland, OH	Cuyahoga, OH	cold	21	Richland, OH	16.7	25.7	295.0	185.5
Cleveland, OH	Cuyahoga, OH	cold	21	Sandusky, OH	11.2	29.3	312.9	93.1
Cleveland, OH	Cuyahoga, OH	cold	21	Seneca, OH	12.8	27.6	172.3	96.2
Cleveland, OH	Cuyahoga, OH	cold	21	Stark, OH	24.3	35.5	553.8	99.1
Cleveland, OH	Cuyahoga, OH	cold	21	Summit, OH	24.5	18.0	736.9	532.6
Cleveland, OH	Cuyahoga, OH	cold	21	Trumbull, OH	26.5	40.7	567.7	785.4
Cleveland, OH	Cuyahoga, OH	cold	21	Tuscarawas, OH	12.5	14.1	208.8	122.7
Cleveland, OH	Cuyahoga, OH	cold	21	Union, OH	13.2	29.9	101.6	9.1
Cleveland, OH	Cuyahoga, OH	cold	21	Venango, PA	10.0	11.6	117.0	81.5
Cleveland, OH	Cuyahoga, OH	cold	21	Warren, PA	8.9	10.8	101.5	138.4
Cleveland, OH	Cuyahoga, OH	cold	21	Washington, PA	21.8	43.9	692.4	268.2
Cleveland, OH	Cuyahoga, OH	cold	21	Wayne, OH	19.9	38.6	320.3	204.3
Cleveland, OH	Cuyahoga, OH	cold	21	Wood, OH	17.5	34.9	356.6	24.4
Cleveland, OH	Cuyahoga, OH	cold	21	Wyandot, OH	6.1	22.2	74.3	5.4
Cleveland, OH	Cuyahoga, OH	warm	36	Allegheny, PA	220.1	237.9	6204.9	5046.2
Cleveland, OH	Cuyahoga, OH	warm	36	Allen, OH	48.6	86.2	911.4	426.6
Cleveland, OH	Cuyahoga, OH	warm	36	Armstrong, PA	76.5	952.1	1995.3	20579.4
Cleveland, OH	Cuyahoga, OH	warm	36	Ashland, OH	35.6	48.8	332.1	21.6
Cleveland, OH	Cuyahoga, OH	warm	36	Ashtabula, OH	63.5	67.6	1426.9	560.1
Cleveland, OH	Cuyahoga, OH	warm	36	Beaver, PA	44.2	207.8	3274.5	4456.1
Cleveland, OH	Cuyahoga, OH	warm	36	Belmont, OH	38.4	221.6	979.5	3728.0
Cleveland, OH	Cuyahoga, OH	warm	36	Brooke, WV	18.7	34.4	208.9	132.3
Cleveland, OH	Cuyahoga, OH	warm	36	Butler, PA	43.3	71.4	740.1	329.3
Cleveland, OH	Cuyahoga, OH	warm	36	Carroll, OH	13.9	18.9	159.5	12.0
Cleveland, OH	Cuyahoga, OH	warm	36	Cattaraugus, NY	90.8	82.0	305.4	105.2
Cleveland, OH	Cuyahoga, OH	warm	36	Chautauqua, NY	107.9	335.6	1063.2	2467.4
Cleveland, OH	Cuyahoga, OH	warm	36	Clarion, PA	22.8	26.2	314.0	151.2
Cleveland, OH	Cuyahoga, OH	warm	36	Columbiana, OH	35.8	42.0	429.1	51.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Cleveland, OH	Cuyahoga, OH	warm	36	Coshocton, OH	47.4	541.8	2260.5	10470.8
Cleveland, OH	Cuyahoga, OH	warm	36	Crawford, OH	19.5	43.9	280.7	22.3
Cleveland, OH	Cuyahoga, OH	warm	36	Crawford, PA	40.9	51.7	589.8	109.0
Cleveland, OH	Cuyahoga, OH	warm	36	Cuyahoga, OH	158.7	108.9	4735.3	1270.4
Cleveland, OH	Cuyahoga, OH	warm	36	Delaware, OH	50.4	83.8	666.9	56.9
Cleveland, OH	Cuyahoga, OH	warm	36	Elk, PA	10.7	21.0	292.4	524.1
Cleveland, OH	Cuyahoga, OH	warm	36	Erie, NY	159.6	305.2	3240.9	2973.6
Cleveland, OH	Cuyahoga, OH	warm	36	Erie, OH	30.5	40.8	701.8	110.1
Cleveland, OH	Cuyahoga, OH	warm	36	Erie, PA	43.4	49.8	1183.8	502.8
Cleveland, OH	Cuyahoga, OH	warm	36	Fairfield, OH	38.2	67.2	582.5	44.1
Cleveland, OH	Cuyahoga, OH	warm	36	Forest, PA	10.9	10.8	86.2	4.1
Cleveland, OH	Cuyahoga, OH	warm	36	Franklin, OH	130.1	98.8	3696.7	401.4
Cleveland, OH	Cuyahoga, OH	warm	36	Geauga, OH	45.2	46.8	304.0	44.9
Cleveland, OH	Cuyahoga, OH	warm	36	Guernsey, OH	25.4	22.8	587.7	78.2
Cleveland, OH	Cuyahoga, OH	warm	36	Hancock, OH	26.9	66.3	428.4	32.6
Cleveland, OH	Cuyahoga, OH	warm	36	Hancock, WV	69.0	195.8	431.8	199.9
Cleveland, OH	Cuyahoga, OH	warm	36	Hardin, OH	15.1	48.3	166.9	15.0
Cleveland, OH	Cuyahoga, OH	warm	36	Harrison, OH	9.4	11.5	64.6	12.8
Cleveland, OH	Cuyahoga, OH	warm	36	Henry, OH	16.5	47.2	189.4	342.9
Cleveland, OH	Cuyahoga, OH	warm	36	Holmes, OH	24.2	35.9	147.5	16.4
Cleveland, OH	Cuyahoga, OH	warm	36	Huron, OH	25.2	49.1	284.7	25.7
Cleveland, OH	Cuyahoga, OH	warm	36	Jefferson, OH	70.8	904.3	4525.3	21963.2
Cleveland, OH	Cuyahoga, OH	warm	36	Knox, OH	27.1	45.1	211.2	18.2
Cleveland, OH	Cuyahoga, OH	warm	36	Lake, OH	45.4	242.8	2185.1	7902.0
Cleveland, OH	Cuyahoga, OH	warm	36	Lawrence, PA	30.7	144.5	882.5	2245.1
Cleveland, OH	Cuyahoga, OH	warm	36	Licking, OH	74.3	113.9	729.1	75.1
Cleveland, OH	Cuyahoga, OH	warm	36	Lorain, OH	75.6	251.9	2264.0	4361.9
Cleveland, OH	Cuyahoga, OH	warm	36	Lucas, OH	74.3	126.9	3085.8	2603.0
Cleveland, OH	Cuyahoga, OH	warm	36	Mahoning, OH	33.1	35.9	988.8	188.9
Cleveland, OH	Cuyahoga, OH	warm	36	Marion, OH	23.8	56.3	335.3	64.0
Cleveland, OH	Cuyahoga, OH	warm	36	McKean, PA	20.8	35.0	319.1	385.0
Cleveland, OH	Cuyahoga, OH	warm	36	Medina, OH	54.7	66.1	671.9	74.6
Cleveland, OH	Cuyahoga, OH	warm	36	Mercer, PA	28.4	45.8	589.3	102.1
Cleveland, OH	Cuyahoga, OH	warm	36	Morrow, OH	20.2	39.6	244.2	13.7
Cleveland, OH	Cuyahoga, OH	warm	36	Muskingum, OH	31.5	48.0	457.3	100.6
Cleveland, OH	Cuyahoga, OH	warm	36	Noble, OH	9.0	11.7	136.7	5.6
Cleveland, OH	Cuyahoga, OH	warm	36	Ohio, WV	14.4	14.2	326.1	53.1
Cleveland, OH	Cuyahoga, OH	warm	36	Ottawa, OH	26.9	47.4	540.5	126.4
Cleveland, OH	Cuyahoga, OH	warm	36	Perry, OH	14.7	23.6	187.6	16.6
Cleveland, OH	Cuyahoga, OH	warm	36	Portage, OH	48.6	49.2	712.6	53.7
Cleveland, OH	Cuyahoga, OH	warm	36	Putnam, OH	19.6	60.9	224.5	18.4
Cleveland, OH	Cuyahoga, OH	warm	36	Richland, OH	38.5	59.4	681.3	428.5
Cleveland, OH	Cuyahoga, OH	warm	36	Sandusky, OH	25.9	67.7	722.6	215.0
Cleveland, OH	Cuyahoga, OH	warm	36	Seneca, OH	29.6	63.8	398.0	222.3
Cleveland, OH	Cuyahoga, OH	warm	36	Stark, OH	56.2	82.0	1279.0	228.8
Cleveland, OH	Cuyahoga, OH	warm	36	Summit, OH	56.5	41.6	1701.9	1229.9
Cleveland, OH	Cuyahoga, OH	warm	36	Trumbull, OH	61.2	94.0	1311.0	1813.9
Cleveland, OH	Cuyahoga, OH	warm	36	Tuscarawas, OH	28.9	32.5	482.2	283.4
Cleveland, OH	Cuyahoga, OH	warm	36	Union, OH	30.5	69.0	234.6	21.0
Cleveland, OH	Cuyahoga, OH	warm	36	Venango, PA	23.1	26.8	270.3	188.1
Cleveland, OH	Cuyahoga, OH	warm	36	Warren, PA	20.6	25.1	234.3	319.7
Cleveland, OH	Cuyahoga, OH	warm	36	Washington, PA	50.4	101.3	1599.1	619.4
Cleveland, OH	Cuyahoga, OH	warm	36	Wayne, OH	45.9	89.1	739.8	471.8
Cleveland, OH	Cuyahoga, OH	warm	36	Wood, OH	40.4	80.6	823.6	56.4
Cleveland, OH	Cuyahoga, OH	warm	36	Wyandot, OH	14.0	51.3	171.6	12.5
Cleveland, OH	Summit, OH	cold	4	Allegheny, PA	21.2	22.9	597.1	485.6
Cleveland, OH	Summit, OH	cold	4	Allen, OH	4.7	8.3	87.7	41.1
Cleveland, OH	Summit, OH	cold	4	Armstrong, PA	7.4	91.6	192.0	1980.3
Cleveland, OH	Summit, OH	cold	4	Ashland, OH	3.4	4.7	32.0	2.1
Cleveland, OH	Summit, OH	cold	4	Ashtabula, OH	6.1	6.5	137.3	53.9
Cleveland, OH	Summit, OH	cold	4	Beaver, PA	4.3	20.0	315.1	428.8
Cleveland, OH	Summit, OH	cold	4	Belmont, OH	3.7	21.3	94.3	358.7
Cleveland, OH	Summit, OH	cold	4	Brooke, WV	1.8	3.3	20.1	12.7
Cleveland, OH	Summit, OH	cold	4	Butler, PA	4.2	6.9	71.2	31.7
Cleveland, OH	Summit, OH	cold	4	Carroll, OH	1.3	1.8	15.3	1.2
Cleveland, OH	Summit, OH	cold	4	Cattaraugus, NY	8.7	7.9	29.4	10.1
Cleveland, OH	Summit, OH	cold	4	Chautauqua, NY	10.4	32.3	102.3	237.4
Cleveland, OH	Summit, OH	cold	4	Clarion, PA	2.2	2.5	30.2	14.5
Cleveland, OH	Summit, OH	cold	4	Columbiana, OH	3.4	4.0	41.3	5.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Cleveland, OH	Summit, OH	cold	4	Coshocton, OH	4.6	52.1	217.5	1007.6
Cleveland, OH	Summit, OH	cold	4	Crawford, OH	1.9	4.2	27.0	2.1
Cleveland, OH	Summit, OH	cold	4	Crawford, PA	3.9	5.0	56.7	10.5
Cleveland, OH	Summit, OH	cold	4	Cuyahoga, OH	15.3	10.5	455.7	122.2
Cleveland, OH	Summit, OH	cold	4	Delaware, OH	4.9	8.1	64.2	5.5
Cleveland, OH	Summit, OH	cold	4	Elk, PA	1.0	2.0	28.1	50.4
Cleveland, OH	Summit, OH	cold	4	Erie, NY	15.4	29.4	311.9	286.1
Cleveland, OH	Summit, OH	cold	4	Erie, OH	2.9	3.9	67.5	10.6
Cleveland, OH	Summit, OH	cold	4	Erie, PA	4.2	4.8	113.9	48.4
Cleveland, OH	Summit, OH	cold	4	Fairfield, OH	3.7	6.5	56.1	4.2
Cleveland, OH	Summit, OH	cold	4	Forest, PA	1.1	1.0	8.3	0.4
Cleveland, OH	Summit, OH	cold	4	Franklin, OH	12.5	9.5	355.7	38.6
Cleveland, OH	Summit, OH	cold	4	Geauga, OH	4.3	4.5	29.3	4.3
Cleveland, OH	Summit, OH	cold	4	Guernsey, OH	2.4	2.2	56.6	7.5
Cleveland, OH	Summit, OH	cold	4	Hancock, OH	2.6	6.4	41.2	3.1
Cleveland, OH	Summit, OH	cold	4	Hancock, WV	6.6	18.8	41.5	19.2
Cleveland, OH	Summit, OH	cold	4	Hardin, OH	1.5	4.6	16.1	1.4
Cleveland, OH	Summit, OH	cold	4	Harrison, OH	0.9	1.1	6.2	1.2
Cleveland, OH	Summit, OH	cold	4	Henry, OH	1.6	4.5	18.2	33.0
Cleveland, OH	Summit, OH	cold	4	Holmes, OH	2.3	3.5	14.2	1.6
Cleveland, OH	Summit, OH	cold	4	Huron, OH	2.4	4.7	27.4	2.5
Cleveland, OH	Summit, OH	cold	4	Jefferson, OH	6.8	87.0	435.5	2113.4
Cleveland, OH	Summit, OH	cold	4	Knox, OH	2.6	4.3	20.3	1.8
Cleveland, OH	Summit, OH	cold	4	Lake, OH	4.4	23.4	210.3	760.4
Cleveland, OH	Summit, OH	cold	4	Lawrence, PA	3.0	13.9	84.9	216.0
Cleveland, OH	Summit, OH	cold	4	Licking, OH	7.2	11.0	70.2	7.2
Cleveland, OH	Summit, OH	cold	4	Lorain, OH	7.3	24.2	217.9	419.7
Cleveland, OH	Summit, OH	cold	4	Lucas, OH	7.1	12.2	296.9	250.5
Cleveland, OH	Summit, OH	cold	4	Mahoning, OH	3.2	3.5	95.2	18.2
Cleveland, OH	Summit, OH	cold	4	Marion, OH	2.3	5.4	32.3	6.2
Cleveland, OH	Summit, OH	cold	4	McKean, PA	2.0	3.4	30.7	37.0
Cleveland, OH	Summit, OH	cold	4	Medina, OH	5.3	6.4	64.7	7.2
Cleveland, OH	Summit, OH	cold	4	Mercer, PA	2.7	4.4	56.7	9.8
Cleveland, OH	Summit, OH	cold	4	Morrow, OH	1.9	3.8	23.5	1.3
Cleveland, OH	Summit, OH	cold	4	Muskingum, OH	3.0	4.6	44.0	9.7
Cleveland, OH	Summit, OH	cold	4	Noble, OH	0.9	1.1	13.2	0.5
Cleveland, OH	Summit, OH	cold	4	Ohio, WV	1.4	1.4	31.4	5.1
Cleveland, OH	Summit, OH	cold	4	Ottawa, OH	2.6	4.6	52.0	12.2
Cleveland, OH	Summit, OH	cold	4	Perry, OH	1.4	2.3	18.0	1.6
Cleveland, OH	Summit, OH	cold	4	Portage, OH	4.7	4.7	68.6	5.2
Cleveland, OH	Summit, OH	cold	4	Putnam, OH	1.9	5.9	21.6	1.8
Cleveland, OH	Summit, OH	cold	4	Richland, OH	3.7	5.7	65.6	41.2
Cleveland, OH	Summit, OH	cold	4	Sandusky, OH	2.5	6.5	69.5	20.7
Cleveland, OH	Summit, OH	cold	4	Seneca, OH	2.8	6.1	38.3	21.4
Cleveland, OH	Summit, OH	cold	4	Stark, OH	5.4	7.9	123.1	22.0
Cleveland, OH	Summit, OH	cold	4	Summit, OH	5.4	4.0	163.8	118.4
Cleveland, OH	Summit, OH	cold	4	Trumbull, OH	5.9	9.0	126.2	174.5
Cleveland, OH	Summit, OH	cold	4	Tuscarawas, OH	2.8	3.1	46.4	27.3
Cleveland, OH	Summit, OH	cold	4	Union, OH	2.9	6.6	22.6	2.0
Cleveland, OH	Summit, OH	cold	4	Venango, PA	2.2	2.6	26.0	18.1
Cleveland, OH	Summit, OH	cold	4	Warren, PA	2.0	2.4	22.6	30.8
Cleveland, OH	Summit, OH	cold	4	Washington, PA	4.8	9.8	153.9	59.6
Cleveland, OH	Summit, OH	cold	4	Wayne, OH	4.4	8.6	71.2	45.4
Cleveland, OH	Summit, OH	cold	4	Wood, OH	3.9	7.8	79.3	5.4
Cleveland, OH	Summit, OH	cold	4	Wyandot, OH	1.3	4.9	16.5	1.2
Cleveland, OH	Summit, OH	warm	13	Allegheny, PA	102.7	111.0	2895.6	2354.9
Cleveland, OH	Summit, OH	warm	13	Allen, OH	22.7	40.2	425.3	199.1
Cleveland, OH	Summit, OH	warm	13	Armstrong, PA	35.7	444.3	931.1	9603.7
Cleveland, OH	Summit, OH	warm	13	Ashland, OH	16.6	22.8	155.0	10.1
Cleveland, OH	Summit, OH	warm	13	Ashtabula, OH	29.6	31.5	665.9	261.4
Cleveland, OH	Summit, OH	warm	13	Beaver, PA	20.6	97.0	1528.1	2079.5
Cleveland, OH	Summit, OH	warm	13	Belmont, OH	17.9	103.4	457.1	1739.7
Cleveland, OH	Summit, OH	warm	13	Brooke, WV	8.7	16.1	97.5	61.7
Cleveland, OH	Summit, OH	warm	13	Butler, PA	20.2	33.3	345.4	153.7
Cleveland, OH	Summit, OH	warm	13	Carroll, OH	6.5	8.8	74.4	5.6
Cleveland, OH	Summit, OH	warm	13	Cattaraugus, NY	42.4	38.3	142.5	49.1
Cleveland, OH	Summit, OH	warm	13	Chautauqua, NY	50.3	156.6	496.2	1151.5
Cleveland, OH	Summit, OH	warm	13	Clarion, PA	10.6	12.2	146.5	70.5
Cleveland, OH	Summit, OH	warm	13	Columbiana, OH	16.7	19.6	200.3	24.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Cleveland, OH	Summit, OH	warm	13	Coshocton, OH	22.1	252.8	1054.9	4886.4
Cleveland, OH	Summit, OH	warm	13	Crawford, OH	9.1	20.5	131.0	10.4
Cleveland, OH	Summit, OH	warm	13	Crawford, PA	19.1	24.1	275.2	50.8
Cleveland, OH	Summit, OH	warm	13	Cuyahoga, OH	74.1	50.8	2209.8	592.8
Cleveland, OH	Summit, OH	warm	13	Delaware, OH	23.5	39.1	311.2	26.6
Cleveland, OH	Summit, OH	warm	13	Elk, PA	5.0	9.8	136.4	244.6
Cleveland, OH	Summit, OH	warm	13	Erie, NY	74.5	142.4	1512.4	1387.7
Cleveland, OH	Summit, OH	warm	13	Erie, OH	14.2	19.1	327.5	51.4
Cleveland, OH	Summit, OH	warm	13	Erie, PA	20.2	23.2	552.5	234.6
Cleveland, OH	Summit, OH	warm	13	Fairfield, OH	17.8	31.3	271.9	20.6
Cleveland, OH	Summit, OH	warm	13	Forest, PA	5.1	5.0	40.2	1.9
Cleveland, OH	Summit, OH	warm	13	Franklin, OH	60.7	46.1	1725.1	187.3
Cleveland, OH	Summit, OH	warm	13	Geauga, OH	21.1	21.8	141.9	21.0
Cleveland, OH	Summit, OH	warm	13	Guernsey, OH	11.8	10.6	274.3	36.5
Cleveland, OH	Summit, OH	warm	13	Hancock, OH	12.6	31.0	199.9	15.2
Cleveland, OH	Summit, OH	warm	13	Hancock, WV	32.2	91.4	201.5	93.3
Cleveland, OH	Summit, OH	warm	13	Hardin, OH	7.0	22.5	77.9	7.0
Cleveland, OH	Summit, OH	warm	13	Harrison, OH	4.4	5.4	30.2	6.0
Cleveland, OH	Summit, OH	warm	13	Henry, OH	7.7	22.0	88.4	160.0
Cleveland, OH	Summit, OH	warm	13	Holmes, OH	11.3	16.8	68.8	7.7
Cleveland, OH	Summit, OH	warm	13	Huron, OH	11.8	22.9	132.9	12.0
Cleveland, OH	Summit, OH	warm	13	Jefferson, OH	33.0	422.0	2111.8	10249.5
Cleveland, OH	Summit, OH	warm	13	Knox, OH	12.6	21.0	98.6	8.5
Cleveland, OH	Summit, OH	warm	13	Lake, OH	21.2	113.3	1019.7	3687.6
Cleveland, OH	Summit, OH	warm	13	Lawrence, PA	14.3	67.4	411.8	1047.7
Cleveland, OH	Summit, OH	warm	13	Licking, OH	34.7	53.1	340.3	35.0
Cleveland, OH	Summit, OH	warm	13	Lorain, OH	35.3	117.5	1056.6	2035.6
Cleveland, OH	Summit, OH	warm	13	Lucas, OH	34.7	59.2	1440.0	1214.8
Cleveland, OH	Summit, OH	warm	13	Mahoning, OH	15.5	16.8	461.4	88.2
Cleveland, OH	Summit, OH	warm	13	Marion, OH	11.1	26.3	156.5	29.9
Cleveland, OH	Summit, OH	warm	13	McKean, PA	9.7	16.4	148.9	179.7
Cleveland, OH	Summit, OH	warm	13	Medina, OH	25.5	30.8	313.5	34.8
Cleveland, OH	Summit, OH	warm	13	Mercer, PA	13.3	21.4	275.0	47.7
Cleveland, OH	Summit, OH	warm	13	Morrow, OH	9.4	18.5	113.9	6.4
Cleveland, OH	Summit, OH	warm	13	Muskingum, OH	14.7	22.4	213.4	47.0
Cleveland, OH	Summit, OH	warm	13	Noble, OH	4.2	5.5	63.8	2.6
Cleveland, OH	Summit, OH	warm	13	Ohio, WV	6.7	6.6	152.2	24.8
Cleveland, OH	Summit, OH	warm	13	Ottawa, OH	12.5	22.1	252.2	59.0
Cleveland, OH	Summit, OH	warm	13	Perry, OH	6.9	11.0	87.5	7.7
Cleveland, OH	Summit, OH	warm	13	Portage, OH	22.7	23.0	332.6	25.1
Cleveland, OH	Summit, OH	warm	13	Putnam, OH	9.1	28.4	104.8	8.6
Cleveland, OH	Summit, OH	warm	13	Richland, OH	18.0	27.7	318.0	200.0
Cleveland, OH	Summit, OH	warm	13	Sandusky, OH	12.1	31.6	337.2	100.3
Cleveland, OH	Summit, OH	warm	13	Seneca, OH	13.8	29.8	185.7	103.7
Cleveland, OH	Summit, OH	warm	13	Stark, OH	26.2	38.3	596.9	106.8
Cleveland, OH	Summit, OH	warm	13	Summit, OH	26.4	19.4	794.2	574.0
Cleveland, OH	Summit, OH	warm	13	Trumbull, OH	28.6	43.9	611.8	846.5
Cleveland, OH	Summit, OH	warm	13	Tuscarawas, OH	13.5	15.2	225.0	132.2
Cleveland, OH	Summit, OH	warm	13	Union, OH	14.3	32.2	109.5	9.8
Cleveland, OH	Summit, OH	warm	13	Venango, PA	10.8	12.5	126.1	87.8
Cleveland, OH	Summit, OH	warm	13	Warren, PA	9.6	11.7	109.4	149.2
Cleveland, OH	Summit, OH	warm	13	Washington, PA	23.5	47.3	746.3	289.1
Cleveland, OH	Summit, OH	warm	13	Wayne, OH	21.4	41.6	345.2	220.2
Cleveland, OH	Summit, OH	warm	13	Wood, OH	18.8	37.6	384.3	26.3
Cleveland, OH	Summit, OH	warm	13	Wyandot, OH	6.5	23.9	80.1	5.9
Columbus, GA	Muscogee, GA	cold	1	Autauga, AL	1.0	2.0	20.8	14.8
Columbus, GA	Muscogee, GA	cold	1	Baker, GA	5.4	3.0	1.9	1.2
Columbus, GA	Muscogee, GA	cold	1	Barbour, AL	2.8	2.2	8.2	2.9
Columbus, GA	Muscogee, GA	cold	1	Bay, FL	3.4	5.8	66.6	112.1
Columbus, GA	Muscogee, GA	cold	1	Bibb, AL	1.0	0.8	4.7	0.9
Columbus, GA	Muscogee, GA	cold	1	Bibb, GA	1.4	2.2	39.7	11.7
Columbus, GA	Muscogee, GA	cold	1	Bullock, AL	14.0	7.9	6.5	2.9
Columbus, GA	Muscogee, GA	cold	1	Butler, AL	1.4	1.1	9.0	1.7
Columbus, GA	Muscogee, GA	cold	1	Butts, GA	0.7	0.8	5.8	0.8
Columbus, GA	Muscogee, GA	cold	1	Calhoun, AL	2.8	3.0	39.7	10.3
Columbus, GA	Muscogee, GA	cold	1	Calhoun, FL	2.0	1.2	2.2	0.5
Columbus, GA	Muscogee, GA	cold	1	Calhoun, GA	2.0	1.6	1.7	0.5
Columbus, GA	Muscogee, GA	cold	1	Carroll, GA	2.5	3.6	19.6	5.3
Columbus, GA	Muscogee, GA	cold	1	Chambers, AL	1.1	1.2	9.8	2.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Columbus, GA	Muscogee, GA	cold	1	Chattahoochee, GA	0.4	0.4	1.2	0.1
Columbus, GA	Muscogee, GA	cold	1	Cherokee, AL	1.1	1.6	6.0	1.0
Columbus, GA	Muscogee, GA	cold	1	Chilton, AL	1.4	1.4	13.1	2.3
Columbus, GA	Muscogee, GA	cold	1	Clarke, AL	4.1	2.6	10.2	6.9
Columbus, GA	Muscogee, GA	cold	1	Clay, AL	0.9	0.8	4.4	1.0
Columbus, GA	Muscogee, GA	cold	1	Clay, GA	0.6	0.8	0.9	0.1
Columbus, GA	Muscogee, GA	cold	1	Clayton, GA	1.6	1.2	70.8	7.0
Columbus, GA	Muscogee, GA	cold	1	Cleburne, AL	1.4	0.9	8.3	0.8
Columbus, GA	Muscogee, GA	cold	1	Coffee, AL	1.7	1.9	8.4	3.0
Columbus, GA	Muscogee, GA	cold	1	Conecuh, AL	1.8	1.1	7.1	1.1
Columbus, GA	Muscogee, GA	cold	1	Coosa, AL	1.0	1.0	3.8	0.5
Columbus, GA	Muscogee, GA	cold	1	Covington, AL	4.1	2.8	9.2	3.7
Columbus, GA	Muscogee, GA	cold	1	Coweta, GA	2.8	14.0	77.8	317.5
Columbus, GA	Muscogee, GA	cold	1	Crawford, GA	0.5	0.6	2.2	0.2
Columbus, GA	Muscogee, GA	cold	1	Crenshaw, AL	1.0	0.9	3.2	0.7
Columbus, GA	Muscogee, GA	cold	1	Crisp, GA	1.0	1.6	8.7	1.6
Columbus, GA	Muscogee, GA	cold	1	Dale, AL	1.3	1.4	14.5	3.2
Columbus, GA	Muscogee, GA	cold	1	Dallas, AL	2.2	2.8	20.6	26.4
Columbus, GA	Muscogee, GA	cold	1	Decatur, GA	6.2	4.7	8.5	3.2
Columbus, GA	Muscogee, GA	cold	1	Dooly, GA	1.5	2.4	7.8	1.3
Columbus, GA	Muscogee, GA	cold	1	Dougherty, GA	3.4	3.6	31.1	52.4
Columbus, GA	Muscogee, GA	cold	1	Douglas, GA	1.9	1.8	24.1	2.2
Columbus, GA	Muscogee, GA	cold	1	Early, GA	1.8	3.2	18.9	32.0
Columbus, GA	Muscogee, GA	cold	1	Elmore, AL	1.6	1.9	16.0	3.1
Columbus, GA	Muscogee, GA	cold	1	Escambia, AL	4.9	3.1	22.8	95.6
Columbus, GA	Muscogee, GA	cold	1	Fayette, GA	1.4	2.2	13.6	3.0
Columbus, GA	Muscogee, GA	cold	1	Fulton, GA	8.1	5.7	205.9	34.9
Columbus, GA	Muscogee, GA	cold	1	Gadsden, FL	3.1	2.0	22.6	1.8
Columbus, GA	Muscogee, GA	cold	1	Geneva, AL	2.3	2.4	5.7	1.5
Columbus, GA	Muscogee, GA	cold	1	Hale, AL	0.8	1.0	8.5	0.9
Columbus, GA	Muscogee, GA	cold	1	Haralson, GA	0.7	0.9	6.0	1.2
Columbus, GA	Muscogee, GA	cold	1	Harris, GA	1.7	1.3	7.7	1.1
Columbus, GA	Muscogee, GA	cold	1	Heard, GA	1.7	17.2	71.2	479.4
Columbus, GA	Muscogee, GA	cold	1	Henry, AL	1.7	2.0	5.0	1.0
Columbus, GA	Muscogee, GA	cold	1	Henry, GA	3.2	3.7	40.0	2.9
Columbus, GA	Muscogee, GA	cold	1	Holmes, FL	0.9	0.7	6.8	0.6
Columbus, GA	Muscogee, GA	cold	1	Houston, AL	2.0	2.9	20.4	10.0
Columbus, GA	Muscogee, GA	cold	1	Houston, GA	1.3	1.9	35.1	8.9
Columbus, GA	Muscogee, GA	cold	1	Jackson, FL	3.7	4.1	24.1	24.5
Columbus, GA	Muscogee, GA	cold	1	Jasper, GA	2.1	1.6	3.5	0.8
Columbus, GA	Muscogee, GA	cold	1	Jefferson, AL	10.0	31.3	271.5	278.7
Columbus, GA	Muscogee, GA	cold	1	Jones, GA	1.8	1.2	6.0	0.7
Columbus, GA	Muscogee, GA	cold	1	Lamar, GA	0.5	0.7	3.4	0.9
Columbus, GA	Muscogee, GA	cold	1	Lee, AL	1.9	1.8	21.3	7.0
Columbus, GA	Muscogee, GA	cold	1	Lee, GA	4.4	3.4	4.1	1.1
Columbus, GA	Muscogee, GA	cold	1	Liberty, FL	6.4	3.4	3.4	1.5
Columbus, GA	Muscogee, GA	cold	1	Lowndes, AL	1.6	1.6	7.8	0.9
Columbus, GA	Muscogee, GA	cold	1	Macon, AL	3.4	2.2	8.1	1.4
Columbus, GA	Muscogee, GA	cold	1	Macon, GA	1.2	1.6	8.7	1.6
Columbus, GA	Muscogee, GA	cold	1	Marengo, AL	1.9	2.0	63.2	5.2
Columbus, GA	Muscogee, GA	cold	1	Marion, GA	0.6	0.7	1.7	1.0
Columbus, GA	Muscogee, GA	cold	1	Meriwether, GA	1.4	1.3	6.8	1.4
Columbus, GA	Muscogee, GA	cold	1	Miller, GA	1.1	1.5	1.7	0.2
Columbus, GA	Muscogee, GA	cold	1	Mitchell, GA	4.5	3.8	5.2	2.6
Columbus, GA	Muscogee, GA	cold	1	Monroe, AL	2.2	2.4	18.8	14.0
Columbus, GA	Muscogee, GA	cold	1	Monroe, GA	1.7	12.9	97.4	391.7
Columbus, GA	Muscogee, GA	cold	1	Montgomery, AL	2.9	2.6	54.3	30.7
Columbus, GA	Muscogee, GA	cold	1	Muscogee, GA	1.2	1.5	23.7	8.7
Columbus, GA	Muscogee, GA	cold	1	Okaloosa, FL	8.9	3.9	33.5	5.4
Columbus, GA	Muscogee, GA	cold	1	Paulding, GA	2.1	2.4	12.3	1.2
Columbus, GA	Muscogee, GA	cold	1	Peach, GA	0.8	1.5	7.2	1.9
Columbus, GA	Muscogee, GA	cold	1	Perry, AL	0.7	0.8	2.7	1.1
Columbus, GA	Muscogee, GA	cold	1	Pike, AL	1.8	1.6	9.1	40.1
Columbus, GA	Muscogee, GA	cold	1	Pike, GA	0.6	0.7	2.2	0.2
Columbus, GA	Muscogee, GA	cold	1	Polk, GA	1.0	1.3	7.5	1.6
Columbus, GA	Muscogee, GA	cold	1	Pulaski, GA	1.0	1.3	1.8	0.4
Columbus, GA	Muscogee, GA	cold	1	Quitman, GA	0.3	0.3	0.6	0.1
Columbus, GA	Muscogee, GA	cold	1	Randolph, AL	0.8	0.8	42.3	1.1
Columbus, GA	Muscogee, GA	cold	1	Randolph, GA	1.4	1.2	1.8	0.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Columbus, GA	Muscogee, GA	cold	1	Russell, AL	5.3	3.9	23.6	38.3
Columbus, GA	Muscogee, GA	cold	1	Schley, GA	0.4	0.5	0.9	0.4
Columbus, GA	Muscogee, GA	cold	1	Seminole, GA	1.5	1.5	2.3	0.4
Columbus, GA	Muscogee, GA	cold	1	Shelby, AL	4.3	28.4	172.4	615.8
Columbus, GA	Muscogee, GA	cold	1	Spalding, GA	0.8	1.6	9.0	3.0
Columbus, GA	Muscogee, GA	cold	1	St. Clair, AL	1.5	1.8	29.7	4.3
Columbus, GA	Muscogee, GA	cold	1	Stewart, GA	1.2	0.7	1.9	0.5
Columbus, GA	Muscogee, GA	cold	1	Sumter, GA	1.8	3.2	7.9	4.7
Columbus, GA	Muscogee, GA	cold	1	Talbot, GA	0.8	0.5	3.4	0.3
Columbus, GA	Muscogee, GA	cold	1	Talladega, AL	2.3	2.5	19.9	5.0
Columbus, GA	Muscogee, GA	cold	1	Tallapoosa, AL	1.0	1.1	9.6	3.4
Columbus, GA	Muscogee, GA	cold	1	Taylor, GA	0.6	0.7	3.4	0.3
Columbus, GA	Muscogee, GA	cold	1	Terrell, GA	1.6	1.7	2.7	0.8
Columbus, GA	Muscogee, GA	cold	1	Troup, GA	1.3	1.8	16.2	5.6
Columbus, GA	Muscogee, GA	cold	1	Turner, GA	0.9	1.1	6.5	0.6
Columbus, GA	Muscogee, GA	cold	1	Tuscaloosa, AL	3.1	2.8	45.3	19.4
Columbus, GA	Muscogee, GA	cold	1	Upson, GA	0.6	0.8	4.7	2.0
Columbus, GA	Muscogee, GA	cold	1	Walton, FL	4.3	2.1	20.3	1.9
Columbus, GA	Muscogee, GA	cold	1	Washington, FL	2.4	1.4	13.0	1.0
Columbus, GA	Muscogee, GA	cold	1	Webster, GA	0.5	0.5	1.2	0.2
Columbus, GA	Muscogee, GA	cold	1	Wilcox, AL	3.3	3.4	15.6	12.8
Columbus, GA	Muscogee, GA	cold	1	Wilcox, GA	1.2	1.3	2.8	0.4
Columbus, GA	Muscogee, GA	cold	1	Worth, GA	2.4	2.9	4.5	0.5
Columbus, GA	Muscogee, GA	warm	6	Autauga, AL	7.9	16.9	172.9	122.7
Columbus, GA	Muscogee, GA	warm	6	Baker, GA	44.7	24.7	15.7	9.6
Columbus, GA	Muscogee, GA	warm	6	Barbour, AL	23.0	18.0	68.2	24.3
Columbus, GA	Muscogee, GA	warm	6	Bay, FL	28.1	48.1	553.4	931.6
Columbus, GA	Muscogee, GA	warm	6	Bibb, AL	8.7	6.4	39.0	7.6
Columbus, GA	Muscogee, GA	warm	6	Bibb, GA	11.6	18.2	330.0	97.5
Columbus, GA	Muscogee, GA	warm	6	Bullock, AL	116.4	65.3	54.2	24.2
Columbus, GA	Muscogee, GA	warm	6	Butler, AL	11.3	9.1	75.1	14.2
Columbus, GA	Muscogee, GA	warm	6	Butts, GA	5.6	6.5	48.2	6.8
Columbus, GA	Muscogee, GA	warm	6	Calhoun, AL	23.1	25.0	330.2	85.4
Columbus, GA	Muscogee, GA	warm	6	Calhoun, FL	16.3	9.8	17.9	4.1
Columbus, GA	Muscogee, GA	warm	6	Calhoun, GA	17.0	13.5	13.8	4.3
Columbus, GA	Muscogee, GA	warm	6	Carroll, GA	20.9	29.5	163.2	44.1
Columbus, GA	Muscogee, GA	warm	6	Chambers, AL	9.5	10.1	81.7	23.7
Columbus, GA	Muscogee, GA	warm	6	Chattahoochee, GA	3.7	3.3	10.3	1.0
Columbus, GA	Muscogee, GA	warm	6	Cherokee, AL	9.4	13.7	49.5	8.4
Columbus, GA	Muscogee, GA	warm	6	Chilton, AL	11.7	11.4	108.6	19.4
Columbus, GA	Muscogee, GA	warm	6	Clarke, AL	34.1	21.2	84.5	57.4
Columbus, GA	Muscogee, GA	warm	6	Clay, AL	7.8	6.8	36.7	7.9
Columbus, GA	Muscogee, GA	warm	6	Clay, GA	4.9	6.4	7.1	0.8
Columbus, GA	Muscogee, GA	warm	6	Clayton, GA	13.2	10.3	588.8	57.8
Columbus, GA	Muscogee, GA	warm	6	Cleburne, AL	11.8	7.2	68.9	6.8
Columbus, GA	Muscogee, GA	warm	6	Coffee, AL	14.4	16.1	70.1	25.3
Columbus, GA	Muscogee, GA	warm	6	Conecuh, AL	15.0	9.2	58.9	8.9
Columbus, GA	Muscogee, GA	warm	6	Coosa, AL	8.7	8.2	31.8	4.3
Columbus, GA	Muscogee, GA	warm	6	Covington, AL	34.3	23.5	76.6	30.8
Columbus, GA	Muscogee, GA	warm	6	Coweta, GA	23.5	116.5	646.5	2639.5
Columbus, GA	Muscogee, GA	warm	6	Crawford, GA	3.9	5.2	17.9	1.7
Columbus, GA	Muscogee, GA	warm	6	Crenshaw, AL	8.3	7.1	26.2	6.1
Columbus, GA	Muscogee, GA	warm	6	Crisp, GA	8.4	13.0	72.6	13.2
Columbus, GA	Muscogee, GA	warm	6	Dale, AL	10.7	11.7	120.9	26.6
Columbus, GA	Muscogee, GA	warm	6	Dallas, AL	18.3	23.2	171.0	219.8
Columbus, GA	Muscogee, GA	warm	6	Decatur, GA	51.8	38.9	70.8	26.5
Columbus, GA	Muscogee, GA	warm	6	Dooly, GA	12.4	20.0	65.0	11.0
Columbus, GA	Muscogee, GA	warm	6	Dougherty, GA	28.0	30.1	258.2	435.4
Columbus, GA	Muscogee, GA	warm	6	Douglas, GA	15.6	14.8	200.6	18.4
Columbus, GA	Muscogee, GA	warm	6	Early, GA	14.9	26.4	157.5	266.3
Columbus, GA	Muscogee, GA	warm	6	Elmore, AL	13.7	15.8	133.0	25.8
Columbus, GA	Muscogee, GA	warm	6	Escambia, AL	40.7	25.6	189.4	794.4
Columbus, GA	Muscogee, GA	warm	6	Fayette, GA	11.6	18.1	112.8	25.1
Columbus, GA	Muscogee, GA	warm	6	Fulton, GA	67.4	47.8	1711.6	290.1
Columbus, GA	Muscogee, GA	warm	6	Gadsden, FL	25.8	16.4	187.5	15.2
Columbus, GA	Muscogee, GA	warm	6	Geneva, AL	18.8	19.9	47.0	12.5
Columbus, GA	Muscogee, GA	warm	6	Hale, AL	6.6	8.1	70.5	7.5
Columbus, GA	Muscogee, GA	warm	6	Haralson, GA	5.6	7.6	49.7	10.1
Columbus, GA	Muscogee, GA	warm	6	Harris, GA	14.5	11.2	64.1	9.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Columbus, GA	Muscogee, GA	warm	6	Heard, GA	14.3	142.8	592.2	3985.4
Columbus, GA	Muscogee, GA	warm	6	Henry, AL	14.5	16.6	41.8	8.1
Columbus, GA	Muscogee, GA	warm	6	Henry, GA	26.3	31.1	332.9	24.0
Columbus, GA	Muscogee, GA	warm	6	Holmes, FL	7.2	6.0	56.4	5.2
Columbus, GA	Muscogee, GA	warm	6	Houston, AL	16.2	24.3	169.9	82.9
Columbus, GA	Muscogee, GA	warm	6	Houston, GA	11.0	15.9	291.5	74.3
Columbus, GA	Muscogee, GA	warm	6	Jackson, FL	31.1	34.2	200.8	203.6
Columbus, GA	Muscogee, GA	warm	6	Jasper, GA	17.7	13.5	28.9	6.6
Columbus, GA	Muscogee, GA	warm	6	Jefferson, AL	83.2	260.2	2257.3	2316.9
Columbus, GA	Muscogee, GA	warm	6	Jones, GA	15.3	9.6	50.2	5.6
Columbus, GA	Muscogee, GA	warm	6	Lamar, GA	4.5	5.8	28.0	7.2
Columbus, GA	Muscogee, GA	warm	6	Lee, AL	15.5	15.3	177.1	58.3
Columbus, GA	Muscogee, GA	warm	6	Lee, GA	36.9	28.3	33.7	9.3
Columbus, GA	Muscogee, GA	warm	6	Liberty, FL	53.6	28.5	27.9	12.1
Columbus, GA	Muscogee, GA	warm	6	Lowndes, AL	13.4	13.7	64.6	7.5
Columbus, GA	Muscogee, GA	warm	6	Macon, AL	27.9	18.3	67.2	11.5
Columbus, GA	Muscogee, GA	warm	6	Macon, GA	10.2	13.2	72.3	13.6
Columbus, GA	Muscogee, GA	warm	6	Marengo, AL	15.4	16.4	525.7	43.4
Columbus, GA	Muscogee, GA	warm	6	Marion, GA	4.7	5.4	14.3	8.4
Columbus, GA	Muscogee, GA	warm	6	Meriwether, GA	11.3	10.5	56.2	11.8
Columbus, GA	Muscogee, GA	warm	6	Miller, GA	8.9	12.4	13.9	2.0
Columbus, GA	Muscogee, GA	warm	6	Mitchell, GA	37.5	31.6	43.4	21.6
Columbus, GA	Muscogee, GA	warm	6	Monroe, AL	18.5	20.3	156.1	116.1
Columbus, GA	Muscogee, GA	warm	6	Monroe, GA	13.9	107.2	809.4	3256.4
Columbus, GA	Muscogee, GA	warm	6	Montgomery, AL	24.4	21.8	451.6	255.4
Columbus, GA	Muscogee, GA	warm	6	Muscogee, GA	9.9	12.7	196.9	72.2
Columbus, GA	Muscogee, GA	warm	6	Okaloosa, FL	74.2	32.3	278.3	45.3
Columbus, GA	Muscogee, GA	warm	6	Paulding, GA	17.7	20.4	102.1	9.8
Columbus, GA	Muscogee, GA	warm	6	Peach, GA	6.5	12.1	59.7	15.9
Columbus, GA	Muscogee, GA	warm	6	Perry, AL	6.0	6.3	22.7	9.1
Columbus, GA	Muscogee, GA	warm	6	Pike, AL	15.2	13.3	75.3	333.6
Columbus, GA	Muscogee, GA	warm	6	Pike, GA	4.9	6.1	18.6	1.8
Columbus, GA	Muscogee, GA	warm	6	Polk, GA	8.0	10.8	62.3	13.6
Columbus, GA	Muscogee, GA	warm	6	Pulaski, GA	8.1	10.8	14.8	3.2
Columbus, GA	Muscogee, GA	warm	6	Quitman, GA	2.6	2.5	5.2	1.1
Columbus, GA	Muscogee, GA	warm	6	Randolph, AL	6.7	6.8	352.0	9.5
Columbus, GA	Muscogee, GA	warm	6	Randolph, GA	12.0	10.3	14.7	4.1
Columbus, GA	Muscogee, GA	warm	6	Russell, AL	44.0	32.8	196.4	318.5
Columbus, GA	Muscogee, GA	warm	6	Schley, GA	3.0	3.9	7.4	3.4
Columbus, GA	Muscogee, GA	warm	6	Seminole, GA	12.7	12.2	18.8	3.5
Columbus, GA	Muscogee, GA	warm	6	Shelby, AL	35.5	235.8	1433.2	5119.9
Columbus, GA	Muscogee, GA	warm	6	Spalding, GA	7.0	13.7	75.1	24.8
Columbus, GA	Muscogee, GA	warm	6	St. Clair, AL	12.2	14.6	246.7	35.5
Columbus, GA	Muscogee, GA	warm	6	Stewart, GA	10.1	5.9	16.2	4.1
Columbus, GA	Muscogee, GA	warm	6	Sumter, GA	15.0	27.0	65.3	39.3
Columbus, GA	Muscogee, GA	warm	6	Talbot, GA	6.4	4.3	28.0	2.6
Columbus, GA	Muscogee, GA	warm	6	Talladega, AL	18.9	21.2	165.0	41.9
Columbus, GA	Muscogee, GA	warm	6	Tallapoosa, AL	8.2	8.8	79.6	28.3
Columbus, GA	Muscogee, GA	warm	6	Taylor, GA	4.8	6.1	28.0	2.4
Columbus, GA	Muscogee, GA	warm	6	Terrell, GA	13.2	14.2	22.6	6.5
Columbus, GA	Muscogee, GA	warm	6	Troup, GA	10.8	15.1	134.7	46.9
Columbus, GA	Muscogee, GA	warm	6	Turner, GA	7.4	8.9	53.6	4.7
Columbus, GA	Muscogee, GA	warm	6	Tuscaloosa, AL	25.8	23.5	376.4	161.6
Columbus, GA	Muscogee, GA	warm	6	Upson, GA	4.6	7.0	39.5	16.3
Columbus, GA	Muscogee, GA	warm	6	Walton, FL	35.8	17.5	168.7	15.7
Columbus, GA	Muscogee, GA	warm	6	Washington, FL	19.6	11.9	107.9	8.0
Columbus, GA	Muscogee, GA	warm	6	Webster, GA	3.9	4.3	10.0	1.9
Columbus, GA	Muscogee, GA	warm	6	Wilcox, AL	27.6	27.9	129.9	106.0
Columbus, GA	Muscogee, GA	warm	6	Wilcox, GA	10.2	10.9	23.0	3.2
Columbus, GA	Muscogee, GA	warm	6	Worth, GA	20.3	24.4	37.5	4.1
Columbus, GA	Russell, AL	cold	6	Autauga, AL	5.7	12.2	124.7	88.6
Columbus, GA	Russell, AL	cold	6	Baker, GA	32.2	17.9	11.3	6.9
Columbus, GA	Russell, AL	cold	6	Barbour, AL	16.6	13.0	49.2	17.5
Columbus, GA	Russell, AL	cold	6	Bay, FL	20.3	34.7	399.4	672.3
Columbus, GA	Russell, AL	cold	6	Bibb, AL	6.3	4.6	28.2	5.5
Columbus, GA	Russell, AL	cold	6	Bibb, GA	8.4	13.2	238.1	70.4
Columbus, GA	Russell, AL	cold	6	Bullock, AL	84.0	47.1	39.1	17.4
Columbus, GA	Russell, AL	cold	6	Butler, AL	8.2	6.5	54.2	10.3
Columbus, GA	Russell, AL	cold	6	Butts, GA	4.0	4.7	34.8	4.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Columbus, GA	Russell, AL	cold	6	Calhoun, AL	16.7	18.0	238.3	61.6
Columbus, GA	Russell, AL	cold	6	Calhoun, FL	11.8	7.1	12.9	3.0
Columbus, GA	Russell, AL	cold	6	Calhoun, GA	12.3	9.7	9.9	3.1
Columbus, GA	Russell, AL	cold	6	Carroll, GA	15.1	21.3	117.8	31.8
Columbus, GA	Russell, AL	cold	6	Chambers, AL	6.8	7.3	59.0	17.1
Columbus, GA	Russell, AL	cold	6	Chattahoochee, GA	2.7	2.4	7.4	0.8
Columbus, GA	Russell, AL	cold	6	Cherokee, AL	6.8	9.9	35.8	6.1
Columbus, GA	Russell, AL	cold	6	Chilton, AL	8.4	8.2	78.3	14.0
Columbus, GA	Russell, AL	cold	6	Clarke, AL	24.6	15.3	61.0	41.4
Columbus, GA	Russell, AL	cold	6	Clay, AL	5.6	4.9	26.5	5.7
Columbus, GA	Russell, AL	cold	6	Clay, GA	3.5	4.6	5.1	0.6
Columbus, GA	Russell, AL	cold	6	Clayton, GA	9.5	7.4	424.9	41.7
Columbus, GA	Russell, AL	cold	6	Cleburne, AL	8.5	5.2	49.7	4.9
Columbus, GA	Russell, AL	cold	6	Coffee, AL	10.4	11.6	50.6	18.3
Columbus, GA	Russell, AL	cold	6	Conecuh, AL	10.8	6.7	42.5	6.4
Columbus, GA	Russell, AL	cold	6	Coosa, AL	6.2	5.9	22.9	3.1
Columbus, GA	Russell, AL	cold	6	Covington, AL	24.7	17.0	55.3	22.2
Columbus, GA	Russell, AL	cold	6	Coweta, GA	17.0	84.1	466.6	1904.9
Columbus, GA	Russell, AL	cold	6	Crawford, GA	2.8	3.7	12.9	1.2
Columbus, GA	Russell, AL	cold	6	Crenshaw, AL	6.0	5.2	18.9	4.4
Columbus, GA	Russell, AL	cold	6	Crisp, GA	6.1	9.4	52.4	9.5
Columbus, GA	Russell, AL	cold	6	Dale, AL	7.7	8.4	87.2	19.2
Columbus, GA	Russell, AL	cold	6	Dallas, AL	13.2	16.8	123.4	158.6
Columbus, GA	Russell, AL	cold	6	Decatur, GA	37.4	28.1	51.1	19.1
Columbus, GA	Russell, AL	cold	6	Dooly, GA	8.9	14.4	46.9	8.0
Columbus, GA	Russell, AL	cold	6	Dougherty, GA	20.2	21.7	186.3	314.2
Columbus, GA	Russell, AL	cold	6	Douglas, GA	11.2	10.7	144.8	13.3
Columbus, GA	Russell, AL	cold	6	Early, GA	10.8	19.1	113.7	192.2
Columbus, GA	Russell, AL	cold	6	Elmore, AL	9.9	11.4	96.0	18.6
Columbus, GA	Russell, AL	cold	6	Escambia, AL	29.3	18.5	136.7	573.3
Columbus, GA	Russell, AL	cold	6	Fayette, GA	8.4	13.1	81.4	18.1
Columbus, GA	Russell, AL	cold	6	Fulton, GA	48.6	34.5	1235.3	209.4
Columbus, GA	Russell, AL	cold	6	Gadsden, FL	18.6	11.9	135.3	10.9
Columbus, GA	Russell, AL	cold	6	Geneva, AL	13.6	14.3	34.0	9.0
Columbus, GA	Russell, AL	cold	6	Hale, AL	4.8	5.8	50.9	5.4
Columbus, GA	Russell, AL	cold	6	Haralson, GA	4.1	5.5	35.9	7.3
Columbus, GA	Russell, AL	cold	6	Harris, GA	10.5	8.1	46.3	6.9
Columbus, GA	Russell, AL	cold	6	Heard, GA	10.3	103.1	427.4	2876.3
Columbus, GA	Russell, AL	cold	6	Henry, AL	10.5	12.0	30.2	5.8
Columbus, GA	Russell, AL	cold	6	Henry, GA	19.0	22.5	240.2	17.3
Columbus, GA	Russell, AL	cold	6	Holmes, FL	5.2	4.4	40.7	3.8
Columbus, GA	Russell, AL	cold	6	Houston, AL	11.7	17.5	122.6	59.8
Columbus, GA	Russell, AL	cold	6	Houston, GA	7.9	11.5	210.4	53.6
Columbus, GA	Russell, AL	cold	6	Jackson, FL	22.4	24.7	144.9	146.9
Columbus, GA	Russell, AL	cold	6	Jasper, GA	12.8	9.7	20.9	4.8
Columbus, GA	Russell, AL	cold	6	Jefferson, AL	60.0	187.8	1629.1	1672.1
Columbus, GA	Russell, AL	cold	6	Jones, GA	11.0	6.9	36.2	4.1
Columbus, GA	Russell, AL	cold	6	Lamar, GA	3.2	4.2	20.2	5.2
Columbus, GA	Russell, AL	cold	6	Lee, AL	11.2	11.0	127.8	42.1
Columbus, GA	Russell, AL	cold	6	Lee, GA	26.6	20.4	24.3	6.7
Columbus, GA	Russell, AL	cold	6	Liberty, FL	38.7	20.6	20.1	8.8
Columbus, GA	Russell, AL	cold	6	Lowndes, AL	9.6	9.9	46.7	5.4
Columbus, GA	Russell, AL	cold	6	Macon, AL	20.2	13.2	48.5	8.3
Columbus, GA	Russell, AL	cold	6	Macon, GA	7.4	9.5	52.2	9.8
Columbus, GA	Russell, AL	cold	6	Marengo, AL	11.1	11.8	379.4	31.3
Columbus, GA	Russell, AL	cold	6	Marion, GA	3.4	3.9	10.3	6.1
Columbus, GA	Russell, AL	cold	6	Meriwether, GA	8.1	7.6	40.6	8.5
Columbus, GA	Russell, AL	cold	6	Miller, GA	6.5	8.9	10.0	1.4
Columbus, GA	Russell, AL	cold	6	Mitchell, GA	27.0	22.8	31.4	15.6
Columbus, GA	Russell, AL	cold	6	Monroe, AL	13.4	14.7	112.6	83.8
Columbus, GA	Russell, AL	cold	6	Monroe, GA	10.0	77.3	584.1	2350.1
Columbus, GA	Russell, AL	cold	6	Montgomery, AL	17.6	15.8	325.9	184.3
Columbus, GA	Russell, AL	cold	6	Muscogee, GA	7.2	9.2	142.1	52.1
Columbus, GA	Russell, AL	cold	6	Okaloosa, FL	53.6	23.3	200.8	32.7
Columbus, GA	Russell, AL	cold	6	Paulding, GA	12.8	14.7	73.7	7.1
Columbus, GA	Russell, AL	cold	6	Peach, GA	4.7	8.8	43.1	11.5
Columbus, GA	Russell, AL	cold	6	Perry, AL	4.3	4.6	16.4	6.6
Columbus, GA	Russell, AL	cold	6	Pike, AL	11.0	9.6	54.3	240.8
Columbus, GA	Russell, AL	cold	6	Pike, GA	3.6	4.4	13.5	1.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Columbus, GA	Russell, AL	cold	6	Polk, GA	5.8	7.8	44.9	9.8
Columbus, GA	Russell, AL	cold	6	Pulaski, GA	5.9	7.8	10.7	2.3
Columbus, GA	Russell, AL	cold	6	Quitman, GA	1.9	1.8	3.7	0.8
Columbus, GA	Russell, AL	cold	6	Randolph, AL	4.8	4.9	254.1	6.9
Columbus, GA	Russell, AL	cold	6	Randolph, GA	8.7	7.4	10.6	3.0
Columbus, GA	Russell, AL	cold	6	Russell, AL	31.8	23.7	141.8	229.8
Columbus, GA	Russell, AL	cold	6	Schley, GA	2.2	2.8	5.3	2.5
Columbus, GA	Russell, AL	cold	6	Seminole, GA	9.2	8.8	13.6	2.5
Columbus, GA	Russell, AL	cold	6	Shelby, AL	25.6	170.1	1034.4	3695.1
Columbus, GA	Russell, AL	cold	6	Spalding, GA	5.1	9.9	54.2	17.9
Columbus, GA	Russell, AL	cold	6	St. Clair, AL	8.8	10.5	178.1	25.6
Columbus, GA	Russell, AL	cold	6	Stewart, GA	7.3	4.2	11.7	3.0
Columbus, GA	Russell, AL	cold	6	Sumter, GA	10.8	19.5	47.2	28.4
Columbus, GA	Russell, AL	cold	6	Talbot, GA	4.6	3.1	20.2	1.9
Columbus, GA	Russell, AL	cold	6	Talladega, AL	13.6	15.3	119.1	30.2
Columbus, GA	Russell, AL	cold	6	Tallapoosa, AL	5.9	6.3	57.4	20.5
Columbus, GA	Russell, AL	cold	6	Taylor, GA	3.5	4.4	20.2	1.8
Columbus, GA	Russell, AL	cold	6	Terrell, GA	9.5	10.3	16.3	4.7
Columbus, GA	Russell, AL	cold	6	Troup, GA	7.8	10.9	97.2	33.9
Columbus, GA	Russell, AL	cold	6	Turner, GA	5.3	6.4	38.7	3.4
Columbus, GA	Russell, AL	cold	6	Tuscaloosa, AL	18.6	17.0	271.6	116.6
Columbus, GA	Russell, AL	cold	6	Upson, GA	3.3	5.0	28.5	11.8
Columbus, GA	Russell, AL	cold	6	Walton, FL	25.8	12.7	121.8	11.4
Columbus, GA	Russell, AL	cold	6	Washington, FL	14.1	8.6	77.8	5.8
Columbus, GA	Russell, AL	cold	6	Webster, GA	2.8	3.1	7.2	1.4
Columbus, GA	Russell, AL	cold	6	Wilcox, AL	19.9	20.1	93.8	76.5
Columbus, GA	Russell, AL	cold	6	Wilcox, GA	7.4	7.8	16.6	2.3
Columbus, GA	Russell, AL	cold	6	Worth, GA	14.7	17.6	27.1	3.0
Columbus, GA	Russell, AL	warm	14	Autauga, AL	18.5	39.4	403.3	286.4
Columbus, GA	Russell, AL	warm	14	Baker, GA	104.2	57.7	36.6	22.4
Columbus, GA	Russell, AL	warm	14	Barbour, AL	53.8	41.9	159.2	56.7
Columbus, GA	Russell, AL	warm	14	Bay, FL	65.6	112.3	1291.3	2173.7
Columbus, GA	Russell, AL	warm	14	Bibb, AL	20.3	14.9	91.1	17.7
Columbus, GA	Russell, AL	warm	14	Bibb, GA	27.0	42.6	769.9	227.5
Columbus, GA	Russell, AL	warm	14	Bullock, AL	271.7	152.3	126.6	56.4
Columbus, GA	Russell, AL	warm	14	Butler, AL	26.4	21.2	175.3	33.2
Columbus, GA	Russell, AL	warm	14	Butts, GA	13.1	15.2	112.5	16.0
Columbus, GA	Russell, AL	warm	14	Calhoun, AL	53.9	58.3	770.6	199.2
Columbus, GA	Russell, AL	warm	14	Calhoun, FL	38.1	22.9	41.8	9.6
Columbus, GA	Russell, AL	warm	14	Calhoun, GA	39.6	31.4	32.1	10.0
Columbus, GA	Russell, AL	warm	14	Carroll, GA	48.7	68.9	380.8	102.8
Columbus, GA	Russell, AL	warm	14	Chambers, AL	22.1	23.6	190.7	55.3
Columbus, GA	Russell, AL	warm	14	Chattahoochee, GA	8.6	7.8	24.0	2.4
Columbus, GA	Russell, AL	warm	14	Cherokee, AL	21.9	31.9	115.6	19.7
Columbus, GA	Russell, AL	warm	14	Chilton, AL	27.3	26.5	253.3	45.2
Columbus, GA	Russell, AL	warm	14	Clarke, AL	79.5	49.5	197.1	133.8
Columbus, GA	Russell, AL	warm	14	Clay, AL	18.1	15.8	85.7	18.5
Columbus, GA	Russell, AL	warm	14	Clay, GA	11.3	14.9	16.6	1.8
Columbus, GA	Russell, AL	warm	14	Clayton, GA	30.9	24.0	1373.9	134.9
Columbus, GA	Russell, AL	warm	14	Cleburne, AL	27.5	16.8	160.7	15.8
Columbus, GA	Russell, AL	warm	14	Coffee, AL	33.6	37.6	163.5	59.0
Columbus, GA	Russell, AL	warm	14	Conecuh, AL	34.9	21.5	137.4	20.8
Columbus, GA	Russell, AL	warm	14	Coosa, AL	20.2	19.1	74.1	10.1
Columbus, GA	Russell, AL	warm	14	Covington, AL	80.0	54.9	178.7	71.9
Columbus, GA	Russell, AL	warm	14	Coweta, GA	54.9	271.8	1508.6	6158.8
Columbus, GA	Russell, AL	warm	14	Crawford, GA	9.0	12.1	41.7	4.0
Columbus, GA	Russell, AL	warm	14	Crenshaw, AL	19.4	16.7	61.1	14.3
Columbus, GA	Russell, AL	warm	14	Crisp, GA	19.6	30.4	169.3	30.8
Columbus, GA	Russell, AL	warm	14	Dale, AL	24.9	27.3	282.0	62.0
Columbus, GA	Russell, AL	warm	14	Dallas, AL	42.8	54.2	398.9	512.8
Columbus, GA	Russell, AL	warm	14	Decatur, GA	120.9	90.8	165.3	61.8
Columbus, GA	Russell, AL	warm	14	Dooly, GA	28.9	46.7	151.7	25.7
Columbus, GA	Russell, AL	warm	14	Dougherty, GA	65.4	70.2	602.4	1015.9
Columbus, GA	Russell, AL	warm	14	Douglas, GA	36.3	34.6	468.1	43.0
Columbus, GA	Russell, AL	warm	14	Early, GA	34.9	61.7	367.5	621.4
Columbus, GA	Russell, AL	warm	14	Elmore, AL	31.9	37.0	310.4	60.2
Columbus, GA	Russell, AL	warm	14	Escambia, AL	94.9	59.8	442.0	1853.6
Columbus, GA	Russell, AL	warm	14	Fayette, GA	27.1	42.3	263.2	58.6
Columbus, GA	Russell, AL	warm	14	Fulton, GA	157.2	111.5	3993.7	677.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Columbus, GA	Russell, AL	warm	14	Gadsden, FL	60.2	38.4	437.5	35.4
Columbus, GA	Russell, AL	warm	14	Geneva, AL	43.9	46.4	109.8	29.1
Columbus, GA	Russell, AL	warm	14	Hale, AL	15.4	18.8	164.6	17.4
Columbus, GA	Russell, AL	warm	14	Haralson, GA	13.1	17.6	116.1	23.6
Columbus, GA	Russell, AL	warm	14	Harris, GA	33.9	26.1	149.7	22.3
Columbus, GA	Russell, AL	warm	14	Heard, GA	33.3	333.3	1381.9	9299.3
Columbus, GA	Russell, AL	warm	14	Henry, AL	33.9	38.7	97.5	18.8
Columbus, GA	Russell, AL	warm	14	Henry, GA	61.3	72.6	776.7	55.9
Columbus, GA	Russell, AL	warm	14	Holmes, FL	16.7	14.1	131.7	12.2
Columbus, GA	Russell, AL	warm	14	Houston, AL	37.9	56.6	396.5	193.3
Columbus, GA	Russell, AL	warm	14	Houston, GA	25.7	37.2	680.2	173.3
Columbus, GA	Russell, AL	warm	14	Jackson, FL	72.5	79.7	468.4	475.0
Columbus, GA	Russell, AL	warm	14	Jasper, GA	41.2	31.5	67.5	15.4
Columbus, GA	Russell, AL	warm	14	Jefferson, AL	194.1	607.1	5267.0	5406.1
Columbus, GA	Russell, AL	warm	14	Jones, GA	35.7	22.4	117.1	13.1
Columbus, GA	Russell, AL	warm	14	Lamar, GA	10.4	13.5	65.4	16.7
Columbus, GA	Russell, AL	warm	14	Lee, AL	36.2	35.7	413.2	136.1
Columbus, GA	Russell, AL	warm	14	Lee, GA	86.0	66.0	78.6	21.8
Columbus, GA	Russell, AL	warm	14	Liberty, FL	125.0	66.6	65.0	28.3
Columbus, GA	Russell, AL	warm	14	Lowndes, AL	31.2	31.9	150.8	17.5
Columbus, GA	Russell, AL	warm	14	Macon, AL	65.2	42.6	156.7	26.8
Columbus, GA	Russell, AL	warm	14	Macon, GA	23.9	30.7	168.7	31.6
Columbus, GA	Russell, AL	warm	14	Marengo, AL	36.0	38.2	1226.7	101.2
Columbus, GA	Russell, AL	warm	14	Marion, GA	11.0	12.6	33.4	19.7
Columbus, GA	Russell, AL	warm	14	Meriwether, GA	26.3	24.6	131.2	27.5
Columbus, GA	Russell, AL	warm	14	Miller, GA	20.9	28.8	32.4	4.7
Columbus, GA	Russell, AL	warm	14	Mitchell, GA	87.5	73.7	101.4	50.4
Columbus, GA	Russell, AL	warm	14	Monroe, AL	43.3	47.4	364.1	270.9
Columbus, GA	Russell, AL	warm	14	Monroe, GA	32.5	250.0	1888.5	7598.2
Columbus, GA	Russell, AL	warm	14	Montgomery, AL	56.9	51.0	1053.7	595.9
Columbus, GA	Russell, AL	warm	14	Muscogee, GA	23.1	29.6	459.4	168.5
Columbus, GA	Russell, AL	warm	14	Okaloosa, FL	173.1	75.4	649.4	105.6
Columbus, GA	Russell, AL	warm	14	Paulding, GA	41.4	47.5	238.2	22.9
Columbus, GA	Russell, AL	warm	14	Peach, GA	15.1	28.3	139.3	37.1
Columbus, GA	Russell, AL	warm	14	Perry, AL	14.0	14.8	53.0	21.3
Columbus, GA	Russell, AL	warm	14	Pike, AL	35.5	31.0	175.6	778.4
Columbus, GA	Russell, AL	warm	14	Pike, GA	11.5	14.3	43.5	4.2
Columbus, GA	Russell, AL	warm	14	Polk, GA	18.7	25.3	145.3	31.8
Columbus, GA	Russell, AL	warm	14	Pulaski, GA	19.0	25.3	34.6	7.4
Columbus, GA	Russell, AL	warm	14	Quitman, GA	6.1	5.9	12.0	2.6
Columbus, GA	Russell, AL	warm	14	Randolph, AL	15.6	15.8	821.4	22.2
Columbus, GA	Russell, AL	warm	14	Randolph, GA	28.0	24.0	34.2	9.6
Columbus, GA	Russell, AL	warm	14	Russell, AL	102.8	76.5	458.3	743.1
Columbus, GA	Russell, AL	warm	14	Schley, GA	7.0	9.1	17.2	8.0
Columbus, GA	Russell, AL	warm	14	Seminole, GA	29.6	28.4	43.9	8.2
Columbus, GA	Russell, AL	warm	14	Shelby, AL	82.9	550.1	3344.2	11946.5
Columbus, GA	Russell, AL	warm	14	Spalding, GA	16.4	31.9	175.2	57.9
Columbus, GA	Russell, AL	warm	14	St. Clair, AL	28.5	34.0	575.7	82.7
Columbus, GA	Russell, AL	warm	14	Stewart, GA	23.5	13.7	37.7	9.6
Columbus, GA	Russell, AL	warm	14	Sumter, GA	35.0	62.9	152.5	91.7
Columbus, GA	Russell, AL	warm	14	Talbot, GA	14.9	10.1	65.3	6.1
Columbus, GA	Russell, AL	warm	14	Talladega, AL	44.1	49.4	385.1	97.7
Columbus, GA	Russell, AL	warm	14	Tallapoosa, AL	19.2	20.5	185.7	66.1
Columbus, GA	Russell, AL	warm	14	Taylor, GA	11.2	14.3	65.4	5.7
Columbus, GA	Russell, AL	warm	14	Terrell, GA	30.8	33.1	52.8	15.1
Columbus, GA	Russell, AL	warm	14	Troup, GA	25.3	35.1	314.2	109.5
Columbus, GA	Russell, AL	warm	14	Turner, GA	17.2	20.7	125.2	11.0
Columbus, GA	Russell, AL	warm	14	Tuscaloosa, AL	60.2	54.9	878.2	377.1
Columbus, GA	Russell, AL	warm	14	Upson, GA	10.8	16.2	92.1	38.1
Columbus, GA	Russell, AL	warm	14	Walton, FL	83.5	40.9	393.7	36.7
Columbus, GA	Russell, AL	warm	14	Washington, FL	45.7	27.8	251.7	18.7
Columbus, GA	Russell, AL	warm	14	Webster, GA	9.1	10.0	23.2	4.4
Columbus, GA	Russell, AL	warm	14	Wilcox, AL	64.5	65.1	303.1	247.4
Columbus, GA	Russell, AL	warm	14	Wilcox, GA	23.9	25.3	53.7	7.4
Columbus, GA	Russell, AL	warm	14	Worth, GA	47.4	57.0	87.5	9.7
Columbus, OH	Franklin, OH	cold	8	Adams, IN	4.0	19.6	49.6	29.3
Columbus, OH	Franklin, OH	cold	8	Adams, OH	11.7	112.3	797.7	2979.2
Columbus, OH	Franklin, OH	cold	8	Allen, IN	16.3	51.9	361.3	94.2
Columbus, OH	Franklin, OH	cold	8	Allen, OH	11.7	20.7	219.2	102.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Columbus, OH	Franklin, OH	cold	8	Ashland, OH	8.6	11.7	79.9	5.2
Columbus, OH	Franklin, OH	cold	8	Athens, OH	5.4	5.4	77.2	34.4
Columbus, OH	Franklin, OH	cold	8	Auglaize, OH	4.4	10.7	66.8	50.8
Columbus, OH	Franklin, OH	cold	8	Belmont, OH	9.2	53.3	235.6	896.8
Columbus, OH	Franklin, OH	cold	8	Boone, KY	14.5	22.1	255.9	126.9
Columbus, OH	Franklin, OH	cold	8	Boyd, KY	9.7	24.1	238.8	247.7
Columbus, OH	Franklin, OH	cold	8	Bracken, KY	1.2	2.0	11.6	1.2
Columbus, OH	Franklin, OH	cold	8	Brown, OH	5.9	9.5	61.8	7.8
Columbus, OH	Franklin, OH	cold	8	Butler, OH	13.3	34.4	392.9	250.9
Columbus, OH	Franklin, OH	cold	8	Cabell, WV	10.2	11.8	251.0	102.7
Columbus, OH	Franklin, OH	cold	8	Campbell, KY	4.2	5.1	99.8	17.3
Columbus, OH	Franklin, OH	cold	8	Carroll, OH	3.3	4.5	38.4	2.9
Columbus, OH	Franklin, OH	cold	8	Champaign, OH	4.0	9.9	35.9	3.1
Columbus, OH	Franklin, OH	cold	8	Clark, OH	6.8	15.0	130.5	10.1
Columbus, OH	Franklin, OH	cold	8	Clermont, OH	17.3	96.8	843.1	2130.7
Columbus, OH	Franklin, OH	cold	8	Clinton, OH	5.2	10.5	64.6	4.7
Columbus, OH	Franklin, OH	cold	8	Columbiana, OH	8.6	10.1	103.2	12.4
Columbus, OH	Franklin, OH	cold	8	Coshocton, OH	11.4	130.3	543.8	2518.9
Columbus, OH	Franklin, OH	cold	8	Crawford, OH	4.7	10.6	67.5	5.4
Columbus, OH	Franklin, OH	cold	8	Cuyahoga, OH	38.2	26.2	1139.2	305.6
Columbus, OH	Franklin, OH	cold	8	Darke, OH	5.7	19.1	58.3	5.1
Columbus, OH	Franklin, OH	cold	8	Dearborn, IN	6.8	51.2	303.8	1129.9
Columbus, OH	Franklin, OH	cold	8	Defiance, OH	8.5	27.9	85.8	5.6
Columbus, OH	Franklin, OH	cold	8	Delaware, OH	12.1	20.2	160.4	13.7
Columbus, OH	Franklin, OH	cold	8	Erie, OH	7.3	9.8	168.8	26.5
Columbus, OH	Franklin, OH	cold	8	Fairfield, OH	9.2	16.2	140.1	10.6
Columbus, OH	Franklin, OH	cold	8	Fayette, OH	3.4	11.1	51.9	3.7
Columbus, OH	Franklin, OH	cold	8	Franklin, IN	2.8	7.6	28.9	3.8
Columbus, OH	Franklin, OH	cold	8	Franklin, OH	31.3	23.8	889.3	96.6
Columbus, OH	Franklin, OH	cold	8	Fulton, OH	8.6	14.6	110.8	7.3
Columbus, OH	Franklin, OH	cold	8	Gallia, OH	11.8	135.0	1392.3	2375.1
Columbus, OH	Franklin, OH	cold	8	Greene, OH	6.2	15.7	200.4	42.4
Columbus, OH	Franklin, OH	cold	8	Greenup, KY	3.5	3.7	96.7	51.5
Columbus, OH	Franklin, OH	cold	8	Guernsey, OH	6.1	5.5	141.4	18.8
Columbus, OH	Franklin, OH	cold	8	Hamilton, OH	29.3	106.8	1180.7	2078.7
Columbus, OH	Franklin, OH	cold	8	Hancock, OH	6.5	16.0	103.1	7.8
Columbus, OH	Franklin, OH	cold	8	Hardin, OH	3.6	11.6	40.1	3.6
Columbus, OH	Franklin, OH	cold	8	Harrison, OH	2.3	2.8	15.5	3.1
Columbus, OH	Franklin, OH	cold	8	Henry, OH	4.0	11.4	45.6	82.5
Columbus, OH	Franklin, OH	cold	8	Highland, OH	5.2	9.4	36.5	3.1
Columbus, OH	Franklin, OH	cold	8	Hocking, OH	3.9	4.5	50.6	5.4
Columbus, OH	Franklin, OH	cold	8	Holmes, OH	5.8	8.6	35.5	3.9
Columbus, OH	Franklin, OH	cold	8	Huron, OH	6.1	11.8	68.5	6.2
Columbus, OH	Franklin, OH	cold	8	Jackson, OH	4.0	4.4	24.3	3.5
Columbus, OH	Franklin, OH	cold	8	Jackson, WV	4.4	13.6	71.6	78.4
Columbus, OH	Franklin, OH	cold	8	Jay, IN	2.6	15.4	32.2	15.4
Columbus, OH	Franklin, OH	cold	8	Jefferson, OH	17.0	217.5	1088.6	5283.6
Columbus, OH	Franklin, OH	cold	8	Kenton, KY	6.4	6.0	149.0	30.7
Columbus, OH	Franklin, OH	cold	8	Knox, OH	6.5	10.8	50.8	4.4
Columbus, OH	Franklin, OH	cold	8	Lawrence, OH	15.9	9.1	88.9	13.5
Columbus, OH	Franklin, OH	cold	8	Lewis, KY	3.3	3.4	69.6	11.6
Columbus, OH	Franklin, OH	cold	8	Licking, OH	17.9	27.4	175.4	18.1
Columbus, OH	Franklin, OH	cold	8	Logan, OH	5.4	10.7	51.8	4.3
Columbus, OH	Franklin, OH	cold	8	Lorain, OH	18.2	60.6	544.7	1049.3
Columbus, OH	Franklin, OH	cold	8	Lucas, OH	17.9	30.5	742.3	626.2
Columbus, OH	Franklin, OH	cold	8	Madison, OH	4.2	15.5	73.6	4.5
Columbus, OH	Franklin, OH	cold	8	Mahoning, OH	8.0	8.6	237.9	45.4
Columbus, OH	Franklin, OH	cold	8	Marion, OH	5.7	13.5	80.7	15.4
Columbus, OH	Franklin, OH	cold	8	Marshall, WV	7.3	85.3	941.8	2783.5
Columbus, OH	Franklin, OH	cold	8	Mason, KY	4.7	37.5	264.1	969.0
Columbus, OH	Franklin, OH	cold	8	Mason, WV	7.2	66.1	579.3	1954.2
Columbus, OH	Franklin, OH	cold	8	Medina, OH	13.2	15.9	161.6	17.9
Columbus, OH	Franklin, OH	cold	8	Meigs, OH	3.6	3.7	51.0	8.0
Columbus, OH	Franklin, OH	cold	8	Mercer, OH	4.3	14.0	37.2	3.5
Columbus, OH	Franklin, OH	cold	8	Miami, OH	5.3	14.2	94.0	7.1
Columbus, OH	Franklin, OH	cold	8	Monroe, OH	3.6	8.0	58.4	81.0
Columbus, OH	Franklin, OH	cold	8	Montgomery, OH	15.0	20.3	497.9	223.3
Columbus, OH	Franklin, OH	cold	8	Morgan, OH	2.1	3.1	9.5	0.8
Columbus, OH	Franklin, OH	cold	8	Morrow, OH	4.9	9.5	58.7	3.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Columbus, OH	Franklin, OH	cold	8	Muskingum, OH	7.6	11.5	110.0	24.2
Columbus, OH	Franklin, OH	cold	8	Noble, OH	2.2	2.8	32.9	1.3
Columbus, OH	Franklin, OH	cold	8	Ohio, WV	3.5	3.4	78.4	12.8
Columbus, OH	Franklin, OH	cold	8	Ottawa, OH	6.5	11.4	130.0	30.4
Columbus, OH	Franklin, OH	cold	8	Paulding, OH	3.1	9.7	41.9	11.2
Columbus, OH	Franklin, OH	cold	8	Pendleton, KY	2.4	4.0	79.3	11.8
Columbus, OH	Franklin, OH	cold	8	Perry, OH	3.5	5.7	45.1	4.0
Columbus, OH	Franklin, OH	cold	8	Pickaway, OH	5.5	21.8	118.4	160.3
Columbus, OH	Franklin, OH	cold	8	Pike, OH	6.1	6.8	44.2	56.3
Columbus, OH	Franklin, OH	cold	8	Pleasants, WV	3.4	35.0	351.7	1462.5
Columbus, OH	Franklin, OH	cold	8	Portage, OH	11.7	11.8	171.4	12.9
Columbus, OH	Franklin, OH	cold	8	Preble, OH	5.3	11.9	64.6	4.0
Columbus, OH	Franklin, OH	cold	8	Putnam, OH	4.7	14.7	54.0	4.4
Columbus, OH	Franklin, OH	cold	8	Randolph, IN	4.2	17.8	61.0	16.1
Columbus, OH	Franklin, OH	cold	8	Richland, OH	9.3	14.3	163.9	103.1
Columbus, OH	Franklin, OH	cold	8	Ritchie, WV	1.0	2.0	16.7	3.0
Columbus, OH	Franklin, OH	cold	8	Ross, OH	8.0	13.1	158.6	576.0
Columbus, OH	Franklin, OH	cold	8	Sandusky, OH	6.2	16.3	173.8	51.7
Columbus, OH	Franklin, OH	cold	8	Scioto, OH	9.8	7.9	117.5	13.1
Columbus, OH	Franklin, OH	cold	8	Seneca, OH	7.1	15.3	95.7	53.5
Columbus, OH	Franklin, OH	cold	8	Shelby, OH	5.2	10.7	75.0	13.7
Columbus, OH	Franklin, OH	cold	8	Stark, OH	13.5	19.7	307.7	55.0
Columbus, OH	Franklin, OH	cold	8	Summit, OH	13.6	10.0	409.4	295.9
Columbus, OH	Franklin, OH	cold	8	Tuscarawas, OH	6.9	7.8	116.0	68.2
Columbus, OH	Franklin, OH	cold	8	Tyler, WV	1.3	2.4	33.5	11.6
Columbus, OH	Franklin, OH	cold	8	Union, IN	1.1	5.5	16.9	1.7
Columbus, OH	Franklin, OH	cold	8	Union, OH	7.3	16.6	56.4	5.0
Columbus, OH	Franklin, OH	cold	8	Van Wert, OH	3.1	13.0	39.3	29.1
Columbus, OH	Franklin, OH	cold	8	Vinton, OH	2.0	2.4	11.2	1.7
Columbus, OH	Franklin, OH	cold	8	Warren, OH	12.6	17.7	170.9	13.4
Columbus, OH	Franklin, OH	cold	8	Washington, OH	17.5	155.3	573.8	3876.3
Columbus, OH	Franklin, OH	cold	8	Wayne, IN	5.5	34.5	117.8	303.4
Columbus, OH	Franklin, OH	cold	8	Wayne, OH	11.1	21.4	178.0	113.5
Columbus, OH	Franklin, OH	cold	8	Wayne, WV	10.5	4.6	179.7	24.6
Columbus, OH	Franklin, OH	cold	8	Wetzel, WV	2.0	2.4	94.0	16.3
Columbus, OH	Franklin, OH	cold	8	Williams, OH	5.2	10.3	91.8	5.5
Columbus, OH	Franklin, OH	cold	8	Wirt, WV	0.6	1.6	3.2	0.4
Columbus, OH	Franklin, OH	cold	8	Wood, OH	9.7	19.4	198.1	13.6
Columbus, OH	Franklin, OH	cold	8	Wood, WV	9.9	12.2	138.3	147.2
Columbus, OH	Franklin, OH	cold	8	Wyandot, OH	3.4	12.3	41.3	3.0
Columbus, OH	Franklin, OH	warm	23	Adams, IN	13.4	65.3	164.9	97.5
Columbus, OH	Franklin, OH	warm	23	Adams, OH	38.7	373.3	2652.7	9907.2
Columbus, OH	Franklin, OH	warm	23	Allen, IN	54.3	172.6	1201.5	313.2
Columbus, OH	Franklin, OH	warm	23	Allen, OH	38.9	69.0	729.1	341.3
Columbus, OH	Franklin, OH	warm	23	Ashland, OH	28.5	39.1	265.7	17.3
Columbus, OH	Franklin, OH	warm	23	Athens, OH	17.9	17.9	256.8	114.4
Columbus, OH	Franklin, OH	warm	23	Auglaize, OH	14.6	35.4	222.0	169.1
Columbus, OH	Franklin, OH	warm	23	Belmont, OH	30.7	177.3	783.6	2982.4
Columbus, OH	Franklin, OH	warm	23	Boone, KY	48.2	73.5	851.2	422.2
Columbus, OH	Franklin, OH	warm	23	Boyd, KY	32.3	80.2	794.0	823.6
Columbus, OH	Franklin, OH	warm	23	Bracken, KY	3.8	6.8	38.6	4.1
Columbus, OH	Franklin, OH	warm	23	Brown, OH	19.5	31.6	205.6	26.1
Columbus, OH	Franklin, OH	warm	23	Butler, OH	44.2	114.4	1306.7	834.2
Columbus, OH	Franklin, OH	warm	23	Cabell, WV	34.0	39.2	834.9	341.6
Columbus, OH	Franklin, OH	warm	23	Campbell, KY	14.1	17.0	331.8	57.4
Columbus, OH	Franklin, OH	warm	23	Carroll, OH	11.1	15.1	127.6	9.6
Columbus, OH	Franklin, OH	warm	23	Champaign, OH	13.2	33.0	119.3	10.2
Columbus, OH	Franklin, OH	warm	23	Clark, OH	22.5	49.9	434.0	33.4
Columbus, OH	Franklin, OH	warm	23	Clermont, OH	57.5	322.0	2803.7	7085.6
Columbus, OH	Franklin, OH	warm	23	Clinton, OH	17.2	35.0	214.8	15.6
Columbus, OH	Franklin, OH	warm	23	Columbiana, OH	28.7	33.6	343.3	41.2
Columbus, OH	Franklin, OH	warm	23	Coshocton, OH	37.9	433.4	1808.4	8376.6
Columbus, OH	Franklin, OH	warm	23	Crawford, OH	15.6	35.1	224.5	17.9
Columbus, OH	Franklin, OH	warm	23	Cuyahoga, OH	127.0	87.1	3788.2	1016.3
Columbus, OH	Franklin, OH	warm	23	Darke, OH	18.9	63.7	194.0	16.9
Columbus, OH	Franklin, OH	warm	23	Dearborn, IN	22.6	170.3	1010.3	3757.5
Columbus, OH	Franklin, OH	warm	23	Defiance, OH	28.3	92.8	285.4	18.6
Columbus, OH	Franklin, OH	warm	23	Delaware, OH	40.3	67.0	533.5	45.5
Columbus, OH	Franklin, OH	warm	23	Erie, OH	24.4	32.7	561.4	88.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Columbus, OH	Franklin, OH	warm	23	Fairfield, OH	30.5	53.7	466.0	35.3
Columbus, OH	Franklin, OH	warm	23	Fayette, OH	11.3	36.9	172.7	12.2
Columbus, OH	Franklin, OH	warm	23	Franklin, IN	9.2	25.3	96.0	12.8
Columbus, OH	Franklin, OH	warm	23	Franklin, OH	104.1	79.0	2957.4	321.1
Columbus, OH	Franklin, OH	warm	23	Fulton, OH	28.6	48.6	368.3	24.2
Columbus, OH	Franklin, OH	warm	23	Gallia, OH	39.1	448.9	4630.2	7898.4
Columbus, OH	Franklin, OH	warm	23	Greene, OH	20.8	52.3	666.6	141.0
Columbus, OH	Franklin, OH	warm	23	Greenup, KY	11.8	12.3	321.7	171.2
Columbus, OH	Franklin, OH	warm	23	Guernsey, OH	20.3	18.2	470.2	62.6
Columbus, OH	Franklin, OH	warm	23	Hamilton, OH	97.6	355.2	3926.3	6912.9
Columbus, OH	Franklin, OH	warm	23	Hancock, OH	21.5	53.1	342.7	26.1
Columbus, OH	Franklin, OH	warm	23	Hardin, OH	12.1	38.6	133.5	12.0
Columbus, OH	Franklin, OH	warm	23	Harrison, OH	7.5	9.2	51.7	10.2
Columbus, OH	Franklin, OH	warm	23	Henry, OH	13.2	37.8	151.5	274.3
Columbus, OH	Franklin, OH	warm	23	Highland, OH	17.2	31.3	121.5	10.3
Columbus, OH	Franklin, OH	warm	23	Hocking, OH	12.9	14.8	168.1	18.1
Columbus, OH	Franklin, OH	warm	23	Holmes, OH	19.3	28.7	118.0	13.1
Columbus, OH	Franklin, OH	warm	23	Huron, OH	20.2	39.2	227.8	20.6
Columbus, OH	Franklin, OH	warm	23	Jackson, OH	13.4	14.5	80.9	11.7
Columbus, OH	Franklin, OH	warm	23	Jackson, WV	14.8	45.4	238.1	260.9
Columbus, OH	Franklin, OH	warm	23	Jay, IN	8.7	51.3	106.9	51.2
Columbus, OH	Franklin, OH	warm	23	Jefferson, OH	56.6	723.4	3620.2	17570.6
Columbus, OH	Franklin, OH	warm	23	Kenton, KY	21.2	20.1	495.4	102.0
Columbus, OH	Franklin, OH	warm	23	Knox, OH	21.7	36.0	169.0	14.6
Columbus, OH	Franklin, OH	warm	23	Lawrence, OH	52.7	30.1	295.6	45.0
Columbus, OH	Franklin, OH	warm	23	Lewis, KY	10.9	11.2	231.5	38.5
Columbus, OH	Franklin, OH	warm	23	Licking, OH	59.5	91.1	583.3	60.1
Columbus, OH	Franklin, OH	warm	23	Logan, OH	18.0	35.7	172.2	14.3
Columbus, OH	Franklin, OH	warm	23	Lorain, OH	60.5	201.5	1811.2	3489.5
Columbus, OH	Franklin, OH	warm	23	Lucas, OH	59.4	101.5	2468.7	2082.4
Columbus, OH	Franklin, OH	warm	23	Madison, OH	13.8	51.5	244.7	15.0
Columbus, OH	Franklin, OH	warm	23	Mahoning, OH	26.5	28.8	791.1	151.1
Columbus, OH	Franklin, OH	warm	23	Marion, OH	19.1	45.1	268.2	51.2
Columbus, OH	Franklin, OH	warm	23	Marshall, WV	24.2	283.8	3131.9	9256.5
Columbus, OH	Franklin, OH	warm	23	Mason, KY	15.7	124.6	878.4	3222.6
Columbus, OH	Franklin, OH	warm	23	Mason, WV	24.0	219.8	1926.3	6498.5
Columbus, OH	Franklin, OH	warm	23	Medina, OH	43.8	52.9	537.5	59.7
Columbus, OH	Franklin, OH	warm	23	Meigs, OH	12.1	12.4	169.5	26.5
Columbus, OH	Franklin, OH	warm	23	Mercer, OH	14.4	46.7	123.8	11.5
Columbus, OH	Franklin, OH	warm	23	Miami, OH	17.5	47.4	312.7	23.6
Columbus, OH	Franklin, OH	warm	23	Monroe, OH	12.0	26.5	194.4	269.3
Columbus, OH	Franklin, OH	warm	23	Montgomery, OH	49.9	67.7	1655.6	742.6
Columbus, OH	Franklin, OH	warm	23	Morgan, OH	6.9	10.2	31.5	2.6
Columbus, OH	Franklin, OH	warm	23	Morrow, OH	16.2	31.7	195.3	11.0
Columbus, OH	Franklin, OH	warm	23	Muskingum, OH	25.2	38.4	365.9	80.5
Columbus, OH	Franklin, OH	warm	23	Noble, OH	7.2	9.4	109.4	4.5
Columbus, OH	Franklin, OH	warm	23	Ohio, WV	11.5	11.4	260.9	42.5
Columbus, OH	Franklin, OH	warm	23	Ottawa, OH	21.5	37.9	432.4	101.1
Columbus, OH	Franklin, OH	warm	23	Paulding, OH	10.3	32.2	139.2	37.4
Columbus, OH	Franklin, OH	warm	23	Pendleton, KY	7.9	13.5	263.6	39.1
Columbus, OH	Franklin, OH	warm	23	Perry, OH	11.8	18.9	150.1	13.3
Columbus, OH	Franklin, OH	warm	23	Pickaway, OH	18.2	72.4	393.8	533.1
Columbus, OH	Franklin, OH	warm	23	Pike, OH	20.2	22.8	147.0	187.3
Columbus, OH	Franklin, OH	warm	23	Pleasants, WV	11.3	116.5	1169.6	4863.6
Columbus, OH	Franklin, OH	warm	23	Portage, OH	38.9	39.4	570.1	43.0
Columbus, OH	Franklin, OH	warm	23	Preble, OH	17.5	39.6	214.7	13.3
Columbus, OH	Franklin, OH	warm	23	Putnam, OH	15.6	48.7	179.6	14.7
Columbus, OH	Franklin, OH	warm	23	Randolph, IN	13.9	59.1	202.7	53.7
Columbus, OH	Franklin, OH	warm	23	Richland, OH	30.8	47.5	545.1	342.8
Columbus, OH	Franklin, OH	warm	23	Ritchie, WV	3.4	6.8	55.6	10.1
Columbus, OH	Franklin, OH	warm	23	Ross, OH	26.6	43.7	527.4	1915.6
Columbus, OH	Franklin, OH	warm	23	Sandusky, OH	20.7	54.2	578.1	172.0
Columbus, OH	Franklin, OH	warm	23	Scioto, OH	32.6	26.3	390.7	43.5
Columbus, OH	Franklin, OH	warm	23	Seneca, OH	23.7	51.0	318.4	177.8
Columbus, OH	Franklin, OH	warm	23	Shelby, OH	17.4	35.4	249.4	45.6
Columbus, OH	Franklin, OH	warm	23	Stark, OH	45.0	65.6	1023.2	183.0
Columbus, OH	Franklin, OH	warm	23	Summit, OH	45.2	33.3	1361.5	983.9
Columbus, OH	Franklin, OH	warm	23	Tuscarawas, OH	23.1	26.0	385.8	226.7
Columbus, OH	Franklin, OH	warm	23	Tyler, WV	4.4	8.1	111.3	38.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Columbus, OH	Franklin, OH	warm	23	Union, IN	3.7	18.4	56.3	5.7
Columbus, OH	Franklin, OH	warm	23	Union, OH	24.4	55.2	187.7	16.8
Columbus, OH	Franklin, OH	warm	23	Van Wert, OH	10.3	43.4	130.5	96.8
Columbus, OH	Franklin, OH	warm	23	Vinton, OH	6.5	8.0	37.3	5.8
Columbus, OH	Franklin, OH	warm	23	Warren, OH	42.0	59.0	568.2	44.6
Columbus, OH	Franklin, OH	warm	23	Washington, OH	58.1	516.5	1908.3	12890.7
Columbus, OH	Franklin, OH	warm	23	Wayne, IN	18.4	114.6	391.6	1008.8
Columbus, OH	Franklin, OH	warm	23	Wayne, OH	36.8	71.2	591.8	377.4
Columbus, OH	Franklin, OH	warm	23	Wayne, WV	35.0	15.4	597.6	81.6
Columbus, OH	Franklin, OH	warm	23	Wetzel, WV	6.7	8.1	312.5	54.2
Columbus, OH	Franklin, OH	warm	23	Williams, OH	17.2	34.4	305.3	18.2
Columbus, OH	Franklin, OH	warm	23	Wirt, WV	1.9	5.4	10.5	1.4
Columbus, OH	Franklin, OH	warm	23	Wood, OH	32.3	64.5	658.9	45.1
Columbus, OH	Franklin, OH	warm	23	Wood, WV	33.0	40.7	460.1	489.7
Columbus, OH	Franklin, OH	warm	23	Wyandot, OH	11.2	41.0	137.3	10.0
Davenport, IA	Scott, IA	cold	8	Adams, IL	9.8	34.8	134.9	54.3
Davenport, IA	Scott, IA	cold	8	Allamakee, IA	6.9	36.7	210.6	225.0
Davenport, IA	Scott, IA	cold	8	Benton, IA	7.9	23.6	93.2	8.6
Davenport, IA	Scott, IA	cold	8	Black Hawk, IA	16.3	38.6	263.8	116.0
Davenport, IA	Scott, IA	cold	8	Boone, IL	5.7	19.8	87.5	4.8
Davenport, IA	Scott, IA	cold	8	Bremer, IA	7.1	19.0	50.9	7.5
Davenport, IA	Scott, IA	cold	8	Buchanan, IA	8.1	22.0	58.0	14.9
Davenport, IA	Scott, IA	cold	8	Bureau, IL	9.6	40.2	136.2	10.6
Davenport, IA	Scott, IA	cold	8	Butler, IA	6.8	21.5	40.2	4.4
Davenport, IA	Scott, IA	cold	8	Carroll, IL	6.9	21.7	70.2	6.7
Davenport, IA	Scott, IA	cold	8	Cedar, IA	7.2	20.9	116.4	8.6
Davenport, IA	Scott, IA	cold	8	Chickasaw, IA	5.4	16.9	36.3	7.1
Davenport, IA	Scott, IA	cold	8	Clark, MO	5.7	16.1	65.0	5.9
Davenport, IA	Scott, IA	cold	8	Clayton, IA	8.2	22.2	70.9	10.0
Davenport, IA	Scott, IA	cold	8	Clinton, IA	13.4	79.3	498.7	434.2
Davenport, IA	Scott, IA	cold	8	Crawford, WI	5.4	4.4	70.1	6.7
Davenport, IA	Scott, IA	cold	8	Dane, WI	64.2	91.8	710.1	328.9
Davenport, IA	Scott, IA	cold	8	Davis, IA	2.7	9.7	20.2	2.6
Davenport, IA	Scott, IA	cold	8	DeKalb, IL	8.8	37.7	147.2	9.5
Davenport, IA	Scott, IA	cold	8	Delaware, IA	6.1	20.2	51.0	6.1
Davenport, IA	Scott, IA	cold	8	Des Moines, IA	7.9	32.7	175.9	228.1
Davenport, IA	Scott, IA	cold	8	Dubuque, IA	15.1	42.4	246.1	178.9
Davenport, IA	Scott, IA	cold	8	Fayette, IA	7.2	23.9	48.4	7.3
Davenport, IA	Scott, IA	cold	8	Floyd, IA	6.2	17.7	42.6	5.6
Davenport, IA	Scott, IA	cold	8	Fulton, IL	9.7	35.8	144.8	198.9
Davenport, IA	Scott, IA	cold	8	Grant, WI	11.4	21.2	246.9	614.4
Davenport, IA	Scott, IA	cold	8	Green, WI	8.2	15.2	60.9	6.4
Davenport, IA	Scott, IA	cold	8	Grundy, IA	4.9	19.3	39.6	4.5
Davenport, IA	Scott, IA	cold	8	Grundy, IL	9.4	31.0	153.1	13.7
Davenport, IA	Scott, IA	cold	8	Hancock, IL	8.1	30.2	71.2	8.4
Davenport, IA	Scott, IA	cold	8	Henderson, IL	4.8	15.4	65.6	7.6
Davenport, IA	Scott, IA	cold	8	Henry, IA	5.2	14.6	68.0	9.1
Davenport, IA	Scott, IA	cold	8	Henry, IL	9.5	38.2	250.9	10.1
Davenport, IA	Scott, IA	cold	8	Iowa, IA	6.7	19.2	80.1	10.5
Davenport, IA	Scott, IA	cold	8	Iowa, WI	5.3	8.3	38.7	3.7
Davenport, IA	Scott, IA	cold	8	Jackson, IA	5.3	16.7	56.6	8.9
Davenport, IA	Scott, IA	cold	8	Jasper, IA	12.3	30.6	117.6	13.3
Davenport, IA	Scott, IA	cold	8	Jefferson, IA	4.3	19.7	80.9	10.0
Davenport, IA	Scott, IA	cold	8	Jo Daviess, IL	7.6	21.0	139.9	7.7
Davenport, IA	Scott, IA	cold	8	Johnson, IA	15.8	33.5	207.9	135.8
Davenport, IA	Scott, IA	cold	8	Jones, IA	5.4	17.6	42.0	5.3
Davenport, IA	Scott, IA	cold	8	Kane, IL	27.7	46.5	623.7	39.1
Davenport, IA	Scott, IA	cold	8	Kendall, IL	8.7	21.6	139.5	13.3
Davenport, IA	Scott, IA	cold	8	Keokuk, IA	4.2	16.1	72.0	3.2
Davenport, IA	Scott, IA	cold	8	Knox, IL	10.3	31.7	148.9	11.4
Davenport, IA	Scott, IA	cold	8	La Salle, IL	18.9	80.9	446.5	185.2
Davenport, IA	Scott, IA	cold	8	Lafayette, WI	5.5	15.5	37.7	4.1
Davenport, IA	Scott, IA	cold	8	Lee, IA	7.1	24.5	116.5	25.8
Davenport, IA	Scott, IA	cold	8	Lee, IL	13.2	43.0	214.8	23.4
Davenport, IA	Scott, IA	cold	8	Lewis, MO	4.2	16.6	42.3	3.9
Davenport, IA	Scott, IA	cold	8	Linn, IA	21.2	96.9	718.5	640.3
Davenport, IA	Scott, IA	cold	8	Livingston, IL	13.3	59.2	127.6	8.7
Davenport, IA	Scott, IA	cold	8	Louisa, IA	7.4	23.6	246.1	471.9
Davenport, IA	Scott, IA	cold	8	Mahaska, IA	5.3	17.4	47.9	6.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Davenport, IA	Scott, IA	cold	8	Marshall, IA	7.5	30.7	220.6	149.8
Davenport, IA	Scott, IA	cold	8	Marshall, IL	4.8	27.5	87.5	135.6
Davenport, IA	Scott, IA	cold	8	Mason, IL	7.2	40.5	86.8	279.3
Davenport, IA	Scott, IA	cold	8	McDonough, IL	6.2	25.4	91.1	34.9
Davenport, IA	Scott, IA	cold	8	McHenry, IL	23.9	54.5	358.2	22.3
Davenport, IA	Scott, IA	cold	8	Mercer, IL	5.6	24.1	42.3	5.0
Davenport, IA	Scott, IA	cold	8	Muscatine, IA	10.7	50.0	404.4	1019.6
Davenport, IA	Scott, IA	cold	8	Ogle, IL	11.9	38.2	162.5	11.1
Davenport, IA	Scott, IA	cold	8	Peoria, IL	26.9	114.3	682.3	1651.8
Davenport, IA	Scott, IA	cold	8	Poweshiek, IA	6.1	18.4	70.8	8.4
Davenport, IA	Scott, IA	cold	8	Putnam, IL	2.0	17.0	80.0	229.4
Davenport, IA	Scott, IA	cold	8	Richland, WI	4.6	5.2	30.2	2.5
Davenport, IA	Scott, IA	cold	8	Rock Island, IL	10.1	24.2	231.7	81.9
Davenport, IA	Scott, IA	cold	8	Rock, WI	22.3	31.4	270.8	24.7
Davenport, IA	Scott, IA	cold	8	Schuyler, IL	4.6	11.1	38.8	5.0
Davenport, IA	Scott, IA	cold	8	Scotland, MO	2.7	10.9	33.3	3.0
Davenport, IA	Scott, IA	cold	8	Scott, IA	14.9	55.8	427.0	346.1
Davenport, IA	Scott, IA	cold	8	Stark, IL	2.0	15.1	18.5	1.6
Davenport, IA	Scott, IA	cold	8	Stephenson, IL	6.9	28.4	77.2	5.0
Davenport, IA	Scott, IA	cold	8	Tama, IA	7.6	22.8	96.3	9.0
Davenport, IA	Scott, IA	cold	8	Tazewell, IL	17.5	84.5	1463.7	1381.7
Davenport, IA	Scott, IA	cold	8	Van Buren, IA	4.6	11.3	20.9	2.9
Davenport, IA	Scott, IA	cold	8	Walworth, WI	14.4	19.8	159.7	11.3
Davenport, IA	Scott, IA	cold	8	Wapello, IA	9.0	69.9	354.3	546.9
Davenport, IA	Scott, IA	cold	8	Warren, IL	5.4	24.7	67.3	5.4
Davenport, IA	Scott, IA	cold	8	Washington, IA	8.7	22.3	56.5	11.2
Davenport, IA	Scott, IA	cold	8	Whiteside, IL	10.2	39.4	179.5	13.2
Davenport, IA	Scott, IA	cold	8	Winnebago, IL	16.1	38.3	404.5	23.1
Davenport, IA	Scott, IA	cold	8	Winneshiek, IA	6.8	21.6	47.3	8.4
Davenport, IA	Scott, IA	cold	8	Woodford, IL	6.2	28.1	85.3	7.1
Davenport, IA	Scott, IA	warm	11	Adams, IL	18.7	66.3	257.0	103.5
Davenport, IA	Scott, IA	warm	11	Allamakee, IA	13.2	69.8	401.3	428.7
Davenport, IA	Scott, IA	warm	11	Benton, IA	15.0	45.0	177.6	16.4
Davenport, IA	Scott, IA	warm	11	Black Hawk, IA	31.1	73.5	502.7	220.9
Davenport, IA	Scott, IA	warm	11	Boone, IL	10.9	37.7	166.7	9.2
Davenport, IA	Scott, IA	warm	11	Bremer, IA	13.4	36.2	96.9	14.3
Davenport, IA	Scott, IA	warm	11	Buchanan, IA	15.5	42.0	110.6	28.4
Davenport, IA	Scott, IA	warm	11	Bureau, IL	18.3	76.6	259.4	20.2
Davenport, IA	Scott, IA	warm	11	Butler, IA	13.0	41.0	76.7	8.3
Davenport, IA	Scott, IA	warm	11	Carroll, IL	13.1	41.4	133.8	12.8
Davenport, IA	Scott, IA	warm	11	Cedar, IA	13.8	39.8	221.7	16.5
Davenport, IA	Scott, IA	warm	11	Chickasaw, IA	10.3	32.3	69.1	13.5
Davenport, IA	Scott, IA	warm	11	Clark, MO	10.8	30.6	123.7	11.2
Davenport, IA	Scott, IA	warm	11	Clayton, IA	15.7	42.2	135.1	19.1
Davenport, IA	Scott, IA	warm	11	Clinton, IA	25.5	151.0	950.2	827.3
Davenport, IA	Scott, IA	warm	11	Crawford, WI	10.3	8.4	133.6	12.8
Davenport, IA	Scott, IA	warm	11	Dane, WI	122.2	174.9	1352.9	626.7
Davenport, IA	Scott, IA	warm	11	Davis, IA	5.1	18.5	38.4	4.9
Davenport, IA	Scott, IA	warm	11	DeKalb, IL	16.8	71.9	280.4	18.0
Davenport, IA	Scott, IA	warm	11	Delaware, IA	11.5	38.4	97.2	11.6
Davenport, IA	Scott, IA	warm	11	Des Moines, IA	15.0	62.4	335.2	434.6
Davenport, IA	Scott, IA	warm	11	Dubuque, IA	28.8	80.8	468.8	340.8
Davenport, IA	Scott, IA	warm	11	Fayette, IA	13.7	45.6	92.3	14.0
Davenport, IA	Scott, IA	warm	11	Floyd, IA	11.8	33.8	81.2	10.6
Davenport, IA	Scott, IA	warm	11	Fulton, IL	18.5	68.3	275.9	378.9
Davenport, IA	Scott, IA	warm	11	Grant, WI	21.8	40.3	470.4	1170.6
Davenport, IA	Scott, IA	warm	11	Green, WI	15.6	28.9	116.1	12.1
Davenport, IA	Scott, IA	warm	11	Grundy, IA	9.4	36.8	75.4	8.6
Davenport, IA	Scott, IA	warm	11	Grundy, IL	17.9	59.1	291.7	26.0
Davenport, IA	Scott, IA	warm	11	Hancock, IL	15.4	57.6	135.7	16.0
Davenport, IA	Scott, IA	warm	11	Henderson, IL	9.2	29.4	125.0	14.4
Davenport, IA	Scott, IA	warm	11	Henry, IA	9.9	27.8	129.5	17.3
Davenport, IA	Scott, IA	warm	11	Henry, IL	18.2	72.8	477.9	19.2
Davenport, IA	Scott, IA	warm	11	Iowa, IA	12.7	36.6	152.5	20.0
Davenport, IA	Scott, IA	warm	11	Iowa, WI	10.2	15.8	73.7	7.0
Davenport, IA	Scott, IA	warm	11	Jackson, IA	10.1	31.8	107.8	17.0
Davenport, IA	Scott, IA	warm	11	Jasper, IA	23.4	58.3	224.0	25.4
Davenport, IA	Scott, IA	warm	11	Jefferson, IA	8.2	37.5	154.1	19.1
Davenport, IA	Scott, IA	warm	11	Jo Daviess, IL	14.5	39.9	266.6	14.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Davenport, IA	Scott, IA	warm	11	Johnson, IA	30.2	63.9	396.1	258.7
Davenport, IA	Scott, IA	warm	11	Jones, IA	10.3	33.5	80.0	10.0
Davenport, IA	Scott, IA	warm	11	Kane, IL	52.7	88.7	1188.3	74.6
Davenport, IA	Scott, IA	warm	11	Kendall, IL	16.5	41.2	265.8	25.3
Davenport, IA	Scott, IA	warm	11	Keokuk, IA	8.0	30.7	137.3	6.0
Davenport, IA	Scott, IA	warm	11	Knox, IL	19.7	60.5	283.7	21.8
Davenport, IA	Scott, IA	warm	11	La Salle, IL	36.0	154.1	850.8	352.9
Davenport, IA	Scott, IA	warm	11	Lafayette, WI	10.4	29.4	71.8	7.8
Davenport, IA	Scott, IA	warm	11	Lee, IA	13.5	46.7	221.9	49.1
Davenport, IA	Scott, IA	warm	11	Lee, IL	25.2	82.0	409.2	44.6
Davenport, IA	Scott, IA	warm	11	Lewis, MO	8.0	31.6	80.7	7.4
Davenport, IA	Scott, IA	warm	11	Linn, IA	40.4	184.5	1369.0	1219.8
Davenport, IA	Scott, IA	warm	11	Livingston, IL	25.3	112.8	243.2	16.6
Davenport, IA	Scott, IA	warm	11	Louisa, IA	14.2	45.0	468.8	899.1
Davenport, IA	Scott, IA	warm	11	Mahaska, IA	10.1	33.1	91.3	12.2
Davenport, IA	Scott, IA	warm	11	Marshall, IA	14.2	58.6	420.2	285.3
Davenport, IA	Scott, IA	warm	11	Marshall, IL	9.2	52.4	166.8	258.4
Davenport, IA	Scott, IA	warm	11	Mason, IL	13.8	77.1	165.3	532.1
Davenport, IA	Scott, IA	warm	11	McDonough, IL	11.8	48.4	173.6	66.4
Davenport, IA	Scott, IA	warm	11	McHenry, IL	45.5	103.8	682.5	42.6
Davenport, IA	Scott, IA	warm	11	Mercer, IL	10.7	45.9	80.5	9.6
Davenport, IA	Scott, IA	warm	11	Muscatine, IA	20.3	95.3	770.5	1942.6
Davenport, IA	Scott, IA	warm	11	Ogle, IL	22.7	72.8	309.6	21.1
Davenport, IA	Scott, IA	warm	11	Peoria, IL	51.3	217.8	1300.0	3147.1
Davenport, IA	Scott, IA	warm	11	Poweshiek, IA	11.7	35.0	134.9	15.9
Davenport, IA	Scott, IA	warm	11	Putnam, IL	3.8	32.3	152.5	437.1
Davenport, IA	Scott, IA	warm	11	Richland, WI	8.9	9.9	57.6	4.7
Davenport, IA	Scott, IA	warm	11	Rock Island, IL	19.3	46.1	441.4	156.0
Davenport, IA	Scott, IA	warm	11	Rock, WI	42.5	59.8	515.9	47.0
Davenport, IA	Scott, IA	warm	11	Schuyler, IL	8.8	21.2	73.9	9.5
Davenport, IA	Scott, IA	warm	11	Scotland, MO	5.1	20.8	63.4	5.7
Davenport, IA	Scott, IA	warm	11	Scott, IA	28.4	106.4	813.6	659.5
Davenport, IA	Scott, IA	warm	11	Stark, IL	3.7	28.8	35.2	3.1
Davenport, IA	Scott, IA	warm	11	Stephenson, IL	13.2	54.1	147.1	9.6
Davenport, IA	Scott, IA	warm	11	Tama, IA	14.6	43.5	183.5	17.2
Davenport, IA	Scott, IA	warm	11	Tazewell, IL	33.4	160.9	2788.6	2632.5
Davenport, IA	Scott, IA	warm	11	Van Buren, IA	8.8	21.4	39.9	5.5
Davenport, IA	Scott, IA	warm	11	Walworth, WI	27.5	37.8	304.3	21.5
Davenport, IA	Scott, IA	warm	11	Wapello, IA	17.2	133.1	675.1	1041.9
Davenport, IA	Scott, IA	warm	11	Warren, IL	10.2	47.0	128.3	10.2
Davenport, IA	Scott, IA	warm	11	Washington, IA	16.6	42.6	107.6	21.4
Davenport, IA	Scott, IA	warm	11	Whiteside, IL	19.4	75.1	342.0	25.1
Davenport, IA	Scott, IA	warm	11	Winnebago, IL	30.6	73.0	770.7	44.0
Davenport, IA	Scott, IA	warm	11	Winneshiek, IA	13.0	41.2	90.1	16.0
Davenport, IA	Scott, IA	warm	11	Woodford, IL	11.7	53.5	162.5	13.5
Dayton, OH	Montgomery, OH	cold	5	Adams, IN	4.0	19.6	49.6	29.3
Dayton, OH	Montgomery, OH	cold	5	Adams, OH	11.7	112.3	797.7	2979.2
Dayton, OH	Montgomery, OH	cold	5	Allen, IN	16.3	51.9	361.3	94.2
Dayton, OH	Montgomery, OH	cold	5	Allen, OH	11.7	20.7	219.2	102.6
Dayton, OH	Montgomery, OH	cold	5	Athens, OH	5.4	5.4	77.2	34.4
Dayton, OH	Montgomery, OH	cold	5	Auglaize, OH	4.4	10.7	66.8	50.8
Dayton, OH	Montgomery, OH	cold	5	Bartholomew, IN	5.3	21.7	78.7	33.6
Dayton, OH	Montgomery, OH	cold	5	Blackford, IN	1.4	5.7	17.5	5.2
Dayton, OH	Montgomery, OH	cold	5	Boone, KY	14.5	22.1	255.9	126.9
Dayton, OH	Montgomery, OH	cold	5	Bourbon, KY	2.0	4.6	30.0	5.4
Dayton, OH	Montgomery, OH	cold	5	Bracken, KY	1.2	2.0	11.6	1.2
Dayton, OH	Montgomery, OH	cold	5	Brown, IN	2.3	3.2	16.4	1.4
Dayton, OH	Montgomery, OH	cold	5	Brown, OH	5.9	9.5	61.8	7.8
Dayton, OH	Montgomery, OH	cold	5	Butler, OH	13.3	34.4	392.9	250.9
Dayton, OH	Montgomery, OH	cold	5	Campbell, KY	4.2	5.1	99.8	17.3
Dayton, OH	Montgomery, OH	cold	5	Carroll, KY	6.0	49.0	411.4	1199.4
Dayton, OH	Montgomery, OH	cold	5	Champaign, OH	4.0	9.9	35.9	3.1
Dayton, OH	Montgomery, OH	cold	5	Clark, IN	8.0	21.5	135.6	95.3
Dayton, OH	Montgomery, OH	cold	5	Clark, OH	6.8	15.0	130.5	10.1
Dayton, OH	Montgomery, OH	cold	5	Clermont, OH	17.3	96.8	843.1	2130.7
Dayton, OH	Montgomery, OH	cold	5	Clinton, OH	5.2	10.5	64.6	4.7
Dayton, OH	Montgomery, OH	cold	5	Coshocton, OH	11.4	130.3	543.8	2518.9
Dayton, OH	Montgomery, OH	cold	5	Crawford, OH	4.7	10.6	67.5	5.4
Dayton, OH	Montgomery, OH	cold	5	Darke, OH	5.7	19.1	58.3	5.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Dayton, OH	Montgomery, OH	cold	5	Dearborn, IN	6.8	51.2	303.8	1129.9
Dayton, OH	Montgomery, OH	cold	5	Decatur, IN	3.4	19.2	54.8	15.0
Dayton, OH	Montgomery, OH	cold	5	Defiance, OH	8.5	27.9	85.8	5.6
Dayton, OH	Montgomery, OH	cold	5	DeKalb, IN	8.2	26.4	110.6	35.4
Dayton, OH	Montgomery, OH	cold	5	Delaware, IN	5.5	20.5	118.2	50.8
Dayton, OH	Montgomery, OH	cold	5	Delaware, OH	12.1	20.2	160.4	13.7
Dayton, OH	Montgomery, OH	cold	5	Fairfield, OH	9.2	16.2	140.1	10.6
Dayton, OH	Montgomery, OH	cold	5	Fayette, IN	2.0	10.0	28.0	11.4
Dayton, OH	Montgomery, OH	cold	5	Fayette, OH	3.4	11.1	51.9	3.7
Dayton, OH	Montgomery, OH	cold	5	Fleming, KY	1.8	2.8	11.6	2.4
Dayton, OH	Montgomery, OH	cold	5	Franklin, IN	2.8	7.6	28.9	3.8
Dayton, OH	Montgomery, OH	cold	5	Franklin, OH	31.3	23.8	889.3	96.6
Dayton, OH	Montgomery, OH	cold	5	Gallatin, KY	2.0	4.6	52.4	8.8
Dayton, OH	Montgomery, OH	cold	5	Gallia, OH	11.8	135.0	1392.3	2375.1
Dayton, OH	Montgomery, OH	cold	5	Grant, IN	4.3	21.8	87.9	26.8
Dayton, OH	Montgomery, OH	cold	5	Grant, KY	3.8	3.9	64.5	6.3
Dayton, OH	Montgomery, OH	cold	5	Greene, OH	6.2	15.7	200.4	42.4
Dayton, OH	Montgomery, OH	cold	5	Hamilton, IN	10.2	30.5	188.4	28.9
Dayton, OH	Montgomery, OH	cold	5	Hamilton, OH	29.3	106.8	1180.7	2078.7
Dayton, OH	Montgomery, OH	cold	5	Hancock, IN	4.0	17.9	74.2	10.1
Dayton, OH	Montgomery, OH	cold	5	Hancock, OH	6.5	16.0	103.1	7.8
Dayton, OH	Montgomery, OH	cold	5	Hardin, OH	3.6	11.6	40.1	3.6
Dayton, OH	Montgomery, OH	cold	5	Harrison, KY	2.5	3.8	36.3	6.1
Dayton, OH	Montgomery, OH	cold	5	Henry, IN	4.1	22.1	77.8	10.7
Dayton, OH	Montgomery, OH	cold	5	Henry, OH	4.0	11.4	45.6	82.5
Dayton, OH	Montgomery, OH	cold	5	Highland, OH	5.2	9.4	36.5	3.1
Dayton, OH	Montgomery, OH	cold	5	Hocking, OH	3.9	4.5	50.6	5.4
Dayton, OH	Montgomery, OH	cold	5	Howard, IN	4.2	30.7	76.3	56.2
Dayton, OH	Montgomery, OH	cold	5	Huntington, IN	3.8	17.1	73.2	16.6
Dayton, OH	Montgomery, OH	cold	5	Jackson, IN	5.4	14.7	79.6	19.1
Dayton, OH	Montgomery, OH	cold	5	Jackson, OH	4.0	4.4	24.3	3.5
Dayton, OH	Montgomery, OH	cold	5	Jay, IN	2.6	15.4	32.2	15.4
Dayton, OH	Montgomery, OH	cold	5	Jefferson, IN	4.0	22.9	594.7	1776.4
Dayton, OH	Montgomery, OH	cold	5	Jennings, IN	13.6	23.2	149.8	183.1
Dayton, OH	Montgomery, OH	cold	5	Johnson, IN	5.2	19.9	110.9	22.3
Dayton, OH	Montgomery, OH	cold	5	Kenton, KY	6.4	6.0	149.0	30.7
Dayton, OH	Montgomery, OH	cold	5	Knox, OH	6.5	10.8	50.8	4.4
Dayton, OH	Montgomery, OH	cold	5	Lawrence, OH	15.9	9.1	88.9	13.5
Dayton, OH	Montgomery, OH	cold	5	Lewis, KY	3.3	3.4	69.6	11.6
Dayton, OH	Montgomery, OH	cold	5	Licking, OH	17.9	27.4	175.4	18.1
Dayton, OH	Montgomery, OH	cold	5	Logan, OH	5.4	10.7	51.8	4.3
Dayton, OH	Montgomery, OH	cold	5	Madison, IN	6.2	27.5	128.0	32.2
Dayton, OH	Montgomery, OH	cold	5	Madison, OH	4.2	15.5	73.6	4.5
Dayton, OH	Montgomery, OH	cold	5	Marion, IN	29.4	110.1	888.5	1436.3
Dayton, OH	Montgomery, OH	cold	5	Marion, OH	5.7	13.5	80.7	15.4
Dayton, OH	Montgomery, OH	cold	5	Mason, KY	4.7	37.5	264.1	969.0
Dayton, OH	Montgomery, OH	cold	5	Meigs, OH	3.6	3.7	51.0	8.0
Dayton, OH	Montgomery, OH	cold	5	Mercer, OH	4.3	14.0	37.2	3.5
Dayton, OH	Montgomery, OH	cold	5	Miami, IN	3.0	16.8	42.1	11.4
Dayton, OH	Montgomery, OH	cold	5	Miami, OH	5.3	14.2	94.0	7.1
Dayton, OH	Montgomery, OH	cold	5	Montgomery, OH	15.0	20.3	497.9	223.3
Dayton, OH	Montgomery, OH	cold	5	Morrow, OH	4.9	9.5	58.7	3.3
Dayton, OH	Montgomery, OH	cold	5	Muskingum, OH	7.6	11.5	110.0	24.2
Dayton, OH	Montgomery, OH	cold	5	Nicholas, KY	0.8	1.8	5.6	0.9
Dayton, OH	Montgomery, OH	cold	5	Noble, IN	5.8	23.3	86.5	30.0
Dayton, OH	Montgomery, OH	cold	5	Ohio, IN	0.7	2.0	15.1	2.4
Dayton, OH	Montgomery, OH	cold	5	Owen, KY	1.7	2.5	13.4	1.3
Dayton, OH	Montgomery, OH	cold	5	Paulding, OH	3.1	9.7	41.9	11.2
Dayton, OH	Montgomery, OH	cold	5	Pendleton, KY	2.4	4.0	79.3	11.8
Dayton, OH	Montgomery, OH	cold	5	Perry, OH	3.5	5.7	45.1	4.0
Dayton, OH	Montgomery, OH	cold	5	Pickaway, OH	5.5	21.8	118.4	160.3
Dayton, OH	Montgomery, OH	cold	5	Pike, OH	6.1	6.8	44.2	56.3
Dayton, OH	Montgomery, OH	cold	5	Preble, OH	5.3	11.9	64.6	4.0
Dayton, OH	Montgomery, OH	cold	5	Putnam, OH	4.7	14.7	54.0	4.4
Dayton, OH	Montgomery, OH	cold	5	Randolph, IN	4.2	17.8	61.0	16.1
Dayton, OH	Montgomery, OH	cold	5	Ripley, IN	3.6	11.4	45.1	10.5
Dayton, OH	Montgomery, OH	cold	5	Robertson, KY	0.3	1.1	1.7	0.2
Dayton, OH	Montgomery, OH	cold	5	Ross, OH	8.0	13.1	158.6	576.0
Dayton, OH	Montgomery, OH	cold	5	Rush, IN	2.3	16.3	28.1	5.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Dayton, OH	Montgomery, OH	cold	5	Scioto, OH	9.8	7.9	117.5	13.1
Dayton, OH	Montgomery, OH	cold	5	Scott, IN	2.6	6.6	32.2	7.5
Dayton, OH	Montgomery, OH	cold	5	Scott, KY	4.7	8.8	92.7	27.0
Dayton, OH	Montgomery, OH	cold	5	Shelby, IN	5.6	25.2	106.4	18.1
Dayton, OH	Montgomery, OH	cold	5	Shelby, OH	5.2	10.7	75.0	13.7
Dayton, OH	Montgomery, OH	cold	5	Switzerland, IN	1.8	3.0	38.1	6.7
Dayton, OH	Montgomery, OH	cold	5	Tipton, IN	1.7	14.6	20.2	3.7
Dayton, OH	Montgomery, OH	cold	5	Trimble, KY	2.6	9.9	122.8	131.4
Dayton, OH	Montgomery, OH	cold	5	Union, IN	1.1	5.5	16.9	1.7
Dayton, OH	Montgomery, OH	cold	5	Union, OH	7.3	16.6	56.4	5.0
Dayton, OH	Montgomery, OH	cold	5	Van Wert, OH	3.1	13.0	39.3	29.1
Dayton, OH	Montgomery, OH	cold	5	Vinton, OH	2.0	2.4	11.2	1.7
Dayton, OH	Montgomery, OH	cold	5	Wabash, IN	3.8	23.2	59.7	43.9
Dayton, OH	Montgomery, OH	cold	5	Warren, OH	12.6	17.7	170.9	13.4
Dayton, OH	Montgomery, OH	cold	5	Wayne, IN	5.5	34.5	117.8	303.4
Dayton, OH	Montgomery, OH	cold	5	Wells, IN	2.9	17.9	36.2	9.6
Dayton, OH	Montgomery, OH	cold	5	Whitley, IN	3.5	14.2	54.8	13.6
Dayton, OH	Montgomery, OH	cold	5	Wood, OH	9.7	19.4	198.1	13.6
Dayton, OH	Montgomery, OH	cold	5	Wyandot, OH	3.4	12.3	41.3	3.0
Dayton, OH	Montgomery, OH	warm	10	Adams, IN	11.2	54.4	137.4	81.2
Dayton, OH	Montgomery, OH	warm	10	Adams, OH	32.3	311.1	2210.6	8256.0
Dayton, OH	Montgomery, OH	warm	10	Allen, IN	45.3	143.8	1001.3	261.0
Dayton, OH	Montgomery, OH	warm	10	Allen, OH	32.4	57.5	607.6	284.4
Dayton, OH	Montgomery, OH	warm	10	Athens, OH	14.9	14.9	214.0	95.4
Dayton, OH	Montgomery, OH	warm	10	Auglaize, OH	12.2	29.5	185.0	140.9
Dayton, OH	Montgomery, OH	warm	10	Bartholomew, IN	14.8	60.0	218.2	93.2
Dayton, OH	Montgomery, OH	warm	10	Blackford, IN	3.7	15.8	48.4	14.5
Dayton, OH	Montgomery, OH	warm	10	Boone, KY	40.2	61.2	709.3	351.8
Dayton, OH	Montgomery, OH	warm	10	Bourbon, KY	5.5	12.8	83.1	14.9
Dayton, OH	Montgomery, OH	warm	10	Bracken, KY	3.2	5.7	32.2	3.4
Dayton, OH	Montgomery, OH	warm	10	Brown, IN	6.4	9.0	45.4	3.7
Dayton, OH	Montgomery, OH	warm	10	Brown, OH	16.2	26.4	171.4	21.7
Dayton, OH	Montgomery, OH	warm	10	Butler, OH	36.8	95.4	1089.0	695.2
Dayton, OH	Montgomery, OH	warm	10	Campbell, KY	11.7	14.2	276.5	47.8
Dayton, OH	Montgomery, OH	warm	10	Carroll, KY	16.6	135.9	1140.1	3324.0
Dayton, OH	Montgomery, OH	warm	10	Champaign, OH	11.0	27.5	99.4	8.5
Dayton, OH	Montgomery, OH	warm	10	Clark, IN	22.1	59.6	375.8	264.2
Dayton, OH	Montgomery, OH	warm	10	Clark, OH	18.8	41.6	361.7	27.9
Dayton, OH	Montgomery, OH	warm	10	Clermont, OH	47.9	268.4	2336.4	5904.7
Dayton, OH	Montgomery, OH	warm	10	Clinton, OH	14.3	29.2	179.0	13.0
Dayton, OH	Montgomery, OH	warm	10	Coshocton, OH	31.6	361.2	1507.0	6980.5
Dayton, OH	Montgomery, OH	warm	10	Crawford, OH	13.0	29.3	187.1	14.9
Dayton, OH	Montgomery, OH	warm	10	Darke, OH	15.7	53.1	161.7	14.1
Dayton, OH	Montgomery, OH	warm	10	Dearborn, IN	18.9	142.0	841.9	3131.2
Dayton, OH	Montgomery, OH	warm	10	Decatur, IN	9.4	53.1	151.9	41.5
Dayton, OH	Montgomery, OH	warm	10	Defiance, OH	23.6	77.3	237.8	15.5
Dayton, OH	Montgomery, OH	warm	10	DeKalb, IN	22.7	73.2	306.5	98.2
Dayton, OH	Montgomery, OH	warm	10	Delaware, IN	15.3	56.9	327.6	140.8
Dayton, OH	Montgomery, OH	warm	10	Delaware, OH	33.6	55.9	444.6	37.9
Dayton, OH	Montgomery, OH	warm	10	Fairfield, OH	25.4	44.8	388.4	29.4
Dayton, OH	Montgomery, OH	warm	10	Fayette, IN	5.6	27.7	77.5	31.6
Dayton, OH	Montgomery, OH	warm	10	Fayette, OH	9.5	30.8	143.9	10.1
Dayton, OH	Montgomery, OH	warm	10	Fleming, KY	5.0	7.8	32.2	6.6
Dayton, OH	Montgomery, OH	warm	10	Franklin, IN	7.7	21.1	80.0	10.7
Dayton, OH	Montgomery, OH	warm	10	Franklin, OH	86.7	65.9	2464.5	267.6
Dayton, OH	Montgomery, OH	warm	10	Gallatin, KY	5.5	12.8	145.1	24.3
Dayton, OH	Montgomery, OH	warm	10	Gallia, OH	32.6	374.1	3858.5	6582.0
Dayton, OH	Montgomery, OH	warm	10	Grant, IN	12.0	60.5	243.7	74.3
Dayton, OH	Montgomery, OH	warm	10	Grant, KY	10.5	10.7	178.6	17.5
Dayton, OH	Montgomery, OH	warm	10	Greene, OH	17.3	43.6	555.5	117.5
Dayton, OH	Montgomery, OH	warm	10	Hamilton, IN	28.2	84.4	522.1	80.1
Dayton, OH	Montgomery, OH	warm	10	Hamilton, OH	81.3	296.0	3271.9	5760.7
Dayton, OH	Montgomery, OH	warm	10	Hancock, IN	11.1	49.5	205.5	28.1
Dayton, OH	Montgomery, OH	warm	10	Hancock, OH	17.9	44.2	285.6	21.7
Dayton, OH	Montgomery, OH	warm	10	Hardin, OH	10.0	32.2	111.3	10.0
Dayton, OH	Montgomery, OH	warm	10	Harrison, KY	6.8	10.4	100.5	17.0
Dayton, OH	Montgomery, OH	warm	10	Henry, IN	11.5	61.1	215.5	29.7
Dayton, OH	Montgomery, OH	warm	10	Henry, OH	11.0	31.5	126.3	228.6
Dayton, OH	Montgomery, OH	warm	10	Highland, OH	14.3	26.1	101.2	8.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Dayton, OH	Montgomery, OH	warm	10	Hocking, OH	10.7	12.4	140.1	15.1
Dayton, OH	Montgomery, OH	warm	10	Howard, IN	11.8	85.1	211.4	155.8
Dayton, OH	Montgomery, OH	warm	10	Huntington, IN	10.6	47.4	202.9	46.0
Dayton, OH	Montgomery, OH	warm	10	Jackson, IN	15.0	40.7	220.7	53.1
Dayton, OH	Montgomery, OH	warm	10	Jackson, OH	11.1	12.1	67.4	9.7
Dayton, OH	Montgomery, OH	warm	10	Jay, IN	7.3	42.7	89.1	42.7
Dayton, OH	Montgomery, OH	warm	10	Jefferson, IN	11.0	63.5	1648.0	4922.8
Dayton, OH	Montgomery, OH	warm	10	Jennings, IN	37.6	64.3	415.2	507.4
Dayton, OH	Montgomery, OH	warm	10	Johnson, IN	14.4	55.2	307.4	61.7
Dayton, OH	Montgomery, OH	warm	10	Kenton, KY	17.6	16.7	412.8	85.0
Dayton, OH	Montgomery, OH	warm	10	Knox, OH	18.1	30.0	140.8	12.1
Dayton, OH	Montgomery, OH	warm	10	Lawrence, OH	43.9	25.1	246.3	37.5
Dayton, OH	Montgomery, OH	warm	10	Lewis, KY	9.1	9.3	192.9	32.1
Dayton, OH	Montgomery, OH	warm	10	Licking, OH	49.6	75.9	486.1	50.1
Dayton, OH	Montgomery, OH	warm	10	Logan, OH	15.0	29.8	143.5	11.9
Dayton, OH	Montgomery, OH	warm	10	Madison, IN	17.2	76.2	354.7	89.2
Dayton, OH	Montgomery, OH	warm	10	Madison, OH	11.5	42.9	203.9	12.5
Dayton, OH	Montgomery, OH	warm	10	Marion, IN	81.4	305.0	2462.3	3980.3
Dayton, OH	Montgomery, OH	warm	10	Marion, OH	15.9	37.5	223.5	42.7
Dayton, OH	Montgomery, OH	warm	10	Mason, KY	13.1	103.8	732.0	2685.5
Dayton, OH	Montgomery, OH	warm	10	Meigs, OH	10.1	10.3	141.3	22.1
Dayton, OH	Montgomery, OH	warm	10	Mercer, OH	12.0	38.9	103.1	9.6
Dayton, OH	Montgomery, OH	warm	10	Miami, IN	8.3	46.4	116.8	31.7
Dayton, OH	Montgomery, OH	warm	10	Miami, OH	14.6	39.5	260.6	19.7
Dayton, OH	Montgomery, OH	warm	10	Montgomery, OH	41.6	56.4	1379.7	618.8
Dayton, OH	Montgomery, OH	warm	10	Morrow, OH	13.5	26.4	162.8	9.1
Dayton, OH	Montgomery, OH	warm	10	Muskingum, OH	21.0	32.0	304.9	67.1
Dayton, OH	Montgomery, OH	warm	10	Nicholas, KY	2.3	5.1	15.6	2.4
Dayton, OH	Montgomery, OH	warm	10	Noble, IN	16.0	64.6	239.7	83.1
Dayton, OH	Montgomery, OH	warm	10	Ohio, IN	1.9	5.5	41.8	6.7
Dayton, OH	Montgomery, OH	warm	10	Owen, KY	4.8	6.8	37.2	3.7
Dayton, OH	Montgomery, OH	warm	10	Paulding, OH	8.6	26.8	116.0	31.2
Dayton, OH	Montgomery, OH	warm	10	Pendleton, KY	6.6	11.2	219.6	32.6
Dayton, OH	Montgomery, OH	warm	10	Perry, OH	9.8	15.7	125.0	11.1
Dayton, OH	Montgomery, OH	warm	10	Pickaway, OH	15.2	60.4	328.2	444.3
Dayton, OH	Montgomery, OH	warm	10	Pike, OH	16.8	19.0	122.5	156.1
Dayton, OH	Montgomery, OH	warm	10	Preble, OH	14.6	33.0	178.9	11.1
Dayton, OH	Montgomery, OH	warm	10	Putnam, OH	13.0	40.6	149.7	12.2
Dayton, OH	Montgomery, OH	warm	10	Randolph, IN	11.6	49.3	169.0	44.7
Dayton, OH	Montgomery, OH	warm	10	Ripley, IN	9.9	31.6	125.1	29.1
Dayton, OH	Montgomery, OH	warm	10	Robertson, KY	0.8	3.2	4.8	0.4
Dayton, OH	Montgomery, OH	warm	10	Ross, OH	22.2	36.4	439.5	1596.3
Dayton, OH	Montgomery, OH	warm	10	Rush, IN	6.4	45.2	77.9	14.3
Dayton, OH	Montgomery, OH	warm	10	Scioto, OH	27.2	21.9	325.6	36.3
Dayton, OH	Montgomery, OH	warm	10	Scott, IN	7.3	18.2	89.2	20.8
Dayton, OH	Montgomery, OH	warm	10	Scott, KY	13.0	24.4	256.8	74.8
Dayton, OH	Montgomery, OH	warm	10	Shelby, IN	15.6	69.8	294.8	50.2
Dayton, OH	Montgomery, OH	warm	10	Shelby, OH	14.5	29.5	207.8	38.0
Dayton, OH	Montgomery, OH	warm	10	Switzerland, IN	5.0	8.2	105.7	18.5
Dayton, OH	Montgomery, OH	warm	10	Tipton, IN	4.7	40.6	56.0	10.4
Dayton, OH	Montgomery, OH	warm	10	Trimble, KY	7.3	27.5	340.2	364.1
Dayton, OH	Montgomery, OH	warm	10	Union, IN	3.1	15.4	46.9	4.7
Dayton, OH	Montgomery, OH	warm	10	Union, OH	20.4	46.0	156.4	14.0
Dayton, OH	Montgomery, OH	warm	10	Van Wert, OH	8.5	36.2	108.8	80.7
Dayton, OH	Montgomery, OH	warm	10	Vinton, OH	5.5	6.7	31.1	4.8
Dayton, OH	Montgomery, OH	warm	10	Wabash, IN	10.5	64.3	165.6	121.6
Dayton, OH	Montgomery, OH	warm	10	Warren, OH	35.0	49.2	473.5	37.2
Dayton, OH	Montgomery, OH	warm	10	Wayne, IN	15.3	95.5	326.3	840.7
Dayton, OH	Montgomery, OH	warm	10	Wells, IN	8.2	49.6	100.4	26.7
Dayton, OH	Montgomery, OH	warm	10	Whitley, IN	9.7	39.5	151.9	37.6
Dayton, OH	Montgomery, OH	warm	10	Wood, OH	26.9	53.7	549.1	37.6
Dayton, OH	Montgomery, OH	warm	10	Wyandot, OH	9.3	34.2	114.4	8.4
Detroit, MI	Macomb, MI	cold	5	Allegan, MI	10.0	18.8	124.3	23.5
Detroit, MI	Macomb, MI	cold	5	Allen, IN	16.3	51.9	361.3	94.2
Detroit, MI	Macomb, MI	cold	5	Allen, OH	11.7	20.7	219.2	102.6
Detroit, MI	Macomb, MI	cold	5	Arenac, MI	3.0	4.6	26.3	3.0
Detroit, MI	Macomb, MI	cold	5	Barry, MI	6.5	11.3	42.2	6.8
Detroit, MI	Macomb, MI	cold	5	Bay, MI	7.3	24.1	338.7	721.9
Detroit, MI	Macomb, MI	cold	5	Branch, MI	5.0	12.8	45.6	7.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Detroit, MI	Macomb, MI	cold	5	Calhoun, MI	10.3	18.9	168.5	23.6
Detroit, MI	Macomb, MI	cold	5	Cass, MI	6.3	13.3	48.7	7.2
Detroit, MI	Macomb, MI	cold	5	Clare, MI	4.4	5.2	93.5	2.5
Detroit, MI	Macomb, MI	cold	5	Clinton, MI	6.6	14.7	89.3	9.2
Detroit, MI	Macomb, MI	cold	5	Crawford, OH	4.7	10.6	67.5	5.4
Detroit, MI	Macomb, MI	cold	5	Defiance, OH	8.5	27.9	85.8	5.6
Detroit, MI	Macomb, MI	cold	5	DeKalb, IN	8.2	26.4	110.6	35.4
Detroit, MI	Macomb, MI	cold	5	Eaton, MI	8.6	18.3	149.6	89.7
Detroit, MI	Macomb, MI	cold	5	Elkhart, IN	15.9	63.7	242.9	132.6
Detroit, MI	Macomb, MI	cold	5	Erie, OH	7.3	9.8	168.8	26.5
Detroit, MI	Macomb, MI	cold	5	Fulton, OH	8.6	14.6	110.8	7.3
Detroit, MI	Macomb, MI	cold	5	Genesee, MI	14.2	21.7	438.8	47.8
Detroit, MI	Macomb, MI	cold	5	Gladwin, MI	3.8	5.1	17.5	2.6
Detroit, MI	Macomb, MI	cold	5	Gratiot, MI	4.7	14.9	44.2	5.7
Detroit, MI	Macomb, MI	cold	5	Hancock, OH	6.5	16.0	103.1	7.8
Detroit, MI	Macomb, MI	cold	5	Hardin, OH	3.6	11.6	40.1	3.6
Detroit, MI	Macomb, MI	cold	5	Henry, OH	4.0	11.4	45.6	82.5
Detroit, MI	Macomb, MI	cold	5	Hillsdale, MI	5.9	14.6	57.3	46.0
Detroit, MI	Macomb, MI	cold	5	Huron, MI	6.2	30.1	98.0	78.6
Detroit, MI	Macomb, MI	cold	5	Huron, OH	6.1	11.8	68.5	6.2
Detroit, MI	Macomb, MI	cold	5	Ingham, MI	9.1	18.5	318.2	235.8
Detroit, MI	Macomb, MI	cold	5	Ionia, MI	5.3	14.0	57.5	8.8
Detroit, MI	Macomb, MI	cold	5	Isabella, MI	5.7	11.4	51.1	6.1
Detroit, MI	Macomb, MI	cold	5	Jackson, MI	10.2	19.2	142.4	23.8
Detroit, MI	Macomb, MI	cold	5	Kalamazoo, MI	9.4	16.7	252.8	65.8
Detroit, MI	Macomb, MI	cold	5	Kent, MI	21.1	26.6	569.1	118.0
Detroit, MI	Macomb, MI	cold	5	Lagrange, IN	5.9	15.3	74.6	18.2
Detroit, MI	Macomb, MI	cold	5	Lapeer, MI	8.1	16.6	78.5	14.6
Detroit, MI	Macomb, MI	cold	5	Lenawee, MI	7.5	21.0	90.6	15.1
Detroit, MI	Macomb, MI	cold	5	Livingston, MI	11.1	21.0	177.7	22.1
Detroit, MI	Macomb, MI	cold	5	Lucas, OH	17.9	30.5	742.3	626.2
Detroit, MI	Macomb, MI	cold	5	Macomb, MI	19.7	21.6	643.6	127.6
Detroit, MI	Macomb, MI	cold	5	Midland, MI	7.0	11.8	171.2	11.3
Detroit, MI	Macomb, MI	cold	5	Monroe, MI	17.7	117.3	1171.7	3054.8
Detroit, MI	Macomb, MI	cold	5	Montcalm, MI	6.9	13.8	66.3	8.8
Detroit, MI	Macomb, MI	cold	5	Noble, IN	5.8	23.3	86.5	30.0
Detroit, MI	Macomb, MI	cold	5	Oakland, MI	36.7	34.4	1174.3	166.7
Detroit, MI	Macomb, MI	cold	5	Ottawa, OH	6.5	11.4	130.0	30.4
Detroit, MI	Macomb, MI	cold	5	Paulding, OH	3.1	9.7	41.9	11.2
Detroit, MI	Macomb, MI	cold	5	Putnam, OH	4.7	14.7	54.0	4.4
Detroit, MI	Macomb, MI	cold	5	Saginaw, MI	13.1	29.6	213.4	57.1
Detroit, MI	Macomb, MI	cold	5	Sandusky, OH	6.2	16.3	173.8	51.7
Detroit, MI	Macomb, MI	cold	5	Sanilac, MI	5.8	22.2	79.2	34.6
Detroit, MI	Macomb, MI	cold	5	Seneca, OH	7.1	15.3	95.7	53.5
Detroit, MI	Macomb, MI	cold	5	Shiawassee, MI	6.0	15.0	71.8	19.2
Detroit, MI	Macomb, MI	cold	5	St. Clair, MI	12.9	54.0	688.7	1646.2
Detroit, MI	Macomb, MI	cold	5	St. Joseph, MI	6.4	14.7	79.7	23.0
Detroit, MI	Macomb, MI	cold	5	Steuben, IN	4.0	13.5	79.1	18.5
Detroit, MI	Macomb, MI	cold	5	Tuscola, MI	6.7	21.3	56.0	14.9
Detroit, MI	Macomb, MI	cold	5	Van Buren, MI	7.8	15.4	69.7	10.7
Detroit, MI	Macomb, MI	cold	5	Van Wert, OH	3.1	13.0	39.3	29.1
Detroit, MI	Macomb, MI	cold	5	Washtenaw, MI	13.2	19.5	374.0	48.2
Detroit, MI	Macomb, MI	cold	5	Wayne, MI	63.7	108.2	2327.3	1588.7
Detroit, MI	Macomb, MI	cold	5	Williams, OH	5.2	10.3	91.8	5.5
Detroit, MI	Macomb, MI	cold	5	Wood, OH	9.7	19.4	198.1	13.6
Detroit, MI	Macomb, MI	cold	5	Wyandot, OH	3.4	12.3	41.3	3.0
Detroit, MI	Macomb, MI	warm	3	Allegan, MI	8.3	15.6	103.4	19.5
Detroit, MI	Macomb, MI	warm	3	Allen, IN	13.6	43.1	300.4	78.3
Detroit, MI	Macomb, MI	warm	3	Allen, OH	9.7	17.2	182.3	85.3
Detroit, MI	Macomb, MI	warm	3	Arenac, MI	2.5	3.8	21.9	2.5
Detroit, MI	Macomb, MI	warm	3	Barry, MI	5.4	9.4	35.1	5.6
Detroit, MI	Macomb, MI	warm	3	Bay, MI	6.1	20.1	281.6	600.1
Detroit, MI	Macomb, MI	warm	3	Branch, MI	4.2	10.6	37.9	6.0
Detroit, MI	Macomb, MI	warm	3	Calhoun, MI	8.5	15.7	140.1	19.6
Detroit, MI	Macomb, MI	warm	3	Cass, MI	5.3	11.1	40.5	6.0
Detroit, MI	Macomb, MI	warm	3	Clare, MI	3.6	4.3	77.7	2.1
Detroit, MI	Macomb, MI	warm	3	Clinton, MI	5.5	12.2	74.3	7.6
Detroit, MI	Macomb, MI	warm	3	Crawford, OH	3.9	8.8	56.1	4.5
Detroit, MI	Macomb, MI	warm	3	Defiance, OH	7.1	23.2	71.3	4.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Detroit, MI	Macomb, MI	warm	3	DeKalb, IN	6.8	22.0	91.9	29.5
Detroit, MI	Macomb, MI	warm	3	Eaton, MI	7.2	15.2	124.4	74.5
Detroit, MI	Macomb, MI	warm	3	Elkhart, IN	13.3	53.0	201.9	110.2
Detroit, MI	Macomb, MI	warm	3	Erie, OH	6.1	8.2	140.4	22.0
Detroit, MI	Macomb, MI	warm	3	Fulton, OH	7.2	12.1	92.1	6.0
Detroit, MI	Macomb, MI	warm	3	Genesee, MI	11.8	18.0	364.8	39.8
Detroit, MI	Macomb, MI	warm	3	Gladwin, MI	3.2	4.3	14.6	2.1
Detroit, MI	Macomb, MI	warm	3	Gratiot, MI	3.9	12.4	36.8	4.7
Detroit, MI	Macomb, MI	warm	3	Hancock, OH	5.4	13.3	85.7	6.5
Detroit, MI	Macomb, MI	warm	3	Hardin, OH	3.0	9.7	33.4	3.0
Detroit, MI	Macomb, MI	warm	3	Henry, OH	3.3	9.4	37.9	68.6
Detroit, MI	Macomb, MI	warm	3	Hillsdale, MI	4.9	12.1	47.6	38.2
Detroit, MI	Macomb, MI	warm	3	Huron, MI	5.1	25.0	81.5	65.3
Detroit, MI	Macomb, MI	warm	3	Huron, OH	5.0	9.8	56.9	5.1
Detroit, MI	Macomb, MI	warm	3	Ingham, MI	7.6	15.4	264.6	196.0
Detroit, MI	Macomb, MI	warm	3	Ionia, MI	4.4	11.6	47.8	7.4
Detroit, MI	Macomb, MI	warm	3	Isabella, MI	4.7	9.5	42.4	5.0
Detroit, MI	Macomb, MI	warm	3	Jackson, MI	8.5	15.9	118.4	19.8
Detroit, MI	Macomb, MI	warm	3	Kalamazoo, MI	7.8	13.9	210.1	54.7
Detroit, MI	Macomb, MI	warm	3	Kent, MI	17.5	22.1	473.1	98.1
Detroit, MI	Macomb, MI	warm	3	Lagrange, IN	4.9	12.7	62.0	15.1
Detroit, MI	Macomb, MI	warm	3	Lapeer, MI	6.7	13.8	65.2	12.2
Detroit, MI	Macomb, MI	warm	3	Lenawee, MI	6.2	17.5	75.3	12.6
Detroit, MI	Macomb, MI	warm	3	Livingston, MI	9.3	17.5	147.7	18.4
Detroit, MI	Macomb, MI	warm	3	Lucas, OH	14.9	25.4	617.2	520.6
Detroit, MI	Macomb, MI	warm	3	Macomb, MI	16.3	17.9	535.0	106.1
Detroit, MI	Macomb, MI	warm	3	Midland, MI	5.9	9.8	142.4	9.4
Detroit, MI	Macomb, MI	warm	3	Monroe, MI	14.7	97.5	974.1	2539.7
Detroit, MI	Macomb, MI	warm	3	Montcalm, MI	5.7	11.5	55.1	7.3
Detroit, MI	Macomb, MI	warm	3	Noble, IN	4.8	19.4	71.9	24.9
Detroit, MI	Macomb, MI	warm	3	Oakland, MI	30.5	28.6	976.3	138.6
Detroit, MI	Macomb, MI	warm	3	Ottawa, OH	5.4	9.5	108.1	25.3
Detroit, MI	Macomb, MI	warm	3	Paulding, OH	2.6	8.0	34.8	9.3
Detroit, MI	Macomb, MI	warm	3	Putnam, OH	3.9	12.2	44.9	3.7
Detroit, MI	Macomb, MI	warm	3	Saginaw, MI	10.9	24.6	177.4	47.5
Detroit, MI	Macomb, MI	warm	3	Sandusky, OH	5.2	13.5	144.5	43.0
Detroit, MI	Macomb, MI	warm	3	Sanilac, MI	4.8	18.5	65.8	28.8
Detroit, MI	Macomb, MI	warm	3	Seneca, OH	5.9	12.8	79.6	44.5
Detroit, MI	Macomb, MI	warm	3	Shiawassee, MI	5.0	12.5	59.7	15.9
Detroit, MI	Macomb, MI	warm	3	St. Clair, MI	10.7	44.9	572.5	1368.6
Detroit, MI	Macomb, MI	warm	3	St. Joseph, MI	5.3	12.2	66.3	19.1
Detroit, MI	Macomb, MI	warm	3	Steuben, IN	3.3	11.2	65.7	15.3
Detroit, MI	Macomb, MI	warm	3	Tuscola, MI	5.6	17.7	46.6	12.4
Detroit, MI	Macomb, MI	warm	3	Van Buren, MI	6.5	12.8	57.9	8.9
Detroit, MI	Macomb, MI	warm	3	Van Wert, OH	2.6	10.8	32.6	24.2
Detroit, MI	Macomb, MI	warm	3	Washtenaw, MI	11.0	16.2	311.0	40.0
Detroit, MI	Macomb, MI	warm	3	Wayne, MI	53.0	90.0	1934.8	1320.8
Detroit, MI	Macomb, MI	warm	3	Williams, OH	4.3	8.6	76.3	4.5
Detroit, MI	Macomb, MI	warm	3	Wood, OH	8.1	16.1	164.7	11.3
Detroit, MI	Macomb, MI	warm	3	Wyandot, OH	2.8	10.3	34.3	2.5
Detroit, MI	Monroe, MI	cold	5	Allegan, MI	10.0	18.8	124.3	23.5
Detroit, MI	Monroe, MI	cold	5	Allen, IN	16.3	51.9	361.3	94.2
Detroit, MI	Monroe, MI	cold	5	Allen, OH	11.7	20.7	219.2	102.6
Detroit, MI	Monroe, MI	cold	5	Arenac, MI	3.0	4.6	26.3	3.0
Detroit, MI	Monroe, MI	cold	5	Barry, MI	6.5	11.3	42.2	6.8
Detroit, MI	Monroe, MI	cold	5	Bay, MI	7.3	24.1	338.7	721.9
Detroit, MI	Monroe, MI	cold	5	Branch, MI	5.0	12.8	45.6	7.2
Detroit, MI	Monroe, MI	cold	5	Calhoun, MI	10.3	18.9	168.5	23.6
Detroit, MI	Monroe, MI	cold	5	Cass, MI	6.3	13.3	48.7	7.2
Detroit, MI	Monroe, MI	cold	5	Clare, MI	4.4	5.2	93.5	2.5
Detroit, MI	Monroe, MI	cold	5	Clinton, MI	6.6	14.7	89.3	9.2
Detroit, MI	Monroe, MI	cold	5	Crawford, OH	4.7	10.6	67.5	5.4
Detroit, MI	Monroe, MI	cold	5	Defiance, OH	8.5	27.9	85.8	5.6
Detroit, MI	Monroe, MI	cold	5	DeKalb, IN	8.2	26.4	110.6	35.4
Detroit, MI	Monroe, MI	cold	5	Eaton, MI	8.6	18.3	149.6	89.7
Detroit, MI	Monroe, MI	cold	5	Elkhart, IN	15.9	63.7	242.9	132.6
Detroit, MI	Monroe, MI	cold	5	Erie, OH	7.3	9.8	168.8	26.5
Detroit, MI	Monroe, MI	cold	5	Fulton, OH	8.6	14.6	110.8	7.3
Detroit, MI	Monroe, MI	cold	5	Genesee, MI	14.2	21.7	438.8	47.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Detroit, MI	Monroe, MI	cold	5	Gladwin, MI	3.8	5.1	17.5	2.6
Detroit, MI	Monroe, MI	cold	5	Gratiot, MI	4.7	14.9	44.2	5.7
Detroit, MI	Monroe, MI	cold	5	Hancock, OH	6.5	16.0	103.1	7.8
Detroit, MI	Monroe, MI	cold	5	Hardin, OH	3.6	11.6	40.1	3.6
Detroit, MI	Monroe, MI	cold	5	Henry, OH	4.0	11.4	45.6	82.5
Detroit, MI	Monroe, MI	cold	5	Hillsdale, MI	5.9	14.6	57.3	46.0
Detroit, MI	Monroe, MI	cold	5	Huron, MI	6.2	30.1	98.0	78.6
Detroit, MI	Monroe, MI	cold	5	Huron, OH	6.1	11.8	68.5	6.2
Detroit, MI	Monroe, MI	cold	5	Ingham, MI	9.1	18.5	318.2	235.8
Detroit, MI	Monroe, MI	cold	5	Ionia, MI	5.3	14.0	57.5	8.8
Detroit, MI	Monroe, MI	cold	5	Isabella, MI	5.7	11.4	51.1	6.1
Detroit, MI	Monroe, MI	cold	5	Jackson, MI	10.2	19.2	142.4	23.8
Detroit, MI	Monroe, MI	cold	5	Kalamazoo, MI	9.4	16.7	252.8	65.8
Detroit, MI	Monroe, MI	cold	5	Kent, MI	21.1	26.6	569.1	118.0
Detroit, MI	Monroe, MI	cold	5	Lagrange, IN	5.9	15.3	74.6	18.2
Detroit, MI	Monroe, MI	cold	5	Lapeer, MI	8.1	16.6	78.5	14.6
Detroit, MI	Monroe, MI	cold	5	Lenawee, MI	7.5	21.0	90.6	15.1
Detroit, MI	Monroe, MI	cold	5	Livingston, MI	11.1	21.0	177.7	22.1
Detroit, MI	Monroe, MI	cold	5	Lucas, OH	17.9	30.5	742.3	626.2
Detroit, MI	Monroe, MI	cold	5	Macomb, MI	19.7	21.6	643.6	127.6
Detroit, MI	Monroe, MI	cold	5	Midland, MI	7.0	11.8	171.2	11.3
Detroit, MI	Monroe, MI	cold	5	Monroe, MI	17.7	117.3	1171.7	3054.8
Detroit, MI	Monroe, MI	cold	5	Montcalm, MI	6.9	13.8	66.3	8.8
Detroit, MI	Monroe, MI	cold	5	Noble, IN	5.8	23.3	86.5	30.0
Detroit, MI	Monroe, MI	cold	5	Oakland, MI	36.7	34.4	1174.3	166.7
Detroit, MI	Monroe, MI	cold	5	Ottawa, OH	6.5	11.4	130.0	30.4
Detroit, MI	Monroe, MI	cold	5	Paulding, OH	3.1	9.7	41.9	11.2
Detroit, MI	Monroe, MI	cold	5	Putnam, OH	4.7	14.7	54.0	4.4
Detroit, MI	Monroe, MI	cold	5	Saginaw, MI	13.1	29.6	213.4	57.1
Detroit, MI	Monroe, MI	cold	5	Sandusky, OH	6.2	16.3	173.8	51.7
Detroit, MI	Monroe, MI	cold	5	Sanilac, MI	5.8	22.2	79.2	34.6
Detroit, MI	Monroe, MI	cold	5	Seneca, OH	7.1	15.3	95.7	53.5
Detroit, MI	Monroe, MI	cold	5	Shiawassee, MI	6.0	15.0	71.8	19.2
Detroit, MI	Monroe, MI	cold	5	St. Clair, MI	12.9	54.0	688.7	1646.2
Detroit, MI	Monroe, MI	cold	5	St. Joseph, MI	6.4	14.7	79.7	23.0
Detroit, MI	Monroe, MI	cold	5	Steuben, IN	4.0	13.5	79.1	18.5
Detroit, MI	Monroe, MI	cold	5	Tuscola, MI	6.7	21.3	56.0	14.9
Detroit, MI	Monroe, MI	cold	5	Van Buren, MI	7.8	15.4	69.7	10.7
Detroit, MI	Monroe, MI	cold	5	Van Wert, OH	3.1	13.0	39.3	29.1
Detroit, MI	Monroe, MI	cold	5	Washtenaw, MI	13.2	19.5	374.0	48.2
Detroit, MI	Monroe, MI	cold	5	Wayne, MI	63.7	108.2	2327.3	1588.7
Detroit, MI	Monroe, MI	cold	5	Williams, OH	5.2	10.3	91.8	5.5
Detroit, MI	Monroe, MI	cold	5	Wood, OH	9.7	19.4	198.1	13.6
Detroit, MI	Monroe, MI	cold	5	Wyandot, OH	3.4	12.3	41.3	3.0
Detroit, MI	Monroe, MI	warm	3	Allegan, MI	8.3	15.6	103.4	19.5
Detroit, MI	Monroe, MI	warm	3	Allen, IN	13.6	43.1	300.4	78.3
Detroit, MI	Monroe, MI	warm	3	Allen, OH	9.7	17.2	182.3	85.3
Detroit, MI	Monroe, MI	warm	3	Arenac, MI	2.5	3.8	21.9	2.5
Detroit, MI	Monroe, MI	warm	3	Barry, MI	5.4	9.4	35.1	5.6
Detroit, MI	Monroe, MI	warm	3	Bay, MI	6.1	20.1	281.6	600.1
Detroit, MI	Monroe, MI	warm	3	Branch, MI	4.2	10.6	37.9	6.0
Detroit, MI	Monroe, MI	warm	3	Calhoun, MI	8.5	15.7	140.1	19.6
Detroit, MI	Monroe, MI	warm	3	Cass, MI	5.3	11.1	40.5	6.0
Detroit, MI	Monroe, MI	warm	3	Clare, MI	3.6	4.3	77.7	2.1
Detroit, MI	Monroe, MI	warm	3	Clinton, MI	5.5	12.2	74.3	7.6
Detroit, MI	Monroe, MI	warm	3	Crawford, OH	3.9	8.8	56.1	4.5
Detroit, MI	Monroe, MI	warm	3	Defiance, OH	7.1	23.2	71.3	4.6
Detroit, MI	Monroe, MI	warm	3	DeKalb, IN	6.8	22.0	91.9	29.5
Detroit, MI	Monroe, MI	warm	3	Eaton, MI	7.2	15.2	124.4	74.5
Detroit, MI	Monroe, MI	warm	3	Elkhart, IN	13.3	53.0	201.9	110.2
Detroit, MI	Monroe, MI	warm	3	Erie, OH	6.1	8.2	140.4	22.0
Detroit, MI	Monroe, MI	warm	3	Fulton, OH	7.2	12.1	92.1	6.0
Detroit, MI	Monroe, MI	warm	3	Genesee, MI	11.8	18.0	364.8	39.8
Detroit, MI	Monroe, MI	warm	3	Gladwin, MI	3.2	4.3	14.6	2.1
Detroit, MI	Monroe, MI	warm	3	Gratiot, MI	3.9	12.4	36.8	4.7
Detroit, MI	Monroe, MI	warm	3	Hancock, OH	5.4	13.3	85.7	6.5
Detroit, MI	Monroe, MI	warm	3	Hardin, OH	3.0	9.7	33.4	3.0
Detroit, MI	Monroe, MI	warm	3	Henry, OH	3.3	9.4	37.9	68.6
Detroit, MI	Monroe, MI	warm	3	Hillsdale, MI	4.9	12.1	47.6	38.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Detroit, MI	Monroe, MI	warm	3	Huron, MI	5.1	25.0	81.5	65.3
Detroit, MI	Monroe, MI	warm	3	Huron, OH	5.0	9.8	56.9	5.1
Detroit, MI	Monroe, MI	warm	3	Ingham, MI	7.6	15.4	264.6	196.0
Detroit, MI	Monroe, MI	warm	3	Ionia, MI	4.4	11.6	47.8	7.4
Detroit, MI	Monroe, MI	warm	3	Isabella, MI	4.7	9.5	42.4	5.0
Detroit, MI	Monroe, MI	warm	3	Jackson, MI	8.5	15.9	118.4	19.8
Detroit, MI	Monroe, MI	warm	3	Kalamazoo, MI	7.8	13.9	210.1	54.7
Detroit, MI	Monroe, MI	warm	3	Kent, MI	17.5	22.1	473.1	98.1
Detroit, MI	Monroe, MI	warm	3	Lagrange, IN	4.9	12.7	62.0	15.1
Detroit, MI	Monroe, MI	warm	3	Lapeer, MI	6.7	13.8	65.2	12.2
Detroit, MI	Monroe, MI	warm	3	Lenawee, MI	6.2	17.5	75.3	12.6
Detroit, MI	Monroe, MI	warm	3	Livingston, MI	9.3	17.5	147.7	18.4
Detroit, MI	Monroe, MI	warm	3	Lucas, OH	14.9	25.4	617.2	520.6
Detroit, MI	Monroe, MI	warm	3	Macomb, MI	16.3	17.9	535.0	106.1
Detroit, MI	Monroe, MI	warm	3	Midland, MI	5.9	9.8	142.4	9.4
Detroit, MI	Monroe, MI	warm	3	Monroe, MI	14.7	97.5	974.1	2539.7
Detroit, MI	Monroe, MI	warm	3	Montcalm, MI	5.7	11.5	55.1	7.3
Detroit, MI	Monroe, MI	warm	3	Noble, IN	4.8	19.4	71.9	24.9
Detroit, MI	Monroe, MI	warm	3	Oakland, MI	30.5	28.6	976.3	138.6
Detroit, MI	Monroe, MI	warm	3	Ottawa, OH	5.4	9.5	108.1	25.3
Detroit, MI	Monroe, MI	warm	3	Paulding, OH	2.6	8.0	34.8	9.3
Detroit, MI	Monroe, MI	warm	3	Putnam, OH	3.9	12.2	44.9	3.7
Detroit, MI	Monroe, MI	warm	3	Saginaw, MI	10.9	24.6	177.4	47.5
Detroit, MI	Monroe, MI	warm	3	Sandusky, OH	5.2	13.5	144.5	43.0
Detroit, MI	Monroe, MI	warm	3	Sanilac, MI	4.8	18.5	65.8	28.8
Detroit, MI	Monroe, MI	warm	3	Seneca, OH	5.9	12.8	79.6	44.5
Detroit, MI	Monroe, MI	warm	3	Shiawassee, MI	5.0	12.5	59.7	15.9
Detroit, MI	Monroe, MI	warm	3	St. Clair, MI	10.7	44.9	572.5	1368.6
Detroit, MI	Monroe, MI	warm	3	St. Joseph, MI	5.3	12.2	66.3	19.1
Detroit, MI	Monroe, MI	warm	3	Steuben, IN	3.3	11.2	65.7	15.3
Detroit, MI	Monroe, MI	warm	3	Tuscola, MI	5.6	17.7	46.6	12.4
Detroit, MI	Monroe, MI	warm	3	Van Buren, MI	6.5	12.8	57.9	8.9
Detroit, MI	Monroe, MI	warm	3	Van Wert, OH	2.6	10.8	32.6	24.2
Detroit, MI	Monroe, MI	warm	3	Washtenaw, MI	11.0	16.2	311.0	40.0
Detroit, MI	Monroe, MI	warm	3	Wayne, MI	53.0	90.0	1934.8	1320.8
Detroit, MI	Monroe, MI	warm	3	Williams, OH	4.3	8.6	76.3	4.5
Detroit, MI	Monroe, MI	warm	3	Wood, OH	8.1	16.1	164.7	11.3
Detroit, MI	Monroe, MI	warm	3	Wyandot, OH	2.8	10.3	34.3	2.5
Detroit, MI	Oakland, MI	cold	5	Allegan, MI	10.0	18.8	124.3	23.5
Detroit, MI	Oakland, MI	cold	5	Allen, IN	16.3	51.9	361.3	94.2
Detroit, MI	Oakland, MI	cold	5	Allen, OH	11.7	20.7	219.2	102.6
Detroit, MI	Oakland, MI	cold	5	Arenac, MI	3.0	4.6	26.3	3.0
Detroit, MI	Oakland, MI	cold	5	Barry, MI	6.5	11.3	42.2	6.8
Detroit, MI	Oakland, MI	cold	5	Bay, MI	7.3	24.1	338.7	721.9
Detroit, MI	Oakland, MI	cold	5	Branch, MI	5.0	12.8	45.6	7.2
Detroit, MI	Oakland, MI	cold	5	Calhoun, MI	10.3	18.9	168.5	23.6
Detroit, MI	Oakland, MI	cold	5	Cass, MI	6.3	13.3	48.7	7.2
Detroit, MI	Oakland, MI	cold	5	Clare, MI	4.4	5.2	93.5	2.5
Detroit, MI	Oakland, MI	cold	5	Clinton, MI	6.6	14.7	89.3	9.2
Detroit, MI	Oakland, MI	cold	5	Crawford, OH	4.7	10.6	67.5	5.4
Detroit, MI	Oakland, MI	cold	5	Defiance, OH	8.5	27.9	85.8	5.6
Detroit, MI	Oakland, MI	cold	5	DeKalb, IN	8.2	26.4	110.6	35.4
Detroit, MI	Oakland, MI	cold	5	Eaton, MI	8.6	18.3	149.6	89.7
Detroit, MI	Oakland, MI	cold	5	Elkhart, IN	15.9	63.7	242.9	132.6
Detroit, MI	Oakland, MI	cold	5	Erie, OH	7.3	9.8	168.8	26.5
Detroit, MI	Oakland, MI	cold	5	Fulton, OH	8.6	14.6	110.8	7.3
Detroit, MI	Oakland, MI	cold	5	Genesee, MI	14.2	21.7	438.8	47.8
Detroit, MI	Oakland, MI	cold	5	Gladwin, MI	3.8	5.1	17.5	2.6
Detroit, MI	Oakland, MI	cold	5	Gratiot, MI	4.7	14.9	44.2	5.7
Detroit, MI	Oakland, MI	cold	5	Hancock, OH	6.5	16.0	103.1	7.8
Detroit, MI	Oakland, MI	cold	5	Hardin, OH	3.6	11.6	40.1	3.6
Detroit, MI	Oakland, MI	cold	5	Henry, OH	4.0	11.4	45.6	82.5
Detroit, MI	Oakland, MI	cold	5	Hillsdale, MI	5.9	14.6	57.3	46.0
Detroit, MI	Oakland, MI	cold	5	Huron, MI	6.2	30.1	98.0	78.6
Detroit, MI	Oakland, MI	cold	5	Huron, OH	6.1	11.8	68.5	6.2
Detroit, MI	Oakland, MI	cold	5	Ingham, MI	9.1	18.5	318.2	235.8
Detroit, MI	Oakland, MI	cold	5	Ionia, MI	5.3	14.0	57.5	8.8
Detroit, MI	Oakland, MI	cold	5	Isabella, MI	5.7	11.4	51.1	6.1
Detroit, MI	Oakland, MI	cold	5	Jackson, MI	10.2	19.2	142.4	23.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Detroit, MI	Oakland, MI	cold	5	Kalamazoo, MI	9.4	16.7	252.8	65.8
Detroit, MI	Oakland, MI	cold	5	Kent, MI	21.1	26.6	569.1	118.0
Detroit, MI	Oakland, MI	cold	5	Lagrange, IN	5.9	15.3	74.6	18.2
Detroit, MI	Oakland, MI	cold	5	Lapeer, MI	8.1	16.6	78.5	14.6
Detroit, MI	Oakland, MI	cold	5	Lenawee, MI	7.5	21.0	90.6	15.1
Detroit, MI	Oakland, MI	cold	5	Livingston, MI	11.1	21.0	177.7	22.1
Detroit, MI	Oakland, MI	cold	5	Lucas, OH	17.9	30.5	742.3	626.2
Detroit, MI	Oakland, MI	cold	5	Macomb, MI	19.7	21.6	643.6	127.6
Detroit, MI	Oakland, MI	cold	5	Midland, MI	7.0	11.8	171.2	11.3
Detroit, MI	Oakland, MI	cold	5	Monroe, MI	17.7	117.3	1171.7	3054.8
Detroit, MI	Oakland, MI	cold	5	Montcalm, MI	6.9	13.8	66.3	8.8
Detroit, MI	Oakland, MI	cold	5	Noble, IN	5.8	23.3	86.5	30.0
Detroit, MI	Oakland, MI	cold	5	Oakland, MI	36.7	34.4	1174.3	166.7
Detroit, MI	Oakland, MI	cold	5	Ottawa, OH	6.5	11.4	130.0	30.4
Detroit, MI	Oakland, MI	cold	5	Paulding, OH	3.1	9.7	41.9	11.2
Detroit, MI	Oakland, MI	cold	5	Putnam, OH	4.7	14.7	54.0	4.4
Detroit, MI	Oakland, MI	cold	5	Saginaw, MI	13.1	29.6	213.4	57.1
Detroit, MI	Oakland, MI	cold	5	Sandusky, OH	6.2	16.3	173.8	51.7
Detroit, MI	Oakland, MI	cold	5	Sanilac, MI	5.8	22.2	79.2	34.6
Detroit, MI	Oakland, MI	cold	5	Seneca, OH	7.1	15.3	95.7	53.5
Detroit, MI	Oakland, MI	cold	5	Shiawassee, MI	6.0	15.0	71.8	19.2
Detroit, MI	Oakland, MI	cold	5	St. Clair, MI	12.9	54.0	688.7	1646.2
Detroit, MI	Oakland, MI	cold	5	St. Joseph, MI	6.4	14.7	79.7	23.0
Detroit, MI	Oakland, MI	cold	5	Steuben, IN	4.0	13.5	79.1	18.5
Detroit, MI	Oakland, MI	cold	5	Tuscola, MI	6.7	21.3	56.0	14.9
Detroit, MI	Oakland, MI	cold	5	Van Buren, MI	7.8	15.4	69.7	10.7
Detroit, MI	Oakland, MI	cold	5	Van Wert, OH	3.1	13.0	39.3	29.1
Detroit, MI	Oakland, MI	cold	5	Washtenaw, MI	13.2	19.5	374.0	48.2
Detroit, MI	Oakland, MI	cold	5	Wayne, MI	63.7	108.2	2327.3	1588.7
Detroit, MI	Oakland, MI	cold	5	Williams, OH	5.2	10.3	91.8	5.5
Detroit, MI	Oakland, MI	cold	5	Wood, OH	9.7	19.4	198.1	13.6
Detroit, MI	Oakland, MI	cold	5	Wyandot, OH	3.4	12.3	41.3	3.0
Detroit, MI	Oakland, MI	warm	4	Allegan, MI	11.1	20.8	137.8	26.0
Detroit, MI	Oakland, MI	warm	4	Allen, IN	18.1	57.5	400.5	104.4
Detroit, MI	Oakland, MI	warm	4	Allen, OH	13.0	23.0	243.0	113.8
Detroit, MI	Oakland, MI	warm	4	Arenac, MI	3.4	5.1	29.2	3.3
Detroit, MI	Oakland, MI	warm	4	Barry, MI	7.2	12.6	46.8	7.5
Detroit, MI	Oakland, MI	warm	4	Bay, MI	8.1	26.8	375.4	800.2
Detroit, MI	Oakland, MI	warm	4	Branch, MI	5.5	14.1	50.5	8.0
Detroit, MI	Oakland, MI	warm	4	Calhoun, MI	11.4	21.0	186.8	26.1
Detroit, MI	Oakland, MI	warm	4	Cass, MI	7.0	14.8	54.0	8.0
Detroit, MI	Oakland, MI	warm	4	Clare, MI	4.9	5.7	103.7	2.8
Detroit, MI	Oakland, MI	warm	4	Clinton, MI	7.4	16.3	99.0	10.2
Detroit, MI	Oakland, MI	warm	4	Crawford, OH	5.2	11.7	74.8	6.0
Detroit, MI	Oakland, MI	warm	4	Defiance, OH	9.4	30.9	95.1	6.2
Detroit, MI	Oakland, MI	warm	4	DeKalb, IN	9.1	29.3	122.6	39.3
Detroit, MI	Oakland, MI	warm	4	Eaton, MI	9.6	20.3	165.8	99.4
Detroit, MI	Oakland, MI	warm	4	Elkhart, IN	17.7	70.6	269.3	146.9
Detroit, MI	Oakland, MI	warm	4	Erie, OH	8.1	10.9	187.1	29.4
Detroit, MI	Oakland, MI	warm	4	Fulton, OH	9.5	16.2	122.8	8.1
Detroit, MI	Oakland, MI	warm	4	Genesee, MI	15.7	24.1	486.4	53.0
Detroit, MI	Oakland, MI	warm	4	Gladwin, MI	4.2	5.7	19.5	2.8
Detroit, MI	Oakland, MI	warm	4	Gratiot, MI	5.2	16.5	49.0	6.3
Detroit, MI	Oakland, MI	warm	4	Hancock, OH	7.2	17.7	114.2	8.7
Detroit, MI	Oakland, MI	warm	4	Hardin, OH	4.0	12.9	44.5	4.0
Detroit, MI	Oakland, MI	warm	4	Henry, OH	4.4	12.6	50.5	91.4
Detroit, MI	Oakland, MI	warm	4	Hillsdale, MI	6.5	16.1	63.5	50.9
Detroit, MI	Oakland, MI	warm	4	Huron, MI	6.8	33.3	108.7	87.1
Detroit, MI	Oakland, MI	warm	4	Huron, OH	6.7	13.1	75.9	6.9
Detroit, MI	Oakland, MI	warm	4	Ingham, MI	10.1	20.5	352.8	261.4
Detroit, MI	Oakland, MI	warm	4	Ionia, MI	5.8	15.5	63.8	9.8
Detroit, MI	Oakland, MI	warm	4	Isabella, MI	6.3	12.7	56.6	6.7
Detroit, MI	Oakland, MI	warm	4	Jackson, MI	11.3	21.3	157.9	26.4
Detroit, MI	Oakland, MI	warm	4	Kalamazoo, MI	10.4	18.5	280.2	73.0
Detroit, MI	Oakland, MI	warm	4	Kent, MI	23.4	29.4	630.8	130.8
Detroit, MI	Oakland, MI	warm	4	Lagrange, IN	6.6	17.0	82.7	20.1
Detroit, MI	Oakland, MI	warm	4	Lapeer, MI	9.0	18.4	87.0	16.2
Detroit, MI	Oakland, MI	warm	4	Lenawee, MI	8.3	23.3	100.4	16.8
Detroit, MI	Oakland, MI	warm	4	Livingston, MI	12.3	23.3	196.9	24.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Detroit, MI	Oakland, MI	warm	4	Lucas, OH	19.8	33.8	822.9	694.1
Detroit, MI	Oakland, MI	warm	4	Macomb, MI	21.8	23.9	713.4	141.5
Detroit, MI	Oakland, MI	warm	4	Midland, MI	7.8	13.0	189.8	12.5
Detroit, MI	Oakland, MI	warm	4	Monroe, MI	19.7	130.0	1298.8	3386.2
Detroit, MI	Oakland, MI	warm	4	Montcalm, MI	7.6	15.3	73.5	9.7
Detroit, MI	Oakland, MI	warm	4	Noble, IN	6.4	25.9	95.9	33.2
Detroit, MI	Oakland, MI	warm	4	Oakland, MI	40.7	38.1	1301.7	184.8
Detroit, MI	Oakland, MI	warm	4	Ottawa, OH	7.2	12.6	144.1	33.7
Detroit, MI	Oakland, MI	warm	4	Paulding, OH	3.4	10.7	46.4	12.5
Detroit, MI	Oakland, MI	warm	4	Putnam, OH	5.2	16.2	59.9	4.9
Detroit, MI	Oakland, MI	warm	4	Saginaw, MI	14.6	32.8	236.6	63.3
Detroit, MI	Oakland, MI	warm	4	Sandusky, OH	6.9	18.1	192.7	57.3
Detroit, MI	Oakland, MI	warm	4	Sanilac, MI	6.4	24.6	87.8	38.4
Detroit, MI	Oakland, MI	warm	4	Seneca, OH	7.9	17.0	106.1	59.3
Detroit, MI	Oakland, MI	warm	4	Shiawassee, MI	6.7	16.7	79.6	21.2
Detroit, MI	Oakland, MI	warm	4	St. Clair, MI	14.3	59.9	763.4	1824.8
Detroit, MI	Oakland, MI	warm	4	St. Joseph, MI	7.1	16.2	88.4	25.5
Detroit, MI	Oakland, MI	warm	4	Steuben, IN	4.4	15.0	87.6	20.5
Detroit, MI	Oakland, MI	warm	4	Tuscola, MI	7.4	23.6	62.1	16.5
Detroit, MI	Oakland, MI	warm	4	Van Buren, MI	8.6	17.0	77.2	11.8
Detroit, MI	Oakland, MI	warm	4	Van Wert, OH	3.4	14.5	43.5	32.3
Detroit, MI	Oakland, MI	warm	4	Washtenaw, MI	14.6	21.6	414.6	53.4
Detroit, MI	Oakland, MI	warm	4	Wayne, MI	70.6	119.9	2579.8	1761.0
Detroit, MI	Oakland, MI	warm	4	Williams, OH	5.7	11.5	101.8	6.1
Detroit, MI	Oakland, MI	warm	4	Wood, OH	10.8	21.5	219.6	15.0
Detroit, MI	Oakland, MI	warm	4	Wyandot, OH	3.7	13.7	45.8	3.3
Detroit, MI	St. Clair, MI	cold	7	Allegan, MI	14.0	26.3	174.0	32.8
Detroit, MI	St. Clair, MI	cold	7	Allen, IN	22.9	72.6	505.8	131.8
Detroit, MI	St. Clair, MI	cold	7	Allen, OH	16.4	29.0	306.9	143.7
Detroit, MI	St. Clair, MI	cold	7	Arenac, MI	4.2	6.4	36.9	4.1
Detroit, MI	St. Clair, MI	cold	7	Barry, MI	9.0	15.9	59.1	9.5
Detroit, MI	St. Clair, MI	cold	7	Bay, MI	10.3	33.8	474.2	1010.6
Detroit, MI	St. Clair, MI	cold	7	Branch, MI	7.0	17.9	63.8	10.1
Detroit, MI	St. Clair, MI	cold	7	Calhoun, MI	14.4	26.5	235.9	33.0
Detroit, MI	St. Clair, MI	cold	7	Cass, MI	8.9	18.7	68.2	10.1
Detroit, MI	St. Clair, MI	cold	7	Clare, MI	6.1	7.2	130.9	3.5
Detroit, MI	St. Clair, MI	cold	7	Clinton, MI	9.3	20.6	125.0	12.9
Detroit, MI	St. Clair, MI	cold	7	Crawford, OH	6.6	14.8	94.5	7.5
Detroit, MI	St. Clair, MI	cold	7	Defiance, OH	11.9	39.1	120.1	7.8
Detroit, MI	St. Clair, MI	cold	7	DeKalb, IN	11.4	37.0	154.8	49.6
Detroit, MI	St. Clair, MI	cold	7	Eaton, MI	12.1	25.6	209.5	125.5
Detroit, MI	St. Clair, MI	cold	7	Elkhart, IN	22.3	89.2	340.1	185.6
Detroit, MI	St. Clair, MI	cold	7	Erie, OH	10.3	13.8	236.4	37.1
Detroit, MI	St. Clair, MI	cold	7	Fulton, OH	12.0	20.5	155.1	10.2
Detroit, MI	St. Clair, MI	cold	7	Genesee, MI	19.9	30.4	614.3	67.0
Detroit, MI	St. Clair, MI	cold	7	Gladwin, MI	5.3	7.2	24.6	3.6
Detroit, MI	St. Clair, MI	cold	7	Gratiot, MI	6.6	20.9	61.9	8.0
Detroit, MI	St. Clair, MI	cold	7	Hancock, OH	9.1	22.3	144.3	11.0
Detroit, MI	St. Clair, MI	cold	7	Hardin, OH	5.1	16.3	56.2	5.0
Detroit, MI	St. Clair, MI	cold	7	Henry, OH	5.5	15.9	63.8	115.5
Detroit, MI	St. Clair, MI	cold	7	Hillsdale, MI	8.2	20.4	80.2	64.3
Detroit, MI	St. Clair, MI	cold	7	Huron, MI	8.6	42.1	137.3	110.0
Detroit, MI	St. Clair, MI	cold	7	Huron, OH	8.5	16.5	95.9	8.7
Detroit, MI	St. Clair, MI	cold	7	Ingham, MI	12.8	25.9	445.5	330.1
Detroit, MI	St. Clair, MI	cold	7	Ionia, MI	7.4	19.5	80.6	12.4
Detroit, MI	St. Clair, MI	cold	7	Isabella, MI	7.9	16.0	71.5	8.5
Detroit, MI	St. Clair, MI	cold	7	Jackson, MI	14.3	26.8	199.4	33.3
Detroit, MI	St. Clair, MI	cold	7	Kalamazoo, MI	13.2	23.4	353.9	92.2
Detroit, MI	St. Clair, MI	cold	7	Kent, MI	29.5	37.2	796.7	165.2
Detroit, MI	St. Clair, MI	cold	7	Lagrange, IN	8.3	21.4	104.4	25.4
Detroit, MI	St. Clair, MI	cold	7	Lapeer, MI	11.4	23.3	109.8	20.5
Detroit, MI	St. Clair, MI	cold	7	Lenawee, MI	10.5	29.5	126.8	21.2
Detroit, MI	St. Clair, MI	cold	7	Livingston, MI	15.6	29.4	248.7	30.9
Detroit, MI	St. Clair, MI	cold	7	Lucas, OH	25.0	42.7	1039.3	876.7
Detroit, MI	St. Clair, MI	cold	7	Macomb, MI	27.5	30.2	901.0	178.7
Detroit, MI	St. Clair, MI	cold	7	Midland, MI	9.9	16.5	239.7	15.8
Detroit, MI	St. Clair, MI	cold	7	Monroe, MI	24.8	164.2	1640.3	4276.7
Detroit, MI	St. Clair, MI	cold	7	Montcalm, MI	9.6	19.3	92.8	12.3
Detroit, MI	St. Clair, MI	cold	7	Noble, IN	8.1	32.7	121.1	42.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Detroit, MI	St. Clair, MI	cold	7	Oakland, MI	51.4	48.2	1644.0	233.4
Detroit, MI	St. Clair, MI	cold	7	Ottawa, OH	9.0	16.0	182.0	42.6
Detroit, MI	St. Clair, MI	cold	7	Paulding, OH	4.3	13.5	58.6	15.7
Detroit, MI	St. Clair, MI	cold	7	Putnam, OH	6.6	20.5	75.6	6.2
Detroit, MI	St. Clair, MI	cold	7	Saginaw, MI	18.4	41.4	298.8	80.0
Detroit, MI	St. Clair, MI	cold	7	Sandusky, OH	8.7	22.8	243.4	72.4
Detroit, MI	St. Clair, MI	cold	7	Sanilac, MI	8.1	31.1	110.8	48.5
Detroit, MI	St. Clair, MI	cold	7	Seneca, OH	10.0	21.5	134.0	74.9
Detroit, MI	St. Clair, MI	cold	7	Shiawassee, MI	8.5	21.1	100.5	26.8
Detroit, MI	St. Clair, MI	cold	7	St. Clair, MI	18.0	75.6	964.1	2304.7
Detroit, MI	St. Clair, MI	cold	7	St. Joseph, MI	9.0	20.5	111.6	32.2
Detroit, MI	St. Clair, MI	cold	7	Steuben, IN	5.6	18.9	110.7	25.8
Detroit, MI	St. Clair, MI	cold	7	Tuscola, MI	9.4	29.8	78.4	20.9
Detroit, MI	St. Clair, MI	cold	7	Van Buren, MI	10.9	21.5	97.6	14.9
Detroit, MI	St. Clair, MI	cold	7	Van Wert, OH	4.3	18.3	55.0	40.8
Detroit, MI	St. Clair, MI	cold	7	Washtenaw, MI	18.5	27.3	523.6	67.4
Detroit, MI	St. Clair, MI	cold	7	Wayne, MI	89.2	151.5	3258.2	2224.1
Detroit, MI	St. Clair, MI	cold	7	Williams, OH	7.2	14.5	128.5	7.7
Detroit, MI	St. Clair, MI	cold	7	Wood, OH	13.6	27.1	277.4	19.0
Detroit, MI	St. Clair, MI	cold	7	Wyandot, OH	4.7	17.3	57.8	4.2
Detroit, MI	St. Clair, MI	warm	4	Allegan, MI	11.1	20.8	137.8	26.0
Detroit, MI	St. Clair, MI	warm	4	Allen, IN	18.1	57.5	400.5	104.4
Detroit, MI	St. Clair, MI	warm	4	Allen, OH	13.0	23.0	243.0	113.8
Detroit, MI	St. Clair, MI	warm	4	Arenac, MI	3.4	5.1	29.2	3.3
Detroit, MI	St. Clair, MI	warm	4	Barry, MI	7.2	12.6	46.8	7.5
Detroit, MI	St. Clair, MI	warm	4	Bay, MI	8.1	26.8	375.4	800.2
Detroit, MI	St. Clair, MI	warm	4	Branch, MI	5.5	14.1	50.5	8.0
Detroit, MI	St. Clair, MI	warm	4	Calhoun, MI	11.4	21.0	186.8	26.1
Detroit, MI	St. Clair, MI	warm	4	Cass, MI	7.0	14.8	54.0	8.0
Detroit, MI	St. Clair, MI	warm	4	Clare, MI	4.9	5.7	103.7	2.8
Detroit, MI	St. Clair, MI	warm	4	Clinton, MI	7.4	16.3	99.0	10.2
Detroit, MI	St. Clair, MI	warm	4	Crawford, OH	5.2	11.7	74.8	6.0
Detroit, MI	St. Clair, MI	warm	4	Defiance, OH	9.4	30.9	95.1	6.2
Detroit, MI	St. Clair, MI	warm	4	DeKalb, IN	9.1	29.3	122.6	39.3
Detroit, MI	St. Clair, MI	warm	4	Eaton, MI	9.6	20.3	165.8	99.4
Detroit, MI	St. Clair, MI	warm	4	Elkhart, IN	17.7	70.6	269.3	146.9
Detroit, MI	St. Clair, MI	warm	4	Erie, OH	8.1	10.9	187.1	29.4
Detroit, MI	St. Clair, MI	warm	4	Fulton, OH	9.5	16.2	122.8	8.1
Detroit, MI	St. Clair, MI	warm	4	Genesee, MI	15.7	24.1	486.4	53.0
Detroit, MI	St. Clair, MI	warm	4	Gladwin, MI	4.2	5.7	19.5	2.8
Detroit, MI	St. Clair, MI	warm	4	Gratiot, MI	5.2	16.5	49.0	6.3
Detroit, MI	St. Clair, MI	warm	4	Hancock, OH	7.2	17.7	114.2	8.7
Detroit, MI	St. Clair, MI	warm	4	Hardin, OH	4.0	12.9	44.5	4.0
Detroit, MI	St. Clair, MI	warm	4	Henry, OH	4.4	12.6	50.5	91.4
Detroit, MI	St. Clair, MI	warm	4	Hillsdale, MI	6.5	16.1	63.5	50.9
Detroit, MI	St. Clair, MI	warm	4	Huron, MI	6.8	33.3	108.7	87.1
Detroit, MI	St. Clair, MI	warm	4	Huron, OH	6.7	13.1	75.9	6.9
Detroit, MI	St. Clair, MI	warm	4	Ingham, MI	10.1	20.5	352.8	261.4
Detroit, MI	St. Clair, MI	warm	4	Ionia, MI	5.8	15.5	63.8	9.8
Detroit, MI	St. Clair, MI	warm	4	Isabella, MI	6.3	12.7	56.6	6.7
Detroit, MI	St. Clair, MI	warm	4	Jackson, MI	11.3	21.3	157.9	26.4
Detroit, MI	St. Clair, MI	warm	4	Kalamazoo, MI	10.4	18.5	280.2	73.0
Detroit, MI	St. Clair, MI	warm	4	Kent, MI	23.4	29.4	630.8	130.8
Detroit, MI	St. Clair, MI	warm	4	Lagrange, IN	6.6	17.0	82.7	20.1
Detroit, MI	St. Clair, MI	warm	4	Lapeer, MI	9.0	18.4	87.0	16.2
Detroit, MI	St. Clair, MI	warm	4	Lenawee, MI	8.3	23.3	100.4	16.8
Detroit, MI	St. Clair, MI	warm	4	Livingston, MI	12.3	23.3	196.9	24.5
Detroit, MI	St. Clair, MI	warm	4	Lucas, OH	19.8	33.8	822.9	694.1
Detroit, MI	St. Clair, MI	warm	4	Macomb, MI	21.8	23.9	713.4	141.5
Detroit, MI	St. Clair, MI	warm	4	Midland, MI	7.8	13.0	189.8	12.5
Detroit, MI	St. Clair, MI	warm	4	Monroe, MI	19.7	130.0	1298.8	3386.2
Detroit, MI	St. Clair, MI	warm	4	Montcalm, MI	7.6	15.3	73.5	9.7
Detroit, MI	St. Clair, MI	warm	4	Noble, IN	6.4	25.9	95.9	33.2
Detroit, MI	St. Clair, MI	warm	4	Oakland, MI	40.7	38.1	1301.7	184.8
Detroit, MI	St. Clair, MI	warm	4	Ottawa, OH	7.2	12.6	144.1	33.7
Detroit, MI	St. Clair, MI	warm	4	Paulding, OH	3.4	10.7	46.4	12.5
Detroit, MI	St. Clair, MI	warm	4	Putnam, OH	5.2	16.2	59.9	4.9
Detroit, MI	St. Clair, MI	warm	4	Saginaw, MI	14.6	32.8	236.6	63.3
Detroit, MI	St. Clair, MI	warm	4	Sandusky, OH	6.9	18.1	192.7	57.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Detroit, MI	St. Clair, MI	warm	4	Sanilac, MI	6.4	24.6	87.8	38.4
Detroit, MI	St. Clair, MI	warm	4	Seneca, OH	7.9	17.0	106.1	59.3
Detroit, MI	St. Clair, MI	warm	4	Shiawassee, MI	6.7	16.7	79.6	21.2
Detroit, MI	St. Clair, MI	warm	4	St. Clair, MI	14.3	59.9	763.4	1824.8
Detroit, MI	St. Clair, MI	warm	4	St. Joseph, MI	7.1	16.2	88.4	25.5
Detroit, MI	St. Clair, MI	warm	4	Steuben, IN	4.4	15.0	87.6	20.5
Detroit, MI	St. Clair, MI	warm	4	Tuscola, MI	7.4	23.6	62.1	16.5
Detroit, MI	St. Clair, MI	warm	4	Van Buren, MI	8.6	17.0	77.2	11.8
Detroit, MI	St. Clair, MI	warm	4	Van Wert, OH	3.4	14.5	43.5	32.3
Detroit, MI	St. Clair, MI	warm	4	Washtenaw, MI	14.6	21.6	414.6	53.4
Detroit, MI	St. Clair, MI	warm	4	Wayne, MI	70.6	119.9	2579.8	1761.0
Detroit, MI	St. Clair, MI	warm	4	Williams, OH	5.7	11.5	101.8	6.1
Detroit, MI	St. Clair, MI	warm	4	Wood, OH	10.8	21.5	219.6	15.0
Detroit, MI	St. Clair, MI	warm	4	Wyandot, OH	3.7	13.7	45.8	3.3
Detroit, MI	Washtenaw, MI	cold	5	Allegan, MI	10.0	18.8	124.3	23.5
Detroit, MI	Washtenaw, MI	cold	5	Allen, IN	16.3	51.9	361.3	94.2
Detroit, MI	Washtenaw, MI	cold	5	Allen, OH	11.7	20.7	219.2	102.6
Detroit, MI	Washtenaw, MI	cold	5	Arenac, MI	3.0	4.6	26.3	3.0
Detroit, MI	Washtenaw, MI	cold	5	Barry, MI	6.5	11.3	42.2	6.8
Detroit, MI	Washtenaw, MI	cold	5	Bay, MI	7.3	24.1	338.7	721.9
Detroit, MI	Washtenaw, MI	cold	5	Branch, MI	5.0	12.8	45.6	7.2
Detroit, MI	Washtenaw, MI	cold	5	Calhoun, MI	10.3	18.9	168.5	23.6
Detroit, MI	Washtenaw, MI	cold	5	Cass, MI	6.3	13.3	48.7	7.2
Detroit, MI	Washtenaw, MI	cold	5	Clare, MI	4.4	5.2	93.5	2.5
Detroit, MI	Washtenaw, MI	cold	5	Clinton, MI	6.6	14.7	89.3	9.2
Detroit, MI	Washtenaw, MI	cold	5	Crawford, OH	4.7	10.6	67.5	5.4
Detroit, MI	Washtenaw, MI	cold	5	Defiance, OH	8.5	27.9	85.8	5.6
Detroit, MI	Washtenaw, MI	cold	5	DeKalb, IN	8.2	26.4	110.6	35.4
Detroit, MI	Washtenaw, MI	cold	5	Eaton, MI	8.6	18.3	149.6	89.7
Detroit, MI	Washtenaw, MI	cold	5	Elkhart, IN	15.9	63.7	242.9	132.6
Detroit, MI	Washtenaw, MI	cold	5	Erie, OH	7.3	9.8	168.8	26.5
Detroit, MI	Washtenaw, MI	cold	5	Fulton, OH	8.6	14.6	110.8	7.3
Detroit, MI	Washtenaw, MI	cold	5	Genesee, MI	14.2	21.7	438.8	47.8
Detroit, MI	Washtenaw, MI	cold	5	Gladwin, MI	3.8	5.1	17.5	2.6
Detroit, MI	Washtenaw, MI	cold	5	Gratiot, MI	4.7	14.9	44.2	5.7
Detroit, MI	Washtenaw, MI	cold	5	Hancock, OH	6.5	16.0	103.1	7.8
Detroit, MI	Washtenaw, MI	cold	5	Hardin, OH	3.6	11.6	40.1	3.6
Detroit, MI	Washtenaw, MI	cold	5	Henry, OH	4.0	11.4	45.6	82.5
Detroit, MI	Washtenaw, MI	cold	5	Hillsdale, MI	5.9	14.6	57.3	46.0
Detroit, MI	Washtenaw, MI	cold	5	Huron, MI	6.2	30.1	98.0	78.6
Detroit, MI	Washtenaw, MI	cold	5	Huron, OH	6.1	11.8	68.5	6.2
Detroit, MI	Washtenaw, MI	cold	5	Ingham, MI	9.1	18.5	318.2	235.8
Detroit, MI	Washtenaw, MI	cold	5	Ionia, MI	5.3	14.0	57.5	8.8
Detroit, MI	Washtenaw, MI	cold	5	Isabella, MI	5.7	11.4	51.1	6.1
Detroit, MI	Washtenaw, MI	cold	5	Jackson, MI	10.2	19.2	142.4	23.8
Detroit, MI	Washtenaw, MI	cold	5	Kalamazoo, MI	9.4	16.7	252.8	65.8
Detroit, MI	Washtenaw, MI	cold	5	Kent, MI	21.1	26.6	569.1	118.0
Detroit, MI	Washtenaw, MI	cold	5	Lagrange, IN	5.9	15.3	74.6	18.2
Detroit, MI	Washtenaw, MI	cold	5	Lapeer, MI	8.1	16.6	78.5	14.6
Detroit, MI	Washtenaw, MI	cold	5	Lenawee, MI	7.5	21.0	90.6	15.1
Detroit, MI	Washtenaw, MI	cold	5	Livingston, MI	11.1	21.0	177.7	22.1
Detroit, MI	Washtenaw, MI	cold	5	Lucas, OH	17.9	30.5	742.3	626.2
Detroit, MI	Washtenaw, MI	cold	5	Macomb, MI	19.7	21.6	643.6	127.6
Detroit, MI	Washtenaw, MI	cold	5	Midland, MI	7.0	11.8	171.2	11.3
Detroit, MI	Washtenaw, MI	cold	5	Monroe, MI	17.7	117.3	1171.7	3054.8
Detroit, MI	Washtenaw, MI	cold	5	Montcalm, MI	6.9	13.8	66.3	8.8
Detroit, MI	Washtenaw, MI	cold	5	Noble, IN	5.8	23.3	86.5	30.0
Detroit, MI	Washtenaw, MI	cold	5	Oakland, MI	36.7	34.4	1174.3	166.7
Detroit, MI	Washtenaw, MI	cold	5	Ottawa, OH	6.5	11.4	130.0	30.4
Detroit, MI	Washtenaw, MI	cold	5	Paulding, OH	3.1	9.7	41.9	11.2
Detroit, MI	Washtenaw, MI	cold	5	Putnam, OH	4.7	14.7	54.0	4.4
Detroit, MI	Washtenaw, MI	cold	5	Saginaw, MI	13.1	29.6	213.4	57.1
Detroit, MI	Washtenaw, MI	cold	5	Sandusky, OH	6.2	16.3	173.8	51.7
Detroit, MI	Washtenaw, MI	cold	5	Sanilac, MI	5.8	22.2	79.2	34.6
Detroit, MI	Washtenaw, MI	cold	5	Seneca, OH	7.1	15.3	95.7	53.5
Detroit, MI	Washtenaw, MI	cold	5	Shiawassee, MI	6.0	15.0	71.8	19.2
Detroit, MI	Washtenaw, MI	cold	5	St. Clair, MI	12.9	54.0	688.7	1646.2
Detroit, MI	Washtenaw, MI	cold	5	St. Joseph, MI	6.4	14.7	79.7	23.0
Detroit, MI	Washtenaw, MI	cold	5	Steuben, IN	4.0	13.5	79.1	18.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Detroit, MI	Washtenaw, MI	cold	5	Tuscola, MI	6.7	21.3	56.0	14.9
Detroit, MI	Washtenaw, MI	cold	5	Van Buren, MI	7.8	15.4	69.7	10.7
Detroit, MI	Washtenaw, MI	cold	5	Van Wert, OH	3.1	13.0	39.3	29.1
Detroit, MI	Washtenaw, MI	cold	5	Washtenaw, MI	13.2	19.5	374.0	48.2
Detroit, MI	Washtenaw, MI	cold	5	Wayne, MI	63.7	108.2	2327.3	1588.7
Detroit, MI	Washtenaw, MI	cold	5	Williams, OH	5.2	10.3	91.8	5.5
Detroit, MI	Washtenaw, MI	cold	5	Wood, OH	9.7	19.4	198.1	13.6
Detroit, MI	Washtenaw, MI	cold	5	Wyandot, OH	3.4	12.3	41.3	3.0
Detroit, MI	Washtenaw, MI	warm	2	Allegan, MI	5.5	10.4	68.9	13.0
Detroit, MI	Washtenaw, MI	warm	2	Allen, IN	9.1	28.8	200.3	52.2
Detroit, MI	Washtenaw, MI	warm	2	Allen, OH	6.5	11.5	121.5	56.9
Detroit, MI	Washtenaw, MI	warm	2	Arenac, MI	1.7	2.5	14.6	1.6
Detroit, MI	Washtenaw, MI	warm	2	Barry, MI	3.6	6.3	23.4	3.8
Detroit, MI	Washtenaw, MI	warm	2	Bay, MI	4.1	13.4	187.7	400.1
Detroit, MI	Washtenaw, MI	warm	2	Branch, MI	2.8	7.1	25.3	4.0
Detroit, MI	Washtenaw, MI	warm	2	Calhoun, MI	5.7	10.5	93.4	13.1
Detroit, MI	Washtenaw, MI	warm	2	Cass, MI	3.5	7.4	27.0	4.0
Detroit, MI	Washtenaw, MI	warm	2	Clare, MI	2.4	2.9	51.8	1.4
Detroit, MI	Washtenaw, MI	warm	2	Clinton, MI	3.7	8.1	49.5	5.1
Detroit, MI	Washtenaw, MI	warm	2	Crawford, OH	2.6	5.9	37.4	3.0
Detroit, MI	Washtenaw, MI	warm	2	Defiance, OH	4.7	15.5	47.6	3.1
Detroit, MI	Washtenaw, MI	warm	2	DeKalb, IN	4.5	14.6	61.3	19.6
Detroit, MI	Washtenaw, MI	warm	2	Eaton, MI	4.8	10.1	82.9	49.7
Detroit, MI	Washtenaw, MI	warm	2	Elkhart, IN	8.8	35.3	134.6	73.5
Detroit, MI	Washtenaw, MI	warm	2	Erie, OH	4.1	5.4	93.6	14.7
Detroit, MI	Washtenaw, MI	warm	2	Fulton, OH	4.8	8.1	61.4	4.0
Detroit, MI	Washtenaw, MI	warm	2	Genesee, MI	7.9	12.0	243.2	26.5
Detroit, MI	Washtenaw, MI	warm	2	Gladwin, MI	2.1	2.8	9.7	1.4
Detroit, MI	Washtenaw, MI	warm	2	Gratiot, MI	2.6	8.3	24.5	3.2
Detroit, MI	Washtenaw, MI	warm	2	Hancock, OH	3.6	8.8	57.1	4.3
Detroit, MI	Washtenaw, MI	warm	2	Hardin, OH	2.0	6.4	22.3	2.0
Detroit, MI	Washtenaw, MI	warm	2	Henry, OH	2.2	6.3	25.3	45.7
Detroit, MI	Washtenaw, MI	warm	2	Hillsdale, MI	3.3	8.1	31.7	25.5
Detroit, MI	Washtenaw, MI	warm	2	Huron, MI	3.4	16.7	54.3	43.6
Detroit, MI	Washtenaw, MI	warm	2	Huron, OH	3.4	6.5	38.0	3.4
Detroit, MI	Washtenaw, MI	warm	2	Ingham, MI	5.1	10.3	176.4	130.7
Detroit, MI	Washtenaw, MI	warm	2	Ionia, MI	2.9	7.7	31.9	4.9
Detroit, MI	Washtenaw, MI	warm	2	Isabella, MI	3.1	6.3	28.3	3.4
Detroit, MI	Washtenaw, MI	warm	2	Jackson, MI	5.7	10.6	78.9	13.2
Detroit, MI	Washtenaw, MI	warm	2	Kalamazoo, MI	5.2	9.3	140.1	36.5
Detroit, MI	Washtenaw, MI	warm	2	Kent, MI	11.7	14.7	315.4	65.4
Detroit, MI	Washtenaw, MI	warm	2	Lagrange, IN	3.3	8.5	41.3	10.1
Detroit, MI	Washtenaw, MI	warm	2	Lapeer, MI	4.5	9.2	43.5	8.1
Detroit, MI	Washtenaw, MI	warm	2	Lenawee, MI	4.2	11.7	50.2	8.4
Detroit, MI	Washtenaw, MI	warm	2	Livingston, MI	6.2	11.6	98.5	12.2
Detroit, MI	Washtenaw, MI	warm	2	Lucas, OH	9.9	16.9	411.4	347.1
Detroit, MI	Washtenaw, MI	warm	2	Macomb, MI	10.9	12.0	356.7	70.7
Detroit, MI	Washtenaw, MI	warm	2	Midland, MI	3.9	6.5	94.9	6.3
Detroit, MI	Washtenaw, MI	warm	2	Monroe, MI	9.8	65.0	649.4	1693.1
Detroit, MI	Washtenaw, MI	warm	2	Montcalm, MI	3.8	7.6	36.7	4.9
Detroit, MI	Washtenaw, MI	warm	2	Noble, IN	3.2	12.9	47.9	16.6
Detroit, MI	Washtenaw, MI	warm	2	Oakland, MI	20.3	19.1	650.8	92.4
Detroit, MI	Washtenaw, MI	warm	2	Ottawa, OH	3.6	6.3	72.1	16.9
Detroit, MI	Washtenaw, MI	warm	2	Paulding, OH	1.7	5.4	23.2	6.2
Detroit, MI	Washtenaw, MI	warm	2	Putnam, OH	2.6	8.1	29.9	2.4
Detroit, MI	Washtenaw, MI	warm	2	Saginaw, MI	7.3	16.4	118.3	31.7
Detroit, MI	Washtenaw, MI	warm	2	Sandusky, OH	3.5	9.0	96.3	28.7
Detroit, MI	Washtenaw, MI	warm	2	Sanilac, MI	3.2	12.3	43.9	19.2
Detroit, MI	Washtenaw, MI	warm	2	Seneca, OH	3.9	8.5	53.1	29.6
Detroit, MI	Washtenaw, MI	warm	2	Shiawassee, MI	3.3	8.3	39.8	10.6
Detroit, MI	Washtenaw, MI	warm	2	St. Clair, MI	7.1	29.9	381.7	912.4
Detroit, MI	Washtenaw, MI	warm	2	St. Joseph, MI	3.6	8.1	44.2	12.7
Detroit, MI	Washtenaw, MI	warm	2	Steuben, IN	2.2	7.5	43.8	10.2
Detroit, MI	Washtenaw, MI	warm	2	Tuscola, MI	3.7	11.8	31.0	8.3
Detroit, MI	Washtenaw, MI	warm	2	Van Buren, MI	4.3	8.5	38.6	5.9
Detroit, MI	Washtenaw, MI	warm	2	Van Wert, OH	1.7	7.2	21.8	16.1
Detroit, MI	Washtenaw, MI	warm	2	Washtenaw, MI	7.3	10.8	207.3	26.7
Detroit, MI	Washtenaw, MI	warm	2	Wayne, MI	35.3	60.0	1289.9	880.5
Detroit, MI	Washtenaw, MI	warm	2	Williams, OH	2.9	5.7	50.9	3.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Detroit, MI	Washtenaw, MI	warm	2	Wood, OH	5.4	10.7	109.8	7.5
Detroit, MI	Washtenaw, MI	warm	2	Wyandot, OH	1.9	6.8	22.9	1.7
Detroit, MI	Wayne, MI	cold	50	Allegan, MI	35.9	67.6	447.6	84.4
Detroit, MI	Wayne, MI	cold	50	Allen, IN	58.8	186.8	1300.7	339.0
Detroit, MI	Wayne, MI	cold	50	Allen, OH	42.1	74.7	789.3	369.5
Detroit, MI	Wayne, MI	cold	50	Arenac, MI	10.9	16.4	94.8	10.6
Detroit, MI	Wayne, MI	cold	50	Barry, MI	23.3	40.8	151.9	24.4
Detroit, MI	Wayne, MI	cold	50	Bay, MI	26.4	86.9	1219.2	2598.8
Detroit, MI	Wayne, MI	cold	50	Branch, MI	18.0	45.9	164.1	26.0
Detroit, MI	Wayne, MI	cold	50	Calhoun, MI	36.9	68.1	606.6	84.9
Detroit, MI	Wayne, MI	cold	50	Cass, MI	22.8	48.0	175.3	26.0
Detroit, MI	Wayne, MI	cold	50	Clare, MI	15.8	18.6	336.7	9.0
Detroit, MI	Wayne, MI	cold	50	Clinton, MI	23.9	52.9	321.5	33.1
Detroit, MI	Wayne, MI	cold	50	Crawford, OH	16.9	38.0	243.1	19.3
Detroit, MI	Wayne, MI	cold	50	Defiance, OH	30.6	100.4	308.9	20.1
Detroit, MI	Wayne, MI	cold	50	DeKalb, IN	29.4	95.1	398.1	127.6
Detroit, MI	Wayne, MI	cold	50	Eaton, MI	31.1	65.8	538.6	322.8
Detroit, MI	Wayne, MI	cold	50	Elkhart, IN	57.4	229.3	874.5	477.2
Detroit, MI	Wayne, MI	cold	50	Erie, OH	26.4	35.4	607.8	95.4
Detroit, MI	Wayne, MI	cold	50	Fulton, OH	31.0	52.6	398.7	26.2
Detroit, MI	Wayne, MI	cold	50	Genesee, MI	51.1	78.1	1579.5	172.3
Detroit, MI	Wayne, MI	cold	50	Gladwin, MI	13.7	18.5	63.2	9.2
Detroit, MI	Wayne, MI	cold	50	Gratiot, MI	16.9	53.7	159.2	20.5
Detroit, MI	Wayne, MI	cold	50	Hancock, OH	23.3	57.4	371.0	28.2
Detroit, MI	Wayne, MI	cold	50	Hardin, OH	13.1	41.8	144.5	13.0
Detroit, MI	Wayne, MI	cold	50	Henry, OH	14.3	40.9	164.0	297.0
Detroit, MI	Wayne, MI	cold	50	Hillsdale, MI	21.1	52.4	206.1	165.4
Detroit, MI	Wayne, MI	cold	50	Huron, MI	22.2	108.3	353.0	282.9
Detroit, MI	Wayne, MI	cold	50	Huron, OH	21.9	42.5	246.6	22.3
Detroit, MI	Wayne, MI	cold	50	Ingham, MI	32.9	66.7	1145.6	848.8
Detroit, MI	Wayne, MI	cold	50	Ionia, MI	18.9	50.2	207.2	31.8
Detroit, MI	Wayne, MI	cold	50	Isabella, MI	20.4	41.1	183.8	21.8
Detroit, MI	Wayne, MI	cold	50	Jackson, MI	36.8	69.0	512.8	85.6
Detroit, MI	Wayne, MI	cold	50	Kalamazoo, MI	33.9	60.2	910.0	237.0
Detroit, MI	Wayne, MI	cold	50	Kent, MI	76.0	95.6	2048.8	424.9
Detroit, MI	Wayne, MI	cold	50	Lagrange, IN	21.3	55.2	268.5	65.4
Detroit, MI	Wayne, MI	cold	50	Lapeer, MI	29.2	59.8	282.4	52.7
Detroit, MI	Wayne, MI	cold	50	Lenawee, MI	27.0	75.8	326.1	54.4
Detroit, MI	Wayne, MI	cold	50	Livingston, MI	40.1	75.6	639.6	79.5
Detroit, MI	Wayne, MI	cold	50	Lucas, OH	64.3	109.9	2672.4	2254.3
Detroit, MI	Wayne, MI	cold	50	Macomb, MI	70.8	77.7	2316.9	459.5
Detroit, MI	Wayne, MI	cold	50	Midland, MI	25.4	42.4	616.5	40.7
Detroit, MI	Wayne, MI	cold	50	Monroe, MI	63.9	422.3	4218.0	10997.2
Detroit, MI	Wayne, MI	cold	50	Montcalm, MI	24.7	49.6	238.6	31.6
Detroit, MI	Wayne, MI	cold	50	Noble, IN	20.8	84.0	311.4	107.9
Detroit, MI	Wayne, MI	cold	50	Oakland, MI	132.1	123.8	4227.4	600.3
Detroit, MI	Wayne, MI	cold	50	Ottawa, OH	23.3	41.0	468.1	109.5
Detroit, MI	Wayne, MI	cold	50	Paulding, OH	11.1	34.8	150.7	40.5
Detroit, MI	Wayne, MI	cold	50	Putnam, OH	16.9	52.8	194.4	15.9
Detroit, MI	Wayne, MI	cold	50	Saginaw, MI	47.3	106.4	768.2	205.7
Detroit, MI	Wayne, MI	cold	50	Sandusky, OH	22.4	58.7	625.8	186.2
Detroit, MI	Wayne, MI	cold	50	Sanilac, MI	20.8	80.0	285.0	124.7
Detroit, MI	Wayne, MI	cold	50	Seneca, OH	25.6	55.2	344.7	192.5
Detroit, MI	Wayne, MI	cold	50	Shiawassee, MI	21.7	54.2	258.4	69.0
Detroit, MI	Wayne, MI	cold	50	St. Clair, MI	46.4	194.5	2479.2	5926.4
Detroit, MI	Wayne, MI	cold	50	St. Joseph, MI	23.1	52.8	287.0	82.8
Detroit, MI	Wayne, MI	cold	50	Steuben, IN	14.4	48.6	284.6	66.4
Detroit, MI	Wayne, MI	cold	50	Tuscola, MI	24.1	76.5	201.7	53.7
Detroit, MI	Wayne, MI	cold	50	Van Buren, MI	28.1	55.3	250.9	38.4
Detroit, MI	Wayne, MI	cold	50	Van Wert, OH	11.1	47.0	141.3	104.8
Detroit, MI	Wayne, MI	cold	50	Washtenaw, MI	47.5	70.2	1346.5	173.4
Detroit, MI	Wayne, MI	cold	50	Wayne, MI	229.3	389.5	8378.2	5719.2
Detroit, MI	Wayne, MI	cold	50	Williams, OH	18.6	37.2	330.5	19.7
Detroit, MI	Wayne, MI	cold	50	Wood, OH	35.0	69.8	713.3	48.8
Detroit, MI	Wayne, MI	cold	50	Wyandot, OH	12.1	44.4	148.6	10.9
Detroit, MI	Wayne, MI	warm	27	Allegan, MI	22.1	41.6	275.6	52.0
Detroit, MI	Wayne, MI	warm	27	Allen, IN	36.2	115.0	801.0	208.8
Detroit, MI	Wayne, MI	warm	27	Allen, OH	25.9	46.0	486.1	227.5
Detroit, MI	Wayne, MI	warm	27	Arenac, MI	6.7	10.1	58.4	6.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Detroit, MI	Wayne, MI	warm	27	Barry, MI	14.3	25.1	93.6	15.0
Detroit, MI	Wayne, MI	warm	27	Bay, MI	16.3	53.5	750.9	1600.4
Detroit, MI	Wayne, MI	warm	27	Branch, MI	11.1	28.3	101.1	16.0
Detroit, MI	Wayne, MI	warm	27	Calhoun, MI	22.7	41.9	373.6	52.3
Detroit, MI	Wayne, MI	warm	27	Cass, MI	14.0	29.5	107.9	16.0
Detroit, MI	Wayne, MI	warm	27	Clare, MI	9.7	11.4	207.3	5.5
Detroit, MI	Wayne, MI	warm	27	Clinton, MI	14.7	32.6	198.0	20.4
Detroit, MI	Wayne, MI	warm	27	Crawford, OH	10.4	23.4	149.7	11.9
Detroit, MI	Wayne, MI	warm	27	Defiance, OH	18.9	61.9	190.2	12.4
Detroit, MI	Wayne, MI	warm	27	DeKalb, IN	18.1	58.5	245.2	78.5
Detroit, MI	Wayne, MI	warm	27	Eaton, MI	19.1	40.5	331.7	198.8
Detroit, MI	Wayne, MI	warm	27	Elkhart, IN	35.3	141.2	538.5	293.9
Detroit, MI	Wayne, MI	warm	27	Erie, OH	16.3	21.8	374.3	58.7
Detroit, MI	Wayne, MI	warm	27	Fulton, OH	19.1	32.4	245.5	16.1
Detroit, MI	Wayne, MI	warm	27	Genesee, MI	31.5	48.1	972.7	106.1
Detroit, MI	Wayne, MI	warm	27	Gladwin, MI	8.4	11.4	38.9	5.7
Detroit, MI	Wayne, MI	warm	27	Gratiot, MI	10.4	33.1	98.1	12.6
Detroit, MI	Wayne, MI	warm	27	Hancock, OH	14.4	35.4	228.5	17.4
Detroit, MI	Wayne, MI	warm	27	Hardin, OH	8.0	25.7	89.0	8.0
Detroit, MI	Wayne, MI	warm	27	Henry, OH	8.8	25.2	101.0	182.9
Detroit, MI	Wayne, MI	warm	27	Hillsdale, MI	13.0	32.3	126.9	101.9
Detroit, MI	Wayne, MI	warm	27	Huron, MI	13.7	66.7	217.4	174.2
Detroit, MI	Wayne, MI	warm	27	Huron, OH	13.5	26.2	151.8	13.7
Detroit, MI	Wayne, MI	warm	27	Ingham, MI	20.3	41.1	705.5	522.7
Detroit, MI	Wayne, MI	warm	27	Ionia, MI	11.7	30.9	127.6	19.6
Detroit, MI	Wayne, MI	warm	27	Isabella, MI	12.6	25.3	113.2	13.5
Detroit, MI	Wayne, MI	warm	27	Jackson, MI	22.6	42.5	315.8	52.7
Detroit, MI	Wayne, MI	warm	27	Kalamazoo, MI	20.9	37.1	560.4	145.9
Detroit, MI	Wayne, MI	warm	27	Kent, MI	46.8	58.9	1261.7	261.7
Detroit, MI	Wayne, MI	warm	27	Lagrange, IN	13.1	34.0	165.4	40.3
Detroit, MI	Wayne, MI	warm	27	Lapeer, MI	18.0	36.8	173.9	32.5
Detroit, MI	Wayne, MI	warm	27	Lenawee, MI	16.6	46.7	200.8	33.5
Detroit, MI	Wayne, MI	warm	27	Livingston, MI	24.7	46.6	393.9	49.0
Detroit, MI	Wayne, MI	warm	27	Lucas, OH	39.6	67.7	1645.8	1388.3
Detroit, MI	Wayne, MI	warm	27	Macomb, MI	43.6	47.8	1426.8	283.0
Detroit, MI	Wayne, MI	warm	27	Midland, MI	15.6	26.1	379.6	25.1
Detroit, MI	Wayne, MI	warm	27	Monroe, MI	39.3	260.1	2597.6	6772.4
Detroit, MI	Wayne, MI	warm	27	Montcalm, MI	15.2	30.5	146.9	19.4
Detroit, MI	Wayne, MI	warm	27	Noble, IN	12.8	51.7	191.8	66.4
Detroit, MI	Wayne, MI	warm	27	Oakland, MI	81.4	76.3	2603.4	369.7
Detroit, MI	Wayne, MI	warm	27	Ottawa, OH	14.3	25.3	288.2	67.4
Detroit, MI	Wayne, MI	warm	27	Paulding, OH	6.9	21.4	92.8	24.9
Detroit, MI	Wayne, MI	warm	27	Putnam, OH	10.4	32.5	119.7	9.8
Detroit, MI	Wayne, MI	warm	27	Saginaw, MI	29.1	65.5	473.1	126.7
Detroit, MI	Wayne, MI	warm	27	Sandusky, OH	13.8	36.1	385.4	114.6
Detroit, MI	Wayne, MI	warm	27	Sanilac, MI	12.8	49.3	175.5	76.8
Detroit, MI	Wayne, MI	warm	27	Seneca, OH	15.8	34.0	212.3	118.5
Detroit, MI	Wayne, MI	warm	27	Shiawassee, MI	13.4	33.4	159.1	42.5
Detroit, MI	Wayne, MI	warm	27	St. Clair, MI	28.6	119.8	1526.8	3649.6
Detroit, MI	Wayne, MI	warm	27	St. Joseph, MI	14.2	32.5	176.8	51.0
Detroit, MI	Wayne, MI	warm	27	Steuben, IN	8.9	29.9	175.3	40.9
Detroit, MI	Wayne, MI	warm	27	Tuscola, MI	14.8	47.1	124.2	33.0
Detroit, MI	Wayne, MI	warm	27	Van Buren, MI	17.3	34.0	154.5	23.7
Detroit, MI	Wayne, MI	warm	27	Van Wert, OH	6.8	28.9	87.0	64.5
Detroit, MI	Wayne, MI	warm	27	Washtenaw, MI	29.3	43.2	829.2	106.8
Detroit, MI	Wayne, MI	warm	27	Wayne, MI	141.2	239.9	5159.6	3522.1
Detroit, MI	Wayne, MI	warm	27	Williams, OH	11.4	22.9	203.5	12.1
Detroit, MI	Wayne, MI	warm	27	Wood, OH	21.5	43.0	439.3	30.1
Detroit, MI	Wayne, MI	warm	27	Wyandot, OH	7.5	27.3	91.5	6.7
Evansville, IN	Dubois, IN	cold	1	Anderson, KY	0.5	0.8	3.9	1.2
Evansville, IN	Dubois, IN	cold	1	Barren, KY	1.2	1.8	11.6	2.9
Evansville, IN	Dubois, IN	cold	1	Bartholomew, IN	1.1	4.3	15.7	6.7
Evansville, IN	Dubois, IN	cold	1	Breckinridge, KY	0.6	1.0	11.3	1.6
Evansville, IN	Dubois, IN	cold	1	Brown, IN	0.5	0.6	3.3	0.3
Evansville, IN	Dubois, IN	cold	1	Bullitt, KY	1.3	1.7	14.8	4.0
Evansville, IN	Dubois, IN	cold	1	Butler, KY	0.3	0.7	2.8	0.9
Evansville, IN	Dubois, IN	cold	1	Caldwell, KY	0.4	1.2	2.8	0.5
Evansville, IN	Dubois, IN	cold	1	Carroll, KY	1.2	9.8	82.3	239.9
Evansville, IN	Dubois, IN	cold	1	Christian, KY	1.1	2.2	18.6	4.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Evansville, IN	Dubois, IN	cold	1	Clark, IL	0.7	2.4	7.8	0.5
Evansville, IN	Dubois, IN	cold	1	Clark, IN	1.6	4.3	27.1	19.1
Evansville, IN	Dubois, IN	cold	1	Clay, IL	0.7	2.2	5.3	0.4
Evansville, IN	Dubois, IN	cold	1	Clay, IN	0.8	2.6	7.9	1.2
Evansville, IN	Dubois, IN	cold	1	Coles, IL	0.7	2.9	10.5	1.0
Evansville, IN	Dubois, IN	cold	1	Crawford, IL	1.0	7.3	20.9	64.9
Evansville, IN	Dubois, IN	cold	1	Crawford, IN	0.7	0.7	18.5	2.6
Evansville, IN	Dubois, IN	cold	1	Crittenden, KY	0.4	0.5	9.0	1.8
Evansville, IN	Dubois, IN	cold	1	Cumberland, IL	0.5	2.0	5.8	0.3
Evansville, IN	Dubois, IN	cold	1	Daviess, IN	0.9	3.4	7.7	1.5
Evansville, IN	Dubois, IN	cold	1	Daviess, KY	1.7	4.6	56.0	35.9
Evansville, IN	Dubois, IN	cold	1	Decatur, IN	0.7	3.8	11.0	3.0
Evansville, IN	Dubois, IN	cold	1	Dubois, IN	1.1	4.2	16.2	10.1
Evansville, IN	Dubois, IN	cold	1	Edgar, IL	0.7	3.8	7.2	0.7
Evansville, IN	Dubois, IN	cold	1	Edmonson, KY	0.3	0.4	2.7	0.2
Evansville, IN	Dubois, IN	cold	1	Edwards, IL	0.3	1.2	2.3	0.2
Evansville, IN	Dubois, IN	cold	1	Effingham, IL	1.0	2.9	13.2	0.7
Evansville, IN	Dubois, IN	cold	1	Floyd, IN	1.3	12.1	38.5	271.2
Evansville, IN	Dubois, IN	cold	1	Fountain, IN	0.5	2.9	8.1	1.5
Evansville, IN	Dubois, IN	cold	1	Franklin, IL	0.8	2.0	10.8	0.6
Evansville, IN	Dubois, IN	cold	1	Franklin, KY	0.7	1.0	10.1	2.5
Evansville, IN	Dubois, IN	cold	1	Gallatin, IL	0.3	1.8	4.7	0.7
Evansville, IN	Dubois, IN	cold	1	Gibson, IN	2.0	25.8	154.0	730.1
Evansville, IN	Dubois, IN	cold	1	Grayson, KY	0.6	1.1	4.7	1.7
Evansville, IN	Dubois, IN	cold	1	Green, KY	0.3	0.5	2.2	0.3
Evansville, IN	Dubois, IN	cold	1	Greene, IN	0.7	1.9	7.4	1.2
Evansville, IN	Dubois, IN	cold	1	Hamilton, IL	0.6	1.9	3.3	0.3
Evansville, IN	Dubois, IN	cold	1	Hancock, KY	1.6	16.8	40.2	305.2
Evansville, IN	Dubois, IN	cold	1	Hardin, IL	0.2	0.5	5.4	1.0
Evansville, IN	Dubois, IN	cold	1	Hardin, KY	1.7	2.4	22.2	5.7
Evansville, IN	Dubois, IN	cold	1	Harrison, IN	1.1	2.3	16.1	3.2
Evansville, IN	Dubois, IN	cold	1	Hart, KY	0.6	0.7	8.1	0.8
Evansville, IN	Dubois, IN	cold	1	Henderson, KY	1.3	3.9	26.1	40.6
Evansville, IN	Dubois, IN	cold	1	Hendricks, IN	1.5	4.7	27.4	2.8
Evansville, IN	Dubois, IN	cold	1	Henry, KY	0.5	1.0	6.2	0.7
Evansville, IN	Dubois, IN	cold	1	Hopkins, KY	0.8	1.5	14.5	2.2
Evansville, IN	Dubois, IN	cold	1	Jackson, IN	1.1	2.9	15.9	3.8
Evansville, IN	Dubois, IN	cold	1	Jasper, IL	0.6	4.9	27.6	99.6
Evansville, IN	Dubois, IN	cold	1	Jefferson, IL	1.2	2.7	15.7	1.1
Evansville, IN	Dubois, IN	cold	1	Jefferson, IN	0.8	4.6	118.9	355.3
Evansville, IN	Dubois, IN	cold	1	Jefferson, KY	12.9	13.4	276.6	250.3
Evansville, IN	Dubois, IN	cold	1	Jennings, IN	2.7	4.6	30.0	36.6
Evansville, IN	Dubois, IN	cold	1	Johnson, IN	1.0	4.0	22.2	4.5
Evansville, IN	Dubois, IN	cold	1	Knox, IN	0.8	4.9	17.9	35.0
Evansville, IN	Dubois, IN	cold	1	Larue, KY	0.4	0.7	3.8	0.9
Evansville, IN	Dubois, IN	cold	1	Lawrence, IL	0.4	1.9	4.5	0.3
Evansville, IN	Dubois, IN	cold	1	Lawrence, IN	1.0	2.8	31.7	21.4
Evansville, IN	Dubois, IN	cold	1	Livingston, KY	0.6	0.9	10.2	1.6
Evansville, IN	Dubois, IN	cold	1	Logan, KY	0.9	2.1	6.5	2.2
Evansville, IN	Dubois, IN	cold	1	Lyon, KY	0.5	0.6	8.1	0.7
Evansville, IN	Dubois, IN	cold	1	Marion, IL	1.1	2.0	9.0	0.6
Evansville, IN	Dubois, IN	cold	1	Marion, IN	5.9	22.0	177.7	287.3
Evansville, IN	Dubois, IN	cold	1	Marion, KY	0.5	0.8	3.6	1.2
Evansville, IN	Dubois, IN	cold	1	Martin, IN	0.3	1.0	3.9	0.5
Evansville, IN	Dubois, IN	cold	1	McLean, KY	0.4	1.1	2.3	0.3
Evansville, IN	Dubois, IN	cold	1	Meade, KY	0.9	1.1	16.6	3.1
Evansville, IN	Dubois, IN	cold	1	Metcalfe, KY	0.4	0.8	2.6	0.9
Evansville, IN	Dubois, IN	cold	1	Monroe, IN	1.4	3.8	18.0	18.8
Evansville, IN	Dubois, IN	cold	1	Montgomery, IN	1.2	4.7	17.2	6.1
Evansville, IN	Dubois, IN	cold	1	Morgan, IN	1.1	5.9	31.3	89.7
Evansville, IN	Dubois, IN	cold	1	Muhlenberg, KY	1.6	14.1	184.4	475.6
Evansville, IN	Dubois, IN	cold	1	Nelson, KY	1.1	1.8	8.1	3.7
Evansville, IN	Dubois, IN	cold	1	Ohio, KY	0.7	2.5	33.9	53.0
Evansville, IN	Dubois, IN	cold	1	Oldham, KY	1.0	1.6	15.6	2.4
Evansville, IN	Dubois, IN	cold	1	Orange, IN	0.5	1.3	6.7	1.0
Evansville, IN	Dubois, IN	cold	1	Owen, IN	0.5	1.2	5.2	0.9
Evansville, IN	Dubois, IN	cold	1	Parke, IN	0.4	1.8	10.6	0.5
Evansville, IN	Dubois, IN	cold	1	Perry, IN	0.6	1.2	14.2	2.8
Evansville, IN	Dubois, IN	cold	1	Pike, IN	0.8	9.3	89.6	249.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Evansville, IN	Dubois, IN	cold	1	Pope, IL	0.2	0.4	5.8	1.0
Evansville, IN	Dubois, IN	cold	1	Posey, IN	0.9	5.9	57.4	68.5
Evansville, IN	Dubois, IN	cold	1	Putnam, IN	0.8	2.5	22.2	3.3
Evansville, IN	Dubois, IN	cold	1	Richland, IL	0.6	2.1	4.4	0.3
Evansville, IN	Dubois, IN	cold	1	Ripley, IN	0.7	2.3	9.0	2.1
Evansville, IN	Dubois, IN	cold	1	Saline, IL	0.6	2.3	8.9	0.6
Evansville, IN	Dubois, IN	cold	1	Scott, IN	0.5	1.3	6.4	1.5
Evansville, IN	Dubois, IN	cold	1	Shelby, IN	1.1	5.0	21.3	3.6
Evansville, IN	Dubois, IN	cold	1	Shelby, KY	1.1	1.6	12.5	2.9
Evansville, IN	Dubois, IN	cold	1	Spencer, IN	0.9	5.8	113.7	319.4
Evansville, IN	Dubois, IN	cold	1	Spencer, KY	0.4	0.7	2.0	0.2
Evansville, IN	Dubois, IN	cold	1	Sullivan, IN	0.9	5.9	53.6	98.9
Evansville, IN	Dubois, IN	cold	1	Switzerland, IN	0.4	0.6	7.6	1.3
Evansville, IN	Dubois, IN	cold	1	Taylor, KY	0.3	0.7	7.6	1.3
Evansville, IN	Dubois, IN	cold	1	Todd, KY	0.5	1.0	3.9	0.9
Evansville, IN	Dubois, IN	cold	1	Trigg, KY	1.2	1.3	6.3	1.0
Evansville, IN	Dubois, IN	cold	1	Trimble, KY	0.5	2.0	24.6	26.3
Evansville, IN	Dubois, IN	cold	1	Union, KY	0.6	1.7	8.3	1.7
Evansville, IN	Dubois, IN	cold	1	Vanderburgh, IN	1.5	5.5	33.2	9.6
Evansville, IN	Dubois, IN	cold	1	Vermillion, IN	0.9	11.7	66.5	375.3
Evansville, IN	Dubois, IN	cold	1	Vigo, IN	1.9	15.1	69.4	333.6
Evansville, IN	Dubois, IN	cold	1	Wabash, IL	0.4	1.4	2.8	0.3
Evansville, IN	Dubois, IN	cold	1	Warren, KY	1.8	3.0	17.5	5.5
Evansville, IN	Dubois, IN	cold	1	Warrick, IN	2.5	32.4	86.3	435.0
Evansville, IN	Dubois, IN	cold	1	Washington, IN	0.8	1.9	6.5	1.7
Evansville, IN	Dubois, IN	cold	1	Washington, KY	0.3	0.6	2.4	0.6
Evansville, IN	Dubois, IN	cold	1	Wayne, IL	1.0	2.9	8.4	1.5
Evansville, IN	Dubois, IN	cold	1	Webster, KY	0.8	3.8	57.3	77.7
Evansville, IN	Dubois, IN	cold	1	White, IL	0.7	2.5	9.1	0.4
Evansville, IN	Dubois, IN	warm	16	Anderson, KY	10.9	17.6	85.7	26.7
Evansville, IN	Dubois, IN	warm	16	Barren, KY	26.2	40.3	256.4	64.3
Evansville, IN	Dubois, IN	warm	16	Bartholomew, IN	23.7	96.0	349.1	149.2
Evansville, IN	Dubois, IN	warm	16	Breckinridge, KY	14.4	22.2	250.4	35.5
Evansville, IN	Dubois, IN	warm	16	Brown, IN	10.2	14.4	72.7	6.0
Evansville, IN	Dubois, IN	warm	16	Bullitt, KY	29.5	38.1	328.4	89.7
Evansville, IN	Dubois, IN	warm	16	Butler, KY	7.7	16.6	61.6	19.8
Evansville, IN	Dubois, IN	warm	16	Caldwell, KY	8.1	26.3	62.1	12.1
Evansville, IN	Dubois, IN	warm	16	Carroll, KY	26.5	217.4	1824.1	5318.3
Evansville, IN	Dubois, IN	warm	16	Christian, KY	25.2	49.7	412.7	89.3
Evansville, IN	Dubois, IN	warm	16	Clark, IL	14.7	52.8	174.0	10.6
Evansville, IN	Dubois, IN	warm	16	Clark, IN	35.3	95.4	601.2	422.8
Evansville, IN	Dubois, IN	warm	16	Clay, IL	16.2	48.9	118.6	8.8
Evansville, IN	Dubois, IN	warm	16	Clay, IN	17.5	58.4	175.3	26.6
Evansville, IN	Dubois, IN	warm	16	Coles, IL	15.2	63.7	232.0	21.3
Evansville, IN	Dubois, IN	warm	16	Crawford, IL	21.3	162.0	462.9	1438.2
Evansville, IN	Dubois, IN	warm	16	Crawford, IN	15.9	15.1	410.4	58.5
Evansville, IN	Dubois, IN	warm	16	Crittenden, KY	8.6	11.0	199.5	38.9
Evansville, IN	Dubois, IN	warm	16	Cumberland, IL	10.7	43.7	129.5	7.2
Evansville, IN	Dubois, IN	warm	16	Daviess, IN	19.1	75.5	170.1	32.8
Evansville, IN	Dubois, IN	warm	16	Daviess, KY	38.4	102.3	1242.3	795.3
Evansville, IN	Dubois, IN	warm	16	Decatur, IN	15.0	84.9	243.1	66.5
Evansville, IN	Dubois, IN	warm	16	Dubois, IN	23.8	94.1	359.6	222.9
Evansville, IN	Dubois, IN	warm	16	Edgar, IL	15.1	83.4	159.0	15.1
Evansville, IN	Dubois, IN	warm	16	Edmonson, KY	7.3	8.8	60.6	4.3
Evansville, IN	Dubois, IN	warm	16	Edwards, IL	6.2	27.6	51.3	3.9
Evansville, IN	Dubois, IN	warm	16	Effingham, IL	22.0	63.4	293.2	16.5
Evansville, IN	Dubois, IN	warm	16	Floyd, IN	29.8	268.1	854.2	6012.9
Evansville, IN	Dubois, IN	warm	16	Fountain, IN	11.1	64.1	179.8	33.3
Evansville, IN	Dubois, IN	warm	16	Franklin, IL	17.0	44.5	239.1	14.0
Evansville, IN	Dubois, IN	warm	16	Franklin, KY	14.6	21.5	224.5	55.7
Evansville, IN	Dubois, IN	warm	16	Gallatin, IL	7.5	39.4	104.2	15.2
Evansville, IN	Dubois, IN	warm	16	Gibson, IN	43.8	572.3	3414.9	16186.3
Evansville, IN	Dubois, IN	warm	16	Grayson, KY	14.2	25.4	103.4	37.0
Evansville, IN	Dubois, IN	warm	16	Green, KY	7.0	11.7	48.0	7.5
Evansville, IN	Dubois, IN	warm	16	Greene, IN	14.8	43.0	163.7	26.4
Evansville, IN	Dubois, IN	warm	16	Hamilton, IL	13.2	42.2	74.1	6.5
Evansville, IN	Dubois, IN	warm	16	Hancock, KY	35.8	373.1	891.0	6766.0
Evansville, IN	Dubois, IN	warm	16	Hardin, IL	5.0	11.7	119.9	21.1
Evansville, IN	Dubois, IN	warm	16	Hardin, KY	37.4	53.8	493.0	126.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Evansville, IN	Dubois, IN	warm	16	Harrison, IN	24.9	50.3	357.9	70.3
Evansville, IN	Dubois, IN	warm	16	Hart, KY	14.2	16.3	179.2	17.3
Evansville, IN	Dubois, IN	warm	16	Henderson, KY	27.9	85.5	577.8	900.6
Evansville, IN	Dubois, IN	warm	16	Hendricks, IN	33.4	105.0	606.5	62.9
Evansville, IN	Dubois, IN	warm	16	Henry, KY	11.1	21.6	137.2	15.0
Evansville, IN	Dubois, IN	warm	16	Hopkins, KY	18.1	34.1	322.0	49.6
Evansville, IN	Dubois, IN	warm	16	Jackson, IN	23.9	65.2	353.1	84.9
Evansville, IN	Dubois, IN	warm	16	Jasper, IL	14.2	109.4	611.5	2208.1
Evansville, IN	Dubois, IN	warm	16	Jefferson, IL	27.3	60.9	347.2	24.1
Evansville, IN	Dubois, IN	warm	16	Jefferson, IN	17.6	101.7	2636.8	7876.5
Evansville, IN	Dubois, IN	warm	16	Jefferson, KY	285.1	297.9	6132.6	5549.4
Evansville, IN	Dubois, IN	warm	16	Jennings, IN	60.2	103.0	664.3	811.9
Evansville, IN	Dubois, IN	warm	16	Johnson, IN	23.1	88.4	491.9	98.8
Evansville, IN	Dubois, IN	warm	16	Knox, IN	18.6	107.9	396.6	776.2
Evansville, IN	Dubois, IN	warm	16	Larue, KY	9.7	15.8	84.2	20.4
Evansville, IN	Dubois, IN	warm	16	Lawrence, IL	9.3	42.6	98.8	7.7
Evansville, IN	Dubois, IN	warm	16	Lawrence, IN	22.4	62.7	702.9	474.5
Evansville, IN	Dubois, IN	warm	16	Livingston, KY	12.7	19.5	225.3	35.2
Evansville, IN	Dubois, IN	warm	16	Logan, KY	19.3	46.9	145.1	49.7
Evansville, IN	Dubois, IN	warm	16	Lyon, KY	10.2	13.9	179.3	14.7
Evansville, IN	Dubois, IN	warm	16	Marion, IL	24.2	44.7	200.1	12.3
Evansville, IN	Dubois, IN	warm	16	Marion, IN	130.2	488.0	3939.7	6368.5
Evansville, IN	Dubois, IN	warm	16	Marion, KY	10.7	18.8	80.1	27.7
Evansville, IN	Dubois, IN	warm	16	Martin, IN	7.4	22.2	87.2	11.0
Evansville, IN	Dubois, IN	warm	16	McLean, KY	9.8	23.8	50.5	6.6
Evansville, IN	Dubois, IN	warm	16	Meade, KY	19.6	24.7	367.7	69.6
Evansville, IN	Dubois, IN	warm	16	Metcalfe, KY	8.1	18.6	57.4	20.5
Evansville, IN	Dubois, IN	warm	16	Monroe, IN	30.5	83.4	398.8	415.9
Evansville, IN	Dubois, IN	warm	16	Montgomery, IN	26.4	104.6	382.3	134.5
Evansville, IN	Dubois, IN	warm	16	Morgan, IN	25.1	131.8	694.7	1988.6
Evansville, IN	Dubois, IN	warm	16	Muhlenberg, KY	35.2	312.9	4088.5	10544.1
Evansville, IN	Dubois, IN	warm	16	Nelson, KY	25.0	39.0	180.3	82.7
Evansville, IN	Dubois, IN	warm	16	Ohio, KY	16.2	56.5	752.6	1175.1
Evansville, IN	Dubois, IN	warm	16	Oldham, KY	23.0	36.2	345.7	52.7
Evansville, IN	Dubois, IN	warm	16	Orange, IN	11.1	29.7	149.2	22.5
Evansville, IN	Dubois, IN	warm	16	Owen, IN	11.1	26.6	115.6	19.7
Evansville, IN	Dubois, IN	warm	16	Parke, IN	8.9	39.4	234.1	11.6
Evansville, IN	Dubois, IN	warm	16	Perry, IN	14.3	26.3	315.8	62.6
Evansville, IN	Dubois, IN	warm	16	Pike, IN	17.0	206.6	1985.9	5525.3
Evansville, IN	Dubois, IN	warm	16	Pope, IL	5.3	9.8	127.5	21.7
Evansville, IN	Dubois, IN	warm	16	Posey, IN	20.2	130.6	1271.7	1519.6
Evansville, IN	Dubois, IN	warm	16	Putnam, IN	18.1	55.0	492.0	73.2
Evansville, IN	Dubois, IN	warm	16	Richland, IL	13.5	45.8	98.3	7.5
Evansville, IN	Dubois, IN	warm	16	Ripley, IN	15.9	50.5	200.1	46.5
Evansville, IN	Dubois, IN	warm	16	Saline, IL	14.1	50.4	196.5	13.1
Evansville, IN	Dubois, IN	warm	16	Scott, IN	11.6	29.2	142.7	33.2
Evansville, IN	Dubois, IN	warm	16	Shelby, IN	24.9	111.6	471.8	80.3
Evansville, IN	Dubois, IN	warm	16	Shelby, KY	23.7	35.3	277.8	63.7
Evansville, IN	Dubois, IN	warm	16	Spencer, IN	21.0	127.9	2520.7	7080.3
Evansville, IN	Dubois, IN	warm	16	Spencer, KY	8.8	14.8	43.5	3.8
Evansville, IN	Dubois, IN	warm	16	Sullivan, IN	19.7	131.3	1187.3	2193.1
Evansville, IN	Dubois, IN	warm	16	Switzerland, IN	8.0	13.2	169.1	29.6
Evansville, IN	Dubois, IN	warm	16	Taylor, KY	7.5	14.9	167.4	28.0
Evansville, IN	Dubois, IN	warm	16	Todd, KY	11.5	21.3	87.2	19.6
Evansville, IN	Dubois, IN	warm	16	Trigg, KY	26.3	28.9	139.3	23.2
Evansville, IN	Dubois, IN	warm	16	Trimble, KY	11.7	44.0	544.4	582.5
Evansville, IN	Dubois, IN	warm	16	Union, KY	14.3	36.8	184.0	38.0
Evansville, IN	Dubois, IN	warm	16	Vanderburgh, IN	32.2	121.0	737.0	212.2
Evansville, IN	Dubois, IN	warm	16	Vermillion, IN	20.8	258.7	1473.5	8320.8
Evansville, IN	Dubois, IN	warm	16	Vigo, IN	42.3	335.7	1538.4	7396.5
Evansville, IN	Dubois, IN	warm	16	Wabash, IL	8.1	31.4	61.3	5.7
Evansville, IN	Dubois, IN	warm	16	Warren, KY	40.7	65.6	387.0	121.6
Evansville, IN	Dubois, IN	warm	16	Warrick, IN	56.5	718.7	1912.8	9644.2
Evansville, IN	Dubois, IN	warm	16	Washington, IN	16.9	42.8	143.6	37.8
Evansville, IN	Dubois, IN	warm	16	Washington, KY	7.4	13.0	53.5	13.3
Evansville, IN	Dubois, IN	warm	16	Wayne, IL	21.1	64.9	185.4	34.0
Evansville, IN	Dubois, IN	warm	16	Webster, KY	17.5	84.9	1269.4	1723.2
Evansville, IN	Dubois, IN	warm	16	White, IL	15.0	55.3	201.1	8.9
Evansville, IN	Vanderburgh, IN	cold	3	Anderson, KY	1.5	2.4	11.6	3.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Evansville, IN	Vanderburgh, IN	cold	3	Barren, KY	3.5	5.5	34.7	8.7
Evansville, IN	Vanderburgh, IN	cold	3	Bartholomew, IN	3.2	13.0	47.2	20.2
Evansville, IN	Vanderburgh, IN	cold	3	Breckinridge, KY	1.9	3.0	33.9	4.8
Evansville, IN	Vanderburgh, IN	cold	3	Brown, IN	1.4	1.9	9.8	0.8
Evansville, IN	Vanderburgh, IN	cold	3	Bullitt, KY	4.0	5.2	44.4	12.1
Evansville, IN	Vanderburgh, IN	cold	3	Butler, KY	1.0	2.2	8.3	2.7
Evansville, IN	Vanderburgh, IN	cold	3	Caldwell, KY	1.1	3.6	8.4	1.6
Evansville, IN	Vanderburgh, IN	cold	3	Carroll, KY	3.6	29.4	246.8	719.7
Evansville, IN	Vanderburgh, IN	cold	3	Christian, KY	3.4	6.7	55.9	12.1
Evansville, IN	Vanderburgh, IN	cold	3	Clark, IL	2.0	7.1	23.5	1.4
Evansville, IN	Vanderburgh, IN	cold	3	Clark, IN	4.8	12.9	81.4	57.2
Evansville, IN	Vanderburgh, IN	cold	3	Clay, IL	2.2	6.6	16.0	1.2
Evansville, IN	Vanderburgh, IN	cold	3	Clay, IN	2.4	7.9	23.7	3.6
Evansville, IN	Vanderburgh, IN	cold	3	Coles, IL	2.1	8.6	31.4	2.9
Evansville, IN	Vanderburgh, IN	cold	3	Crawford, IL	2.9	21.9	62.6	194.6
Evansville, IN	Vanderburgh, IN	cold	3	Crawford, IN	2.2	2.0	55.5	7.9
Evansville, IN	Vanderburgh, IN	cold	3	Crittenden, KY	1.2	1.5	27.0	5.3
Evansville, IN	Vanderburgh, IN	cold	3	Cumberland, IL	1.5	5.9	17.5	1.0
Evansville, IN	Vanderburgh, IN	cold	3	Daviess, IN	2.6	10.2	23.0	4.4
Evansville, IN	Vanderburgh, IN	cold	3	Daviess, KY	5.2	13.8	168.1	107.6
Evansville, IN	Vanderburgh, IN	cold	3	Decatur, IN	2.0	11.5	32.9	9.0
Evansville, IN	Vanderburgh, IN	cold	3	Dubois, IN	3.2	12.7	48.7	30.2
Evansville, IN	Vanderburgh, IN	cold	3	Edgar, IL	2.0	11.3	21.5	2.0
Evansville, IN	Vanderburgh, IN	cold	3	Edmonson, KY	1.0	1.2	8.2	0.6
Evansville, IN	Vanderburgh, IN	cold	3	Edwards, IL	0.8	3.7	6.9	0.5
Evansville, IN	Vanderburgh, IN	cold	3	Effingham, IL	3.0	8.6	39.7	2.2
Evansville, IN	Vanderburgh, IN	cold	3	Floyd, IN	4.0	36.3	115.6	813.7
Evansville, IN	Vanderburgh, IN	cold	3	Fountain, IN	1.5	8.7	24.3	4.5
Evansville, IN	Vanderburgh, IN	cold	3	Franklin, IL	2.3	6.0	32.3	1.9
Evansville, IN	Vanderburgh, IN	cold	3	Franklin, KY	2.0	2.9	30.4	7.5
Evansville, IN	Vanderburgh, IN	cold	3	Gallatin, IL	1.0	5.3	14.1	2.1
Evansville, IN	Vanderburgh, IN	cold	3	Gibson, IN	5.9	77.4	462.1	2190.3
Evansville, IN	Vanderburgh, IN	cold	3	Grayson, KY	1.9	3.4	14.0	5.0
Evansville, IN	Vanderburgh, IN	cold	3	Green, KY	1.0	1.6	6.5	1.0
Evansville, IN	Vanderburgh, IN	cold	3	Greene, IN	2.0	5.8	22.1	3.6
Evansville, IN	Vanderburgh, IN	cold	3	Hamilton, IL	1.8	5.7	10.0	0.9
Evansville, IN	Vanderburgh, IN	cold	3	Hancock, KY	4.8	50.5	120.6	915.6
Evansville, IN	Vanderburgh, IN	cold	3	Hardin, IL	0.7	1.6	16.2	2.9
Evansville, IN	Vanderburgh, IN	cold	3	Hardin, KY	5.1	7.3	66.7	17.1
Evansville, IN	Vanderburgh, IN	cold	3	Harrison, IN	3.4	6.8	48.4	9.5
Evansville, IN	Vanderburgh, IN	cold	3	Hart, KY	1.9	2.2	24.3	2.3
Evansville, IN	Vanderburgh, IN	cold	3	Henderson, KY	3.8	11.6	78.2	121.9
Evansville, IN	Vanderburgh, IN	cold	3	Hendricks, IN	4.5	14.2	82.1	8.5
Evansville, IN	Vanderburgh, IN	cold	3	Henry, KY	1.5	2.9	18.6	2.0
Evansville, IN	Vanderburgh, IN	cold	3	Hopkins, KY	2.5	4.6	43.6	6.7
Evansville, IN	Vanderburgh, IN	cold	3	Jackson, IN	3.2	8.8	47.8	11.5
Evansville, IN	Vanderburgh, IN	cold	3	Jasper, IL	1.9	14.8	82.7	298.8
Evansville, IN	Vanderburgh, IN	cold	3	Jefferson, IL	3.7	8.2	47.0	3.3
Evansville, IN	Vanderburgh, IN	cold	3	Jefferson, IN	2.4	13.8	356.8	1065.8
Evansville, IN	Vanderburgh, IN	cold	3	Jefferson, KY	38.6	40.3	829.9	750.9
Evansville, IN	Vanderburgh, IN	cold	3	Jennings, IN	8.1	13.9	89.9	109.9
Evansville, IN	Vanderburgh, IN	cold	3	Johnson, IN	3.1	12.0	66.6	13.4
Evansville, IN	Vanderburgh, IN	cold	3	Knox, IN	2.5	14.6	53.7	105.0
Evansville, IN	Vanderburgh, IN	cold	3	Larue, KY	1.3	2.1	11.4	2.8
Evansville, IN	Vanderburgh, IN	cold	3	Lawrence, IL	1.3	5.8	13.4	1.0
Evansville, IN	Vanderburgh, IN	cold	3	Lawrence, IN	3.0	8.5	95.1	64.2
Evansville, IN	Vanderburgh, IN	cold	3	Livingston, KY	1.7	2.6	30.5	4.8
Evansville, IN	Vanderburgh, IN	cold	3	Logan, KY	2.6	6.4	19.6	6.7
Evansville, IN	Vanderburgh, IN	cold	3	Lyon, KY	1.4	1.9	24.3	2.0
Evansville, IN	Vanderburgh, IN	cold	3	Marion, IL	3.3	6.1	27.1	1.7
Evansville, IN	Vanderburgh, IN	cold	3	Marion, IN	17.6	66.0	533.1	861.8
Evansville, IN	Vanderburgh, IN	cold	3	Marion, KY	1.5	2.5	10.8	3.7
Evansville, IN	Vanderburgh, IN	cold	3	Martin, IN	1.0	3.0	11.8	1.5
Evansville, IN	Vanderburgh, IN	cold	3	McLean, KY	1.3	3.2	6.8	0.9
Evansville, IN	Vanderburgh, IN	cold	3	Meade, KY	2.6	3.3	49.8	9.4
Evansville, IN	Vanderburgh, IN	cold	3	Metcalfe, KY	1.1	2.5	7.8	2.8
Evansville, IN	Vanderburgh, IN	cold	3	Monroe, IN	4.1	11.3	54.0	56.3
Evansville, IN	Vanderburgh, IN	cold	3	Montgomery, IN	3.6	14.2	51.7	18.2
Evansville, IN	Vanderburgh, IN	cold	3	Morgan, IN	3.4	17.8	94.0	269.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Evansville, IN	Vanderburgh, IN	cold	3	Muhlenberg, KY	4.8	42.3	553.2	1426.8
Evansville, IN	Vanderburgh, IN	cold	3	Nelson, KY	3.4	5.3	24.4	11.2
Evansville, IN	Vanderburgh, IN	cold	3	Ohio, KY	2.2	7.6	101.8	159.0
Evansville, IN	Vanderburgh, IN	cold	3	Oldham, KY	3.1	4.9	46.8	7.1
Evansville, IN	Vanderburgh, IN	cold	3	Orange, IN	1.5	4.0	20.2	3.0
Evansville, IN	Vanderburgh, IN	cold	3	Owen, IN	1.5	3.6	15.6	2.7
Evansville, IN	Vanderburgh, IN	cold	3	Parke, IN	1.2	5.3	31.7	1.6
Evansville, IN	Vanderburgh, IN	cold	3	Perry, IN	1.9	3.6	42.7	8.5
Evansville, IN	Vanderburgh, IN	cold	3	Pike, IN	2.3	28.0	268.7	747.7
Evansville, IN	Vanderburgh, IN	cold	3	Pope, IL	0.7	1.3	17.3	2.9
Evansville, IN	Vanderburgh, IN	cold	3	Posey, IN	2.7	17.7	172.1	205.6
Evansville, IN	Vanderburgh, IN	cold	3	Putnam, IN	2.4	7.4	66.6	9.9
Evansville, IN	Vanderburgh, IN	cold	3	Richland, IL	1.8	6.2	13.3	1.0
Evansville, IN	Vanderburgh, IN	cold	3	Ripley, IN	2.2	6.8	27.1	6.3
Evansville, IN	Vanderburgh, IN	cold	3	Saline, IL	1.9	6.8	26.6	1.8
Evansville, IN	Vanderburgh, IN	cold	3	Scott, IN	1.6	3.9	19.3	4.5
Evansville, IN	Vanderburgh, IN	cold	3	Shelby, IN	3.4	15.1	63.8	10.9
Evansville, IN	Vanderburgh, IN	cold	3	Shelby, KY	3.2	4.8	37.6	8.6
Evansville, IN	Vanderburgh, IN	cold	3	Spencer, IN	2.8	17.3	341.1	958.1
Evansville, IN	Vanderburgh, IN	cold	3	Spencer, KY	1.2	2.0	5.9	0.5
Evansville, IN	Vanderburgh, IN	cold	3	Sullivan, IN	2.7	17.8	160.7	296.8
Evansville, IN	Vanderburgh, IN	cold	3	Switzerland, IN	1.1	1.8	22.9	4.0
Evansville, IN	Vanderburgh, IN	cold	3	Taylor, KY	1.0	2.0	22.7	3.8
Evansville, IN	Vanderburgh, IN	cold	3	Todd, KY	1.6	2.9	11.8	2.7
Evansville, IN	Vanderburgh, IN	cold	3	Trigg, KY	3.6	3.9	18.9	3.1
Evansville, IN	Vanderburgh, IN	cold	3	Trimble, KY	1.6	6.0	73.7	78.8
Evansville, IN	Vanderburgh, IN	cold	3	Union, KY	1.9	5.0	24.9	5.1
Evansville, IN	Vanderburgh, IN	cold	3	Vanderburgh, IN	4.4	16.4	99.7	28.7
Evansville, IN	Vanderburgh, IN	cold	3	Vermillion, IN	2.8	35.0	199.4	1126.0
Evansville, IN	Vanderburgh, IN	cold	3	Vigo, IN	5.7	45.4	208.2	1000.9
Evansville, IN	Vanderburgh, IN	cold	3	Wabash, IL	1.1	4.3	8.3	0.8
Evansville, IN	Vanderburgh, IN	cold	3	Warren, KY	5.5	8.9	52.4	16.5
Evansville, IN	Vanderburgh, IN	cold	3	Warrick, IN	7.6	97.3	258.8	1305.0
Evansville, IN	Vanderburgh, IN	cold	3	Washington, IN	2.3	5.8	19.4	5.1
Evansville, IN	Vanderburgh, IN	cold	3	Washington, KY	1.0	1.8	7.2	1.8
Evansville, IN	Vanderburgh, IN	cold	3	Wayne, IL	2.9	8.8	25.1	4.6
Evansville, IN	Vanderburgh, IN	cold	3	Webster, KY	2.4	11.5	171.8	233.2
Evansville, IN	Vanderburgh, IN	cold	3	White, IL	2.0	7.5	27.2	1.2
Evansville, IN	Vanderburgh, IN	warm	15	Anderson, KY	10.2	16.5	80.4	25.1
Evansville, IN	Vanderburgh, IN	warm	15	Barren, KY	24.6	37.8	240.4	60.3
Evansville, IN	Vanderburgh, IN	warm	15	Bartholomew, IN	22.2	90.0	327.3	139.9
Evansville, IN	Vanderburgh, IN	warm	15	Breckinridge, KY	13.5	20.9	234.7	33.3
Evansville, IN	Vanderburgh, IN	warm	15	Brown, IN	9.6	13.5	68.1	5.6
Evansville, IN	Vanderburgh, IN	warm	15	Bullitt, KY	27.7	35.7	307.9	84.1
Evansville, IN	Vanderburgh, IN	warm	15	Butler, KY	7.2	15.5	57.7	18.6
Evansville, IN	Vanderburgh, IN	warm	15	Caldwell, KY	7.6	24.7	58.2	11.3
Evansville, IN	Vanderburgh, IN	warm	15	Carroll, KY	24.9	203.8	1710.1	4985.9
Evansville, IN	Vanderburgh, IN	warm	15	Christian, KY	23.7	46.5	386.9	83.7
Evansville, IN	Vanderburgh, IN	warm	15	Clark, IL	13.7	49.5	163.1	9.9
Evansville, IN	Vanderburgh, IN	warm	15	Clark, IN	33.1	89.4	563.7	396.4
Evansville, IN	Vanderburgh, IN	warm	15	Clay, IL	15.2	45.8	111.2	8.3
Evansville, IN	Vanderburgh, IN	warm	15	Clay, IN	16.4	54.7	164.3	24.9
Evansville, IN	Vanderburgh, IN	warm	15	Coles, IL	14.3	59.7	217.5	20.0
Evansville, IN	Vanderburgh, IN	warm	15	Crawford, IL	20.0	151.9	434.0	1348.3
Evansville, IN	Vanderburgh, IN	warm	15	Crawford, IN	14.9	14.2	384.7	54.8
Evansville, IN	Vanderburgh, IN	warm	15	Crittenden, KY	8.1	10.3	187.0	36.5
Evansville, IN	Vanderburgh, IN	warm	15	Cumberland, IL	10.1	41.0	121.4	6.7
Evansville, IN	Vanderburgh, IN	warm	15	Daviess, IN	17.9	70.8	159.5	30.7
Evansville, IN	Vanderburgh, IN	warm	15	Daviess, KY	36.0	96.0	1164.7	745.6
Evansville, IN	Vanderburgh, IN	warm	15	Decatur, IN	14.1	79.6	227.9	62.3
Evansville, IN	Vanderburgh, IN	warm	15	Dubois, IN	22.3	88.2	337.1	209.0
Evansville, IN	Vanderburgh, IN	warm	15	Edgar, IL	14.2	78.2	149.1	14.2
Evansville, IN	Vanderburgh, IN	warm	15	Edmonson, KY	6.9	8.3	56.8	4.1
Evansville, IN	Vanderburgh, IN	warm	15	Edwards, IL	5.8	25.8	48.1	3.7
Evansville, IN	Vanderburgh, IN	warm	15	Effingham, IL	20.6	59.4	274.9	15.4
Evansville, IN	Vanderburgh, IN	warm	15	Floyd, IN	28.0	251.3	800.8	5637.1
Evansville, IN	Vanderburgh, IN	warm	15	Fountain, IN	10.4	60.1	168.6	31.2
Evansville, IN	Vanderburgh, IN	warm	15	Franklin, IL	15.9	41.7	224.1	13.1
Evansville, IN	Vanderburgh, IN	warm	15	Franklin, KY	13.7	20.1	210.5	52.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Evansville, IN	Vanderburgh, IN	warm	15	Gallatin, IL	7.0	36.9	97.7	14.3
Evansville, IN	Vanderburgh, IN	warm	15	Gibson, IN	41.1	536.5	3201.4	15174.7
Evansville, IN	Vanderburgh, IN	warm	15	Grayson, KY	13.3	23.8	96.9	34.7
Evansville, IN	Vanderburgh, IN	warm	15	Green, KY	6.6	10.9	45.0	7.0
Evansville, IN	Vanderburgh, IN	warm	15	Greene, IN	13.9	40.3	153.5	24.8
Evansville, IN	Vanderburgh, IN	warm	15	Hamilton, IL	12.4	39.6	69.4	6.1
Evansville, IN	Vanderburgh, IN	warm	15	Hancock, KY	33.6	349.8	835.3	6343.1
Evansville, IN	Vanderburgh, IN	warm	15	Hardin, IL	4.7	11.0	112.4	19.8
Evansville, IN	Vanderburgh, IN	warm	15	Hardin, KY	35.1	50.4	462.2	118.3
Evansville, IN	Vanderburgh, IN	warm	15	Harrison, IN	23.4	47.2	335.6	65.9
Evansville, IN	Vanderburgh, IN	warm	15	Hart, KY	13.3	15.2	168.0	16.2
Evansville, IN	Vanderburgh, IN	warm	15	Henderson, KY	26.1	80.2	541.7	844.3
Evansville, IN	Vanderburgh, IN	warm	15	Hendricks, IN	31.3	98.4	568.6	59.0
Evansville, IN	Vanderburgh, IN	warm	15	Henry, KY	10.4	20.2	128.6	14.1
Evansville, IN	Vanderburgh, IN	warm	15	Hopkins, KY	17.0	32.0	301.8	46.5
Evansville, IN	Vanderburgh, IN	warm	15	Jackson, IN	22.4	61.1	331.1	79.6
Evansville, IN	Vanderburgh, IN	warm	15	Jasper, IL	13.3	102.6	573.3	2070.1
Evansville, IN	Vanderburgh, IN	warm	15	Jefferson, IL	25.6	57.1	325.5	22.6
Evansville, IN	Vanderburgh, IN	warm	15	Jefferson, IN	16.5	95.3	2472.0	7384.2
Evansville, IN	Vanderburgh, IN	warm	15	Jefferson, KY	267.3	279.3	5749.3	5202.6
Evansville, IN	Vanderburgh, IN	warm	15	Jennings, IN	56.4	96.5	622.8	761.1
Evansville, IN	Vanderburgh, IN	warm	15	Johnson, IN	21.7	82.8	461.1	92.6
Evansville, IN	Vanderburgh, IN	warm	15	Knox, IN	17.5	101.1	371.8	727.7
Evansville, IN	Vanderburgh, IN	warm	15	Larue, KY	9.1	14.8	78.9	19.1
Evansville, IN	Vanderburgh, IN	warm	15	Lawrence, IL	8.7	39.9	92.6	7.3
Evansville, IN	Vanderburgh, IN	warm	15	Lawrence, IN	21.0	58.8	658.9	444.9
Evansville, IN	Vanderburgh, IN	warm	15	Livingston, KY	11.9	18.3	211.3	33.0
Evansville, IN	Vanderburgh, IN	warm	15	Logan, KY	18.1	44.0	136.1	46.6
Evansville, IN	Vanderburgh, IN	warm	15	Lyon, KY	9.5	13.0	168.1	13.8
Evansville, IN	Vanderburgh, IN	warm	15	Marion, IL	22.7	41.9	187.6	11.5
Evansville, IN	Vanderburgh, IN	warm	15	Marion, IN	122.1	457.5	3693.4	5970.4
Evansville, IN	Vanderburgh, IN	warm	15	Marion, KY	10.1	17.6	75.1	25.9
Evansville, IN	Vanderburgh, IN	warm	15	Martin, IN	6.9	20.8	81.7	10.3
Evansville, IN	Vanderburgh, IN	warm	15	McLean, KY	9.2	22.3	47.4	6.2
Evansville, IN	Vanderburgh, IN	warm	15	Meade, KY	18.3	23.2	344.8	65.2
Evansville, IN	Vanderburgh, IN	warm	15	Metcalfe, KY	7.6	17.4	53.8	19.2
Evansville, IN	Vanderburgh, IN	warm	15	Monroe, IN	28.6	78.1	373.9	389.9
Evansville, IN	Vanderburgh, IN	warm	15	Montgomery, IN	24.8	98.1	358.4	126.1
Evansville, IN	Vanderburgh, IN	warm	15	Morgan, IN	23.5	123.6	651.3	1864.3
Evansville, IN	Vanderburgh, IN	warm	15	Muhlenberg, KY	33.0	293.4	3833.0	9885.1
Evansville, IN	Vanderburgh, IN	warm	15	Nelson, KY	23.5	36.6	169.0	77.6
Evansville, IN	Vanderburgh, IN	warm	15	Ohio, KY	15.1	53.0	705.6	1101.6
Evansville, IN	Vanderburgh, IN	warm	15	Oldham, KY	21.5	34.0	324.1	49.4
Evansville, IN	Vanderburgh, IN	warm	15	Orange, IN	10.4	27.9	139.9	21.1
Evansville, IN	Vanderburgh, IN	warm	15	Owen, IN	10.4	25.0	108.4	18.4
Evansville, IN	Vanderburgh, IN	warm	15	Parke, IN	8.3	36.9	219.4	10.8
Evansville, IN	Vanderburgh, IN	warm	15	Perry, IN	13.4	24.7	296.0	58.7
Evansville, IN	Vanderburgh, IN	warm	15	Pike, IN	16.0	193.7	1861.8	5180.0
Evansville, IN	Vanderburgh, IN	warm	15	Pope, IL	4.9	9.2	119.5	20.3
Evansville, IN	Vanderburgh, IN	warm	15	Posey, IN	18.9	122.4	1192.2	1424.7
Evansville, IN	Vanderburgh, IN	warm	15	Putnam, IN	16.9	51.5	461.3	68.6
Evansville, IN	Vanderburgh, IN	warm	15	Richland, IL	12.7	42.9	92.1	7.0
Evansville, IN	Vanderburgh, IN	warm	15	Ripley, IN	14.9	47.4	187.6	43.6
Evansville, IN	Vanderburgh, IN	warm	15	Saline, IL	13.2	47.2	184.2	12.3
Evansville, IN	Vanderburgh, IN	warm	15	Scott, IN	10.9	27.4	133.8	31.1
Evansville, IN	Vanderburgh, IN	warm	15	Shelby, IN	23.4	104.7	442.3	75.3
Evansville, IN	Vanderburgh, IN	warm	15	Shelby, KY	22.2	33.1	260.5	59.8
Evansville, IN	Vanderburgh, IN	warm	15	Spencer, IN	19.7	119.9	2363.2	6637.7
Evansville, IN	Vanderburgh, IN	warm	15	Spencer, KY	8.2	13.9	40.8	3.6
Evansville, IN	Vanderburgh, IN	warm	15	Sullivan, IN	18.5	123.1	1113.1	2056.0
Evansville, IN	Vanderburgh, IN	warm	15	Switzerland, IN	7.5	12.3	158.5	27.8
Evansville, IN	Vanderburgh, IN	warm	15	Taylor, KY	7.0	14.0	157.0	26.3
Evansville, IN	Vanderburgh, IN	warm	15	Todd, KY	10.8	20.0	81.7	18.4
Evansville, IN	Vanderburgh, IN	warm	15	Trigg, KY	24.6	27.1	130.6	21.8
Evansville, IN	Vanderburgh, IN	warm	15	Trimble, KY	10.9	41.3	510.4	546.1
Evansville, IN	Vanderburgh, IN	warm	15	Union, KY	13.4	34.5	172.5	35.6
Evansville, IN	Vanderburgh, IN	warm	15	Vanderburgh, IN	30.2	113.4	691.0	198.9
Evansville, IN	Vanderburgh, IN	warm	15	Vermillion, IN	19.5	242.5	1381.4	7800.7
Evansville, IN	Vanderburgh, IN	warm	15	Vigo, IN	39.7	314.7	1442.2	6934.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Evansville, IN	Vanderburgh, IN	warm	15	Wabash, IL	7.6	29.5	57.5	5.3
Evansville, IN	Vanderburgh, IN	warm	15	Warren, KY	38.2	61.5	362.8	114.0
Evansville, IN	Vanderburgh, IN	warm	15	Warrick, IN	53.0	673.8	1793.3	9041.4
Evansville, IN	Vanderburgh, IN	warm	15	Washington, IN	15.9	40.1	134.7	35.4
Evansville, IN	Vanderburgh, IN	warm	15	Washington, KY	6.9	12.2	50.2	12.4
Evansville, IN	Vanderburgh, IN	warm	15	Wayne, IL	19.8	60.8	173.8	31.8
Evansville, IN	Vanderburgh, IN	warm	15	Webster, KY	16.4	79.6	1190.0	1615.5
Evansville, IN	Vanderburgh, IN	warm	15	White, IL	14.1	51.8	188.6	8.4
Franklin County, ID	Cache, UT	cold	20	Ada, ID	225.9	287.6	1853.8	124.3
Franklin County, ID	Cache, UT	cold	20	Albany, WY	22.7	70.1	706.2	89.5
Franklin County, ID	Cache, UT	cold	20	Baker, OR	402.6	215.8	452.1	62.6
Franklin County, ID	Cache, UT	cold	20	Bannock, ID	436.1	273.8	456.5	63.5
Franklin County, ID	Cache, UT	cold	20	Bear Lake, ID	11.9	21.2	198.4	3.3
Franklin County, ID	Cache, UT	cold	20	Beaver, UT	16.3	13.5	146.4	21.4
Franklin County, ID	Cache, UT	cold	20	Beaverhead, MT	28.9	36.5	119.4	8.5
Franklin County, ID	Cache, UT	cold	20	Big Horn, WY	30.8	185.9	155.9	31.4
Franklin County, ID	Cache, UT	cold	20	Bingham, ID	63.9	138.6	324.6	21.7
Franklin County, ID	Cache, UT	cold	20	Blaine, ID	359.3	203.9	271.1	44.8
Franklin County, ID	Cache, UT	cold	20	Boise, ID	34.4	25.2	79.6	8.2
Franklin County, ID	Cache, UT	cold	20	Bonneville, ID	101.2	125.2	407.0	39.0
Franklin County, ID	Cache, UT	cold	20	Box Elder, UT	41.0	73.3	491.5	32.6
Franklin County, ID	Cache, UT	cold	20	Butte, ID	4.3	12.9	37.0	8.4
Franklin County, ID	Cache, UT	cold	20	Cache, UT	24.8	41.5	361.6	22.4
Franklin County, ID	Cache, UT	cold	20	Camas, ID	11.9	10.0	17.9	2.0
Franklin County, ID	Cache, UT	cold	20	Canyon, ID	98.2	261.0	783.7	225.9
Franklin County, ID	Cache, UT	cold	20	Carbon, MT	21.4	53.5	76.9	6.1
Franklin County, ID	Cache, UT	cold	20	Carbon, UT	8.6	36.2	521.8	633.8
Franklin County, ID	Cache, UT	cold	20	Carbon, WY	42.3	116.4	674.8	354.9
Franklin County, ID	Cache, UT	cold	20	Caribou, ID	146.3	234.5	270.6	1193.0
Franklin County, ID	Cache, UT	cold	20	Carson, NV	30.0	28.5	119.3	122.9
Franklin County, ID	Cache, UT	cold	20	Cassia, ID	26.2	59.4	205.7	11.8
Franklin County, ID	Cache, UT	cold	20	Churchill, NV	18.6	52.5	188.1	24.9
Franklin County, ID	Cache, UT	cold	20	Clark, ID	10.9	10.2	26.6	1.7
Franklin County, ID	Cache, UT	cold	20	Clark, NV	1460.2	1103.7	6811.8	5076.1
Franklin County, ID	Cache, UT	cold	20	Converse, WY	26.8	179.4	1918.8	1893.3
Franklin County, ID	Cache, UT	cold	20	Crook, OR	39.5	40.4	81.3	9.2
Franklin County, ID	Cache, UT	cold	20	Custer, ID	384.0	202.5	113.6	49.2
Franklin County, ID	Cache, UT	cold	20	Daggett, UT	64.9	31.7	99.2	10.4
Franklin County, ID	Cache, UT	cold	20	Davis, UT	43.1	86.0	1172.9	236.8
Franklin County, ID	Cache, UT	cold	20	Deschutes, OR	177.0	186.0	539.3	49.4
Franklin County, ID	Cache, UT	cold	20	Duchesne, UT	29.6	26.2	126.8	13.3
Franklin County, ID	Cache, UT	cold	20	Elko, NV	188.4	145.9	608.7	72.4
Franklin County, ID	Cache, UT	cold	20	Elmore, ID	105.5	88.5	298.0	22.9
Franklin County, ID	Cache, UT	cold	20	Emery, UT	17.3	227.4	2818.3	2257.1
Franklin County, ID	Cache, UT	cold	20	Esmeralda, NV	0.9	17.6	10.1	5.6
Franklin County, ID	Cache, UT	cold	20	Eureka, NV	9.4	30.0	133.1	36.0
Franklin County, ID	Cache, UT	cold	20	Franklin, ID	12.6	28.4	80.3	5.4
Franklin County, ID	Cache, UT	cold	20	Fremont, ID	14.9	40.4	99.8	9.0
Franklin County, ID	Cache, UT	cold	20	Fremont, WY	55.3	286.4	279.1	255.9
Franklin County, ID	Cache, UT	cold	20	Gallatin, MT	65.4	156.7	458.5	67.0
Franklin County, ID	Cache, UT	cold	20	Garfield, CO	45.4	34.3	520.7	19.8
Franklin County, ID	Cache, UT	cold	20	Gem, ID	11.3	32.3	138.1	7.2
Franklin County, ID	Cache, UT	cold	20	Gooding, ID	26.5	50.5	105.7	5.0
Franklin County, ID	Cache, UT	cold	20	Grand, UT	8.8	7.8	146.3	5.5
Franklin County, ID	Cache, UT	cold	20	Grant, OR	25.7	24.1	66.9	5.2
Franklin County, ID	Cache, UT	cold	20	Harney, OR	57.9	39.1	92.3	13.3
Franklin County, ID	Cache, UT	cold	20	Hot Springs, WY	6.3	35.0	32.3	5.5
Franklin County, ID	Cache, UT	cold	20	Humboldt, NV	36.0	73.7	1132.7	941.3
Franklin County, ID	Cache, UT	cold	20	Inyo, CA	36.6	89.0	113.8	23.7
Franklin County, ID	Cache, UT	cold	20	Iron, UT	13.8	18.7	331.8	51.3
Franklin County, ID	Cache, UT	cold	20	Jackson, CO	3.8	2.9	19.4	1.7
Franklin County, ID	Cache, UT	cold	20	Jefferson, ID	26.5	68.0	147.1	12.4
Franklin County, ID	Cache, UT	cold	20	Jerome, ID	64.1	78.3	165.3	12.7
Franklin County, ID	Cache, UT	cold	20	Juab, UT	11.6	26.5	343.6	28.8
Franklin County, ID	Cache, UT	cold	20	Lake, OR	28.2	24.6	102.1	8.5
Franklin County, ID	Cache, UT	cold	20	Lander, NV	6.6	23.8	89.2	8.6
Franklin County, ID	Cache, UT	cold	20	Lassen, CA	75.0	68.0	252.2	15.5
Franklin County, ID	Cache, UT	cold	20	Lemhi, ID	140.3	81.9	93.0	20.7
Franklin County, ID	Cache, UT	cold	20	Lincoln, ID	60.6	38.0	44.4	15.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Franklin County, ID	Cache, UT	cold	20	Lincoln, NV	711.0	385.2	239.4	88.1
Franklin County, ID	Cache, UT	cold	20	Lincoln, WY	107.9	358.9	1896.4	2415.7
Franklin County, ID	Cache, UT	cold	20	Lyon, NV	22.1	71.7	687.2	62.0
Franklin County, ID	Cache, UT	cold	20	Madison, ID	20.0	52.4	188.9	14.3
Franklin County, ID	Cache, UT	cold	20	Madison, MT	12.2	41.5	49.6	4.9
Franklin County, ID	Cache, UT	cold	20	Malheur, OR	76.6	124.2	286.4	95.9
Franklin County, ID	Cache, UT	cold	20	Millard, UT	33.2	184.2	2770.4	416.5
Franklin County, ID	Cache, UT	cold	20	Mineral, NV	2.9	39.8	18.8	2.2
Franklin County, ID	Cache, UT	cold	20	Minidoka, ID	57.6	62.7	295.9	40.1
Franklin County, ID	Cache, UT	cold	20	Modoc, CA	27.8	29.8	157.3	6.1
Franklin County, ID	Cache, UT	cold	20	Moffat, CO	20.3	149.7	1828.8	390.6
Franklin County, ID	Cache, UT	cold	20	Mohave, AZ	412.5	252.1	1289.7	119.6
Franklin County, ID	Cache, UT	cold	20	Morgan, UT	20.4	15.4	295.3	17.9
Franklin County, ID	Cache, UT	cold	20	Natrona, WY	36.0	179.8	505.1	205.0
Franklin County, ID	Cache, UT	cold	20	Nevada, CA	120.7	85.3	326.2	24.6
Franklin County, ID	Cache, UT	cold	20	Nye, NV	126.9	84.1	139.9	46.5
Franklin County, ID	Cache, UT	cold	20	Oneida, ID	10.7	20.2	49.4	4.1
Franklin County, ID	Cache, UT	cold	20	Owyhee, ID	183.4	131.2	115.7	45.7
Franklin County, ID	Cache, UT	cold	20	Park, MT	17.5	49.5	104.7	14.6
Franklin County, ID	Cache, UT	cold	20	Park, WY	27.2	180.3	246.7	207.2
Franklin County, ID	Cache, UT	cold	20	Payette, ID	19.3	56.5	146.7	9.0
Franklin County, ID	Cache, UT	cold	20	Pershing, NV	6.5	26.8	175.6	10.7
Franklin County, ID	Cache, UT	cold	20	Placer, CA	125.4	88.4	1093.9	86.3
Franklin County, ID	Cache, UT	cold	20	Power, ID	112.2	86.2	100.6	170.6
Franklin County, ID	Cache, UT	cold	20	Rich, UT	3.9	7.2	20.8	3.7
Franklin County, ID	Cache, UT	cold	20	Rio Blanco, CO	43.4	31.3	369.5	11.4
Franklin County, ID	Cache, UT	cold	20	Routt, CO	28.0	82.3	887.0	285.6
Franklin County, ID	Cache, UT	cold	20	Salt Lake, UT	133.6	163.0	2680.3	541.4
Franklin County, ID	Cache, UT	cold	20	Sanpete, UT	36.0	28.0	90.8	41.4
Franklin County, ID	Cache, UT	cold	20	Sevier, UT	20.2	20.0	173.5	43.4
Franklin County, ID	Cache, UT	cold	20	Sierra, CA	49.6	26.8	56.9	11.1
Franklin County, ID	Cache, UT	cold	20	Storey, NV	6.6	27.0	196.3	14.8
Franklin County, ID	Cache, UT	cold	20	Sublette, WY	21.8	83.7	222.7	10.5
Franklin County, ID	Cache, UT	cold	20	Summit, UT	12.5	19.8	345.1	28.1
Franklin County, ID	Cache, UT	cold	20	Sweetwater, WY	78.5	699.4	5044.1	3367.7
Franklin County, ID	Cache, UT	cold	20	Teton, ID	12.1	23.3	45.4	4.4
Franklin County, ID	Cache, UT	cold	20	Teton, WY	38.4	124.0	105.8	40.0
Franklin County, ID	Cache, UT	cold	20	Tooele, UT	68.4	93.2	507.9	49.5
Franklin County, ID	Cache, UT	cold	20	Twin Falls, ID	67.9	158.2	500.8	119.8
Franklin County, ID	Cache, UT	cold	20	Uinta, WY	20.4	128.0	457.3	691.1
Franklin County, ID	Cache, UT	cold	20	Uintah, UT	12.5	57.1	803.6	124.6
Franklin County, ID	Cache, UT	cold	20	Utah, UT	64.9	85.6	1299.9	95.5
Franklin County, ID	Cache, UT	cold	20	Valley, ID	185.5	102.7	124.1	33.3
Franklin County, ID	Cache, UT	cold	20	Wasatch, UT	9.5	13.6	86.8	5.6
Franklin County, ID	Cache, UT	cold	20	Washakie, WY	13.2	58.1	168.9	47.0
Franklin County, ID	Cache, UT	cold	20	Washington, ID	42.6	36.1	106.7	10.9
Franklin County, ID	Cache, UT	cold	20	Washington, UT	259.9	174.8	476.7	69.5
Franklin County, ID	Cache, UT	cold	20	Washoe, NV	101.3	148.0	1252.2	387.7
Franklin County, ID	Cache, UT	cold	20	Weber, UT	35.3	47.4	655.7	33.6
Franklin County, ID	Cache, UT	cold	20	White Pine, NV	7.8	25.0	45.0	3.5
Franklin County, ID	Franklin, ID	cold	11	Ada, ID	124.2	158.2	1019.6	68.3
Franklin County, ID	Franklin, ID	cold	11	Albany, WY	12.5	38.5	388.4	49.2
Franklin County, ID	Franklin, ID	cold	11	Baker, OR	221.4	118.7	248.7	34.5
Franklin County, ID	Franklin, ID	cold	11	Bannock, ID	239.9	150.6	251.1	34.9
Franklin County, ID	Franklin, ID	cold	11	Bear Lake, ID	6.6	11.7	109.1	1.8
Franklin County, ID	Franklin, ID	cold	11	Beaver, UT	9.0	7.4	80.5	11.8
Franklin County, ID	Franklin, ID	cold	11	Beaverhead, MT	15.9	20.1	65.7	4.7
Franklin County, ID	Franklin, ID	cold	11	Big Horn, WY	16.9	102.2	85.7	17.3
Franklin County, ID	Franklin, ID	cold	11	Bingham, ID	35.2	76.2	178.5	11.9
Franklin County, ID	Franklin, ID	cold	11	Blaine, ID	197.6	112.1	149.1	24.6
Franklin County, ID	Franklin, ID	cold	11	Boise, ID	18.9	13.9	43.8	4.5
Franklin County, ID	Franklin, ID	cold	11	Bonneville, ID	55.6	68.8	223.9	21.4
Franklin County, ID	Franklin, ID	cold	11	Box Elder, UT	22.6	40.3	270.3	17.9
Franklin County, ID	Franklin, ID	cold	11	Butte, ID	2.4	7.1	20.4	4.6
Franklin County, ID	Franklin, ID	cold	11	Cache, UT	13.7	22.9	198.9	12.3
Franklin County, ID	Franklin, ID	cold	11	Camas, ID	6.6	5.5	9.9	1.1
Franklin County, ID	Franklin, ID	cold	11	Canyon, ID	54.0	143.6	431.0	124.2
Franklin County, ID	Franklin, ID	cold	11	Carbon, MT	11.8	29.4	42.3	3.4
Franklin County, ID	Franklin, ID	cold	11	Carbon, UT	4.7	19.9	287.0	348.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Franklin County, ID	Franklin, ID	cold	11	Carbon, WY	23.3	64.0	371.2	195.2
Franklin County, ID	Franklin, ID	cold	11	Caribou, ID	80.5	129.0	148.8	656.1
Franklin County, ID	Franklin, ID	cold	11	Carson, NV	16.5	15.7	65.6	67.6
Franklin County, ID	Franklin, ID	cold	11	Cassia, ID	14.4	32.7	113.1	6.5
Franklin County, ID	Franklin, ID	cold	11	Churchill, NV	10.2	28.9	103.4	13.7
Franklin County, ID	Franklin, ID	cold	11	Clark, ID	6.0	5.6	14.6	0.9
Franklin County, ID	Franklin, ID	cold	11	Clark, NV	803.1	607.0	3746.5	2791.8
Franklin County, ID	Franklin, ID	cold	11	Converse, WY	14.7	98.7	1055.3	1041.3
Franklin County, ID	Franklin, ID	cold	11	Crook, OR	21.7	22.2	44.7	5.0
Franklin County, ID	Franklin, ID	cold	11	Custer, ID	211.2	111.4	62.5	27.1
Franklin County, ID	Franklin, ID	cold	11	Daggett, UT	35.7	17.4	54.6	5.7
Franklin County, ID	Franklin, ID	cold	11	Davis, UT	23.7	47.3	645.1	130.2
Franklin County, ID	Franklin, ID	cold	11	Deschutes, OR	97.3	102.3	296.6	27.2
Franklin County, ID	Franklin, ID	cold	11	Duchesne, UT	16.3	14.4	69.8	7.3
Franklin County, ID	Franklin, ID	cold	11	Elko, NV	103.6	80.2	334.8	39.8
Franklin County, ID	Franklin, ID	cold	11	Elmore, ID	58.0	48.6	163.9	12.6
Franklin County, ID	Franklin, ID	cold	11	Emery, UT	9.5	125.0	1550.1	1241.4
Franklin County, ID	Franklin, ID	cold	11	Esmeralda, NV	0.5	9.7	5.5	3.1
Franklin County, ID	Franklin, ID	cold	11	Eureka, NV	5.1	16.5	73.2	19.8
Franklin County, ID	Franklin, ID	cold	11	Franklin, ID	7.0	15.6	44.2	2.9
Franklin County, ID	Franklin, ID	cold	11	Fremont, ID	8.2	22.2	54.9	4.9
Franklin County, ID	Franklin, ID	cold	11	Fremont, WY	30.4	157.5	153.5	140.8
Franklin County, ID	Franklin, ID	cold	11	Gallatin, MT	36.0	86.2	252.2	36.8
Franklin County, ID	Franklin, ID	cold	11	Garfield, CO	25.0	18.9	286.4	10.9
Franklin County, ID	Franklin, ID	cold	11	Gem, ID	6.2	17.8	75.9	3.9
Franklin County, ID	Franklin, ID	cold	11	Gooding, ID	14.6	27.8	58.1	2.8
Franklin County, ID	Franklin, ID	cold	11	Grand, UT	4.9	4.3	80.5	3.0
Franklin County, ID	Franklin, ID	cold	11	Grant, OR	14.1	13.3	36.8	2.9
Franklin County, ID	Franklin, ID	cold	11	Harney, OR	31.8	21.5	50.8	7.3
Franklin County, ID	Franklin, ID	cold	11	Hot Springs, WY	3.5	19.2	17.7	3.0
Franklin County, ID	Franklin, ID	cold	11	Humboldt, NV	19.8	40.5	623.0	517.7
Franklin County, ID	Franklin, ID	cold	11	Inyo, CA	20.1	48.9	62.6	13.0
Franklin County, ID	Franklin, ID	cold	11	Iron, UT	7.6	10.3	182.5	28.2
Franklin County, ID	Franklin, ID	cold	11	Jackson, CO	2.1	1.6	10.7	0.9
Franklin County, ID	Franklin, ID	cold	11	Jefferson, ID	14.6	37.4	80.9	6.8
Franklin County, ID	Franklin, ID	cold	11	Jerome, ID	35.2	43.0	90.9	7.0
Franklin County, ID	Franklin, ID	cold	11	Juab, UT	6.4	14.6	189.0	15.8
Franklin County, ID	Franklin, ID	cold	11	Lake, OR	15.5	13.5	56.1	4.7
Franklin County, ID	Franklin, ID	cold	11	Lander, NV	3.6	13.1	49.1	4.7
Franklin County, ID	Franklin, ID	cold	11	Lassen, CA	41.3	37.4	138.7	8.5
Franklin County, ID	Franklin, ID	cold	11	Lemhi, ID	77.2	45.0	51.2	11.4
Franklin County, ID	Franklin, ID	cold	11	Lincoln, ID	33.3	20.9	24.4	8.3
Franklin County, ID	Franklin, ID	cold	11	Lincoln, NV	391.0	211.9	131.7	48.5
Franklin County, ID	Franklin, ID	cold	11	Lincoln, WY	59.3	197.4	1043.0	1328.6
Franklin County, ID	Franklin, ID	cold	11	Lyon, NV	12.1	39.4	377.9	34.1
Franklin County, ID	Franklin, ID	cold	11	Madison, ID	11.0	28.8	103.9	7.9
Franklin County, ID	Franklin, ID	cold	11	Madison, MT	6.7	22.8	27.3	2.7
Franklin County, ID	Franklin, ID	cold	11	Malheur, OR	42.1	68.3	157.5	52.7
Franklin County, ID	Franklin, ID	cold	11	Millard, UT	18.3	101.3	1523.7	229.1
Franklin County, ID	Franklin, ID	cold	11	Mineral, NV	1.6	21.9	10.3	1.2
Franklin County, ID	Franklin, ID	cold	11	Minidoka, ID	31.7	34.5	162.7	22.1
Franklin County, ID	Franklin, ID	cold	11	Modoc, CA	15.3	16.4	86.5	3.4
Franklin County, ID	Franklin, ID	cold	11	Moffat, CO	11.2	82.3	1005.8	214.8
Franklin County, ID	Franklin, ID	cold	11	Mohave, AZ	226.9	138.6	709.3	65.8
Franklin County, ID	Franklin, ID	cold	11	Morgan, UT	11.2	8.5	162.4	9.8
Franklin County, ID	Franklin, ID	cold	11	Natrona, WY	19.8	98.9	277.8	112.8
Franklin County, ID	Franklin, ID	cold	11	Nevada, CA	66.4	46.9	179.4	13.5
Franklin County, ID	Franklin, ID	cold	11	Nye, NV	69.8	46.2	76.9	25.6
Franklin County, ID	Franklin, ID	cold	11	Oneida, ID	5.9	11.1	27.2	2.3
Franklin County, ID	Franklin, ID	cold	11	Owyhee, ID	100.9	72.2	63.6	25.1
Franklin County, ID	Franklin, ID	cold	11	Park, MT	9.6	27.2	57.6	8.1
Franklin County, ID	Franklin, ID	cold	11	Park, WY	14.9	99.2	135.7	114.0
Franklin County, ID	Franklin, ID	cold	11	Payette, ID	10.6	31.1	80.7	4.9
Franklin County, ID	Franklin, ID	cold	11	Pershing, NV	3.6	14.7	96.6	5.9
Franklin County, ID	Franklin, ID	cold	11	Placer, CA	68.9	48.6	601.6	47.5
Franklin County, ID	Franklin, ID	cold	11	Power, ID	61.7	47.4	55.3	93.8
Franklin County, ID	Franklin, ID	cold	11	Rich, UT	2.1	4.0	11.4	2.0
Franklin County, ID	Franklin, ID	cold	11	Rio Blanco, CO	23.9	17.2	203.2	6.3
Franklin County, ID	Franklin, ID	cold	11	Routt, CO	15.4	45.3	487.9	157.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Franklin County, ID	Franklin, ID	cold	11	Salt Lake, UT	73.5	89.6	1474.1	297.7
Franklin County, ID	Franklin, ID	cold	11	Sanpete, UT	19.8	15.4	50.0	22.8
Franklin County, ID	Franklin, ID	cold	11	Sevier, UT	11.1	11.0	95.4	23.9
Franklin County, ID	Franklin, ID	cold	11	Sierra, CA	27.3	14.7	31.3	6.1
Franklin County, ID	Franklin, ID	cold	11	Storey, NV	3.6	14.9	107.9	8.2
Franklin County, ID	Franklin, ID	cold	11	Sublette, WY	12.0	46.0	122.5	5.8
Franklin County, ID	Franklin, ID	cold	11	Summit, UT	6.9	10.9	189.8	15.4
Franklin County, ID	Franklin, ID	cold	11	Sweetwater, WY	43.2	384.6	2774.3	1852.2
Franklin County, ID	Franklin, ID	cold	11	Teton, ID	6.6	12.8	25.0	2.4
Franklin County, ID	Franklin, ID	cold	11	Teton, WY	21.1	68.2	58.2	22.0
Franklin County, ID	Franklin, ID	cold	11	Tooele, UT	37.6	51.3	279.4	27.2
Franklin County, ID	Franklin, ID	cold	11	Twin Falls, ID	37.4	87.0	275.5	65.9
Franklin County, ID	Franklin, ID	cold	11	Uinta, WY	11.2	70.4	251.5	380.1
Franklin County, ID	Franklin, ID	cold	11	Uintah, UT	6.9	31.4	442.0	68.6
Franklin County, ID	Franklin, ID	cold	11	Utah, UT	35.7	47.1	714.9	52.5
Franklin County, ID	Franklin, ID	cold	11	Valley, ID	102.0	56.5	68.3	18.3
Franklin County, ID	Franklin, ID	cold	11	Wasatch, UT	5.2	7.5	47.7	3.1
Franklin County, ID	Franklin, ID	cold	11	Washakie, WY	7.3	31.9	92.9	25.9
Franklin County, ID	Franklin, ID	cold	11	Washington, ID	23.4	19.8	58.7	6.0
Franklin County, ID	Franklin, ID	cold	11	Washington, UT	142.9	96.1	262.2	38.2
Franklin County, ID	Franklin, ID	cold	11	Washoe, NV	55.7	81.4	688.7	213.2
Franklin County, ID	Franklin, ID	cold	11	Weber, UT	19.4	26.1	360.7	18.5
Franklin County, ID	Franklin, ID	cold	11	White Pine, NV	4.3	13.8	24.7	1.9
Gadsden, AL	Etowah, AL	cold	2	Autauga, AL	1.9	4.1	41.6	29.5
Gadsden, AL	Etowah, AL	cold	2	Bartow, GA	7.9	77.7	299.8	1786.6
Gadsden, AL	Etowah, AL	cold	2	Bedford, TN	2.2	3.9	16.3	5.0
Gadsden, AL	Etowah, AL	cold	2	Bibb, AL	2.1	1.5	9.4	1.8
Gadsden, AL	Etowah, AL	cold	2	Bledsoe, TN	0.7	0.9	2.8	0.6
Gadsden, AL	Etowah, AL	cold	2	Blount, AL	2.8	4.0	23.6	3.7
Gadsden, AL	Etowah, AL	cold	2	Bradley, TN	2.9	7.7	33.9	10.6
Gadsden, AL	Etowah, AL	cold	2	Calhoun, AL	5.6	6.0	79.4	20.5
Gadsden, AL	Etowah, AL	cold	2	Cannon, TN	0.6	0.9	3.0	0.4
Gadsden, AL	Etowah, AL	cold	2	Carroll, GA	5.0	7.1	39.3	10.6
Gadsden, AL	Etowah, AL	cold	2	Catoosa, GA	1.8	2.6	26.0	3.5
Gadsden, AL	Etowah, AL	cold	2	Chambers, AL	2.3	2.4	19.7	5.7
Gadsden, AL	Etowah, AL	cold	2	Chattooga, GA	1.2	2.0	16.5	19.0
Gadsden, AL	Etowah, AL	cold	2	Cherokee, AL	2.3	3.3	11.9	2.0
Gadsden, AL	Etowah, AL	cold	2	Cherokee, GA	6.4	7.0	51.3	6.4
Gadsden, AL	Etowah, AL	cold	2	Chickasaw, MS	1.1	2.4	8.4	1.9
Gadsden, AL	Etowah, AL	cold	2	Chilton, AL	2.8	2.7	26.1	4.7
Gadsden, AL	Etowah, AL	cold	2	Clay, AL	1.9	1.6	8.8	1.9
Gadsden, AL	Etowah, AL	cold	2	Clay, MS	1.0	2.0	9.2	1.8
Gadsden, AL	Etowah, AL	cold	2	Clayton, GA	3.2	2.5	141.6	13.9
Gadsden, AL	Etowah, AL	cold	2	Cleburne, AL	2.8	1.7	16.6	1.6
Gadsden, AL	Etowah, AL	cold	2	Cobb, GA	10.2	18.8	277.6	301.5
Gadsden, AL	Etowah, AL	cold	2	Coffee, TN	2.0	2.1	37.0	6.1
Gadsden, AL	Etowah, AL	cold	2	Colbert, AL	4.1	33.2	192.3	378.2
Gadsden, AL	Etowah, AL	cold	2	Coosa, AL	2.1	2.0	7.6	1.0
Gadsden, AL	Etowah, AL	cold	2	Coweta, GA	5.7	28.0	155.5	635.0
Gadsden, AL	Etowah, AL	cold	2	Cullman, AL	3.6	5.5	32.7	9.8
Gadsden, AL	Etowah, AL	cold	2	Cumberland, TN	2.8	2.8	35.4	2.9
Gadsden, AL	Etowah, AL	cold	2	Dade, GA	0.8	1.2	13.0	1.5
Gadsden, AL	Etowah, AL	cold	2	Dallas, AL	4.4	5.6	41.1	52.9
Gadsden, AL	Etowah, AL	cold	2	Dawson, GA	1.5	1.6	6.1	0.8
Gadsden, AL	Etowah, AL	cold	2	DeKalb, AL	3.7	5.3	31.1	8.1
Gadsden, AL	Etowah, AL	cold	2	DeKalb, GA	9.5	6.3	243.5	31.7
Gadsden, AL	Etowah, AL	cold	2	Douglas, GA	3.7	3.6	48.3	4.4
Gadsden, AL	Etowah, AL	cold	2	Elmore, AL	3.3	3.8	32.0	6.2
Gadsden, AL	Etowah, AL	cold	2	Etowah, AL	2.4	6.6	58.3	104.3
Gadsden, AL	Etowah, AL	cold	2	Fannin, GA	2.1	2.4	8.3	1.5
Gadsden, AL	Etowah, AL	cold	2	Fayette, AL	1.0	1.4	9.5	3.1
Gadsden, AL	Etowah, AL	cold	2	Fayette, GA	2.8	4.4	27.1	6.0
Gadsden, AL	Etowah, AL	cold	2	Floyd, GA	4.9	18.6	138.1	429.3
Gadsden, AL	Etowah, AL	cold	2	Forsyth, GA	4.4	6.6	37.0	7.0
Gadsden, AL	Etowah, AL	cold	2	Franklin, AL	1.6	2.2	15.7	4.7
Gadsden, AL	Etowah, AL	cold	2	Franklin, TN	2.1	2.6	12.8	2.2
Gadsden, AL	Etowah, AL	cold	2	Fulton, GA	16.2	11.5	411.8	69.8
Gadsden, AL	Etowah, AL	cold	2	Giles, TN	2.5	5.2	22.6	3.5
Gadsden, AL	Etowah, AL	cold	2	Gilmer, GA	1.8	2.2	10.9	3.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Gadsden, AL	Etowah, AL	cold	2	Gordon, GA	2.5	4.0	30.7	10.3
Gadsden, AL	Etowah, AL	cold	2	Greene, AL	2.7	20.1	85.6	432.2
Gadsden, AL	Etowah, AL	cold	2	Grundy, TN	0.8	0.9	7.6	0.5
Gadsden, AL	Etowah, AL	cold	2	Gwinnett, GA	10.3	8.0	223.1	36.8
Gadsden, AL	Etowah, AL	cold	2	Hale, AL	1.6	1.9	17.0	1.8
Gadsden, AL	Etowah, AL	cold	2	Hamilton, TN	6.3	7.1	168.7	46.7
Gadsden, AL	Etowah, AL	cold	2	Haralson, GA	1.4	1.8	12.0	2.4
Gadsden, AL	Etowah, AL	cold	2	Hardin, TN	1.8	3.2	41.1	30.7
Gadsden, AL	Etowah, AL	cold	2	Harris, GA	3.5	2.7	15.4	2.3
Gadsden, AL	Etowah, AL	cold	2	Heard, GA	3.4	34.4	142.5	958.8
Gadsden, AL	Etowah, AL	cold	2	Itawamba, MS	1.4	2.1	9.3	0.8
Gadsden, AL	Etowah, AL	cold	2	Jackson, AL	4.5	24.6	220.4	344.8
Gadsden, AL	Etowah, AL	cold	2	Jefferson, AL	20.0	62.6	543.0	557.4
Gadsden, AL	Etowah, AL	cold	2	Lamar, AL	1.0	1.3	9.2	1.9
Gadsden, AL	Etowah, AL	cold	2	Lauderdale, AL	2.5	5.0	33.7	14.3
Gadsden, AL	Etowah, AL	cold	2	Lawrence, AL	3.0	5.2	47.7	15.6
Gadsden, AL	Etowah, AL	cold	2	Lawrence, TN	2.0	3.8	11.3	4.4
Gadsden, AL	Etowah, AL	cold	2	Lee, AL	3.7	3.7	42.6	14.0
Gadsden, AL	Etowah, AL	cold	2	Lee, MS	3.7	5.9	44.7	6.3
Gadsden, AL	Etowah, AL	cold	2	Limestone, AL	3.5	7.3	43.2	7.6
Gadsden, AL	Etowah, AL	cold	2	Lincoln, TN	1.8	2.3	12.7	3.1
Gadsden, AL	Etowah, AL	cold	2	Lowndes, AL	3.2	3.3	15.6	1.8
Gadsden, AL	Etowah, AL	cold	2	Lowndes, MS	5.3	7.6	67.2	33.9
Gadsden, AL	Etowah, AL	cold	2	Macon, AL	6.7	4.4	16.2	2.8
Gadsden, AL	Etowah, AL	cold	2	Madison, AL	8.6	9.2	105.8	52.1
Gadsden, AL	Etowah, AL	cold	2	Marengo, AL	3.7	3.9	126.5	10.4
Gadsden, AL	Etowah, AL	cold	2	Marion, AL	1.2	1.9	18.2	4.7
Gadsden, AL	Etowah, AL	cold	2	Marion, TN	1.9	1.7	32.8	2.6
Gadsden, AL	Etowah, AL	cold	2	Marshall, AL	3.7	5.9	36.5	16.6
Gadsden, AL	Etowah, AL	cold	2	Marshall, TN	1.6	2.5	20.6	6.1
Gadsden, AL	Etowah, AL	cold	2	Maury, TN	4.6	15.4	49.1	10.7
Gadsden, AL	Etowah, AL	cold	2	McMinn, TN	3.5	8.0	75.6	59.1
Gadsden, AL	Etowah, AL	cold	2	Meigs, TN	0.6	0.9	7.4	1.5
Gadsden, AL	Etowah, AL	cold	2	Meriwether, GA	2.7	2.5	13.5	2.8
Gadsden, AL	Etowah, AL	cold	2	Monroe, MS	1.9	4.9	31.5	2.9
Gadsden, AL	Etowah, AL	cold	2	Montgomery, AL	5.9	5.3	108.6	61.4
Gadsden, AL	Etowah, AL	cold	2	Moore, TN	1.0	1.6	5.3	1.5
Gadsden, AL	Etowah, AL	cold	2	Morgan, AL	4.1	11.1	83.5	107.2
Gadsden, AL	Etowah, AL	cold	2	Murray, GA	1.6	2.5	16.2	7.3
Gadsden, AL	Etowah, AL	cold	2	Noxubee, MS	2.0	3.3	7.8	2.3
Gadsden, AL	Etowah, AL	cold	2	Paulding, GA	4.3	4.9	24.6	2.4
Gadsden, AL	Etowah, AL	cold	2	Perry, AL	1.4	1.5	5.5	2.2
Gadsden, AL	Etowah, AL	cold	2	Pickens, AL	2.7	2.4	15.4	2.3
Gadsden, AL	Etowah, AL	cold	2	Pickens, GA	1.5	2.3	8.9	1.7
Gadsden, AL	Etowah, AL	cold	2	Polk, GA	1.9	2.6	15.0	3.3
Gadsden, AL	Etowah, AL	cold	2	Polk, TN	0.8	1.3	6.4	18.6
Gadsden, AL	Etowah, AL	cold	2	Prentiss, MS	0.9	1.7	10.5	1.6
Gadsden, AL	Etowah, AL	cold	2	Randolph, AL	1.6	1.6	84.7	2.3
Gadsden, AL	Etowah, AL	cold	2	Rhea, TN	4.3	4.2	21.7	5.4
Gadsden, AL	Etowah, AL	cold	2	Roane, TN	3.1	25.6	167.5	536.2
Gadsden, AL	Etowah, AL	cold	2	Rutherford, TN	7.4	7.8	82.4	19.5
Gadsden, AL	Etowah, AL	cold	2	Sequatchie, TN	0.6	0.8	4.2	0.8
Gadsden, AL	Etowah, AL	cold	2	Shelby, AL	8.5	56.7	344.8	1231.7
Gadsden, AL	Etowah, AL	cold	2	Spalding, GA	1.7	3.3	18.1	6.0
Gadsden, AL	Etowah, AL	cold	2	St. Clair, AL	2.9	3.5	59.4	8.5
Gadsden, AL	Etowah, AL	cold	2	Sumter, AL	2.1	1.8	21.6	4.5
Gadsden, AL	Etowah, AL	cold	2	Talladega, AL	4.5	5.1	39.7	10.1
Gadsden, AL	Etowah, AL	cold	2	Tallapoosa, AL	2.0	2.1	19.1	6.8
Gadsden, AL	Etowah, AL	cold	2	Tishomingo, MS	0.8	1.3	14.0	2.0
Gadsden, AL	Etowah, AL	cold	2	Troup, GA	2.6	3.6	32.4	11.3
Gadsden, AL	Etowah, AL	cold	2	Tuscaloosa, AL	6.2	5.7	90.5	38.9
Gadsden, AL	Etowah, AL	cold	2	Van Buren, TN	0.4	0.6	2.0	0.4
Gadsden, AL	Etowah, AL	cold	2	Walker, AL	5.5	26.7	156.1	801.7
Gadsden, AL	Etowah, AL	cold	2	Walker, GA	1.7	2.9	18.8	9.7
Gadsden, AL	Etowah, AL	cold	2	Warren, TN	2.7	3.2	11.3	5.0
Gadsden, AL	Etowah, AL	cold	2	Wayne, TN	1.8	1.9	11.5	2.3
Gadsden, AL	Etowah, AL	cold	2	Whitfield, GA	3.0	7.3	66.4	40.6
Gadsden, AL	Etowah, AL	cold	2	Wilcox, AL	6.6	6.7	31.3	25.5
Gadsden, AL	Etowah, AL	cold	2	Williamson, TN	5.3	5.2	62.5	10.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Gadsden, AL	Etowah, AL	cold	2	Winston, AL	2.1	1.8	12.5	4.0
Gadsden, AL	Etowah, AL	warm	17	Autauga, AL	22.5	47.9	489.7	347.8
Gadsden, AL	Etowah, AL	warm	17	Bartow, GA	93.0	914.6	3531.1	21042.3
Gadsden, AL	Etowah, AL	warm	17	Bedford, TN	26.0	45.6	192.5	59.3
Gadsden, AL	Etowah, AL	warm	17	Bibb, AL	24.6	18.1	110.6	21.5
Gadsden, AL	Etowah, AL	warm	17	Bledsoe, TN	7.9	10.8	33.6	6.7
Gadsden, AL	Etowah, AL	warm	17	Blount, AL	32.9	47.5	277.8	43.0
Gadsden, AL	Etowah, AL	warm	17	Bradley, TN	34.4	90.3	399.4	124.5
Gadsden, AL	Etowah, AL	warm	17	Calhoun, AL	65.4	70.8	935.7	241.9
Gadsden, AL	Etowah, AL	warm	17	Cannon, TN	6.6	11.0	35.5	4.4
Gadsden, AL	Etowah, AL	warm	17	Carroll, GA	59.2	83.7	462.4	124.9
Gadsden, AL	Etowah, AL	warm	17	Catoosa, GA	20.8	30.1	305.6	41.2
Gadsden, AL	Etowah, AL	warm	17	Chambers, AL	26.8	28.7	231.6	67.1
Gadsden, AL	Etowah, AL	warm	17	Chattooga, GA	14.5	23.3	194.2	224.1
Gadsden, AL	Etowah, AL	warm	17	Cherokee, AL	26.6	38.7	140.4	23.9
Gadsden, AL	Etowah, AL	warm	17	Cherokee, GA	75.6	82.6	604.5	75.2
Gadsden, AL	Etowah, AL	warm	17	Chickasaw, MS	12.5	27.8	99.5	22.6
Gadsden, AL	Etowah, AL	warm	17	Chilton, AL	33.1	32.2	307.6	54.9
Gadsden, AL	Etowah, AL	warm	17	Clay, AL	22.0	19.2	104.1	22.5
Gadsden, AL	Etowah, AL	warm	17	Clay, MS	12.0	23.6	108.7	21.7
Gadsden, AL	Etowah, AL	warm	17	Clayton, GA	37.5	29.1	1668.3	163.8
Gadsden, AL	Etowah, AL	warm	17	Cleburne, AL	33.4	20.4	195.1	19.2
Gadsden, AL	Etowah, AL	warm	17	Cobb, GA	119.6	221.8	3269.1	3551.0
Gadsden, AL	Etowah, AL	warm	17	Coffee, TN	23.8	25.3	436.0	72.4
Gadsden, AL	Etowah, AL	warm	17	Colbert, AL	48.2	391.6	2264.6	4454.2
Gadsden, AL	Etowah, AL	warm	17	Coosa, AL	24.5	23.2	90.0	12.2
Gadsden, AL	Etowah, AL	warm	17	Coweta, GA	66.7	330.0	1831.9	7478.5
Gadsden, AL	Etowah, AL	warm	17	Cullman, AL	42.0	64.4	385.2	115.7
Gadsden, AL	Etowah, AL	warm	17	Cumberland, TN	32.6	33.0	417.4	33.8
Gadsden, AL	Etowah, AL	warm	17	Dade, GA	9.2	14.3	153.5	17.2
Gadsden, AL	Etowah, AL	warm	17	Dallas, AL	51.9	65.8	484.4	622.7
Gadsden, AL	Etowah, AL	warm	17	Dawson, GA	18.1	19.0	71.8	9.7
Gadsden, AL	Etowah, AL	warm	17	DeKalb, AL	43.3	62.3	366.6	95.3
Gadsden, AL	Etowah, AL	warm	17	DeKalb, GA	112.2	73.8	2867.8	373.6
Gadsden, AL	Etowah, AL	warm	17	Douglas, GA	44.1	42.1	568.4	52.2
Gadsden, AL	Etowah, AL	warm	17	Elmore, AL	38.7	44.9	376.9	73.1
Gadsden, AL	Etowah, AL	warm	17	Etowah, AL	28.3	77.6	686.9	1228.4
Gadsden, AL	Etowah, AL	warm	17	Fannin, GA	25.3	27.7	97.7	18.2
Gadsden, AL	Etowah, AL	warm	17	Fayette, AL	11.3	15.9	111.6	36.8
Gadsden, AL	Etowah, AL	warm	17	Fayette, GA	33.0	51.3	319.6	71.1
Gadsden, AL	Etowah, AL	warm	17	Floyd, GA	58.2	218.7	1626.5	5055.8
Gadsden, AL	Etowah, AL	warm	17	Forsyth, GA	51.4	77.3	435.5	81.9
Gadsden, AL	Etowah, AL	warm	17	Franklin, AL	19.2	25.7	185.4	55.5
Gadsden, AL	Etowah, AL	warm	17	Franklin, TN	24.4	30.4	150.2	25.4
Gadsden, AL	Etowah, AL	warm	17	Fulton, GA	190.9	135.4	4849.5	822.1
Gadsden, AL	Etowah, AL	warm	17	Giles, TN	29.7	61.4	266.2	41.7
Gadsden, AL	Etowah, AL	warm	17	Gilmer, GA	21.4	25.7	127.9	40.5
Gadsden, AL	Etowah, AL	warm	17	Gordon, GA	29.7	47.6	362.0	121.3
Gadsden, AL	Etowah, AL	warm	17	Greene, AL	32.1	237.2	1008.0	5090.4
Gadsden, AL	Etowah, AL	warm	17	Grundy, TN	9.0	10.6	89.1	5.5
Gadsden, AL	Etowah, AL	warm	17	Gwinnett, GA	121.6	94.7	2627.8	433.9
Gadsden, AL	Etowah, AL	warm	17	Hale, AL	18.8	22.9	199.9	21.1
Gadsden, AL	Etowah, AL	warm	17	Hamilton, TN	74.7	83.1	1987.2	550.6
Gadsden, AL	Etowah, AL	warm	17	Haralson, GA	15.9	21.4	140.9	28.7
Gadsden, AL	Etowah, AL	warm	17	Hardin, TN	21.6	37.4	483.7	362.1
Gadsden, AL	Etowah, AL	warm	17	Harris, GA	41.2	31.7	181.7	27.1
Gadsden, AL	Etowah, AL	warm	17	Heard, GA	40.4	404.7	1678.0	11292.0
Gadsden, AL	Etowah, AL	warm	17	Itawamba, MS	16.0	24.4	109.1	9.2
Gadsden, AL	Etowah, AL	warm	17	Jackson, AL	52.7	289.6	2595.6	4061.0
Gadsden, AL	Etowah, AL	warm	17	Jefferson, AL	235.7	737.2	6395.7	6564.5
Gadsden, AL	Etowah, AL	warm	17	Lamar, AL	12.0	15.7	108.8	22.7
Gadsden, AL	Etowah, AL	warm	17	Lauderdale, AL	29.9	59.2	397.5	168.8
Gadsden, AL	Etowah, AL	warm	17	Lawrence, AL	35.4	61.6	561.6	183.2
Gadsden, AL	Etowah, AL	warm	17	Lawrence, TN	24.1	45.0	133.3	51.3
Gadsden, AL	Etowah, AL	warm	17	Lee, AL	44.0	43.4	501.7	165.2
Gadsden, AL	Etowah, AL	warm	17	Lee, MS	43.5	69.1	526.9	74.0
Gadsden, AL	Etowah, AL	warm	17	Limestone, AL	40.7	86.1	509.0	89.3
Gadsden, AL	Etowah, AL	warm	17	Lincoln, TN	21.0	26.9	149.8	36.0
Gadsden, AL	Etowah, AL	warm	17	Lowndes, AL	37.9	38.8	183.2	21.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Gadsden, AL	Etowah, AL	warm	17	Lowndes, MS	62.0	89.7	792.0	398.9
Gadsden, AL	Etowah, AL	warm	17	Macon, AL	79.1	51.8	190.3	32.5
Gadsden, AL	Etowah, AL	warm	17	Madison, AL	101.3	108.6	1246.1	613.4
Gadsden, AL	Etowah, AL	warm	17	Marengo, AL	43.7	46.4	1489.5	122.9
Gadsden, AL	Etowah, AL	warm	17	Marion, AL	13.6	21.8	214.1	54.8
Gadsden, AL	Etowah, AL	warm	17	Marion, TN	22.9	19.9	386.4	30.8
Gadsden, AL	Etowah, AL	warm	17	Marshall, AL	43.1	69.1	429.6	195.1
Gadsden, AL	Etowah, AL	warm	17	Marshall, TN	18.7	29.7	242.9	72.1
Gadsden, AL	Etowah, AL	warm	17	Maury, TN	53.8	181.8	578.4	125.8
Gadsden, AL	Etowah, AL	warm	17	McMinn, TN	40.9	94.5	890.9	696.0
Gadsden, AL	Etowah, AL	warm	17	Meigs, TN	7.0	10.2	87.2	17.4
Gadsden, AL	Etowah, AL	warm	17	Meriwether, GA	31.9	29.8	159.4	33.3
Gadsden, AL	Etowah, AL	warm	17	Monroe, MS	22.0	57.2	370.5	34.2
Gadsden, AL	Etowah, AL	warm	17	Montgomery, AL	69.0	61.9	1279.5	723.6
Gadsden, AL	Etowah, AL	warm	17	Moore, TN	11.2	19.1	62.7	18.1
Gadsden, AL	Etowah, AL	warm	17	Morgan, AL	48.3	131.0	983.0	1262.0
Gadsden, AL	Etowah, AL	warm	17	Murray, GA	18.5	30.0	191.0	85.6
Gadsden, AL	Etowah, AL	warm	17	Noxubee, MS	24.1	39.4	92.3	27.3
Gadsden, AL	Etowah, AL	warm	17	Paulding, GA	50.3	57.7	289.3	27.9
Gadsden, AL	Etowah, AL	warm	17	Perry, AL	17.0	17.9	64.4	25.9
Gadsden, AL	Etowah, AL	warm	17	Pickens, AL	32.1	28.2	181.7	27.1
Gadsden, AL	Etowah, AL	warm	17	Pickens, GA	18.2	27.7	104.9	20.0
Gadsden, AL	Etowah, AL	warm	17	Polk, GA	22.7	30.7	176.4	38.6
Gadsden, AL	Etowah, AL	warm	17	Polk, TN	9.1	14.7	75.0	219.3
Gadsden, AL	Etowah, AL	warm	17	Prentiss, MS	10.5	20.1	123.5	18.4
Gadsden, AL	Etowah, AL	warm	17	Randolph, AL	19.0	19.2	997.4	26.9
Gadsden, AL	Etowah, AL	warm	17	Rhea, TN	50.2	49.9	255.4	63.3
Gadsden, AL	Etowah, AL	warm	17	Roane, TN	36.3	301.9	1973.3	6315.4
Gadsden, AL	Etowah, AL	warm	17	Rutherford, TN	86.7	91.7	970.8	230.0
Gadsden, AL	Etowah, AL	warm	17	Sequatchie, TN	6.7	9.1	49.3	9.8
Gadsden, AL	Etowah, AL	warm	17	Shelby, AL	100.7	668.0	4060.8	14506.5
Gadsden, AL	Etowah, AL	warm	17	Spalding, GA	19.9	38.8	212.8	70.4
Gadsden, AL	Etowah, AL	warm	17	St. Clair, AL	34.7	41.3	699.0	100.5
Gadsden, AL	Etowah, AL	warm	17	Sumter, AL	24.7	21.3	254.9	52.9
Gadsden, AL	Etowah, AL	warm	17	Talladega, AL	53.5	60.0	467.6	118.7
Gadsden, AL	Etowah, AL	warm	17	Tallapoosa, AL	23.4	24.9	225.5	80.3
Gadsden, AL	Etowah, AL	warm	17	Tishomingo, MS	9.9	15.3	164.6	23.4
Gadsden, AL	Etowah, AL	warm	17	Troup, GA	30.7	42.7	381.6	133.0
Gadsden, AL	Etowah, AL	warm	17	Tuscaloosa, AL	73.0	66.6	1066.3	457.9
Gadsden, AL	Etowah, AL	warm	17	Van Buren, TN	5.2	7.4	23.4	4.8
Gadsden, AL	Etowah, AL	warm	17	Walker, AL	64.9	315.0	1839.1	9442.7
Gadsden, AL	Etowah, AL	warm	17	Walker, GA	20.0	34.3	221.3	114.3
Gadsden, AL	Etowah, AL	warm	17	Warren, TN	31.6	38.1	132.9	59.1
Gadsden, AL	Etowah, AL	warm	17	Wayne, TN	21.4	22.9	135.0	27.3
Gadsden, AL	Etowah, AL	warm	17	Whitfield, GA	35.0	86.3	782.1	478.3
Gadsden, AL	Etowah, AL	warm	17	Wilcox, AL	78.3	79.0	368.1	300.4
Gadsden, AL	Etowah, AL	warm	17	Williamson, TN	62.0	61.8	736.0	117.8
Gadsden, AL	Etowah, AL	warm	17	Winston, AL	24.5	21.8	146.7	47.0
Grand Rapids, MI	Kent, MI	cold	12	Alcona, MI	7.5	9.7	107.0	44.7
Grand Rapids, MI	Kent, MI	cold	12	Allegan, MI	23.9	45.1	298.4	56.3
Grand Rapids, MI	Kent, MI	cold	12	Antrim, MI	11.4	14.1	118.1	9.4
Grand Rapids, MI	Kent, MI	cold	12	Arenac, MI	7.3	10.9	63.2	7.1
Grand Rapids, MI	Kent, MI	cold	12	Barry, MI	15.5	27.2	101.3	16.3
Grand Rapids, MI	Kent, MI	cold	12	Bay, MI	17.6	57.9	812.8	1732.5
Grand Rapids, MI	Kent, MI	cold	12	Benzie, MI	8.2	9.1	48.7	4.8
Grand Rapids, MI	Kent, MI	cold	12	Berrien, MI	25.6	45.7	474.7	63.4
Grand Rapids, MI	Kent, MI	cold	12	Branch, MI	12.0	30.6	109.4	17.3
Grand Rapids, MI	Kent, MI	cold	12	Calhoun, MI	24.6	45.4	404.4	56.6
Grand Rapids, MI	Kent, MI	cold	12	Cass, MI	15.2	32.0	116.9	17.3
Grand Rapids, MI	Kent, MI	cold	12	Clare, MI	10.5	12.4	224.4	6.0
Grand Rapids, MI	Kent, MI	cold	12	Clinton, MI	15.9	35.2	214.3	22.1
Grand Rapids, MI	Kent, MI	cold	12	Crawford, MI	8.1	8.2	63.5	13.3
Grand Rapids, MI	Kent, MI	cold	12	Defiance, OH	20.4	67.0	206.0	13.4
Grand Rapids, MI	Kent, MI	cold	12	DeKalb, IN	19.6	63.4	265.4	85.0
Grand Rapids, MI	Kent, MI	cold	12	Eaton, MI	20.7	43.9	359.1	215.2
Grand Rapids, MI	Kent, MI	cold	12	Elkhart, IN	38.3	152.9	583.0	318.1
Grand Rapids, MI	Kent, MI	cold	12	Fulton, OH	20.6	35.1	265.8	17.5
Grand Rapids, MI	Kent, MI	cold	12	Genesee, MI	34.1	52.1	1053.0	114.8
Grand Rapids, MI	Kent, MI	cold	12	Gladwin, MI	9.1	12.3	42.1	6.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Grand Rapids, MI	Kent, MI	cold	12	Grand Traverse, MI	19.5	25.0	213.6	55.1
Grand Rapids, MI	Kent, MI	cold	12	Gratiot, MI	11.2	35.8	106.2	13.7
Grand Rapids, MI	Kent, MI	cold	12	Henry, OH	9.5	27.3	109.4	198.0
Grand Rapids, MI	Kent, MI	cold	12	Hillsdale, MI	14.1	34.9	137.4	110.3
Grand Rapids, MI	Kent, MI	cold	12	Huron, MI	14.8	72.2	235.3	188.6
Grand Rapids, MI	Kent, MI	cold	12	Ingham, MI	21.9	44.4	763.7	565.9
Grand Rapids, MI	Kent, MI	cold	12	Ionia, MI	12.6	33.5	138.1	21.2
Grand Rapids, MI	Kent, MI	cold	12	Iosco, MI	9.8	14.8	110.8	25.0
Grand Rapids, MI	Kent, MI	cold	12	Isabella, MI	13.6	27.4	122.5	14.6
Grand Rapids, MI	Kent, MI	cold	12	Jackson, MI	24.5	46.0	341.9	57.1
Grand Rapids, MI	Kent, MI	cold	12	Jasper, IN	15.9	121.0	1137.9	2305.1
Grand Rapids, MI	Kent, MI	cold	12	Kalamazoo, MI	22.6	40.2	606.6	158.0
Grand Rapids, MI	Kent, MI	cold	12	Kalkaska, MI	10.8	10.5	76.5	15.8
Grand Rapids, MI	Kent, MI	cold	12	Kent, MI	50.6	63.7	1365.8	283.3
Grand Rapids, MI	Kent, MI	cold	12	Kosciusko, IN	17.3	76.9	273.4	97.5
Grand Rapids, MI	Kent, MI	cold	12	Lagrange, IN	14.2	36.8	179.0	43.6
Grand Rapids, MI	Kent, MI	cold	12	Lake, MI	6.4	6.6	21.9	1.9
Grand Rapids, MI	Kent, MI	cold	12	Lapeer, MI	19.5	39.9	188.3	35.1
Grand Rapids, MI	Kent, MI	cold	12	LaPorte, IN	21.5	91.4	678.4	1021.0
Grand Rapids, MI	Kent, MI	cold	12	Leelanau, MI	10.1	12.4	81.3	10.8
Grand Rapids, MI	Kent, MI	cold	12	Lenawee, MI	18.0	50.5	217.4	36.3
Grand Rapids, MI	Kent, MI	cold	12	Livingston, MI	26.7	50.4	426.4	53.0
Grand Rapids, MI	Kent, MI	cold	12	Lucas, OH	42.9	73.3	1781.6	1502.9
Grand Rapids, MI	Kent, MI	cold	12	Manistee, MI	10.0	24.9	242.5	283.9
Grand Rapids, MI	Kent, MI	cold	12	Marshall, IN	11.6	49.7	174.5	48.0
Grand Rapids, MI	Kent, MI	cold	12	Mason, MI	10.2	17.7	98.6	19.7
Grand Rapids, MI	Kent, MI	cold	12	Mecosta, MI	10.7	17.8	114.0	9.7
Grand Rapids, MI	Kent, MI	cold	12	Midland, MI	16.9	28.2	411.0	27.2
Grand Rapids, MI	Kent, MI	cold	12	Missaukee, MI	7.4	9.0	46.4	13.7
Grand Rapids, MI	Kent, MI	cold	12	Monroe, MI	42.6	281.5	2812.0	7331.5
Grand Rapids, MI	Kent, MI	cold	12	Montcalm, MI	16.5	33.1	159.1	21.0
Grand Rapids, MI	Kent, MI	cold	12	Montmorency, MI	7.1	7.9	76.5	9.9
Grand Rapids, MI	Kent, MI	cold	12	Muskegon, MI	27.8	63.9	638.1	837.9
Grand Rapids, MI	Kent, MI	cold	12	Newaygo, MI	15.3	20.6	75.1	12.0
Grand Rapids, MI	Kent, MI	cold	12	Noble, IN	13.9	56.0	207.6	71.9
Grand Rapids, MI	Kent, MI	cold	12	Oakland, MI	88.1	82.6	2818.3	400.2
Grand Rapids, MI	Kent, MI	cold	12	Oceana, MI	11.1	18.7	91.0	26.3
Grand Rapids, MI	Kent, MI	cold	12	Ogemaw, MI	9.6	10.9	53.1	5.4
Grand Rapids, MI	Kent, MI	cold	12	Osceola, MI	8.7	12.9	83.3	14.6
Grand Rapids, MI	Kent, MI	cold	12	Oscoda, MI	6.4	6.3	24.4	2.4
Grand Rapids, MI	Kent, MI	cold	12	Otsego, MI	13.7	11.6	232.9	21.2
Grand Rapids, MI	Kent, MI	cold	12	Ottawa, MI	37.8	126.9	1580.3	2634.6
Grand Rapids, MI	Kent, MI	cold	12	Porter, IN	40.7	159.3	1694.2	1384.4
Grand Rapids, MI	Kent, MI	cold	12	Roscommon, MI	21.7	16.6	63.6	9.6
Grand Rapids, MI	Kent, MI	cold	12	Saginaw, MI	31.5	71.0	512.2	137.1
Grand Rapids, MI	Kent, MI	cold	12	Sanilac, MI	13.9	53.4	190.0	83.2
Grand Rapids, MI	Kent, MI	cold	12	Shiawassee, MI	14.5	36.1	172.3	46.0
Grand Rapids, MI	Kent, MI	cold	12	St. Joseph, IN	23.7	75.9	606.5	400.7
Grand Rapids, MI	Kent, MI	cold	12	St. Joseph, MI	15.4	35.2	191.4	55.2
Grand Rapids, MI	Kent, MI	cold	12	Starke, IN	6.8	20.9	99.6	10.5
Grand Rapids, MI	Kent, MI	cold	12	Steuben, IN	9.6	32.4	189.7	44.3
Grand Rapids, MI	Kent, MI	cold	12	Tuscola, MI	16.1	51.0	134.5	35.8
Grand Rapids, MI	Kent, MI	cold	12	Van Buren, MI	18.7	36.8	167.3	25.6
Grand Rapids, MI	Kent, MI	cold	12	Washtenaw, MI	31.7	46.8	897.7	115.6
Grand Rapids, MI	Kent, MI	cold	12	Wayne, MI	152.9	259.7	5585.5	3812.8
Grand Rapids, MI	Kent, MI	cold	12	Wexford, MI	10.9	19.5	86.9	16.8
Grand Rapids, MI	Kent, MI	cold	12	Williams, OH	12.4	24.8	220.3	13.1
Grand Rapids, MI	Kent, MI	warm	9	Alcona, MI	7.8	10.1	111.1	46.4
Grand Rapids, MI	Kent, MI	warm	9	Allegan, MI	24.9	46.8	310.1	58.5
Grand Rapids, MI	Kent, MI	warm	9	Antrim, MI	11.8	14.6	122.7	9.7
Grand Rapids, MI	Kent, MI	warm	9	Arenac, MI	7.6	11.4	65.7	7.4
Grand Rapids, MI	Kent, MI	warm	9	Barry, MI	16.1	28.3	105.3	16.9
Grand Rapids, MI	Kent, MI	warm	9	Bay, MI	18.3	60.2	844.7	1800.4
Grand Rapids, MI	Kent, MI	warm	9	Benzie, MI	8.5	9.5	50.6	4.9
Grand Rapids, MI	Kent, MI	warm	9	Berrien, MI	26.6	47.5	493.3	65.9
Grand Rapids, MI	Kent, MI	warm	9	Branch, MI	12.5	31.8	113.7	18.0
Grand Rapids, MI	Kent, MI	warm	9	Calhoun, MI	25.6	47.2	420.3	58.8
Grand Rapids, MI	Kent, MI	warm	9	Cass, MI	15.8	33.2	121.4	18.0
Grand Rapids, MI	Kent, MI	warm	9	Clare, MI	10.9	12.9	233.2	6.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Grand Rapids, MI	Kent, MI	warm	9	Clinton, MI	16.6	36.6	222.8	22.9
Grand Rapids, MI	Kent, MI	warm	9	Crawford, MI	8.4	8.6	66.0	13.9
Grand Rapids, MI	Kent, MI	warm	9	Defiance, OH	21.2	69.6	214.0	13.9
Grand Rapids, MI	Kent, MI	warm	9	DeKalb, IN	20.4	65.9	275.8	88.4
Grand Rapids, MI	Kent, MI	warm	9	Eaton, MI	21.5	45.6	373.2	223.6
Grand Rapids, MI	Kent, MI	warm	9	Elkhart, IN	39.8	158.9	605.8	330.6
Grand Rapids, MI	Kent, MI	warm	9	Fulton, OH	21.5	36.4	276.2	18.1
Grand Rapids, MI	Kent, MI	warm	9	Genesee, MI	35.4	54.1	1094.3	119.3
Grand Rapids, MI	Kent, MI	warm	9	Gladwin, MI	9.5	12.8	43.8	6.4
Grand Rapids, MI	Kent, MI	warm	9	Grand Traverse, MI	20.2	26.0	222.0	57.3
Grand Rapids, MI	Kent, MI	warm	9	Gratiot, MI	11.7	37.2	110.3	14.2
Grand Rapids, MI	Kent, MI	warm	9	Henry, OH	9.9	28.3	113.7	205.7
Grand Rapids, MI	Kent, MI	warm	9	Hillsdale, MI	14.6	36.3	142.8	114.6
Grand Rapids, MI	Kent, MI	warm	9	Huron, MI	15.4	75.0	244.5	196.0
Grand Rapids, MI	Kent, MI	warm	9	Ingham, MI	22.8	46.2	793.7	588.1
Grand Rapids, MI	Kent, MI	warm	9	Ionia, MI	13.1	34.8	143.5	22.1
Grand Rapids, MI	Kent, MI	warm	9	Iosco, MI	10.1	15.4	115.1	26.0
Grand Rapids, MI	Kent, MI	warm	9	Isabella, MI	14.1	28.5	127.3	15.1
Grand Rapids, MI	Kent, MI	warm	9	Jackson, MI	25.5	47.8	355.3	59.3
Grand Rapids, MI	Kent, MI	warm	9	Jasper, IN	16.5	125.7	1182.6	2395.5
Grand Rapids, MI	Kent, MI	warm	9	Kalamazoo, MI	23.5	41.7	630.4	164.2
Grand Rapids, MI	Kent, MI	warm	9	Kalkaska, MI	11.2	10.9	79.5	16.4
Grand Rapids, MI	Kent, MI	warm	9	Kent, MI	52.6	66.2	1419.4	294.4
Grand Rapids, MI	Kent, MI	warm	9	Kosciusko, IN	18.0	79.9	284.1	101.3
Grand Rapids, MI	Kent, MI	warm	9	Lagrange, IN	14.8	38.2	186.0	45.3
Grand Rapids, MI	Kent, MI	warm	9	Lake, MI	6.6	6.8	22.8	2.0
Grand Rapids, MI	Kent, MI	warm	9	Lapeer, MI	20.2	41.4	195.7	36.5
Grand Rapids, MI	Kent, MI	warm	9	LaPorte, IN	22.4	95.0	705.0	1061.1
Grand Rapids, MI	Kent, MI	warm	9	Leelanau, MI	10.5	12.9	84.5	11.2
Grand Rapids, MI	Kent, MI	warm	9	Lenawee, MI	18.7	52.5	225.9	37.7
Grand Rapids, MI	Kent, MI	warm	9	Livingston, MI	27.8	52.4	443.1	55.1
Grand Rapids, MI	Kent, MI	warm	9	Lucas, OH	44.6	76.1	1851.5	1561.8
Grand Rapids, MI	Kent, MI	warm	9	Manistee, MI	10.4	25.8	252.0	295.1
Grand Rapids, MI	Kent, MI	warm	9	Marshall, IN	12.0	51.7	181.4	49.9
Grand Rapids, MI	Kent, MI	warm	9	Mason, MI	10.6	18.4	102.5	20.5
Grand Rapids, MI	Kent, MI	warm	9	Mecosta, MI	11.1	18.5	118.5	10.1
Grand Rapids, MI	Kent, MI	warm	9	Midland, MI	17.6	29.4	427.1	28.2
Grand Rapids, MI	Kent, MI	warm	9	Missaukee, MI	7.7	9.3	48.3	14.2
Grand Rapids, MI	Kent, MI	warm	9	Monroe, MI	44.2	292.6	2922.3	7619.0
Grand Rapids, MI	Kent, MI	warm	9	Montcalm, MI	17.1	34.4	165.3	21.9
Grand Rapids, MI	Kent, MI	warm	9	Montmorency, MI	7.4	8.2	79.5	10.3
Grand Rapids, MI	Kent, MI	warm	9	Muskegon, MI	28.9	66.4	663.1	870.8
Grand Rapids, MI	Kent, MI	warm	9	Newaygo, MI	15.9	21.4	78.0	12.5
Grand Rapids, MI	Kent, MI	warm	9	Noble, IN	14.4	58.2	215.8	74.7
Grand Rapids, MI	Kent, MI	warm	9	Oakland, MI	91.5	85.8	2928.8	415.9
Grand Rapids, MI	Kent, MI	warm	9	Oceana, MI	11.6	19.5	94.5	27.3
Grand Rapids, MI	Kent, MI	warm	9	Ogemaw, MI	10.0	11.3	55.2	5.6
Grand Rapids, MI	Kent, MI	warm	9	Osceola, MI	9.1	13.4	86.5	15.1
Grand Rapids, MI	Kent, MI	warm	9	Oscoda, MI	6.6	6.5	25.3	2.5
Grand Rapids, MI	Kent, MI	warm	9	Otsego, MI	14.2	12.1	242.0	22.0
Grand Rapids, MI	Kent, MI	warm	9	Ottawa, MI	39.3	131.8	1642.2	2737.9
Grand Rapids, MI	Kent, MI	warm	9	Porter, IN	42.3	165.5	1760.6	1438.7
Grand Rapids, MI	Kent, MI	warm	9	Roscommon, MI	22.5	17.2	66.1	10.0
Grand Rapids, MI	Kent, MI	warm	9	Saginaw, MI	32.8	73.7	532.2	142.5
Grand Rapids, MI	Kent, MI	warm	9	Sanilac, MI	14.4	55.4	197.5	86.4
Grand Rapids, MI	Kent, MI	warm	9	Shiawassee, MI	15.1	37.5	179.0	47.8
Grand Rapids, MI	Kent, MI	warm	9	St. Joseph, IN	24.6	78.8	630.3	416.4
Grand Rapids, MI	Kent, MI	warm	9	St. Joseph, MI	16.0	36.6	198.9	57.4
Grand Rapids, MI	Kent, MI	warm	9	Starke, IN	7.1	21.7	103.5	10.9
Grand Rapids, MI	Kent, MI	warm	9	Steuben, IN	10.0	33.6	197.2	46.0
Grand Rapids, MI	Kent, MI	warm	9	Tuscola, MI	16.7	53.0	139.7	37.2
Grand Rapids, MI	Kent, MI	warm	9	Van Buren, MI	19.4	38.3	173.8	26.6
Grand Rapids, MI	Kent, MI	warm	9	Washtenaw, MI	32.9	48.6	932.9	120.1
Grand Rapids, MI	Kent, MI	warm	9	Wayne, MI	158.9	269.9	5804.5	3962.3
Grand Rapids, MI	Kent, MI	warm	9	Wexford, MI	11.3	20.2	90.3	17.5
Grand Rapids, MI	Kent, MI	warm	9	Williams, OH	12.9	25.8	229.0	13.6
Green Bay, WI	Brown, WI	cold	21	Adams, WI	12.6	9.2	88.9	5.5
Green Bay, WI	Brown, WI	cold	21	Alger, MI	10.3	16.3	243.0	172.0
Green Bay, WI	Brown, WI	cold	21	Ashland, WI	13.1	11.0	253.2	127.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Green Bay, WI	Brown, WI	cold	21	Baraga, MI	7.9	8.0	63.1	9.8
Green Bay, WI	Brown, WI	cold	21	Barron, WI	23.2	30.6	187.3	19.0
Green Bay, WI	Brown, WI	cold	21	Brown, WI	70.5	121.3	1940.3	2388.0
Green Bay, WI	Brown, WI	cold	21	Buffalo, WI	12.9	13.8	867.3	1352.6
Green Bay, WI	Brown, WI	cold	21	Calumet, WI	15.8	31.0	174.6	17.0
Green Bay, WI	Brown, WI	cold	21	Chippewa, WI	24.7	27.4	244.5	37.8
Green Bay, WI	Brown, WI	cold	21	Clark, WI	20.0	23.0	170.3	14.3
Green Bay, WI	Brown, WI	cold	21	Columbia, WI	29.9	66.0	923.3	2117.5
Green Bay, WI	Brown, WI	cold	21	Dane, WI	136.3	195.1	1509.0	699.0
Green Bay, WI	Brown, WI	cold	21	Delta, MI	22.5	27.4	496.5	371.9
Green Bay, WI	Brown, WI	cold	21	Dickinson, MI	11.7	17.6	187.0	36.3
Green Bay, WI	Brown, WI	cold	21	Dodge, WI	33.7	54.4	320.2	31.0
Green Bay, WI	Brown, WI	cold	21	Door, WI	15.5	16.4	217.4	50.7
Green Bay, WI	Brown, WI	cold	21	Dunn, WI	22.9	29.3	359.5	25.8
Green Bay, WI	Brown, WI	cold	21	Eau Claire, WI	33.6	29.3	361.3	34.5
Green Bay, WI	Brown, WI	cold	21	Florence, WI	7.2	3.2	20.1	1.6
Green Bay, WI	Brown, WI	cold	21	Fond du Lac, WI	32.1	54.6	349.8	40.0
Green Bay, WI	Brown, WI	cold	21	Forest, WI	8.8	4.8	61.0	4.3
Green Bay, WI	Brown, WI	cold	21	Gogebic, MI	9.1	9.7	90.5	9.9
Green Bay, WI	Brown, WI	cold	21	Green Lake, WI	9.8	19.6	71.5	5.3
Green Bay, WI	Brown, WI	cold	21	Green, WI	17.4	32.2	129.5	13.5
Green Bay, WI	Brown, WI	cold	21	Houghton, MI	16.9	17.7	93.3	16.2
Green Bay, WI	Brown, WI	cold	21	Iowa, WI	11.3	17.7	82.2	7.8
Green Bay, WI	Brown, WI	cold	21	Iron, MI	11.0	11.6	88.5	4.2
Green Bay, WI	Brown, WI	cold	21	Iron, WI	7.0	3.1	36.7	5.4
Green Bay, WI	Brown, WI	cold	21	Jackson, WI	12.7	8.7	213.3	9.7
Green Bay, WI	Brown, WI	cold	21	Jefferson, WI	28.6	33.6	334.7	25.8
Green Bay, WI	Brown, WI	cold	21	Juneau, WI	19.3	13.2	256.9	13.4
Green Bay, WI	Brown, WI	cold	21	Kewaunee, WI	10.2	18.5	100.9	22.2
Green Bay, WI	Brown, WI	cold	21	Keweenaw, MI	11.9	12.3	169.4	87.0
Green Bay, WI	Brown, WI	cold	21	La Crosse, WI	43.2	34.7	412.4	47.8
Green Bay, WI	Brown, WI	cold	21	Langlade, WI	11.5	10.6	66.3	6.0
Green Bay, WI	Brown, WI	cold	21	Lincoln, WI	17.8	14.3	271.1	600.2
Green Bay, WI	Brown, WI	cold	21	Manitowoc, WI	27.9	45.6	467.6	352.2
Green Bay, WI	Brown, WI	cold	21	Marathon, WI	53.5	76.5	1250.3	1261.8
Green Bay, WI	Brown, WI	cold	21	Marinette, WI	22.1	20.9	242.4	177.9
Green Bay, WI	Brown, WI	cold	21	Marquette, MI	24.8	103.6	1560.7	1783.7
Green Bay, WI	Brown, WI	cold	21	Marquette, WI	10.7	7.8	148.7	6.1
Green Bay, WI	Brown, WI	cold	21	Menominee, MI	12.5	14.7	101.3	43.7
Green Bay, WI	Brown, WI	cold	21	Menomonie, WI	6.2	2.3	14.8	1.3
Green Bay, WI	Brown, WI	cold	21	Milwaukee, WI	207.1	234.8	2917.0	1943.7
Green Bay, WI	Brown, WI	cold	21	Monroe, WI	26.1	22.7	301.4	17.6
Green Bay, WI	Brown, WI	cold	21	Oconto, WI	18.2	17.0	127.4	12.1
Green Bay, WI	Brown, WI	cold	21	Oneida, WI	21.2	16.3	279.2	193.9
Green Bay, WI	Brown, WI	cold	21	Ontonagon, MI	9.5	15.2	261.3	264.2
Green Bay, WI	Brown, WI	cold	21	Outagamie, WI	50.6	67.2	774.9	927.9
Green Bay, WI	Brown, WI	cold	21	Ozaukee, WI	27.6	36.4	360.2	30.2
Green Bay, WI	Brown, WI	cold	21	Pepin, WI	8.3	7.7	87.9	10.2
Green Bay, WI	Brown, WI	cold	21	Portage, WI	30.5	47.0	348.2	44.0
Green Bay, WI	Brown, WI	cold	21	Price, WI	13.6	8.3	110.3	17.3
Green Bay, WI	Brown, WI	cold	21	Racine, WI	43.8	50.1	469.7	61.0
Green Bay, WI	Brown, WI	cold	21	Richland, WI	9.9	11.0	64.3	5.2
Green Bay, WI	Brown, WI	cold	21	Rock, WI	47.4	66.7	575.5	52.4
Green Bay, WI	Brown, WI	cold	21	Rusk, WI	12.0	7.5	97.0	7.2
Green Bay, WI	Brown, WI	cold	21	Sauk, WI	32.8	37.7	235.4	29.3
Green Bay, WI	Brown, WI	cold	21	Sawyer, WI	21.1	14.2	101.3	5.6
Green Bay, WI	Brown, WI	cold	21	Schoolcraft, MI	9.0	11.1	140.0	117.8
Green Bay, WI	Brown, WI	cold	21	Shawano, WI	23.8	25.9	159.0	36.8
Green Bay, WI	Brown, WI	cold	21	Sheboygan, WI	43.6	86.3	876.9	1381.3
Green Bay, WI	Brown, WI	cold	21	Taylor, WI	14.5	10.5	85.7	7.5
Green Bay, WI	Brown, WI	cold	21	Trempealeau, WI	15.0	17.3	166.0	15.1
Green Bay, WI	Brown, WI	cold	21	Vernon, WI	20.1	73.3	473.5	1067.6
Green Bay, WI	Brown, WI	cold	21	Vilas, WI	16.0	8.3	90.3	5.2
Green Bay, WI	Brown, WI	cold	21	Walworth, WI	30.6	42.2	339.4	24.0
Green Bay, WI	Brown, WI	cold	21	Washburn, WI	12.8	7.7	75.4	5.9
Green Bay, WI	Brown, WI	cold	21	Washington, WI	31.3	32.6	328.0	27.0
Green Bay, WI	Brown, WI	cold	21	Waukesha, WI	90.8	77.7	975.8	81.8
Green Bay, WI	Brown, WI	cold	21	Waupaca, WI	22.2	32.0	177.6	18.3
Green Bay, WI	Brown, WI	cold	21	Waushara, WI	14.6	14.4	158.5	8.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Green Bay, WI	Brown, WI	cold	21	Winnebago, WI	45.1	56.1	531.7	68.1
Green Bay, WI	Brown, WI	cold	21	Wood, WI	29.8	43.6	847.7	1161.7
Green Bay, WI	Brown, WI	warm	6	Adams, WI	4.1	3.0	29.0	1.8
Green Bay, WI	Brown, WI	warm	6	Alger, MI	3.3	5.3	79.2	56.1
Green Bay, WI	Brown, WI	warm	6	Ashland, WI	4.3	3.6	82.5	41.6
Green Bay, WI	Brown, WI	warm	6	Baraga, MI	2.6	2.6	20.6	3.2
Green Bay, WI	Brown, WI	warm	6	Barron, WI	7.6	10.0	61.1	6.2
Green Bay, WI	Brown, WI	warm	6	Brown, WI	23.0	39.6	632.6	778.6
Green Bay, WI	Brown, WI	warm	6	Buffalo, WI	4.2	4.5	282.8	441.0
Green Bay, WI	Brown, WI	warm	6	Calumet, WI	5.1	10.1	56.9	5.5
Green Bay, WI	Brown, WI	warm	6	Chippewa, WI	8.1	8.9	79.7	12.3
Green Bay, WI	Brown, WI	warm	6	Clark, WI	6.5	7.5	55.5	4.7
Green Bay, WI	Brown, WI	warm	6	Columbia, WI	9.8	21.5	301.0	690.3
Green Bay, WI	Brown, WI	warm	6	Dane, WI	44.4	63.6	492.0	227.9
Green Bay, WI	Brown, WI	warm	6	Delta, MI	7.3	8.9	161.9	121.3
Green Bay, WI	Brown, WI	warm	6	Dickinson, MI	3.8	5.7	61.0	11.8
Green Bay, WI	Brown, WI	warm	6	Dodge, WI	11.0	17.7	104.4	10.1
Green Bay, WI	Brown, WI	warm	6	Door, WI	5.1	5.3	70.9	16.5
Green Bay, WI	Brown, WI	warm	6	Dunn, WI	7.5	9.6	117.2	8.4
Green Bay, WI	Brown, WI	warm	6	Eau Claire, WI	11.0	9.5	117.8	11.2
Green Bay, WI	Brown, WI	warm	6	Florence, WI	2.4	1.0	6.6	0.5
Green Bay, WI	Brown, WI	warm	6	Fond du Lac, WI	10.5	17.8	114.0	13.1
Green Bay, WI	Brown, WI	warm	6	Forest, WI	2.9	1.6	19.9	1.4
Green Bay, WI	Brown, WI	warm	6	Gogebic, MI	3.0	3.2	29.5	3.2
Green Bay, WI	Brown, WI	warm	6	Green Lake, WI	3.2	6.4	23.3	1.7
Green Bay, WI	Brown, WI	warm	6	Green, WI	5.7	10.5	42.2	4.4
Green Bay, WI	Brown, WI	warm	6	Houghton, MI	5.5	5.8	30.4	5.3
Green Bay, WI	Brown, WI	warm	6	Iowa, WI	3.7	5.8	26.8	2.5
Green Bay, WI	Brown, WI	warm	6	Iron, MI	3.6	3.8	28.9	1.4
Green Bay, WI	Brown, WI	warm	6	Iron, WI	2.3	1.0	12.0	1.8
Green Bay, WI	Brown, WI	warm	6	Jackson, WI	4.2	2.8	69.5	3.2
Green Bay, WI	Brown, WI	warm	6	Jefferson, WI	9.3	11.0	109.1	8.4
Green Bay, WI	Brown, WI	warm	6	Juneau, WI	6.3	4.3	83.8	4.4
Green Bay, WI	Brown, WI	warm	6	Kewaunee, WI	3.3	6.0	32.9	7.2
Green Bay, WI	Brown, WI	warm	6	Keweenaw, MI	3.9	4.0	55.2	28.4
Green Bay, WI	Brown, WI	warm	6	La Crosse, WI	14.1	11.3	134.4	15.6
Green Bay, WI	Brown, WI	warm	6	Langlade, WI	3.7	3.4	21.6	2.0
Green Bay, WI	Brown, WI	warm	6	Lincoln, WI	5.8	4.6	88.4	195.7
Green Bay, WI	Brown, WI	warm	6	Manitowoc, WI	9.1	14.9	152.4	114.8
Green Bay, WI	Brown, WI	warm	6	Marathon, WI	17.4	25.0	407.6	411.4
Green Bay, WI	Brown, WI	warm	6	Marinette, WI	7.2	6.8	79.0	58.0
Green Bay, WI	Brown, WI	warm	6	Marquette, MI	8.1	33.8	508.8	581.5
Green Bay, WI	Brown, WI	warm	6	Marquette, WI	3.5	2.5	48.5	2.0
Green Bay, WI	Brown, WI	warm	6	Menominee, MI	4.1	4.8	33.0	14.2
Green Bay, WI	Brown, WI	warm	6	Menomonie, WI	2.0	0.8	4.8	0.4
Green Bay, WI	Brown, WI	warm	6	Milwaukee, WI	67.5	76.6	951.0	633.7
Green Bay, WI	Brown, WI	warm	6	Monroe, WI	8.5	7.4	98.3	5.7
Green Bay, WI	Brown, WI	warm	6	Oconto, WI	5.9	5.5	41.5	3.9
Green Bay, WI	Brown, WI	warm	6	Oneida, WI	6.9	5.3	91.0	63.2
Green Bay, WI	Brown, WI	warm	6	Ontonagon, MI	3.1	4.9	85.2	86.1
Green Bay, WI	Brown, WI	warm	6	Outagamie, WI	16.5	21.9	252.6	302.5
Green Bay, WI	Brown, WI	warm	6	Ozaukee, WI	9.0	11.9	117.4	9.9
Green Bay, WI	Brown, WI	warm	6	Pepin, WI	2.7	2.5	28.6	3.3
Green Bay, WI	Brown, WI	warm	6	Portage, WI	9.9	15.3	113.5	14.3
Green Bay, WI	Brown, WI	warm	6	Price, WI	4.4	2.7	36.0	5.7
Green Bay, WI	Brown, WI	warm	6	Racine, WI	14.3	16.3	153.2	19.9
Green Bay, WI	Brown, WI	warm	6	Richland, WI	3.2	3.6	21.0	1.7
Green Bay, WI	Brown, WI	warm	6	Rock, WI	15.5	21.7	187.6	17.1
Green Bay, WI	Brown, WI	warm	6	Rusk, WI	3.9	2.5	31.6	2.4
Green Bay, WI	Brown, WI	warm	6	Sauk, WI	10.7	12.3	76.8	9.5
Green Bay, WI	Brown, WI	warm	6	Sawyer, WI	6.9	4.6	33.0	1.8
Green Bay, WI	Brown, WI	warm	6	Schoolcraft, MI	2.9	3.6	45.7	38.4
Green Bay, WI	Brown, WI	warm	6	Shawano, WI	7.8	8.5	51.8	12.0
Green Bay, WI	Brown, WI	warm	6	Sheboygan, WI	14.2	28.1	285.9	450.3
Green Bay, WI	Brown, WI	warm	6	Taylor, WI	4.7	3.4	27.9	2.5
Green Bay, WI	Brown, WI	warm	6	Trempealeau, WI	4.9	5.7	54.1	4.9
Green Bay, WI	Brown, WI	warm	6	Vernon, WI	6.5	23.9	154.4	348.1
Green Bay, WI	Brown, WI	warm	6	Vilas, WI	5.2	2.7	29.4	1.7
Green Bay, WI	Brown, WI	warm	6	Walworth, WI	10.0	13.8	110.7	7.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Green Bay, WI	Brown, WI	warm	6	Washburn, WI	4.2	2.5	24.6	1.9
Green Bay, WI	Brown, WI	warm	6	Washington, WI	10.2	10.6	106.9	8.8
Green Bay, WI	Brown, WI	warm	6	Waukesha, WI	29.6	25.3	318.1	26.7
Green Bay, WI	Brown, WI	warm	6	Waupaca, WI	7.2	10.4	57.9	6.0
Green Bay, WI	Brown, WI	warm	6	Waushara, WI	4.7	4.7	51.7	2.6
Green Bay, WI	Brown, WI	warm	6	Winnebago, WI	14.7	18.3	173.4	22.2
Green Bay, WI	Brown, WI	warm	6	Wood, WI	9.7	14.2	276.4	378.7
Hamilton, MT	Ravalli, MT	cold	8	Ada, ID	90.4	115.0	741.5	49.7
Hamilton, MT	Ravalli, MT	cold	8	Adams, ID	12.3	7.0	25.1	3.9
Hamilton, MT	Ravalli, MT	cold	8	Adams, WA	10.0	47.7	138.2	9.0
Hamilton, MT	Ravalli, MT	cold	8	Asotin, WA	3.3	4.8	17.7	1.4
Hamilton, MT	Ravalli, MT	cold	8	Baker, OR	161.0	86.3	180.8	25.1
Hamilton, MT	Ravalli, MT	cold	8	Bannock, ID	174.4	109.5	182.6	25.4
Hamilton, MT	Ravalli, MT	cold	8	Bear Lake, ID	4.8	8.5	79.4	1.3
Hamilton, MT	Ravalli, MT	cold	8	Beaverhead, MT	11.6	14.6	47.8	3.4
Hamilton, MT	Ravalli, MT	cold	8	Benewah, ID	22.1	17.9	37.4	4.3
Hamilton, MT	Ravalli, MT	cold	8	Benton, WA	32.4	37.1	277.9	20.7
Hamilton, MT	Ravalli, MT	cold	8	Big Horn, WY	12.3	74.3	62.4	12.5
Hamilton, MT	Ravalli, MT	cold	8	Bingham, ID	25.6	55.5	129.8	8.7
Hamilton, MT	Ravalli, MT	cold	8	Blaine, ID	143.7	81.6	108.4	17.9
Hamilton, MT	Ravalli, MT	cold	8	Blaine, MT	5.2	26.4	106.5	4.9
Hamilton, MT	Ravalli, MT	cold	8	Boise, ID	13.8	10.1	31.9	3.3
Hamilton, MT	Ravalli, MT	cold	8	Bonner, ID	22.9	22.2	169.0	13.5
Hamilton, MT	Ravalli, MT	cold	8	Bonneville, ID	40.5	50.1	162.8	15.6
Hamilton, MT	Ravalli, MT	cold	8	Boundary, ID	19.1	17.7	42.1	4.3
Hamilton, MT	Ravalli, MT	cold	8	Box Elder, UT	16.4	29.3	196.6	13.0
Hamilton, MT	Ravalli, MT	cold	8	Broadwater, MT	3.0	12.1	28.0	5.4
Hamilton, MT	Ravalli, MT	cold	8	Butte, ID	1.7	5.1	14.8	3.4
Hamilton, MT	Ravalli, MT	cold	8	Camas, ID	4.8	4.0	7.2	0.8
Hamilton, MT	Ravalli, MT	cold	8	Canyon, ID	39.3	104.4	313.5	90.4
Hamilton, MT	Ravalli, MT	cold	8	Carbon, MT	8.6	21.4	30.8	2.4
Hamilton, MT	Ravalli, MT	cold	8	Carbon, WY	16.9	46.5	269.9	141.9
Hamilton, MT	Ravalli, MT	cold	8	Caribou, ID	58.5	93.8	108.2	477.2
Hamilton, MT	Ravalli, MT	cold	8	Cascade, MT	13.6	35.2	122.2	35.8
Hamilton, MT	Ravalli, MT	cold	8	Cassia, ID	10.5	23.8	82.3	4.7
Hamilton, MT	Ravalli, MT	cold	8	Chouteau, MT	15.1	52.1	53.0	5.6
Hamilton, MT	Ravalli, MT	cold	8	Clark, ID	4.4	4.1	10.7	0.7
Hamilton, MT	Ravalli, MT	cold	8	Clearwater, ID	38.4	21.1	38.8	7.1
Hamilton, MT	Ravalli, MT	cold	8	Columbia, WA	71.1	52.7	31.8	7.1
Hamilton, MT	Ravalli, MT	cold	8	Crook, OR	15.8	16.2	32.5	3.7
Hamilton, MT	Ravalli, MT	cold	8	Custer, ID	153.6	81.0	45.4	19.7
Hamilton, MT	Ravalli, MT	cold	8	Deer Lodge, MT	2.6	7.2	12.2	1.0
Hamilton, MT	Ravalli, MT	cold	8	Elko, NV	75.4	58.4	243.5	28.9
Hamilton, MT	Ravalli, MT	cold	8	Elmore, ID	42.2	35.4	119.2	9.2
Hamilton, MT	Ravalli, MT	cold	8	Fergus, MT	9.5	26.7	37.8	4.6
Hamilton, MT	Ravalli, MT	cold	8	Ferry, WA	4.2	4.5	15.5	1.1
Hamilton, MT	Ravalli, MT	cold	8	Flathead, MT	57.6	45.8	221.9	48.7
Hamilton, MT	Ravalli, MT	cold	8	Franklin, ID	5.1	11.3	32.1	2.1
Hamilton, MT	Ravalli, MT	cold	8	Franklin, WA	23.5	37.6	161.8	12.9
Hamilton, MT	Ravalli, MT	cold	8	Fremont, ID	6.0	16.2	39.9	3.6
Hamilton, MT	Ravalli, MT	cold	8	Fremont, WY	22.1	114.6	111.6	102.4
Hamilton, MT	Ravalli, MT	cold	8	Gallatin, MT	26.2	62.7	183.4	26.8
Hamilton, MT	Ravalli, MT	cold	8	Garfield, WA	23.2	24.2	21.0	3.5
Hamilton, MT	Ravalli, MT	cold	8	Gem, ID	4.5	12.9	55.2	2.9
Hamilton, MT	Ravalli, MT	cold	8	Gilliam, OR	4.3	11.8	52.1	3.2
Hamilton, MT	Ravalli, MT	cold	8	Glacier, MT	5.6	18.9	89.2	6.4
Hamilton, MT	Ravalli, MT	cold	8	Gooding, ID	10.6	20.2	42.3	2.0
Hamilton, MT	Ravalli, MT	cold	8	Granite, MT	21.3	15.7	22.1	3.7
Hamilton, MT	Ravalli, MT	cold	8	Grant, OR	10.3	9.6	26.8	2.1
Hamilton, MT	Ravalli, MT	cold	8	Grant, WA	24.3	61.4	169.2	11.4
Hamilton, MT	Ravalli, MT	cold	8	Harney, OR	23.2	15.6	36.9	5.3
Hamilton, MT	Ravalli, MT	cold	8	Hill, MT	12.9	45.7	82.1	7.0
Hamilton, MT	Ravalli, MT	cold	8	Hot Springs, WY	2.5	14.0	12.9	2.2
Hamilton, MT	Ravalli, MT	cold	8	Humboldt, NV	14.4	29.5	453.1	376.5
Hamilton, MT	Ravalli, MT	cold	8	Idaho, ID	501.0	263.4	149.6	64.2
Hamilton, MT	Ravalli, MT	cold	8	Jefferson, ID	10.6	27.2	58.9	5.0
Hamilton, MT	Ravalli, MT	cold	8	Jefferson, MT	5.3	27.5	144.6	13.4
Hamilton, MT	Ravalli, MT	cold	8	Jerome, ID	25.6	31.3	66.1	5.1
Hamilton, MT	Ravalli, MT	cold	8	Judith Basin, MT	4.6	13.8	25.8	2.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Hamilton, MT	Ravalli, MT	cold	8	Klickitat, WA	30.1	17.4	142.1	24.6
Hamilton, MT	Ravalli, MT	cold	8	Kootenai, ID	38.5	47.5	241.3	17.6
Hamilton, MT	Ravalli, MT	cold	8	Lake, MT	15.3	21.0	47.1	7.3
Hamilton, MT	Ravalli, MT	cold	8	Latah, ID	25.0	25.4	90.5	8.1
Hamilton, MT	Ravalli, MT	cold	8	Lemhi, ID	56.1	32.7	37.2	8.3
Hamilton, MT	Ravalli, MT	cold	8	Lewis and Clark, MT	35.5	32.2	86.3	9.7
Hamilton, MT	Ravalli, MT	cold	8	Lewis, ID	23.5	22.3	28.6	3.1
Hamilton, MT	Ravalli, MT	cold	8	Liberty, MT	4.3	19.7	49.2	4.2
Hamilton, MT	Ravalli, MT	cold	8	Lincoln, ID	24.3	15.2	17.8	6.1
Hamilton, MT	Ravalli, MT	cold	8	Lincoln, MT	64.5	37.5	128.1	20.2
Hamilton, MT	Ravalli, MT	cold	8	Lincoln, WA	11.8	57.7	105.5	7.8
Hamilton, MT	Ravalli, MT	cold	8	Lincoln, WY	43.2	143.6	758.6	966.3
Hamilton, MT	Ravalli, MT	cold	8	Madison, ID	8.0	20.9	75.6	5.7
Hamilton, MT	Ravalli, MT	cold	8	Madison, MT	4.9	16.6	19.8	2.0
Hamilton, MT	Ravalli, MT	cold	8	Malheur, OR	30.7	49.7	114.5	38.4
Hamilton, MT	Ravalli, MT	cold	8	Meagher, MT	2.8	8.2	6.9	1.0
Hamilton, MT	Ravalli, MT	cold	8	Mineral, MT	69.1	39.4	47.9	11.6
Hamilton, MT	Ravalli, MT	cold	8	Minidoka, ID	23.1	25.1	118.3	16.0
Hamilton, MT	Ravalli, MT	cold	8	Missoula, MT	38.1	36.3	202.7	29.8
Hamilton, MT	Ravalli, MT	cold	8	Morrow, OR	12.6	35.6	393.2	457.9
Hamilton, MT	Ravalli, MT	cold	8	Natrona, WY	14.4	71.9	202.0	82.0
Hamilton, MT	Ravalli, MT	cold	8	Nez Perce, ID	19.0	23.1	167.7	11.9
Hamilton, MT	Ravalli, MT	cold	8	Okanogan, WA	18.6	15.2	55.7	3.9
Hamilton, MT	Ravalli, MT	cold	8	Oneida, ID	4.3	8.1	19.7	1.7
Hamilton, MT	Ravalli, MT	cold	8	Owyhee, ID	73.4	52.5	46.3	18.3
Hamilton, MT	Ravalli, MT	cold	8	Park, MT	7.0	19.8	41.9	5.9
Hamilton, MT	Ravalli, MT	cold	8	Park, WY	10.9	72.1	98.7	82.9
Hamilton, MT	Ravalli, MT	cold	8	Payette, ID	7.7	22.6	58.7	3.6
Hamilton, MT	Ravalli, MT	cold	8	Pend Oreille, WA	18.9	10.5	21.3	4.6
Hamilton, MT	Ravalli, MT	cold	8	Pondera, MT	6.0	10.3	44.2	3.6
Hamilton, MT	Ravalli, MT	cold	8	Powell, MT	7.6	8.8	26.9	3.4
Hamilton, MT	Ravalli, MT	cold	8	Power, ID	44.9	34.5	40.2	68.2
Hamilton, MT	Ravalli, MT	cold	8	Ravalli, MT	338.1	190.2	120.8	44.6
Hamilton, MT	Ravalli, MT	cold	8	Rich, UT	1.5	2.9	8.3	1.5
Hamilton, MT	Ravalli, MT	cold	8	Sanders, MT	86.0	48.8	36.5	14.8
Hamilton, MT	Ravalli, MT	cold	8	Shoshone, ID	14.3	9.3	39.4	4.0
Hamilton, MT	Ravalli, MT	cold	8	Silver Bow, MT	4.3	8.6	43.2	2.9
Hamilton, MT	Ravalli, MT	cold	8	Spokane, WA	93.7	104.7	607.7	44.2
Hamilton, MT	Ravalli, MT	cold	8	Stevens, WA	22.6	18.2	83.9	7.6
Hamilton, MT	Ravalli, MT	cold	8	Stillwater, MT	6.1	20.0	39.7	3.7
Hamilton, MT	Ravalli, MT	cold	8	Sublette, WY	8.7	33.5	89.1	4.2
Hamilton, MT	Ravalli, MT	cold	8	Sweet Grass, MT	3.9	9.6	27.3	2.2
Hamilton, MT	Ravalli, MT	cold	8	Sweetwater, WY	31.4	279.7	2017.7	1347.1
Hamilton, MT	Ravalli, MT	cold	8	Teton, ID	4.8	9.3	18.2	1.8
Hamilton, MT	Ravalli, MT	cold	8	Teton, MT	7.8	12.8	40.6	3.6
Hamilton, MT	Ravalli, MT	cold	8	Teton, WY	15.4	49.6	42.3	16.0
Hamilton, MT	Ravalli, MT	cold	8	Toole, MT	4.4	20.9	80.8	5.2
Hamilton, MT	Ravalli, MT	cold	8	Twin Falls, ID	27.2	63.3	200.3	47.9
Hamilton, MT	Ravalli, MT	cold	8	Uinta, WY	8.2	51.2	182.9	276.5
Hamilton, MT	Ravalli, MT	cold	8	Umatilla, OR	78.5	73.0	278.0	25.5
Hamilton, MT	Ravalli, MT	cold	8	Union, OR	48.2	31.5	132.7	13.8
Hamilton, MT	Ravalli, MT	cold	8	Valley, ID	74.2	41.1	49.7	13.3
Hamilton, MT	Ravalli, MT	cold	8	Walla Walla, WA	45.9	55.4	156.5	113.7
Hamilton, MT	Ravalli, MT	cold	8	Wallowa, OR	251.3	129.9	64.8	33.4
Hamilton, MT	Ravalli, MT	cold	8	Washakie, WY	5.3	23.2	67.5	18.8
Hamilton, MT	Ravalli, MT	cold	8	Washington, ID	17.0	14.4	42.7	4.3
Hamilton, MT	Ravalli, MT	cold	8	Wheatland, MT	1.5	9.0	11.5	1.0
Hamilton, MT	Ravalli, MT	cold	8	Wheeler, OR	4.8	4.9	5.8	0.8
Hamilton, MT	Ravalli, MT	cold	8	Whitman, WA	55.5	133.8	120.7	11.3
Hamilton, MT	Ravalli, MT	cold	8	Yakima, WA	50.1	43.1	259.9	17.8
Harrisburg, PA	Cumberland, PA	cold	6	Adams, PA	12.6	19.2	80.0	16.4
Harrisburg, PA	Cumberland, PA	cold	6	Alexandria (City), VA	4.2	23.4	172.3	254.4
Harrisburg, PA	Cumberland, PA	cold	6	Allegany, MD	12.0	19.6	240.7	647.2
Harrisburg, PA	Cumberland, PA	cold	6	Allegany, NY	18.1	16.3	55.5	15.1
Harrisburg, PA	Cumberland, PA	cold	6	Anne Arundel, MD	37.1	88.9	950.2	1997.2
Harrisburg, PA	Cumberland, PA	cold	6	Arlington, VA	9.9	8.7	185.2	29.8
Harrisburg, PA	Cumberland, PA	cold	6	Baltimore (City), MD	22.0	35.0	539.5	322.8
Harrisburg, PA	Cumberland, PA	cold	6	Baltimore, MD	53.5	111.2	975.5	1263.0
Harrisburg, PA	Cumberland, PA	cold	6	Bedford, PA	8.2	8.5	128.3	22.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Harrisburg, PA	Cumberland, PA	cold	6	Berkeley, WV	14.1	20.0	205.5	67.8
Harrisburg, PA	Cumberland, PA	cold	6	Berks, PA	26.1	62.2	511.9	534.2
Harrisburg, PA	Cumberland, PA	cold	6	Blair, PA	8.9	12.0	142.0	67.2
Harrisburg, PA	Cumberland, PA	cold	6	Bradford, PA	9.7	10.6	66.0	21.0
Harrisburg, PA	Cumberland, PA	cold	6	Bucks, PA	24.8	30.1	475.2	111.8
Harrisburg, PA	Cumberland, PA	cold	6	Burlington, NJ	32.2	20.9	440.7	95.3
Harrisburg, PA	Cumberland, PA	cold	6	Calvert, MD	9.5	8.5	52.9	12.0
Harrisburg, PA	Cumberland, PA	cold	6	Cambria, PA	9.2	13.5	174.8	219.4
Harrisburg, PA	Cumberland, PA	cold	6	Cameron, PA	1.1	1.9	8.2	2.1
Harrisburg, PA	Cumberland, PA	cold	6	Carbon, PA	8.8	9.0	82.4	40.5
Harrisburg, PA	Cumberland, PA	cold	6	Carroll, MD	18.5	23.2	181.4	41.8
Harrisburg, PA	Cumberland, PA	cold	6	Cecil, MD	12.6	11.6	112.1	36.7
Harrisburg, PA	Cumberland, PA	cold	6	Centre, PA	13.2	18.7	188.2	161.6
Harrisburg, PA	Cumberland, PA	cold	6	Charles, MD	17.3	71.6	482.8	2300.4
Harrisburg, PA	Cumberland, PA	cold	6	Chemung, NY	11.2	14.1	96.7	44.9
Harrisburg, PA	Cumberland, PA	cold	6	Chester, PA	22.6	34.8	467.2	226.1
Harrisburg, PA	Cumberland, PA	cold	6	Clarke, VA	2.5	3.9	26.7	3.8
Harrisburg, PA	Cumberland, PA	cold	6	Clearfield, PA	14.2	68.2	319.2	1372.6
Harrisburg, PA	Cumberland, PA	cold	6	Clinton, PA	5.8	5.0	81.7	15.9
Harrisburg, PA	Cumberland, PA	cold	6	Columbia, PA	5.7	9.1	74.9	22.4
Harrisburg, PA	Cumberland, PA	cold	6	Culpeper, VA	6.6	7.8	54.5	6.9
Harrisburg, PA	Cumberland, PA	cold	6	Cumberland, PA	19.8	24.4	409.1	55.9
Harrisburg, PA	Cumberland, PA	cold	6	Dauphin, PA	14.9	14.5	355.1	69.1
Harrisburg, PA	Cumberland, PA	cold	6	Delaware, PA	24.5	35.1	931.2	576.1
Harrisburg, PA	Cumberland, PA	cold	6	District of Columbia, DC	18.7	10.2	378.5	115.8
Harrisburg, PA	Cumberland, PA	cold	6	Elk, PA	3.1	6.1	84.4	151.3
Harrisburg, PA	Cumberland, PA	cold	6	Fairfax (City), VA	1.0	2.3	12.2	2.5
Harrisburg, PA	Cumberland, PA	cold	6	Fairfax, VA	34.9	32.1	900.5	101.7
Harrisburg, PA	Cumberland, PA	cold	6	Fauquier, VA	12.5	11.9	116.1	10.1
Harrisburg, PA	Cumberland, PA	cold	6	Fayette, PA	8.4	9.6	115.0	36.5
Harrisburg, PA	Cumberland, PA	cold	6	Franklin, PA	10.9	18.6	154.8	24.1
Harrisburg, PA	Cumberland, PA	cold	6	Frederick, MD	29.7	37.9	320.2	262.5
Harrisburg, PA	Cumberland, PA	cold	6	Frederick, VA	9.9	10.9	120.7	23.0
Harrisburg, PA	Cumberland, PA	cold	6	Fulton, PA	3.1	4.2	51.0	7.3
Harrisburg, PA	Cumberland, PA	cold	6	Garrett, MD	8.2	7.0	70.7	24.3
Harrisburg, PA	Cumberland, PA	cold	6	Gloucester, NJ	19.2	21.7	359.8	201.4
Harrisburg, PA	Cumberland, PA	cold	6	Grant, WV	9.7	144.9	684.6	131.4
Harrisburg, PA	Cumberland, PA	cold	6	Hampshire, WV	4.1	4.5	22.6	2.8
Harrisburg, PA	Cumberland, PA	cold	6	Hardy, WV	3.0	4.3	26.1	6.2
Harrisburg, PA	Cumberland, PA	cold	6	Harford, MD	24.9	24.2	206.9	65.3
Harrisburg, PA	Cumberland, PA	cold	6	Howard, MD	16.9	12.8	280.0	68.0
Harrisburg, PA	Cumberland, PA	cold	6	Hunterdon, NJ	12.8	8.7	109.9	15.7
Harrisburg, PA	Cumberland, PA	cold	6	Huntingdon, PA	7.3	8.4	71.5	22.4
Harrisburg, PA	Cumberland, PA	cold	6	Indiana, PA	24.1	284.2	1210.7	4175.5
Harrisburg, PA	Cumberland, PA	cold	6	Jefferson, PA	6.9	7.1	84.9	26.7
Harrisburg, PA	Cumberland, PA	cold	6	Jefferson, WV	6.9	9.3	77.5	16.7
Harrisburg, PA	Cumberland, PA	cold	6	Juniata, PA	3.5	4.6	51.1	7.1
Harrisburg, PA	Cumberland, PA	cold	6	Kent, DE	12.3	14.4	257.2	126.7
Harrisburg, PA	Cumberland, PA	cold	6	Kent, MD	4.6	7.8	28.4	13.3
Harrisburg, PA	Cumberland, PA	cold	6	Lackawanna, PA	9.5	12.8	188.5	36.1
Harrisburg, PA	Cumberland, PA	cold	6	Lancaster, PA	32.8	55.7	464.1	113.7
Harrisburg, PA	Cumberland, PA	cold	6	Lebanon, PA	9.6	13.8	166.3	50.3
Harrisburg, PA	Cumberland, PA	cold	6	Lehigh, PA	14.2	20.6	325.6	106.1
Harrisburg, PA	Cumberland, PA	cold	6	Loudoun, VA	13.7	13.7	236.9	29.1
Harrisburg, PA	Cumberland, PA	cold	6	Luzerne, PA	22.2	22.9	294.0	202.5
Harrisburg, PA	Cumberland, PA	cold	6	Lycoming, PA	8.7	9.9	121.4	30.8
Harrisburg, PA	Cumberland, PA	cold	6	McKean, PA	6.0	10.1	92.1	111.1
Harrisburg, PA	Cumberland, PA	cold	6	Mercer, NJ	16.4	26.7	499.3	506.3
Harrisburg, PA	Cumberland, PA	cold	6	Mifflin, PA	6.9	8.2	76.3	13.9
Harrisburg, PA	Cumberland, PA	cold	6	Mineral, WV	5.6	8.0	34.5	12.8
Harrisburg, PA	Cumberland, PA	cold	6	Monroe, PA	16.7	15.1	148.5	28.9
Harrisburg, PA	Cumberland, PA	cold	6	Montgomery, MD	59.3	125.4	757.5	1183.0
Harrisburg, PA	Cumberland, PA	cold	6	Montgomery, PA	31.7	38.5	659.6	153.1
Harrisburg, PA	Cumberland, PA	cold	6	Montour, PA	11.9	180.3	396.4	3615.6
Harrisburg, PA	Cumberland, PA	cold	6	Morgan, WV	2.6	4.1	30.3	4.5
Harrisburg, PA	Cumberland, PA	cold	6	New Castle, DE	25.2	33.9	800.7	1442.1
Harrisburg, PA	Cumberland, PA	cold	6	Northampton, PA	18.8	105.8	696.8	1709.3
Harrisburg, PA	Cumberland, PA	cold	6	Northumberland, PA	8.7	11.3	97.4	42.6
Harrisburg, PA	Cumberland, PA	cold	6	Perry, PA	6.6	6.9	71.2	12.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Harrisburg, PA	Cumberland, PA	cold	6	Philadelphia, PA	35.3	27.3	1096.2	319.6
Harrisburg, PA	Cumberland, PA	cold	6	Pike, PA	11.8	10.6	66.6	7.5
Harrisburg, PA	Cumberland, PA	cold	6	Potter, PA	3.7	4.0	55.2	5.2
Harrisburg, PA	Cumberland, PA	cold	6	Preston, WV	4.6	26.3	112.3	486.0
Harrisburg, PA	Cumberland, PA	cold	6	Prince George's, MD	43.3	126.4	989.4	1810.8
Harrisburg, PA	Cumberland, PA	cold	6	Prince William, VA	15.0	18.0	336.9	203.7
Harrisburg, PA	Cumberland, PA	cold	6	Queen Anne's, MD	7.4	11.0	58.7	13.6
Harrisburg, PA	Cumberland, PA	cold	6	Rappahannock, VA	1.4	2.5	8.3	0.9
Harrisburg, PA	Cumberland, PA	cold	6	Salem, NJ	8.9	21.5	204.9	168.3
Harrisburg, PA	Cumberland, PA	cold	6	Schuylkill, PA	15.5	18.0	176.0	204.9
Harrisburg, PA	Cumberland, PA	cold	6	Shenandoah, VA	7.0	9.6	94.7	12.4
Harrisburg, PA	Cumberland, PA	cold	6	Snyder, PA	5.9	24.6	125.5	798.1
Harrisburg, PA	Cumberland, PA	cold	6	Somerset, PA	12.0	12.9	131.7	52.2
Harrisburg, PA	Cumberland, PA	cold	6	Stafford, VA	12.2	11.3	124.7	11.7
Harrisburg, PA	Cumberland, PA	cold	6	Steuben, NY	27.4	27.6	153.2	40.2
Harrisburg, PA	Cumberland, PA	cold	6	Sullivan, PA	2.6	3.0	8.7	1.8
Harrisburg, PA	Cumberland, PA	cold	6	Susquehanna, PA	7.4	7.5	58.5	9.4
Harrisburg, PA	Cumberland, PA	cold	6	Sussex, NJ	21.0	14.5	77.2	18.9
Harrisburg, PA	Cumberland, PA	cold	6	Tioga, NY	13.3	13.5	60.1	24.4
Harrisburg, PA	Cumberland, PA	cold	6	Tioga, PA	7.0	8.9	56.9	9.0
Harrisburg, PA	Cumberland, PA	cold	6	Union, PA	4.1	5.5	56.3	10.2
Harrisburg, PA	Cumberland, PA	cold	6	Warren, NJ	16.6	13.6	144.0	15.9
Harrisburg, PA	Cumberland, PA	cold	6	Warren, VA	5.3	5.7	42.1	5.6
Harrisburg, PA	Cumberland, PA	cold	6	Washington, MD	17.3	22.1	285.3	184.4
Harrisburg, PA	Cumberland, PA	cold	6	Wayne, PA	9.7	9.0	43.4	13.6
Harrisburg, PA	Cumberland, PA	cold	6	Westmoreland, PA	22.6	25.1	471.4	99.2
Harrisburg, PA	Cumberland, PA	cold	6	Wyoming, PA	5.9	6.5	47.9	9.5
Harrisburg, PA	Cumberland, PA	cold	6	York, PA	34.5	159.5	911.7	3357.2
Harrisburg, PA	Cumberland, PA	warm	8	Adams, PA	23.2	35.4	147.7	30.4
Harrisburg, PA	Cumberland, PA	warm	8	Alexandria (City), VA	7.7	43.2	318.3	470.1
Harrisburg, PA	Cumberland, PA	warm	8	Allegany, MD	22.1	36.2	444.7	1195.7
Harrisburg, PA	Cumberland, PA	warm	8	Allegany, NY	33.4	30.1	102.5	27.9
Harrisburg, PA	Cumberland, PA	warm	8	Anne Arundel, MD	68.6	164.2	1755.4	3689.8
Harrisburg, PA	Cumberland, PA	warm	8	Arlington, VA	18.4	16.0	342.1	55.1
Harrisburg, PA	Cumberland, PA	warm	8	Baltimore (City), MD	40.6	64.7	996.6	596.5
Harrisburg, PA	Cumberland, PA	warm	8	Baltimore, MD	98.9	205.5	1802.2	2333.4
Harrisburg, PA	Cumberland, PA	warm	8	Bedford, PA	15.2	15.6	237.1	40.7
Harrisburg, PA	Cumberland, PA	warm	8	Berkeley, WV	26.1	37.0	379.7	125.3
Harrisburg, PA	Cumberland, PA	warm	8	Berks, PA	48.2	114.9	945.7	986.9
Harrisburg, PA	Cumberland, PA	warm	8	Blair, PA	16.4	22.2	262.3	124.1
Harrisburg, PA	Cumberland, PA	warm	8	Bradford, PA	17.9	19.6	122.0	38.9
Harrisburg, PA	Cumberland, PA	warm	8	Bucks, PA	45.8	55.5	878.0	206.6
Harrisburg, PA	Cumberland, PA	warm	8	Burlington, NJ	59.5	38.5	814.1	176.1
Harrisburg, PA	Cumberland, PA	warm	8	Calvert, MD	17.5	15.7	97.7	22.2
Harrisburg, PA	Cumberland, PA	warm	8	Cambria, PA	17.0	25.0	323.0	405.3
Harrisburg, PA	Cumberland, PA	warm	8	Cameron, PA	2.0	3.5	15.2	4.0
Harrisburg, PA	Cumberland, PA	warm	8	Carbon, PA	16.3	16.6	152.3	74.9
Harrisburg, PA	Cumberland, PA	warm	8	Carroll, MD	34.2	42.9	335.1	77.2
Harrisburg, PA	Cumberland, PA	warm	8	Cecil, MD	23.3	21.3	207.1	67.9
Harrisburg, PA	Cumberland, PA	warm	8	Centre, PA	24.3	34.5	347.8	298.5
Harrisburg, PA	Cumberland, PA	warm	8	Charles, MD	32.0	132.3	891.9	4250.0
Harrisburg, PA	Cumberland, PA	warm	8	Chemung, NY	20.8	26.1	178.7	82.9
Harrisburg, PA	Cumberland, PA	warm	8	Chester, PA	41.8	64.2	863.1	417.8
Harrisburg, PA	Cumberland, PA	warm	8	Clarke, VA	4.6	7.2	49.3	7.1
Harrisburg, PA	Cumberland, PA	warm	8	Clearfield, PA	26.3	126.0	589.7	2535.9
Harrisburg, PA	Cumberland, PA	warm	8	Clinton, PA	10.6	9.3	150.9	29.3
Harrisburg, PA	Cumberland, PA	warm	8	Columbia, PA	10.6	16.8	138.4	41.4
Harrisburg, PA	Cumberland, PA	warm	8	Culpeper, VA	12.1	14.5	100.7	12.8
Harrisburg, PA	Cumberland, PA	warm	8	Cumberland, PA	36.5	45.0	755.8	103.3
Harrisburg, PA	Cumberland, PA	warm	8	Dauphin, PA	27.6	26.8	656.1	127.7
Harrisburg, PA	Cumberland, PA	warm	8	Delaware, PA	45.2	64.8	1720.4	1064.4
Harrisburg, PA	Cumberland, PA	warm	8	District of Columbia, DC	34.5	18.9	699.3	213.9
Harrisburg, PA	Cumberland, PA	warm	8	Elk, PA	5.7	11.2	155.9	279.5
Harrisburg, PA	Cumberland, PA	warm	8	Fairfax (City), VA	1.9	4.2	22.6	4.6
Harrisburg, PA	Cumberland, PA	warm	8	Fairfax, VA	64.5	59.3	1663.7	187.9
Harrisburg, PA	Cumberland, PA	warm	8	Fauquier, VA	23.1	22.0	214.4	18.7
Harrisburg, PA	Cumberland, PA	warm	8	Fayette, PA	15.6	17.8	212.5	67.5
Harrisburg, PA	Cumberland, PA	warm	8	Franklin, PA	20.1	34.4	286.0	44.5
Harrisburg, PA	Cumberland, PA	warm	8	Frederick, MD	54.9	70.0	591.6	485.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Harrisburg, PA	Cumberland, PA	warm	8	Frederick, VA	18.3	20.1	222.9	42.6
Harrisburg, PA	Cumberland, PA	warm	8	Fulton, PA	5.7	7.7	94.2	13.5
Harrisburg, PA	Cumberland, PA	warm	8	Garrett, MD	15.1	13.0	130.6	44.8
Harrisburg, PA	Cumberland, PA	warm	8	Gloucester, NJ	35.4	40.1	664.6	372.1
Harrisburg, PA	Cumberland, PA	warm	8	Grant, WV	18.0	267.7	1264.8	242.7
Harrisburg, PA	Cumberland, PA	warm	8	Hampshire, WV	7.5	8.3	41.8	5.2
Harrisburg, PA	Cumberland, PA	warm	8	Hardy, WV	5.5	7.9	48.3	11.5
Harrisburg, PA	Cumberland, PA	warm	8	Harford, MD	46.0	44.7	382.2	120.6
Harrisburg, PA	Cumberland, PA	warm	8	Howard, MD	31.3	23.7	517.2	125.7
Harrisburg, PA	Cumberland, PA	warm	8	Hunterdon, NJ	23.7	16.0	203.0	29.1
Harrisburg, PA	Cumberland, PA	warm	8	Huntingdon, PA	13.5	15.5	132.1	41.4
Harrisburg, PA	Cumberland, PA	warm	8	Indiana, PA	44.5	525.1	2236.7	7714.3
Harrisburg, PA	Cumberland, PA	warm	8	Jefferson, PA	12.8	13.2	156.8	49.3
Harrisburg, PA	Cumberland, PA	warm	8	Jefferson, WV	12.7	17.2	143.2	30.9
Harrisburg, PA	Cumberland, PA	warm	8	Juniata, PA	6.5	8.5	94.5	13.2
Harrisburg, PA	Cumberland, PA	warm	8	Kent, DE	22.7	26.6	475.2	234.1
Harrisburg, PA	Cumberland, PA	warm	8	Kent, MD	8.5	14.3	52.4	24.6
Harrisburg, PA	Cumberland, PA	warm	8	Lackawanna, PA	17.5	23.7	348.2	66.7
Harrisburg, PA	Cumberland, PA	warm	8	Lancaster, PA	60.6	102.9	857.3	210.0
Harrisburg, PA	Cumberland, PA	warm	8	Lebanon, PA	17.7	25.6	307.2	93.0
Harrisburg, PA	Cumberland, PA	warm	8	Lehigh, PA	26.2	38.1	601.5	196.0
Harrisburg, PA	Cumberland, PA	warm	8	Loudoun, VA	25.3	25.2	437.7	53.7
Harrisburg, PA	Cumberland, PA	warm	8	Luzerne, PA	40.9	42.4	543.1	374.2
Harrisburg, PA	Cumberland, PA	warm	8	Lycoming, PA	16.1	18.3	224.3	56.9
Harrisburg, PA	Cumberland, PA	warm	8	McKean, PA	11.1	18.7	170.2	205.3
Harrisburg, PA	Cumberland, PA	warm	8	Mercer, NJ	30.3	49.3	922.4	935.5
Harrisburg, PA	Cumberland, PA	warm	8	Mifflin, PA	12.8	15.1	140.9	25.6
Harrisburg, PA	Cumberland, PA	warm	8	Mineral, WV	10.4	14.9	63.7	23.6
Harrisburg, PA	Cumberland, PA	warm	8	Monroe, PA	30.9	28.0	274.3	53.4
Harrisburg, PA	Cumberland, PA	warm	8	Montgomery, MD	109.5	231.6	1399.4	2185.7
Harrisburg, PA	Cumberland, PA	warm	8	Montgomery, PA	58.5	71.1	1218.6	282.9
Harrisburg, PA	Cumberland, PA	warm	8	Montour, PA	22.0	333.1	732.4	6679.7
Harrisburg, PA	Cumberland, PA	warm	8	Morgan, WV	4.8	7.5	56.1	8.4
Harrisburg, PA	Cumberland, PA	warm	8	New Castle, DE	46.6	62.7	1479.3	2664.3
Harrisburg, PA	Cumberland, PA	warm	8	Northampton, PA	34.8	195.5	1287.3	3157.9
Harrisburg, PA	Cumberland, PA	warm	8	Northumberland, PA	16.1	20.9	180.0	78.7
Harrisburg, PA	Cumberland, PA	warm	8	Perry, PA	12.2	12.8	131.5	23.2
Harrisburg, PA	Cumberland, PA	warm	8	Philadelphia, PA	65.3	50.5	2025.3	590.5
Harrisburg, PA	Cumberland, PA	warm	8	Pike, PA	21.9	19.5	123.0	13.9
Harrisburg, PA	Cumberland, PA	warm	8	Potter, PA	6.9	7.4	102.0	9.6
Harrisburg, PA	Cumberland, PA	warm	8	Preston, WV	8.5	48.6	207.5	897.8
Harrisburg, PA	Cumberland, PA	warm	8	Prince George's, MD	80.0	233.5	1827.9	3345.4
Harrisburg, PA	Cumberland, PA	warm	8	Prince William, VA	27.8	33.3	622.5	376.4
Harrisburg, PA	Cumberland, PA	warm	8	Queen Anne's, MD	13.6	20.4	108.5	25.1
Harrisburg, PA	Cumberland, PA	warm	8	Rappahannock, VA	2.6	4.6	15.3	1.6
Harrisburg, PA	Cumberland, PA	warm	8	Salem, NJ	16.4	39.8	378.6	310.9
Harrisburg, PA	Cumberland, PA	warm	8	Schuylkill, PA	28.6	33.3	325.2	378.5
Harrisburg, PA	Cumberland, PA	warm	8	Shenandoah, VA	13.0	17.8	174.9	23.0
Harrisburg, PA	Cumberland, PA	warm	8	Snyder, PA	10.8	45.4	231.9	1474.5
Harrisburg, PA	Cumberland, PA	warm	8	Somerset, PA	22.2	23.8	243.3	96.4
Harrisburg, PA	Cumberland, PA	warm	8	Stafford, VA	22.6	20.8	230.3	21.7
Harrisburg, PA	Cumberland, PA	warm	8	Steuben, NY	50.6	51.1	283.0	74.2
Harrisburg, PA	Cumberland, PA	warm	8	Sullivan, PA	4.8	5.5	16.1	3.4
Harrisburg, PA	Cumberland, PA	warm	8	Susquehanna, PA	13.7	13.8	108.1	17.4
Harrisburg, PA	Cumberland, PA	warm	8	Sussex, NJ	38.9	26.8	142.5	35.0
Harrisburg, PA	Cumberland, PA	warm	8	Tioga, NY	24.6	25.0	111.1	45.1
Harrisburg, PA	Cumberland, PA	warm	8	Tioga, PA	12.9	16.5	105.0	16.7
Harrisburg, PA	Cumberland, PA	warm	8	Union, PA	7.5	10.2	104.0	18.8
Harrisburg, PA	Cumberland, PA	warm	8	Warren, NJ	30.7	25.1	266.1	29.4
Harrisburg, PA	Cumberland, PA	warm	8	Warren, VA	9.9	10.6	77.8	10.3
Harrisburg, PA	Cumberland, PA	warm	8	Washington, MD	31.9	40.8	527.1	340.6
Harrisburg, PA	Cumberland, PA	warm	8	Wayne, PA	17.8	16.7	80.2	25.2
Harrisburg, PA	Cumberland, PA	warm	8	Westmoreland, PA	41.7	46.3	870.8	183.3
Harrisburg, PA	Cumberland, PA	warm	8	Wyoming, PA	11.0	12.0	88.5	17.6
Harrisburg, PA	Cumberland, PA	warm	8	York, PA	63.7	294.7	1684.4	6202.4
Harrisburg, PA	Dauphin, PA	cold	8	Adams, PA	16.8	25.5	106.6	21.9
Harrisburg, PA	Dauphin, PA	cold	8	Alexandria (City), VA	5.6	31.2	229.7	339.2
Harrisburg, PA	Dauphin, PA	cold	8	Allegany, MD	16.0	26.1	320.9	862.9
Harrisburg, PA	Dauphin, PA	cold	8	Allegany, NY	24.1	21.7	74.0	20.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Harrisburg, PA	Dauphin, PA	cold	8	Anne Arundel, MD	49.5	118.5	1266.9	2662.9
Harrisburg, PA	Dauphin, PA	cold	8	Arlington, VA	13.3	11.6	246.9	39.8
Harrisburg, PA	Dauphin, PA	cold	8	Baltimore (City), MD	29.3	46.7	719.3	430.5
Harrisburg, PA	Dauphin, PA	cold	8	Baltimore, MD	71.4	148.3	1300.7	1684.0
Harrisburg, PA	Dauphin, PA	cold	8	Bedford, PA	11.0	11.3	171.1	29.4
Harrisburg, PA	Dauphin, PA	cold	8	Berkeley, WV	18.8	26.7	274.0	90.4
Harrisburg, PA	Dauphin, PA	cold	8	Berks, PA	34.8	82.9	682.5	712.2
Harrisburg, PA	Dauphin, PA	cold	8	Blair, PA	11.9	16.0	189.3	89.6
Harrisburg, PA	Dauphin, PA	cold	8	Bradford, PA	12.9	14.1	88.0	28.0
Harrisburg, PA	Dauphin, PA	cold	8	Bucks, PA	33.1	40.1	633.7	149.1
Harrisburg, PA	Dauphin, PA	cold	8	Burlington, NJ	42.9	27.8	587.5	127.1
Harrisburg, PA	Dauphin, PA	cold	8	Calvert, MD	12.6	11.4	70.5	16.0
Harrisburg, PA	Dauphin, PA	cold	8	Cambria, PA	12.2	18.0	233.1	292.5
Harrisburg, PA	Dauphin, PA	cold	8	Cameron, PA	1.5	2.5	11.0	2.9
Harrisburg, PA	Dauphin, PA	cold	8	Carbon, PA	11.8	11.9	109.9	54.0
Harrisburg, PA	Dauphin, PA	cold	8	Carroll, MD	24.7	30.9	241.9	55.7
Harrisburg, PA	Dauphin, PA	cold	8	Cecil, MD	16.8	15.4	149.5	49.0
Harrisburg, PA	Dauphin, PA	cold	8	Centre, PA	17.6	24.9	251.0	215.4
Harrisburg, PA	Dauphin, PA	cold	8	Charles, MD	23.1	95.5	643.7	3067.2
Harrisburg, PA	Dauphin, PA	cold	8	Chemung, NY	15.0	18.9	129.0	59.8
Harrisburg, PA	Dauphin, PA	cold	8	Chester, PA	30.2	46.3	622.9	301.5
Harrisburg, PA	Dauphin, PA	cold	8	Clarke, VA	3.3	5.2	35.6	5.1
Harrisburg, PA	Dauphin, PA	cold	8	Clearfield, PA	19.0	90.9	425.6	1830.1
Harrisburg, PA	Dauphin, PA	cold	8	Clinton, PA	7.7	6.7	108.9	21.2
Harrisburg, PA	Dauphin, PA	cold	8	Columbia, PA	7.6	12.1	99.9	29.9
Harrisburg, PA	Dauphin, PA	cold	8	Culpeper, VA	8.7	10.4	72.7	9.2
Harrisburg, PA	Dauphin, PA	cold	8	Cumberland, PA	26.3	32.5	545.4	74.6
Harrisburg, PA	Dauphin, PA	cold	8	Dauphin, PA	19.9	19.4	473.5	92.2
Harrisburg, PA	Dauphin, PA	cold	8	Delaware, PA	32.7	46.8	1241.6	768.2
Harrisburg, PA	Dauphin, PA	cold	8	District of Columbia, DC	24.9	13.6	504.7	154.4
Harrisburg, PA	Dauphin, PA	cold	8	Elk, PA	4.1	8.1	112.5	201.7
Harrisburg, PA	Dauphin, PA	cold	8	Fairfax (City), VA	1.4	3.0	16.3	3.3
Harrisburg, PA	Dauphin, PA	cold	8	Fairfax, VA	46.5	42.8	1200.7	135.6
Harrisburg, PA	Dauphin, PA	cold	8	Fauquier, VA	16.6	15.9	154.8	13.5
Harrisburg, PA	Dauphin, PA	cold	8	Fayette, PA	11.3	12.9	153.4	48.7
Harrisburg, PA	Dauphin, PA	cold	8	Franklin, PA	14.5	24.8	206.4	32.1
Harrisburg, PA	Dauphin, PA	cold	8	Frederick, MD	39.7	50.5	427.0	350.0
Harrisburg, PA	Dauphin, PA	cold	8	Frederick, VA	13.2	14.5	160.9	30.7
Harrisburg, PA	Dauphin, PA	cold	8	Fulton, PA	4.1	5.6	68.0	9.7
Harrisburg, PA	Dauphin, PA	cold	8	Garrett, MD	10.9	9.4	94.3	32.4
Harrisburg, PA	Dauphin, PA	cold	8	Gloucester, NJ	25.6	28.9	479.7	268.5
Harrisburg, PA	Dauphin, PA	cold	8	Grant, WV	13.0	193.2	912.8	175.2
Harrisburg, PA	Dauphin, PA	cold	8	Hampshire, WV	5.4	6.0	30.1	3.8
Harrisburg, PA	Dauphin, PA	cold	8	Hardy, WV	4.0	5.7	34.8	8.3
Harrisburg, PA	Dauphin, PA	cold	8	Harford, MD	33.2	32.2	275.8	87.1
Harrisburg, PA	Dauphin, PA	cold	8	Howard, MD	22.6	17.1	373.3	90.7
Harrisburg, PA	Dauphin, PA	cold	8	Hunterdon, NJ	17.1	11.6	146.5	21.0
Harrisburg, PA	Dauphin, PA	cold	8	Huntingdon, PA	9.7	11.2	95.3	29.9
Harrisburg, PA	Dauphin, PA	cold	8	Indiana, PA	32.1	379.0	1614.2	5567.4
Harrisburg, PA	Dauphin, PA	cold	8	Jefferson, PA	9.2	9.5	113.2	35.6
Harrisburg, PA	Dauphin, PA	cold	8	Jefferson, WV	9.1	12.4	103.3	22.3
Harrisburg, PA	Dauphin, PA	cold	8	Juniata, PA	4.7	6.1	68.2	9.5
Harrisburg, PA	Dauphin, PA	cold	8	Kent, DE	16.4	19.2	343.0	169.0
Harrisburg, PA	Dauphin, PA	cold	8	Kent, MD	6.1	10.3	37.8	17.8
Harrisburg, PA	Dauphin, PA	cold	8	Lackawanna, PA	12.6	17.1	251.3	48.1
Harrisburg, PA	Dauphin, PA	cold	8	Lancaster, PA	43.7	74.3	618.7	151.6
Harrisburg, PA	Dauphin, PA	cold	8	Lebanon, PA	12.8	18.5	221.7	67.1
Harrisburg, PA	Dauphin, PA	cold	8	Lehigh, PA	18.9	27.5	434.1	141.5
Harrisburg, PA	Dauphin, PA	cold	8	Loudoun, VA	18.3	18.2	315.9	38.7
Harrisburg, PA	Dauphin, PA	cold	8	Luzerne, PA	29.5	30.6	392.0	270.1
Harrisburg, PA	Dauphin, PA	cold	8	Lycoming, PA	11.6	13.2	161.9	41.1
Harrisburg, PA	Dauphin, PA	cold	8	McKean, PA	8.0	13.5	122.8	148.2
Harrisburg, PA	Dauphin, PA	cold	8	Mercer, NJ	21.9	35.6	665.7	675.1
Harrisburg, PA	Dauphin, PA	cold	8	Mifflin, PA	9.2	10.9	101.7	18.5
Harrisburg, PA	Dauphin, PA	cold	8	Mineral, WV	7.5	10.7	46.0	17.0
Harrisburg, PA	Dauphin, PA	cold	8	Monroe, PA	22.3	20.2	197.9	38.6
Harrisburg, PA	Dauphin, PA	cold	8	Montgomery, MD	79.0	167.1	1009.9	1577.4
Harrisburg, PA	Dauphin, PA	cold	8	Montgomery, PA	42.2	51.3	879.5	204.2
Harrisburg, PA	Dauphin, PA	cold	8	Montour, PA	15.9	240.4	528.6	4820.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Harrisburg, PA	Dauphin, PA	cold	8	Morgan, WV	3.5	5.4	40.5	6.0
Harrisburg, PA	Dauphin, PA	cold	8	New Castle, DE	33.6	45.2	1067.6	1922.8
Harrisburg, PA	Dauphin, PA	cold	8	Northampton, PA	25.1	141.1	929.1	2279.1
Harrisburg, PA	Dauphin, PA	cold	8	Northumberland, PA	11.6	15.1	129.9	56.8
Harrisburg, PA	Dauphin, PA	cold	8	Perry, PA	8.8	9.3	94.9	16.8
Harrisburg, PA	Dauphin, PA	cold	8	Philadelphia, PA	47.1	36.4	1461.6	426.1
Harrisburg, PA	Dauphin, PA	cold	8	Pike, PA	15.8	14.1	88.8	10.0
Harrisburg, PA	Dauphin, PA	cold	8	Potter, PA	5.0	5.4	73.6	6.9
Harrisburg, PA	Dauphin, PA	cold	8	Preston, WV	6.1	35.0	149.7	648.0
Harrisburg, PA	Dauphin, PA	cold	8	Prince George's, MD	57.8	168.5	1319.2	2414.4
Harrisburg, PA	Dauphin, PA	cold	8	Prince William, VA	20.1	24.0	449.2	271.6
Harrisburg, PA	Dauphin, PA	cold	8	Queen Anne's, MD	9.8	14.7	78.3	18.1
Harrisburg, PA	Dauphin, PA	cold	8	Rappahannock, VA	1.9	3.3	11.0	1.2
Harrisburg, PA	Dauphin, PA	cold	8	Salem, NJ	11.9	28.7	273.2	224.4
Harrisburg, PA	Dauphin, PA	cold	8	Schuylkill, PA	20.7	24.0	234.7	273.2
Harrisburg, PA	Dauphin, PA	cold	8	Shenandoah, VA	9.4	12.8	126.2	16.6
Harrisburg, PA	Dauphin, PA	cold	8	Snyder, PA	7.8	32.8	167.3	1064.1
Harrisburg, PA	Dauphin, PA	cold	8	Somerset, PA	16.0	17.2	175.6	69.6
Harrisburg, PA	Dauphin, PA	cold	8	Stafford, VA	16.3	15.0	166.2	15.6
Harrisburg, PA	Dauphin, PA	cold	8	Steuben, NY	36.5	36.8	204.3	53.6
Harrisburg, PA	Dauphin, PA	cold	8	Sullivan, PA	3.5	4.0	11.6	2.4
Harrisburg, PA	Dauphin, PA	cold	8	Susquehanna, PA	9.9	10.0	78.0	12.5
Harrisburg, PA	Dauphin, PA	cold	8	Sussex, NJ	28.1	19.3	102.9	25.2
Harrisburg, PA	Dauphin, PA	cold	8	Tioga, NY	17.7	18.0	80.2	32.6
Harrisburg, PA	Dauphin, PA	cold	8	Tioga, PA	9.3	11.9	75.8	12.0
Harrisburg, PA	Dauphin, PA	cold	8	Union, PA	5.4	7.3	75.1	13.6
Harrisburg, PA	Dauphin, PA	cold	8	Warren, NJ	22.2	18.1	192.0	21.3
Harrisburg, PA	Dauphin, PA	cold	8	Warren, VA	7.1	7.6	56.2	7.4
Harrisburg, PA	Dauphin, PA	cold	8	Washington, MD	23.0	29.5	380.4	245.8
Harrisburg, PA	Dauphin, PA	cold	8	Wayne, PA	12.9	12.0	57.9	18.2
Harrisburg, PA	Dauphin, PA	cold	8	Westmoreland, PA	30.1	33.4	628.5	132.3
Harrisburg, PA	Dauphin, PA	cold	8	Wyoming, PA	7.9	8.7	63.9	12.7
Harrisburg, PA	Dauphin, PA	cold	8	York, PA	45.9	212.7	1215.6	4476.3
Harrisburg, PA	Dauphin, PA	warm	8	Adams, PA	23.2	35.4	147.7	30.4
Harrisburg, PA	Dauphin, PA	warm	8	Alexandria (City), VA	7.7	43.2	318.3	470.1
Harrisburg, PA	Dauphin, PA	warm	8	Allegany, MD	22.1	36.2	444.7	1195.7
Harrisburg, PA	Dauphin, PA	warm	8	Allegany, NY	33.4	30.1	102.5	27.9
Harrisburg, PA	Dauphin, PA	warm	8	Anne Arundel, MD	68.6	164.2	1755.4	3689.8
Harrisburg, PA	Dauphin, PA	warm	8	Arlington, VA	18.4	16.0	342.1	55.1
Harrisburg, PA	Dauphin, PA	warm	8	Baltimore (City), MD	40.6	64.7	996.6	596.5
Harrisburg, PA	Dauphin, PA	warm	8	Baltimore, MD	98.9	205.5	1802.2	2333.4
Harrisburg, PA	Dauphin, PA	warm	8	Bedford, PA	15.2	15.6	237.1	40.7
Harrisburg, PA	Dauphin, PA	warm	8	Berkeley, WV	26.1	37.0	379.7	125.3
Harrisburg, PA	Dauphin, PA	warm	8	Berks, PA	48.2	114.9	945.7	986.9
Harrisburg, PA	Dauphin, PA	warm	8	Blair, PA	16.4	22.2	262.3	124.1
Harrisburg, PA	Dauphin, PA	warm	8	Bradford, PA	17.9	19.6	122.0	38.9
Harrisburg, PA	Dauphin, PA	warm	8	Bucks, PA	45.8	55.5	878.0	206.6
Harrisburg, PA	Dauphin, PA	warm	8	Burlington, NJ	59.5	38.5	814.1	176.1
Harrisburg, PA	Dauphin, PA	warm	8	Calvert, MD	17.5	15.7	97.7	22.2
Harrisburg, PA	Dauphin, PA	warm	8	Cambria, PA	17.0	25.0	323.0	405.3
Harrisburg, PA	Dauphin, PA	warm	8	Cameron, PA	2.0	3.5	15.2	4.0
Harrisburg, PA	Dauphin, PA	warm	8	Carbon, PA	16.3	16.6	152.3	74.9
Harrisburg, PA	Dauphin, PA	warm	8	Carroll, MD	34.2	42.9	335.1	77.2
Harrisburg, PA	Dauphin, PA	warm	8	Cecil, MD	23.3	21.3	207.1	67.9
Harrisburg, PA	Dauphin, PA	warm	8	Centre, PA	24.3	34.5	347.8	298.5
Harrisburg, PA	Dauphin, PA	warm	8	Charles, MD	32.0	132.3	891.9	4250.0
Harrisburg, PA	Dauphin, PA	warm	8	Chemung, NY	20.8	26.1	178.7	82.9
Harrisburg, PA	Dauphin, PA	warm	8	Chester, PA	41.8	64.2	863.1	417.8
Harrisburg, PA	Dauphin, PA	warm	8	Clarke, VA	4.6	7.2	49.3	7.1
Harrisburg, PA	Dauphin, PA	warm	8	Clearfield, PA	26.3	126.0	589.7	2535.9
Harrisburg, PA	Dauphin, PA	warm	8	Clinton, PA	10.6	9.3	150.9	29.3
Harrisburg, PA	Dauphin, PA	warm	8	Columbia, PA	10.6	16.8	138.4	41.4
Harrisburg, PA	Dauphin, PA	warm	8	Culpeper, VA	12.1	14.5	100.7	12.8
Harrisburg, PA	Dauphin, PA	warm	8	Cumberland, PA	36.5	45.0	755.8	103.3
Harrisburg, PA	Dauphin, PA	warm	8	Dauphin, PA	27.6	26.8	656.1	127.7
Harrisburg, PA	Dauphin, PA	warm	8	Delaware, PA	45.2	64.8	1720.4	1064.4
Harrisburg, PA	Dauphin, PA	warm	8	District of Columbia, DC	34.5	18.9	699.3	213.9
Harrisburg, PA	Dauphin, PA	warm	8	Elk, PA	5.7	11.2	155.9	279.5
Harrisburg, PA	Dauphin, PA	warm	8	Fairfax (City), VA	1.9	4.2	22.6	4.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Harrisburg, PA	Dauphin, PA	warm	8	Fairfax, VA	64.5	59.3	1663.7	187.9
Harrisburg, PA	Dauphin, PA	warm	8	Fauquier, VA	23.1	22.0	214.4	18.7
Harrisburg, PA	Dauphin, PA	warm	8	Fayette, PA	15.6	17.8	212.5	67.5
Harrisburg, PA	Dauphin, PA	warm	8	Franklin, PA	20.1	34.4	286.0	44.5
Harrisburg, PA	Dauphin, PA	warm	8	Frederick, MD	54.9	70.0	591.6	485.0
Harrisburg, PA	Dauphin, PA	warm	8	Frederick, VA	18.3	20.1	222.9	42.6
Harrisburg, PA	Dauphin, PA	warm	8	Fulton, PA	5.7	7.7	94.2	13.5
Harrisburg, PA	Dauphin, PA	warm	8	Garrett, MD	15.1	13.0	130.6	44.8
Harrisburg, PA	Dauphin, PA	warm	8	Gloucester, NJ	35.4	40.1	664.6	372.1
Harrisburg, PA	Dauphin, PA	warm	8	Grant, WV	18.0	267.7	1264.8	242.7
Harrisburg, PA	Dauphin, PA	warm	8	Hampshire, WV	7.5	8.3	41.8	5.2
Harrisburg, PA	Dauphin, PA	warm	8	Hardy, WV	5.5	7.9	48.3	11.5
Harrisburg, PA	Dauphin, PA	warm	8	Harford, MD	46.0	44.7	382.2	120.6
Harrisburg, PA	Dauphin, PA	warm	8	Howard, MD	31.3	23.7	517.2	125.7
Harrisburg, PA	Dauphin, PA	warm	8	Hunterdon, NJ	23.7	16.0	203.0	29.1
Harrisburg, PA	Dauphin, PA	warm	8	Huntingdon, PA	13.5	15.5	132.1	41.4
Harrisburg, PA	Dauphin, PA	warm	8	Indiana, PA	44.5	525.1	2236.7	7714.3
Harrisburg, PA	Dauphin, PA	warm	8	Jefferson, PA	12.8	13.2	156.8	49.3
Harrisburg, PA	Dauphin, PA	warm	8	Jefferson, WV	12.7	17.2	143.2	30.9
Harrisburg, PA	Dauphin, PA	warm	8	Juniata, PA	6.5	8.5	94.5	13.2
Harrisburg, PA	Dauphin, PA	warm	8	Kent, DE	22.7	26.6	475.2	234.1
Harrisburg, PA	Dauphin, PA	warm	8	Kent, MD	8.5	14.3	52.4	24.6
Harrisburg, PA	Dauphin, PA	warm	8	Lackawanna, PA	17.5	23.7	348.2	66.7
Harrisburg, PA	Dauphin, PA	warm	8	Lancaster, PA	60.6	102.9	857.3	210.0
Harrisburg, PA	Dauphin, PA	warm	8	Lebanon, PA	17.7	25.6	307.2	93.0
Harrisburg, PA	Dauphin, PA	warm	8	Lehigh, PA	26.2	38.1	601.5	196.0
Harrisburg, PA	Dauphin, PA	warm	8	Loudoun, VA	25.3	25.2	437.7	53.7
Harrisburg, PA	Dauphin, PA	warm	8	Luzerne, PA	40.9	42.4	543.1	374.2
Harrisburg, PA	Dauphin, PA	warm	8	Lycoming, PA	16.1	18.3	224.3	56.9
Harrisburg, PA	Dauphin, PA	warm	8	McKean, PA	11.1	18.7	170.2	205.3
Harrisburg, PA	Dauphin, PA	warm	8	Mercer, NJ	30.3	49.3	922.4	935.5
Harrisburg, PA	Dauphin, PA	warm	8	Mifflin, PA	12.8	15.1	140.9	25.6
Harrisburg, PA	Dauphin, PA	warm	8	Mineral, WV	10.4	14.9	63.7	23.6
Harrisburg, PA	Dauphin, PA	warm	8	Monroe, PA	30.9	28.0	274.3	53.4
Harrisburg, PA	Dauphin, PA	warm	8	Montgomery, MD	109.5	231.6	1399.4	2185.7
Harrisburg, PA	Dauphin, PA	warm	8	Montgomery, PA	58.5	71.1	1218.6	282.9
Harrisburg, PA	Dauphin, PA	warm	8	Montour, PA	22.0	333.1	732.4	6679.7
Harrisburg, PA	Dauphin, PA	warm	8	Morgan, WV	4.8	7.5	56.1	8.4
Harrisburg, PA	Dauphin, PA	warm	8	New Castle, DE	46.6	62.7	1479.3	2664.3
Harrisburg, PA	Dauphin, PA	warm	8	Northampton, PA	34.8	195.5	1287.3	3157.9
Harrisburg, PA	Dauphin, PA	warm	8	Northumberland, PA	16.1	20.9	180.0	78.7
Harrisburg, PA	Dauphin, PA	warm	8	Perry, PA	12.2	12.8	131.5	23.2
Harrisburg, PA	Dauphin, PA	warm	8	Philadelphia, PA	65.3	50.5	2025.3	590.5
Harrisburg, PA	Dauphin, PA	warm	8	Pike, PA	21.9	19.5	123.0	13.9
Harrisburg, PA	Dauphin, PA	warm	8	Potter, PA	6.9	7.4	102.0	9.6
Harrisburg, PA	Dauphin, PA	warm	8	Preston, WV	8.5	48.6	207.5	897.8
Harrisburg, PA	Dauphin, PA	warm	8	Prince George's, MD	80.0	233.5	1827.9	3345.4
Harrisburg, PA	Dauphin, PA	warm	8	Prince William, VA	27.8	33.3	622.5	376.4
Harrisburg, PA	Dauphin, PA	warm	8	Queen Anne's, MD	13.6	20.4	108.5	25.1
Harrisburg, PA	Dauphin, PA	warm	8	Rappahannock, VA	2.6	4.6	15.3	1.6
Harrisburg, PA	Dauphin, PA	warm	8	Salem, NJ	16.4	39.8	378.6	310.9
Harrisburg, PA	Dauphin, PA	warm	8	Schuylkill, PA	28.6	33.3	325.2	378.5
Harrisburg, PA	Dauphin, PA	warm	8	Shenandoah, VA	13.0	17.8	174.9	23.0
Harrisburg, PA	Dauphin, PA	warm	8	Snyder, PA	10.8	45.4	231.9	1474.5
Harrisburg, PA	Dauphin, PA	warm	8	Somerset, PA	22.2	23.8	243.3	96.4
Harrisburg, PA	Dauphin, PA	warm	8	Stafford, VA	22.6	20.8	230.3	21.7
Harrisburg, PA	Dauphin, PA	warm	8	Steuben, NY	50.6	51.1	283.0	74.2
Harrisburg, PA	Dauphin, PA	warm	8	Sullivan, PA	4.8	5.5	16.1	3.4
Harrisburg, PA	Dauphin, PA	warm	8	Susquehanna, PA	13.7	13.8	108.1	17.4
Harrisburg, PA	Dauphin, PA	warm	8	Sussex, NJ	38.9	26.8	142.5	35.0
Harrisburg, PA	Dauphin, PA	warm	8	Tioga, NY	24.6	25.0	111.1	45.1
Harrisburg, PA	Dauphin, PA	warm	8	Tioga, PA	12.9	16.5	105.0	16.7
Harrisburg, PA	Dauphin, PA	warm	8	Union, PA	7.5	10.2	104.0	18.8
Harrisburg, PA	Dauphin, PA	warm	8	Warren, NJ	30.7	25.1	266.1	29.4
Harrisburg, PA	Dauphin, PA	warm	8	Warren, VA	9.9	10.6	77.8	10.3
Harrisburg, PA	Dauphin, PA	warm	8	Washington, MD	31.9	40.8	527.1	340.6
Harrisburg, PA	Dauphin, PA	warm	8	Wayne, PA	17.8	16.7	80.2	25.2
Harrisburg, PA	Dauphin, PA	warm	8	Westmoreland, PA	41.7	46.3	870.8	183.3
Harrisburg, PA	Dauphin, PA	warm	8	Wyoming, PA	11.0	12.0	88.5	17.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Harrisburg, PA	Dauphin, PA	warm	8	York, PA	63.7	294.7	1684.4	6202.4
Huntington, WV	Cabell, WV	cold	1	Adams, OH	2.3	22.5	159.5	595.8
Huntington, WV	Cabell, WV	cold	1	Alleghany, VA	0.6	0.6	6.4	1.1
Huntington, WV	Cabell, WV	cold	1	Athens, OH	1.1	1.1	15.4	6.9
Huntington, WV	Cabell, WV	cold	1	Bath, KY	0.3	0.5	5.9	0.4
Huntington, WV	Cabell, WV	cold	1	Bath, VA	0.2	0.4	1.1	0.5
Huntington, WV	Cabell, WV	cold	1	Bland, VA	0.2	0.4	4.1	0.4
Huntington, WV	Cabell, WV	cold	1	Boone, WV	0.6	0.7	6.0	0.5
Huntington, WV	Cabell, WV	cold	1	Boyd, KY	1.9	4.8	47.8	49.5
Huntington, WV	Cabell, WV	cold	1	Bracken, KY	0.2	0.4	2.3	0.2
Huntington, WV	Cabell, WV	cold	1	Braxton, WV	0.5	0.7	8.0	1.1
Huntington, WV	Cabell, WV	cold	1	Breathitt, KY	0.4	0.5	2.3	0.4
Huntington, WV	Cabell, WV	cold	1	Brown, OH	1.2	1.9	12.4	1.6
Huntington, WV	Cabell, WV	cold	1	Buchanan, VA	0.7	1.8	7.4	24.9
Huntington, WV	Cabell, WV	cold	1	Cabell, WV	2.0	2.4	50.2	20.5
Huntington, WV	Cabell, WV	cold	1	Calhoun, WV	0.1	0.3	3.7	0.2
Huntington, WV	Cabell, WV	cold	1	Carter, KY	0.7	1.0	11.2	0.8
Huntington, WV	Cabell, WV	cold	1	Clay, WV	0.2	0.4	1.5	0.2
Huntington, WV	Cabell, WV	cold	1	Clermont, OH	3.5	19.4	168.6	426.1
Huntington, WV	Cabell, WV	cold	1	Clinton, OH	1.0	2.1	12.9	0.9
Huntington, WV	Cabell, WV	cold	1	Dickenson, VA	0.4	0.5	2.9	0.5
Huntington, WV	Cabell, WV	cold	1	Doddridge, WV	0.1	0.4	4.5	0.3
Huntington, WV	Cabell, WV	cold	1	Elliott, KY	0.1	0.3	0.8	0.1
Huntington, WV	Cabell, WV	cold	1	Fairfield, OH	1.8	3.2	28.0	2.1
Huntington, WV	Cabell, WV	cold	1	Fayette, OH	0.7	2.2	10.4	0.7
Huntington, WV	Cabell, WV	cold	1	Fayette, WV	1.2	1.6	21.3	17.0
Huntington, WV	Cabell, WV	cold	1	Fleming, KY	0.4	0.6	2.3	0.5
Huntington, WV	Cabell, WV	cold	1	Floyd, KY	1.0	1.1	10.8	0.8
Huntington, WV	Cabell, WV	cold	1	Franklin, OH	6.3	4.8	177.9	19.3
Huntington, WV	Cabell, WV	cold	1	Gallia, OH	2.4	27.0	278.5	475.0
Huntington, WV	Cabell, WV	cold	1	Giles, VA	0.7	4.2	45.4	94.1
Huntington, WV	Cabell, WV	cold	1	Gilmer, WV	0.2	0.4	5.2	0.4
Huntington, WV	Cabell, WV	cold	1	Greenbrier, WV	1.0	1.0	9.8	1.3
Huntington, WV	Cabell, WV	cold	1	Greene, OH	1.2	3.1	40.1	8.5
Huntington, WV	Cabell, WV	cold	1	Greenup, KY	0.7	0.7	19.3	10.3
Huntington, WV	Cabell, WV	cold	1	Harlan, KY	0.7	0.8	3.7	1.1
Huntington, WV	Cabell, WV	cold	1	Highland, OH	1.0	1.9	7.3	0.6
Huntington, WV	Cabell, WV	cold	1	Hocking, OH	0.8	0.9	10.1	1.1
Huntington, WV	Cabell, WV	cold	1	Jackson, OH	0.8	0.9	4.9	0.7
Huntington, WV	Cabell, WV	cold	1	Jackson, WV	0.9	2.7	14.3	15.7
Huntington, WV	Cabell, WV	cold	1	Johnson, KY	0.6	0.7	4.8	0.7
Huntington, WV	Cabell, WV	cold	1	Kanawha, WV	4.0	5.0	113.1	102.0
Huntington, WV	Cabell, WV	cold	1	Knott, KY	0.5	0.6	5.6	0.3
Huntington, WV	Cabell, WV	cold	1	Lawrence, KY	0.9	9.7	64.9	237.0
Huntington, WV	Cabell, WV	cold	1	Lawrence, OH	3.2	1.8	17.8	2.7
Huntington, WV	Cabell, WV	cold	1	Lee, KY	0.2	0.3	1.8	0.3
Huntington, WV	Cabell, WV	cold	1	Lee, VA	0.6	0.8	4.2	0.7
Huntington, WV	Cabell, WV	cold	1	Letcher, KY	0.7	0.9	4.3	0.6
Huntington, WV	Cabell, WV	cold	1	Lewis, KY	0.7	0.7	13.9	2.3
Huntington, WV	Cabell, WV	cold	1	Lewis, WV	0.3	0.5	16.8	1.6
Huntington, WV	Cabell, WV	cold	1	Licking, OH	3.6	5.5	35.1	3.6
Huntington, WV	Cabell, WV	cold	1	Lincoln, WV	0.4	0.6	2.7	0.2
Huntington, WV	Cabell, WV	cold	1	Logan, WV	0.7	0.7	4.6	0.5
Huntington, WV	Cabell, WV	cold	1	Madison, OH	0.8	3.1	14.7	0.9
Huntington, WV	Cabell, WV	cold	1	Magoffin, KY	0.3	0.4	2.1	0.3
Huntington, WV	Cabell, WV	cold	1	Martin, KY	0.3	0.6	4.1	0.8
Huntington, WV	Cabell, WV	cold	1	Mason, KY	0.9	7.5	52.8	193.8
Huntington, WV	Cabell, WV	cold	1	Mason, WV	1.4	13.2	115.9	390.8
Huntington, WV	Cabell, WV	cold	1	Mc Dowell, WV	0.6	0.7	6.8	1.6
Huntington, WV	Cabell, WV	cold	1	Meigs, OH	0.7	0.7	10.2	1.6
Huntington, WV	Cabell, WV	cold	1	Menifee, KY	0.2	0.3	0.8	0.2
Huntington, WV	Cabell, WV	cold	1	Mercer, WV	1.3	1.2	14.9	2.1
Huntington, WV	Cabell, WV	cold	1	Mingo, WV	0.7	0.7	13.6	1.1
Huntington, WV	Cabell, WV	cold	1	Monroe, OH	0.7	1.6	11.7	16.2
Huntington, WV	Cabell, WV	cold	1	Monroe, WV	0.3	0.5	2.3	0.9
Huntington, WV	Cabell, WV	cold	1	Montgomery, KY	0.6	0.9	6.2	1.6
Huntington, WV	Cabell, WV	cold	1	Morgan, KY	0.4	0.5	2.1	0.5
Huntington, WV	Cabell, WV	cold	1	Morgan, OH	0.4	0.6	1.9	0.2
Huntington, WV	Cabell, WV	cold	1	Muskingum, OH	1.5	2.3	22.0	4.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Huntington, WV	Cabell, WV	cold	1	Nicholas, KY	0.2	0.4	1.1	0.2
Huntington, WV	Cabell, WV	cold	1	Nicholas, WV	0.6	0.8	5.0	0.8
Huntington, WV	Cabell, WV	cold	1	Noble, OH	0.4	0.6	6.6	0.3
Huntington, WV	Cabell, WV	cold	1	Norton, VA	0.0	0.1	1.9	0.1
Huntington, WV	Cabell, WV	cold	1	Perry, KY	1.3	1.3	7.2	1.2
Huntington, WV	Cabell, WV	cold	1	Perry, OH	0.7	1.1	9.0	0.8
Huntington, WV	Cabell, WV	cold	1	Pickaway, OH	1.1	4.4	23.7	32.1
Huntington, WV	Cabell, WV	cold	1	Pike, KY	1.7	1.9	18.0	1.8
Huntington, WV	Cabell, WV	cold	1	Pike, OH	1.2	1.4	8.8	11.3
Huntington, WV	Cabell, WV	cold	1	Pleasants, WV	0.7	7.0	70.3	292.5
Huntington, WV	Cabell, WV	cold	1	Pocahontas, WV	0.3	0.4	1.8	1.3
Huntington, WV	Cabell, WV	cold	1	Powell, KY	0.3	0.4	10.3	1.3
Huntington, WV	Cabell, WV	cold	1	Putnam, WV	2.2	18.0	176.4	535.8
Huntington, WV	Cabell, WV	cold	1	Raleigh, WV	1.5	1.6	16.0	1.6
Huntington, WV	Cabell, WV	cold	1	Randolph, WV	0.6	0.7	12.1	1.0
Huntington, WV	Cabell, WV	cold	1	Ritchie, WV	0.2	0.4	3.3	0.6
Huntington, WV	Cabell, WV	cold	1	Roane, WV	0.3	0.5	2.8	0.4
Huntington, WV	Cabell, WV	cold	1	Robertson, KY	0.1	0.2	0.3	0.0
Huntington, WV	Cabell, WV	cold	1	Ross, OH	1.6	2.6	31.7	115.2
Huntington, WV	Cabell, WV	cold	1	Rowan, KY	0.6	0.7	7.4	1.3
Huntington, WV	Cabell, WV	cold	1	Russell, VA	0.9	4.3	40.9	125.3
Huntington, WV	Cabell, WV	cold	1	Scioto, OH	2.0	1.6	23.5	2.6
Huntington, WV	Cabell, WV	cold	1	Scott, VA	0.7	0.7	4.6	0.8
Huntington, WV	Cabell, WV	cold	1	Smyth, VA	0.9	1.2	9.9	2.6
Huntington, WV	Cabell, WV	cold	1	Summers, WV	0.3	0.4	3.6	0.4
Huntington, WV	Cabell, WV	cold	1	Tazewell, VA	1.0	1.0	8.4	1.4
Huntington, WV	Cabell, WV	cold	1	Tyler, WV	0.3	0.5	6.7	2.3
Huntington, WV	Cabell, WV	cold	1	Upshur, WV	0.5	0.7	5.7	0.7
Huntington, WV	Cabell, WV	cold	1	Vinton, OH	0.4	0.5	2.2	0.3
Huntington, WV	Cabell, WV	cold	1	Washington, OH	3.5	31.1	114.8	775.3
Huntington, WV	Cabell, WV	cold	1	Washington, VA	1.3	1.5	15.4	2.2
Huntington, WV	Cabell, WV	cold	1	Wayne, WV	2.1	0.9	35.9	4.9
Huntington, WV	Cabell, WV	cold	1	Webster, WV	0.2	0.4	1.0	0.3
Huntington, WV	Cabell, WV	cold	1	Wirt, WV	0.1	0.3	0.6	0.1
Huntington, WV	Cabell, WV	cold	1	Wise, VA	0.9	0.9	7.6	0.9
Huntington, WV	Cabell, WV	cold	1	Wolfe, KY	0.2	0.3	1.1	0.2
Huntington, WV	Cabell, WV	cold	1	Wood, WV	2.0	2.4	27.7	29.4
Huntington, WV	Cabell, WV	cold	1	Wyoming, WV	0.5	1.5	14.6	1.6
Huntington, WV	Cabell, WV	warm	16	Adams, OH	51.7	497.7	3537.0	13209.6
Huntington, WV	Cabell, WV	warm	16	Alleghany, VA	13.9	12.8	141.9	23.4
Huntington, WV	Cabell, WV	warm	16	Athens, OH	23.9	23.8	342.4	152.6
Huntington, WV	Cabell, WV	warm	16	Bath, KY	7.4	12.1	130.6	8.9
Huntington, WV	Cabell, WV	warm	16	Bath, VA	4.4	8.3	23.4	10.0
Huntington, WV	Cabell, WV	warm	16	Bland, VA	4.6	9.0	90.3	8.5
Huntington, WV	Cabell, WV	warm	16	Boone, WV	14.0	16.5	134.0	10.8
Huntington, WV	Cabell, WV	warm	16	Boyd, KY	43.1	106.9	1058.6	1098.1
Huntington, WV	Cabell, WV	warm	16	Bracken, KY	5.1	9.1	51.5	5.5
Huntington, WV	Cabell, WV	warm	16	Braxton, WV	11.0	15.3	177.9	25.4
Huntington, WV	Cabell, WV	warm	16	Breathitt, KY	9.0	10.4	50.5	8.9
Huntington, WV	Cabell, WV	warm	16	Brown, OH	26.0	42.2	274.2	34.8
Huntington, WV	Cabell, WV	warm	16	Buchanan, VA	16.0	41.0	163.2	551.9
Huntington, WV	Cabell, WV	warm	16	Cabell, WV	45.3	52.3	1113.1	455.5
Huntington, WV	Cabell, WV	warm	16	Calhoun, WV	2.8	7.7	82.9	3.9
Huntington, WV	Cabell, WV	warm	16	Carter, KY	15.1	23.0	247.3	16.7
Huntington, WV	Cabell, WV	warm	16	Clay, WV	5.2	9.7	32.6	4.6
Huntington, WV	Cabell, WV	warm	16	Clermont, OH	76.7	429.4	3738.3	9447.4
Huntington, WV	Cabell, WV	warm	16	Clinton, OH	22.9	46.7	286.4	20.8
Huntington, WV	Cabell, WV	warm	16	Dickenson, VA	9.3	12.0	64.4	11.5
Huntington, WV	Cabell, WV	warm	16	Doddridge, WV	2.9	7.8	100.7	5.5
Huntington, WV	Cabell, WV	warm	16	Elliott, KY	3.1	6.1	16.6	2.5
Huntington, WV	Cabell, WV	warm	16	Fairfield, OH	40.7	71.6	621.4	47.0
Huntington, WV	Cabell, WV	warm	16	Fayette, OH	15.1	49.3	230.2	16.2
Huntington, WV	Cabell, WV	warm	16	Fayette, WV	27.6	36.1	472.0	376.0
Huntington, WV	Cabell, WV	warm	16	Fleming, KY	8.0	12.5	51.5	10.6
Huntington, WV	Cabell, WV	warm	16	Floyd, KY	22.5	24.4	239.7	16.9
Huntington, WV	Cabell, WV	warm	16	Franklin, OH	138.8	105.4	3943.2	428.2
Huntington, WV	Cabell, WV	warm	16	Gallia, OH	52.2	598.5	6173.6	10531.2
Huntington, WV	Cabell, WV	warm	16	Giles, VA	16.5	93.9	1007.2	2085.7
Huntington, WV	Cabell, WV	warm	16	Gilmer, WV	3.7	8.2	114.6	8.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Huntington, WV	Cabell, WV	warm	16	Greenbrier, WV	22.5	21.4	216.8	29.5
Huntington, WV	Cabell, WV	warm	16	Greene, OH	27.7	69.8	888.8	188.1
Huntington, WV	Cabell, WV	warm	16	Greenup, KY	15.7	16.5	428.9	228.2
Huntington, WV	Cabell, WV	warm	16	Harlan, KY	16.4	18.5	83.1	24.8
Huntington, WV	Cabell, WV	warm	16	Highland, OH	22.9	41.8	162.0	13.8
Huntington, WV	Cabell, WV	warm	16	Hocking, OH	17.2	19.8	224.2	24.1
Huntington, WV	Cabell, WV	warm	16	Jackson, OH	17.8	19.4	107.8	15.6
Huntington, WV	Cabell, WV	warm	16	Jackson, WV	19.7	60.5	317.5	347.8
Huntington, WV	Cabell, WV	warm	16	Johnson, KY	12.4	14.5	107.5	14.7
Huntington, WV	Cabell, WV	warm	16	Kanawha, WV	89.6	110.0	2508.2	2262.3
Huntington, WV	Cabell, WV	warm	16	Knott, KY	11.2	13.7	124.3	6.9
Huntington, WV	Cabell, WV	warm	16	Lawrence, KY	20.8	215.4	1439.1	5253.8
Huntington, WV	Cabell, WV	warm	16	Lawrence, OH	70.3	40.1	394.1	60.0
Huntington, WV	Cabell, WV	warm	16	Lee, KY	4.7	7.1	40.0	5.7
Huntington, WV	Cabell, WV	warm	16	Lee, VA	13.6	16.8	92.5	14.8
Huntington, WV	Cabell, WV	warm	16	Letcher, KY	14.7	18.9	94.5	13.9
Huntington, WV	Cabell, WV	warm	16	Lewis, KY	14.5	15.0	308.6	51.4
Huntington, WV	Cabell, WV	warm	16	Lewis, WV	7.5	10.7	371.5	36.2
Huntington, WV	Cabell, WV	warm	16	Licking, OH	79.3	121.5	777.7	80.1
Huntington, WV	Cabell, WV	warm	16	Lincoln, WV	9.4	13.0	59.4	5.0
Huntington, WV	Cabell, WV	warm	16	Logan, WV	14.8	15.9	102.6	10.5
Huntington, WV	Cabell, WV	warm	16	Madison, OH	18.4	68.7	326.2	20.0
Huntington, WV	Cabell, WV	warm	16	Magoffin, KY	6.1	8.7	47.3	7.4
Huntington, WV	Cabell, WV	warm	16	Martin, KY	7.3	12.8	90.3	18.1
Huntington, WV	Cabell, WV	warm	16	Mason, KY	20.9	166.1	1171.2	4296.7
Huntington, WV	Cabell, WV	warm	16	Mason, WV	32.0	293.1	2568.4	8664.7
Huntington, WV	Cabell, WV	warm	16	Mc Dowell, WV	13.3	15.9	150.9	35.6
Huntington, WV	Cabell, WV	warm	16	Meigs, OH	16.1	16.5	226.0	35.4
Huntington, WV	Cabell, WV	warm	16	Menifee, KY	3.5	7.6	17.1	3.4
Huntington, WV	Cabell, WV	warm	16	Mercer, WV	28.9	27.6	331.2	46.6
Huntington, WV	Cabell, WV	warm	16	Mingo, WV	14.7	16.6	302.2	23.8
Huntington, WV	Cabell, WV	warm	16	Monroe, OH	16.0	35.3	259.2	359.1
Huntington, WV	Cabell, WV	warm	16	Monroe, WV	5.9	10.7	50.6	19.8
Huntington, WV	Cabell, WV	warm	16	Montgomery, KY	12.8	21.0	137.3	36.4
Huntington, WV	Cabell, WV	warm	16	Morgan, KY	7.9	11.0	46.3	11.6
Huntington, WV	Cabell, WV	warm	16	Morgan, OH	9.2	13.6	42.0	3.5
Huntington, WV	Cabell, WV	warm	16	Muskingum, OH	33.6	51.2	487.8	107.3
Huntington, WV	Cabell, WV	warm	16	Nicholas, KY	3.7	8.1	25.0	3.8
Huntington, WV	Cabell, WV	warm	16	Nicholas, WV	13.5	18.3	110.5	17.8
Huntington, WV	Cabell, WV	warm	16	Noble, OH	9.6	12.5	145.9	6.0
Huntington, WV	Cabell, WV	warm	16	Norton, VA	0.9	1.3	42.5	3.2
Huntington, WV	Cabell, WV	warm	16	Perry, KY	28.2	29.1	159.6	26.7
Huntington, WV	Cabell, WV	warm	16	Perry, OH	15.7	25.2	200.1	17.7
Huntington, WV	Cabell, WV	warm	16	Pickaway, OH	24.3	96.6	525.1	710.8
Huntington, WV	Cabell, WV	warm	16	Pike, KY	38.7	43.2	399.8	40.3
Huntington, WV	Cabell, WV	warm	16	Pike, OH	26.9	30.3	195.9	249.7
Huntington, WV	Cabell, WV	warm	16	Pleasants, WV	15.1	155.3	1559.4	6484.8
Huntington, WV	Cabell, WV	warm	16	Pocahontas, WV	6.0	9.3	39.4	29.8
Huntington, WV	Cabell, WV	warm	16	Powell, KY	6.9	9.7	227.8	28.6
Huntington, WV	Cabell, WV	warm	16	Putnam, WV	48.9	398.7	3909.8	11878.7
Huntington, WV	Cabell, WV	warm	16	Raleigh, WV	33.8	34.9	355.0	36.5
Huntington, WV	Cabell, WV	warm	16	Randolph, WV	14.3	15.2	267.9	22.7
Huntington, WV	Cabell, WV	warm	16	Ritchie, WV	4.5	9.0	74.1	13.5
Huntington, WV	Cabell, WV	warm	16	Roane, WV	6.0	10.3	62.7	9.0
Huntington, WV	Cabell, WV	warm	16	Robertson, KY	1.2	5.1	7.7	0.7
Huntington, WV	Cabell, WV	warm	16	Ross, OH	35.5	58.2	703.2	2554.1
Huntington, WV	Cabell, WV	warm	16	Rowan, KY	14.1	14.4	164.1	28.0
Huntington, WV	Cabell, WV	warm	16	Russell, VA	19.2	95.3	906.2	2777.7
Huntington, WV	Cabell, WV	warm	16	Scioto, OH	43.5	35.1	520.9	58.1
Huntington, WV	Cabell, WV	warm	16	Scott, VA	14.7	15.5	101.8	18.2
Huntington, WV	Cabell, WV	warm	16	Smyth, VA	19.4	26.5	219.4	58.7
Huntington, WV	Cabell, WV	warm	16	Summers, WV	5.9	9.6	80.1	9.7
Huntington, WV	Cabell, WV	warm	16	Tazewell, VA	21.9	23.1	186.8	30.1
Huntington, WV	Cabell, WV	warm	16	Tyler, WV	5.9	10.9	148.3	51.4
Huntington, WV	Cabell, WV	warm	16	Upshur, WV	11.8	15.3	127.2	14.5
Huntington, WV	Cabell, WV	warm	16	Vinton, OH	8.7	10.7	49.8	7.7
Huntington, WV	Cabell, WV	warm	16	Washington, OH	77.5	688.7	2544.4	17187.6
Huntington, WV	Cabell, WV	warm	16	Washington, VA	28.3	33.4	340.5	48.1
Huntington, WV	Cabell, WV	warm	16	Wayne, WV	46.7	20.5	796.7	108.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Huntington, WV	Cabell, WV	warm	16	Webster, WV	3.9	8.1	22.4	6.8
Huntington, WV	Cabell, WV	warm	16	Wirt, WV	2.5	7.2	14.0	1.9
Huntington, WV	Cabell, WV	warm	16	Wise, VA	19.8	19.6	168.7	19.6
Huntington, WV	Cabell, WV	warm	16	Wolfe, KY	3.6	6.4	25.5	4.0
Huntington, WV	Cabell, WV	warm	16	Wood, WV	43.9	54.3	613.4	652.9
Huntington, WV	Cabell, WV	warm	16	Wyoming, WV	11.9	32.7	324.1	35.6
Huntington, WV	Scioto, OH	cold	2	Adams, OH	4.7	44.9	319.1	1191.7
Huntington, WV	Scioto, OH	cold	2	Alleghany, VA	1.3	1.2	12.8	2.1
Huntington, WV	Scioto, OH	cold	2	Athens, OH	2.2	2.2	30.9	13.8
Huntington, WV	Scioto, OH	cold	2	Bath, KY	0.7	1.1	11.8	0.8
Huntington, WV	Scioto, OH	cold	2	Bath, VA	0.4	0.8	2.1	0.9
Huntington, WV	Scioto, OH	cold	2	Bland, VA	0.4	0.8	8.1	0.8
Huntington, WV	Scioto, OH	cold	2	Boone, WV	1.3	1.5	12.1	1.0
Huntington, WV	Scioto, OH	cold	2	Boyd, KY	3.9	9.6	95.5	99.1
Huntington, WV	Scioto, OH	cold	2	Bracken, KY	0.5	0.8	4.6	0.5
Huntington, WV	Scioto, OH	cold	2	Braxton, WV	1.0	1.4	16.1	2.3
Huntington, WV	Scioto, OH	cold	2	Breathitt, KY	0.8	0.9	4.6	0.8
Huntington, WV	Scioto, OH	cold	2	Brown, OH	2.3	3.8	24.7	3.1
Huntington, WV	Scioto, OH	cold	2	Buchanan, VA	1.4	3.7	14.7	49.8
Huntington, WV	Scioto, OH	cold	2	Cabell, WV	4.1	4.7	100.4	41.1
Huntington, WV	Scioto, OH	cold	2	Calhoun, WV	0.3	0.7	7.5	0.3
Huntington, WV	Scioto, OH	cold	2	Carter, KY	1.4	2.1	22.3	1.5
Huntington, WV	Scioto, OH	cold	2	Clay, WV	0.5	0.9	2.9	0.4
Huntington, WV	Scioto, OH	cold	2	Clermont, OH	6.9	38.7	337.2	852.3
Huntington, WV	Scioto, OH	cold	2	Clinton, OH	2.1	4.2	25.8	1.9
Huntington, WV	Scioto, OH	cold	2	Dickenson, VA	0.8	1.1	5.8	1.0
Huntington, WV	Scioto, OH	cold	2	Doddridge, WV	0.3	0.7	9.1	0.5
Huntington, WV	Scioto, OH	cold	2	Elliott, KY	0.3	0.6	1.5	0.2
Huntington, WV	Scioto, OH	cold	2	Fairfield, OH	3.7	6.5	56.1	4.2
Huntington, WV	Scioto, OH	cold	2	Fayette, OH	1.4	4.4	20.8	1.5
Huntington, WV	Scioto, OH	cold	2	Fayette, WV	2.5	3.3	42.6	33.9
Huntington, WV	Scioto, OH	cold	2	Fleming, KY	0.7	1.1	4.6	1.0
Huntington, WV	Scioto, OH	cold	2	Floyd, KY	2.0	2.2	21.6	1.5
Huntington, WV	Scioto, OH	cold	2	Franklin, OH	12.5	9.5	355.7	38.6
Huntington, WV	Scioto, OH	cold	2	Gallia, OH	4.7	54.0	556.9	950.0
Huntington, WV	Scioto, OH	cold	2	Giles, VA	1.5	8.5	90.9	188.2
Huntington, WV	Scioto, OH	cold	2	Gilmer, WV	0.3	0.7	10.3	0.8
Huntington, WV	Scioto, OH	cold	2	Greenbrier, WV	2.0	1.9	19.6	2.7
Huntington, WV	Scioto, OH	cold	2	Greene, OH	2.5	6.3	80.2	17.0
Huntington, WV	Scioto, OH	cold	2	Greenup, KY	1.4	1.5	38.7	20.6
Huntington, WV	Scioto, OH	cold	2	Harlan, KY	1.5	1.7	7.5	2.2
Huntington, WV	Scioto, OH	cold	2	Highland, OH	2.1	3.8	14.6	1.2
Huntington, WV	Scioto, OH	cold	2	Hocking, OH	1.6	1.8	20.2	2.2
Huntington, WV	Scioto, OH	cold	2	Jackson, OH	1.6	1.7	9.7	1.4
Huntington, WV	Scioto, OH	cold	2	Jackson, WV	1.8	5.5	28.6	31.4
Huntington, WV	Scioto, OH	cold	2	Johnson, KY	1.1	1.3	9.7	1.3
Huntington, WV	Scioto, OH	cold	2	Kanawha, WV	8.1	9.9	226.3	204.1
Huntington, WV	Scioto, OH	cold	2	Knott, KY	1.0	1.2	11.2	0.6
Huntington, WV	Scioto, OH	cold	2	Lawrence, KY	1.9	19.4	129.8	474.0
Huntington, WV	Scioto, OH	cold	2	Lawrence, OH	6.3	3.6	35.6	5.4
Huntington, WV	Scioto, OH	cold	2	Lee, KY	0.4	0.6	3.6	0.5
Huntington, WV	Scioto, OH	cold	2	Lee, VA	1.2	1.5	8.3	1.3
Huntington, WV	Scioto, OH	cold	2	Letcher, KY	1.3	1.7	8.5	1.3
Huntington, WV	Scioto, OH	cold	2	Lewis, KY	1.3	1.3	27.8	4.6
Huntington, WV	Scioto, OH	cold	2	Lewis, WV	0.7	1.0	33.5	3.3
Huntington, WV	Scioto, OH	cold	2	Licking, OH	7.2	11.0	70.2	7.2
Huntington, WV	Scioto, OH	cold	2	Lincoln, WV	0.8	1.2	5.4	0.5
Huntington, WV	Scioto, OH	cold	2	Logan, WV	1.3	1.4	9.3	0.9
Huntington, WV	Scioto, OH	cold	2	Madison, OH	1.7	6.2	29.4	1.8
Huntington, WV	Scioto, OH	cold	2	Magoffin, KY	0.5	0.8	4.3	0.7
Huntington, WV	Scioto, OH	cold	2	Martin, KY	0.7	1.2	8.1	1.6
Huntington, WV	Scioto, OH	cold	2	Mason, KY	1.9	15.0	105.7	387.6
Huntington, WV	Scioto, OH	cold	2	Mason, WV	2.9	26.4	231.7	781.7
Huntington, WV	Scioto, OH	cold	2	Mc Dowell, WV	1.2	1.4	13.6	3.2
Huntington, WV	Scioto, OH	cold	2	Meigs, OH	1.5	1.5	20.4	3.2
Huntington, WV	Scioto, OH	cold	2	Menifee, KY	0.3	0.7	1.5	0.3
Huntington, WV	Scioto, OH	cold	2	Mercer, WV	2.6	2.5	29.9	4.2
Huntington, WV	Scioto, OH	cold	2	Mingo, WV	1.3	1.5	27.3	2.2
Huntington, WV	Scioto, OH	cold	2	Monroe, OH	1.4	3.2	23.4	32.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Huntington, WV	Scioto, OH	cold	2	Monroe, WV	0.5	1.0	4.6	1.8
Huntington, WV	Scioto, OH	cold	2	Montgomery, KY	1.2	1.9	12.4	3.3
Huntington, WV	Scioto, OH	cold	2	Morgan, KY	0.7	1.0	4.2	1.1
Huntington, WV	Scioto, OH	cold	2	Morgan, OH	0.8	1.2	3.8	0.3
Huntington, WV	Scioto, OH	cold	2	Muskingum, OH	3.0	4.6	44.0	9.7
Huntington, WV	Scioto, OH	cold	2	Nicholas, KY	0.3	0.7	2.3	0.3
Huntington, WV	Scioto, OH	cold	2	Nicholas, WV	1.2	1.6	10.0	1.6
Huntington, WV	Scioto, OH	cold	2	Noble, OH	0.9	1.1	13.2	0.5
Huntington, WV	Scioto, OH	cold	2	Norton, VA	0.1	0.1	3.8	0.3
Huntington, WV	Scioto, OH	cold	2	Perry, KY	2.5	2.6	14.4	2.4
Huntington, WV	Scioto, OH	cold	2	Perry, OH	1.4	2.3	18.0	1.6
Huntington, WV	Scioto, OH	cold	2	Pickaway, OH	2.2	8.7	47.4	64.1
Huntington, WV	Scioto, OH	cold	2	Pike, KY	3.5	3.9	36.1	3.6
Huntington, WV	Scioto, OH	cold	2	Pike, OH	2.4	2.7	17.7	22.5
Huntington, WV	Scioto, OH	cold	2	Pleasants, WV	1.4	14.0	140.7	585.0
Huntington, WV	Scioto, OH	cold	2	Pocahontas, WV	0.5	0.8	3.6	2.7
Huntington, WV	Scioto, OH	cold	2	Powell, KY	0.6	0.9	20.5	2.6
Huntington, WV	Scioto, OH	cold	2	Putnam, WV	4.4	36.0	352.7	1071.6
Huntington, WV	Scioto, OH	cold	2	Raleigh, WV	3.1	3.1	32.0	3.3
Huntington, WV	Scioto, OH	cold	2	Randolph, WV	1.3	1.4	24.2	2.0
Huntington, WV	Scioto, OH	cold	2	Ritchie, WV	0.4	0.8	6.7	1.2
Huntington, WV	Scioto, OH	cold	2	Roane, WV	0.5	0.9	5.7	0.8
Huntington, WV	Scioto, OH	cold	2	Robertson, KY	0.1	0.5	0.7	0.1
Huntington, WV	Scioto, OH	cold	2	Ross, OH	3.2	5.3	63.4	230.4
Huntington, WV	Scioto, OH	cold	2	Rowan, KY	1.3	1.3	14.8	2.5
Huntington, WV	Scioto, OH	cold	2	Russell, VA	1.7	8.6	81.8	250.6
Huntington, WV	Scioto, OH	cold	2	Scioto, OH	3.9	3.2	47.0	5.2
Huntington, WV	Scioto, OH	cold	2	Scott, VA	1.3	1.4	9.2	1.6
Huntington, WV	Scioto, OH	cold	2	Smyth, VA	1.7	2.4	19.8	5.3
Huntington, WV	Scioto, OH	cold	2	Summers, WV	0.5	0.9	7.2	0.9
Huntington, WV	Scioto, OH	cold	2	Tazewell, VA	2.0	2.1	16.9	2.7
Huntington, WV	Scioto, OH	cold	2	Tyler, WV	0.5	1.0	13.4	4.6
Huntington, WV	Scioto, OH	cold	2	Upshur, WV	1.1	1.4	11.5	1.3
Huntington, WV	Scioto, OH	cold	2	Vinton, OH	0.8	1.0	4.5	0.7
Huntington, WV	Scioto, OH	cold	2	Washington, OH	7.0	62.1	229.5	1550.5
Huntington, WV	Scioto, OH	cold	2	Washington, VA	2.6	3.0	30.7	4.3
Huntington, WV	Scioto, OH	cold	2	Wayne, WV	4.2	1.9	71.9	9.8
Huntington, WV	Scioto, OH	cold	2	Webster, WV	0.3	0.7	2.0	0.6
Huntington, WV	Scioto, OH	cold	2	Wirt, WV	0.2	0.7	1.3	0.2
Huntington, WV	Scioto, OH	cold	2	Wise, VA	1.8	1.8	15.2	1.8
Huntington, WV	Scioto, OH	cold	2	Wolfe, KY	0.3	0.6	2.3	0.4
Huntington, WV	Scioto, OH	cold	2	Wood, WV	4.0	4.9	55.3	58.9
Huntington, WV	Scioto, OH	cold	2	Wyoming, WV	1.1	3.0	29.2	3.2
Huntington, WV	Scioto, OH	warm	18	Adams, OH	58.1	560.0	3979.1	14860.8
Huntington, WV	Scioto, OH	warm	18	Alleghany, VA	15.6	14.4	159.6	26.4
Huntington, WV	Scioto, OH	warm	18	Athens, OH	26.8	26.8	385.2	171.6
Huntington, WV	Scioto, OH	warm	18	Bath, KY	8.3	13.7	147.0	10.1
Huntington, WV	Scioto, OH	warm	18	Bath, VA	4.9	9.4	26.3	11.3
Huntington, WV	Scioto, OH	warm	18	Bland, VA	5.2	10.2	101.6	9.5
Huntington, WV	Scioto, OH	warm	18	Boone, WV	15.7	18.6	150.8	12.2
Huntington, WV	Scioto, OH	warm	18	Boyd, KY	48.4	120.3	1191.0	1235.4
Huntington, WV	Scioto, OH	warm	18	Bracken, KY	5.8	10.2	57.9	6.2
Huntington, WV	Scioto, OH	warm	18	Braxton, WV	12.4	17.2	200.2	28.5
Huntington, WV	Scioto, OH	warm	18	Breathitt, KY	10.1	11.8	56.8	10.1
Huntington, WV	Scioto, OH	warm	18	Brown, OH	29.2	47.4	308.5	39.1
Huntington, WV	Scioto, OH	warm	18	Buchanan, VA	18.0	46.1	183.5	620.9
Huntington, WV	Scioto, OH	warm	18	Cabell, WV	51.0	58.9	1252.3	512.4
Huntington, WV	Scioto, OH	warm	18	Calhoun, WV	3.2	8.7	93.3	4.4
Huntington, WV	Scioto, OH	warm	18	Carter, KY	17.0	25.9	278.2	18.8
Huntington, WV	Scioto, OH	warm	18	Clay, WV	5.9	10.9	36.6	5.1
Huntington, WV	Scioto, OH	warm	18	Clermont, OH	86.3	483.1	4205.6	10628.4
Huntington, WV	Scioto, OH	warm	18	Clinton, OH	25.8	52.5	322.2	23.3
Huntington, WV	Scioto, OH	warm	18	Dickenson, VA	10.4	13.5	72.4	12.9
Huntington, WV	Scioto, OH	warm	18	Doddridge, WV	3.3	8.8	113.3	6.2
Huntington, WV	Scioto, OH	warm	18	Elliott, KY	3.5	6.9	18.7	2.8
Huntington, WV	Scioto, OH	warm	18	Fairfield, OH	45.8	80.6	699.0	52.9
Huntington, WV	Scioto, OH	warm	18	Fayette, OH	17.0	55.4	259.0	18.3
Huntington, WV	Scioto, OH	warm	18	Fayette, WV	31.0	40.6	531.0	423.0
Huntington, WV	Scioto, OH	warm	18	Fleming, KY	9.0	14.1	57.9	11.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Huntington, WV	Scioto, OH	warm	18	Floyd, KY	25.3	27.4	269.7	19.0
Huntington, WV	Scioto, OH	warm	18	Franklin, OH	156.1	118.5	4436.1	481.7
Huntington, WV	Scioto, OH	warm	18	Gallia, OH	58.7	673.3	6945.3	11847.6
Huntington, WV	Scioto, OH	warm	18	Giles, VA	18.6	105.6	1133.1	2346.5
Huntington, WV	Scioto, OH	warm	18	Gilmer, WV	4.2	9.2	128.9	9.8
Huntington, WV	Scioto, OH	warm	18	Greenbrier, WV	25.3	24.1	243.9	33.2
Huntington, WV	Scioto, OH	warm	18	Greene, OH	31.1	78.5	999.9	211.6
Huntington, WV	Scioto, OH	warm	18	Greenup, KY	17.7	18.5	482.6	256.8
Huntington, WV	Scioto, OH	warm	18	Harlan, KY	18.5	20.8	93.5	27.9
Huntington, WV	Scioto, OH	warm	18	Highland, OH	25.8	47.0	182.2	15.5
Huntington, WV	Scioto, OH	warm	18	Hocking, OH	19.3	22.2	252.2	27.1
Huntington, WV	Scioto, OH	warm	18	Jackson, OH	20.1	21.8	121.3	17.5
Huntington, WV	Scioto, OH	warm	18	Jackson, WV	22.2	68.1	357.2	391.3
Huntington, WV	Scioto, OH	warm	18	Johnson, KY	13.9	16.3	121.0	16.5
Huntington, WV	Scioto, OH	warm	18	Kanawha, WV	100.8	123.7	2821.7	2545.1
Huntington, WV	Scioto, OH	warm	18	Knott, KY	12.6	15.4	139.8	7.8
Huntington, WV	Scioto, OH	warm	18	Lawrence, KY	23.4	242.3	1619.0	5910.5
Huntington, WV	Scioto, OH	warm	18	Lawrence, OH	79.1	45.2	443.4	67.5
Huntington, WV	Scioto, OH	warm	18	Lee, KY	5.3	8.0	45.0	6.4
Huntington, WV	Scioto, OH	warm	18	Lee, VA	15.3	18.9	104.1	16.6
Huntington, WV	Scioto, OH	warm	18	Letcher, KY	16.6	21.3	106.3	15.7
Huntington, WV	Scioto, OH	warm	18	Lewis, KY	16.3	16.8	347.2	57.8
Huntington, WV	Scioto, OH	warm	18	Lewis, WV	8.4	12.1	417.9	40.7
Huntington, WV	Scioto, OH	warm	18	Licking, OH	89.2	136.7	874.9	90.1
Huntington, WV	Scioto, OH	warm	18	Lincoln, WV	10.5	14.7	66.9	5.6
Huntington, WV	Scioto, OH	warm	18	Logan, WV	16.7	17.8	115.4	11.8
Huntington, WV	Scioto, OH	warm	18	Madison, OH	20.7	77.3	367.0	22.4
Huntington, WV	Scioto, OH	warm	18	Magoffin, KY	6.8	9.8	53.2	8.3
Huntington, WV	Scioto, OH	warm	18	Martin, KY	8.2	14.3	101.5	20.4
Huntington, WV	Scioto, OH	warm	18	Mason, KY	23.6	186.9	1317.6	4833.8
Huntington, WV	Scioto, OH	warm	18	Mason, WV	36.0	329.7	2889.5	9747.8
Huntington, WV	Scioto, OH	warm	18	Mc Dowell, WV	15.0	17.9	169.8	40.1
Huntington, WV	Scioto, OH	warm	18	Meigs, OH	18.2	18.5	254.3	39.8
Huntington, WV	Scioto, OH	warm	18	Menifee, KY	4.0	8.6	19.2	3.8
Huntington, WV	Scioto, OH	warm	18	Mercer, WV	32.5	31.0	372.6	52.5
Huntington, WV	Scioto, OH	warm	18	Mingo, WV	16.6	18.7	340.0	26.8
Huntington, WV	Scioto, OH	warm	18	Monroe, OH	18.0	39.8	291.6	404.0
Huntington, WV	Scioto, OH	warm	18	Monroe, WV	6.7	12.1	56.9	22.3
Huntington, WV	Scioto, OH	warm	18	Montgomery, KY	14.4	23.6	154.5	40.9
Huntington, WV	Scioto, OH	warm	18	Morgan, KY	8.9	12.4	52.1	13.1
Huntington, WV	Scioto, OH	warm	18	Morgan, OH	10.4	15.3	47.2	4.0
Huntington, WV	Scioto, OH	warm	18	Muskingum, OH	37.8	57.6	548.8	120.7
Huntington, WV	Scioto, OH	warm	18	Nicholas, KY	4.2	9.1	28.2	4.3
Huntington, WV	Scioto, OH	warm	18	Nicholas, WV	15.2	20.6	124.4	20.0
Huntington, WV	Scioto, OH	warm	18	Noble, OH	10.8	14.0	164.1	6.7
Huntington, WV	Scioto, OH	warm	18	Norton, VA	1.0	1.5	47.8	3.6
Huntington, WV	Scioto, OH	warm	18	Perry, KY	31.7	32.8	179.6	30.0
Huntington, WV	Scioto, OH	warm	18	Perry, OH	17.6	28.3	225.1	19.9
Huntington, WV	Scioto, OH	warm	18	Pickaway, OH	27.4	108.6	590.8	799.7
Huntington, WV	Scioto, OH	warm	18	Pike, KY	43.5	48.6	449.8	45.4
Huntington, WV	Scioto, OH	warm	18	Pike, OH	30.2	34.1	220.4	280.9
Huntington, WV	Scioto, OH	warm	18	Pleasants, WV	17.0	174.7	1754.4	7295.4
Huntington, WV	Scioto, OH	warm	18	Pocahontas, WV	6.8	10.5	44.3	33.6
Huntington, WV	Scioto, OH	warm	18	Powell, KY	7.7	10.9	256.3	32.2
Huntington, WV	Scioto, OH	warm	18	Putnam, WV	55.0	448.6	4398.5	13363.5
Huntington, WV	Scioto, OH	warm	18	Raleigh, WV	38.0	39.3	399.4	41.0
Huntington, WV	Scioto, OH	warm	18	Randolph, WV	16.1	17.1	301.4	25.5
Huntington, WV	Scioto, OH	warm	18	Ritchie, WV	5.1	10.2	83.4	15.2
Huntington, WV	Scioto, OH	warm	18	Roane, WV	6.7	11.6	70.5	10.2
Huntington, WV	Scioto, OH	warm	18	Robertson, KY	1.4	5.7	8.6	0.8
Huntington, WV	Scioto, OH	warm	18	Ross, OH	39.9	65.5	791.1	2873.4
Huntington, WV	Scioto, OH	warm	18	Rowan, KY	15.8	16.2	184.6	31.5
Huntington, WV	Scioto, OH	warm	18	Russell, VA	21.6	107.3	1019.5	3125.0
Huntington, WV	Scioto, OH	warm	18	Scioto, OH	48.9	39.5	586.0	65.3
Huntington, WV	Scioto, OH	warm	18	Scott, VA	16.6	17.4	114.6	20.5
Huntington, WV	Scioto, OH	warm	18	Smyth, VA	21.8	29.8	246.9	66.0
Huntington, WV	Scioto, OH	warm	18	Summers, WV	6.7	10.8	90.1	10.9
Huntington, WV	Scioto, OH	warm	18	Tazewell, VA	24.6	26.0	210.2	33.8
Huntington, WV	Scioto, OH	warm	18	Tyler, WV	6.6	12.2	166.9	57.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Huntington, WV	Scioto, OH	warm	18	Upshur, WV	13.2	17.2	143.1	16.4
Huntington, WV	Scioto, OH	warm	18	Vinton, OH	9.8	12.1	56.0	8.6
Huntington, WV	Scioto, OH	warm	18	Washington, OH	87.1	774.8	2862.4	19336.1
Huntington, WV	Scioto, OH	warm	18	Washington, VA	31.9	37.5	383.0	54.1
Huntington, WV	Scioto, OH	warm	18	Wayne, WV	52.5	23.1	896.3	122.5
Huntington, WV	Scioto, OH	warm	18	Webster, WV	4.4	9.1	25.2	7.6
Huntington, WV	Scioto, OH	warm	18	Wirt, WV	2.8	8.2	15.8	2.2
Huntington, WV	Scioto, OH	warm	18	Wise, VA	22.3	22.1	189.8	22.0
Huntington, WV	Scioto, OH	warm	18	Wolfe, KY	4.1	7.2	28.6	4.5
Huntington, WV	Scioto, OH	warm	18	Wood, WV	49.4	61.1	690.1	734.5
Huntington, WV	Scioto, OH	warm	18	Wyoming, WV	13.4	36.8	364.6	40.0
Imperial County, CA	Imperial, CA	cold	16	Alpine, CA	6.4	2.9	9.8	1.3
Imperial County, CA	Imperial, CA	cold	16	Apache, AZ	46.1	176.0	1988.0	1563.7
Imperial County, CA	Imperial, CA	cold	16	Beaver, UT	13.1	10.8	117.1	17.1
Imperial County, CA	Imperial, CA	cold	16	Catron, NM	192.3	126.0	39.6	20.4
Imperial County, CA	Imperial, CA	cold	16	Churchill, NV	14.9	42.0	150.4	19.9
Imperial County, CA	Imperial, CA	cold	16	Cibola, NM	16.0	43.1	279.3	17.0
Imperial County, CA	Imperial, CA	cold	16	Clark, NV	1168.1	882.9	5449.4	4060.9
Imperial County, CA	Imperial, CA	cold	16	Cochise, AZ	37.4	83.9	1219.0	280.2
Imperial County, CA	Imperial, CA	cold	16	Coconino, AZ	128.7	274.6	3481.1	348.4
Imperial County, CA	Imperial, CA	cold	16	Dolores, CO	18.1	17.7	27.1	2.3
Imperial County, CA	Imperial, CA	cold	16	Douglas, NV	25.5	55.2	166.0	54.9
Imperial County, CA	Imperial, CA	cold	16	Elko, NV	150.7	116.7	486.9	57.9
Imperial County, CA	Imperial, CA	cold	16	Emery, UT	13.8	181.9	2254.6	1805.7
Imperial County, CA	Imperial, CA	cold	16	Esmeralda, NV	0.7	14.1	8.0	4.5
Imperial County, CA	Imperial, CA	cold	16	Eureka, NV	7.5	24.0	106.5	28.8
Imperial County, CA	Imperial, CA	cold	16	Fresno, CA	341.4	282.0	2748.0	430.0
Imperial County, CA	Imperial, CA	cold	16	Garfield, UT	26.9	17.6	37.7	10.0
Imperial County, CA	Imperial, CA	cold	16	Gila, AZ	147.6	101.2	150.2	1419.0
Imperial County, CA	Imperial, CA	cold	16	Graham, AZ	11.0	32.1	75.3	4.1
Imperial County, CA	Imperial, CA	cold	16	Grand, UT	7.1	6.2	117.0	4.4
Imperial County, CA	Imperial, CA	cold	16	Grant, NM	17.5	130.7	173.7	30.4
Imperial County, CA	Imperial, CA	cold	16	Greenlee, AZ	46.4	78.8	38.4	11.8
Imperial County, CA	Imperial, CA	cold	16	Hidalgo, NM	5.6	37.1	141.0	6.0
Imperial County, CA	Imperial, CA	cold	16	Imperial, CA	62.7	188.3	939.3	163.9
Imperial County, CA	Imperial, CA	cold	16	Inyo, CA	29.3	71.2	91.0	19.0
Imperial County, CA	Imperial, CA	cold	16	Iron, UT	11.0	15.0	265.5	41.1
Imperial County, CA	Imperial, CA	cold	16	Juab, UT	9.2	21.2	274.9	23.0
Imperial County, CA	Imperial, CA	cold	16	Kane, UT	7.5	7.4	32.7	7.8
Imperial County, CA	Imperial, CA	cold	16	Kern, CA	240.4	227.9	4618.2	258.7
Imperial County, CA	Imperial, CA	cold	16	Kings, CA	34.5	59.2	511.1	45.3
Imperial County, CA	Imperial, CA	cold	16	La Paz, AZ	31.1	34.0	231.3	15.1
Imperial County, CA	Imperial, CA	cold	16	Lander, NV	5.3	19.1	71.4	6.9
Imperial County, CA	Imperial, CA	cold	16	Lincoln, NV	568.8	308.2	191.5	70.5
Imperial County, CA	Imperial, CA	cold	16	Los Angeles, CA	813.6	391.1	20601.6	2386.4
Imperial County, CA	Imperial, CA	cold	16	Luna, NM	14.3	69.8	306.9	16.6
Imperial County, CA	Imperial, CA	cold	16	Lyon, NV	17.7	57.4	549.7	49.6
Imperial County, CA	Imperial, CA	cold	16	Madera, CA	80.9	69.8	813.0	58.0
Imperial County, CA	Imperial, CA	cold	16	Maricopa, AZ	1057.4	703.3	8293.4	464.5
Imperial County, CA	Imperial, CA	cold	16	McKinley, NM	42.3	182.0	1217.4	215.7
Imperial County, CA	Imperial, CA	cold	16	Merced, CA	62.1	80.6	1013.4	75.3
Imperial County, CA	Imperial, CA	cold	16	Mesa, CO	40.8	70.8	470.4	259.3
Imperial County, CA	Imperial, CA	cold	16	Millard, UT	26.6	147.4	2216.3	333.2
Imperial County, CA	Imperial, CA	cold	16	Mineral, NV	2.3	31.8	15.0	1.7
Imperial County, CA	Imperial, CA	cold	16	Mohave, AZ	330.0	201.7	1031.7	95.7
Imperial County, CA	Imperial, CA	cold	16	Mono, CA	22.4	42.2	58.1	2.0
Imperial County, CA	Imperial, CA	cold	16	Monterey, CA	94.8	90.5	1414.7	417.9
Imperial County, CA	Imperial, CA	cold	16	Montezuma, CO	28.3	25.6	101.9	8.0
Imperial County, CA	Imperial, CA	cold	16	Montrose, CO	15.7	39.0	239.6	114.9
Imperial County, CA	Imperial, CA	cold	16	Navajo, AZ	61.9	232.9	1884.3	1815.2
Imperial County, CA	Imperial, CA	cold	16	Nye, NV	101.5	67.3	111.9	37.2
Imperial County, CA	Imperial, CA	cold	16	Orange, CA	246.5	116.4	4786.2	690.5
Imperial County, CA	Imperial, CA	cold	16	Pima, AZ	126.6	184.9	2288.7	462.8
Imperial County, CA	Imperial, CA	cold	16	Pinal, AZ	124.5	242.1	944.0	58.4
Imperial County, CA	Imperial, CA	cold	16	Piute, UT	20.7	11.6	12.9	5.0
Imperial County, CA	Imperial, CA	cold	16	Riverside, CA	218.8	175.3	4394.6	335.9
Imperial County, CA	Imperial, CA	cold	16	San Benito, CA	12.8	27.2	188.1	47.3
Imperial County, CA	Imperial, CA	cold	16	San Bernardino, CA	381.5	491.1	7288.9	286.2
Imperial County, CA	Imperial, CA	cold	16	San Diego, CA	458.4	362.7	5944.2	616.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Imperial County, CA	Imperial, CA	cold	16	San Juan, NM	71.9	597.3	6477.1	2311.2
Imperial County, CA	Imperial, CA	cold	16	San Juan, UT	26.8	18.4	123.3	122.9
Imperial County, CA	Imperial, CA	cold	16	San Luis Obispo, CA	88.2	89.7	714.3	304.8
Imperial County, CA	Imperial, CA	cold	16	San Miguel, CO	10.3	7.2	48.7	3.8
Imperial County, CA	Imperial, CA	cold	16	Sanpete, UT	28.8	22.4	72.7	33.1
Imperial County, CA	Imperial, CA	cold	16	Santa Barbara, CA	120.7	49.2	2068.5	789.5
Imperial County, CA	Imperial, CA	cold	16	Santa Cruz, AZ	21.7	25.4	114.8	8.7
Imperial County, CA	Imperial, CA	cold	16	Sevier, UT	16.2	16.0	138.8	34.7
Imperial County, CA	Imperial, CA	cold	16	Tooele, UT	54.7	74.6	406.3	39.6
Imperial County, CA	Imperial, CA	cold	16	Tulare, CA	138.3	134.3	1349.5	111.4
Imperial County, CA	Imperial, CA	cold	16	Tuolumne, CA	72.5	51.3	264.3	20.1
Imperial County, CA	Imperial, CA	cold	16	Ventura, CA	142.1	69.6	1691.3	229.5
Imperial County, CA	Imperial, CA	cold	16	Washington, UT	207.9	139.8	381.4	55.6
Imperial County, CA	Imperial, CA	cold	16	Wayne, UT	1.4	3.8	15.2	11.8
Imperial County, CA	Imperial, CA	cold	16	White Pine, NV	6.3	20.0	36.0	2.8
Imperial County, CA	Imperial, CA	cold	16	Yavapai, AZ	437.3	283.1	1026.4	152.7
Imperial County, CA	Imperial, CA	cold	16	Yuma, AZ	55.1	97.0	704.1	43.9
Indianpolis, IN	Marion, IN	cold	14	Adams, IN	4.0	19.6	49.6	29.3
Indianpolis, IN	Marion, IN	cold	14	Allen, IN	16.3	51.9	361.3	94.2
Indianpolis, IN	Marion, IN	cold	14	Bartholomew, IN	5.3	21.7	78.7	33.6
Indianpolis, IN	Marion, IN	cold	14	Benton, IN	2.1	17.3	19.5	2.8
Indianpolis, IN	Marion, IN	cold	14	Blackford, IN	1.4	5.7	17.5	5.2
Indianpolis, IN	Marion, IN	cold	14	Boone, IN	4.5	19.7	82.7	9.4
Indianpolis, IN	Marion, IN	cold	14	Boone, KY	14.5	22.1	255.9	126.9
Indianpolis, IN	Marion, IN	cold	14	Brown, IN	2.3	3.2	16.4	1.4
Indianpolis, IN	Marion, IN	cold	14	Butler, OH	13.3	34.4	392.9	250.9
Indianpolis, IN	Marion, IN	cold	14	Carroll, IN	2.6	18.1	32.8	6.9
Indianpolis, IN	Marion, IN	cold	14	Carroll, KY	6.0	49.0	411.4	1199.4
Indianpolis, IN	Marion, IN	cold	14	Cass, IN	3.8	23.6	106.1	113.4
Indianpolis, IN	Marion, IN	cold	14	Clark, IL	3.3	11.9	39.2	2.4
Indianpolis, IN	Marion, IN	cold	14	Clark, IN	8.0	21.5	135.6	95.3
Indianpolis, IN	Marion, IN	cold	14	Clay, IN	4.0	13.2	39.5	6.0
Indianpolis, IN	Marion, IN	cold	14	Clinton, IN	3.1	21.0	55.0	17.5
Indianpolis, IN	Marion, IN	cold	14	Crawford, IL	4.8	36.5	104.4	324.4
Indianpolis, IN	Marion, IN	cold	14	Crawford, IN	3.6	3.4	92.6	13.2
Indianpolis, IN	Marion, IN	cold	14	Darke, OH	5.7	19.1	58.3	5.1
Indianpolis, IN	Marion, IN	cold	14	Daviess, IN	4.3	17.0	38.4	7.4
Indianpolis, IN	Marion, IN	cold	14	Dearborn, IN	6.8	51.2	303.8	1129.9
Indianpolis, IN	Marion, IN	cold	14	Decatur, IN	3.4	19.2	54.8	15.0
Indianpolis, IN	Marion, IN	cold	14	Delaware, IN	5.5	20.5	118.2	50.8
Indianpolis, IN	Marion, IN	cold	14	Dubois, IN	5.4	21.2	81.1	50.3
Indianpolis, IN	Marion, IN	cold	14	Edgar, IL	3.4	18.8	35.9	3.4
Indianpolis, IN	Marion, IN	cold	14	Fayette, IN	2.0	10.0	28.0	11.4
Indianpolis, IN	Marion, IN	cold	14	Floyd, IN	6.7	60.5	192.7	1356.1
Indianpolis, IN	Marion, IN	cold	14	Fountain, IN	2.5	14.4	40.6	7.5
Indianpolis, IN	Marion, IN	cold	14	Franklin, IN	2.8	7.6	28.9	3.8
Indianpolis, IN	Marion, IN	cold	14	Fulton, IN	2.5	12.1	26.2	7.4
Indianpolis, IN	Marion, IN	cold	14	Gallatin, KY	2.0	4.6	52.4	8.8
Indianpolis, IN	Marion, IN	cold	14	Gibson, IN	9.9	129.1	770.2	3650.5
Indianpolis, IN	Marion, IN	cold	14	Grant, IN	4.3	21.8	87.9	26.8
Indianpolis, IN	Marion, IN	cold	14	Greene, IN	3.3	9.7	36.9	6.0
Indianpolis, IN	Marion, IN	cold	14	Hamilton, IN	10.2	30.5	188.4	28.9
Indianpolis, IN	Marion, IN	cold	14	Hamilton, OH	29.3	106.8	1180.7	2078.7
Indianpolis, IN	Marion, IN	cold	14	Hancock, IN	4.0	17.9	74.2	10.1
Indianpolis, IN	Marion, IN	cold	14	Harrison, IN	5.6	11.4	80.7	15.9
Indianpolis, IN	Marion, IN	cold	14	Hendricks, IN	7.5	23.7	136.8	14.2
Indianpolis, IN	Marion, IN	cold	14	Henry, IN	4.1	22.1	77.8	10.7
Indianpolis, IN	Marion, IN	cold	14	Howard, IN	4.2	30.7	76.3	56.2
Indianpolis, IN	Marion, IN	cold	14	Huntington, IN	3.8	17.1	73.2	16.6
Indianpolis, IN	Marion, IN	cold	14	Iroquois, IL	7.2	35.0	86.9	6.4
Indianpolis, IN	Marion, IN	cold	14	Jackson, IN	5.4	14.7	79.6	19.1
Indianpolis, IN	Marion, IN	cold	14	Jasper, IN	6.6	50.4	474.1	960.5
Indianpolis, IN	Marion, IN	cold	14	Jay, IN	2.6	15.4	32.2	15.4
Indianpolis, IN	Marion, IN	cold	14	Jefferson, IN	4.0	22.9	594.7	1776.4
Indianpolis, IN	Marion, IN	cold	14	Jennings, IN	13.6	23.2	149.8	183.1
Indianpolis, IN	Marion, IN	cold	14	Johnson, IN	5.2	19.9	110.9	22.3
Indianpolis, IN	Marion, IN	cold	14	Knox, IN	4.2	24.3	89.5	175.1
Indianpolis, IN	Marion, IN	cold	14	Kosciusko, IN	7.2	32.0	113.9	40.6
Indianpolis, IN	Marion, IN	cold	14	Lawrence, IL	2.1	9.6	22.3	1.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Indianpolis, IN	Marion, IN	cold	14	Lawrence, IN	5.0	14.1	158.5	107.0
Indianpolis, IN	Marion, IN	cold	14	Madison, IN	6.2	27.5	128.0	32.2
Indianpolis, IN	Marion, IN	cold	14	Marion, IN	29.4	110.1	888.5	1436.3
Indianpolis, IN	Marion, IN	cold	14	Martin, IN	1.7	5.0	19.7	2.5
Indianpolis, IN	Marion, IN	cold	14	Mercer, OH	4.3	14.0	37.2	3.5
Indianpolis, IN	Marion, IN	cold	14	Miami, IN	3.0	16.8	42.1	11.4
Indianpolis, IN	Marion, IN	cold	14	Miami, OH	5.3	14.2	94.0	7.1
Indianpolis, IN	Marion, IN	cold	14	Monroe, IN	6.9	18.8	89.9	93.8
Indianpolis, IN	Marion, IN	cold	14	Montgomery, IN	6.0	23.6	86.2	30.3
Indianpolis, IN	Marion, IN	cold	14	Montgomery, OH	15.0	20.3	497.9	223.3
Indianpolis, IN	Marion, IN	cold	14	Morgan, IN	5.7	29.7	156.7	448.5
Indianpolis, IN	Marion, IN	cold	14	Newton, IN	4.0	14.0	27.5	4.7
Indianpolis, IN	Marion, IN	cold	14	Ohio, IN	0.7	2.0	15.1	2.4
Indianpolis, IN	Marion, IN	cold	14	Orange, IN	2.5	6.7	33.7	5.1
Indianpolis, IN	Marion, IN	cold	14	Owen, IN	2.5	6.0	26.1	4.4
Indianpolis, IN	Marion, IN	cold	14	Parke, IN	2.0	8.9	52.8	2.6
Indianpolis, IN	Marion, IN	cold	14	Pike, IN	3.8	46.6	447.9	1246.1
Indianpolis, IN	Marion, IN	cold	14	Preble, OH	5.3	11.9	64.6	4.0
Indianpolis, IN	Marion, IN	cold	14	Pulaski, IN	2.6	8.6	23.1	4.1
Indianpolis, IN	Marion, IN	cold	14	Putnam, IN	4.1	12.4	111.0	16.5
Indianpolis, IN	Marion, IN	cold	14	Randolph, IN	4.2	17.8	61.0	16.1
Indianpolis, IN	Marion, IN	cold	14	Ripley, IN	3.6	11.4	45.1	10.5
Indianpolis, IN	Marion, IN	cold	14	Rush, IN	2.3	16.3	28.1	5.2
Indianpolis, IN	Marion, IN	cold	14	Scott, IN	2.6	6.6	32.2	7.5
Indianpolis, IN	Marion, IN	cold	14	Shelby, IN	5.6	25.2	106.4	18.1
Indianpolis, IN	Marion, IN	cold	14	Shelby, OH	5.2	10.7	75.0	13.7
Indianpolis, IN	Marion, IN	cold	14	Sullivan, IN	4.4	29.6	267.8	494.6
Indianpolis, IN	Marion, IN	cold	14	Switzerland, IN	1.8	3.0	38.1	6.7
Indianpolis, IN	Marion, IN	cold	14	Tippecanoe, IN	10.0	42.4	202.0	195.4
Indianpolis, IN	Marion, IN	cold	14	Tipton, IN	1.7	14.6	20.2	3.7
Indianpolis, IN	Marion, IN	cold	14	Trimble, KY	2.6	9.9	122.8	131.4
Indianpolis, IN	Marion, IN	cold	14	Union, IN	1.1	5.5	16.9	1.7
Indianpolis, IN	Marion, IN	cold	14	Vermilion, IL	8.4	43.0	151.6	293.9
Indianpolis, IN	Marion, IN	cold	14	Vermillion, IN	4.7	58.3	332.3	1876.6
Indianpolis, IN	Marion, IN	cold	14	Vigo, IN	9.5	75.7	347.0	1668.1
Indianpolis, IN	Marion, IN	cold	14	Wabash, IL	1.8	7.1	13.8	1.3
Indianpolis, IN	Marion, IN	cold	14	Wabash, IN	3.8	23.2	59.7	43.9
Indianpolis, IN	Marion, IN	cold	14	Warren, IN	1.6	12.2	23.0	2.7
Indianpolis, IN	Marion, IN	cold	14	Warren, OH	12.6	17.7	170.9	13.4
Indianpolis, IN	Marion, IN	cold	14	Washington, IN	3.8	9.6	32.4	8.5
Indianpolis, IN	Marion, IN	cold	14	Wayne, IN	5.5	34.5	117.8	303.4
Indianpolis, IN	Marion, IN	cold	14	Wells, IN	2.9	17.9	36.2	9.6
Indianpolis, IN	Marion, IN	cold	14	White, IN	3.7	20.2	56.5	10.5
Indianpolis, IN	Marion, IN	cold	14	Whitley, IN	3.5	14.2	54.8	13.6
Indianpolis, IN	Marion, IN	warm	33	Adams, IN	16.8	81.6	206.1	121.8
Indianpolis, IN	Marion, IN	warm	33	Allen, IN	67.9	215.7	1501.9	391.5
Indianpolis, IN	Marion, IN	warm	33	Bartholomew, IN	22.2	90.0	327.3	139.9
Indianpolis, IN	Marion, IN	warm	33	Benton, IN	8.7	72.0	81.1	11.7
Indianpolis, IN	Marion, IN	warm	33	Blackford, IN	5.6	23.7	72.6	21.8
Indianpolis, IN	Marion, IN	warm	33	Boone, IN	18.5	82.0	343.8	39.3
Indianpolis, IN	Marion, IN	warm	33	Boone, KY	60.2	91.9	1063.9	527.7
Indianpolis, IN	Marion, IN	warm	33	Brown, IN	9.6	13.5	68.1	5.6
Indianpolis, IN	Marion, IN	warm	33	Butler, OH	55.2	143.1	1633.4	1042.8
Indianpolis, IN	Marion, IN	warm	33	Carroll, IN	11.0	75.2	136.4	28.7
Indianpolis, IN	Marion, IN	warm	33	Carroll, KY	24.9	203.8	1710.1	4985.9
Indianpolis, IN	Marion, IN	warm	33	Cass, IN	15.7	97.9	441.1	471.4
Indianpolis, IN	Marion, IN	warm	33	Clark, IL	13.7	49.5	163.1	9.9
Indianpolis, IN	Marion, IN	warm	33	Clark, IN	33.1	89.4	563.7	396.4
Indianpolis, IN	Marion, IN	warm	33	Clay, IN	16.4	54.7	164.3	24.9
Indianpolis, IN	Marion, IN	warm	33	Clinton, IN	12.8	87.3	228.8	72.8
Indianpolis, IN	Marion, IN	warm	33	Crawford, IL	20.0	151.9	434.0	1348.3
Indianpolis, IN	Marion, IN	warm	33	Crawford, IN	14.9	14.2	384.7	54.8
Indianpolis, IN	Marion, IN	warm	33	Darke, OH	23.6	79.6	242.5	21.2
Indianpolis, IN	Marion, IN	warm	33	Daviess, IN	17.9	70.8	159.5	30.7
Indianpolis, IN	Marion, IN	warm	33	Dearborn, IN	28.3	212.9	1262.9	4696.9
Indianpolis, IN	Marion, IN	warm	33	Decatur, IN	14.1	79.6	227.9	62.3
Indianpolis, IN	Marion, IN	warm	33	Delaware, IN	22.9	85.4	491.4	211.1
Indianpolis, IN	Marion, IN	warm	33	Dubois, IN	22.3	88.2	337.1	209.0
Indianpolis, IN	Marion, IN	warm	33	Edgar, IL	14.2	78.2	149.1	14.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Indianpolis, IN	Marion, IN	warm	33	Fayette, IN	8.3	41.5	116.2	47.4
Indianpolis, IN	Marion, IN	warm	33	Floyd, IN	28.0	251.3	800.8	5637.1
Indianpolis, IN	Marion, IN	warm	33	Fountain, IN	10.4	60.1	168.6	31.2
Indianpolis, IN	Marion, IN	warm	33	Franklin, IN	11.5	31.6	120.0	16.0
Indianpolis, IN	Marion, IN	warm	33	Fulton, IN	10.2	50.2	109.1	30.9
Indianpolis, IN	Marion, IN	warm	33	Gallatin, KY	8.2	19.2	217.7	36.4
Indianpolis, IN	Marion, IN	warm	33	Gibson, IN	41.1	536.5	3201.4	15174.7
Indianpolis, IN	Marion, IN	warm	33	Grant, IN	18.0	90.7	365.6	111.4
Indianpolis, IN	Marion, IN	warm	33	Greene, IN	13.9	40.3	153.5	24.8
Indianpolis, IN	Marion, IN	warm	33	Hamilton, IN	42.3	126.6	783.1	120.2
Indianpolis, IN	Marion, IN	warm	33	Hamilton, OH	122.0	444.1	4907.8	8641.1
Indianpolis, IN	Marion, IN	warm	33	Hancock, IN	16.7	74.2	308.3	42.2
Indianpolis, IN	Marion, IN	warm	33	Harrison, IN	23.4	47.2	335.6	65.9
Indianpolis, IN	Marion, IN	warm	33	Hendricks, IN	31.3	98.4	568.6	59.0
Indianpolis, IN	Marion, IN	warm	33	Henry, IN	17.2	91.7	323.2	44.5
Indianpolis, IN	Marion, IN	warm	33	Howard, IN	17.6	127.6	317.0	233.8
Indianpolis, IN	Marion, IN	warm	33	Huntington, IN	15.9	71.1	304.4	68.9
Indianpolis, IN	Marion, IN	warm	33	Iroquois, IL	29.9	145.3	361.1	26.8
Indianpolis, IN	Marion, IN	warm	33	Jackson, IN	22.4	61.1	331.1	79.6
Indianpolis, IN	Marion, IN	warm	33	Jasper, IN	27.5	209.6	1970.9	3992.5
Indianpolis, IN	Marion, IN	warm	33	Jay, IN	10.9	64.1	133.7	64.0
Indianpolis, IN	Marion, IN	warm	33	Jefferson, IN	16.5	95.3	2472.0	7384.2
Indianpolis, IN	Marion, IN	warm	33	Jennings, IN	56.4	96.5	622.8	761.1
Indianpolis, IN	Marion, IN	warm	33	Johnson, IN	21.7	82.8	461.1	92.6
Indianpolis, IN	Marion, IN	warm	33	Knox, IN	17.5	101.1	371.8	727.7
Indianpolis, IN	Marion, IN	warm	33	Kosciusko, IN	30.0	133.1	473.5	168.9
Indianpolis, IN	Marion, IN	warm	33	Lawrence, IL	8.7	39.9	92.6	7.3
Indianpolis, IN	Marion, IN	warm	33	Lawrence, IN	21.0	58.8	658.9	444.9
Indianpolis, IN	Marion, IN	warm	33	Madison, IN	25.7	114.3	532.0	133.8
Indianpolis, IN	Marion, IN	warm	33	Marion, IN	122.1	457.5	3693.4	5970.4
Indianpolis, IN	Marion, IN	warm	33	Martin, IN	6.9	20.8	81.7	10.3
Indianpolis, IN	Marion, IN	warm	33	Mercer, OH	18.0	58.3	154.7	14.4
Indianpolis, IN	Marion, IN	warm	33	Miami, IN	12.5	69.6	175.1	47.5
Indianpolis, IN	Marion, IN	warm	33	Miami, OH	21.9	59.2	390.9	29.5
Indianpolis, IN	Marion, IN	warm	33	Monroe, IN	28.6	78.1	373.9	389.9
Indianpolis, IN	Marion, IN	warm	33	Montgomery, IN	24.8	98.1	358.4	126.1
Indianpolis, IN	Marion, IN	warm	33	Montgomery, OH	62.4	84.6	2069.5	928.3
Indianpolis, IN	Marion, IN	warm	33	Morgan, IN	23.5	123.6	651.3	1864.3
Indianpolis, IN	Marion, IN	warm	33	Newton, IN	16.7	58.3	114.2	19.4
Indianpolis, IN	Marion, IN	warm	33	Ohio, IN	2.8	8.3	62.7	10.0
Indianpolis, IN	Marion, IN	warm	33	Orange, IN	10.4	27.9	139.9	21.1
Indianpolis, IN	Marion, IN	warm	33	Owen, IN	10.4	25.0	108.4	18.4
Indianpolis, IN	Marion, IN	warm	33	Parke, IN	8.3	36.9	219.4	10.8
Indianpolis, IN	Marion, IN	warm	33	Pike, IN	16.0	193.7	1861.8	5180.0
Indianpolis, IN	Marion, IN	warm	33	Preble, OH	21.9	49.5	268.4	16.6
Indianpolis, IN	Marion, IN	warm	33	Pulaski, IN	10.8	35.9	95.8	17.2
Indianpolis, IN	Marion, IN	warm	33	Putnam, IN	16.9	51.5	461.3	68.6
Indianpolis, IN	Marion, IN	warm	33	Randolph, IN	17.4	73.9	253.4	67.1
Indianpolis, IN	Marion, IN	warm	33	Ripley, IN	14.9	47.4	187.6	43.6
Indianpolis, IN	Marion, IN	warm	33	Rush, IN	9.6	67.9	116.8	21.5
Indianpolis, IN	Marion, IN	warm	33	Scott, IN	10.9	27.4	133.8	31.1
Indianpolis, IN	Marion, IN	warm	33	Shelby, IN	23.4	104.7	442.3	75.3
Indianpolis, IN	Marion, IN	warm	33	Shelby, OH	21.8	44.3	311.7	57.0
Indianpolis, IN	Marion, IN	warm	33	Sullivan, IN	18.5	123.1	1113.1	2056.0
Indianpolis, IN	Marion, IN	warm	33	Switzerland, IN	7.5	12.3	158.5	27.8
Indianpolis, IN	Marion, IN	warm	33	Tippecanoe, IN	41.6	176.1	839.8	812.4
Indianpolis, IN	Marion, IN	warm	33	Tipton, IN	7.1	60.9	84.1	15.5
Indianpolis, IN	Marion, IN	warm	33	Trimble, KY	10.9	41.3	510.4	546.1
Indianpolis, IN	Marion, IN	warm	33	Union, IN	4.6	23.0	70.4	7.1
Indianpolis, IN	Marion, IN	warm	33	Vermilion, IL	35.1	178.8	630.1	1221.7
Indianpolis, IN	Marion, IN	warm	33	Vermillion, IN	19.5	242.5	1381.4	7800.7
Indianpolis, IN	Marion, IN	warm	33	Vigo, IN	39.7	314.7	1442.2	6934.2
Indianpolis, IN	Marion, IN	warm	33	Wabash, IL	7.6	29.5	57.5	5.3
Indianpolis, IN	Marion, IN	warm	33	Wabash, IN	15.8	96.5	248.4	182.4
Indianpolis, IN	Marion, IN	warm	33	Warren, IN	6.6	50.7	95.4	11.2
Indianpolis, IN	Marion, IN	warm	33	Warren, OH	52.5	73.7	710.2	55.7
Indianpolis, IN	Marion, IN	warm	33	Washington, IN	15.9	40.1	134.7	35.4
Indianpolis, IN	Marion, IN	warm	33	Wayne, IN	22.9	143.3	489.5	1261.0
Indianpolis, IN	Marion, IN	warm	33	Wells, IN	12.2	74.4	150.7	40.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Indianpolis, IN	Marion, IN	warm	33	White, IN	15.3	84.0	234.8	43.7
Indianpolis, IN	Marion, IN	warm	33	Whitley, IN	14.5	59.2	227.8	56.5
Johnstown, PA	Cambria, PA	warm	19	Adams, PA	55.1	84.1	350.9	72.1
Johnstown, PA	Cambria, PA	warm	19	Allegany, MD	52.6	85.9	1056.2	2839.7
Johnstown, PA	Cambria, PA	warm	19	Allegany, NY	79.3	71.5	243.5	66.3
Johnstown, PA	Cambria, PA	warm	19	Allegheny, PA	278.7	301.3	7859.5	6391.8
Johnstown, PA	Cambria, PA	warm	19	Armstrong, PA	96.9	1206.0	2527.3	26067.2
Johnstown, PA	Cambria, PA	warm	19	Ashtabula, OH	80.4	85.6	1807.5	709.5
Johnstown, PA	Cambria, PA	warm	19	Augusta, VA	49.6	54.2	570.3	83.4
Johnstown, PA	Cambria, PA	warm	19	Barbour, WV	7.6	17.5	82.9	13.4
Johnstown, PA	Cambria, PA	warm	19	Beaver, PA	56.0	263.2	4147.7	5644.4
Johnstown, PA	Cambria, PA	warm	19	Bedford, PA	36.0	37.2	563.0	96.8
Johnstown, PA	Cambria, PA	warm	19	Belmont, OH	48.7	280.7	1240.7	4722.1
Johnstown, PA	Cambria, PA	warm	19	Berkeley, WV	61.9	87.8	901.7	297.6
Johnstown, PA	Cambria, PA	warm	19	Blair, PA	39.1	52.6	622.9	294.8
Johnstown, PA	Cambria, PA	warm	19	Bradford, PA	42.4	46.5	289.6	92.3
Johnstown, PA	Cambria, PA	warm	19	Brooke, WV	23.7	43.6	264.6	167.5
Johnstown, PA	Cambria, PA	warm	19	Butler, PA	54.8	90.5	937.5	417.1
Johnstown, PA	Cambria, PA	warm	19	Cambria, PA	40.3	59.3	767.1	962.7
Johnstown, PA	Cambria, PA	warm	19	Cameron, PA	4.8	8.2	36.1	9.4
Johnstown, PA	Cambria, PA	warm	19	Carroll, MD	81.2	101.8	796.0	183.3
Johnstown, PA	Cambria, PA	warm	19	Carroll, OH	17.6	23.9	202.0	15.3
Johnstown, PA	Cambria, PA	warm	19	Cattaraugus, NY	115.0	103.8	386.8	133.3
Johnstown, PA	Cambria, PA	warm	19	Centre, PA	57.8	82.0	826.0	708.9
Johnstown, PA	Cambria, PA	warm	19	Chautauqua, NY	136.6	425.1	1346.7	3125.4
Johnstown, PA	Cambria, PA	warm	19	Chemung, NY	49.3	62.1	424.4	196.9
Johnstown, PA	Cambria, PA	warm	19	Clarion, PA	28.9	33.2	397.7	191.5
Johnstown, PA	Cambria, PA	warm	19	Clarke, VA	10.8	17.1	117.1	16.9
Johnstown, PA	Cambria, PA	warm	19	Clearfield, PA	62.5	299.2	1400.6	6022.6
Johnstown, PA	Cambria, PA	warm	19	Clinton, PA	25.3	22.0	358.4	69.7
Johnstown, PA	Cambria, PA	warm	19	Columbia, PA	25.1	39.8	328.8	98.4
Johnstown, PA	Cambria, PA	warm	19	Columbiana, OH	45.4	53.2	543.5	65.2
Johnstown, PA	Cambria, PA	warm	19	Crawford, PA	51.9	65.5	747.0	138.0
Johnstown, PA	Cambria, PA	warm	19	Cumberland, PA	86.7	107.0	1795.0	245.4
Johnstown, PA	Cambria, PA	warm	19	Dauphin, PA	65.5	63.7	1558.2	303.3
Johnstown, PA	Cambria, PA	warm	19	Doddridge, WV	3.4	9.3	119.6	6.6
Johnstown, PA	Cambria, PA	warm	19	Elk, PA	13.5	26.6	370.3	663.9
Johnstown, PA	Cambria, PA	warm	19	Erie, NY	202.1	386.6	4105.1	3766.6
Johnstown, PA	Cambria, PA	warm	19	Erie, PA	54.9	63.1	1499.5	636.8
Johnstown, PA	Cambria, PA	warm	19	Fairfax, VA	153.2	140.8	3951.3	446.2
Johnstown, PA	Cambria, PA	warm	19	Fauquier, VA	54.8	52.2	509.3	44.5
Johnstown, PA	Cambria, PA	warm	19	Fayette, PA	37.0	42.3	504.7	160.4
Johnstown, PA	Cambria, PA	warm	19	Forest, PA	13.9	13.7	109.1	5.1
Johnstown, PA	Cambria, PA	warm	19	Franklin, PA	47.7	81.7	679.3	105.7
Johnstown, PA	Cambria, PA	warm	19	Frederick, MD	130.5	166.2	1405.1	1151.8
Johnstown, PA	Cambria, PA	warm	19	Frederick, VA	43.4	47.7	529.4	101.1
Johnstown, PA	Cambria, PA	warm	19	Fulton, PA	13.5	18.3	223.7	32.0
Johnstown, PA	Cambria, PA	warm	19	Garrett, MD	35.8	30.8	310.3	106.5
Johnstown, PA	Cambria, PA	warm	19	Grant, WV	42.7	635.9	3004.0	576.5
Johnstown, PA	Cambria, PA	warm	19	Greene, PA	73.5	893.8	2530.0	18199.5
Johnstown, PA	Cambria, PA	warm	19	Guernsey, OH	32.2	28.9	744.4	99.1
Johnstown, PA	Cambria, PA	warm	19	Hampshire, WV	17.8	19.7	99.2	12.5
Johnstown, PA	Cambria, PA	warm	19	Hancock, WV	87.4	248.0	546.9	253.2
Johnstown, PA	Cambria, PA	warm	19	Hardy, WV	13.0	18.9	114.7	27.3
Johnstown, PA	Cambria, PA	warm	19	Harrison, OH	11.9	14.6	81.8	16.2
Johnstown, PA	Cambria, PA	warm	19	Harrison, WV	51.5	255.9	2956.4	656.6
Johnstown, PA	Cambria, PA	warm	19	Highland, VA	2.6	8.0	13.8	2.1
Johnstown, PA	Cambria, PA	warm	19	Howard, MD	74.3	56.3	1228.4	298.6
Johnstown, PA	Cambria, PA	warm	19	Huntingdon, PA	32.0	36.9	313.7	98.3
Johnstown, PA	Cambria, PA	warm	19	Indiana, PA	105.7	1247.1	5312.2	18321.5
Johnstown, PA	Cambria, PA	warm	19	Jefferson, OH	89.7	1145.4	5732.0	27820.1
Johnstown, PA	Cambria, PA	warm	19	Jefferson, PA	30.4	31.3	372.4	117.1
Johnstown, PA	Cambria, PA	warm	19	Jefferson, WV	30.1	40.9	340.1	73.4
Johnstown, PA	Cambria, PA	warm	19	Juniata, PA	15.5	20.1	224.4	31.2
Johnstown, PA	Cambria, PA	warm	19	Lancaster, PA	143.9	244.5	2036.2	498.8
Johnstown, PA	Cambria, PA	warm	19	Lawrence, PA	38.9	183.0	1117.8	2843.8
Johnstown, PA	Cambria, PA	warm	19	Lebanon, PA	42.1	60.7	729.7	220.8
Johnstown, PA	Cambria, PA	warm	19	Livingston, NY	56.1	75.0	316.3	81.3
Johnstown, PA	Cambria, PA	warm	19	Loudoun, VA	60.2	59.9	1039.4	127.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Johnstown, PA	Cambria, PA	warm	19	Luzerne, PA	97.2	100.6	1289.9	888.7
Johnstown, PA	Cambria, PA	warm	19	Lycoming, PA	38.2	43.5	532.7	135.1
Johnstown, PA	Cambria, PA	warm	19	Mahoning, OH	42.0	45.5	1252.5	239.3
Johnstown, PA	Cambria, PA	warm	19	Marion, WV	23.5	42.5	509.0	436.2
Johnstown, PA	Cambria, PA	warm	19	Marshall, WV	38.4	449.4	4958.9	14656.2
Johnstown, PA	Cambria, PA	warm	19	McKean, PA	26.4	44.4	404.1	487.6
Johnstown, PA	Cambria, PA	warm	19	Mercer, PA	36.0	58.0	746.4	129.4
Johnstown, PA	Cambria, PA	warm	19	Mifflin, PA	30.3	35.9	334.7	60.9
Johnstown, PA	Cambria, PA	warm	19	Mineral, WV	24.7	35.3	151.2	56.0
Johnstown, PA	Cambria, PA	warm	19	Monongalia, WV	58.3	501.4	1608.5	10468.7
Johnstown, PA	Cambria, PA	warm	19	Monroe, OH	19.0	42.0	307.8	426.5
Johnstown, PA	Cambria, PA	warm	19	Montgomery, MD	260.1	550.0	3323.5	5190.9
Johnstown, PA	Cambria, PA	warm	19	Montour, PA	52.2	791.0	1739.4	15864.4
Johnstown, PA	Cambria, PA	warm	19	Morgan, WV	11.4	17.9	133.1	19.9
Johnstown, PA	Cambria, PA	warm	19	Noble, OH	11.4	14.8	173.2	7.1
Johnstown, PA	Cambria, PA	warm	19	Northumberland, PA	38.3	49.7	427.5	186.9
Johnstown, PA	Cambria, PA	warm	19	Ohio, WV	18.2	18.0	413.0	67.2
Johnstown, PA	Cambria, PA	warm	19	Ontario, NY	73.4	98.1	620.5	197.1
Johnstown, PA	Cambria, PA	warm	19	Pendleton, WV	5.6	15.0	64.8	10.7
Johnstown, PA	Cambria, PA	warm	19	Perry, PA	29.0	30.5	312.3	55.1
Johnstown, PA	Cambria, PA	warm	19	Pocahontas, WV	7.2	11.1	46.8	35.4
Johnstown, PA	Cambria, PA	warm	19	Potter, PA	16.4	17.6	242.2	22.9
Johnstown, PA	Cambria, PA	warm	19	Preston, WV	20.1	115.3	492.8	2132.4
Johnstown, PA	Cambria, PA	warm	19	Prince William, VA	66.0	79.1	1478.4	893.9
Johnstown, PA	Cambria, PA	warm	19	Randolph, WV	17.0	18.1	318.2	26.9
Johnstown, PA	Cambria, PA	warm	19	Rockingham, VA	53.3	91.7	509.1	125.9
Johnstown, PA	Cambria, PA	warm	19	Schuyler, NY	30.1	55.9	108.8	84.8
Johnstown, PA	Cambria, PA	warm	19	Schuylkill, PA	68.0	79.0	772.3	898.9
Johnstown, PA	Cambria, PA	warm	19	Shenandoah, VA	30.9	42.2	415.3	54.6
Johnstown, PA	Cambria, PA	warm	19	Snyder, PA	25.7	107.9	550.7	3501.9
Johnstown, PA	Cambria, PA	warm	19	Somerset, PA	52.8	56.6	577.9	228.9
Johnstown, PA	Cambria, PA	warm	19	Stark, OH	71.2	103.9	1620.1	289.8
Johnstown, PA	Cambria, PA	warm	19	Steuben, NY	120.1	121.3	672.2	176.3
Johnstown, PA	Cambria, PA	warm	19	Sullivan, PA	11.5	13.0	38.2	8.0
Johnstown, PA	Cambria, PA	warm	19	Susquehanna, PA	32.5	32.8	256.7	41.2
Johnstown, PA	Cambria, PA	warm	19	Taylor, WV	6.3	19.2	180.9	52.7
Johnstown, PA	Cambria, PA	warm	19	Tioga, NY	58.3	59.4	263.8	107.2
Johnstown, PA	Cambria, PA	warm	19	Tioga, PA	30.6	39.1	249.5	39.6
Johnstown, PA	Cambria, PA	warm	19	Trumbull, OH	77.6	119.1	1660.6	2297.6
Johnstown, PA	Cambria, PA	warm	19	Tucker, WV	6.2	21.8	68.0	16.3
Johnstown, PA	Cambria, PA	warm	19	Tyler, WV	7.0	12.9	176.2	61.0
Johnstown, PA	Cambria, PA	warm	19	Union, PA	17.9	24.1	247.1	44.6
Johnstown, PA	Cambria, PA	warm	19	Upshur, WV	14.0	18.1	151.0	17.3
Johnstown, PA	Cambria, PA	warm	19	Venango, PA	29.2	34.0	342.3	238.3
Johnstown, PA	Cambria, PA	warm	19	Warren, PA	26.1	31.7	296.8	404.9
Johnstown, PA	Cambria, PA	warm	19	Warren, VA	23.5	25.1	184.9	24.4
Johnstown, PA	Cambria, PA	warm	19	Washington, MD	75.8	97.0	1251.9	809.0
Johnstown, PA	Cambria, PA	warm	19	Washington, OH	92.0	817.9	3021.4	20410.3
Johnstown, PA	Cambria, PA	warm	19	Washington, PA	63.8	128.4	2025.6	784.6
Johnstown, PA	Cambria, PA	warm	19	Webster, WV	4.6	9.6	26.6	8.0
Johnstown, PA	Cambria, PA	warm	19	Westmoreland, PA	99.1	110.1	2068.2	435.4
Johnstown, PA	Cambria, PA	warm	19	Wetzel, WV	10.6	12.8	494.8	85.8
Johnstown, PA	Cambria, PA	warm	19	Wyoming, NY	51.8	60.6	181.6	167.9
Johnstown, PA	Cambria, PA	warm	19	Wyoming, PA	26.0	28.6	210.2	41.9
Johnstown, PA	Cambria, PA	warm	19	Yates, NY	35.0	64.2	357.2	1815.7
Johnstown, PA	Cambria, PA	warm	19	York, PA	151.2	699.9	4000.4	14730.7
Klamath Falls, OR	Klamath, OR	cold	20	Ada, ID	225.9	287.6	1853.8	124.3
Klamath Falls, OR	Klamath, OR	cold	20	Adams, ID	30.8	17.5	62.8	9.9
Klamath Falls, OR	Klamath, OR	cold	20	Alpine, CA	8.0	3.6	12.2	1.7
Klamath Falls, OR	Klamath, OR	cold	20	Amador, CA	71.8	54.5	246.3	7.8
Klamath Falls, OR	Klamath, OR	cold	20	Baker, OR	402.6	215.8	452.1	62.6
Klamath Falls, OR	Klamath, OR	cold	20	Benton, OR	71.7	61.3	216.9	30.3
Klamath Falls, OR	Klamath, OR	cold	20	Benton, WA	81.1	92.8	694.6	51.6
Klamath Falls, OR	Klamath, OR	cold	20	Box Elder, UT	41.0	73.3	491.5	32.6
Klamath Falls, OR	Klamath, OR	cold	20	Butte, CA	142.7	132.4	800.5	199.5
Klamath Falls, OR	Klamath, OR	cold	20	Canyon, ID	98.2	261.0	783.7	225.9
Klamath Falls, OR	Klamath, OR	cold	20	Carson, NV	30.0	28.5	119.3	122.9
Klamath Falls, OR	Klamath, OR	cold	20	Cassia, ID	26.2	59.4	205.7	11.8
Klamath Falls, OR	Klamath, OR	cold	20	Churchill, NV	18.6	52.5	188.1	24.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Klamath Falls, OR	Klamath, OR	cold	20	Clackamas, OR	252.4	200.9	1061.4	108.9
Klamath Falls, OR	Klamath, OR	cold	20	Clark, NV	1460.2	1103.7	6811.8	5076.1
Klamath Falls, OR	Klamath, OR	cold	20	Clark, WA	192.8	143.3	1272.8	119.0
Klamath Falls, OR	Klamath, OR	cold	20	Clatsop, OR	64.8	64.0	299.9	139.8
Klamath Falls, OR	Klamath, OR	cold	20	Columbia, OR	47.0	47.0	337.2	124.6
Klamath Falls, OR	Klamath, OR	cold	20	Columbia, WA	177.7	131.7	79.5	17.7
Klamath Falls, OR	Klamath, OR	cold	20	Colusa, CA	81.6	93.7	348.4	99.7
Klamath Falls, OR	Klamath, OR	cold	20	Contra Costa, CA	188.6	163.7	4156.5	1709.0
Klamath Falls, OR	Klamath, OR	cold	20	Coos, OR	240.5	136.7	305.8	50.1
Klamath Falls, OR	Klamath, OR	cold	20	Cowlitz, WA	81.2	92.6	1000.4	352.4
Klamath Falls, OR	Klamath, OR	cold	20	Crook, OR	39.5	40.4	81.3	9.2
Klamath Falls, OR	Klamath, OR	cold	20	Curry, OR	79.1	47.9	88.7	14.2
Klamath Falls, OR	Klamath, OR	cold	20	Del Norte, CA	31.4	17.9	120.8	11.6
Klamath Falls, OR	Klamath, OR	cold	20	Deschutes, OR	177.0	186.0	539.3	49.4
Klamath Falls, OR	Klamath, OR	cold	20	Douglas, NV	31.8	69.0	207.5	68.6
Klamath Falls, OR	Klamath, OR	cold	20	Douglas, OR	252.3	173.8	651.0	60.4
Klamath Falls, OR	Klamath, OR	cold	20	El Dorado, CA	157.4	102.2	455.7	48.4
Klamath Falls, OR	Klamath, OR	cold	20	Elko, NV	188.4	145.9	608.7	72.4
Klamath Falls, OR	Klamath, OR	cold	20	Elmore, ID	105.5	88.5	298.0	22.9
Klamath Falls, OR	Klamath, OR	cold	20	Esmeralda, NV	0.9	17.6	10.1	5.6
Klamath Falls, OR	Klamath, OR	cold	20	Eureka, NV	9.4	30.0	133.1	36.0
Klamath Falls, OR	Klamath, OR	cold	20	Fresno, CA	426.7	352.6	3435.0	537.6
Klamath Falls, OR	Klamath, OR	cold	20	Gem, ID	11.3	32.3	138.1	7.2
Klamath Falls, OR	Klamath, OR	cold	20	Gilliam, OR	10.8	29.5	130.2	8.1
Klamath Falls, OR	Klamath, OR	cold	20	Glenn, CA	78.6	92.5	366.2	127.1
Klamath Falls, OR	Klamath, OR	cold	20	Grant, OR	25.7	24.1	66.9	5.2
Klamath Falls, OR	Klamath, OR	cold	20	Harney, OR	57.9	39.1	92.3	13.3
Klamath Falls, OR	Klamath, OR	cold	20	Hood River, OR	42.8	25.2	170.1	30.3
Klamath Falls, OR	Klamath, OR	cold	20	Humboldt, CA	134.2	83.2	880.8	33.7
Klamath Falls, OR	Klamath, OR	cold	20	Humboldt, NV	36.0	73.7	1132.7	941.3
Klamath Falls, OR	Klamath, OR	cold	20	Inyo, CA	36.6	89.0	113.8	23.7
Klamath Falls, OR	Klamath, OR	cold	20	Jackson, OR	294.6	193.3	765.0	129.1
Klamath Falls, OR	Klamath, OR	cold	20	Jefferson, OR	47.3	50.6	122.3	11.0
Klamath Falls, OR	Klamath, OR	cold	20	Josephine, OR	131.8	86.8	247.5	27.2
Klamath Falls, OR	Klamath, OR	cold	20	Klamath, OR	208.0	141.7	696.0	54.3
Klamath Falls, OR	Klamath, OR	cold	20	Klickitat, WA	75.2	43.6	355.2	61.4
Klamath Falls, OR	Klamath, OR	cold	20	Lake, CA	67.8	48.4	276.2	19.6
Klamath Falls, OR	Klamath, OR	cold	20	Lake, OR	28.2	24.6	102.1	8.5
Klamath Falls, OR	Klamath, OR	cold	20	Lander, NV	6.6	23.8	89.2	8.6
Klamath Falls, OR	Klamath, OR	cold	20	Lane, OR	296.5	202.1	1166.5	126.5
Klamath Falls, OR	Klamath, OR	cold	20	Lassen, CA	75.0	68.0	252.2	15.5
Klamath Falls, OR	Klamath, OR	cold	20	Lincoln, NV	711.0	385.2	239.4	88.1
Klamath Falls, OR	Klamath, OR	cold	20	Lincoln, OR	66.9	63.7	247.6	42.9
Klamath Falls, OR	Klamath, OR	cold	20	Linn, OR	139.5	141.7	624.6	108.6
Klamath Falls, OR	Klamath, OR	cold	20	Lyon, NV	22.1	71.7	687.2	62.0
Klamath Falls, OR	Klamath, OR	cold	20	Madera, CA	101.1	87.3	1016.2	72.5
Klamath Falls, OR	Klamath, OR	cold	20	Malheur, OR	76.6	124.2	286.4	95.9
Klamath Falls, OR	Klamath, OR	cold	20	Marin, CA	44.2	32.5	614.5	91.8
Klamath Falls, OR	Klamath, OR	cold	20	Marion, OR	203.2	192.2	1004.7	116.8
Klamath Falls, OR	Klamath, OR	cold	20	Mendocino, CA	89.5	52.9	483.3	34.9
Klamath Falls, OR	Klamath, OR	cold	20	Mineral, NV	2.9	39.8	18.8	2.2
Klamath Falls, OR	Klamath, OR	cold	20	Modoc, CA	27.8	29.8	157.3	6.1
Klamath Falls, OR	Klamath, OR	cold	20	Mono, CA	28.0	52.7	72.7	2.4
Klamath Falls, OR	Klamath, OR	cold	20	Morrow, OR	31.4	89.1	983.1	1144.7
Klamath Falls, OR	Klamath, OR	cold	20	Multnomah, OR	510.6	344.3	4306.7	544.4
Klamath Falls, OR	Klamath, OR	cold	20	Napa, CA	31.0	24.6	401.0	106.8
Klamath Falls, OR	Klamath, OR	cold	20	Nevada, CA	120.7	85.3	326.2	24.6
Klamath Falls, OR	Klamath, OR	cold	20	Nye, NV	126.9	84.1	139.9	46.5
Klamath Falls, OR	Klamath, OR	cold	20	Owyhee, ID	183.4	131.2	115.7	45.7
Klamath Falls, OR	Klamath, OR	cold	20	Payette, ID	19.3	56.5	146.7	9.0
Klamath Falls, OR	Klamath, OR	cold	20	Pershing, NV	6.5	26.8	175.6	10.7
Klamath Falls, OR	Klamath, OR	cold	20	Placer, CA	125.4	88.4	1093.9	86.3
Klamath Falls, OR	Klamath, OR	cold	20	Plumas, CA	145.2	81.1	323.7	32.8
Klamath Falls, OR	Klamath, OR	cold	20	Polk, OR	53.2	55.5	210.1	21.8
Klamath Falls, OR	Klamath, OR	cold	20	Sacramento, CA	212.7	179.7	3130.5	311.9
Klamath Falls, OR	Klamath, OR	cold	20	San Joaquin, CA	148.8	142.3	2798.4	291.2
Klamath Falls, OR	Klamath, OR	cold	20	Shasta, CA	291.3	181.1	1023.4	42.8
Klamath Falls, OR	Klamath, OR	cold	20	Sherman, OR	17.2	34.9	171.3	7.6
Klamath Falls, OR	Klamath, OR	cold	20	Sierra, CA	49.6	26.8	56.9	11.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Klamath Falls, OR	Klamath, OR	cold	20	Siskiyou, CA	192.3	111.6	421.5	32.7
Klamath Falls, OR	Klamath, OR	cold	20	Skamania, WA	16.2	9.7	146.8	21.2
Klamath Falls, OR	Klamath, OR	cold	20	Solano, CA	78.7	78.8	1416.0	786.3
Klamath Falls, OR	Klamath, OR	cold	20	Sonoma, CA	115.4	84.3	1421.1	269.0
Klamath Falls, OR	Klamath, OR	cold	20	Storey, NV	6.6	27.0	196.3	14.8
Klamath Falls, OR	Klamath, OR	cold	20	Sutter, CA	75.6	90.8	554.5	17.8
Klamath Falls, OR	Klamath, OR	cold	20	Tehama, CA	77.6	56.6	371.3	196.9
Klamath Falls, OR	Klamath, OR	cold	20	Tillamook, OR	46.0	35.2	135.2	11.0
Klamath Falls, OR	Klamath, OR	cold	20	Tooele, UT	68.4	93.2	507.9	49.5
Klamath Falls, OR	Klamath, OR	cold	20	Trinity, CA	49.0	27.6	70.8	4.9
Klamath Falls, OR	Klamath, OR	cold	20	Tuolumne, CA	90.7	64.1	330.4	25.2
Klamath Falls, OR	Klamath, OR	cold	20	Twin Falls, ID	67.9	158.2	500.8	119.8
Klamath Falls, OR	Klamath, OR	cold	20	Umatilla, OR	196.1	182.4	695.0	63.8
Klamath Falls, OR	Klamath, OR	cold	20	Union, OR	120.5	78.7	331.8	34.5
Klamath Falls, OR	Klamath, OR	cold	20	Wahkiakum, WA	7.1	8.9	134.2	61.3
Klamath Falls, OR	Klamath, OR	cold	20	Walla Walla, WA	114.8	138.6	391.3	284.2
Klamath Falls, OR	Klamath, OR	cold	20	Wallowa, OR	628.2	324.7	162.1	83.6
Klamath Falls, OR	Klamath, OR	cold	20	Wasco, OR	53.7	48.6	275.3	40.8
Klamath Falls, OR	Klamath, OR	cold	20	Washington, ID	42.6	36.1	106.7	10.9
Klamath Falls, OR	Klamath, OR	cold	20	Washington, OR	308.1	237.6	1174.8	197.0
Klamath Falls, OR	Klamath, OR	cold	20	Washoe, NV	101.3	148.0	1252.2	387.7
Klamath Falls, OR	Klamath, OR	cold	20	Wheeler, OR	12.1	12.2	14.6	2.0
Klamath Falls, OR	Klamath, OR	cold	20	White Pine, NV	7.8	25.0	45.0	3.5
Klamath Falls, OR	Klamath, OR	cold	20	Yakima, WA	125.2	107.7	649.9	44.6
Klamath Falls, OR	Klamath, OR	cold	20	Yamhill, OR	82.7	85.1	345.6	92.8
Klamath Falls, OR	Klamath, OR	cold	20	Yolo, CA	77.2	107.6	1047.3	55.2
Klamath Falls, OR	Klamath, OR	cold	20	Yuba, CA	35.1	27.9	315.3	10.7
Knoxville, TN	Knox, TN	warm	13	Abbeville, SC	12.1	14.6	85.4	31.9
Knoxville, TN	Knox, TN	warm	13	Adair, KY	7.4	11.0	44.6	8.1
Knoxville, TN	Knox, TN	warm	13	Anderson, SC	59.5	132.3	789.1	1159.9
Knoxville, TN	Knox, TN	warm	13	Anderson, TN	31.7	162.2	1424.5	3475.6
Knoxville, TN	Knox, TN	warm	13	Ashe, NC	15.2	16.6	59.6	21.6
Knoxville, TN	Knox, TN	warm	13	Avery, NC	11.0	11.1	47.8	9.5
Knoxville, TN	Knox, TN	warm	13	Bell, KY	11.7	14.1	75.4	18.0
Knoxville, TN	Knox, TN	warm	13	Bledsoe, TN	6.1	8.3	25.7	5.1
Knoxville, TN	Knox, TN	warm	13	Blount, TN	38.9	130.6	374.9	435.6
Knoxville, TN	Knox, TN	warm	13	Bradley, TN	26.3	69.1	305.4	95.2
Knoxville, TN	Knox, TN	warm	13	Bristol (City), VA	3.2	4.4	103.1	20.2
Knoxville, TN	Knox, TN	warm	13	Buchanan, VA	13.0	33.3	132.6	448.4
Knoxville, TN	Knox, TN	warm	13	Buncombe, NC	68.3	65.5	1339.2	1447.2
Knoxville, TN	Knox, TN	warm	13	Burke, NC	19.0	26.3	202.0	51.0
Knoxville, TN	Knox, TN	warm	13	Campbell, TN	18.6	14.8	296.6	26.6
Knoxville, TN	Knox, TN	warm	13	Cannon, TN	5.0	8.4	27.2	3.3
Knoxville, TN	Knox, TN	warm	13	Carter, TN	9.6	14.8	125.4	28.2
Knoxville, TN	Knox, TN	warm	13	Casey, KY	7.8	11.6	151.8	8.5
Knoxville, TN	Knox, TN	warm	13	Catoosa, GA	15.9	23.0	233.7	31.5
Knoxville, TN	Knox, TN	warm	13	Chattooga, GA	11.1	17.8	148.5	171.3
Knoxville, TN	Knox, TN	warm	13	Cherokee, NC	15.9	15.4	61.5	10.1
Knoxville, TN	Knox, TN	warm	13	Cherokee, SC	18.7	29.1	277.7	118.2
Knoxville, TN	Knox, TN	warm	13	Claiborne, TN	14.0	17.0	87.3	27.9
Knoxville, TN	Knox, TN	warm	13	Clay, KY	9.0	10.0	60.0	10.7
Knoxville, TN	Knox, TN	warm	13	Clay, NC	6.1	7.8	21.9	7.9
Knoxville, TN	Knox, TN	warm	13	Clay, TN	13.2	15.7	30.7	6.8
Knoxville, TN	Knox, TN	warm	13	Cleveland, NC	33.3	36.3	229.4	44.2
Knoxville, TN	Knox, TN	warm	13	Clinton, KY	6.1	9.3	44.4	24.7
Knoxville, TN	Knox, TN	warm	13	Cocke, TN	15.8	14.3	197.5	24.0
Knoxville, TN	Knox, TN	warm	13	Coffee, TN	18.2	19.4	333.4	55.3
Knoxville, TN	Knox, TN	warm	13	Cumberland, KY	4.0	6.2	21.4	4.3
Knoxville, TN	Knox, TN	warm	13	Cumberland, TN	24.9	25.2	319.2	25.9
Knoxville, TN	Knox, TN	warm	13	Dade, GA	7.0	10.9	117.4	13.1
Knoxville, TN	Knox, TN	warm	13	Dawson, GA	13.8	14.5	54.9	7.4
Knoxville, TN	Knox, TN	warm	13	De Kalb, TN	14.9	25.0	56.7	16.8
Knoxville, TN	Knox, TN	warm	13	DeKalb, AL	33.1	47.7	280.3	72.9
Knoxville, TN	Knox, TN	warm	13	Dickenson, VA	7.5	9.8	52.3	9.3
Knoxville, TN	Knox, TN	warm	13	Fannin, GA	19.4	21.2	74.7	13.9
Knoxville, TN	Knox, TN	warm	13	Fentress, TN	9.9	17.5	48.8	5.6
Knoxville, TN	Knox, TN	warm	13	Floyd, GA	44.5	167.2	1243.8	3866.2
Knoxville, TN	Knox, TN	warm	13	Franklin, GA	11.2	18.4	126.7	21.9
Knoxville, TN	Knox, TN	warm	13	Franklin, TN	18.7	23.3	114.9	19.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Knoxville, TN	Knox, TN	warm	13	Gilmer, GA	16.3	19.7	97.8	30.9
Knoxville, TN	Knox, TN	warm	13	Gordon, GA	22.7	36.4	276.8	92.8
Knoxville, TN	Knox, TN	warm	13	Graham, NC	4.8	7.0	16.8	5.0
Knoxville, TN	Knox, TN	warm	13	Grainger, TN	8.9	10.6	64.8	12.3
Knoxville, TN	Knox, TN	warm	13	Grayson, VA	8.5	11.9	41.3	12.4
Knoxville, TN	Knox, TN	warm	13	Greene, TN	29.5	33.2	341.2	66.8
Knoxville, TN	Knox, TN	warm	13	Greenville, SC	97.0	98.8	1281.9	422.3
Knoxville, TN	Knox, TN	warm	13	Grundy, TN	6.9	8.1	68.2	4.2
Knoxville, TN	Knox, TN	warm	13	Habersham, GA	16.1	23.7	133.6	43.9
Knoxville, TN	Knox, TN	warm	13	Hamblen, TN	20.8	33.5	420.3	556.9
Knoxville, TN	Knox, TN	warm	13	Hamilton, TN	57.1	63.6	1519.6	421.0
Knoxville, TN	Knox, TN	warm	13	Hancock, TN	2.5	5.1	15.0	4.1
Knoxville, TN	Knox, TN	warm	13	Harlan, KY	13.3	15.1	67.5	20.1
Knoxville, TN	Knox, TN	warm	13	Hart, GA	11.3	22.6	92.2	29.4
Knoxville, TN	Knox, TN	warm	13	Hawkins, TN	21.7	50.9	1223.2	2731.9
Knoxville, TN	Knox, TN	warm	13	Haywood, NC	24.2	62.3	656.7	776.0
Knoxville, TN	Knox, TN	warm	13	Henderson, NC	28.1	27.3	163.1	22.4
Knoxville, TN	Knox, TN	warm	13	Jackson, AL	40.3	221.5	1984.9	3105.4
Knoxville, TN	Knox, TN	warm	13	Jackson, KY	5.6	9.1	29.3	10.6
Knoxville, TN	Knox, TN	warm	13	Jackson, NC	27.3	24.9	120.0	22.7
Knoxville, TN	Knox, TN	warm	13	Jackson, TN	5.5	7.6	28.4	5.9
Knoxville, TN	Knox, TN	warm	13	Jefferson, TN	44.4	49.5	321.8	31.9
Knoxville, TN	Knox, TN	warm	13	Johnson, TN	6.1	8.3	35.4	8.9
Knoxville, TN	Knox, TN	warm	13	Knox, KY	14.2	13.8	102.0	16.5
Knoxville, TN	Knox, TN	warm	13	Knox, TN	60.9	75.1	1823.4	279.4
Knoxville, TN	Knox, TN	warm	13	Laurel, KY	23.1	24.6	272.4	46.3
Knoxville, TN	Knox, TN	warm	13	Laurens, SC	22.1	27.4	261.2	65.1
Knoxville, TN	Knox, TN	warm	13	Lee, VA	11.0	13.6	75.2	12.0
Knoxville, TN	Knox, TN	warm	13	Leslie, KY	5.9	8.8	41.1	5.3
Knoxville, TN	Knox, TN	warm	13	Letcher, KY	12.0	15.4	76.8	11.3
Knoxville, TN	Knox, TN	warm	13	Lincoln, KY	12.6	16.8	255.3	14.3
Knoxville, TN	Knox, TN	warm	13	Loudon, TN	25.3	38.6	540.2	394.9
Knoxville, TN	Knox, TN	warm	13	Lumpkin, GA	11.4	13.4	68.3	10.7
Knoxville, TN	Knox, TN	warm	13	Macon, NC	20.7	18.1	79.4	19.6
Knoxville, TN	Knox, TN	warm	13	Macon, TN	8.1	11.2	167.2	11.9
Knoxville, TN	Knox, TN	warm	13	Madison, NC	10.1	11.0	61.7	20.7
Knoxville, TN	Knox, TN	warm	13	Marion, TN	17.5	15.2	295.5	23.5
Knoxville, TN	Knox, TN	warm	13	Mc Creary, KY	9.3	8.4	109.8	13.1
Knoxville, TN	Knox, TN	warm	13	Mc Dowell, NC	25.0	21.4	220.9	30.8
Knoxville, TN	Knox, TN	warm	13	McMinn, TN	31.3	72.3	681.3	532.3
Knoxville, TN	Knox, TN	warm	13	Meigs, TN	5.4	7.8	66.7	13.3
Knoxville, TN	Knox, TN	warm	13	Mitchell, NC	10.1	11.2	87.1	20.8
Knoxville, TN	Knox, TN	warm	13	Monroe, KY	5.9	10.5	32.0	12.3
Knoxville, TN	Knox, TN	warm	13	Monroe, TN	26.7	26.7	202.6	41.6
Knoxville, TN	Knox, TN	warm	13	Morgan, TN	8.1	8.7	72.9	8.4
Knoxville, TN	Knox, TN	warm	13	Murray, GA	14.2	22.9	146.1	65.5
Knoxville, TN	Knox, TN	warm	13	Norton, VA	0.7	1.0	34.5	2.6
Knoxville, TN	Knox, TN	warm	13	Oconee, SC	29.0	33.7	224.8	45.2
Knoxville, TN	Knox, TN	warm	13	Overton, TN	7.8	9.9	50.6	9.9
Knoxville, TN	Knox, TN	warm	13	Owsley, KY	2.9	5.3	8.7	1.4
Knoxville, TN	Knox, TN	warm	13	Perry, KY	22.9	23.7	129.7	21.7
Knoxville, TN	Knox, TN	warm	13	Pickens, SC	33.1	41.0	302.2	124.8
Knoxville, TN	Knox, TN	warm	13	Pickett, TN	2.7	5.1	15.1	4.1
Knoxville, TN	Knox, TN	warm	13	Pike, KY	31.4	35.1	324.9	32.8
Knoxville, TN	Knox, TN	warm	13	Polk, NC	9.2	9.5	79.6	6.2
Knoxville, TN	Knox, TN	warm	13	Polk, TN	7.0	11.3	57.4	167.7
Knoxville, TN	Knox, TN	warm	13	Pulaski, KY	32.8	118.8	674.3	2050.3
Knoxville, TN	Knox, TN	warm	13	Putnam, TN	21.8	21.5	336.5	80.2
Knoxville, TN	Knox, TN	warm	13	Rabun, GA	12.9	14.8	70.2	20.7
Knoxville, TN	Knox, TN	warm	13	Rhea, TN	38.4	38.2	195.3	48.4
Knoxville, TN	Knox, TN	warm	13	Roane, TN	27.7	230.9	1509.0	4829.4
Knoxville, TN	Knox, TN	warm	13	Rockcastle, KY	9.9	9.8	161.5	14.7
Knoxville, TN	Knox, TN	warm	13	Russell, KY	9.9	13.5	65.8	24.1
Knoxville, TN	Knox, TN	warm	13	Russell, VA	15.6	77.5	736.3	2256.9
Knoxville, TN	Knox, TN	warm	13	Rutherford, NC	33.0	147.2	504.2	2424.9
Knoxville, TN	Knox, TN	warm	13	Scott, TN	17.4	34.5	93.1	33.2
Knoxville, TN	Knox, TN	warm	13	Scott, VA	12.0	12.6	82.8	14.8
Knoxville, TN	Knox, TN	warm	13	Sequatchie, TN	5.1	7.0	37.7	7.5
Knoxville, TN	Knox, TN	warm	13	Sevier, TN	33.8	26.3	244.5	24.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Knoxville, TN	Knox, TN	warm	13	Smith, TN	10.1	11.6	171.7	19.5
Knoxville, TN	Knox, TN	warm	13	Smyth, VA	15.8	21.5	178.3	47.7
Knoxville, TN	Knox, TN	warm	13	Spartanburg, SC	82.2	94.4	1219.0	290.5
Knoxville, TN	Knox, TN	warm	13	Stephens, GA	9.6	16.8	89.6	37.0
Knoxville, TN	Knox, TN	warm	13	Sullivan, TN	84.0	196.4	2435.9	2628.7
Knoxville, TN	Knox, TN	warm	13	Swain, NC	9.8	9.2	43.3	10.6
Knoxville, TN	Knox, TN	warm	13	Tazewell, VA	17.8	18.8	151.8	24.4
Knoxville, TN	Knox, TN	warm	13	Towns, GA	7.6	9.8	31.3	2.8
Knoxville, TN	Knox, TN	warm	13	Transylvania, NC	16.4	14.7	59.2	27.8
Knoxville, TN	Knox, TN	warm	13	Trousdale, TN	3.2	6.1	38.4	6.4
Knoxville, TN	Knox, TN	warm	13	Unicoi, TN	3.9	5.7	66.1	12.1
Knoxville, TN	Knox, TN	warm	13	Union, GA	14.1	16.1	63.7	6.9
Knoxville, TN	Knox, TN	warm	13	Union, TN	8.1	15.1	77.3	15.9
Knoxville, TN	Knox, TN	warm	13	Van Buren, TN	4.0	5.7	17.9	3.7
Knoxville, TN	Knox, TN	warm	13	Walker, GA	15.3	26.3	169.2	87.4
Knoxville, TN	Knox, TN	warm	13	Warren, TN	24.2	29.1	101.6	45.2
Knoxville, TN	Knox, TN	warm	13	Washington, TN	26.6	34.6	334.7	87.2
Knoxville, TN	Knox, TN	warm	13	Washington, VA	23.0	27.1	276.6	39.1
Knoxville, TN	Knox, TN	warm	13	Watauga, NC	23.7	20.2	98.8	30.3
Knoxville, TN	Knox, TN	warm	13	Wayne, KY	10.5	12.7	56.5	22.0
Knoxville, TN	Knox, TN	warm	13	White, GA	14.9	16.3	58.9	9.2
Knoxville, TN	Knox, TN	warm	13	White, TN	10.2	12.7	66.8	22.2
Knoxville, TN	Knox, TN	warm	13	Whitfield, GA	26.8	66.0	598.0	365.8
Knoxville, TN	Knox, TN	warm	13	Whitley, KY	19.1	15.5	261.4	45.8
Knoxville, TN	Knox, TN	warm	13	Wilson, TN	31.0	32.5	453.9	63.5
Knoxville, TN	Knox, TN	warm	13	Wise, VA	16.1	16.0	137.1	15.9
Knoxville, TN	Knox, TN	warm	13	Yancey, NC	9.7	10.0	63.7	21.8
Lafayette, IN	Tippecanoe, IN	cold	5	Adams, IN	4.0	19.6	49.6	29.3
Lafayette, IN	Tippecanoe, IN	cold	5	Allen, IN	16.3	51.9	361.3	94.2
Lafayette, IN	Tippecanoe, IN	cold	5	Bartholomew, IN	5.3	21.7	78.7	33.6
Lafayette, IN	Tippecanoe, IN	cold	5	Benton, IN	2.1	17.3	19.5	2.8
Lafayette, IN	Tippecanoe, IN	cold	5	Berrien, MI	10.7	19.0	197.8	26.4
Lafayette, IN	Tippecanoe, IN	cold	5	Blackford, IN	1.4	5.7	17.5	5.2
Lafayette, IN	Tippecanoe, IN	cold	5	Boone, IN	4.5	19.7	82.7	9.4
Lafayette, IN	Tippecanoe, IN	cold	5	Brown, IN	2.3	3.2	16.4	1.4
Lafayette, IN	Tippecanoe, IN	cold	5	Carroll, IN	2.6	18.1	32.8	6.9
Lafayette, IN	Tippecanoe, IN	cold	5	Cass, IN	3.8	23.6	106.1	113.4
Lafayette, IN	Tippecanoe, IN	cold	5	Cass, MI	6.3	13.3	48.7	7.2
Lafayette, IN	Tippecanoe, IN	cold	5	Champaign, IL	11.6	38.8	204.3	20.0
Lafayette, IN	Tippecanoe, IN	cold	5	Clark, IL	3.3	11.9	39.2	2.4
Lafayette, IN	Tippecanoe, IN	cold	5	Clay, IN	4.0	13.2	39.5	6.0
Lafayette, IN	Tippecanoe, IN	cold	5	Clinton, IN	3.1	21.0	55.0	17.5
Lafayette, IN	Tippecanoe, IN	cold	5	Coles, IL	3.4	14.4	52.3	4.8
Lafayette, IN	Tippecanoe, IN	cold	5	Cook, IL	127.5	99.1	4133.6	833.8
Lafayette, IN	Tippecanoe, IN	cold	5	Crawford, IL	4.8	36.5	104.4	324.4
Lafayette, IN	Tippecanoe, IN	cold	5	Cumberland, IL	2.4	9.9	29.2	1.6
Lafayette, IN	Tippecanoe, IN	cold	5	Daviess, IN	4.3	17.0	38.4	7.4
Lafayette, IN	Tippecanoe, IN	cold	5	De Witt, IL	3.0	12.7	50.7	3.6
Lafayette, IN	Tippecanoe, IN	cold	5	Decatur, IN	3.4	19.2	54.8	15.0
Lafayette, IN	Tippecanoe, IN	cold	5	Delaware, IN	5.5	20.5	118.2	50.8
Lafayette, IN	Tippecanoe, IN	cold	5	Douglas, IL	3.7	16.3	129.9	209.5
Lafayette, IN	Tippecanoe, IN	cold	5	DuPage, IL	29.7	18.3	869.8	47.5
Lafayette, IN	Tippecanoe, IN	cold	5	Edgar, IL	3.4	18.8	35.9	3.4
Lafayette, IN	Tippecanoe, IN	cold	5	Elkhart, IN	15.9	63.7	242.9	132.6
Lafayette, IN	Tippecanoe, IN	cold	5	Fayette, IN	2.0	10.0	28.0	11.4
Lafayette, IN	Tippecanoe, IN	cold	5	Ford, IL	3.6	18.4	29.0	2.3
Lafayette, IN	Tippecanoe, IN	cold	5	Fountain, IN	2.5	14.4	40.6	7.5
Lafayette, IN	Tippecanoe, IN	cold	5	Franklin, IN	2.8	7.6	28.9	3.8
Lafayette, IN	Tippecanoe, IN	cold	5	Fulton, IN	2.5	12.1	26.2	7.4
Lafayette, IN	Tippecanoe, IN	cold	5	Grant, IN	4.3	21.8	87.9	26.8
Lafayette, IN	Tippecanoe, IN	cold	5	Greene, IN	3.3	9.7	36.9	6.0
Lafayette, IN	Tippecanoe, IN	cold	5	Grundy, IL	5.9	19.4	95.7	8.5
Lafayette, IN	Tippecanoe, IN	cold	5	Hamilton, IN	10.2	30.5	188.4	28.9
Lafayette, IN	Tippecanoe, IN	cold	5	Hancock, IN	4.0	17.9	74.2	10.1
Lafayette, IN	Tippecanoe, IN	cold	5	Hendricks, IN	7.5	23.7	136.8	14.2
Lafayette, IN	Tippecanoe, IN	cold	5	Henry, IN	4.1	22.1	77.8	10.7
Lafayette, IN	Tippecanoe, IN	cold	5	Howard, IN	4.2	30.7	76.3	56.2
Lafayette, IN	Tippecanoe, IN	cold	5	Huntington, IN	3.8	17.1	73.2	16.6
Lafayette, IN	Tippecanoe, IN	cold	5	Iroquois, IL	7.2	35.0	86.9	6.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Lafayette, IN	Tippecanoe, IN	cold	5	Jackson, IN	5.4	14.7	79.6	19.1
Lafayette, IN	Tippecanoe, IN	cold	5	Jasper, IL	3.2	24.7	137.9	498.0
Lafayette, IN	Tippecanoe, IN	cold	5	Jasper, IN	6.6	50.4	474.1	960.5
Lafayette, IN	Tippecanoe, IN	cold	5	Jay, IN	2.6	15.4	32.2	15.4
Lafayette, IN	Tippecanoe, IN	cold	5	Johnson, IN	5.2	19.9	110.9	22.3
Lafayette, IN	Tippecanoe, IN	cold	5	Kane, IL	17.3	29.1	389.8	24.5
Lafayette, IN	Tippecanoe, IN	cold	5	Kankakee, IL	9.9	28.6	173.4	8.6
Lafayette, IN	Tippecanoe, IN	cold	5	Kendall, IL	5.4	13.5	87.2	8.3
Lafayette, IN	Tippecanoe, IN	cold	5	Knox, IN	4.2	24.3	89.5	175.1
Lafayette, IN	Tippecanoe, IN	cold	5	Kosciusko, IN	7.2	32.0	113.9	40.6
Lafayette, IN	Tippecanoe, IN	cold	5	La Salle, IL	11.8	50.6	279.1	115.8
Lafayette, IN	Tippecanoe, IN	cold	5	Lagrange, IN	5.9	15.3	74.6	18.2
Lafayette, IN	Tippecanoe, IN	cold	5	Lake, IL	25.2	34.6	695.2	347.1
Lafayette, IN	Tippecanoe, IN	cold	5	Lake, IN	28.7	105.7	1278.4	931.6
Lafayette, IN	Tippecanoe, IN	cold	5	LaPorte, IN	9.0	38.1	282.7	425.4
Lafayette, IN	Tippecanoe, IN	cold	5	Lawrence, IN	5.0	14.1	158.5	107.0
Lafayette, IN	Tippecanoe, IN	cold	5	Livingston, IL	8.3	37.0	79.8	5.4
Lafayette, IN	Tippecanoe, IN	cold	5	Logan, IL	7.1	24.3	64.3	17.2
Lafayette, IN	Tippecanoe, IN	cold	5	Macon, IL	7.7	38.5	307.8	331.0
Lafayette, IN	Tippecanoe, IN	cold	5	Madison, IN	6.2	27.5	128.0	32.2
Lafayette, IN	Tippecanoe, IN	cold	5	Marion, IN	29.4	110.1	888.5	1436.3
Lafayette, IN	Tippecanoe, IN	cold	5	Marshall, IN	4.8	20.7	72.7	20.0
Lafayette, IN	Tippecanoe, IN	cold	5	Martin, IN	1.7	5.0	19.7	2.5
Lafayette, IN	Tippecanoe, IN	cold	5	McHenry, IL	14.9	34.0	223.9	14.0
Lafayette, IN	Tippecanoe, IN	cold	5	McLean, IL	12.6	28.6	229.8	13.2
Lafayette, IN	Tippecanoe, IN	cold	5	Miami, IN	3.0	16.8	42.1	11.4
Lafayette, IN	Tippecanoe, IN	cold	5	Monroe, IN	6.9	18.8	89.9	93.8
Lafayette, IN	Tippecanoe, IN	cold	5	Montgomery, IN	6.0	23.6	86.2	30.3
Lafayette, IN	Tippecanoe, IN	cold	5	Morgan, IN	5.7	29.7	156.7	448.5
Lafayette, IN	Tippecanoe, IN	cold	5	Moultrie, IL	2.1	11.4	27.5	2.0
Lafayette, IN	Tippecanoe, IN	cold	5	Newton, IN	4.0	14.0	27.5	4.7
Lafayette, IN	Tippecanoe, IN	cold	5	Noble, IN	5.8	23.3	86.5	30.0
Lafayette, IN	Tippecanoe, IN	cold	5	Owen, IN	2.5	6.0	26.1	4.4
Lafayette, IN	Tippecanoe, IN	cold	5	Parke, IN	2.0	8.9	52.8	2.6
Lafayette, IN	Tippecanoe, IN	cold	5	Piatt, IL	3.3	15.7	77.3	2.7
Lafayette, IN	Tippecanoe, IN	cold	5	Porter, IN	16.9	66.4	705.9	576.8
Lafayette, IN	Tippecanoe, IN	cold	5	Pulaski, IN	2.6	8.6	23.1	4.1
Lafayette, IN	Tippecanoe, IN	cold	5	Putnam, IN	4.1	12.4	111.0	16.5
Lafayette, IN	Tippecanoe, IN	cold	5	Randolph, IN	4.2	17.8	61.0	16.1
Lafayette, IN	Tippecanoe, IN	cold	5	Rush, IN	2.3	16.3	28.1	5.2
Lafayette, IN	Tippecanoe, IN	cold	5	Shelby, IL	5.8	18.9	88.1	5.8
Lafayette, IN	Tippecanoe, IN	cold	5	Shelby, IN	5.6	25.2	106.4	18.1
Lafayette, IN	Tippecanoe, IN	cold	5	St. Joseph, IN	9.9	31.6	252.7	167.0
Lafayette, IN	Tippecanoe, IN	cold	5	St. Joseph, MI	6.4	14.7	79.7	23.0
Lafayette, IN	Tippecanoe, IN	cold	5	Starke, IN	2.8	8.7	41.5	4.4
Lafayette, IN	Tippecanoe, IN	cold	5	Sullivan, IN	4.4	29.6	267.8	494.6
Lafayette, IN	Tippecanoe, IN	cold	5	Tazewell, IL	10.9	52.8	914.8	863.6
Lafayette, IN	Tippecanoe, IN	cold	5	Tippecanoe, IN	10.0	42.4	202.0	195.4
Lafayette, IN	Tippecanoe, IN	cold	5	Tipton, IN	1.7	14.6	20.2	3.7
Lafayette, IN	Tippecanoe, IN	cold	5	Van Buren, MI	7.8	15.4	69.7	10.7
Lafayette, IN	Tippecanoe, IN	cold	5	Vermilion, IL	8.4	43.0	151.6	293.9
Lafayette, IN	Tippecanoe, IN	cold	5	Vermillion, IN	4.7	58.3	332.3	1876.6
Lafayette, IN	Tippecanoe, IN	cold	5	Vigo, IN	9.5	75.7	347.0	1668.1
Lafayette, IN	Tippecanoe, IN	cold	5	Wabash, IN	3.8	23.2	59.7	43.9
Lafayette, IN	Tippecanoe, IN	cold	5	Warren, IN	1.6	12.2	23.0	2.7
Lafayette, IN	Tippecanoe, IN	cold	5	Wayne, IN	5.5	34.5	117.8	303.4
Lafayette, IN	Tippecanoe, IN	cold	5	Wells, IN	2.9	17.9	36.2	9.6
Lafayette, IN	Tippecanoe, IN	cold	5	White, IN	3.7	20.2	56.5	10.5
Lafayette, IN	Tippecanoe, IN	cold	5	Whitley, IN	3.5	14.2	54.8	13.6
Lafayette, IN	Tippecanoe, IN	cold	5	Will, IL	29.2	86.6	1085.6	1858.3
Lafayette, IN	Tippecanoe, IN	cold	5	Woodford, IL	3.9	17.5	53.3	4.4
Lafayette, IN	Tippecanoe, IN	warm	15	Adams, IN	16.8	81.6	206.1	121.8
Lafayette, IN	Tippecanoe, IN	warm	15	Allen, IN	67.9	215.7	1501.9	391.5
Lafayette, IN	Tippecanoe, IN	warm	15	Bartholomew, IN	22.2	90.0	327.3	139.9
Lafayette, IN	Tippecanoe, IN	warm	15	Benton, IN	8.7	72.0	81.1	11.7
Lafayette, IN	Tippecanoe, IN	warm	15	Berrien, MI	44.4	79.2	822.1	109.8
Lafayette, IN	Tippecanoe, IN	warm	15	Blackford, IN	5.6	23.7	72.6	21.8
Lafayette, IN	Tippecanoe, IN	warm	15	Boone, IN	18.5	82.0	343.8	39.3
Lafayette, IN	Tippecanoe, IN	warm	15	Brown, IN	9.6	13.5	68.1	5.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Lafayette, IN	Tippecanoe, IN	warm	15	Carroll, IN	11.0	75.2	136.4	28.7
Lafayette, IN	Tippecanoe, IN	warm	15	Cass, IN	15.7	97.9	441.1	471.4
Lafayette, IN	Tippecanoe, IN	warm	15	Cass, MI	26.3	55.4	202.4	30.0
Lafayette, IN	Tippecanoe, IN	warm	15	Champaign, IL	48.4	161.2	849.4	83.2
Lafayette, IN	Tippecanoe, IN	warm	15	Clark, IL	13.7	49.5	163.1	9.9
Lafayette, IN	Tippecanoe, IN	warm	15	Clay, IN	16.4	54.7	164.3	24.9
Lafayette, IN	Tippecanoe, IN	warm	15	Clinton, IN	12.8	87.3	228.8	72.8
Lafayette, IN	Tippecanoe, IN	warm	15	Coles, IL	14.3	59.7	217.5	20.0
Lafayette, IN	Tippecanoe, IN	warm	15	Cook, IL	530.1	412.0	17183.0	3466.1
Lafayette, IN	Tippecanoe, IN	warm	15	Crawford, IL	20.0	151.9	434.0	1348.3
Lafayette, IN	Tippecanoe, IN	warm	15	Cumberland, IL	10.1	41.0	121.4	6.7
Lafayette, IN	Tippecanoe, IN	warm	15	Daviess, IN	17.9	70.8	159.5	30.7
Lafayette, IN	Tippecanoe, IN	warm	15	De Witt, IL	12.6	52.8	210.9	15.0
Lafayette, IN	Tippecanoe, IN	warm	15	Decatur, IN	14.1	79.6	227.9	62.3
Lafayette, IN	Tippecanoe, IN	warm	15	Delaware, IN	22.9	85.4	491.4	211.1
Lafayette, IN	Tippecanoe, IN	warm	15	Douglas, IL	15.4	67.6	539.9	870.9
Lafayette, IN	Tippecanoe, IN	warm	15	DuPage, IL	123.4	76.1	3615.7	197.3
Lafayette, IN	Tippecanoe, IN	warm	15	Edgar, IL	14.2	78.2	149.1	14.2
Lafayette, IN	Tippecanoe, IN	warm	15	Elkhart, IN	66.3	264.8	1009.7	551.0
Lafayette, IN	Tippecanoe, IN	warm	15	Fayette, IN	8.3	41.5	116.2	47.4
Lafayette, IN	Tippecanoe, IN	warm	15	Ford, IL	15.0	76.5	120.6	9.6
Lafayette, IN	Tippecanoe, IN	warm	15	Fountain, IN	10.4	60.1	168.6	31.2
Lafayette, IN	Tippecanoe, IN	warm	15	Franklin, IN	11.5	31.6	120.0	16.0
Lafayette, IN	Tippecanoe, IN	warm	15	Fulton, IN	10.2	50.2	109.1	30.9
Lafayette, IN	Tippecanoe, IN	warm	15	Grant, IN	18.0	90.7	365.6	111.4
Lafayette, IN	Tippecanoe, IN	warm	15	Greene, IN	13.9	40.3	153.5	24.8
Lafayette, IN	Tippecanoe, IN	warm	15	Grundy, IL	24.3	80.6	397.8	35.5
Lafayette, IN	Tippecanoe, IN	warm	15	Hamilton, IN	42.3	126.6	783.1	120.2
Lafayette, IN	Tippecanoe, IN	warm	15	Hancock, IN	16.7	74.2	308.3	42.2
Lafayette, IN	Tippecanoe, IN	warm	15	Hendricks, IN	31.3	98.4	568.6	59.0
Lafayette, IN	Tippecanoe, IN	warm	15	Henry, IN	17.2	91.7	323.2	44.5
Lafayette, IN	Tippecanoe, IN	warm	15	Howard, IN	17.6	127.6	317.0	233.8
Lafayette, IN	Tippecanoe, IN	warm	15	Huntington, IN	15.9	71.1	304.4	68.9
Lafayette, IN	Tippecanoe, IN	warm	15	Iroquois, IL	29.9	145.3	361.1	26.8
Lafayette, IN	Tippecanoe, IN	warm	15	Jackson, IN	22.4	61.1	331.1	79.6
Lafayette, IN	Tippecanoe, IN	warm	15	Jasper, IL	13.3	102.6	573.3	2070.1
Lafayette, IN	Tippecanoe, IN	warm	15	Jasper, IN	27.5	209.6	1970.9	3992.5
Lafayette, IN	Tippecanoe, IN	warm	15	Jay, IN	10.9	64.1	133.7	64.0
Lafayette, IN	Tippecanoe, IN	warm	15	Johnson, IN	21.7	82.8	461.1	92.6
Lafayette, IN	Tippecanoe, IN	warm	15	Kane, IL	71.9	120.9	1620.3	101.7
Lafayette, IN	Tippecanoe, IN	warm	15	Kankakee, IL	41.1	118.9	720.7	35.9
Lafayette, IN	Tippecanoe, IN	warm	15	Kendall, IL	22.6	56.2	362.4	34.4
Lafayette, IN	Tippecanoe, IN	warm	15	Knox, IN	17.5	101.1	371.8	727.7
Lafayette, IN	Tippecanoe, IN	warm	15	Kosciusko, IN	30.0	133.1	473.5	168.9
Lafayette, IN	Tippecanoe, IN	warm	15	La Salle, IL	49.2	210.2	1160.1	481.3
Lafayette, IN	Tippecanoe, IN	warm	15	Lagrange, IN	24.6	63.7	310.0	75.5
Lafayette, IN	Tippecanoe, IN	warm	15	Lake, IL	104.9	143.9	2890.0	1443.0
Lafayette, IN	Tippecanoe, IN	warm	15	Lake, IN	119.5	439.5	5314.0	3872.6
Lafayette, IN	Tippecanoe, IN	warm	15	LaPorte, IN	37.3	158.3	1175.0	1768.4
Lafayette, IN	Tippecanoe, IN	warm	15	Lawrence, IN	21.0	58.8	658.9	444.9
Lafayette, IN	Tippecanoe, IN	warm	15	Livingston, IL	34.5	153.8	331.6	22.6
Lafayette, IN	Tippecanoe, IN	warm	15	Logan, IL	29.4	101.1	267.4	71.4
Lafayette, IN	Tippecanoe, IN	warm	15	Macon, IL	31.9	160.2	1279.4	1375.9
Lafayette, IN	Tippecanoe, IN	warm	15	Madison, IN	25.7	114.3	532.0	133.8
Lafayette, IN	Tippecanoe, IN	warm	15	Marion, IN	122.1	457.5	3693.4	5970.4
Lafayette, IN	Tippecanoe, IN	warm	15	Marshall, IN	20.1	86.1	302.3	83.2
Lafayette, IN	Tippecanoe, IN	warm	15	Martin, IN	6.9	20.8	81.7	10.3
Lafayette, IN	Tippecanoe, IN	warm	15	McHenry, IL	62.1	141.5	930.7	58.1
Lafayette, IN	Tippecanoe, IN	warm	15	McLean, IL	52.4	118.8	955.2	54.7
Lafayette, IN	Tippecanoe, IN	warm	15	Miami, IN	12.5	69.6	175.1	47.5
Lafayette, IN	Tippecanoe, IN	warm	15	Monroe, IN	28.6	78.1	373.9	389.9
Lafayette, IN	Tippecanoe, IN	warm	15	Montgomery, IN	24.8	98.1	358.4	126.1
Lafayette, IN	Tippecanoe, IN	warm	15	Morgan, IN	23.5	123.6	651.3	1864.3
Lafayette, IN	Tippecanoe, IN	warm	15	Moultrie, IL	8.9	47.4	114.2	8.3
Lafayette, IN	Tippecanoe, IN	warm	15	Newton, IN	16.7	58.3	114.2	19.4
Lafayette, IN	Tippecanoe, IN	warm	15	Noble, IN	24.0	96.9	359.6	124.6
Lafayette, IN	Tippecanoe, IN	warm	15	Owen, IN	10.4	25.0	108.4	18.4
Lafayette, IN	Tippecanoe, IN	warm	15	Parke, IN	8.3	36.9	219.4	10.8
Lafayette, IN	Tippecanoe, IN	warm	15	Piatt, IL	13.8	65.2	321.1	11.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Lafayette, IN	Tippecanoe, IN	warm	15	Porter, IN	70.4	275.9	2934.4	2397.8
Lafayette, IN	Tippecanoe, IN	warm	15	Pulaski, IN	10.8	35.9	95.8	17.2
Lafayette, IN	Tippecanoe, IN	warm	15	Putnam, IN	16.9	51.5	461.3	68.6
Lafayette, IN	Tippecanoe, IN	warm	15	Randolph, IN	17.4	73.9	253.4	67.1
Lafayette, IN	Tippecanoe, IN	warm	15	Rush, IN	9.6	67.9	116.8	21.5
Lafayette, IN	Tippecanoe, IN	warm	15	Shelby, IL	24.1	78.5	366.2	24.1
Lafayette, IN	Tippecanoe, IN	warm	15	Shelby, IN	23.4	104.7	442.3	75.3
Lafayette, IN	Tippecanoe, IN	warm	15	St. Joseph, IN	41.0	131.4	1050.5	694.1
Lafayette, IN	Tippecanoe, IN	warm	15	St. Joseph, MI	26.7	60.9	331.4	95.6
Lafayette, IN	Tippecanoe, IN	warm	15	Starke, IN	11.8	36.1	172.5	18.2
Lafayette, IN	Tippecanoe, IN	warm	15	Sullivan, IN	18.5	123.1	1113.1	2056.0
Lafayette, IN	Tippecanoe, IN	warm	15	Tazewell, IL	45.5	219.4	3802.7	3589.8
Lafayette, IN	Tippecanoe, IN	warm	15	Tippecanoe, IN	41.6	176.1	839.8	812.4
Lafayette, IN	Tippecanoe, IN	warm	15	Tipton, IN	7.1	60.9	84.1	15.5
Lafayette, IN	Tippecanoe, IN	warm	15	Van Buren, MI	32.4	63.8	289.7	44.4
Lafayette, IN	Tippecanoe, IN	warm	15	Vermilion, IL	35.1	178.8	630.1	1221.7
Lafayette, IN	Tippecanoe, IN	warm	15	Vermillion, IN	19.5	242.5	1381.4	7800.7
Lafayette, IN	Tippecanoe, IN	warm	15	Vigo, IN	39.7	314.7	1442.2	6934.2
Lafayette, IN	Tippecanoe, IN	warm	15	Wabash, IN	15.8	96.5	248.4	182.4
Lafayette, IN	Tippecanoe, IN	warm	15	Warren, IN	6.6	50.7	95.4	11.2
Lafayette, IN	Tippecanoe, IN	warm	15	Wayne, IN	22.9	143.3	489.5	1261.0
Lafayette, IN	Tippecanoe, IN	warm	15	Wells, IN	12.2	74.4	150.7	40.0
Lafayette, IN	Tippecanoe, IN	warm	15	White, IN	15.3	84.0	234.8	43.7
Lafayette, IN	Tippecanoe, IN	warm	15	Whitley, IN	14.5	59.2	227.8	56.5
Lafayette, IN	Tippecanoe, IN	warm	15	Will, IL	121.2	360.1	4512.5	7724.7
Lafayette, IN	Tippecanoe, IN	warm	15	Woodford, IL	16.0	72.9	221.6	18.4
Lancaster, PA	Lancaster, PA	cold	10	Adams, PA	20.9	31.9	133.3	27.4
Lancaster, PA	Lancaster, PA	cold	10	Alexandria (City), VA	7.0	39.0	287.2	424.1
Lancaster, PA	Lancaster, PA	cold	10	Allegany, MD	20.0	32.6	401.2	1078.6
Lancaster, PA	Lancaster, PA	cold	10	Allegany, NY	30.1	27.2	92.5	25.2
Lancaster, PA	Lancaster, PA	cold	10	Anne Arundel, MD	61.8	148.1	1583.6	3328.7
Lancaster, PA	Lancaster, PA	cold	10	Arlington, VA	16.6	14.4	308.6	49.7
Lancaster, PA	Lancaster, PA	cold	10	Atlantic, NJ	49.3	28.4	344.8	35.5
Lancaster, PA	Lancaster, PA	cold	10	Baltimore (City), MD	36.7	58.4	899.1	538.1
Lancaster, PA	Lancaster, PA	cold	10	Baltimore, MD	89.2	185.4	1625.8	2105.0
Lancaster, PA	Lancaster, PA	cold	10	Bedford, PA	13.7	14.1	213.8	36.8
Lancaster, PA	Lancaster, PA	cold	10	Berkeley, WV	23.5	33.3	342.5	113.0
Lancaster, PA	Lancaster, PA	cold	10	Berks, PA	43.5	103.7	853.1	890.3
Lancaster, PA	Lancaster, PA	cold	10	Blair, PA	14.8	20.0	236.6	112.0
Lancaster, PA	Lancaster, PA	cold	10	Bradford, PA	16.1	17.7	110.0	35.1
Lancaster, PA	Lancaster, PA	cold	10	Bucks, PA	41.3	50.1	792.1	186.4
Lancaster, PA	Lancaster, PA	cold	10	Burlington, NJ	53.6	34.8	734.4	158.8
Lancaster, PA	Lancaster, PA	cold	10	Calvert, MD	15.8	14.2	88.1	20.0
Lancaster, PA	Lancaster, PA	cold	10	Cambria, PA	15.3	22.5	291.4	365.7
Lancaster, PA	Lancaster, PA	cold	10	Camden, NJ	28.1	15.8	653.4	86.8
Lancaster, PA	Lancaster, PA	cold	10	Cameron, PA	1.8	3.1	13.7	3.6
Lancaster, PA	Lancaster, PA	cold	10	Cape May, NJ	28.2	44.4	368.5	514.0
Lancaster, PA	Lancaster, PA	cold	10	Carbon, PA	14.7	14.9	137.4	67.5
Lancaster, PA	Lancaster, PA	cold	10	Caroline, MD	5.6	10.3	52.4	26.7
Lancaster, PA	Lancaster, PA	cold	10	Carroll, MD	30.8	38.7	302.3	69.6
Lancaster, PA	Lancaster, PA	cold	10	Cecil, MD	21.0	19.3	186.9	61.2
Lancaster, PA	Lancaster, PA	cold	10	Centre, PA	22.0	31.1	313.7	269.3
Lancaster, PA	Lancaster, PA	cold	10	Charles, MD	28.9	119.3	804.6	3834.0
Lancaster, PA	Lancaster, PA	cold	10	Chemung, NY	18.7	23.6	161.2	74.8
Lancaster, PA	Lancaster, PA	cold	10	Chester, PA	37.7	57.9	778.6	376.9
Lancaster, PA	Lancaster, PA	cold	10	Clarke, VA	4.1	6.5	44.5	6.4
Lancaster, PA	Lancaster, PA	cold	10	Clearfield, PA	23.7	113.6	532.0	2287.6
Lancaster, PA	Lancaster, PA	cold	10	Clinton, PA	9.6	8.4	136.1	26.5
Lancaster, PA	Lancaster, PA	cold	10	Columbia, PA	9.5	15.1	124.9	37.4
Lancaster, PA	Lancaster, PA	cold	10	Cumberland, NJ	20.7	19.3	307.8	150.8
Lancaster, PA	Lancaster, PA	cold	10	Cumberland, PA	32.9	40.6	681.8	93.2
Lancaster, PA	Lancaster, PA	cold	10	Dauphin, PA	24.9	24.2	591.9	115.2
Lancaster, PA	Lancaster, PA	cold	10	Delaware, PA	40.8	58.5	1552.1	960.2
Lancaster, PA	Lancaster, PA	cold	10	District of Columbia, DC	31.1	17.0	630.9	193.0
Lancaster, PA	Lancaster, PA	cold	10	Dorchester, MD	10.5	15.8	92.5	106.1
Lancaster, PA	Lancaster, PA	cold	10	Fairfax (City), VA	1.7	3.8	20.4	4.1
Lancaster, PA	Lancaster, PA	cold	10	Fairfax, VA	58.2	53.5	1500.9	169.5
Lancaster, PA	Lancaster, PA	cold	10	Fauquier, VA	20.8	19.8	193.4	16.9
Lancaster, PA	Lancaster, PA	cold	10	Franklin, PA	18.1	31.0	258.0	40.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Lancaster, PA	Lancaster, PA	cold	10	Frederick, MD	49.6	63.1	533.7	437.5
Lancaster, PA	Lancaster, PA	cold	10	Fulton, PA	5.1	6.9	85.0	12.2
Lancaster, PA	Lancaster, PA	cold	10	Gloucester, NJ	31.9	36.2	599.6	335.6
Lancaster, PA	Lancaster, PA	cold	10	Harford, MD	41.5	40.3	344.8	108.8
Lancaster, PA	Lancaster, PA	cold	10	Howard, MD	28.2	21.4	466.6	113.4
Lancaster, PA	Lancaster, PA	cold	10	Hunterdon, NJ	21.4	14.4	183.1	26.2
Lancaster, PA	Lancaster, PA	cold	10	Huntingdon, PA	12.1	14.0	119.2	37.3
Lancaster, PA	Lancaster, PA	cold	10	Jefferson, WV	11.4	15.5	129.2	27.9
Lancaster, PA	Lancaster, PA	cold	10	Juniata, PA	5.9	7.6	85.2	11.9
Lancaster, PA	Lancaster, PA	cold	10	Kent, DE	20.5	24.0	428.7	211.2
Lancaster, PA	Lancaster, PA	cold	10	Kent, MD	7.6	12.9	47.3	22.2
Lancaster, PA	Lancaster, PA	cold	10	Lackawanna, PA	15.8	21.4	314.1	60.2
Lancaster, PA	Lancaster, PA	cold	10	Lancaster, PA	54.7	92.9	773.4	189.5
Lancaster, PA	Lancaster, PA	cold	10	Lebanon, PA	16.0	23.1	277.2	83.9
Lancaster, PA	Lancaster, PA	cold	10	Lehigh, PA	23.6	34.4	542.6	176.8
Lancaster, PA	Lancaster, PA	cold	10	Loudoun, VA	22.9	22.8	394.8	48.4
Lancaster, PA	Lancaster, PA	cold	10	Luzerne, PA	36.9	38.2	490.0	337.6
Lancaster, PA	Lancaster, PA	cold	10	Lycoming, PA	14.5	16.5	202.4	51.3
Lancaster, PA	Lancaster, PA	cold	10	McKean, PA	10.0	16.9	153.5	185.2
Lancaster, PA	Lancaster, PA	cold	10	Mercer, NJ	27.3	44.5	832.1	843.9
Lancaster, PA	Lancaster, PA	cold	10	Middlesex, NJ	44.9	23.1	1376.0	147.6
Lancaster, PA	Lancaster, PA	cold	10	Mifflin, PA	11.5	13.6	127.1	23.1
Lancaster, PA	Lancaster, PA	cold	10	Monmouth, NJ	46.6	22.5	791.1	84.4
Lancaster, PA	Lancaster, PA	cold	10	Monroe, PA	27.8	25.2	247.4	48.2
Lancaster, PA	Lancaster, PA	cold	10	Montgomery, MD	98.8	208.9	1262.4	1971.7
Lancaster, PA	Lancaster, PA	cold	10	Montgomery, PA	52.8	64.2	1099.3	255.2
Lancaster, PA	Lancaster, PA	cold	10	Montour, PA	19.8	300.5	660.7	6025.9
Lancaster, PA	Lancaster, PA	cold	10	Morgan, WV	4.3	6.8	50.6	7.5
Lancaster, PA	Lancaster, PA	cold	10	Morris, NJ	45.0	24.6	649.7	55.5
Lancaster, PA	Lancaster, PA	cold	10	New Castle, DE	42.0	56.5	1334.5	2403.6
Lancaster, PA	Lancaster, PA	cold	10	Northampton, PA	31.4	176.4	1161.3	2848.8
Lancaster, PA	Lancaster, PA	cold	10	Northumberland, PA	14.5	18.9	162.4	71.0
Lancaster, PA	Lancaster, PA	cold	10	Ocean, NJ	46.9	24.7	451.8	50.0
Lancaster, PA	Lancaster, PA	cold	10	Perry, PA	11.0	11.6	118.6	20.9
Lancaster, PA	Lancaster, PA	cold	10	Philadelphia, PA	58.9	45.5	1827.0	532.7
Lancaster, PA	Lancaster, PA	cold	10	Pike, PA	19.7	17.6	111.0	12.5
Lancaster, PA	Lancaster, PA	cold	10	Potter, PA	6.2	6.7	92.0	8.7
Lancaster, PA	Lancaster, PA	cold	10	Prince George's, MD	72.2	210.6	1649.0	3018.0
Lancaster, PA	Lancaster, PA	cold	10	Prince William, VA	25.1	30.1	561.6	339.6
Lancaster, PA	Lancaster, PA	cold	10	Queen Anne's, MD	12.3	18.4	97.9	22.6
Lancaster, PA	Lancaster, PA	cold	10	Salem, NJ	14.8	35.9	341.5	280.5
Lancaster, PA	Lancaster, PA	cold	10	Schuylkill, PA	25.8	30.0	293.4	341.5
Lancaster, PA	Lancaster, PA	cold	10	Snyder, PA	9.8	41.0	209.2	1330.2
Lancaster, PA	Lancaster, PA	cold	10	Somerset, NJ	21.3	16.0	372.0	27.2
Lancaster, PA	Lancaster, PA	cold	10	Somerset, PA	20.1	21.5	219.5	87.0
Lancaster, PA	Lancaster, PA	cold	10	Steuben, NY	45.6	46.1	255.3	67.0
Lancaster, PA	Lancaster, PA	cold	10	Sullivan, PA	4.4	4.9	14.5	3.0
Lancaster, PA	Lancaster, PA	cold	10	Susquehanna, PA	12.3	12.5	97.5	15.7
Lancaster, PA	Lancaster, PA	cold	10	Sussex, DE	36.7	98.4	839.2	1285.5
Lancaster, PA	Lancaster, PA	cold	10	Sussex, NJ	35.1	24.2	128.6	31.5
Lancaster, PA	Lancaster, PA	cold	10	Talbot, MD	12.8	15.1	124.2	37.7
Lancaster, PA	Lancaster, PA	cold	10	Tioga, NY	22.1	22.5	100.2	40.7
Lancaster, PA	Lancaster, PA	cold	10	Tioga, PA	11.6	14.9	94.8	15.0
Lancaster, PA	Lancaster, PA	cold	10	Union, PA	6.8	9.2	93.8	16.9
Lancaster, PA	Lancaster, PA	cold	10	Warren, NJ	27.7	22.7	240.0	26.6
Lancaster, PA	Lancaster, PA	cold	10	Washington, MD	28.8	36.8	475.5	307.3
Lancaster, PA	Lancaster, PA	cold	10	Wayne, PA	16.1	15.1	72.3	22.7
Lancaster, PA	Lancaster, PA	cold	10	Wicomico, MD	15.3	18.6	131.6	89.7
Lancaster, PA	Lancaster, PA	cold	10	Worcester, MD	23.5	23.8	115.8	29.0
Lancaster, PA	Lancaster, PA	cold	10	Wyoming, PA	9.9	10.8	79.9	15.9
Lancaster, PA	Lancaster, PA	cold	10	York, PA	57.4	265.9	1519.5	5595.3
Lancaster, PA	Lancaster, PA	warm	5	Adams, PA	14.5	22.1	92.3	19.0
Lancaster, PA	Lancaster, PA	warm	5	Alexandria (City), VA	4.8	27.0	199.0	293.8
Lancaster, PA	Lancaster, PA	warm	5	Allegany, MD	13.8	22.6	277.9	747.3
Lancaster, PA	Lancaster, PA	warm	5	Allegany, NY	20.9	18.8	64.1	17.5
Lancaster, PA	Lancaster, PA	warm	5	Anne Arundel, MD	42.8	102.6	1097.1	2306.1
Lancaster, PA	Lancaster, PA	warm	5	Arlington, VA	11.5	10.0	213.8	34.5
Lancaster, PA	Lancaster, PA	warm	5	Atlantic, NJ	34.2	19.7	238.9	24.6
Lancaster, PA	Lancaster, PA	warm	5	Baltimore (City), MD	25.4	40.4	622.9	372.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Lancaster, PA	Lancaster, PA	warm	5	Baltimore, MD	61.8	128.4	1126.4	1458.4
Lancaster, PA	Lancaster, PA	warm	5	Bedford, PA	9.5	9.8	148.2	25.5
Lancaster, PA	Lancaster, PA	warm	5	Berkeley, WV	16.3	23.1	237.3	78.3
Lancaster, PA	Lancaster, PA	warm	5	Berks, PA	30.1	71.8	591.0	616.8
Lancaster, PA	Lancaster, PA	warm	5	Blair, PA	10.3	13.8	163.9	77.6
Lancaster, PA	Lancaster, PA	warm	5	Bradford, PA	11.2	12.2	76.2	24.3
Lancaster, PA	Lancaster, PA	warm	5	Bucks, PA	28.6	34.7	548.8	129.1
Lancaster, PA	Lancaster, PA	warm	5	Burlington, NJ	37.2	24.1	508.8	110.0
Lancaster, PA	Lancaster, PA	warm	5	Calvert, MD	10.9	9.8	61.1	13.9
Lancaster, PA	Lancaster, PA	warm	5	Cambria, PA	10.6	15.6	201.9	253.3
Lancaster, PA	Lancaster, PA	warm	5	Camden, NJ	19.5	11.0	452.7	60.1
Lancaster, PA	Lancaster, PA	warm	5	Cameron, PA	1.3	2.2	9.5	2.5
Lancaster, PA	Lancaster, PA	warm	5	Cape May, NJ	19.5	30.8	255.3	356.1
Lancaster, PA	Lancaster, PA	warm	5	Carbon, PA	10.2	10.3	95.2	46.8
Lancaster, PA	Lancaster, PA	warm	5	Caroline, MD	3.9	7.1	36.3	18.5
Lancaster, PA	Lancaster, PA	warm	5	Carroll, MD	21.4	26.8	209.5	48.2
Lancaster, PA	Lancaster, PA	warm	5	Cecil, MD	14.6	13.3	129.5	42.4
Lancaster, PA	Lancaster, PA	warm	5	Centre, PA	15.2	21.6	217.4	186.5
Lancaster, PA	Lancaster, PA	warm	5	Charles, MD	20.0	82.7	557.4	2656.2
Lancaster, PA	Lancaster, PA	warm	5	Chemung, NY	13.0	16.3	111.7	51.8
Lancaster, PA	Lancaster, PA	warm	5	Chester, PA	26.1	40.1	539.4	261.1
Lancaster, PA	Lancaster, PA	warm	5	Clarke, VA	2.9	4.5	30.8	4.4
Lancaster, PA	Lancaster, PA	warm	5	Clearfield, PA	16.4	78.7	368.6	1584.9
Lancaster, PA	Lancaster, PA	warm	5	Clinton, PA	6.7	5.8	94.3	18.3
Lancaster, PA	Lancaster, PA	warm	5	Columbia, PA	6.6	10.5	86.5	25.9
Lancaster, PA	Lancaster, PA	warm	5	Cumberland, NJ	14.4	13.3	213.3	104.5
Lancaster, PA	Lancaster, PA	warm	5	Cumberland, PA	22.8	28.1	472.4	64.6
Lancaster, PA	Lancaster, PA	warm	5	Dauphin, PA	17.2	16.8	410.1	79.8
Lancaster, PA	Lancaster, PA	warm	5	Delaware, PA	28.3	40.5	1075.3	665.2
Lancaster, PA	Lancaster, PA	warm	5	District of Columbia, DC	21.5	11.8	437.1	133.7
Lancaster, PA	Lancaster, PA	warm	5	Dorchester, MD	7.3	10.9	64.1	73.5
Lancaster, PA	Lancaster, PA	warm	5	Fairfax (City), VA	1.2	2.6	14.1	2.9
Lancaster, PA	Lancaster, PA	warm	5	Fairfax, VA	40.3	37.1	1039.8	117.4
Lancaster, PA	Lancaster, PA	warm	5	Fauquier, VA	14.4	13.7	134.0	11.7
Lancaster, PA	Lancaster, PA	warm	5	Franklin, PA	12.6	21.5	178.8	27.8
Lancaster, PA	Lancaster, PA	warm	5	Frederick, MD	34.3	43.7	369.8	303.1
Lancaster, PA	Lancaster, PA	warm	5	Fulton, PA	3.6	4.8	58.9	8.4
Lancaster, PA	Lancaster, PA	warm	5	Gloucester, NJ	22.1	25.1	415.4	232.5
Lancaster, PA	Lancaster, PA	warm	5	Harford, MD	28.7	27.9	238.9	75.4
Lancaster, PA	Lancaster, PA	warm	5	Howard, MD	19.6	14.8	323.3	78.6
Lancaster, PA	Lancaster, PA	warm	5	Hunterdon, NJ	14.8	10.0	126.9	18.2
Lancaster, PA	Lancaster, PA	warm	5	Huntingdon, PA	8.4	9.7	82.6	25.9
Lancaster, PA	Lancaster, PA	warm	5	Jefferson, WV	7.9	10.8	89.5	19.3
Lancaster, PA	Lancaster, PA	warm	5	Juniata, PA	4.1	5.3	59.1	8.2
Lancaster, PA	Lancaster, PA	warm	5	Kent, DE	14.2	16.6	297.0	146.3
Lancaster, PA	Lancaster, PA	warm	5	Kent, MD	5.3	9.0	32.7	15.4
Lancaster, PA	Lancaster, PA	warm	5	Lackawanna, PA	10.9	14.8	217.6	41.7
Lancaster, PA	Lancaster, PA	warm	5	Lancaster, PA	37.9	64.3	535.8	131.3
Lancaster, PA	Lancaster, PA	warm	5	Lebanon, PA	11.1	16.0	192.0	58.1
Lancaster, PA	Lancaster, PA	warm	5	Lehigh, PA	16.4	23.8	375.9	122.5
Lancaster, PA	Lancaster, PA	warm	5	Loudoun, VA	15.8	15.8	273.5	33.5
Lancaster, PA	Lancaster, PA	warm	5	Luzerne, PA	25.6	26.5	339.4	233.9
Lancaster, PA	Lancaster, PA	warm	5	Lycoming, PA	10.0	11.4	140.2	35.6
Lancaster, PA	Lancaster, PA	warm	5	McKean, PA	6.9	11.7	106.4	128.3
Lancaster, PA	Lancaster, PA	warm	5	Mercer, NJ	18.9	30.8	576.5	584.7
Lancaster, PA	Lancaster, PA	warm	5	Middlesex, NJ	31.1	16.0	953.3	102.3
Lancaster, PA	Lancaster, PA	warm	5	Mifflin, PA	8.0	9.5	88.1	16.0
Lancaster, PA	Lancaster, PA	warm	5	Monmouth, NJ	32.3	15.6	548.1	58.5
Lancaster, PA	Lancaster, PA	warm	5	Monroe, PA	19.3	17.5	171.4	33.4
Lancaster, PA	Lancaster, PA	warm	5	Montgomery, MD	68.4	144.7	874.6	1366.0
Lancaster, PA	Lancaster, PA	warm	5	Montgomery, PA	36.6	44.5	761.6	176.8
Lancaster, PA	Lancaster, PA	warm	5	Montour, PA	13.7	208.2	457.7	4174.8
Lancaster, PA	Lancaster, PA	warm	5	Morgan, WV	3.0	4.7	35.0	5.2
Lancaster, PA	Lancaster, PA	warm	5	Morris, NJ	31.2	17.0	450.1	38.5
Lancaster, PA	Lancaster, PA	warm	5	New Castle, DE	29.1	39.2	924.6	1665.2
Lancaster, PA	Lancaster, PA	warm	5	Northampton, PA	21.7	122.2	804.6	1973.7
Lancaster, PA	Lancaster, PA	warm	5	Northumberland, PA	10.1	13.1	112.5	49.2
Lancaster, PA	Lancaster, PA	warm	5	Ocean, NJ	32.5	17.1	313.0	34.6
Lancaster, PA	Lancaster, PA	warm	5	Perry, PA	7.6	8.0	82.2	14.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Lancaster, PA	Lancaster, PA	warm	5	Philadelphia, PA	40.8	31.5	1265.8	369.0
Lancaster, PA	Lancaster, PA	warm	5	Pike, PA	13.7	12.2	76.9	8.7
Lancaster, PA	Lancaster, PA	warm	5	Potter, PA	4.3	4.6	63.7	6.0
Lancaster, PA	Lancaster, PA	warm	5	Prince George's, MD	50.0	145.9	1142.5	2090.9
Lancaster, PA	Lancaster, PA	warm	5	Prince William, VA	17.4	20.8	389.1	235.2
Lancaster, PA	Lancaster, PA	warm	5	Queen Anne's, MD	8.5	12.7	67.8	15.7
Lancaster, PA	Lancaster, PA	warm	5	Salem, NJ	10.3	24.9	236.6	194.3
Lancaster, PA	Lancaster, PA	warm	5	Schuylkill, PA	17.9	20.8	203.2	236.6
Lancaster, PA	Lancaster, PA	warm	5	Snyder, PA	6.8	28.4	144.9	921.5
Lancaster, PA	Lancaster, PA	warm	5	Somerset, NJ	14.7	11.1	257.7	18.8
Lancaster, PA	Lancaster, PA	warm	5	Somerset, PA	13.9	14.9	152.1	60.2
Lancaster, PA	Lancaster, PA	warm	5	Steuben, NY	31.6	31.9	176.9	46.4
Lancaster, PA	Lancaster, PA	warm	5	Sullivan, PA	3.0	3.4	10.0	2.1
Lancaster, PA	Lancaster, PA	warm	5	Susquehanna, PA	8.5	8.6	67.6	10.9
Lancaster, PA	Lancaster, PA	warm	5	Sussex, DE	25.4	68.2	581.4	890.6
Lancaster, PA	Lancaster, PA	warm	5	Sussex, NJ	24.3	16.8	89.1	21.9
Lancaster, PA	Lancaster, PA	warm	5	Talbot, MD	8.9	10.5	86.0	26.1
Lancaster, PA	Lancaster, PA	warm	5	Tioga, NY	15.3	15.6	69.4	28.2
Lancaster, PA	Lancaster, PA	warm	5	Tioga, PA	8.0	10.3	65.6	10.4
Lancaster, PA	Lancaster, PA	warm	5	Union, PA	4.7	6.3	65.0	11.7
Lancaster, PA	Lancaster, PA	warm	5	Warren, NJ	19.2	15.7	166.3	18.4
Lancaster, PA	Lancaster, PA	warm	5	Washington, MD	19.9	25.5	329.5	212.9
Lancaster, PA	Lancaster, PA	warm	5	Wayne, PA	11.1	10.4	50.1	15.7
Lancaster, PA	Lancaster, PA	warm	5	Wicomico, MD	10.6	12.9	91.2	62.2
Lancaster, PA	Lancaster, PA	warm	5	Worcester, MD	16.3	16.5	80.2	20.1
Lancaster, PA	Lancaster, PA	warm	5	Wyoming, PA	6.9	7.5	55.3	11.0
Lancaster, PA	Lancaster, PA	warm	5	York, PA	39.8	184.2	1052.7	3876.5
Libby, MT	Lincoln, MT	cold	16	Adams, ID	24.6	14.0	50.3	7.9
Libby, MT	Lincoln, MT	cold	16	Adams, WA	19.9	95.3	276.4	17.9
Libby, MT	Lincoln, MT	cold	16	Asotin, WA	6.6	9.5	35.4	2.8
Libby, MT	Lincoln, MT	cold	16	Baker, OR	322.1	172.6	361.7	50.1
Libby, MT	Lincoln, MT	cold	16	Beaverhead, MT	23.2	29.2	95.5	6.8
Libby, MT	Lincoln, MT	cold	16	Benewah, ID	44.3	35.8	74.8	8.6
Libby, MT	Lincoln, MT	cold	16	Benton, WA	64.9	74.3	555.7	41.3
Libby, MT	Lincoln, MT	cold	16	Blaine, MT	10.4	52.8	213.1	9.8
Libby, MT	Lincoln, MT	cold	16	Boise, ID	27.5	20.2	63.7	6.6
Libby, MT	Lincoln, MT	cold	16	Bonner, ID	45.9	44.4	338.0	27.0
Libby, MT	Lincoln, MT	cold	16	Boundary, ID	38.3	35.4	84.3	8.5
Libby, MT	Lincoln, MT	cold	16	Broadwater, MT	5.9	24.2	56.1	10.8
Libby, MT	Lincoln, MT	cold	16	Butte, ID	3.5	10.3	29.6	6.8
Libby, MT	Lincoln, MT	cold	16	Carbon, MT	17.1	42.8	61.6	4.9
Libby, MT	Lincoln, MT	cold	16	Cascade, MT	27.3	70.5	244.4	71.5
Libby, MT	Lincoln, MT	cold	16	Chelan, WA	69.9	39.9	216.8	23.4
Libby, MT	Lincoln, MT	cold	16	Chouteau, MT	30.2	104.2	106.0	11.2
Libby, MT	Lincoln, MT	cold	16	Clark, ID	8.7	8.2	21.3	1.3
Libby, MT	Lincoln, MT	cold	16	Clearwater, ID	76.8	42.2	77.6	14.3
Libby, MT	Lincoln, MT	cold	16	Columbia, WA	142.1	105.3	63.6	14.1
Libby, MT	Lincoln, MT	cold	16	Custer, ID	307.2	162.0	90.9	39.4
Libby, MT	Lincoln, MT	cold	16	Deer Lodge, MT	5.3	14.4	24.5	2.0
Libby, MT	Lincoln, MT	cold	16	Douglas, WA	25.3	93.3	141.9	8.2
Libby, MT	Lincoln, MT	cold	16	Fergus, MT	19.0	53.4	75.6	9.1
Libby, MT	Lincoln, MT	cold	16	Ferry, WA	8.3	9.0	31.0	2.2
Libby, MT	Lincoln, MT	cold	16	Flathead, MT	115.2	91.6	443.8	97.4
Libby, MT	Lincoln, MT	cold	16	Franklin, WA	47.0	75.1	323.5	25.7
Libby, MT	Lincoln, MT	cold	16	Fremont, ID	11.9	32.3	79.8	7.2
Libby, MT	Lincoln, MT	cold	16	Gallatin, MT	52.3	125.4	366.8	53.6
Libby, MT	Lincoln, MT	cold	16	Garfield, WA	46.4	48.5	41.9	7.0
Libby, MT	Lincoln, MT	cold	16	Gem, ID	9.1	25.8	110.5	5.7
Libby, MT	Lincoln, MT	cold	16	Glacier, MT	11.1	37.9	178.4	12.7
Libby, MT	Lincoln, MT	cold	16	Golden Valley, MT	1.5	16.3	17.4	1.2
Libby, MT	Lincoln, MT	cold	16	Granite, MT	42.6	31.4	44.2	7.4
Libby, MT	Lincoln, MT	cold	16	Grant, WA	48.7	122.7	338.4	22.8
Libby, MT	Lincoln, MT	cold	16	Hill, MT	25.9	91.3	164.3	14.0
Libby, MT	Lincoln, MT	cold	16	Idaho, ID	1002.0	526.7	299.2	128.3
Libby, MT	Lincoln, MT	cold	16	Jefferson, MT	10.7	55.0	289.3	26.7
Libby, MT	Lincoln, MT	cold	16	Judith Basin, MT	9.3	27.7	51.5	5.0
Libby, MT	Lincoln, MT	cold	16	Kittitas, WA	69.8	42.6	262.3	16.7
Libby, MT	Lincoln, MT	cold	16	Kootenai, ID	77.0	95.1	482.6	35.2
Libby, MT	Lincoln, MT	cold	16	Lake, MT	30.5	42.0	94.1	14.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Libby, MT	Lincoln, MT	cold	16	Latah, ID	49.9	50.9	181.0	16.2
Libby, MT	Lincoln, MT	cold	16	Lemhi, ID	112.2	65.5	74.4	16.6
Libby, MT	Lincoln, MT	cold	16	Lewis and Clark, MT	71.1	64.4	172.6	19.3
Libby, MT	Lincoln, MT	cold	16	Lewis, ID	47.0	44.5	57.2	6.2
Libby, MT	Lincoln, MT	cold	16	Liberty, MT	8.6	39.4	98.4	8.4
Libby, MT	Lincoln, MT	cold	16	Lincoln, MT	128.9	75.0	256.3	40.4
Libby, MT	Lincoln, MT	cold	16	Lincoln, WA	23.6	115.3	211.0	15.6
Libby, MT	Lincoln, MT	cold	16	Madison, MT	9.8	33.2	39.7	3.9
Libby, MT	Lincoln, MT	cold	16	Meagher, MT	5.6	16.4	13.8	1.9
Libby, MT	Lincoln, MT	cold	16	Mineral, MT	138.1	78.8	95.7	23.3
Libby, MT	Lincoln, MT	cold	16	Missoula, MT	76.2	72.6	405.4	59.5
Libby, MT	Lincoln, MT	cold	16	Musselshell, MT	3.7	25.7	20.5	2.0
Libby, MT	Lincoln, MT	cold	16	Nez Perce, ID	38.1	46.3	335.4	23.9
Libby, MT	Lincoln, MT	cold	16	Okanogan, WA	37.1	30.5	111.5	7.9
Libby, MT	Lincoln, MT	cold	16	Park, MT	14.0	39.6	83.7	11.7
Libby, MT	Lincoln, MT	cold	16	Park, WY	21.7	144.3	197.3	165.8
Libby, MT	Lincoln, MT	cold	16	Pend Oreille, WA	37.7	20.9	42.6	9.1
Libby, MT	Lincoln, MT	cold	16	Petroleum, MT	1.2	11.5	5.1	0.5
Libby, MT	Lincoln, MT	cold	16	Phillips, MT	9.1	44.6	120.6	9.2
Libby, MT	Lincoln, MT	cold	16	Pondera, MT	12.1	20.6	88.5	7.3
Libby, MT	Lincoln, MT	cold	16	Powell, MT	15.3	17.6	53.8	6.8
Libby, MT	Lincoln, MT	cold	16	Ravalli, MT	676.1	380.3	241.5	89.2
Libby, MT	Lincoln, MT	cold	16	Sanders, MT	172.0	97.5	73.1	29.5
Libby, MT	Lincoln, MT	cold	16	Shoshone, ID	28.6	18.6	78.9	8.0
Libby, MT	Lincoln, MT	cold	16	Silver Bow, MT	8.5	17.2	86.4	5.8
Libby, MT	Lincoln, MT	cold	16	Skagit, WA	61.8	47.3	937.1	780.7
Libby, MT	Lincoln, MT	cold	16	Spokane, WA	187.4	209.4	1215.4	88.4
Libby, MT	Lincoln, MT	cold	16	Stevens, WA	45.2	36.5	167.8	15.2
Libby, MT	Lincoln, MT	cold	16	Stillwater, MT	12.2	40.1	79.3	7.4
Libby, MT	Lincoln, MT	cold	16	Sweet Grass, MT	7.9	19.3	54.7	4.4
Libby, MT	Lincoln, MT	cold	16	Teton, MT	15.7	25.7	81.1	7.1
Libby, MT	Lincoln, MT	cold	16	Toole, MT	8.7	41.8	161.6	10.5
Libby, MT	Lincoln, MT	cold	16	Umatilla, OR	156.9	146.0	556.0	51.0
Libby, MT	Lincoln, MT	cold	16	Union, OR	96.4	62.9	265.5	27.6
Libby, MT	Lincoln, MT	cold	16	Valley, ID	148.4	82.1	99.3	26.7
Libby, MT	Lincoln, MT	cold	16	Walla Walla, WA	91.8	110.9	313.0	227.4
Libby, MT	Lincoln, MT	cold	16	Wallowa, OR	502.5	259.7	129.7	66.9
Libby, MT	Lincoln, MT	cold	16	Washington, ID	34.1	28.9	85.4	8.7
Libby, MT	Lincoln, MT	cold	16	Whatcom, WA	89.2	69.0	973.7	578.2
Libby, MT	Lincoln, MT	cold	16	Wheatland, MT	2.9	18.1	23.1	2.0
Libby, MT	Lincoln, MT	cold	16	Whitman, WA	111.0	267.7	241.4	22.6
Libby, MT	Lincoln, MT	cold	16	Yakima, WA	100.2	86.2	519.9	35.7
Logan, UT	Cache, UT	cold	20	Ada, ID	338.8	431.4	2780.7	186.4
Logan, UT	Cache, UT	cold	20	Albany, WY	34.1	105.1	1059.3	134.2
Logan, UT	Cache, UT	cold	20	Baker, OR	603.9	323.6	678.2	94.0
Logan, UT	Cache, UT	cold	20	Bannock, ID	654.2	410.7	684.8	95.2
Logan, UT	Cache, UT	cold	20	Bear Lake, ID	17.9	31.8	297.6	5.0
Logan, UT	Cache, UT	cold	20	Beaver, UT	24.5	20.2	219.6	32.1
Logan, UT	Cache, UT	cold	20	Beaverhead, MT	43.4	54.8	179.1	12.8
Logan, UT	Cache, UT	cold	20	Big Horn, WY	46.2	278.8	233.8	47.0
Logan, UT	Cache, UT	cold	20	Bingham, ID	95.9	208.0	486.9	32.6
Logan, UT	Cache, UT	cold	20	Blaine, ID	538.9	305.8	406.6	67.1
Logan, UT	Cache, UT	cold	20	Boise, ID	51.6	37.9	119.5	12.3
Logan, UT	Cache, UT	cold	20	Bonneville, ID	151.7	187.7	610.6	58.5
Logan, UT	Cache, UT	cold	20	Box Elder, UT	61.6	109.9	737.2	48.8
Logan, UT	Cache, UT	cold	20	Butte, ID	6.5	19.3	55.5	12.7
Logan, UT	Cache, UT	cold	20	Cache, UT	37.3	62.3	542.5	33.7
Logan, UT	Cache, UT	cold	20	Camas, ID	17.9	14.9	26.9	2.9
Logan, UT	Cache, UT	cold	20	Canyon, ID	147.4	391.5	1175.5	338.8
Logan, UT	Cache, UT	cold	20	Carbon, MT	32.1	80.2	115.4	9.2
Logan, UT	Cache, UT	cold	20	Carbon, UT	12.9	54.4	782.8	950.6
Logan, UT	Cache, UT	cold	20	Carbon, WY	63.4	174.5	1012.3	532.3
Logan, UT	Cache, UT	cold	20	Caribou, ID	219.5	351.8	405.9	1789.5
Logan, UT	Cache, UT	cold	20	Carson, NV	45.0	42.8	178.9	184.4
Logan, UT	Cache, UT	cold	20	Cassia, ID	39.3	89.2	308.6	17.6
Logan, UT	Cache, UT	cold	20	Churchill, NV	27.9	78.8	282.1	37.3
Logan, UT	Cache, UT	cold	20	Clark, ID	16.3	15.3	39.9	2.5
Logan, UT	Cache, UT	cold	20	Clark, NV	2190.3	1655.5	10217.7	7614.1
Logan, UT	Cache, UT	cold	20	Converse, WY	40.1	269.1	2878.2	2839.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Logan, UT	Cache, UT	cold	20	Crook, OR	59.3	60.6	122.0	13.8
Logan, UT	Cache, UT	cold	20	Custer, ID	576.0	303.7	170.4	73.8
Logan, UT	Cache, UT	cold	20	Daggett, UT	97.4	47.6	148.8	15.6
Logan, UT	Cache, UT	cold	20	Davis, UT	64.6	129.0	1759.4	355.2
Logan, UT	Cache, UT	cold	20	Deschutes, OR	265.5	278.9	808.9	74.1
Logan, UT	Cache, UT	cold	20	Duchesne, UT	44.4	39.3	190.2	19.9
Logan, UT	Cache, UT	cold	20	Elko, NV	282.6	218.9	913.0	108.5
Logan, UT	Cache, UT	cold	20	Elmore, ID	158.3	132.7	447.0	34.3
Logan, UT	Cache, UT	cold	20	Emery, UT	25.9	341.0	4227.4	3385.7
Logan, UT	Cache, UT	cold	20	Esmeralda, NV	1.3	26.3	15.1	8.4
Logan, UT	Cache, UT	cold	20	Eureka, NV	14.0	45.0	199.6	54.0
Logan, UT	Cache, UT	cold	20	Franklin, ID	19.0	42.5	120.4	8.0
Logan, UT	Cache, UT	cold	20	Fremont, ID	22.4	60.6	149.7	13.5
Logan, UT	Cache, UT	cold	20	Fremont, WY	82.9	429.6	418.7	383.9
Logan, UT	Cache, UT	cold	20	Gallatin, MT	98.1	235.1	687.8	100.4
Logan, UT	Cache, UT	cold	20	Garfield, CO	68.1	51.5	781.0	29.8
Logan, UT	Cache, UT	cold	20	Gem, ID	17.0	48.5	207.1	10.8
Logan, UT	Cache, UT	cold	20	Gooding, ID	39.7	75.8	158.6	7.5
Logan, UT	Cache, UT	cold	20	Grand, UT	13.3	11.7	219.5	8.2
Logan, UT	Cache, UT	cold	20	Grant, OR	38.6	36.2	100.4	7.8
Logan, UT	Cache, UT	cold	20	Harney, OR	86.8	58.6	138.5	19.9
Logan, UT	Cache, UT	cold	20	Hot Springs, WY	9.4	52.4	48.4	8.2
Logan, UT	Cache, UT	cold	20	Humboldt, NV	54.0	110.5	1699.0	1411.9
Logan, UT	Cache, UT	cold	20	Inyo, CA	54.9	133.5	170.7	35.6
Logan, UT	Cache, UT	cold	20	Iron, UT	20.7	28.1	497.8	77.0
Logan, UT	Cache, UT	cold	20	Jackson, CO	5.7	4.3	29.1	2.5
Logan, UT	Cache, UT	cold	20	Jefferson, ID	39.7	102.0	220.7	18.6
Logan, UT	Cache, UT	cold	20	Jerome, ID	96.1	117.4	248.0	19.0
Logan, UT	Cache, UT	cold	20	Juab, UT	17.3	39.7	515.4	43.2
Logan, UT	Cache, UT	cold	20	Lake, OR	42.2	36.9	153.1	12.8
Logan, UT	Cache, UT	cold	20	Lander, NV	9.9	35.7	133.9	12.9
Logan, UT	Cache, UT	cold	20	Lassen, CA	112.5	102.0	378.4	23.3
Logan, UT	Cache, UT	cold	20	Lemhi, ID	210.5	122.8	139.5	31.1
Logan, UT	Cache, UT	cold	20	Lincoln, ID	90.9	57.0	66.7	22.8
Logan, UT	Cache, UT	cold	20	Lincoln, NV	1066.4	577.9	359.1	132.2
Logan, UT	Cache, UT	cold	20	Lincoln, WY	161.8	538.4	2844.6	3623.6
Logan, UT	Cache, UT	cold	20	Lyon, NV	33.1	107.6	1030.8	93.0
Logan, UT	Cache, UT	cold	20	Madison, ID	30.0	78.6	283.4	21.4
Logan, UT	Cache, UT	cold	20	Madison, MT	18.4	62.3	74.4	7.3
Logan, UT	Cache, UT	cold	20	Malheur, OR	114.9	186.3	429.5	143.9
Logan, UT	Cache, UT	cold	20	Millard, UT	49.9	276.4	4155.6	624.8
Logan, UT	Cache, UT	cold	20	Mineral, NV	4.3	59.7	28.2	3.3
Logan, UT	Cache, UT	cold	20	Minidoka, ID	86.5	94.0	443.8	60.2
Logan, UT	Cache, UT	cold	20	Modoc, CA	41.7	44.7	235.9	9.2
Logan, UT	Cache, UT	cold	20	Moffat, CO	30.5	224.5	2743.2	586.0
Logan, UT	Cache, UT	cold	20	Mohave, AZ	618.7	378.1	1934.5	179.4
Logan, UT	Cache, UT	cold	20	Morgan, UT	30.6	23.1	443.0	26.8
Logan, UT	Cache, UT	cold	20	Natrona, WY	54.1	269.6	757.7	307.6
Logan, UT	Cache, UT	cold	20	Nevada, CA	181.0	127.9	489.3	36.9
Logan, UT	Cache, UT	cold	20	Nye, NV	190.3	126.1	209.8	69.7
Logan, UT	Cache, UT	cold	20	Oneida, ID	16.0	30.3	74.0	6.2
Logan, UT	Cache, UT	cold	20	Owyhee, ID	275.1	196.8	173.5	68.5
Logan, UT	Cache, UT	cold	20	Park, MT	26.3	74.2	157.0	22.0
Logan, UT	Cache, UT	cold	20	Park, WY	40.7	270.5	370.0	310.8
Logan, UT	Cache, UT	cold	20	Payette, ID	28.9	84.7	220.0	13.4
Logan, UT	Cache, UT	cold	20	Pershing, NV	9.8	40.2	263.4	16.0
Logan, UT	Cache, UT	cold	20	Placer, CA	188.0	132.6	1640.9	129.5
Logan, UT	Cache, UT	cold	20	Power, ID	168.4	129.4	150.9	255.9
Logan, UT	Cache, UT	cold	20	Rich, UT	5.8	10.9	31.2	5.6
Logan, UT	Cache, UT	cold	20	Rio Blanco, CO	65.1	47.0	554.3	17.1
Logan, UT	Cache, UT	cold	20	Routt, CO	42.0	123.5	1330.6	428.5
Logan, UT	Cache, UT	cold	20	Salt Lake, UT	200.4	244.5	4020.4	812.0
Logan, UT	Cache, UT	cold	20	Sanpete, UT	54.1	41.9	136.3	62.1
Logan, UT	Cache, UT	cold	20	Sevier, UT	30.3	30.0	260.2	65.1
Logan, UT	Cache, UT	cold	20	Sierra, CA	74.5	40.2	85.4	16.7
Logan, UT	Cache, UT	cold	20	Storey, NV	9.8	40.5	294.4	22.2
Logan, UT	Cache, UT	cold	20	Sublette, WY	32.7	125.5	334.1	15.7
Logan, UT	Cache, UT	cold	20	Summit, UT	18.8	29.7	517.6	42.1
Logan, UT	Cache, UT	cold	20	Sweetwater, WY	117.7	1049.0	7566.2	5051.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Logan, UT	Cache, UT	cold	20	Teton, ID	18.1	35.0	68.1	6.7
Logan, UT	Cache, UT	cold	20	Teton, WY	57.7	186.0	158.6	60.0
Logan, UT	Cache, UT	cold	20	Tooele, UT	102.6	139.8	761.9	74.2
Logan, UT	Cache, UT	cold	20	Twin Falls, ID	101.9	237.3	751.3	179.7
Logan, UT	Cache, UT	cold	20	Uinta, WY	30.6	192.1	686.0	1036.7
Logan, UT	Cache, UT	cold	20	Uintah, UT	18.7	85.7	1205.4	187.0
Logan, UT	Cache, UT	cold	20	Utah, UT	97.3	128.4	1949.8	143.3
Logan, UT	Cache, UT	cold	20	Valley, ID	278.2	154.0	186.2	50.0
Logan, UT	Cache, UT	cold	20	Wasatch, UT	14.2	20.5	130.1	8.4
Logan, UT	Cache, UT	cold	20	Washakie, WY	19.9	87.1	253.3	70.6
Logan, UT	Cache, UT	cold	20	Washington, ID	63.9	54.1	160.0	16.3
Logan, UT	Cache, UT	cold	20	Washington, UT	389.8	262.1	715.1	104.3
Logan, UT	Cache, UT	cold	20	Washoe, NV	152.0	222.1	1878.3	581.6
Logan, UT	Cache, UT	cold	20	Weber, UT	53.0	71.1	983.6	50.4
Logan, UT	Cache, UT	cold	20	White Pine, NV	11.8	37.5	67.4	5.3
Los Angeles, CA	Los Angeles, CA	cold	141	Alpine, CA	13.6	6.2	20.8	2.8
Los Angeles, CA	Los Angeles, CA	cold	141	Amador, CA	122.1	92.6	418.6	13.2
Los Angeles, CA	Los Angeles, CA	cold	141	Apache, AZ	98.0	374.0	4224.5	3322.8
Los Angeles, CA	Los Angeles, CA	cold	141	Beaver, UT	27.8	22.9	248.9	36.4
Los Angeles, CA	Los Angeles, CA	cold	141	Calaveras, CA	88.2	61.3	314.3	6.8
Los Angeles, CA	Los Angeles, CA	cold	141	Carson, NV	51.1	48.5	202.8	209.0
Los Angeles, CA	Los Angeles, CA	cold	141	Churchill, NV	31.6	89.3	319.7	42.3
Los Angeles, CA	Los Angeles, CA	cold	141	Clark, NV	2482.3	1876.2	11580.0	8629.3
Los Angeles, CA	Los Angeles, CA	cold	141	Cochise, AZ	79.5	178.3	2590.3	595.3
Los Angeles, CA	Los Angeles, CA	cold	141	Coconino, AZ	273.6	583.5	7397.3	740.4
Los Angeles, CA	Los Angeles, CA	cold	141	Dolores, CO	38.4	37.6	57.6	4.9
Los Angeles, CA	Los Angeles, CA	cold	141	Douglas, NV	54.1	117.2	352.7	116.6
Los Angeles, CA	Los Angeles, CA	cold	141	El Dorado, CA	267.5	173.7	774.7	82.3
Los Angeles, CA	Los Angeles, CA	cold	141	Elko, NV	320.3	248.0	1034.7	123.0
Los Angeles, CA	Los Angeles, CA	cold	141	Emery, UT	29.3	386.5	4791.1	3837.1
Los Angeles, CA	Los Angeles, CA	cold	141	Esmeralda, NV	1.5	29.9	17.1	9.5
Los Angeles, CA	Los Angeles, CA	cold	141	Eureka, NV	15.9	51.0	226.2	61.2
Los Angeles, CA	Los Angeles, CA	cold	141	Fresno, CA	725.4	599.3	5839.5	913.9
Los Angeles, CA	Los Angeles, CA	cold	141	Garfield, UT	57.1	37.5	80.2	21.3
Los Angeles, CA	Los Angeles, CA	cold	141	Gila, AZ	313.6	215.0	319.2	3015.5
Los Angeles, CA	Los Angeles, CA	cold	141	Graham, AZ	23.4	68.3	160.1	8.8
Los Angeles, CA	Los Angeles, CA	cold	141	Grand, UT	15.0	13.3	248.7	9.3
Los Angeles, CA	Los Angeles, CA	cold	141	Greenlee, AZ	98.6	167.4	81.5	25.1
Los Angeles, CA	Los Angeles, CA	cold	141	Hidalgo, NM	11.8	78.9	299.7	12.7
Los Angeles, CA	Los Angeles, CA	cold	141	Humboldt, NV	61.2	125.3	1925.5	1600.2
Los Angeles, CA	Los Angeles, CA	cold	141	Imperial, CA	133.2	400.1	1996.0	348.2
Los Angeles, CA	Los Angeles, CA	cold	141	Inyo, CA	62.2	151.3	193.4	40.3
Los Angeles, CA	Los Angeles, CA	cold	141	Iron, UT	23.4	31.9	564.1	87.3
Los Angeles, CA	Los Angeles, CA	cold	141	Juab, UT	19.7	45.0	584.2	48.9
Los Angeles, CA	Los Angeles, CA	cold	141	Kane, UT	16.0	15.7	69.5	16.5
Los Angeles, CA	Los Angeles, CA	cold	141	Kern, CA	510.7	484.3	9813.7	549.7
Los Angeles, CA	Los Angeles, CA	cold	141	Kings, CA	73.3	125.8	1086.1	96.2
Los Angeles, CA	Los Angeles, CA	cold	141	La Paz, AZ	66.1	72.2	491.5	32.1
Los Angeles, CA	Los Angeles, CA	cold	141	Lander, NV	11.2	40.5	151.7	14.6
Los Angeles, CA	Los Angeles, CA	cold	141	Lincoln, NV	1208.6	654.9	406.9	149.8
Los Angeles, CA	Los Angeles, CA	cold	141	Los Angeles, CA	1728.9	831.1	43778.4	5071.1
Los Angeles, CA	Los Angeles, CA	cold	141	Lyon, NV	37.5	121.9	1168.2	105.4
Los Angeles, CA	Los Angeles, CA	cold	141	Madera, CA	171.8	148.3	1727.6	123.2
Los Angeles, CA	Los Angeles, CA	cold	141	Maricopa, AZ	2247.0	1494.6	17623.4	987.1
Los Angeles, CA	Los Angeles, CA	cold	141	Mariposa, CA	76.3	49.6	145.4	6.6
Los Angeles, CA	Los Angeles, CA	cold	141	Merced, CA	132.0	171.2	2153.4	160.0
Los Angeles, CA	Los Angeles, CA	cold	141	Mesa, CO	86.7	150.3	999.5	550.9
Los Angeles, CA	Los Angeles, CA	cold	141	Millard, UT	56.5	313.2	4709.7	708.1
Los Angeles, CA	Los Angeles, CA	cold	141	Mineral, NV	4.9	67.7	32.0	3.7
Los Angeles, CA	Los Angeles, CA	cold	141	Mohave, AZ	701.2	428.6	2192.5	203.3
Los Angeles, CA	Los Angeles, CA	cold	141	Mono, CA	47.6	89.6	123.6	4.2
Los Angeles, CA	Los Angeles, CA	cold	141	Monterey, CA	201.4	192.3	3006.3	888.1
Los Angeles, CA	Los Angeles, CA	cold	141	Montezuma, CO	60.2	54.4	216.5	17.0
Los Angeles, CA	Los Angeles, CA	cold	141	Montrose, CO	33.4	82.8	509.2	244.1
Los Angeles, CA	Los Angeles, CA	cold	141	Navajo, AZ	131.4	494.9	4004.2	3857.4
Los Angeles, CA	Los Angeles, CA	cold	141	Nye, NV	215.7	142.9	237.7	79.0
Los Angeles, CA	Los Angeles, CA	cold	141	Orange, CA	523.7	247.3	10170.7	1467.2
Los Angeles, CA	Los Angeles, CA	cold	141	Pershing, NV	11.1	45.5	298.6	18.1
Los Angeles, CA	Los Angeles, CA	cold	141	Pima, AZ	269.1	392.8	4863.6	983.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Los Angeles, CA	Los Angeles, CA	cold	141	Pinal, AZ	264.6	514.5	2006.1	124.1
Los Angeles, CA	Los Angeles, CA	cold	141	Piute, UT	44.1	24.7	27.3	10.6
Los Angeles, CA	Los Angeles, CA	cold	141	Placer, CA	213.1	150.3	1859.6	146.7
Los Angeles, CA	Los Angeles, CA	cold	141	Riverside, CA	464.9	372.4	9338.6	713.8
Los Angeles, CA	Los Angeles, CA	cold	141	San Benito, CA	27.3	57.8	399.7	100.5
Los Angeles, CA	Los Angeles, CA	cold	141	San Bernardino, CA	810.7	1043.6	15489.0	608.1
Los Angeles, CA	Los Angeles, CA	cold	141	San Diego, CA	974.0	770.7	12631.4	1309.7
Los Angeles, CA	Los Angeles, CA	cold	141	San Juan, NM	152.9	1269.3	13763.8	4911.2
Los Angeles, CA	Los Angeles, CA	cold	141	San Juan, UT	57.0	39.1	262.1	261.1
Los Angeles, CA	Los Angeles, CA	cold	141	San Luis Obispo, CA	187.4	190.5	1518.0	647.8
Los Angeles, CA	Los Angeles, CA	cold	141	San Miguel, CO	21.8	15.4	103.5	8.0
Los Angeles, CA	Los Angeles, CA	cold	141	Sanpete, UT	61.3	47.5	154.4	70.4
Los Angeles, CA	Los Angeles, CA	cold	141	Santa Barbara, CA	256.5	104.5	4395.5	1677.7
Los Angeles, CA	Los Angeles, CA	cold	141	Santa Clara, CA	380.4	437.9	7171.1	1124.0
Los Angeles, CA	Los Angeles, CA	cold	141	Santa Cruz, AZ	46.1	53.9	243.9	18.6
Los Angeles, CA	Los Angeles, CA	cold	141	Santa Cruz, CA	114.2	124.5	1250.8	311.9
Los Angeles, CA	Los Angeles, CA	cold	141	Sevier, UT	34.4	34.0	294.9	73.8
Los Angeles, CA	Los Angeles, CA	cold	141	Stanislaus, CA	171.4	182.3	3048.1	340.8
Los Angeles, CA	Los Angeles, CA	cold	141	Storey, NV	11.1	45.9	333.6	25.2
Los Angeles, CA	Los Angeles, CA	cold	141	Tooele, UT	116.3	158.4	863.5	84.1
Los Angeles, CA	Los Angeles, CA	cold	141	Tulare, CA	294.0	285.5	2867.7	236.7
Los Angeles, CA	Los Angeles, CA	cold	141	Tuolumne, CA	154.1	109.0	561.6	42.8
Los Angeles, CA	Los Angeles, CA	cold	141	Ventura, CA	302.0	148.0	3594.0	487.7
Los Angeles, CA	Los Angeles, CA	cold	141	Washington, UT	441.8	297.1	810.5	118.2
Los Angeles, CA	Los Angeles, CA	cold	141	Washoe, NV	172.2	251.7	2128.8	659.1
Los Angeles, CA	Los Angeles, CA	cold	141	Wayne, UT	2.9	8.0	32.2	25.1
Los Angeles, CA	Los Angeles, CA	cold	141	White Pine, NV	13.3	42.5	76.4	6.0
Los Angeles, CA	Los Angeles, CA	cold	141	Yavapai, AZ	929.3	601.5	2181.1	324.4
Los Angeles, CA	Los Angeles, CA	cold	141	Yuma, AZ	117.2	206.1	1496.3	93.2
Los Angeles, CA	Los Angeles, CA	warm	19	Alpine, CA	3.9	1.8	5.9	0.8
Los Angeles, CA	Los Angeles, CA	warm	19	Amador, CA	34.8	26.4	119.4	3.8
Los Angeles, CA	Los Angeles, CA	warm	19	Apache, AZ	28.0	106.7	1205.2	947.9
Los Angeles, CA	Los Angeles, CA	warm	19	Beaver, UT	7.9	6.5	71.0	10.4
Los Angeles, CA	Los Angeles, CA	warm	19	Calaveras, CA	25.1	17.5	89.6	2.0
Los Angeles, CA	Los Angeles, CA	warm	19	Carson, NV	14.6	13.8	57.9	59.6
Los Angeles, CA	Los Angeles, CA	warm	19	Churchill, NV	9.0	25.5	91.2	12.1
Los Angeles, CA	Los Angeles, CA	warm	19	Clark, NV	708.1	535.2	3303.5	2461.7
Los Angeles, CA	Los Angeles, CA	warm	19	Cochise, AZ	22.7	50.9	738.9	169.8
Los Angeles, CA	Los Angeles, CA	warm	19	Coconino, AZ	78.0	166.4	2110.3	211.2
Los Angeles, CA	Los Angeles, CA	warm	19	Dolores, CO	11.0	10.7	16.4	1.4
Los Angeles, CA	Los Angeles, CA	warm	19	Douglas, NV	15.4	33.4	100.6	33.3
Los Angeles, CA	Los Angeles, CA	warm	19	El Dorado, CA	76.3	49.6	221.0	23.5
Los Angeles, CA	Los Angeles, CA	warm	19	Elko, NV	91.4	70.8	295.2	35.1
Los Angeles, CA	Los Angeles, CA	warm	19	Emery, UT	8.4	110.3	1366.8	1094.6
Los Angeles, CA	Los Angeles, CA	warm	19	Esmeralda, NV	0.4	8.5	4.9	2.7
Los Angeles, CA	Los Angeles, CA	warm	19	Eureka, NV	4.5	14.5	64.5	17.5
Los Angeles, CA	Los Angeles, CA	warm	19	Fresno, CA	206.9	171.0	1665.9	260.7
Los Angeles, CA	Los Angeles, CA	warm	19	Garfield, UT	16.3	10.7	22.9	6.1
Los Angeles, CA	Los Angeles, CA	warm	19	Gila, AZ	89.5	61.3	91.0	860.2
Los Angeles, CA	Los Angeles, CA	warm	19	Graham, AZ	6.7	19.5	45.7	2.5
Los Angeles, CA	Los Angeles, CA	warm	19	Grand, UT	4.3	3.8	71.0	2.7
Los Angeles, CA	Los Angeles, CA	warm	19	Greenlee, AZ	28.1	47.8	23.2	7.2
Los Angeles, CA	Los Angeles, CA	warm	19	Hidalgo, NM	3.4	22.5	85.5	3.6
Los Angeles, CA	Los Angeles, CA	warm	19	Humboldt, NV	17.5	35.7	549.3	456.5
Los Angeles, CA	Los Angeles, CA	warm	19	Imperial, CA	38.0	114.1	569.4	99.3
Los Angeles, CA	Los Angeles, CA	warm	19	Inyo, CA	17.7	43.2	55.2	11.5
Los Angeles, CA	Los Angeles, CA	warm	19	Iron, UT	6.7	9.1	160.9	24.9
Los Angeles, CA	Los Angeles, CA	warm	19	Juab, UT	5.6	12.8	166.6	14.0
Los Angeles, CA	Los Angeles, CA	warm	19	Kane, UT	4.6	4.5	19.8	4.7
Los Angeles, CA	Los Angeles, CA	warm	19	Kern, CA	145.7	138.1	2799.6	156.8
Los Angeles, CA	Los Angeles, CA	warm	19	Kings, CA	20.9	35.9	309.8	27.4
Los Angeles, CA	Los Angeles, CA	warm	19	La Paz, AZ	18.8	20.6	140.2	9.2
Los Angeles, CA	Los Angeles, CA	warm	19	Lander, NV	3.2	11.6	43.3	4.2
Los Angeles, CA	Los Angeles, CA	warm	19	Lincoln, NV	344.8	186.8	116.1	42.7
Los Angeles, CA	Los Angeles, CA	warm	19	Los Angeles, CA	493.2	237.1	12488.9	1446.6
Los Angeles, CA	Los Angeles, CA	warm	19	Lyon, NV	10.7	34.8	333.3	30.1
Los Angeles, CA	Los Angeles, CA	warm	19	Madera, CA	49.0	42.3	492.8	35.2
Los Angeles, CA	Los Angeles, CA	warm	19	Maricopa, AZ	641.0	426.4	5027.5	281.6
Los Angeles, CA	Los Angeles, CA	warm	19	Mariposa, CA	21.8	14.1	41.5	1.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Los Angeles, CA	Los Angeles, CA	warm	19	Merced, CA	37.7	48.8	614.3	45.6
Los Angeles, CA	Los Angeles, CA	warm	19	Mesa, CO	24.7	42.9	285.1	157.2
Los Angeles, CA	Los Angeles, CA	warm	19	Millard, UT	16.1	89.4	1343.6	202.0
Los Angeles, CA	Los Angeles, CA	warm	19	Mineral, NV	1.4	19.3	9.1	1.1
Los Angeles, CA	Los Angeles, CA	warm	19	Mohave, AZ	200.0	122.3	625.5	58.0
Los Angeles, CA	Los Angeles, CA	warm	19	Mono, CA	13.6	25.6	35.2	1.2
Los Angeles, CA	Los Angeles, CA	warm	19	Monterey, CA	57.4	54.9	857.6	253.4
Los Angeles, CA	Los Angeles, CA	warm	19	Montezuma, CO	17.2	15.5	61.8	4.9
Los Angeles, CA	Los Angeles, CA	warm	19	Montrose, CO	9.5	23.6	145.3	69.6
Los Angeles, CA	Los Angeles, CA	warm	19	Navajo, AZ	37.5	141.2	1142.3	1100.4
Los Angeles, CA	Los Angeles, CA	warm	19	Nye, NV	61.5	40.8	67.8	22.5
Los Angeles, CA	Los Angeles, CA	warm	19	Orange, CA	149.4	70.6	2901.4	418.6
Los Angeles, CA	Los Angeles, CA	warm	19	Pershing, NV	3.2	13.0	85.2	5.2
Los Angeles, CA	Los Angeles, CA	warm	19	Pima, AZ	76.8	112.1	1387.5	280.6
Los Angeles, CA	Los Angeles, CA	warm	19	Pinal, AZ	75.5	146.8	572.3	35.4
Los Angeles, CA	Los Angeles, CA	warm	19	Piute, UT	12.6	7.0	7.8	3.0
Los Angeles, CA	Los Angeles, CA	warm	19	Placer, CA	60.8	42.9	530.5	41.9
Los Angeles, CA	Los Angeles, CA	warm	19	Riverside, CA	132.6	106.2	2664.1	203.6
Los Angeles, CA	Los Angeles, CA	warm	19	San Benito, CA	7.8	16.5	114.0	28.7
Los Angeles, CA	Los Angeles, CA	warm	19	San Bernardino, CA	231.3	297.7	4418.6	173.5
Los Angeles, CA	Los Angeles, CA	warm	19	San Diego, CA	277.9	219.9	3603.4	373.6
Los Angeles, CA	Los Angeles, CA	warm	19	San Juan, NM	43.6	362.1	3926.5	1401.0
Los Angeles, CA	Los Angeles, CA	warm	19	San Juan, UT	16.3	11.2	74.8	74.5
Los Angeles, CA	Los Angeles, CA	warm	19	San Luis Obispo, CA	53.5	54.4	433.0	184.8
Los Angeles, CA	Los Angeles, CA	warm	19	San Miguel, CO	6.2	4.4	29.5	2.3
Los Angeles, CA	Los Angeles, CA	warm	19	Sanpete, UT	17.5	13.6	44.1	20.1
Los Angeles, CA	Los Angeles, CA	warm	19	Santa Barbara, CA	73.2	29.8	1253.9	478.6
Los Angeles, CA	Los Angeles, CA	warm	19	Santa Clara, CA	108.5	124.9	2045.7	320.6
Los Angeles, CA	Los Angeles, CA	warm	19	Santa Cruz, AZ	13.1	15.4	69.6	5.3
Los Angeles, CA	Los Angeles, CA	warm	19	Santa Cruz, CA	32.6	35.5	356.8	89.0
Los Angeles, CA	Los Angeles, CA	warm	19	Sevier, UT	9.8	9.7	84.1	21.1
Los Angeles, CA	Los Angeles, CA	warm	19	Stanislaus, CA	48.9	52.0	869.5	97.2
Los Angeles, CA	Los Angeles, CA	warm	19	Storey, NV	3.2	13.1	95.2	7.2
Los Angeles, CA	Los Angeles, CA	warm	19	Tooele, UT	33.2	45.2	246.3	24.0
Los Angeles, CA	Los Angeles, CA	warm	19	Tulare, CA	83.9	81.4	818.1	67.5
Los Angeles, CA	Los Angeles, CA	warm	19	Tuolumne, CA	44.0	31.1	160.2	12.2
Los Angeles, CA	Los Angeles, CA	warm	19	Ventura, CA	86.1	42.2	1025.3	139.1
Los Angeles, CA	Los Angeles, CA	warm	19	Washington, UT	126.0	84.8	231.2	33.7
Los Angeles, CA	Los Angeles, CA	warm	19	Washoe, NV	49.1	71.8	607.3	188.0
Los Angeles, CA	Los Angeles, CA	warm	19	Wayne, UT	0.8	2.3	9.2	7.2
Los Angeles, CA	Los Angeles, CA	warm	19	White Pine, NV	3.8	12.1	21.8	1.7
Los Angeles, CA	Los Angeles, CA	warm	19	Yavapai, AZ	265.1	171.6	622.2	92.6
Los Angeles, CA	Los Angeles, CA	warm	19	Yuma, AZ	33.4	58.8	426.9	26.6
Los Angeles, CA	Orange, CA	cold	15	Alpine, CA	6.0	2.7	9.2	1.2
Los Angeles, CA	Orange, CA	cold	15	Amador, CA	53.9	40.8	184.7	5.8
Los Angeles, CA	Orange, CA	cold	15	Apache, AZ	43.2	165.0	1863.8	1466.0
Los Angeles, CA	Orange, CA	cold	15	Beaver, UT	12.3	10.1	109.8	16.1
Los Angeles, CA	Orange, CA	cold	15	Calaveras, CA	38.9	27.0	138.6	3.0
Los Angeles, CA	Orange, CA	cold	15	Carson, NV	22.5	21.4	89.5	92.2
Los Angeles, CA	Orange, CA	cold	15	Churchill, NV	14.0	39.4	141.0	18.7
Los Angeles, CA	Orange, CA	cold	15	Clark, NV	1095.1	827.8	5108.8	3807.1
Los Angeles, CA	Orange, CA	cold	15	Cochise, AZ	35.1	78.6	1142.8	262.6
Los Angeles, CA	Orange, CA	cold	15	Coconino, AZ	120.7	257.4	3263.5	326.6
Los Angeles, CA	Orange, CA	cold	15	Dolores, CO	17.0	16.6	25.4	2.1
Los Angeles, CA	Orange, CA	cold	15	Douglas, NV	23.9	51.7	155.6	51.4
Los Angeles, CA	Orange, CA	cold	15	El Dorado, CA	118.0	76.6	341.8	36.3
Los Angeles, CA	Orange, CA	cold	15	Elko, NV	141.3	109.4	456.5	54.3
Los Angeles, CA	Orange, CA	cold	15	Emery, UT	12.9	170.5	2113.7	1692.8
Los Angeles, CA	Orange, CA	cold	15	Esmeralda, NV	0.7	13.2	7.5	4.2
Los Angeles, CA	Orange, CA	cold	15	Eureka, NV	7.0	22.5	99.8	27.0
Los Angeles, CA	Orange, CA	cold	15	Fresno, CA	320.0	264.4	2576.3	403.2
Los Angeles, CA	Orange, CA	cold	15	Garfield, UT	25.2	16.5	35.4	9.4
Los Angeles, CA	Orange, CA	cold	15	Gila, AZ	138.4	94.8	140.8	1330.3
Los Angeles, CA	Orange, CA	cold	15	Graham, AZ	10.3	30.1	70.6	3.9
Los Angeles, CA	Orange, CA	cold	15	Grand, UT	6.6	5.9	109.7	4.1
Los Angeles, CA	Orange, CA	cold	15	Greenlee, AZ	43.5	73.9	36.0	11.1
Los Angeles, CA	Orange, CA	cold	15	Hidalgo, NM	5.2	34.8	132.2	5.6
Los Angeles, CA	Orange, CA	cold	15	Humboldt, NV	27.0	55.3	849.5	706.0
Los Angeles, CA	Orange, CA	cold	15	Imperial, CA	58.8	176.5	880.6	153.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Los Angeles, CA	Orange, CA	cold	15	Inyo, CA	27.4	66.7	85.3	17.8
Los Angeles, CA	Orange, CA	cold	15	Iron, UT	10.3	14.1	248.9	38.5
Los Angeles, CA	Orange, CA	cold	15	Juab, UT	8.7	19.9	257.7	21.6
Los Angeles, CA	Orange, CA	cold	15	Kane, UT	7.1	6.9	30.7	7.3
Los Angeles, CA	Orange, CA	cold	15	Kern, CA	225.3	213.6	4329.6	242.5
Los Angeles, CA	Orange, CA	cold	15	Kings, CA	32.3	55.5	479.2	42.5
Los Angeles, CA	Orange, CA	cold	15	La Paz, AZ	29.1	31.8	216.8	14.2
Los Angeles, CA	Orange, CA	cold	15	Lander, NV	5.0	17.9	66.9	6.4
Los Angeles, CA	Orange, CA	cold	15	Lincoln, NV	533.2	288.9	179.5	66.1
Los Angeles, CA	Orange, CA	cold	15	Los Angeles, CA	762.8	366.7	19314.0	2237.2
Los Angeles, CA	Orange, CA	cold	15	Lyon, NV	16.5	53.8	515.4	46.5
Los Angeles, CA	Orange, CA	cold	15	Madera, CA	75.8	65.4	762.2	54.4
Los Angeles, CA	Orange, CA	cold	15	Maricopa, AZ	991.3	659.4	7775.0	435.5
Los Angeles, CA	Orange, CA	cold	15	Mariposa, CA	33.7	21.9	64.1	2.9
Los Angeles, CA	Orange, CA	cold	15	Merced, CA	58.2	75.5	950.0	70.6
Los Angeles, CA	Orange, CA	cold	15	Mesa, CO	38.2	66.3	441.0	243.1
Los Angeles, CA	Orange, CA	cold	15	Millard, UT	24.9	138.2	2077.8	312.4
Los Angeles, CA	Orange, CA	cold	15	Mineral, NV	2.2	29.9	14.1	1.6
Los Angeles, CA	Orange, CA	cold	15	Mohave, AZ	309.4	189.1	967.3	89.7
Los Angeles, CA	Orange, CA	cold	15	Mono, CA	21.0	39.5	54.5	1.8
Los Angeles, CA	Orange, CA	cold	15	Monterey, CA	88.8	84.9	1326.3	391.8
Los Angeles, CA	Orange, CA	cold	15	Montezuma, CO	26.6	24.0	95.5	7.5
Los Angeles, CA	Orange, CA	cold	15	Montrose, CO	14.8	36.5	224.7	107.7
Los Angeles, CA	Orange, CA	cold	15	Navajo, AZ	58.0	218.4	1766.5	1701.8
Los Angeles, CA	Orange, CA	cold	15	Nye, NV	95.2	63.1	104.9	34.9
Los Angeles, CA	Orange, CA	cold	15	Orange, CA	231.0	109.1	4487.1	647.3
Los Angeles, CA	Orange, CA	cold	15	Pershing, NV	4.9	20.1	131.7	8.0
Los Angeles, CA	Orange, CA	cold	15	Pima, AZ	118.7	173.3	2145.7	433.9
Los Angeles, CA	Orange, CA	cold	15	Pinal, AZ	116.7	227.0	885.0	54.8
Los Angeles, CA	Orange, CA	cold	15	Piute, UT	19.4	10.9	12.1	4.7
Los Angeles, CA	Orange, CA	cold	15	Placer, CA	94.0	66.3	820.4	64.7
Los Angeles, CA	Orange, CA	cold	15	Riverside, CA	205.1	164.3	4120.0	314.9
Los Angeles, CA	Orange, CA	cold	15	San Benito, CA	12.0	25.5	176.3	44.4
Los Angeles, CA	Orange, CA	cold	15	San Bernardino, CA	357.7	460.4	6833.4	268.3
Los Angeles, CA	Orange, CA	cold	15	San Diego, CA	429.7	340.0	5572.7	577.8
Los Angeles, CA	Orange, CA	cold	15	San Juan, NM	67.4	560.0	6072.3	2166.7
Los Angeles, CA	Orange, CA	cold	15	San Juan, UT	25.1	17.3	115.6	115.2
Los Angeles, CA	Orange, CA	cold	15	San Luis Obispo, CA	82.7	84.1	669.7	285.8
Los Angeles, CA	Orange, CA	cold	15	San Miguel, CO	9.6	6.8	45.7	3.5
Los Angeles, CA	Orange, CA	cold	15	Sanpete, UT	27.0	21.0	68.1	31.0
Los Angeles, CA	Orange, CA	cold	15	Santa Barbara, CA	113.1	46.1	1939.2	740.2
Los Angeles, CA	Orange, CA	cold	15	Santa Clara, CA	167.8	193.2	3163.7	495.9
Los Angeles, CA	Orange, CA	cold	15	Santa Cruz, AZ	20.3	23.8	107.6	8.2
Los Angeles, CA	Orange, CA	cold	15	Santa Cruz, CA	50.4	54.9	551.8	137.6
Los Angeles, CA	Orange, CA	cold	15	Sevier, UT	15.2	15.0	130.1	32.6
Los Angeles, CA	Orange, CA	cold	15	Stanislaus, CA	75.6	80.4	1344.7	150.4
Los Angeles, CA	Orange, CA	cold	15	Storey, NV	4.9	20.3	147.2	11.1
Los Angeles, CA	Orange, CA	cold	15	Tooele, UT	51.3	69.9	380.9	37.1
Los Angeles, CA	Orange, CA	cold	15	Tulare, CA	129.7	125.9	1265.2	104.4
Los Angeles, CA	Orange, CA	cold	15	Tuolumne, CA	68.0	48.1	247.8	18.9
Los Angeles, CA	Orange, CA	cold	15	Ventura, CA	133.2	65.3	1585.6	215.2
Los Angeles, CA	Orange, CA	cold	15	Washington, UT	194.9	131.1	357.6	52.1
Los Angeles, CA	Orange, CA	cold	15	Washoe, NV	76.0	111.0	939.2	290.8
Los Angeles, CA	Orange, CA	cold	15	Wayne, UT	1.3	3.5	14.2	11.1
Los Angeles, CA	Orange, CA	cold	15	White Pine, NV	5.9	18.8	33.7	2.6
Los Angeles, CA	Orange, CA	cold	15	Yavapai, AZ	410.0	265.4	962.2	143.1
Los Angeles, CA	Orange, CA	cold	15	Yuma, AZ	51.7	90.9	660.1	41.1
Los Angeles, CA	Orange, CA	warm	1	Alpine, CA	0.6	0.3	0.8	0.1
Los Angeles, CA	Orange, CA	warm	1	Amador, CA	5.0	3.8	17.1	0.5
Los Angeles, CA	Orange, CA	warm	1	Apache, AZ	4.0	15.2	172.2	135.4
Los Angeles, CA	Orange, CA	warm	1	Beaver, UT	1.1	0.9	10.1	1.5
Los Angeles, CA	Orange, CA	warm	1	Calaveras, CA	3.6	2.5	12.8	0.3
Los Angeles, CA	Orange, CA	warm	1	Carson, NV	2.1	2.0	8.3	8.5
Los Angeles, CA	Orange, CA	warm	1	Churchill, NV	1.3	3.6	13.0	1.7
Los Angeles, CA	Orange, CA	warm	1	Clark, NV	101.2	76.5	471.9	351.7
Los Angeles, CA	Orange, CA	warm	1	Cochise, AZ	3.2	7.3	105.6	24.3
Los Angeles, CA	Orange, CA	warm	1	Coconino, AZ	11.1	23.8	301.5	30.2
Los Angeles, CA	Orange, CA	warm	1	Dolores, CO	1.6	1.5	2.3	0.2
Los Angeles, CA	Orange, CA	warm	1	Douglas, NV	2.2	4.8	14.4	4.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Los Angeles, CA	Orange, CA	warm	1	El Dorado, CA	10.9	7.1	31.6	3.4
Los Angeles, CA	Orange, CA	warm	1	Elko, NV	13.1	10.1	42.2	5.0
Los Angeles, CA	Orange, CA	warm	1	Emery, UT	1.2	15.8	195.3	156.4
Los Angeles, CA	Orange, CA	warm	1	Esmeralda, NV	0.1	1.2	0.7	0.4
Los Angeles, CA	Orange, CA	warm	1	Eureka, NV	0.6	2.1	9.2	2.5
Los Angeles, CA	Orange, CA	warm	1	Fresno, CA	29.6	24.4	238.0	37.2
Los Angeles, CA	Orange, CA	warm	1	Garfield, UT	2.3	1.5	3.3	0.9
Los Angeles, CA	Orange, CA	warm	1	Gila, AZ	12.8	8.8	13.0	122.9
Los Angeles, CA	Orange, CA	warm	1	Graham, AZ	1.0	2.8	6.5	0.4
Los Angeles, CA	Orange, CA	warm	1	Grand, UT	0.6	0.5	10.1	0.4
Los Angeles, CA	Orange, CA	warm	1	Greenlee, AZ	4.0	6.8	3.3	1.0
Los Angeles, CA	Orange, CA	warm	1	Hidalgo, NM	0.5	3.2	12.2	0.5
Los Angeles, CA	Orange, CA	warm	1	Humboldt, NV	2.5	5.1	78.5	65.2
Los Angeles, CA	Orange, CA	warm	1	Imperial, CA	5.4	16.3	81.3	14.2
Los Angeles, CA	Orange, CA	warm	1	Inyo, CA	2.5	6.2	7.9	1.6
Los Angeles, CA	Orange, CA	warm	1	Iron, UT	1.0	1.3	23.0	3.6
Los Angeles, CA	Orange, CA	warm	1	Juab, UT	0.8	1.8	23.8	2.0
Los Angeles, CA	Orange, CA	warm	1	Kane, UT	0.7	0.6	2.8	0.7
Los Angeles, CA	Orange, CA	warm	1	Kern, CA	20.8	19.7	399.9	22.4
Los Angeles, CA	Orange, CA	warm	1	Kings, CA	3.0	5.1	44.3	3.9
Los Angeles, CA	Orange, CA	warm	1	La Paz, AZ	2.7	2.9	20.0	1.3
Los Angeles, CA	Orange, CA	warm	1	Lander, NV	0.5	1.7	6.2	0.6
Los Angeles, CA	Orange, CA	warm	1	Lincoln, NV	49.3	26.7	16.6	6.1
Los Angeles, CA	Orange, CA	warm	1	Los Angeles, CA	70.5	33.9	1784.1	206.7
Los Angeles, CA	Orange, CA	warm	1	Lyon, NV	1.5	5.0	47.6	4.3
Los Angeles, CA	Orange, CA	warm	1	Madera, CA	7.0	6.0	70.4	5.0
Los Angeles, CA	Orange, CA	warm	1	Maricopa, AZ	91.6	60.9	718.2	40.2
Los Angeles, CA	Orange, CA	warm	1	Mariposa, CA	3.1	2.0	5.9	0.3
Los Angeles, CA	Orange, CA	warm	1	Merced, CA	5.4	7.0	87.8	6.5
Los Angeles, CA	Orange, CA	warm	1	Mesa, CO	3.5	6.1	40.7	22.5
Los Angeles, CA	Orange, CA	warm	1	Millard, UT	2.3	12.8	191.9	28.9
Los Angeles, CA	Orange, CA	warm	1	Mineral, NV	0.2	2.8	1.3	0.2
Los Angeles, CA	Orange, CA	warm	1	Mohave, AZ	28.6	17.5	89.4	8.3
Los Angeles, CA	Orange, CA	warm	1	Mono, CA	1.9	3.7	5.0	0.2
Los Angeles, CA	Orange, CA	warm	1	Monterey, CA	8.2	7.8	122.5	36.2
Los Angeles, CA	Orange, CA	warm	1	Montezuma, CO	2.5	2.2	8.8	0.7
Los Angeles, CA	Orange, CA	warm	1	Montrose, CO	1.4	3.4	20.8	9.9
Los Angeles, CA	Orange, CA	warm	1	Navajo, AZ	5.4	20.2	163.2	157.2
Los Angeles, CA	Orange, CA	warm	1	Nye, NV	8.8	5.8	9.7	3.2
Los Angeles, CA	Orange, CA	warm	1	Orange, CA	21.3	10.1	414.5	59.8
Los Angeles, CA	Orange, CA	warm	1	Pershing, NV	0.5	1.9	12.2	0.7
Los Angeles, CA	Orange, CA	warm	1	Pima, AZ	11.0	16.0	198.2	40.1
Los Angeles, CA	Orange, CA	warm	1	Pinal, AZ	10.8	21.0	81.8	5.1
Los Angeles, CA	Orange, CA	warm	1	Piute, UT	1.8	1.0	1.1	0.4
Los Angeles, CA	Orange, CA	warm	1	Placer, CA	8.7	6.1	75.8	6.0
Los Angeles, CA	Orange, CA	warm	1	Riverside, CA	18.9	15.2	380.6	29.1
Los Angeles, CA	Orange, CA	warm	1	San Benito, CA	1.1	2.4	16.3	4.1
Los Angeles, CA	Orange, CA	warm	1	San Bernardino, CA	33.0	42.5	631.2	24.8
Los Angeles, CA	Orange, CA	warm	1	San Diego, CA	39.7	31.4	514.8	53.4
Los Angeles, CA	Orange, CA	warm	1	San Juan, NM	6.2	51.7	560.9	200.1
Los Angeles, CA	Orange, CA	warm	1	San Juan, UT	2.3	1.6	10.7	10.6
Los Angeles, CA	Orange, CA	warm	1	San Luis Obispo, CA	7.6	7.8	61.9	26.4
Los Angeles, CA	Orange, CA	warm	1	San Miguel, CO	0.9	0.6	4.2	0.3
Los Angeles, CA	Orange, CA	warm	1	Sanpete, UT	2.5	1.9	6.3	2.9
Los Angeles, CA	Orange, CA	warm	1	Santa Barbara, CA	10.5	4.3	179.1	68.4
Los Angeles, CA	Orange, CA	warm	1	Santa Clara, CA	15.5	17.8	292.2	45.8
Los Angeles, CA	Orange, CA	warm	1	Santa Cruz, AZ	1.9	2.2	9.9	0.8
Los Angeles, CA	Orange, CA	warm	1	Santa Cruz, CA	4.7	5.1	51.0	12.7
Los Angeles, CA	Orange, CA	warm	1	Sevier, UT	1.4	1.4	12.0	3.0
Los Angeles, CA	Orange, CA	warm	1	Stanislaus, CA	7.0	7.4	124.2	13.9
Los Angeles, CA	Orange, CA	warm	1	Storey, NV	0.5	1.9	13.6	1.0
Los Angeles, CA	Orange, CA	warm	1	Tooele, UT	4.7	6.5	35.2	3.4
Los Angeles, CA	Orange, CA	warm	1	Tulare, CA	12.0	11.6	116.9	9.6
Los Angeles, CA	Orange, CA	warm	1	Tuolumne, CA	6.3	4.4	22.9	1.7
Los Angeles, CA	Orange, CA	warm	1	Ventura, CA	12.3	6.0	146.5	19.9
Los Angeles, CA	Orange, CA	warm	1	Washington, UT	18.0	12.1	33.0	4.8
Los Angeles, CA	Orange, CA	warm	1	Washoe, NV	7.0	10.3	86.8	26.9
Los Angeles, CA	Orange, CA	warm	1	Wayne, UT	0.1	0.3	1.3	1.0
Los Angeles, CA	Orange, CA	warm	1	White Pine, NV	0.5	1.7	3.1	0.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Los Angeles, CA	Orange, CA	warm	1	Yavapai, AZ	37.9	24.5	88.9	13.2
Los Angeles, CA	Orange, CA	warm	1	Yuma, AZ	4.8	8.4	61.0	3.8
Los Angeles, CA	Riverside, CA	cold	53	Alpine, CA	12.4	5.6	18.9	2.6
Los Angeles, CA	Riverside, CA	cold	53	Amador, CA	111.3	84.4	381.7	12.0
Los Angeles, CA	Riverside, CA	cold	53	Apache, AZ	89.4	341.0	3851.8	3029.7
Los Angeles, CA	Riverside, CA	cold	53	Beaver, UT	25.3	20.9	226.9	33.2
Los Angeles, CA	Riverside, CA	cold	53	Calaveras, CA	80.4	55.9	286.5	6.2
Los Angeles, CA	Riverside, CA	cold	53	Carson, NV	46.5	44.2	184.9	190.5
Los Angeles, CA	Riverside, CA	cold	53	Churchill, NV	28.8	81.4	291.5	38.5
Los Angeles, CA	Riverside, CA	cold	53	Clark, NV	2263.3	1710.7	10558.3	7867.9
Los Angeles, CA	Riverside, CA	cold	53	Cochise, AZ	72.5	162.5	2361.7	542.8
Los Angeles, CA	Riverside, CA	cold	53	Coconino, AZ	249.4	532.0	6744.6	675.1
Los Angeles, CA	Riverside, CA	cold	53	Dolores, CO	35.0	34.3	52.5	4.4
Los Angeles, CA	Riverside, CA	cold	53	Douglas, NV	49.4	106.9	321.6	106.3
Los Angeles, CA	Riverside, CA	cold	53	El Dorado, CA	243.9	158.4	706.4	75.0
Los Angeles, CA	Riverside, CA	cold	53	Elko, NV	292.0	226.1	943.4	112.2
Los Angeles, CA	Riverside, CA	cold	53	Emery, UT	26.7	352.4	4368.3	3498.5
Los Angeles, CA	Riverside, CA	cold	53	Esmeralda, NV	1.4	27.2	15.6	8.7
Los Angeles, CA	Riverside, CA	cold	53	Eureka, NV	14.5	46.5	206.3	55.8
Los Angeles, CA	Riverside, CA	cold	53	Fresno, CA	661.4	546.5	5324.3	833.2
Los Angeles, CA	Riverside, CA	cold	53	Garfield, UT	52.1	34.2	73.1	19.4
Los Angeles, CA	Riverside, CA	cold	53	Gila, AZ	285.9	196.0	291.0	2749.4
Los Angeles, CA	Riverside, CA	cold	53	Graham, AZ	21.3	62.2	146.0	8.0
Los Angeles, CA	Riverside, CA	cold	53	Grand, UT	13.7	12.1	226.8	8.5
Los Angeles, CA	Riverside, CA	cold	53	Greenlee, AZ	89.9	152.7	74.3	22.9
Los Angeles, CA	Riverside, CA	cold	53	Hidalgo, NM	10.8	72.0	273.3	11.6
Los Angeles, CA	Riverside, CA	cold	53	Humboldt, NV	55.8	114.2	1755.6	1459.0
Los Angeles, CA	Riverside, CA	cold	53	Imperial, CA	121.5	364.8	1819.8	317.5
Los Angeles, CA	Riverside, CA	cold	53	Inyo, CA	56.7	137.9	176.4	36.7
Los Angeles, CA	Riverside, CA	cold	53	Iron, UT	21.4	29.0	514.4	79.6
Los Angeles, CA	Riverside, CA	cold	53	Juab, UT	17.9	41.0	532.6	44.6
Los Angeles, CA	Riverside, CA	cold	53	Kane, UT	14.6	14.3	63.3	15.1
Los Angeles, CA	Riverside, CA	cold	53	Kern, CA	465.7	441.5	8947.8	501.2
Los Angeles, CA	Riverside, CA	cold	53	Kings, CA	66.8	114.7	990.3	87.7
Los Angeles, CA	Riverside, CA	cold	53	La Paz, AZ	60.2	65.8	448.1	29.2
Los Angeles, CA	Riverside, CA	cold	53	Lander, NV	10.2	36.9	138.3	13.3
Los Angeles, CA	Riverside, CA	cold	53	Lincoln, NV	1102.0	597.1	371.0	136.6
Los Angeles, CA	Riverside, CA	cold	53	Los Angeles, CA	1576.4	757.8	39915.6	4623.6
Los Angeles, CA	Riverside, CA	cold	53	Lyon, NV	34.2	111.2	1065.1	96.1
Los Angeles, CA	Riverside, CA	cold	53	Madera, CA	156.7	135.2	1575.2	112.3
Los Angeles, CA	Riverside, CA	cold	53	Maricopa, AZ	2048.8	1362.7	16068.4	900.0
Los Angeles, CA	Riverside, CA	cold	53	Mariposa, CA	69.6	45.2	132.6	6.0
Los Angeles, CA	Riverside, CA	cold	53	Merced, CA	120.3	156.1	1963.4	145.9
Los Angeles, CA	Riverside, CA	cold	53	Mesa, CO	79.0	137.1	911.3	502.3
Los Angeles, CA	Riverside, CA	cold	53	Millard, UT	51.5	285.6	4294.1	645.6
Los Angeles, CA	Riverside, CA	cold	53	Mineral, NV	4.5	61.7	29.2	3.4
Los Angeles, CA	Riverside, CA	cold	53	Mohave, AZ	639.4	390.7	1999.0	185.4
Los Angeles, CA	Riverside, CA	cold	53	Mono, CA	43.4	81.7	112.7	3.8
Los Angeles, CA	Riverside, CA	cold	53	Monterey, CA	183.6	175.4	2741.0	809.7
Los Angeles, CA	Riverside, CA	cold	53	Montezuma, CO	54.9	49.6	197.4	15.5
Los Angeles, CA	Riverside, CA	cold	53	Montrose, CO	30.5	75.5	464.3	222.5
Los Angeles, CA	Riverside, CA	cold	53	Navajo, AZ	119.8	451.3	3650.8	3517.0
Los Angeles, CA	Riverside, CA	cold	53	Nye, NV	196.7	130.3	216.8	72.0
Los Angeles, CA	Riverside, CA	cold	53	Orange, CA	477.5	225.5	9273.3	1337.8
Los Angeles, CA	Riverside, CA	cold	53	Pershing, NV	10.1	41.5	272.2	16.5
Los Angeles, CA	Riverside, CA	cold	53	Pima, AZ	245.3	358.2	4434.4	896.8
Los Angeles, CA	Riverside, CA	cold	53	Pinal, AZ	241.3	469.1	1829.1	113.2
Los Angeles, CA	Riverside, CA	cold	53	Piute, UT	40.2	22.5	24.9	9.6
Los Angeles, CA	Riverside, CA	cold	53	Placer, CA	194.3	137.0	1695.5	133.8
Los Angeles, CA	Riverside, CA	cold	53	Riverside, CA	423.9	339.6	8514.6	650.9
Los Angeles, CA	Riverside, CA	cold	53	San Benito, CA	24.9	52.7	364.4	91.7
Los Angeles, CA	Riverside, CA	cold	53	San Bernardino, CA	739.2	951.5	14122.3	554.5
Los Angeles, CA	Riverside, CA	cold	53	San Diego, CA	888.1	702.7	11516.8	1194.1
Los Angeles, CA	Riverside, CA	cold	53	San Juan, NM	139.4	1157.3	12549.3	4477.9
Los Angeles, CA	Riverside, CA	cold	53	San Juan, UT	52.0	35.7	239.0	238.0
Los Angeles, CA	Riverside, CA	cold	53	San Luis Obispo, CA	170.8	173.7	1384.0	590.6
Los Angeles, CA	Riverside, CA	cold	53	San Miguel, CO	19.9	14.0	94.4	7.3
Los Angeles, CA	Riverside, CA	cold	53	Sanpete, UT	55.9	43.3	140.8	64.1
Los Angeles, CA	Riverside, CA	cold	53	Santa Barbara, CA	233.8	95.3	4007.7	1529.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Los Angeles, CA	Riverside, CA	cold	53	Santa Clara, CA	346.9	399.3	6538.4	1024.8
Los Angeles, CA	Riverside, CA	cold	53	Santa Cruz, AZ	42.0	49.1	222.3	16.9
Los Angeles, CA	Riverside, CA	cold	53	Santa Cruz, CA	104.1	113.5	1140.4	284.3
Los Angeles, CA	Riverside, CA	cold	53	Sevier, UT	31.4	31.0	268.9	67.3
Los Angeles, CA	Riverside, CA	cold	53	Stanislaus, CA	156.2	166.2	2779.1	310.8
Los Angeles, CA	Riverside, CA	cold	53	Storey, NV	10.2	41.9	304.2	23.0
Los Angeles, CA	Riverside, CA	cold	53	Tooele, UT	106.0	144.5	787.3	76.7
Los Angeles, CA	Riverside, CA	cold	53	Tulare, CA	268.0	260.3	2614.7	215.8
Los Angeles, CA	Riverside, CA	cold	53	Tuolumne, CA	140.5	99.4	512.1	39.0
Los Angeles, CA	Riverside, CA	cold	53	Ventura, CA	275.3	134.9	3276.9	444.7
Los Angeles, CA	Riverside, CA	cold	53	Washington, UT	402.8	270.9	739.0	107.8
Los Angeles, CA	Riverside, CA	cold	53	Washoe, NV	157.0	229.5	1940.9	600.9
Los Angeles, CA	Riverside, CA	cold	53	Wayne, UT	2.6	7.3	29.4	22.9
Los Angeles, CA	Riverside, CA	cold	53	White Pine, NV	12.1	38.8	69.7	5.4
Los Angeles, CA	Riverside, CA	cold	53	Yavapai, AZ	847.3	548.5	1988.6	295.8
Los Angeles, CA	Riverside, CA	cold	53	Yuma, AZ	106.8	187.9	1364.3	85.0
Los Angeles, CA	Riverside, CA	warm	19	Alpine, CA	6.7	3.0	10.2	1.4
Los Angeles, CA	Riverside, CA	warm	19	Amador, CA	59.7	45.3	204.7	6.5
Los Angeles, CA	Riverside, CA	warm	19	Apache, AZ	47.9	182.9	2066.0	1625.0
Los Angeles, CA	Riverside, CA	warm	19	Beaver, UT	13.6	11.2	121.7	17.8
Los Angeles, CA	Riverside, CA	warm	19	Calaveras, CA	43.1	30.0	153.7	3.3
Los Angeles, CA	Riverside, CA	warm	19	Carson, NV	25.0	23.7	99.2	102.2
Los Angeles, CA	Riverside, CA	warm	19	Churchill, NV	15.5	43.7	156.3	20.7
Los Angeles, CA	Riverside, CA	warm	19	Clark, NV	1213.9	917.6	5663.1	4220.1
Los Angeles, CA	Riverside, CA	warm	19	Cochise, AZ	38.9	87.2	1266.8	291.1
Los Angeles, CA	Riverside, CA	warm	19	Coconino, AZ	133.8	285.3	3617.6	362.1
Los Angeles, CA	Riverside, CA	warm	19	Dolores, CO	18.8	18.4	28.2	2.4
Los Angeles, CA	Riverside, CA	warm	19	Douglas, NV	26.5	57.3	172.5	57.0
Los Angeles, CA	Riverside, CA	warm	19	El Dorado, CA	130.8	84.9	378.9	40.3
Los Angeles, CA	Riverside, CA	warm	19	Elko, NV	156.6	121.3	506.0	60.2
Los Angeles, CA	Riverside, CA	warm	19	Emery, UT	14.3	189.0	2343.0	1876.5
Los Angeles, CA	Riverside, CA	warm	19	Esmeralda, NV	0.7	14.6	8.4	4.6
Los Angeles, CA	Riverside, CA	warm	19	Eureka, NV	7.8	24.9	110.6	29.9
Los Angeles, CA	Riverside, CA	warm	19	Fresno, CA	354.7	293.1	2855.8	446.9
Los Angeles, CA	Riverside, CA	warm	19	Garfield, UT	27.9	18.3	39.2	10.4
Los Angeles, CA	Riverside, CA	warm	19	Gila, AZ	153.4	105.1	156.1	1474.7
Los Angeles, CA	Riverside, CA	warm	19	Graham, AZ	11.4	33.4	78.3	4.3
Los Angeles, CA	Riverside, CA	warm	19	Grand, UT	7.3	6.5	121.6	4.6
Los Angeles, CA	Riverside, CA	warm	19	Greenlee, AZ	48.2	81.9	39.9	12.3
Los Angeles, CA	Riverside, CA	warm	19	Hidalgo, NM	5.8	38.6	146.6	6.2
Los Angeles, CA	Riverside, CA	warm	19	Humboldt, NV	29.9	61.3	941.7	782.6
Los Angeles, CA	Riverside, CA	warm	19	Imperial, CA	65.1	195.7	976.1	170.3
Los Angeles, CA	Riverside, CA	warm	19	Inyo, CA	30.4	74.0	94.6	19.7
Los Angeles, CA	Riverside, CA	warm	19	Iron, UT	11.5	15.6	275.9	42.7
Los Angeles, CA	Riverside, CA	warm	19	Juab, UT	9.6	22.0	285.7	23.9
Los Angeles, CA	Riverside, CA	warm	19	Kane, UT	7.8	7.7	34.0	8.1
Los Angeles, CA	Riverside, CA	warm	19	Kern, CA	249.8	236.8	4799.3	268.8
Los Angeles, CA	Riverside, CA	warm	19	Kings, CA	35.8	61.5	531.1	47.1
Los Angeles, CA	Riverside, CA	warm	19	La Paz, AZ	32.3	35.3	240.4	15.7
Los Angeles, CA	Riverside, CA	warm	19	Lander, NV	5.5	19.8	74.2	7.1
Los Angeles, CA	Riverside, CA	warm	19	Lincoln, NV	591.1	320.3	199.0	73.3
Los Angeles, CA	Riverside, CA	warm	19	Los Angeles, CA	845.5	406.4	21409.5	2480.0
Los Angeles, CA	Riverside, CA	warm	19	Lyon, NV	18.3	59.6	571.3	51.5
Los Angeles, CA	Riverside, CA	warm	19	Madera, CA	84.0	72.5	844.9	60.3
Los Angeles, CA	Riverside, CA	warm	19	Maricopa, AZ	1098.9	730.9	8618.6	482.7
Los Angeles, CA	Riverside, CA	warm	19	Mariposa, CA	37.3	24.2	71.1	3.2
Los Angeles, CA	Riverside, CA	warm	19	Merced, CA	64.5	83.7	1053.1	78.2
Los Angeles, CA	Riverside, CA	warm	19	Mesa, CO	42.4	73.5	488.8	269.4
Los Angeles, CA	Riverside, CA	warm	19	Millard, UT	27.6	153.2	2303.2	346.3
Los Angeles, CA	Riverside, CA	warm	19	Mineral, NV	2.4	33.1	15.6	1.8
Los Angeles, CA	Riverside, CA	warm	19	Mohave, AZ	342.9	209.6	1072.2	99.4
Los Angeles, CA	Riverside, CA	warm	19	Mono, CA	23.3	43.8	60.4	2.0
Los Angeles, CA	Riverside, CA	warm	19	Monterey, CA	98.5	94.1	1470.2	434.3
Los Angeles, CA	Riverside, CA	warm	19	Montezuma, CO	29.4	26.6	105.9	8.3
Los Angeles, CA	Riverside, CA	warm	19	Montrose, CO	16.4	40.5	249.0	119.4
Los Angeles, CA	Riverside, CA	warm	19	Navajo, AZ	64.3	242.0	1958.2	1886.4
Los Angeles, CA	Riverside, CA	warm	19	Nye, NV	105.5	69.9	116.3	38.6
Los Angeles, CA	Riverside, CA	warm	19	Orange, CA	256.1	121.0	4973.9	717.5
Los Angeles, CA	Riverside, CA	warm	19	Pershing, NV	5.4	22.3	146.0	8.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Los Angeles, CA	Riverside, CA	warm	19	Pima, AZ	131.6	192.1	2378.5	481.0
Los Angeles, CA	Riverside, CA	warm	19	Pinal, AZ	129.4	251.6	981.1	60.7
Los Angeles, CA	Riverside, CA	warm	19	Piute, UT	21.6	12.1	13.4	5.2
Los Angeles, CA	Riverside, CA	warm	19	Placer, CA	104.2	73.5	909.4	71.8
Los Angeles, CA	Riverside, CA	warm	19	Riverside, CA	227.3	182.1	4567.0	349.1
Los Angeles, CA	Riverside, CA	warm	19	San Benito, CA	13.3	28.3	195.5	49.2
Los Angeles, CA	Riverside, CA	warm	19	San Bernardino, CA	396.5	510.4	7574.8	297.4
Los Angeles, CA	Riverside, CA	warm	19	San Diego, CA	476.3	376.9	6177.3	640.5
Los Angeles, CA	Riverside, CA	warm	19	San Juan, NM	74.8	620.7	6731.1	2401.8
Los Angeles, CA	Riverside, CA	warm	19	San Juan, UT	27.9	19.1	128.2	127.7
Los Angeles, CA	Riverside, CA	warm	19	San Luis Obispo, CA	91.6	93.2	742.4	316.8
Los Angeles, CA	Riverside, CA	warm	19	San Miguel, CO	10.7	7.5	50.6	3.9
Los Angeles, CA	Riverside, CA	warm	19	Sanpete, UT	30.0	23.2	75.5	34.4
Los Angeles, CA	Riverside, CA	warm	19	Santa Barbara, CA	125.4	51.1	2149.6	820.5
Los Angeles, CA	Riverside, CA	warm	19	Santa Clara, CA	186.0	214.2	3507.0	549.7
Los Angeles, CA	Riverside, CA	warm	19	Santa Cruz, AZ	22.5	26.4	119.3	9.1
Los Angeles, CA	Riverside, CA	warm	19	Santa Cruz, CA	55.9	60.9	611.7	152.5
Los Angeles, CA	Riverside, CA	warm	19	Sevier, UT	16.8	16.6	144.2	36.1
Los Angeles, CA	Riverside, CA	warm	19	Stanislaus, CA	83.8	89.2	1490.6	166.7
Los Angeles, CA	Riverside, CA	warm	19	Storey, NV	5.4	22.4	163.2	12.3
Los Angeles, CA	Riverside, CA	warm	19	Tooele, UT	56.9	77.5	422.3	41.1
Los Angeles, CA	Riverside, CA	warm	19	Tulare, CA	143.8	139.6	1402.4	115.8
Los Angeles, CA	Riverside, CA	warm	19	Tuolumne, CA	75.4	53.3	274.7	20.9
Los Angeles, CA	Riverside, CA	warm	19	Ventura, CA	147.7	72.4	1757.6	238.5
Los Angeles, CA	Riverside, CA	warm	19	Washington, UT	216.1	145.3	396.4	57.8
Los Angeles, CA	Riverside, CA	warm	19	Washoe, NV	84.2	123.1	1041.1	322.3
Los Angeles, CA	Riverside, CA	warm	19	Wayne, UT	1.4	3.9	15.8	12.3
Los Angeles, CA	Riverside, CA	warm	19	White Pine, NV	6.5	20.8	37.4	2.9
Los Angeles, CA	Riverside, CA	warm	19	Yavapai, AZ	454.4	294.2	1066.6	158.7
Los Angeles, CA	Riverside, CA	warm	19	Yuma, AZ	57.3	100.8	731.8	45.6
Los Angeles, CA	San Bernardino, CA	cold	65	Alpine, CA	12.4	5.6	18.9	2.6
Los Angeles, CA	San Bernardino, CA	cold	65	Amador, CA	111.3	84.4	381.7	12.0
Los Angeles, CA	San Bernardino, CA	cold	65	Apache, AZ	89.4	341.0	3851.8	3029.7
Los Angeles, CA	San Bernardino, CA	cold	65	Beaver, UT	25.3	20.9	226.9	33.2
Los Angeles, CA	San Bernardino, CA	cold	65	Calaveras, CA	80.4	55.9	286.5	6.2
Los Angeles, CA	San Bernardino, CA	cold	65	Carson, NV	46.5	44.2	184.9	190.5
Los Angeles, CA	San Bernardino, CA	cold	65	Churchill, NV	28.8	81.4	291.5	38.5
Los Angeles, CA	San Bernardino, CA	cold	65	Clark, NV	2263.3	1710.7	10558.3	7867.9
Los Angeles, CA	San Bernardino, CA	cold	65	Cochise, AZ	72.5	162.5	2361.7	542.8
Los Angeles, CA	San Bernardino, CA	cold	65	Coconino, AZ	249.4	532.0	6744.6	675.1
Los Angeles, CA	San Bernardino, CA	cold	65	Dolores, CO	35.0	34.3	52.5	4.4
Los Angeles, CA	San Bernardino, CA	cold	65	Douglas, NV	49.4	106.9	321.6	106.3
Los Angeles, CA	San Bernardino, CA	cold	65	El Dorado, CA	243.9	158.4	706.4	75.0
Los Angeles, CA	San Bernardino, CA	cold	65	Elko, NV	292.0	226.1	943.4	112.2
Los Angeles, CA	San Bernardino, CA	cold	65	Emery, UT	26.7	352.4	4368.3	3498.5
Los Angeles, CA	San Bernardino, CA	cold	65	Esmeralda, NV	1.4	27.2	15.6	8.7
Los Angeles, CA	San Bernardino, CA	cold	65	Eureka, NV	14.5	46.5	206.3	55.8
Los Angeles, CA	San Bernardino, CA	cold	65	Fresno, CA	661.4	546.5	5324.3	833.2
Los Angeles, CA	San Bernardino, CA	cold	65	Garfield, UT	52.1	34.2	73.1	19.4
Los Angeles, CA	San Bernardino, CA	cold	65	Gila, AZ	285.9	196.0	291.0	2749.4
Los Angeles, CA	San Bernardino, CA	cold	65	Graham, AZ	21.3	62.2	146.0	8.0
Los Angeles, CA	San Bernardino, CA	cold	65	Grand, UT	13.7	12.1	226.8	8.5
Los Angeles, CA	San Bernardino, CA	cold	65	Greenlee, AZ	89.9	152.7	74.3	22.9
Los Angeles, CA	San Bernardino, CA	cold	65	Hidalgo, NM	10.8	72.0	273.3	11.6
Los Angeles, CA	San Bernardino, CA	cold	65	Humboldt, NV	55.8	114.2	1755.6	1459.0
Los Angeles, CA	San Bernardino, CA	cold	65	Imperial, CA	121.5	364.8	1819.8	317.5
Los Angeles, CA	San Bernardino, CA	cold	65	Inyo, CA	56.7	137.9	176.4	36.7
Los Angeles, CA	San Bernardino, CA	cold	65	Iron, UT	21.4	29.0	514.4	79.6
Los Angeles, CA	San Bernardino, CA	cold	65	Juab, UT	17.9	41.0	532.6	44.6
Los Angeles, CA	San Bernardino, CA	cold	65	Kane, UT	14.6	14.3	63.3	15.1
Los Angeles, CA	San Bernardino, CA	cold	65	Kern, CA	465.7	441.5	8947.8	501.2
Los Angeles, CA	San Bernardino, CA	cold	65	Kings, CA	66.8	114.7	990.3	87.7
Los Angeles, CA	San Bernardino, CA	cold	65	La Paz, AZ	60.2	65.8	448.1	29.2
Los Angeles, CA	San Bernardino, CA	cold	65	Lander, NV	10.2	36.9	138.3	13.3
Los Angeles, CA	San Bernardino, CA	cold	65	Lincoln, NV	1102.0	597.1	371.0	136.6
Los Angeles, CA	San Bernardino, CA	cold	65	Los Angeles, CA	1576.4	757.8	39915.6	4623.6
Los Angeles, CA	San Bernardino, CA	cold	65	Lyon, NV	34.2	111.2	1065.1	96.1
Los Angeles, CA	San Bernardino, CA	cold	65	Madera, CA	156.7	135.2	1575.2	112.3
Los Angeles, CA	San Bernardino, CA	cold	65	Maricopa, AZ	2048.8	1362.7	16068.4	900.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Los Angeles, CA	San Bernardino, CA	cold	65	Mariposa, CA	69.6	45.2	132.6	6.0
Los Angeles, CA	San Bernardino, CA	cold	65	Merced, CA	120.3	156.1	1963.4	145.9
Los Angeles, CA	San Bernardino, CA	cold	65	Mesa, CO	79.0	137.1	911.3	502.3
Los Angeles, CA	San Bernardino, CA	cold	65	Millard, UT	51.5	285.6	4294.1	645.6
Los Angeles, CA	San Bernardino, CA	cold	65	Mineral, NV	4.5	61.7	29.2	3.4
Los Angeles, CA	San Bernardino, CA	cold	65	Mohave, AZ	639.4	390.7	1999.0	185.4
Los Angeles, CA	San Bernardino, CA	cold	65	Mono, CA	43.4	81.7	112.7	3.8
Los Angeles, CA	San Bernardino, CA	cold	65	Monterey, CA	183.6	175.4	2741.0	809.7
Los Angeles, CA	San Bernardino, CA	cold	65	Montezuma, CO	54.9	49.6	197.4	15.5
Los Angeles, CA	San Bernardino, CA	cold	65	Montrose, CO	30.5	75.5	464.3	222.5
Los Angeles, CA	San Bernardino, CA	cold	65	Navajo, AZ	119.8	451.3	3650.8	3517.0
Los Angeles, CA	San Bernardino, CA	cold	65	Nye, NV	196.7	130.3	216.8	72.0
Los Angeles, CA	San Bernardino, CA	cold	65	Orange, CA	477.5	225.5	9273.3	1337.8
Los Angeles, CA	San Bernardino, CA	cold	65	Pershing, NV	10.1	41.5	272.2	16.5
Los Angeles, CA	San Bernardino, CA	cold	65	Pima, AZ	245.3	358.2	4434.4	896.8
Los Angeles, CA	San Bernardino, CA	cold	65	Pinal, AZ	241.3	469.1	1829.1	113.2
Los Angeles, CA	San Bernardino, CA	cold	65	Piute, UT	40.2	22.5	24.9	9.6
Los Angeles, CA	San Bernardino, CA	cold	65	Placer, CA	194.3	137.0	1695.5	133.8
Los Angeles, CA	San Bernardino, CA	cold	65	Riverside, CA	423.9	339.6	8514.6	650.9
Los Angeles, CA	San Bernardino, CA	cold	65	San Benito, CA	24.9	52.7	364.4	91.7
Los Angeles, CA	San Bernardino, CA	cold	65	San Bernardino, CA	739.2	951.5	14122.3	554.5
Los Angeles, CA	San Bernardino, CA	cold	65	San Diego, CA	888.1	702.7	11516.8	1194.1
Los Angeles, CA	San Bernardino, CA	cold	65	San Juan, NM	139.4	1157.3	12549.3	4477.9
Los Angeles, CA	San Bernardino, CA	cold	65	San Juan, UT	52.0	35.7	239.0	238.0
Los Angeles, CA	San Bernardino, CA	cold	65	San Luis Obispo, CA	170.8	173.7	1384.0	590.6
Los Angeles, CA	San Bernardino, CA	cold	65	San Miguel, CO	19.9	14.0	94.4	7.3
Los Angeles, CA	San Bernardino, CA	cold	65	Sanpete, UT	55.9	43.3	140.8	64.1
Los Angeles, CA	San Bernardino, CA	cold	65	Santa Barbara, CA	233.8	95.3	4007.7	1529.7
Los Angeles, CA	San Bernardino, CA	cold	65	Santa Clara, CA	346.9	399.3	6538.4	1024.8
Los Angeles, CA	San Bernardino, CA	cold	65	Santa Cruz, AZ	42.0	49.1	222.3	16.9
Los Angeles, CA	San Bernardino, CA	cold	65	Santa Cruz, CA	104.1	113.5	1140.4	284.3
Los Angeles, CA	San Bernardino, CA	cold	65	Sevier, UT	31.4	31.0	268.9	67.3
Los Angeles, CA	San Bernardino, CA	cold	65	Stanislaus, CA	156.2	166.2	2779.1	310.8
Los Angeles, CA	San Bernardino, CA	cold	65	Storey, NV	10.2	41.9	304.2	23.0
Los Angeles, CA	San Bernardino, CA	cold	65	Tooele, UT	106.0	144.5	787.3	76.7
Los Angeles, CA	San Bernardino, CA	cold	65	Tulare, CA	268.0	260.3	2614.7	215.8
Los Angeles, CA	San Bernardino, CA	cold	65	Tuolumne, CA	140.5	99.4	512.1	39.0
Los Angeles, CA	San Bernardino, CA	cold	65	Ventura, CA	275.3	134.9	3276.9	444.7
Los Angeles, CA	San Bernardino, CA	cold	65	Washington, UT	402.8	270.9	739.0	107.8
Los Angeles, CA	San Bernardino, CA	cold	65	Washoe, NV	157.0	229.5	1940.9	600.9
Los Angeles, CA	San Bernardino, CA	cold	65	Wayne, UT	2.6	7.3	29.4	22.9
Los Angeles, CA	San Bernardino, CA	cold	65	White Pine, NV	12.1	38.8	69.7	5.4
Los Angeles, CA	San Bernardino, CA	cold	65	Yavapai, AZ	847.3	548.5	1988.6	295.8
Los Angeles, CA	San Bernardino, CA	cold	65	Yuma, AZ	106.8	187.9	1364.3	85.0
Los Angeles, CA	San Bernardino, CA	warm	23	Alpine, CA	5.6	2.5	8.5	1.1
Los Angeles, CA	San Bernardino, CA	warm	23	Amador, CA	49.7	37.7	170.6	5.4
Los Angeles, CA	San Bernardino, CA	warm	23	Apache, AZ	39.9	152.4	1721.7	1354.2
Los Angeles, CA	San Bernardino, CA	warm	23	Beaver, UT	11.3	9.3	101.4	14.8
Los Angeles, CA	San Bernardino, CA	warm	23	Calaveras, CA	35.9	25.0	128.1	2.8
Los Angeles, CA	San Bernardino, CA	warm	23	Carson, NV	20.8	19.8	82.6	85.2
Los Angeles, CA	San Bernardino, CA	warm	23	Churchill, NV	12.9	36.4	130.3	17.2
Los Angeles, CA	San Bernardino, CA	warm	23	Clark, NV	1011.6	764.6	4719.3	3516.8
Los Angeles, CA	San Bernardino, CA	warm	23	Cochise, AZ	32.4	72.7	1055.6	242.6
Los Angeles, CA	San Bernardino, CA	warm	23	Coconino, AZ	111.5	237.8	3014.7	301.7
Los Angeles, CA	San Bernardino, CA	warm	23	Dolores, CO	15.7	15.3	23.5	2.0
Los Angeles, CA	San Bernardino, CA	warm	23	Douglas, NV	22.1	47.8	143.7	47.5
Los Angeles, CA	San Bernardino, CA	warm	23	El Dorado, CA	109.0	70.8	315.7	33.5
Los Angeles, CA	San Bernardino, CA	warm	23	Elko, NV	130.5	101.1	421.7	50.1
Los Angeles, CA	San Bernardino, CA	warm	23	Emery, UT	12.0	157.5	1952.5	1563.8
Los Angeles, CA	San Bernardino, CA	warm	23	Esmeralda, NV	0.6	12.2	7.0	3.9
Los Angeles, CA	San Bernardino, CA	warm	23	Eureka, NV	6.5	20.8	92.2	24.9
Los Angeles, CA	San Bernardino, CA	warm	23	Fresno, CA	295.6	244.3	2379.8	372.4
Los Angeles, CA	San Bernardino, CA	warm	23	Garfield, UT	23.3	15.3	32.7	8.7
Los Angeles, CA	San Bernardino, CA	warm	23	Gila, AZ	127.8	87.6	130.1	1228.9
Los Angeles, CA	San Bernardino, CA	warm	23	Graham, AZ	9.5	27.8	65.3	3.6
Los Angeles, CA	San Bernardino, CA	warm	23	Grand, UT	6.1	5.4	101.4	3.8
Los Angeles, CA	San Bernardino, CA	warm	23	Greenlee, AZ	40.2	68.2	33.2	10.2
Los Angeles, CA	San Bernardino, CA	warm	23	Hidalgo, NM	4.8	32.2	122.1	5.2
Los Angeles, CA	San Bernardino, CA	warm	23	Humboldt, NV	24.9	51.0	784.7	652.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Los Angeles, CA	San Bernardino, CA	warm	23	Imperial, CA	54.3	163.1	813.4	141.9
Los Angeles, CA	San Bernardino, CA	warm	23	Inyo, CA	25.3	61.6	78.8	16.4
Los Angeles, CA	San Bernardino, CA	warm	23	Iron, UT	9.6	13.0	229.9	35.6
Los Angeles, CA	San Bernardino, CA	warm	23	Juab, UT	8.0	18.3	238.1	19.9
Los Angeles, CA	San Bernardino, CA	warm	23	Kane, UT	6.5	6.4	28.3	6.7
Los Angeles, CA	San Bernardino, CA	warm	23	Kern, CA	208.1	197.4	3999.4	224.0
Los Angeles, CA	San Bernardino, CA	warm	23	Kings, CA	29.9	51.3	442.6	39.2
Los Angeles, CA	San Bernardino, CA	warm	23	La Paz, AZ	26.9	29.4	200.3	13.1
Los Angeles, CA	San Bernardino, CA	warm	23	Lander, NV	4.6	16.5	61.8	5.9
Los Angeles, CA	San Bernardino, CA	warm	23	Lincoln, NV	492.6	266.9	165.8	61.0
Los Angeles, CA	San Bernardino, CA	warm	23	Los Angeles, CA	704.6	338.7	17841.3	2066.6
Los Angeles, CA	San Bernardino, CA	warm	23	Lyon, NV	15.3	49.7	476.1	42.9
Los Angeles, CA	San Bernardino, CA	warm	23	Madera, CA	70.0	60.4	704.1	50.2
Los Angeles, CA	San Bernardino, CA	warm	23	Maricopa, AZ	915.7	609.1	7182.2	402.3
Los Angeles, CA	San Bernardino, CA	warm	23	Mariposa, CA	31.1	20.2	59.2	2.7
Los Angeles, CA	San Bernardino, CA	warm	23	Merced, CA	53.8	69.8	877.6	65.2
Los Angeles, CA	San Bernardino, CA	warm	23	Mesa, CO	35.3	61.3	407.3	224.5
Los Angeles, CA	San Bernardino, CA	warm	23	Millard, UT	23.0	127.6	1919.4	288.6
Los Angeles, CA	San Bernardino, CA	warm	23	Mineral, NV	2.0	27.6	13.0	1.5
Los Angeles, CA	San Bernardino, CA	warm	23	Mohave, AZ	285.8	174.7	893.5	82.9
Los Angeles, CA	San Bernardino, CA	warm	23	Mono, CA	19.4	36.5	50.4	1.7
Los Angeles, CA	San Bernardino, CA	warm	23	Monterey, CA	82.1	78.4	1225.2	361.9
Los Angeles, CA	San Bernardino, CA	warm	23	Montezuma, CO	24.5	22.2	88.2	6.9
Los Angeles, CA	San Bernardino, CA	warm	23	Montrose, CO	13.6	33.7	207.5	99.5
Los Angeles, CA	San Bernardino, CA	warm	23	Navajo, AZ	53.6	201.7	1631.8	1572.0
Los Angeles, CA	San Bernardino, CA	warm	23	Nye, NV	87.9	58.2	96.9	32.2
Los Angeles, CA	San Bernardino, CA	warm	23	Orange, CA	213.4	100.8	4144.9	597.9
Los Angeles, CA	San Bernardino, CA	warm	23	Pershing, NV	4.5	18.6	121.7	7.4
Los Angeles, CA	San Bernardino, CA	warm	23	Pima, AZ	109.7	160.1	1982.1	400.8
Los Angeles, CA	San Bernardino, CA	warm	23	Pinal, AZ	107.8	209.7	817.6	50.6
Los Angeles, CA	San Bernardino, CA	warm	23	Piute, UT	18.0	10.1	11.1	4.3
Los Angeles, CA	San Bernardino, CA	warm	23	Placer, CA	86.9	61.2	757.9	59.8
Los Angeles, CA	San Bernardino, CA	warm	23	Riverside, CA	189.5	151.8	3805.8	290.9
Los Angeles, CA	San Bernardino, CA	warm	23	San Benito, CA	11.1	23.5	162.9	41.0
Los Angeles, CA	San Bernardino, CA	warm	23	San Bernardino, CA	330.4	425.3	6312.3	247.8
Los Angeles, CA	San Bernardino, CA	warm	23	San Diego, CA	397.0	314.1	5147.7	533.7
Los Angeles, CA	San Bernardino, CA	warm	23	San Juan, NM	62.3	517.3	5609.2	2001.5
Los Angeles, CA	San Bernardino, CA	warm	23	San Juan, UT	23.2	15.9	106.8	106.4
Los Angeles, CA	San Bernardino, CA	warm	23	San Luis Obispo, CA	76.4	77.6	618.6	264.0
Los Angeles, CA	San Bernardino, CA	warm	23	San Miguel, CO	8.9	6.3	42.2	3.3
Los Angeles, CA	San Bernardino, CA	warm	23	Sanpete, UT	25.0	19.4	62.9	28.7
Los Angeles, CA	San Bernardino, CA	warm	23	Santa Barbara, CA	104.5	42.6	1791.3	683.7
Los Angeles, CA	San Bernardino, CA	warm	23	Santa Clara, CA	155.0	178.5	2922.5	458.1
Los Angeles, CA	San Bernardino, CA	warm	23	Santa Cruz, AZ	18.8	22.0	99.4	7.6
Los Angeles, CA	San Bernardino, CA	warm	23	Santa Cruz, CA	46.5	50.7	509.7	127.1
Los Angeles, CA	San Bernardino, CA	warm	23	Sevier, UT	14.0	13.8	120.2	30.1
Los Angeles, CA	San Bernardino, CA	warm	23	Stanislaus, CA	69.8	74.3	1242.2	138.9
Los Angeles, CA	San Bernardino, CA	warm	23	Storey, NV	4.5	18.7	136.0	10.3
Los Angeles, CA	San Bernardino, CA	warm	23	Tooele, UT	47.4	64.6	351.9	34.3
Los Angeles, CA	San Bernardino, CA	warm	23	Tulare, CA	119.8	116.3	1168.7	96.5
Los Angeles, CA	San Bernardino, CA	warm	23	Tuolumne, CA	62.8	44.4	228.9	17.4
Los Angeles, CA	San Bernardino, CA	warm	23	Ventura, CA	123.1	60.3	1464.7	198.8
Los Angeles, CA	San Bernardino, CA	warm	23	Washington, UT	180.1	121.1	330.3	48.2
Los Angeles, CA	San Bernardino, CA	warm	23	Washoe, NV	70.2	102.6	867.5	268.6
Los Angeles, CA	San Bernardino, CA	warm	23	Wayne, UT	1.2	3.3	13.1	10.2
Los Angeles, CA	San Bernardino, CA	warm	23	White Pine, NV	5.4	17.3	31.1	2.4
Los Angeles, CA	San Bernardino, CA	warm	23	Yavapai, AZ	378.7	245.2	888.9	132.2
Los Angeles, CA	San Bernardino, CA	warm	23	Yuma, AZ	47.8	84.0	609.8	38.0
Louisville, KY	Clark, IN	cold	4	Adair, KY	1.6	2.4	9.9	1.8
Louisville, KY	Clark, IN	cold	4	Allen, KY	1.6	2.2	12.7	4.0
Louisville, KY	Clark, IN	cold	4	Anderson, KY	2.0	3.2	15.5	4.8
Louisville, KY	Clark, IN	cold	4	Barren, KY	4.7	7.3	46.3	11.6
Louisville, KY	Clark, IN	cold	4	Bartholomew, IN	4.3	17.3	63.0	26.9
Louisville, KY	Clark, IN	cold	4	Boone, KY	11.6	17.7	204.8	101.6
Louisville, KY	Clark, IN	cold	4	Bourbon, KY	1.6	3.7	24.0	4.3
Louisville, KY	Clark, IN	cold	4	Boyle, KY	2.2	4.3	47.3	17.4
Louisville, KY	Clark, IN	cold	4	Breckinridge, KY	2.6	4.0	45.2	6.4
Louisville, KY	Clark, IN	cold	4	Brown, IN	1.8	2.6	13.1	1.1
Louisville, KY	Clark, IN	cold	4	Bullitt, KY	5.3	6.9	59.3	16.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Louisville, KY	Clark, IN	cold	4	Butler, KY	1.4	3.0	11.1	3.6
Louisville, KY	Clark, IN	cold	4	Butler, OH	10.6	27.5	314.4	200.7
Louisville, KY	Clark, IN	cold	4	Campbell, KY	3.4	4.1	79.8	13.8
Louisville, KY	Clark, IN	cold	4	Carroll, KY	4.8	39.2	329.1	959.6
Louisville, KY	Clark, IN	cold	4	Casey, KY	1.7	2.6	33.7	1.9
Louisville, KY	Clark, IN	cold	4	Clark, IL	2.6	9.5	31.4	1.9
Louisville, KY	Clark, IN	cold	4	Clark, IN	6.4	17.2	108.5	76.3
Louisville, KY	Clark, IN	cold	4	Clay, IN	3.2	10.5	31.6	4.8
Louisville, KY	Clark, IN	cold	4	Clermont, OH	13.8	77.5	674.5	1704.6
Louisville, KY	Clark, IN	cold	4	Crawford, IL	3.8	29.2	83.5	259.5
Louisville, KY	Clark, IN	cold	4	Crawford, IN	2.9	2.7	74.0	10.6
Louisville, KY	Clark, IN	cold	4	Cumberland, KY	0.9	1.4	4.8	1.0
Louisville, KY	Clark, IN	cold	4	Daviess, IN	3.4	13.6	30.7	5.9
Louisville, KY	Clark, IN	cold	4	Daviess, KY	6.9	18.5	224.1	143.5
Louisville, KY	Clark, IN	cold	4	Dearborn, IN	5.4	41.0	243.0	903.9
Louisville, KY	Clark, IN	cold	4	Decatur, IN	2.7	15.3	43.9	12.0
Louisville, KY	Clark, IN	cold	4	Dubois, IN	4.3	17.0	64.9	40.2
Louisville, KY	Clark, IN	cold	4	Edmonson, KY	1.3	1.6	10.9	0.8
Louisville, KY	Clark, IN	cold	4	Fayette, IN	1.6	8.0	22.4	9.1
Louisville, KY	Clark, IN	cold	4	Fayette, KY	9.1	13.1	174.5	60.6
Louisville, KY	Clark, IN	cold	4	Floyd, IN	5.4	48.4	154.1	1084.9
Louisville, KY	Clark, IN	cold	4	Franklin, IN	2.2	6.1	23.1	3.1
Louisville, KY	Clark, IN	cold	4	Franklin, KY	2.6	3.9	40.5	10.0
Louisville, KY	Clark, IN	cold	4	Gallatin, KY	1.6	3.7	41.9	7.0
Louisville, KY	Clark, IN	cold	4	Garrard, KY	1.5	2.3	13.9	1.8
Louisville, KY	Clark, IN	cold	4	Gibson, IN	7.9	103.3	616.1	2920.4
Louisville, KY	Clark, IN	cold	4	Grant, KY	3.0	3.1	51.6	5.0
Louisville, KY	Clark, IN	cold	4	Grayson, KY	2.6	4.6	18.6	6.7
Louisville, KY	Clark, IN	cold	4	Green, KY	1.3	2.1	8.7	1.4
Louisville, KY	Clark, IN	cold	4	Greene, IN	2.7	7.8	29.5	4.8
Louisville, KY	Clark, IN	cold	4	Hamilton, OH	23.5	85.5	944.5	1663.0
Louisville, KY	Clark, IN	cold	4	Hancock, IN	3.2	14.3	59.3	8.1
Louisville, KY	Clark, IN	cold	4	Hancock, KY	6.5	67.3	160.7	1220.7
Louisville, KY	Clark, IN	cold	4	Hardin, KY	6.8	9.7	88.9	22.8
Louisville, KY	Clark, IN	cold	4	Harrison, IN	4.5	9.1	64.6	12.7
Louisville, KY	Clark, IN	cold	4	Harrison, KY	2.0	3.0	29.0	4.9
Louisville, KY	Clark, IN	cold	4	Hart, KY	2.6	2.9	32.3	3.1
Louisville, KY	Clark, IN	cold	4	Henderson, KY	5.0	15.4	104.2	162.5
Louisville, KY	Clark, IN	cold	4	Hendricks, IN	6.0	18.9	109.4	11.4
Louisville, KY	Clark, IN	cold	4	Henry, IN	3.3	17.6	62.2	8.6
Louisville, KY	Clark, IN	cold	4	Henry, KY	2.0	3.9	24.7	2.7
Louisville, KY	Clark, IN	cold	4	Jackson, IN	4.3	11.8	63.7	15.3
Louisville, KY	Clark, IN	cold	4	Jefferson, IN	3.2	18.3	475.7	1421.1
Louisville, KY	Clark, IN	cold	4	Jefferson, KY	51.4	53.7	1106.5	1001.3
Louisville, KY	Clark, IN	cold	4	Jennings, IN	10.9	18.6	119.9	146.5
Louisville, KY	Clark, IN	cold	4	Jessamine, KY	3.4	5.1	36.5	7.4
Louisville, KY	Clark, IN	cold	4	Johnson, IN	4.2	15.9	88.7	17.8
Louisville, KY	Clark, IN	cold	4	Kenton, KY	5.1	4.8	119.2	24.5
Louisville, KY	Clark, IN	cold	4	Knox, IN	3.4	19.5	71.6	140.0
Louisville, KY	Clark, IN	cold	4	Larue, KY	1.7	2.8	15.2	3.7
Louisville, KY	Clark, IN	cold	4	Lawrence, IL	1.7	7.7	17.8	1.4
Louisville, KY	Clark, IN	cold	4	Lawrence, IN	4.0	11.3	126.8	85.6
Louisville, KY	Clark, IN	cold	4	Logan, KY	3.5	8.5	26.2	9.0
Louisville, KY	Clark, IN	cold	4	Marion, IN	23.5	88.0	710.8	1149.0
Louisville, KY	Clark, IN	cold	4	Marion, KY	1.9	3.4	14.4	5.0
Louisville, KY	Clark, IN	cold	4	Martin, IN	1.3	4.0	15.7	2.0
Louisville, KY	Clark, IN	cold	4	McLean, KY	1.8	4.3	9.1	1.2
Louisville, KY	Clark, IN	cold	4	Meade, KY	3.5	4.5	66.3	12.6
Louisville, KY	Clark, IN	cold	4	Mercer, KY	4.7	35.5	138.3	815.9
Louisville, KY	Clark, IN	cold	4	Metcalfe, KY	1.5	3.4	10.4	3.7
Louisville, KY	Clark, IN	cold	4	Monroe, IN	5.5	15.0	71.9	75.0
Louisville, KY	Clark, IN	cold	4	Monroe, KY	1.3	2.3	7.1	2.7
Louisville, KY	Clark, IN	cold	4	Montgomery, OH	12.0	16.3	398.3	178.6
Louisville, KY	Clark, IN	cold	4	Morgan, IN	4.5	23.8	125.3	358.8
Louisville, KY	Clark, IN	cold	4	Muhlenberg, KY	6.4	56.5	737.7	1902.4
Louisville, KY	Clark, IN	cold	4	Nelson, KY	4.5	7.0	32.5	14.9
Louisville, KY	Clark, IN	cold	4	Ohio, IN	0.5	1.6	12.1	1.9
Louisville, KY	Clark, IN	cold	4	Ohio, KY	2.9	10.2	135.8	212.0
Louisville, KY	Clark, IN	cold	4	Oldham, KY	4.1	6.5	62.4	9.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Louisville, KY	Clark, IN	cold	4	Orange, IN	2.0	5.4	26.9	4.1
Louisville, KY	Clark, IN	cold	4	Owen, IN	2.0	4.8	20.9	3.5
Louisville, KY	Clark, IN	cold	4	Owen, KY	1.4	2.0	10.7	1.1
Louisville, KY	Clark, IN	cold	4	Parke, IN	1.6	7.1	42.2	2.1
Louisville, KY	Clark, IN	cold	4	Pendleton, KY	1.9	3.2	63.4	9.4
Louisville, KY	Clark, IN	cold	4	Perry, IN	2.6	4.7	57.0	11.3
Louisville, KY	Clark, IN	cold	4	Pike, IN	3.1	37.3	358.3	996.9
Louisville, KY	Clark, IN	cold	4	Preble, OH	4.2	9.5	51.6	3.2
Louisville, KY	Clark, IN	cold	4	Putnam, IN	3.3	9.9	88.8	13.2
Louisville, KY	Clark, IN	cold	4	Ripley, IN	2.9	9.1	36.1	8.4
Louisville, KY	Clark, IN	cold	4	Rush, IN	1.8	13.1	22.5	4.1
Louisville, KY	Clark, IN	cold	4	Scott, IN	2.1	5.3	25.7	6.0
Louisville, KY	Clark, IN	cold	4	Scott, KY	3.7	7.1	74.1	21.6
Louisville, KY	Clark, IN	cold	4	Shelby, IN	4.5	20.1	85.1	14.5
Louisville, KY	Clark, IN	cold	4	Shelby, KY	4.3	6.4	50.1	11.5
Louisville, KY	Clark, IN	cold	4	Spencer, IN	3.8	23.1	454.8	1277.5
Louisville, KY	Clark, IN	cold	4	Spencer, KY	1.6	2.7	7.8	0.7
Louisville, KY	Clark, IN	cold	4	Sullivan, IN	3.6	23.7	214.2	395.7
Louisville, KY	Clark, IN	cold	4	Switzerland, IN	1.4	2.4	30.5	5.3
Louisville, KY	Clark, IN	cold	4	Taylor, KY	1.4	2.7	30.2	5.1
Louisville, KY	Clark, IN	cold	4	Trimble, KY	2.1	7.9	98.2	105.1
Louisville, KY	Clark, IN	cold	4	Union, IN	0.9	4.4	13.6	1.4
Louisville, KY	Clark, IN	cold	4	Vanderburgh, IN	5.8	21.8	133.0	38.3
Louisville, KY	Clark, IN	cold	4	Vigo, IN	7.6	60.6	277.6	1334.5
Louisville, KY	Clark, IN	cold	4	Wabash, IL	1.5	5.7	11.1	1.0
Louisville, KY	Clark, IN	cold	4	Warren, KY	7.3	11.8	69.8	21.9
Louisville, KY	Clark, IN	cold	4	Warren, OH	10.1	14.2	136.7	10.7
Louisville, KY	Clark, IN	cold	4	Warrick, IN	10.2	129.7	345.1	1740.0
Louisville, KY	Clark, IN	cold	4	Washington, IN	3.1	7.7	25.9	6.8
Louisville, KY	Clark, IN	cold	4	Washington, KY	1.3	2.4	9.7	2.4
Louisville, KY	Clark, IN	cold	4	Wayne, IN	4.4	27.6	94.2	242.7
Louisville, KY	Clark, IN	cold	4	Woodford, KY	1.8	5.7	58.3	70.4
Louisville, KY	Clark, IN	warm	18	Adair, KY	10.2	15.2	61.8	11.2
Louisville, KY	Clark, IN	warm	18	Allen, KY	10.3	13.9	78.9	24.7
Louisville, KY	Clark, IN	warm	18	Anderson, KY	12.2	19.8	96.5	30.1
Louisville, KY	Clark, IN	warm	18	Barren, KY	29.5	45.3	288.4	72.4
Louisville, KY	Clark, IN	warm	18	Bartholomew, IN	26.7	108.1	392.8	167.8
Louisville, KY	Clark, IN	warm	18	Boone, KY	72.3	110.2	1276.7	633.3
Louisville, KY	Clark, IN	warm	18	Bourbon, KY	9.9	23.1	149.5	26.8
Louisville, KY	Clark, IN	warm	18	Boyle, KY	13.5	27.1	295.1	108.7
Louisville, KY	Clark, IN	warm	18	Breckinridge, KY	16.2	25.0	281.7	39.9
Louisville, KY	Clark, IN	warm	18	Brown, IN	11.5	16.2	81.7	6.7
Louisville, KY	Clark, IN	warm	18	Bullitt, KY	33.2	42.8	369.5	100.9
Louisville, KY	Clark, IN	warm	18	Butler, KY	8.7	18.7	69.3	22.3
Louisville, KY	Clark, IN	warm	18	Butler, OH	66.2	171.7	1960.1	1251.3
Louisville, KY	Clark, IN	warm	18	Campbell, KY	21.1	25.5	497.7	86.1
Louisville, KY	Clark, IN	warm	18	Carroll, KY	29.9	244.6	2052.1	5983.1
Louisville, KY	Clark, IN	warm	18	Casey, KY	10.9	16.0	210.1	11.8
Louisville, KY	Clark, IN	warm	18	Clark, IL	16.5	59.4	195.7	11.9
Louisville, KY	Clark, IN	warm	18	Clark, IN	39.7	107.3	676.4	475.6
Louisville, KY	Clark, IN	warm	18	Clay, IN	19.7	65.7	197.2	29.9
Louisville, KY	Clark, IN	warm	18	Clermont, OH	86.3	483.1	4205.6	10628.4
Louisville, KY	Clark, IN	warm	18	Crawford, IL	24.0	182.2	520.8	1618.0
Louisville, KY	Clark, IN	warm	18	Crawford, IN	17.9	17.0	461.7	65.8
Louisville, KY	Clark, IN	warm	18	Cumberland, KY	5.6	8.6	29.6	6.0
Louisville, KY	Clark, IN	warm	18	Daviess, IN	21.5	84.9	191.3	36.9
Louisville, KY	Clark, IN	warm	18	Daviess, KY	43.2	115.1	1397.6	894.8
Louisville, KY	Clark, IN	warm	18	Dearborn, IN	33.9	255.5	1515.5	5636.2
Louisville, KY	Clark, IN	warm	18	Decatur, IN	16.9	95.6	273.5	74.8
Louisville, KY	Clark, IN	warm	18	Dubois, IN	26.8	105.9	404.5	250.8
Louisville, KY	Clark, IN	warm	18	Edmonson, KY	8.3	9.9	68.2	4.9
Louisville, KY	Clark, IN	warm	18	Fayette, IN	10.0	49.9	139.5	56.9
Louisville, KY	Clark, IN	warm	18	Fayette, KY	56.9	81.9	1087.9	377.8
Louisville, KY	Clark, IN	warm	18	Floyd, IN	33.6	301.6	961.0	6764.5
Louisville, KY	Clark, IN	warm	18	Franklin, IN	13.8	38.0	144.1	19.2
Louisville, KY	Clark, IN	warm	18	Franklin, KY	16.5	24.2	252.6	62.6
Louisville, KY	Clark, IN	warm	18	Gallatin, KY	9.9	23.1	261.2	43.7
Louisville, KY	Clark, IN	warm	18	Garrard, KY	9.2	14.4	86.7	11.1
Louisville, KY	Clark, IN	warm	18	Gibson, IN	49.3	643.9	3841.7	18209.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Louisville, KY	Clark, IN	warm	18	Grant, KY	18.9	19.3	321.5	31.5
Louisville, KY	Clark, IN	warm	18	Grayson, KY	15.9	28.5	116.3	41.6
Louisville, KY	Clark, IN	warm	18	Green, KY	7.9	13.1	54.0	8.5
Louisville, KY	Clark, IN	warm	18	Greene, IN	16.7	48.4	184.1	29.8
Louisville, KY	Clark, IN	warm	18	Hamilton, OH	146.3	532.9	5889.4	10369.3
Louisville, KY	Clark, IN	warm	18	Hancock, IN	20.0	89.1	369.9	50.6
Louisville, KY	Clark, IN	warm	18	Hancock, KY	40.3	419.7	1002.3	7611.7
Louisville, KY	Clark, IN	warm	18	Hardin, KY	42.1	60.5	554.6	141.9
Louisville, KY	Clark, IN	warm	18	Harrison, IN	28.0	56.6	402.7	79.1
Louisville, KY	Clark, IN	warm	18	Harrison, KY	12.3	18.8	180.9	30.7
Louisville, KY	Clark, IN	warm	18	Hart, KY	16.0	18.3	201.6	19.4
Louisville, KY	Clark, IN	warm	18	Henderson, KY	31.4	96.2	650.0	1013.1
Louisville, KY	Clark, IN	warm	18	Hendricks, IN	37.6	118.1	682.3	70.8
Louisville, KY	Clark, IN	warm	18	Henry, IN	20.7	110.0	387.8	53.4
Louisville, KY	Clark, IN	warm	18	Henry, KY	12.5	24.3	154.3	16.9
Louisville, KY	Clark, IN	warm	18	Jackson, IN	26.9	73.3	397.3	95.5
Louisville, KY	Clark, IN	warm	18	Jefferson, IN	19.8	114.4	2966.4	8861.0
Louisville, KY	Clark, IN	warm	18	Jefferson, KY	320.7	335.1	6899.2	6243.1
Louisville, KY	Clark, IN	warm	18	Jennings, IN	67.7	115.8	747.3	913.4
Louisville, KY	Clark, IN	warm	18	Jessamine, KY	21.3	31.9	227.7	46.0
Louisville, KY	Clark, IN	warm	18	Johnson, IN	26.0	99.4	553.4	111.1
Louisville, KY	Clark, IN	warm	18	Kenton, KY	31.7	30.1	743.1	152.9
Louisville, KY	Clark, IN	warm	18	Knox, IN	21.0	121.4	446.2	873.2
Louisville, KY	Clark, IN	warm	18	Larue, KY	10.9	17.8	94.7	22.9
Louisville, KY	Clark, IN	warm	18	Lawrence, IL	10.5	47.9	111.2	8.7
Louisville, KY	Clark, IN	warm	18	Lawrence, IN	25.2	70.5	790.7	533.8
Louisville, KY	Clark, IN	warm	18	Logan, KY	21.8	52.8	163.3	55.9
Louisville, KY	Clark, IN	warm	18	Marion, IN	146.5	549.0	4432.1	7164.5
Louisville, KY	Clark, IN	warm	18	Marion, KY	12.1	21.1	90.1	31.1
Louisville, KY	Clark, IN	warm	18	Martin, IN	8.3	25.0	98.1	12.4
Louisville, KY	Clark, IN	warm	18	McLean, KY	11.0	26.8	56.8	7.5
Louisville, KY	Clark, IN	warm	18	Meade, KY	22.0	27.8	413.7	78.3
Louisville, KY	Clark, IN	warm	18	Mercer, KY	29.6	221.4	862.4	5087.2
Louisville, KY	Clark, IN	warm	18	Metcalfe, KY	9.1	20.9	64.6	23.1
Louisville, KY	Clark, IN	warm	18	Monroe, IN	34.3	93.8	448.6	467.9
Louisville, KY	Clark, IN	warm	18	Monroe, KY	8.2	14.6	44.4	17.1
Louisville, KY	Clark, IN	warm	18	Montgomery, OH	74.9	101.5	2483.5	1113.9
Louisville, KY	Clark, IN	warm	18	Morgan, IN	28.3	148.3	781.6	2237.2
Louisville, KY	Clark, IN	warm	18	Muhlenberg, KY	39.6	352.0	4599.6	11862.1
Louisville, KY	Clark, IN	warm	18	Nelson, KY	28.2	43.9	202.8	93.1
Louisville, KY	Clark, IN	warm	18	Ohio, IN	3.4	9.9	75.3	12.1
Louisville, KY	Clark, IN	warm	18	Ohio, KY	18.2	63.6	846.7	1322.0
Louisville, KY	Clark, IN	warm	18	Oldham, KY	25.9	40.7	389.0	59.3
Louisville, KY	Clark, IN	warm	18	Orange, IN	12.5	33.5	167.9	25.3
Louisville, KY	Clark, IN	warm	18	Owen, IN	12.5	30.0	130.1	22.1
Louisville, KY	Clark, IN	warm	18	Owen, KY	8.7	12.3	66.9	6.6
Louisville, KY	Clark, IN	warm	18	Parke, IN	10.0	44.3	263.3	13.0
Louisville, KY	Clark, IN	warm	18	Pendleton, KY	11.8	20.2	395.4	58.7
Louisville, KY	Clark, IN	warm	18	Perry, IN	16.1	29.6	355.2	70.4
Louisville, KY	Clark, IN	warm	18	Pike, IN	19.2	232.5	2234.1	6216.0
Louisville, KY	Clark, IN	warm	18	Preble, OH	26.3	59.3	322.0	19.9
Louisville, KY	Clark, IN	warm	18	Putnam, IN	20.3	61.9	553.5	82.3
Louisville, KY	Clark, IN	warm	18	Ripley, IN	17.9	56.8	225.1	52.3
Louisville, KY	Clark, IN	warm	18	Rush, IN	11.5	81.4	140.2	25.8
Louisville, KY	Clark, IN	warm	18	Scott, IN	13.1	32.8	160.5	37.4
Louisville, KY	Clark, IN	warm	18	Scott, KY	23.4	44.0	462.3	134.7
Louisville, KY	Clark, IN	warm	18	Shelby, IN	28.0	125.6	530.7	90.3
Louisville, KY	Clark, IN	warm	18	Shelby, KY	26.6	39.7	312.6	71.7
Louisville, KY	Clark, IN	warm	18	Spencer, IN	23.7	143.9	2835.8	7965.3
Louisville, KY	Clark, IN	warm	18	Spencer, KY	9.9	16.7	48.9	4.3
Louisville, KY	Clark, IN	warm	18	Sullivan, IN	22.2	147.7	1335.7	2467.2
Louisville, KY	Clark, IN	warm	18	Switzerland, IN	9.0	14.8	190.3	33.3
Louisville, KY	Clark, IN	warm	18	Taylor, KY	8.4	16.8	188.4	31.5
Louisville, KY	Clark, IN	warm	18	Trimble, KY	13.1	49.5	612.4	655.3
Louisville, KY	Clark, IN	warm	18	Union, IN	5.5	27.6	84.5	8.5
Louisville, KY	Clark, IN	warm	18	Vanderburgh, IN	36.2	136.1	829.2	238.7
Louisville, KY	Clark, IN	warm	18	Vigo, IN	47.6	377.7	1730.7	8321.0
Louisville, KY	Clark, IN	warm	18	Wabash, IL	9.1	35.4	69.0	6.4
Louisville, KY	Clark, IN	warm	18	Warren, KY	45.8	73.8	435.4	136.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Louisville, KY	Clark, IN	warm	18	Warren, OH	63.0	88.5	852.3	66.9
Louisville, KY	Clark, IN	warm	18	Warrick, IN	63.6	808.6	2151.9	10849.7
Louisville, KY	Clark, IN	warm	18	Washington, IN	19.1	48.1	161.6	42.5
Louisville, KY	Clark, IN	warm	18	Washington, KY	8.3	14.7	60.2	14.9
Louisville, KY	Clark, IN	warm	18	Wayne, IN	27.5	172.0	587.4	1513.2
Louisville, KY	Clark, IN	warm	18	Woodford, KY	11.4	35.8	363.3	438.8
Louisville, KY	Jefferson, KY	cold	3	Adair, KY	0.8	1.2	5.0	0.9
Louisville, KY	Jefferson, KY	cold	3	Allen, KY	0.8	1.1	6.3	2.0
Louisville, KY	Jefferson, KY	cold	3	Anderson, KY	1.0	1.6	7.7	2.4
Louisville, KY	Jefferson, KY	cold	3	Barren, KY	2.4	3.6	23.1	5.8
Louisville, KY	Jefferson, KY	cold	3	Bartholomew, IN	2.1	8.7	31.5	13.5
Louisville, KY	Jefferson, KY	cold	3	Boone, KY	5.8	8.8	102.4	50.8
Louisville, KY	Jefferson, KY	cold	3	Bourbon, KY	0.8	1.9	12.0	2.1
Louisville, KY	Jefferson, KY	cold	3	Boyle, KY	1.1	2.2	23.7	8.7
Louisville, KY	Jefferson, KY	cold	3	Breckinridge, KY	1.3	2.0	22.6	3.2
Louisville, KY	Jefferson, KY	cold	3	Brown, IN	0.9	1.3	6.6	0.5
Louisville, KY	Jefferson, KY	cold	3	Bullitt, KY	2.7	3.4	29.6	8.1
Louisville, KY	Jefferson, KY	cold	3	Butler, KY	0.7	1.5	5.6	1.8
Louisville, KY	Jefferson, KY	cold	3	Butler, OH	5.3	13.8	157.2	100.3
Louisville, KY	Jefferson, KY	cold	3	Campbell, KY	1.7	2.0	39.9	6.9
Louisville, KY	Jefferson, KY	cold	3	Carroll, KY	2.4	19.6	164.6	479.8
Louisville, KY	Jefferson, KY	cold	3	Casey, KY	0.9	1.3	16.9	0.9
Louisville, KY	Jefferson, KY	cold	3	Clark, IL	1.3	4.8	15.7	1.0
Louisville, KY	Jefferson, KY	cold	3	Clark, IN	3.2	8.6	54.2	38.1
Louisville, KY	Jefferson, KY	cold	3	Clay, IN	1.6	5.3	15.8	2.4
Louisville, KY	Jefferson, KY	cold	3	Clermont, OH	6.9	38.7	337.2	852.3
Louisville, KY	Jefferson, KY	cold	3	Crawford, IL	1.9	14.6	41.8	129.7
Louisville, KY	Jefferson, KY	cold	3	Crawford, IN	1.4	1.4	37.0	5.3
Louisville, KY	Jefferson, KY	cold	3	Cumberland, KY	0.4	0.7	2.4	0.5
Louisville, KY	Jefferson, KY	cold	3	Daviess, IN	1.7	6.8	15.3	3.0
Louisville, KY	Jefferson, KY	cold	3	Daviess, KY	3.5	9.2	112.1	71.7
Louisville, KY	Jefferson, KY	cold	3	Dearborn, IN	2.7	20.5	121.5	452.0
Louisville, KY	Jefferson, KY	cold	3	Decatur, IN	1.4	7.7	21.9	6.0
Louisville, KY	Jefferson, KY	cold	3	Dubois, IN	2.1	8.5	32.4	20.1
Louisville, KY	Jefferson, KY	cold	3	Edmonson, KY	0.7	0.8	5.5	0.4
Louisville, KY	Jefferson, KY	cold	3	Fayette, IN	0.8	4.0	11.2	4.6
Louisville, KY	Jefferson, KY	cold	3	Fayette, KY	4.6	6.6	87.2	30.3
Louisville, KY	Jefferson, KY	cold	3	Floyd, IN	2.7	24.2	77.1	542.4
Louisville, KY	Jefferson, KY	cold	3	Franklin, IN	1.1	3.0	11.6	1.5
Louisville, KY	Jefferson, KY	cold	3	Franklin, KY	1.3	1.9	20.3	5.0
Louisville, KY	Jefferson, KY	cold	3	Gallatin, KY	0.8	1.9	20.9	3.5
Louisville, KY	Jefferson, KY	cold	3	Garrard, KY	0.7	1.2	7.0	0.9
Louisville, KY	Jefferson, KY	cold	3	Gibson, IN	4.0	51.6	308.1	1460.2
Louisville, KY	Jefferson, KY	cold	3	Grant, KY	1.5	1.6	25.8	2.5
Louisville, KY	Jefferson, KY	cold	3	Grayson, KY	1.3	2.3	9.3	3.3
Louisville, KY	Jefferson, KY	cold	3	Green, KY	0.6	1.1	4.3	0.7
Louisville, KY	Jefferson, KY	cold	3	Greene, IN	1.3	3.9	14.8	2.4
Louisville, KY	Jefferson, KY	cold	3	Hamilton, OH	11.7	42.7	472.3	831.5
Louisville, KY	Jefferson, KY	cold	3	Hancock, IN	1.6	7.1	29.7	4.1
Louisville, KY	Jefferson, KY	cold	3	Hancock, KY	3.2	33.7	80.4	610.4
Louisville, KY	Jefferson, KY	cold	3	Hardin, KY	3.4	4.9	44.5	11.4
Louisville, KY	Jefferson, KY	cold	3	Harrison, IN	2.2	4.5	32.3	6.3
Louisville, KY	Jefferson, KY	cold	3	Harrison, KY	1.0	1.5	14.5	2.5
Louisville, KY	Jefferson, KY	cold	3	Hart, KY	1.3	1.5	16.2	1.6
Louisville, KY	Jefferson, KY	cold	3	Henderson, KY	2.5	7.7	52.1	81.2
Louisville, KY	Jefferson, KY	cold	3	Hendricks, IN	3.0	9.5	54.7	5.7
Louisville, KY	Jefferson, KY	cold	3	Henry, IN	1.7	8.8	31.1	4.3
Louisville, KY	Jefferson, KY	cold	3	Henry, KY	1.0	1.9	12.4	1.4
Louisville, KY	Jefferson, KY	cold	3	Jackson, IN	2.2	5.9	31.9	7.7
Louisville, KY	Jefferson, KY	cold	3	Jefferson, IN	1.6	9.2	237.9	710.6
Louisville, KY	Jefferson, KY	cold	3	Jefferson, KY	25.7	26.9	553.2	500.6
Louisville, KY	Jefferson, KY	cold	3	Jennings, IN	5.4	9.3	59.9	73.2
Louisville, KY	Jefferson, KY	cold	3	Jessamine, KY	1.7	2.6	18.3	3.7
Louisville, KY	Jefferson, KY	cold	3	Johnson, IN	2.1	8.0	44.4	8.9
Louisville, KY	Jefferson, KY	cold	3	Kenton, KY	2.5	2.4	59.6	12.3
Louisville, KY	Jefferson, KY	cold	3	Knox, IN	1.7	9.7	35.8	70.0
Louisville, KY	Jefferson, KY	cold	3	Larue, KY	0.9	1.4	7.6	1.8
Louisville, KY	Jefferson, KY	cold	3	Lawrence, IL	0.8	3.8	8.9	0.7
Louisville, KY	Jefferson, KY	cold	3	Lawrence, IN	2.0	5.7	63.4	42.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Louisville, KY	Jefferson, KY	cold	3	Logan, KY	1.7	4.2	13.1	4.5
Louisville, KY	Jefferson, KY	cold	3	Marion, IN	11.7	44.0	355.4	574.5
Louisville, KY	Jefferson, KY	cold	3	Marion, KY	1.0	1.7	7.2	2.5
Louisville, KY	Jefferson, KY	cold	3	Martin, IN	0.7	2.0	7.9	1.0
Louisville, KY	Jefferson, KY	cold	3	McLean, KY	0.9	2.1	4.6	0.6
Louisville, KY	Jefferson, KY	cold	3	Meade, KY	1.8	2.2	33.2	6.3
Louisville, KY	Jefferson, KY	cold	3	Mercer, KY	2.4	17.8	69.2	407.9
Louisville, KY	Jefferson, KY	cold	3	Metcalfe, KY	0.7	1.7	5.2	1.8
Louisville, KY	Jefferson, KY	cold	3	Monroe, IN	2.7	7.5	36.0	37.5
Louisville, KY	Jefferson, KY	cold	3	Monroe, KY	0.7	1.2	3.6	1.4
Louisville, KY	Jefferson, KY	cold	3	Montgomery, OH	6.0	8.1	199.1	89.3
Louisville, KY	Jefferson, KY	cold	3	Morgan, IN	2.3	11.9	62.7	179.4
Louisville, KY	Jefferson, KY	cold	3	Muhlenberg, KY	3.2	28.2	368.8	951.2
Louisville, KY	Jefferson, KY	cold	3	Nelson, KY	2.3	3.5	16.3	7.5
Louisville, KY	Jefferson, KY	cold	3	Ohio, IN	0.3	0.8	6.0	1.0
Louisville, KY	Jefferson, KY	cold	3	Ohio, KY	1.5	5.1	67.9	106.0
Louisville, KY	Jefferson, KY	cold	3	Oldham, KY	2.1	3.3	31.2	4.8
Louisville, KY	Jefferson, KY	cold	3	Orange, IN	1.0	2.7	13.5	2.0
Louisville, KY	Jefferson, KY	cold	3	Owen, IN	1.0	2.4	10.4	1.8
Louisville, KY	Jefferson, KY	cold	3	Owen, KY	0.7	1.0	5.4	0.5
Louisville, KY	Jefferson, KY	cold	3	Parke, IN	0.8	3.6	21.1	1.0
Louisville, KY	Jefferson, KY	cold	3	Pendleton, KY	1.0	1.6	31.7	4.7
Louisville, KY	Jefferson, KY	cold	3	Perry, IN	1.3	2.4	28.5	5.6
Louisville, KY	Jefferson, KY	cold	3	Pike, IN	1.5	18.6	179.2	498.5
Louisville, KY	Jefferson, KY	cold	3	Preble, OH	2.1	4.8	25.8	1.6
Louisville, KY	Jefferson, KY	cold	3	Putnam, IN	1.6	5.0	44.4	6.6
Louisville, KY	Jefferson, KY	cold	3	Ripley, IN	1.4	4.6	18.1	4.2
Louisville, KY	Jefferson, KY	cold	3	Rush, IN	0.9	6.5	11.2	2.1
Louisville, KY	Jefferson, KY	cold	3	Scott, IN	1.0	2.6	12.9	3.0
Louisville, KY	Jefferson, KY	cold	3	Scott, KY	1.9	3.5	37.1	10.8
Louisville, KY	Jefferson, KY	cold	3	Shelby, IN	2.2	10.1	42.6	7.2
Louisville, KY	Jefferson, KY	cold	3	Shelby, KY	2.1	3.2	25.1	5.8
Louisville, KY	Jefferson, KY	cold	3	Spencer, IN	1.9	11.5	227.4	638.7
Louisville, KY	Jefferson, KY	cold	3	Spencer, KY	0.8	1.3	3.9	0.3
Louisville, KY	Jefferson, KY	cold	3	Sullivan, IN	1.8	11.8	107.1	197.8
Louisville, KY	Jefferson, KY	cold	3	Switzerland, IN	0.7	1.2	15.3	2.7
Louisville, KY	Jefferson, KY	cold	3	Taylor, KY	0.7	1.3	15.1	2.5
Louisville, KY	Jefferson, KY	cold	3	Trimble, KY	1.1	4.0	49.1	52.5
Louisville, KY	Jefferson, KY	cold	3	Union, IN	0.4	2.2	6.8	0.7
Louisville, KY	Jefferson, KY	cold	3	Vanderburgh, IN	2.9	10.9	66.5	19.1
Louisville, KY	Jefferson, KY	cold	3	Vigo, IN	3.8	30.3	138.8	667.3
Louisville, KY	Jefferson, KY	cold	3	Wabash, IL	0.7	2.8	5.5	0.5
Louisville, KY	Jefferson, KY	cold	3	Warren, KY	3.7	5.9	34.9	11.0
Louisville, KY	Jefferson, KY	cold	3	Warren, OH	5.1	7.1	68.3	5.4
Louisville, KY	Jefferson, KY	cold	3	Warrick, IN	5.1	64.8	172.6	870.0
Louisville, KY	Jefferson, KY	cold	3	Washington, IN	1.5	3.9	13.0	3.4
Louisville, KY	Jefferson, KY	cold	3	Washington, KY	0.7	1.2	4.8	1.2
Louisville, KY	Jefferson, KY	cold	3	Wayne, IN	2.2	13.8	47.1	121.3
Louisville, KY	Jefferson, KY	cold	3	Woodford, KY	0.9	2.9	29.1	35.2
Louisville, KY	Jefferson, KY	warm	23	Adair, KY	8.5	12.6	51.5	9.3
Louisville, KY	Jefferson, KY	warm	23	Allen, KY	8.6	11.6	65.7	20.6
Louisville, KY	Jefferson, KY	warm	23	Anderson, KY	10.2	16.5	80.4	25.1
Louisville, KY	Jefferson, KY	warm	23	Barren, KY	24.6	37.8	240.4	60.3
Louisville, KY	Jefferson, KY	warm	23	Bartholomew, IN	22.2	90.0	327.3	139.9
Louisville, KY	Jefferson, KY	warm	23	Boone, KY	60.2	91.9	1063.9	527.7
Louisville, KY	Jefferson, KY	warm	23	Bourbon, KY	8.3	19.3	124.6	22.3
Louisville, KY	Jefferson, KY	warm	23	Boyle, KY	11.2	22.6	245.9	90.6
Louisville, KY	Jefferson, KY	warm	23	Breckinridge, KY	13.5	20.9	234.7	33.3
Louisville, KY	Jefferson, KY	warm	23	Brown, IN	9.6	13.5	68.1	5.6
Louisville, KY	Jefferson, KY	warm	23	Bullitt, KY	27.7	35.7	307.9	84.1
Louisville, KY	Jefferson, KY	warm	23	Butler, KY	7.2	15.5	57.7	18.6
Louisville, KY	Jefferson, KY	warm	23	Butler, OH	55.2	143.1	1633.4	1042.8
Louisville, KY	Jefferson, KY	warm	23	Campbell, KY	17.6	21.2	414.8	71.7
Louisville, KY	Jefferson, KY	warm	23	Carroll, KY	24.9	203.8	1710.1	4985.9
Louisville, KY	Jefferson, KY	warm	23	Casey, KY	9.1	13.4	175.1	9.9
Louisville, KY	Jefferson, KY	warm	23	Clark, IL	13.7	49.5	163.1	9.9
Louisville, KY	Jefferson, KY	warm	23	Clark, IN	33.1	89.4	563.7	396.4
Louisville, KY	Jefferson, KY	warm	23	Clay, IN	16.4	54.7	164.3	24.9
Louisville, KY	Jefferson, KY	warm	23	Clermont, OH	71.9	402.5	3504.7	8857.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Louisville, KY	Jefferson, KY	warm	23	Crawford, IL	20.0	151.9	434.0	1348.3
Louisville, KY	Jefferson, KY	warm	23	Crawford, IN	14.9	14.2	384.7	54.8
Louisville, KY	Jefferson, KY	warm	23	Cumberland, KY	4.7	7.2	24.7	5.0
Louisville, KY	Jefferson, KY	warm	23	Daviess, IN	17.9	70.8	159.5	30.7
Louisville, KY	Jefferson, KY	warm	23	Daviess, KY	36.0	96.0	1164.7	745.6
Louisville, KY	Jefferson, KY	warm	23	Dearborn, IN	28.3	212.9	1262.9	4696.9
Louisville, KY	Jefferson, KY	warm	23	Decatur, IN	14.1	79.6	227.9	62.3
Louisville, KY	Jefferson, KY	warm	23	Dubois, IN	22.3	88.2	337.1	209.0
Louisville, KY	Jefferson, KY	warm	23	Edmonson, KY	6.9	8.3	56.8	4.1
Louisville, KY	Jefferson, KY	warm	23	Fayette, IN	8.3	41.5	116.2	47.4
Louisville, KY	Jefferson, KY	warm	23	Fayette, KY	47.4	68.3	906.6	314.9
Louisville, KY	Jefferson, KY	warm	23	Floyd, IN	28.0	251.3	800.8	5637.1
Louisville, KY	Jefferson, KY	warm	23	Franklin, IN	11.5	31.6	120.0	16.0
Louisville, KY	Jefferson, KY	warm	23	Franklin, KY	13.7	20.1	210.5	52.2
Louisville, KY	Jefferson, KY	warm	23	Gallatin, KY	8.2	19.2	217.7	36.4
Louisville, KY	Jefferson, KY	warm	23	Garrard, KY	7.7	12.0	72.2	9.3
Louisville, KY	Jefferson, KY	warm	23	Gibson, IN	41.1	536.5	3201.4	15174.7
Louisville, KY	Jefferson, KY	warm	23	Grant, KY	15.7	16.1	267.9	26.2
Louisville, KY	Jefferson, KY	warm	23	Grayson, KY	13.3	23.8	96.9	34.7
Louisville, KY	Jefferson, KY	warm	23	Green, KY	6.6	10.9	45.0	7.0
Louisville, KY	Jefferson, KY	warm	23	Greene, IN	13.9	40.3	153.5	24.8
Louisville, KY	Jefferson, KY	warm	23	Hamilton, OH	122.0	444.1	4907.8	8641.1
Louisville, KY	Jefferson, KY	warm	23	Hancock, IN	16.7	74.2	308.3	42.2
Louisville, KY	Jefferson, KY	warm	23	Hancock, KY	33.6	349.8	835.3	6343.1
Louisville, KY	Jefferson, KY	warm	23	Hardin, KY	35.1	50.4	462.2	118.3
Louisville, KY	Jefferson, KY	warm	23	Harrison, IN	23.4	47.2	335.6	65.9
Louisville, KY	Jefferson, KY	warm	23	Harrison, KY	10.3	15.6	150.8	25.6
Louisville, KY	Jefferson, KY	warm	23	Hart, KY	13.3	15.2	168.0	16.2
Louisville, KY	Jefferson, KY	warm	23	Henderson, KY	26.1	80.2	541.7	844.3
Louisville, KY	Jefferson, KY	warm	23	Hendricks, IN	31.3	98.4	568.6	59.0
Louisville, KY	Jefferson, KY	warm	23	Henry, IN	17.2	91.7	323.2	44.5
Louisville, KY	Jefferson, KY	warm	23	Henry, KY	10.4	20.2	128.6	14.1
Louisville, KY	Jefferson, KY	warm	23	Jackson, IN	22.4	61.1	331.1	79.6
Louisville, KY	Jefferson, KY	warm	23	Jefferson, IN	16.5	95.3	2472.0	7384.2
Louisville, KY	Jefferson, KY	warm	23	Jefferson, KY	267.3	279.3	5749.3	5202.6
Louisville, KY	Jefferson, KY	warm	23	Jennings, IN	56.4	96.5	622.8	761.1
Louisville, KY	Jefferson, KY	warm	23	Jessamine, KY	17.7	26.6	189.8	38.3
Louisville, KY	Jefferson, KY	warm	23	Johnson, IN	21.7	82.8	461.1	92.6
Louisville, KY	Jefferson, KY	warm	23	Kenton, KY	26.4	25.1	619.2	127.4
Louisville, KY	Jefferson, KY	warm	23	Knox, IN	17.5	101.1	371.8	727.7
Louisville, KY	Jefferson, KY	warm	23	Larue, KY	9.1	14.8	78.9	19.1
Louisville, KY	Jefferson, KY	warm	23	Lawrence, IL	8.7	39.9	92.6	7.3
Louisville, KY	Jefferson, KY	warm	23	Lawrence, IN	21.0	58.8	658.9	444.9
Louisville, KY	Jefferson, KY	warm	23	Logan, KY	18.1	44.0	136.1	46.6
Louisville, KY	Jefferson, KY	warm	23	Marion, IN	122.1	457.5	3693.4	5970.4
Louisville, KY	Jefferson, KY	warm	23	Marion, KY	10.1	17.6	75.1	25.9
Louisville, KY	Jefferson, KY	warm	23	Martin, IN	6.9	20.8	81.7	10.3
Louisville, KY	Jefferson, KY	warm	23	McLean, KY	9.2	22.3	47.4	6.2
Louisville, KY	Jefferson, KY	warm	23	Meade, KY	18.3	23.2	344.8	65.2
Louisville, KY	Jefferson, KY	warm	23	Mercer, KY	24.7	184.5	718.6	4239.3
Louisville, KY	Jefferson, KY	warm	23	Metcalfe, KY	7.6	17.4	53.8	19.2
Louisville, KY	Jefferson, KY	warm	23	Monroe, IN	28.6	78.1	373.9	389.9
Louisville, KY	Jefferson, KY	warm	23	Monroe, KY	6.8	12.1	37.0	14.2
Louisville, KY	Jefferson, KY	warm	23	Montgomery, OH	62.4	84.6	2069.5	928.3
Louisville, KY	Jefferson, KY	warm	23	Morgan, IN	23.5	123.6	651.3	1864.3
Louisville, KY	Jefferson, KY	warm	23	Muhlenberg, KY	33.0	293.4	3833.0	9885.1
Louisville, KY	Jefferson, KY	warm	23	Nelson, KY	23.5	36.6	169.0	77.6
Louisville, KY	Jefferson, KY	warm	23	Ohio, IN	2.8	8.3	62.7	10.0
Louisville, KY	Jefferson, KY	warm	23	Ohio, KY	15.1	53.0	705.6	1101.6
Louisville, KY	Jefferson, KY	warm	23	Oldham, KY	21.5	34.0	324.1	49.4
Louisville, KY	Jefferson, KY	warm	23	Orange, IN	10.4	27.9	139.9	21.1
Louisville, KY	Jefferson, KY	warm	23	Owen, IN	10.4	25.0	108.4	18.4
Louisville, KY	Jefferson, KY	warm	23	Owen, KY	7.2	10.2	55.8	5.5
Louisville, KY	Jefferson, KY	warm	23	Parke, IN	8.3	36.9	219.4	10.8
Louisville, KY	Jefferson, KY	warm	23	Pendleton, KY	9.9	16.8	329.5	48.9
Louisville, KY	Jefferson, KY	warm	23	Perry, IN	13.4	24.7	296.0	58.7
Louisville, KY	Jefferson, KY	warm	23	Pike, IN	16.0	193.7	1861.8	5180.0
Louisville, KY	Jefferson, KY	warm	23	Preble, OH	21.9	49.5	268.4	16.6
Louisville, KY	Jefferson, KY	warm	23	Putnam, IN	16.9	51.5	461.3	68.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Louisville, KY	Jefferson, KY	warm	23	Ripley, IN	14.9	47.4	187.6	43.6
Louisville, KY	Jefferson, KY	warm	23	Rush, IN	9.6	67.9	116.8	21.5
Louisville, KY	Jefferson, KY	warm	23	Scott, IN	10.9	27.4	133.8	31.1
Louisville, KY	Jefferson, KY	warm	23	Scott, KY	19.5	36.7	385.3	112.2
Louisville, KY	Jefferson, KY	warm	23	Shelby, IN	23.4	104.7	442.3	75.3
Louisville, KY	Jefferson, KY	warm	23	Shelby, KY	22.2	33.1	260.5	59.8
Louisville, KY	Jefferson, KY	warm	23	Spencer, IN	19.7	119.9	2363.2	6637.7
Louisville, KY	Jefferson, KY	warm	23	Spencer, KY	8.2	13.9	40.8	3.6
Louisville, KY	Jefferson, KY	warm	23	Sullivan, IN	18.5	123.1	1113.1	2056.0
Louisville, KY	Jefferson, KY	warm	23	Switzerland, IN	7.5	12.3	158.5	27.8
Louisville, KY	Jefferson, KY	warm	23	Taylor, KY	7.0	14.0	157.0	26.3
Louisville, KY	Jefferson, KY	warm	23	Trimble, KY	10.9	41.3	510.4	546.1
Louisville, KY	Jefferson, KY	warm	23	Union, IN	4.6	23.0	70.4	7.1
Louisville, KY	Jefferson, KY	warm	23	Vanderburgh, IN	30.2	113.4	691.0	198.9
Louisville, KY	Jefferson, KY	warm	23	Vigo, IN	39.7	314.7	1442.2	6934.2
Louisville, KY	Jefferson, KY	warm	23	Wabash, IL	7.6	29.5	57.5	5.3
Louisville, KY	Jefferson, KY	warm	23	Warren, KY	38.2	61.5	362.8	114.0
Louisville, KY	Jefferson, KY	warm	23	Warren, OH	52.5	73.7	710.2	55.7
Louisville, KY	Jefferson, KY	warm	23	Warrick, IN	53.0	673.8	1793.3	9041.4
Louisville, KY	Jefferson, KY	warm	23	Washington, IN	15.9	40.1	134.7	35.4
Louisville, KY	Jefferson, KY	warm	23	Washington, KY	6.9	12.2	50.2	12.4
Louisville, KY	Jefferson, KY	warm	23	Wayne, IN	22.9	143.3	489.5	1261.0
Louisville, KY	Jefferson, KY	warm	23	Woodford, KY	9.5	29.8	302.7	365.7
Madison, WI	Dane, WI	cold	14	Adams, WI	10.3	7.5	73.2	4.5
Madison, WI	Dane, WI	cold	14	Allamakee, IA	12.1	64.2	368.6	393.7
Madison, WI	Dane, WI	cold	14	Benton, IA	13.8	41.4	163.1	15.1
Madison, WI	Dane, WI	cold	14	Black Hawk, IA	28.6	67.5	461.7	202.9
Madison, WI	Dane, WI	cold	14	Boone, IL	10.0	34.7	153.2	8.5
Madison, WI	Dane, WI	cold	14	Bremer, IA	12.3	33.3	89.0	13.2
Madison, WI	Dane, WI	cold	14	Brown, WI	58.0	99.9	1597.9	1966.6
Madison, WI	Dane, WI	cold	14	Buchanan, IA	14.3	38.5	101.6	26.1
Madison, WI	Dane, WI	cold	14	Buffalo, WI	10.6	11.3	714.2	1113.9
Madison, WI	Dane, WI	cold	14	Bureau, IL	16.8	70.3	238.3	18.5
Madison, WI	Dane, WI	cold	14	Calumet, WI	13.0	25.5	143.7	14.0
Madison, WI	Dane, WI	cold	14	Carroll, IL	12.0	38.0	122.9	11.8
Madison, WI	Dane, WI	cold	14	Cedar, IA	12.7	36.6	203.7	15.1
Madison, WI	Dane, WI	cold	14	Chickasaw, IA	9.4	29.6	63.5	12.4
Madison, WI	Dane, WI	cold	14	Chippewa, WI	20.3	22.6	201.3	31.2
Madison, WI	Dane, WI	cold	14	Clark, WI	16.4	18.9	140.2	11.8
Madison, WI	Dane, WI	cold	14	Clayton, IA	14.4	38.8	124.1	17.5
Madison, WI	Dane, WI	cold	14	Clinton, IA	23.4	138.7	872.8	759.9
Madison, WI	Dane, WI	cold	14	Columbia, WI	24.6	54.3	760.4	1743.8
Madison, WI	Dane, WI	cold	14	Cook, IL	357.1	277.5	11574.2	2334.7
Madison, WI	Dane, WI	cold	14	Crawford, WI	9.4	7.8	122.7	11.7
Madison, WI	Dane, WI	cold	14	Dane, WI	112.3	160.6	1242.7	575.6
Madison, WI	Dane, WI	cold	14	DeKalb, IL	15.4	66.0	257.5	16.6
Madison, WI	Dane, WI	cold	14	Delaware, IA	10.6	35.3	89.3	10.6
Madison, WI	Dane, WI	cold	14	Dodge, WI	27.8	44.8	263.7	25.5
Madison, WI	Dane, WI	cold	14	Dubuque, IA	26.5	74.2	430.6	313.0
Madison, WI	Dane, WI	cold	14	Dunn, WI	18.8	24.1	296.1	21.3
Madison, WI	Dane, WI	cold	14	DuPage, IL	83.1	51.3	2435.5	132.9
Madison, WI	Dane, WI	cold	14	Eau Claire, WI	27.7	24.1	297.6	28.4
Madison, WI	Dane, WI	cold	14	Fayette, IA	12.6	41.8	84.7	12.8
Madison, WI	Dane, WI	cold	14	Fillmore, MN	13.7	65.9	93.2	8.3
Madison, WI	Dane, WI	cold	14	Fond du Lac, WI	26.5	45.0	288.1	33.0
Madison, WI	Dane, WI	cold	14	Grant, WI	20.0	37.0	432.1	1075.2
Madison, WI	Dane, WI	cold	14	Green Lake, WI	8.0	16.1	58.9	4.3
Madison, WI	Dane, WI	cold	14	Green, WI	14.3	26.5	106.6	11.1
Madison, WI	Dane, WI	cold	14	Grundy, IL	16.4	54.3	267.9	23.9
Madison, WI	Dane, WI	cold	14	Henry, IL	16.7	66.9	439.0	17.7
Madison, WI	Dane, WI	cold	14	Houston, MN	8.3	20.0	88.5	9.0
Madison, WI	Dane, WI	cold	14	Howard, IA	8.7	26.1	53.2	8.6
Madison, WI	Dane, WI	cold	14	Iowa, WI	9.3	14.6	67.7	6.4
Madison, WI	Dane, WI	cold	14	Jackson, IA	9.3	29.2	99.0	15.6
Madison, WI	Dane, WI	cold	14	Jackson, WI	10.5	7.2	175.7	8.0
Madison, WI	Dane, WI	cold	14	Jefferson, WI	23.5	27.7	275.6	21.3
Madison, WI	Dane, WI	cold	14	Jo Daviess, IL	13.3	36.7	244.8	13.5
Madison, WI	Dane, WI	cold	14	Jones, IA	9.5	30.7	73.5	9.2
Madison, WI	Dane, WI	cold	14	Juneau, WI	15.9	10.9	211.6	11.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Madison, WI	Dane, WI	cold	14	Kane, IL	48.4	81.4	1091.4	68.5
Madison, WI	Dane, WI	cold	14	Kendall, IL	15.2	37.8	244.1	23.2
Madison, WI	Dane, WI	cold	14	Kenosha, WI	30.3	62.2	1054.4	2244.5
Madison, WI	Dane, WI	cold	14	Kewaunee, WI	8.4	15.2	83.1	18.3
Madison, WI	Dane, WI	cold	14	La Crosse, WI	35.6	28.5	339.6	39.4
Madison, WI	Dane, WI	cold	14	La Salle, IL	33.1	141.6	781.4	324.2
Madison, WI	Dane, WI	cold	14	Lafayette, WI	9.6	27.0	66.0	7.1
Madison, WI	Dane, WI	cold	14	Lake, IL	70.7	97.0	1946.6	972.0
Madison, WI	Dane, WI	cold	14	Lake, IN	80.5	296.0	3579.4	2608.5
Madison, WI	Dane, WI	cold	14	Langlade, WI	9.5	8.7	54.6	5.0
Madison, WI	Dane, WI	cold	14	Lee, IL	23.1	75.3	375.8	41.0
Madison, WI	Dane, WI	cold	14	Lincoln, WI	14.7	11.7	223.3	494.3
Madison, WI	Dane, WI	cold	14	Linn, IA	37.1	169.5	1257.5	1120.5
Madison, WI	Dane, WI	cold	14	Livingston, IL	23.2	103.6	223.4	15.2
Madison, WI	Dane, WI	cold	14	Manitowoc, WI	23.0	37.5	385.1	290.0
Madison, WI	Dane, WI	cold	14	Marathon, WI	44.0	63.0	1029.7	1039.1
Madison, WI	Dane, WI	cold	14	Marquette, WI	8.8	6.4	122.5	5.0
Madison, WI	Dane, WI	cold	14	Marshall, IL	8.5	48.2	153.2	237.3
Madison, WI	Dane, WI	cold	14	McHenry, IL	41.8	95.3	626.9	39.1
Madison, WI	Dane, WI	cold	14	Menomonie, WI	5.1	1.9	12.2	1.0
Madison, WI	Dane, WI	cold	14	Milwaukee, WI	170.6	193.4	2402.2	1600.7
Madison, WI	Dane, WI	cold	14	Monroe, WI	21.5	18.7	248.2	14.5
Madison, WI	Dane, WI	cold	14	Mower, MN	14.1	64.9	187.4	187.9
Madison, WI	Dane, WI	cold	14	Oconto, WI	15.0	14.0	104.9	9.9
Madison, WI	Dane, WI	cold	14	Ogle, IL	20.9	66.8	284.3	19.3
Madison, WI	Dane, WI	cold	14	Olmsted, MN	35.8	94.1	534.1	182.4
Madison, WI	Dane, WI	cold	14	Outagamie, WI	41.7	55.4	638.1	764.2
Madison, WI	Dane, WI	cold	14	Ozaukee, WI	22.7	30.0	296.7	24.9
Madison, WI	Dane, WI	cold	14	Pepin, WI	6.9	6.3	72.4	8.4
Madison, WI	Dane, WI	cold	14	Portage, WI	25.1	38.7	286.7	36.2
Madison, WI	Dane, WI	cold	14	Putnam, IL	3.5	29.7	140.1	401.5
Madison, WI	Dane, WI	cold	14	Racine, WI	36.1	41.2	386.9	50.2
Madison, WI	Dane, WI	cold	14	Richland, WI	8.1	9.1	52.9	4.3
Madison, WI	Dane, WI	cold	14	Rock Island, IL	17.7	42.3	405.5	143.2
Madison, WI	Dane, WI	cold	14	Rock, WI	39.0	54.9	473.9	43.2
Madison, WI	Dane, WI	cold	14	Sauk, WI	27.0	31.1	193.9	24.1
Madison, WI	Dane, WI	cold	14	Scott, IA	26.1	97.7	747.3	605.8
Madison, WI	Dane, WI	cold	14	Shawano, WI	19.6	21.4	130.9	30.3
Madison, WI	Dane, WI	cold	14	Sheboygan, WI	35.9	71.1	722.1	1137.5
Madison, WI	Dane, WI	cold	14	Stephenson, IL	12.1	49.7	135.2	8.8
Madison, WI	Dane, WI	cold	14	Taylor, WI	11.9	8.7	70.6	6.2
Madison, WI	Dane, WI	cold	14	Trempealeau, WI	12.4	14.3	136.7	12.5
Madison, WI	Dane, WI	cold	14	Vernon, WI	16.5	60.3	389.9	879.2
Madison, WI	Dane, WI	cold	14	Wabasha, MN	12.1	39.4	141.9	15.1
Madison, WI	Dane, WI	cold	14	Walworth, WI	25.2	34.7	279.5	19.7
Madison, WI	Dane, WI	cold	14	Washington, WI	25.8	26.9	270.1	22.3
Madison, WI	Dane, WI	cold	14	Waukesha, WI	74.8	64.0	803.6	67.3
Madison, WI	Dane, WI	cold	14	Waupaca, WI	18.3	26.3	146.2	15.1
Madison, WI	Dane, WI	cold	14	Waushara, WI	12.0	11.8	130.6	6.7
Madison, WI	Dane, WI	cold	14	Whiteside, IL	17.8	69.0	314.2	23.0
Madison, WI	Dane, WI	cold	14	Will, IL	81.7	242.5	3039.6	5203.2
Madison, WI	Dane, WI	cold	14	Winnebago, IL	28.1	67.1	707.9	40.4
Madison, WI	Dane, WI	cold	14	Winnebago, WI	37.2	46.2	437.9	56.1
Madison, WI	Dane, WI	cold	14	Winneshiek, IA	11.9	37.9	82.7	14.7
Madison, WI	Dane, WI	cold	14	Winona, MN	18.2	53.3	236.1	24.0
Madison, WI	Dane, WI	cold	14	Wood, WI	24.5	35.9	698.1	956.7
Madison, WI	Dane, WI	cold	14	Woodford, IL	10.8	49.1	149.3	12.4
Madison, WI	Dane, WI	warm	5	Adams, WI	5.1	3.7	36.2	2.2
Madison, WI	Dane, WI	warm	5	Allamakee, IA	6.0	31.7	182.4	194.9
Madison, WI	Dane, WI	warm	5	Benton, IA	6.8	20.5	80.7	7.4
Madison, WI	Dane, WI	warm	5	Black Hawk, IA	14.1	33.4	228.5	100.4
Madison, WI	Dane, WI	warm	5	Boone, IL	5.0	17.1	75.8	4.2
Madison, WI	Dane, WI	warm	5	Bremer, IA	6.1	16.5	44.0	6.5
Madison, WI	Dane, WI	warm	5	Brown, WI	28.7	49.5	790.8	973.2
Madison, WI	Dane, WI	warm	5	Buchanan, IA	7.1	19.1	50.3	12.9
Madison, WI	Dane, WI	warm	5	Buffalo, WI	5.3	5.6	353.4	551.2
Madison, WI	Dane, WI	warm	5	Bureau, IL	8.3	34.8	117.9	9.2
Madison, WI	Dane, WI	warm	5	Calumet, WI	6.4	12.6	71.1	6.9
Madison, WI	Dane, WI	warm	5	Carroll, IL	5.9	18.8	60.8	5.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Madison, WI	Dane, WI	warm	5	Cedar, IA	6.3	18.1	100.8	7.5
Madison, WI	Dane, WI	warm	5	Chickasaw, IA	4.7	14.7	31.4	6.1
Madison, WI	Dane, WI	warm	5	Chippewa, WI	10.1	11.2	99.6	15.4
Madison, WI	Dane, WI	warm	5	Clark, WI	8.1	9.4	69.4	5.8
Madison, WI	Dane, WI	warm	5	Clayton, IA	7.1	19.2	61.4	8.7
Madison, WI	Dane, WI	warm	5	Clinton, IA	11.6	68.6	431.9	376.0
Madison, WI	Dane, WI	warm	5	Columbia, WI	12.2	26.9	376.3	862.9
Madison, WI	Dane, WI	warm	5	Cook, IL	176.7	137.3	5727.7	1155.4
Madison, WI	Dane, WI	warm	5	Crawford, WI	4.7	3.8	60.7	5.8
Madison, WI	Dane, WI	warm	5	Dane, WI	55.6	79.5	615.0	284.9
Madison, WI	Dane, WI	warm	5	DeKalb, IL	7.6	32.7	127.4	8.2
Madison, WI	Dane, WI	warm	5	Delaware, IA	5.2	17.5	44.2	5.3
Madison, WI	Dane, WI	warm	5	Dodge, WI	13.7	22.2	130.5	12.6
Madison, WI	Dane, WI	warm	5	Dubuque, IA	13.1	36.7	213.1	154.9
Madison, WI	Dane, WI	warm	5	Dunn, WI	9.3	11.9	146.5	10.5
Madison, WI	Dane, WI	warm	5	DuPage, IL	41.1	25.4	1205.2	65.8
Madison, WI	Dane, WI	warm	5	Eau Claire, WI	13.7	11.9	147.3	14.1
Madison, WI	Dane, WI	warm	5	Fayette, IA	6.2	20.7	41.9	6.4
Madison, WI	Dane, WI	warm	5	Fillmore, MN	6.8	32.6	46.1	4.1
Madison, WI	Dane, WI	warm	5	Fond du Lac, WI	13.1	22.2	142.5	16.3
Madison, WI	Dane, WI	warm	5	Grant, WI	9.9	18.3	213.8	532.1
Madison, WI	Dane, WI	warm	5	Green Lake, WI	4.0	8.0	29.1	2.1
Madison, WI	Dane, WI	warm	5	Green, WI	7.1	13.1	52.8	5.5
Madison, WI	Dane, WI	warm	5	Grundy, IL	8.1	26.9	132.6	11.8
Madison, WI	Dane, WI	warm	5	Henry, IL	8.3	33.1	217.2	8.7
Madison, WI	Dane, WI	warm	5	Houston, MN	4.1	9.9	43.8	4.5
Madison, WI	Dane, WI	warm	5	Howard, IA	4.3	12.9	26.3	4.3
Madison, WI	Dane, WI	warm	5	Iowa, WI	4.6	7.2	33.5	3.2
Madison, WI	Dane, WI	warm	5	Jackson, IA	4.6	14.5	49.0	7.7
Madison, WI	Dane, WI	warm	5	Jackson, WI	5.2	3.5	86.9	4.0
Madison, WI	Dane, WI	warm	5	Jefferson, WI	11.6	13.7	136.4	10.5
Madison, WI	Dane, WI	warm	5	Jo Daviess, IL	6.6	18.1	121.2	6.7
Madison, WI	Dane, WI	warm	5	Jones, IA	4.7	15.2	36.4	4.6
Madison, WI	Dane, WI	warm	5	Juneau, WI	7.9	5.4	104.7	5.5
Madison, WI	Dane, WI	warm	5	Kane, IL	24.0	40.3	540.1	33.9
Madison, WI	Dane, WI	warm	5	Kendall, IL	7.5	18.7	120.8	11.5
Madison, WI	Dane, WI	warm	5	Kenosha, WI	15.0	30.8	521.8	1110.7
Madison, WI	Dane, WI	warm	5	Kewaunee, WI	4.2	7.5	41.1	9.0
Madison, WI	Dane, WI	warm	5	La Crosse, WI	17.6	14.1	168.1	19.5
Madison, WI	Dane, WI	warm	5	La Salle, IL	16.4	70.1	386.7	160.4
Madison, WI	Dane, WI	warm	5	Lafayette, WI	4.7	13.4	32.6	3.5
Madison, WI	Dane, WI	warm	5	Lake, IL	35.0	48.0	963.3	481.0
Madison, WI	Dane, WI	warm	5	Lake, IN	39.8	146.5	1771.3	1290.9
Madison, WI	Dane, WI	warm	5	Langlade, WI	4.7	4.3	27.0	2.5
Madison, WI	Dane, WI	warm	5	Lee, IL	11.4	37.3	186.0	20.3
Madison, WI	Dane, WI	warm	5	Lincoln, WI	7.3	5.8	110.5	244.6
Madison, WI	Dane, WI	warm	5	Linn, IA	18.4	83.9	622.3	554.5
Madison, WI	Dane, WI	warm	5	Livingston, IL	11.5	51.3	110.5	7.5
Madison, WI	Dane, WI	warm	5	Manitowoc, WI	11.4	18.6	190.6	143.5
Madison, WI	Dane, WI	warm	5	Marathon, WI	21.8	31.2	509.6	514.2
Madison, WI	Dane, WI	warm	5	Marquette, WI	4.4	3.2	60.6	2.5
Madison, WI	Dane, WI	warm	5	Marshall, IL	4.2	23.8	75.8	117.4
Madison, WI	Dane, WI	warm	5	McHenry, IL	20.7	47.2	310.2	19.4
Madison, WI	Dane, WI	warm	5	Menomonie, WI	2.5	1.0	6.0	0.5
Madison, WI	Dane, WI	warm	5	Milwaukee, WI	84.4	95.7	1188.8	792.1
Madison, WI	Dane, WI	warm	5	Monroe, WI	10.6	9.3	122.8	7.2
Madison, WI	Dane, WI	warm	5	Mower, MN	7.0	32.1	92.7	93.0
Madison, WI	Dane, WI	warm	5	Oconto, WI	7.4	6.9	51.9	4.9
Madison, WI	Dane, WI	warm	5	Ogle, IL	10.3	33.1	140.7	9.6
Madison, WI	Dane, WI	warm	5	Olmsted, MN	17.7	46.6	264.3	90.3
Madison, WI	Dane, WI	warm	5	Outagamie, WI	20.6	27.4	315.8	378.2
Madison, WI	Dane, WI	warm	5	Ozaukee, WI	11.2	14.8	146.8	12.3
Madison, WI	Dane, WI	warm	5	Pepin, WI	3.4	3.1	35.8	4.2
Madison, WI	Dane, WI	warm	5	Portage, WI	12.4	19.1	141.9	17.9
Madison, WI	Dane, WI	warm	5	Putnam, IL	1.7	14.7	69.3	198.7
Madison, WI	Dane, WI	warm	5	Racine, WI	17.8	20.4	191.4	24.9
Madison, WI	Dane, WI	warm	5	Richland, WI	4.0	4.5	26.2	2.1
Madison, WI	Dane, WI	warm	5	Rock Island, IL	8.8	21.0	200.7	70.9
Madison, WI	Dane, WI	warm	5	Rock, WI	19.3	27.2	234.5	21.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Madison, WI	Dane, WI	warm	5	Sauk, WI	13.4	15.4	95.9	11.9
Madison, WI	Dane, WI	warm	5	Scott, IA	12.9	48.4	369.8	299.8
Madison, WI	Dane, WI	warm	5	Shawano, WI	9.7	10.6	64.8	15.0
Madison, WI	Dane, WI	warm	5	Sheboygan, WI	17.8	35.2	357.4	562.9
Madison, WI	Dane, WI	warm	5	Stephenson, IL	6.0	24.6	66.9	4.4
Madison, WI	Dane, WI	warm	5	Taylor, WI	5.9	4.3	34.9	3.1
Madison, WI	Dane, WI	warm	5	Trempealeau, WI	6.1	7.1	67.7	6.2
Madison, WI	Dane, WI	warm	5	Vernon, WI	8.2	29.9	193.0	435.1
Madison, WI	Dane, WI	warm	5	Wabasha, MN	6.0	19.5	70.2	7.5
Madison, WI	Dane, WI	warm	5	Walworth, WI	12.5	17.2	138.3	9.8
Madison, WI	Dane, WI	warm	5	Washington, WI	12.8	13.3	133.7	11.0
Madison, WI	Dane, WI	warm	5	Waukesha, WI	37.0	31.7	397.7	33.3
Madison, WI	Dane, WI	warm	5	Waupaca, WI	9.1	13.0	72.4	7.5
Madison, WI	Dane, WI	warm	5	Waushara, WI	5.9	5.9	64.6	3.3
Madison, WI	Dane, WI	warm	5	Whiteside, IL	8.8	34.1	155.5	11.4
Madison, WI	Dane, WI	warm	5	Will, IL	40.4	120.0	1504.2	2574.9
Madison, WI	Dane, WI	warm	5	Winnebago, IL	13.9	33.2	350.3	20.0
Madison, WI	Dane, WI	warm	5	Winnebago, WI	18.4	22.9	216.7	27.7
Madison, WI	Dane, WI	warm	5	Winneshiek, IA	5.9	18.7	40.9	7.3
Madison, WI	Dane, WI	warm	5	Winona, MN	9.0	26.4	116.8	11.9
Madison, WI	Dane, WI	warm	5	Wood, WI	12.1	17.8	345.5	473.4
Madison, WI	Dane, WI	warm	5	Woodford, IL	5.3	24.3	73.9	6.1
Milwaukee, WI	Milwaukee, WI	cold	46	Adams, WI	10.3	7.5	73.2	4.5
Milwaukee, WI	Milwaukee, WI	cold	46	Boone, IL	10.0	34.7	153.2	8.5
Milwaukee, WI	Milwaukee, WI	cold	46	Brown, WI	58.0	99.9	1597.9	1966.6
Milwaukee, WI	Milwaukee, WI	cold	46	Calumet, WI	13.0	25.5	143.7	14.0
Milwaukee, WI	Milwaukee, WI	cold	46	Carroll, IL	12.0	38.0	122.9	11.8
Milwaukee, WI	Milwaukee, WI	cold	46	Columbia, WI	24.6	54.3	760.4	1743.8
Milwaukee, WI	Milwaukee, WI	cold	46	Cook, IL	357.1	277.5	11574.2	2334.7
Milwaukee, WI	Milwaukee, WI	cold	46	Dane, WI	112.3	160.6	1242.7	575.6
Milwaukee, WI	Milwaukee, WI	cold	46	DeKalb, IL	15.4	66.0	257.5	16.6
Milwaukee, WI	Milwaukee, WI	cold	46	Dodge, WI	27.8	44.8	263.7	25.5
Milwaukee, WI	Milwaukee, WI	cold	46	Door, WI	12.8	13.5	179.0	41.8
Milwaukee, WI	Milwaukee, WI	cold	46	DuPage, IL	83.1	51.3	2435.5	132.9
Milwaukee, WI	Milwaukee, WI	cold	46	Fond du Lac, WI	26.5	45.0	288.1	33.0
Milwaukee, WI	Milwaukee, WI	cold	46	Grant, WI	20.0	37.0	432.1	1075.2
Milwaukee, WI	Milwaukee, WI	cold	46	Green Lake, WI	8.0	16.1	58.9	4.3
Milwaukee, WI	Milwaukee, WI	cold	46	Green, WI	14.3	26.5	106.6	11.1
Milwaukee, WI	Milwaukee, WI	cold	46	Iowa, WI	9.3	14.6	67.7	6.4
Milwaukee, WI	Milwaukee, WI	cold	46	Jackson, WI	10.5	7.2	175.7	8.0
Milwaukee, WI	Milwaukee, WI	cold	46	Jefferson, WI	23.5	27.7	275.6	21.3
Milwaukee, WI	Milwaukee, WI	cold	46	Juneau, WI	15.9	10.9	211.6	11.1
Milwaukee, WI	Milwaukee, WI	cold	46	Kane, IL	48.4	81.4	1091.4	68.5
Milwaukee, WI	Milwaukee, WI	cold	46	Kendall, IL	15.2	37.8	244.1	23.2
Milwaukee, WI	Milwaukee, WI	cold	46	Kenosha, WI	30.3	62.2	1054.4	2244.5
Milwaukee, WI	Milwaukee, WI	cold	46	Kewaunee, WI	8.4	15.2	83.1	18.3
Milwaukee, WI	Milwaukee, WI	cold	46	La Salle, IL	33.1	141.6	781.4	324.2
Milwaukee, WI	Milwaukee, WI	cold	46	Lafayette, WI	9.6	27.0	66.0	7.1
Milwaukee, WI	Milwaukee, WI	cold	46	Lake, IL	70.7	97.0	1946.6	972.0
Milwaukee, WI	Milwaukee, WI	cold	46	Lake, IN	80.5	296.0	3579.4	2608.5
Milwaukee, WI	Milwaukee, WI	cold	46	Lee, IL	23.1	75.3	375.8	41.0
Milwaukee, WI	Milwaukee, WI	cold	46	Manitowoc, WI	23.0	37.5	385.1	290.0
Milwaukee, WI	Milwaukee, WI	cold	46	Marathon, WI	44.0	63.0	1029.7	1039.1
Milwaukee, WI	Milwaukee, WI	cold	46	Marquette, WI	8.8	6.4	122.5	5.0
Milwaukee, WI	Milwaukee, WI	cold	46	McHenry, IL	41.8	95.3	626.9	39.1
Milwaukee, WI	Milwaukee, WI	cold	46	Milwaukee, WI	170.6	193.4	2402.2	1600.7
Milwaukee, WI	Milwaukee, WI	cold	46	Monroe, WI	21.5	18.7	248.2	14.5
Milwaukee, WI	Milwaukee, WI	cold	46	Oconto, WI	15.0	14.0	104.9	9.9
Milwaukee, WI	Milwaukee, WI	cold	46	Ogle, IL	20.9	66.8	284.3	19.3
Milwaukee, WI	Milwaukee, WI	cold	46	Outagamie, WI	41.7	55.4	638.1	764.2
Milwaukee, WI	Milwaukee, WI	cold	46	Ozaukee, WI	22.7	30.0	296.7	24.9
Milwaukee, WI	Milwaukee, WI	cold	46	Portage, WI	25.1	38.7	286.7	36.2
Milwaukee, WI	Milwaukee, WI	cold	46	Racine, WI	36.1	41.2	386.9	50.2
Milwaukee, WI	Milwaukee, WI	cold	46	Richland, WI	8.1	9.1	52.9	4.3
Milwaukee, WI	Milwaukee, WI	cold	46	Rock, WI	39.0	54.9	473.9	43.2
Milwaukee, WI	Milwaukee, WI	cold	46	Sauk, WI	27.0	31.1	193.9	24.1
Milwaukee, WI	Milwaukee, WI	cold	46	Shawano, WI	19.6	21.4	130.9	30.3
Milwaukee, WI	Milwaukee, WI	cold	46	Sheboygan, WI	35.9	71.1	722.1	1137.5
Milwaukee, WI	Milwaukee, WI	cold	46	Stephenson, IL	12.1	49.7	135.2	8.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Milwaukee, WI	Milwaukee, WI	cold	46	Vernon, WI	16.5	60.3	389.9	879.2
Milwaukee, WI	Milwaukee, WI	cold	46	Walworth, WI	25.2	34.7	279.5	19.7
Milwaukee, WI	Milwaukee, WI	cold	46	Washington, WI	25.8	26.9	270.1	22.3
Milwaukee, WI	Milwaukee, WI	cold	46	Waukesha, WI	74.8	64.0	803.6	67.3
Milwaukee, WI	Milwaukee, WI	cold	46	Waupaca, WI	18.3	26.3	146.2	15.1
Milwaukee, WI	Milwaukee, WI	cold	46	Waushara, WI	12.0	11.8	130.6	6.7
Milwaukee, WI	Milwaukee, WI	cold	46	Whiteside, IL	17.8	69.0	314.2	23.0
Milwaukee, WI	Milwaukee, WI	cold	46	Will, IL	81.7	242.5	3039.6	5203.2
Milwaukee, WI	Milwaukee, WI	cold	46	Winnebago, IL	28.1	67.1	707.9	40.4
Milwaukee, WI	Milwaukee, WI	cold	46	Winnebago, WI	37.2	46.2	437.9	56.1
Milwaukee, WI	Milwaukee, WI	cold	46	Wood, WI	24.5	35.9	698.1	956.7
Milwaukee, WI	Milwaukee, WI	warm	17	Adams, WI	8.2	6.0	58.0	3.6
Milwaukee, WI	Milwaukee, WI	warm	17	Boone, IL	7.9	27.4	121.3	6.7
Milwaukee, WI	Milwaukee, WI	warm	17	Brown, WI	46.0	79.1	1265.2	1557.1
Milwaukee, WI	Milwaukee, WI	warm	17	Calumet, WI	10.3	20.2	113.8	11.1
Milwaukee, WI	Milwaukee, WI	warm	17	Carroll, IL	9.5	30.1	97.3	9.3
Milwaukee, WI	Milwaukee, WI	warm	17	Columbia, WI	19.5	43.0	602.1	1380.7
Milwaukee, WI	Milwaukee, WI	warm	17	Cook, IL	282.7	219.7	9164.3	1848.6
Milwaukee, WI	Milwaukee, WI	warm	17	Dane, WI	88.9	127.2	983.9	455.8
Milwaukee, WI	Milwaukee, WI	warm	17	DeKalb, IL	12.2	52.3	203.9	13.1
Milwaukee, WI	Milwaukee, WI	warm	17	Dodge, WI	22.0	35.5	208.8	20.2
Milwaukee, WI	Milwaukee, WI	warm	17	Door, WI	10.1	10.7	141.7	33.1
Milwaukee, WI	Milwaukee, WI	warm	17	DuPage, IL	65.8	40.6	1928.4	105.2
Milwaukee, WI	Milwaukee, WI	warm	17	Fond du Lac, WI	21.0	35.6	228.1	26.1
Milwaukee, WI	Milwaukee, WI	warm	17	Grant, WI	15.8	29.3	342.1	851.3
Milwaukee, WI	Milwaukee, WI	warm	17	Green Lake, WI	6.4	12.7	46.6	3.4
Milwaukee, WI	Milwaukee, WI	warm	17	Green, WI	11.3	21.0	84.4	8.8
Milwaukee, WI	Milwaukee, WI	warm	17	Iowa, WI	7.4	11.5	53.6	5.1
Milwaukee, WI	Milwaukee, WI	warm	17	Jackson, WI	8.3	5.7	139.1	6.3
Milwaukee, WI	Milwaukee, WI	warm	17	Jefferson, WI	18.6	21.9	218.2	16.8
Milwaukee, WI	Milwaukee, WI	warm	17	Juneau, WI	12.6	8.6	167.5	8.8
Milwaukee, WI	Milwaukee, WI	warm	17	Kane, IL	38.4	64.5	864.2	54.2
Milwaukee, WI	Milwaukee, WI	warm	17	Kendall, IL	12.0	30.0	193.3	18.4
Milwaukee, WI	Milwaukee, WI	warm	17	Kenosha, WI	24.0	49.3	834.9	1777.2
Milwaukee, WI	Milwaukee, WI	warm	17	Kewaunee, WI	6.6	12.1	65.8	14.5
Milwaukee, WI	Milwaukee, WI	warm	17	La Salle, IL	26.2	112.1	618.7	256.7
Milwaukee, WI	Milwaukee, WI	warm	17	Lafayette, WI	7.6	21.4	52.2	5.7
Milwaukee, WI	Milwaukee, WI	warm	17	Lake, IL	56.0	76.8	1541.3	769.6
Milwaukee, WI	Milwaukee, WI	warm	17	Lake, IN	63.7	234.4	2834.1	2065.4
Milwaukee, WI	Milwaukee, WI	warm	17	Lee, IL	18.3	59.6	297.6	32.5
Milwaukee, WI	Milwaukee, WI	warm	17	Manitowoc, WI	18.2	29.7	304.9	229.6
Milwaukee, WI	Milwaukee, WI	warm	17	Marathon, WI	34.9	49.9	815.3	822.7
Milwaukee, WI	Milwaukee, WI	warm	17	Marquette, WI	7.0	5.1	97.0	4.0
Milwaukee, WI	Milwaukee, WI	warm	17	McHenry, IL	33.1	75.5	496.4	31.0
Milwaukee, WI	Milwaukee, WI	warm	17	Milwaukee, WI	135.0	153.1	1902.0	1267.4
Milwaukee, WI	Milwaukee, WI	warm	17	Monroe, WI	17.0	14.8	196.5	11.5
Milwaukee, WI	Milwaukee, WI	warm	17	Oconto, WI	11.8	11.1	83.0	7.9
Milwaukee, WI	Milwaukee, WI	warm	17	Ogle, IL	16.5	52.9	225.1	15.3
Milwaukee, WI	Milwaukee, WI	warm	17	Outagamie, WI	33.0	43.8	505.3	605.1
Milwaukee, WI	Milwaukee, WI	warm	17	Ozaukee, WI	18.0	23.7	234.9	19.7
Milwaukee, WI	Milwaukee, WI	warm	17	Portage, WI	19.9	30.6	227.0	28.7
Milwaukee, WI	Milwaukee, WI	warm	17	Racine, WI	28.6	32.6	306.3	39.8
Milwaukee, WI	Milwaukee, WI	warm	17	Richland, WI	6.4	7.2	41.9	3.4
Milwaukee, WI	Milwaukee, WI	warm	17	Rock, WI	30.9	43.5	375.2	34.2
Milwaukee, WI	Milwaukee, WI	warm	17	Sauk, WI	21.4	24.6	153.5	19.1
Milwaukee, WI	Milwaukee, WI	warm	17	Shawano, WI	15.5	16.9	103.7	24.0
Milwaukee, WI	Milwaukee, WI	warm	17	Sheboygan, WI	28.4	56.3	571.8	900.7
Milwaukee, WI	Milwaukee, WI	warm	17	Stephenson, IL	9.6	39.3	107.0	7.0
Milwaukee, WI	Milwaukee, WI	warm	17	Vernon, WI	13.1	47.8	308.7	696.1
Milwaukee, WI	Milwaukee, WI	warm	17	Walworth, WI	20.0	27.5	221.3	15.6
Milwaukee, WI	Milwaukee, WI	warm	17	Washington, WI	20.4	21.3	213.9	17.6
Milwaukee, WI	Milwaukee, WI	warm	17	Waukesha, WI	59.2	50.6	636.3	53.3
Milwaukee, WI	Milwaukee, WI	warm	17	Waupaca, WI	14.5	20.8	115.8	12.0
Milwaukee, WI	Milwaukee, WI	warm	17	Waushara, WI	9.5	9.4	103.4	5.3
Milwaukee, WI	Milwaukee, WI	warm	17	Whiteside, IL	14.1	54.6	248.8	18.2
Milwaukee, WI	Milwaukee, WI	warm	17	Will, IL	64.7	192.0	2406.7	4119.8
Milwaukee, WI	Milwaukee, WI	warm	17	Winnebago, IL	22.3	53.1	560.5	32.0
Milwaukee, WI	Milwaukee, WI	warm	17	Winnebago, WI	29.4	36.6	346.7	44.4
Milwaukee, WI	Milwaukee, WI	warm	17	Wood, WI	19.4	28.4	552.8	757.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Milwaukee, WI	Waukesha, WI	cold	10	Adams, WI	7.4	5.4	52.3	3.2
Milwaukee, WI	Waukesha, WI	cold	10	Boone, IL	7.2	24.8	109.4	6.0
Milwaukee, WI	Waukesha, WI	cold	10	Brown, WI	41.5	71.4	1141.4	1404.7
Milwaukee, WI	Waukesha, WI	cold	10	Calumet, WI	9.3	18.2	102.7	10.0
Milwaukee, WI	Waukesha, WI	cold	10	Carroll, IL	8.6	27.1	87.8	8.4
Milwaukee, WI	Waukesha, WI	cold	10	Columbia, WI	17.6	38.8	543.1	1245.6
Milwaukee, WI	Waukesha, WI	cold	10	Cook, IL	255.0	198.2	8267.3	1667.6
Milwaukee, WI	Waukesha, WI	cold	10	Dane, WI	80.2	114.7	887.6	411.2
Milwaukee, WI	Waukesha, WI	cold	10	DeKalb, IL	11.0	47.2	184.0	11.8
Milwaukee, WI	Waukesha, WI	cold	10	Dodge, WI	19.8	32.0	188.4	18.2
Milwaukee, WI	Waukesha, WI	cold	10	Door, WI	9.1	9.6	127.9	29.8
Milwaukee, WI	Waukesha, WI	cold	10	DuPage, IL	59.4	36.6	1739.6	94.9
Milwaukee, WI	Waukesha, WI	cold	10	Fond du Lac, WI	18.9	32.1	205.8	23.5
Milwaukee, WI	Waukesha, WI	cold	10	Grant, WI	14.3	26.4	308.6	768.0
Milwaukee, WI	Waukesha, WI	cold	10	Green Lake, WI	5.7	11.5	42.1	3.1
Milwaukee, WI	Waukesha, WI	cold	10	Green, WI	10.2	19.0	76.2	7.9
Milwaukee, WI	Waukesha, WI	cold	10	Iowa, WI	6.7	10.4	48.3	4.6
Milwaukee, WI	Waukesha, WI	cold	10	Jackson, WI	7.5	5.1	125.5	5.7
Milwaukee, WI	Waukesha, WI	cold	10	Jefferson, WI	16.8	19.8	196.9	15.2
Milwaukee, WI	Waukesha, WI	cold	10	Juneau, WI	11.3	7.8	151.1	7.9
Milwaukee, WI	Waukesha, WI	cold	10	Kane, IL	34.6	58.2	779.6	48.9
Milwaukee, WI	Waukesha, WI	cold	10	Kendall, IL	10.9	27.0	174.4	16.6
Milwaukee, WI	Waukesha, WI	cold	10	Kenosha, WI	21.7	44.4	753.1	1603.2
Milwaukee, WI	Waukesha, WI	cold	10	Kewaunee, WI	6.0	10.9	59.3	13.1
Milwaukee, WI	Waukesha, WI	cold	10	La Salle, IL	23.6	101.1	558.2	231.6
Milwaukee, WI	Waukesha, WI	cold	10	Lafayette, WI	6.8	19.3	47.1	5.1
Milwaukee, WI	Waukesha, WI	cold	10	Lake, IL	50.5	69.3	1390.4	694.3
Milwaukee, WI	Waukesha, WI	cold	10	Lake, IN	57.5	211.4	2556.7	1863.2
Milwaukee, WI	Waukesha, WI	cold	10	Lee, IL	16.5	53.8	268.5	29.3
Milwaukee, WI	Waukesha, WI	cold	10	Manitowoc, WI	16.4	26.8	275.0	207.2
Milwaukee, WI	Waukesha, WI	cold	10	Marathon, WI	31.4	45.0	735.5	742.2
Milwaukee, WI	Waukesha, WI	cold	10	Marquette, WI	6.3	4.6	87.5	3.6
Milwaukee, WI	Waukesha, WI	cold	10	McHenry, IL	29.9	68.1	447.8	27.9
Milwaukee, WI	Waukesha, WI	cold	10	Milwaukee, WI	121.8	138.1	1715.9	1143.4
Milwaukee, WI	Waukesha, WI	cold	10	Monroe, WI	15.4	13.4	177.3	10.4
Milwaukee, WI	Waukesha, WI	cold	10	Oconto, WI	10.7	10.0	74.9	7.1
Milwaukee, WI	Waukesha, WI	cold	10	Ogle, IL	14.9	47.7	203.1	13.8
Milwaukee, WI	Waukesha, WI	cold	10	Outagamie, WI	29.8	39.6	455.8	545.8
Milwaukee, WI	Waukesha, WI	cold	10	Ozaukee, WI	16.2	21.4	211.9	17.8
Milwaukee, WI	Waukesha, WI	cold	10	Portage, WI	17.9	27.6	204.8	25.9
Milwaukee, WI	Waukesha, WI	cold	10	Racine, WI	25.8	29.4	276.3	35.9
Milwaukee, WI	Waukesha, WI	cold	10	Richland, WI	5.8	6.5	37.8	3.1
Milwaukee, WI	Waukesha, WI	cold	10	Rock, WI	27.9	39.2	338.5	30.8
Milwaukee, WI	Waukesha, WI	cold	10	Sauk, WI	19.3	22.2	138.5	17.2
Milwaukee, WI	Waukesha, WI	cold	10	Shawano, WI	14.0	15.3	93.5	21.7
Milwaukee, WI	Waukesha, WI	cold	10	Sheboygan, WI	25.6	50.8	515.8	812.5
Milwaukee, WI	Waukesha, WI	cold	10	Stephenson, IL	8.7	35.5	96.5	6.3
Milwaukee, WI	Waukesha, WI	cold	10	Vernon, WI	11.8	43.1	278.5	628.0
Milwaukee, WI	Waukesha, WI	cold	10	Walworth, WI	18.0	24.8	199.6	14.1
Milwaukee, WI	Waukesha, WI	cold	10	Washington, WI	18.4	19.2	192.9	15.9
Milwaukee, WI	Waukesha, WI	cold	10	Waukesha, WI	53.4	45.7	574.0	48.1
Milwaukee, WI	Waukesha, WI	cold	10	Waupaca, WI	13.1	18.8	104.5	10.8
Milwaukee, WI	Waukesha, WI	cold	10	Waushara, WI	8.6	8.5	93.3	4.8
Milwaukee, WI	Waukesha, WI	cold	10	Whiteside, IL	12.7	49.3	224.4	16.5
Milwaukee, WI	Waukesha, WI	cold	10	Will, IL	58.3	173.2	2171.1	3716.6
Milwaukee, WI	Waukesha, WI	cold	10	Winnebago, IL	20.1	47.9	505.6	28.9
Milwaukee, WI	Waukesha, WI	cold	10	Winnebago, WI	26.5	33.0	312.8	40.1
Milwaukee, WI	Waukesha, WI	cold	10	Wood, WI	17.5	25.6	498.7	683.3
Milwaukee, WI	Waukesha, WI	warm	3	Adams, WI	3.1	2.2	21.7	1.3
Milwaukee, WI	Waukesha, WI	warm	3	Boone, IL	3.0	10.3	45.5	2.5
Milwaukee, WI	Waukesha, WI	warm	3	Brown, WI	17.2	29.7	474.5	583.9
Milwaukee, WI	Waukesha, WI	warm	3	Calumet, WI	3.9	7.6	42.7	4.2
Milwaukee, WI	Waukesha, WI	warm	3	Carroll, IL	3.6	11.3	36.5	3.5
Milwaukee, WI	Waukesha, WI	warm	3	Columbia, WI	7.3	16.1	225.8	517.8
Milwaukee, WI	Waukesha, WI	warm	3	Cook, IL	106.0	82.4	3436.6	693.2
Milwaukee, WI	Waukesha, WI	warm	3	Dane, WI	33.3	47.7	369.0	170.9
Milwaukee, WI	Waukesha, WI	warm	3	DeKalb, IL	4.6	19.6	76.5	4.9
Milwaukee, WI	Waukesha, WI	warm	3	Dodge, WI	8.2	13.3	78.3	7.6
Milwaukee, WI	Waukesha, WI	warm	3	Door, WI	3.8	4.0	53.1	12.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Milwaukee, WI	Waukesha, WI	warm	3	DuPage, IL	24.7	15.2	723.1	39.5
Milwaukee, WI	Waukesha, WI	warm	3	Fond du Lac, WI	7.9	13.3	85.5	9.8
Milwaukee, WI	Waukesha, WI	warm	3	Grant, WI	5.9	11.0	128.3	319.2
Milwaukee, WI	Waukesha, WI	warm	3	Green Lake, WI	2.4	4.8	17.5	1.3
Milwaukee, WI	Waukesha, WI	warm	3	Green, WI	4.2	7.9	31.7	3.3
Milwaukee, WI	Waukesha, WI	warm	3	Iowa, WI	2.8	4.3	20.1	1.9
Milwaukee, WI	Waukesha, WI	warm	3	Jackson, WI	3.1	2.1	52.2	2.4
Milwaukee, WI	Waukesha, WI	warm	3	Jefferson, WI	7.0	8.2	81.8	6.3
Milwaukee, WI	Waukesha, WI	warm	3	Juneau, WI	4.7	3.2	62.8	3.3
Milwaukee, WI	Waukesha, WI	warm	3	Kane, IL	14.4	24.2	324.1	20.3
Milwaukee, WI	Waukesha, WI	warm	3	Kendall, IL	4.5	11.2	72.5	6.9
Milwaukee, WI	Waukesha, WI	warm	3	Kenosha, WI	9.0	18.5	313.1	666.4
Milwaukee, WI	Waukesha, WI	warm	3	Kewaunee, WI	2.5	4.5	24.7	5.4
Milwaukee, WI	Waukesha, WI	warm	3	La Salle, IL	9.8	42.0	232.0	96.3
Milwaukee, WI	Waukesha, WI	warm	3	Lafayette, WI	2.8	8.0	19.6	2.1
Milwaukee, WI	Waukesha, WI	warm	3	Lake, IL	21.0	28.8	578.0	288.6
Milwaukee, WI	Waukesha, WI	warm	3	Lake, IN	23.9	87.9	1062.8	774.5
Milwaukee, WI	Waukesha, WI	warm	3	Lee, IL	6.9	22.4	111.6	12.2
Milwaukee, WI	Waukesha, WI	warm	3	Manitowoc, WI	6.8	11.1	114.3	86.1
Milwaukee, WI	Waukesha, WI	warm	3	Marathon, WI	13.1	18.7	305.7	308.5
Milwaukee, WI	Waukesha, WI	warm	3	Marquette, WI	2.6	1.9	36.4	1.5
Milwaukee, WI	Waukesha, WI	warm	3	McHenry, IL	12.4	28.3	186.1	11.6
Milwaukee, WI	Waukesha, WI	warm	3	Milwaukee, WI	50.6	57.4	713.3	475.3
Milwaukee, WI	Waukesha, WI	warm	3	Monroe, WI	6.4	5.6	73.7	4.3
Milwaukee, WI	Waukesha, WI	warm	3	Oconto, WI	4.4	4.1	31.1	3.0
Milwaukee, WI	Waukesha, WI	warm	3	Ogle, IL	6.2	19.8	84.4	5.7
Milwaukee, WI	Waukesha, WI	warm	3	Outagamie, WI	12.4	16.4	189.5	226.9
Milwaukee, WI	Waukesha, WI	warm	3	Ozaukee, WI	6.7	8.9	88.1	7.4
Milwaukee, WI	Waukesha, WI	warm	3	Portage, WI	7.5	11.5	85.1	10.8
Milwaukee, WI	Waukesha, WI	warm	3	Racine, WI	10.7	12.2	114.9	14.9
Milwaukee, WI	Waukesha, WI	warm	3	Richland, WI	2.4	2.7	15.7	1.3
Milwaukee, WI	Waukesha, WI	warm	3	Rock, WI	11.6	16.3	140.7	12.8
Milwaukee, WI	Waukesha, WI	warm	3	Sauk, WI	8.0	9.2	57.6	7.2
Milwaukee, WI	Waukesha, WI	warm	3	Shawano, WI	5.8	6.3	38.9	9.0
Milwaukee, WI	Waukesha, WI	warm	3	Sheboygan, WI	10.7	21.1	214.4	337.8
Milwaukee, WI	Waukesha, WI	warm	3	Stephenson, IL	3.6	14.7	40.1	2.6
Milwaukee, WI	Waukesha, WI	warm	3	Vernon, WI	4.9	17.9	115.8	261.1
Milwaukee, WI	Waukesha, WI	warm	3	Walworth, WI	7.5	10.3	83.0	5.9
Milwaukee, WI	Waukesha, WI	warm	3	Washington, WI	7.7	8.0	80.2	6.6
Milwaukee, WI	Waukesha, WI	warm	3	Waukesha, WI	22.2	19.0	238.6	20.0
Milwaukee, WI	Waukesha, WI	warm	3	Waupaca, WI	5.4	7.8	43.4	4.5
Milwaukee, WI	Waukesha, WI	warm	3	Waushara, WI	3.6	3.5	38.8	2.0
Milwaukee, WI	Waukesha, WI	warm	3	Whiteside, IL	5.3	20.5	93.3	6.8
Milwaukee, WI	Waukesha, WI	warm	3	Will, IL	24.2	72.0	902.5	1544.9
Milwaukee, WI	Waukesha, WI	warm	3	Winnebago, IL	8.3	19.9	210.2	12.0
Milwaukee, WI	Waukesha, WI	warm	3	Winnebago, WI	11.0	13.7	130.0	16.6
Milwaukee, WI	Waukesha, WI	warm	3	Wood, WI	7.3	10.7	207.3	284.1
Missoula, MT	Missoula, MT	cold	19	Ada, ID	214.6	273.2	1761.1	118.0
Missoula, MT	Missoula, MT	cold	19	Adams, ID	29.3	16.7	59.7	9.4
Missoula, MT	Missoula, MT	cold	19	Adams, WA	23.6	113.2	328.3	21.3
Missoula, MT	Missoula, MT	cold	19	Asotin, WA	7.8	11.3	42.0	3.3
Missoula, MT	Missoula, MT	cold	19	Baker, OR	382.4	205.0	429.5	59.5
Missoula, MT	Missoula, MT	cold	19	Bannock, ID	414.3	260.1	433.7	60.3
Missoula, MT	Missoula, MT	cold	19	Beaverhead, MT	27.5	34.7	113.4	8.1
Missoula, MT	Missoula, MT	cold	19	Benewah, ID	52.6	42.5	88.9	10.2
Missoula, MT	Missoula, MT	cold	19	Benton, WA	77.0	88.2	659.9	49.0
Missoula, MT	Missoula, MT	cold	19	Bingham, ID	60.7	131.7	308.3	20.6
Missoula, MT	Missoula, MT	cold	19	Blaine, ID	341.3	193.7	257.5	42.5
Missoula, MT	Missoula, MT	cold	19	Blaine, MT	12.4	62.7	253.0	11.6
Missoula, MT	Missoula, MT	cold	19	Boise, ID	32.7	24.0	75.7	7.8
Missoula, MT	Missoula, MT	cold	19	Bonner, ID	54.5	52.7	401.3	32.0
Missoula, MT	Missoula, MT	cold	19	Bonneville, ID	96.1	118.9	386.7	37.0
Missoula, MT	Missoula, MT	cold	19	Boundary, ID	45.5	42.1	100.1	10.1
Missoula, MT	Missoula, MT	cold	19	Broadwater, MT	7.0	28.7	66.6	12.8
Missoula, MT	Missoula, MT	cold	19	Butte, ID	4.1	12.2	35.2	8.0
Missoula, MT	Missoula, MT	cold	19	Camas, ID	11.3	9.5	17.0	1.9
Missoula, MT	Missoula, MT	cold	19	Canyon, ID	93.3	248.0	744.5	214.6
Missoula, MT	Missoula, MT	cold	19	Carbon, MT	20.3	50.8	73.1	5.8
Missoula, MT	Missoula, MT	cold	19	Caribou, ID	139.0	222.8	257.1	1133.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Missoula, MT	Missoula, MT	cold	19	Cascade, MT	32.4	83.7	290.2	84.9
Missoula, MT	Missoula, MT	cold	19	Cassia, ID	24.9	56.5	195.4	11.2
Missoula, MT	Missoula, MT	cold	19	Chouteau, MT	35.9	123.8	125.9	13.3
Missoula, MT	Missoula, MT	cold	19	Clark, ID	10.3	9.7	25.3	1.6
Missoula, MT	Missoula, MT	cold	19	Clearwater, ID	91.2	50.1	92.1	16.9
Missoula, MT	Missoula, MT	cold	19	Columbia, WA	168.8	125.1	75.5	16.8
Missoula, MT	Missoula, MT	cold	19	Crook, OR	37.5	38.4	77.3	8.7
Missoula, MT	Missoula, MT	cold	19	Custer, ID	364.8	192.3	107.9	46.8
Missoula, MT	Missoula, MT	cold	19	Deer Lodge, MT	6.2	17.1	29.1	2.3
Missoula, MT	Missoula, MT	cold	19	Elmore, ID	100.3	84.0	283.1	21.7
Missoula, MT	Missoula, MT	cold	19	Fergus, MT	22.5	63.4	89.8	10.8
Missoula, MT	Missoula, MT	cold	19	Ferry, WA	9.9	10.7	36.8	2.6
Missoula, MT	Missoula, MT	cold	19	Flathead, MT	136.9	108.8	527.0	115.7
Missoula, MT	Missoula, MT	cold	19	Franklin, WA	55.8	89.2	384.2	30.6
Missoula, MT	Missoula, MT	cold	19	Fremont, ID	14.2	38.4	94.8	8.5
Missoula, MT	Missoula, MT	cold	19	Fremont, WY	52.5	272.1	265.2	243.2
Missoula, MT	Missoula, MT	cold	19	Gallatin, MT	62.1	148.9	435.6	63.6
Missoula, MT	Missoula, MT	cold	19	Garfield, WA	55.1	57.6	49.8	8.3
Missoula, MT	Missoula, MT	cold	19	Gem, ID	10.8	30.7	131.2	6.8
Missoula, MT	Missoula, MT	cold	19	Gilliam, OR	10.3	28.0	123.7	7.7
Missoula, MT	Missoula, MT	cold	19	Glacier, MT	13.2	45.0	211.9	15.1
Missoula, MT	Missoula, MT	cold	19	Golden Valley, MT	1.8	19.3	20.7	1.4
Missoula, MT	Missoula, MT	cold	19	Gooding, ID	25.2	48.0	100.4	4.8
Missoula, MT	Missoula, MT	cold	19	Granite, MT	50.5	37.3	52.4	8.8
Missoula, MT	Missoula, MT	cold	19	Grant, OR	24.4	22.9	63.6	4.9
Missoula, MT	Missoula, MT	cold	19	Grant, WA	57.8	145.7	401.9	27.1
Missoula, MT	Missoula, MT	cold	19	Harney, OR	55.0	37.1	87.7	12.6
Missoula, MT	Missoula, MT	cold	19	Hill, MT	30.7	108.5	195.1	16.6
Missoula, MT	Missoula, MT	cold	19	Humboldt, NV	34.2	70.0	1076.0	894.2
Missoula, MT	Missoula, MT	cold	19	Idaho, ID	1189.8	625.5	355.3	152.4
Missoula, MT	Missoula, MT	cold	19	Jefferson, ID	25.2	64.6	139.8	11.8
Missoula, MT	Missoula, MT	cold	19	Jefferson, MT	12.7	65.3	343.5	31.7
Missoula, MT	Missoula, MT	cold	19	Judith Basin, MT	11.0	32.9	61.2	6.0
Missoula, MT	Missoula, MT	cold	19	Klickitat, WA	71.4	41.4	337.5	58.4
Missoula, MT	Missoula, MT	cold	19	Kootenai, ID	91.4	112.9	573.1	41.8
Missoula, MT	Missoula, MT	cold	19	Lake, MT	36.2	49.9	111.8	17.3
Missoula, MT	Missoula, MT	cold	19	Latah, ID	59.3	60.4	215.0	19.2
Missoula, MT	Missoula, MT	cold	19	Lemhi, ID	133.3	77.8	88.4	19.7
Missoula, MT	Missoula, MT	cold	19	Lewis and Clark, MT	84.4	76.4	205.0	23.0
Missoula, MT	Missoula, MT	cold	19	Lewis, ID	55.8	52.9	68.0	7.4
Missoula, MT	Missoula, MT	cold	19	Liberty, MT	10.2	46.8	116.8	10.0
Missoula, MT	Missoula, MT	cold	19	Lincoln, ID	57.6	36.1	42.2	14.4
Missoula, MT	Missoula, MT	cold	19	Lincoln, MT	153.1	89.1	304.3	47.9
Missoula, MT	Missoula, MT	cold	19	Lincoln, WA	28.0	137.0	250.5	18.5
Missoula, MT	Missoula, MT	cold	19	Lincoln, WY	102.5	341.0	1801.6	2294.9
Missoula, MT	Missoula, MT	cold	19	Madison, ID	19.0	49.8	179.5	13.6
Missoula, MT	Missoula, MT	cold	19	Madison, MT	11.6	39.5	47.1	4.6
Missoula, MT	Missoula, MT	cold	19	Malheur, OR	72.8	118.0	272.0	91.1
Missoula, MT	Missoula, MT	cold	19	Meagher, MT	6.6	19.5	16.4	2.3
Missoula, MT	Missoula, MT	cold	19	Mineral, MT	164.0	93.6	113.7	27.6
Missoula, MT	Missoula, MT	cold	19	Minidoka, ID	54.8	59.5	281.1	38.1
Missoula, MT	Missoula, MT	cold	19	Missoula, MT	90.5	86.2	481.4	70.7
Missoula, MT	Missoula, MT	cold	19	Morrow, OR	29.8	84.7	933.9	1087.5
Missoula, MT	Missoula, MT	cold	19	Musselshell, MT	4.3	30.5	24.3	2.4
Missoula, MT	Missoula, MT	cold	19	Nez Perce, ID	45.2	55.0	398.3	28.3
Missoula, MT	Missoula, MT	cold	19	Okanogan, WA	44.1	36.2	132.4	9.4
Missoula, MT	Missoula, MT	cold	19	Owyhee, ID	174.2	124.7	109.9	43.4
Missoula, MT	Missoula, MT	cold	19	Park, MT	16.6	47.0	99.4	13.9
Missoula, MT	Missoula, MT	cold	19	Park, WY	25.8	171.3	234.3	196.8
Missoula, MT	Missoula, MT	cold	19	Payette, ID	18.3	53.6	139.3	8.5
Missoula, MT	Missoula, MT	cold	19	Pend Oreille, WA	44.8	24.8	50.6	10.8
Missoula, MT	Missoula, MT	cold	19	Petroleum, MT	1.4	13.7	6.0	0.6
Missoula, MT	Missoula, MT	cold	19	Phillips, MT	10.8	53.0	143.2	10.9
Missoula, MT	Missoula, MT	cold	19	Pondera, MT	14.3	24.5	105.1	8.7
Missoula, MT	Missoula, MT	cold	19	Powell, MT	18.1	20.9	63.8	8.0
Missoula, MT	Missoula, MT	cold	19	Power, ID	106.6	81.9	95.6	162.1
Missoula, MT	Missoula, MT	cold	19	Ravalli, MT	802.9	451.6	286.8	105.9
Missoula, MT	Missoula, MT	cold	19	Sanders, MT	204.2	115.8	86.8	35.0
Missoula, MT	Missoula, MT	cold	19	Shoshone, ID	34.0	22.1	93.7	9.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Missoula, MT	Missoula, MT	cold	19	Silver Bow, MT	10.1	20.5	102.6	6.9
Missoula, MT	Missoula, MT	cold	19	Spokane, WA	222.5	248.6	1443.3	104.9
Missoula, MT	Missoula, MT	cold	19	Stevens, WA	53.7	43.3	199.3	18.1
Missoula, MT	Missoula, MT	cold	19	Stillwater, MT	14.4	47.6	94.2	8.7
Missoula, MT	Missoula, MT	cold	19	Sublette, WY	20.7	79.5	211.6	10.0
Missoula, MT	Missoula, MT	cold	19	Sweet Grass, MT	9.4	22.9	64.9	5.3
Missoula, MT	Missoula, MT	cold	19	Teton, ID	11.5	22.2	43.1	4.2
Missoula, MT	Missoula, MT	cold	19	Teton, MT	18.6	30.5	96.3	8.4
Missoula, MT	Missoula, MT	cold	19	Teton, WY	36.5	117.8	100.5	38.0
Missoula, MT	Missoula, MT	cold	19	Toole, MT	10.3	49.6	191.9	12.4
Missoula, MT	Missoula, MT	cold	19	Twin Falls, ID	64.5	150.3	475.8	113.8
Missoula, MT	Missoula, MT	cold	19	Umatilla, OR	186.3	173.3	660.2	60.6
Missoula, MT	Missoula, MT	cold	19	Union, OR	114.5	74.7	315.2	32.8
Missoula, MT	Missoula, MT	cold	19	Valley, ID	176.2	97.5	117.9	31.7
Missoula, MT	Missoula, MT	cold	19	Walla Walla, WA	109.0	131.7	371.7	270.0
Missoula, MT	Missoula, MT	cold	19	Wallowa, OR	596.8	308.4	154.0	79.4
Missoula, MT	Missoula, MT	cold	19	Washington, ID	40.5	34.3	101.4	10.3
Missoula, MT	Missoula, MT	cold	19	Wheatland, MT	3.5	21.5	27.4	2.4
Missoula, MT	Missoula, MT	cold	19	Wheeler, OR	11.5	11.6	13.8	1.9
Missoula, MT	Missoula, MT	cold	19	Whitman, WA	131.8	317.9	286.7	26.9
Missoula, MT	Missoula, MT	cold	19	Yakima, WA	119.0	102.3	617.4	42.4
Missoula, MT	Missoula, MT	warm	3	Ada, ID	46.9	59.8	385.3	25.8
Missoula, MT	Missoula, MT	warm	3	Adams, ID	6.4	3.6	13.1	2.0
Missoula, MT	Missoula, MT	warm	3	Adams, WA	5.2	24.8	71.8	4.7
Missoula, MT	Missoula, MT	warm	3	Asotin, WA	1.7	2.5	9.2	0.7
Missoula, MT	Missoula, MT	warm	3	Baker, OR	83.7	44.8	94.0	13.0
Missoula, MT	Missoula, MT	warm	3	Bannock, ID	90.6	56.9	94.9	13.2
Missoula, MT	Missoula, MT	warm	3	Beaverhead, MT	6.0	7.6	24.8	1.8
Missoula, MT	Missoula, MT	warm	3	Benewah, ID	11.5	9.3	19.4	2.2
Missoula, MT	Missoula, MT	warm	3	Benton, WA	16.9	19.3	144.4	10.7
Missoula, MT	Missoula, MT	warm	3	Bingham, ID	13.3	28.8	67.5	4.5
Missoula, MT	Missoula, MT	warm	3	Blaine, ID	74.7	42.4	56.3	9.3
Missoula, MT	Missoula, MT	warm	3	Blaine, MT	2.7	13.7	55.4	2.5
Missoula, MT	Missoula, MT	warm	3	Boise, ID	7.2	5.2	16.6	1.7
Missoula, MT	Missoula, MT	warm	3	Bonner, ID	11.9	11.5	87.8	7.0
Missoula, MT	Missoula, MT	warm	3	Bonneville, ID	21.0	26.0	84.6	8.1
Missoula, MT	Missoula, MT	warm	3	Boundary, ID	9.9	9.2	21.9	2.2
Missoula, MT	Missoula, MT	warm	3	Broadwater, MT	1.5	6.3	14.6	2.8
Missoula, MT	Missoula, MT	warm	3	Butte, ID	0.9	2.7	7.7	1.8
Missoula, MT	Missoula, MT	warm	3	Camas, ID	2.5	2.1	3.7	0.4
Missoula, MT	Missoula, MT	warm	3	Canyon, ID	20.4	54.3	162.9	46.9
Missoula, MT	Missoula, MT	warm	3	Carbon, MT	4.4	11.1	16.0	1.3
Missoula, MT	Missoula, MT	warm	3	Caribou, ID	30.4	48.7	56.2	248.0
Missoula, MT	Missoula, MT	warm	3	Cascade, MT	7.1	18.3	63.5	18.6
Missoula, MT	Missoula, MT	warm	3	Cassia, ID	5.4	12.4	42.8	2.4
Missoula, MT	Missoula, MT	warm	3	Chouteau, MT	7.8	27.1	27.5	2.9
Missoula, MT	Missoula, MT	warm	3	Clark, ID	2.3	2.1	5.5	0.3
Missoula, MT	Missoula, MT	warm	3	Clearwater, ID	19.9	11.0	20.2	3.7
Missoula, MT	Missoula, MT	warm	3	Columbia, WA	36.9	27.4	16.5	3.7
Missoula, MT	Missoula, MT	warm	3	Crook, OR	8.2	8.4	16.9	1.9
Missoula, MT	Missoula, MT	warm	3	Custer, ID	79.8	42.1	23.6	10.2
Missoula, MT	Missoula, MT	warm	3	Deer Lodge, MT	1.4	3.7	6.4	0.5
Missoula, MT	Missoula, MT	warm	3	Elmore, ID	21.9	18.4	61.9	4.8
Missoula, MT	Missoula, MT	warm	3	Fergus, MT	4.9	13.9	19.6	2.4
Missoula, MT	Missoula, MT	warm	3	Ferry, WA	2.2	2.3	8.1	0.6
Missoula, MT	Missoula, MT	warm	3	Flathead, MT	29.9	23.8	115.3	25.3
Missoula, MT	Missoula, MT	warm	3	Franklin, WA	12.2	19.5	84.0	6.7
Missoula, MT	Missoula, MT	warm	3	Fremont, ID	3.1	8.4	20.7	1.9
Missoula, MT	Missoula, MT	warm	3	Fremont, WY	11.5	59.5	58.0	53.2
Missoula, MT	Missoula, MT	warm	3	Gallatin, MT	13.6	32.6	95.3	13.9
Missoula, MT	Missoula, MT	warm	3	Garfield, WA	12.1	12.6	10.9	1.8
Missoula, MT	Missoula, MT	warm	3	Gem, ID	2.4	6.7	28.7	1.5
Missoula, MT	Missoula, MT	warm	3	Gilliam, OR	2.3	6.1	27.1	1.7
Missoula, MT	Missoula, MT	warm	3	Glacier, MT	2.9	9.8	46.4	3.3
Missoula, MT	Missoula, MT	warm	3	Golden Valley, MT	0.4	4.2	4.5	0.3
Missoula, MT	Missoula, MT	warm	3	Gooding, ID	5.5	10.5	22.0	1.0
Missoula, MT	Missoula, MT	warm	3	Granite, MT	11.1	8.2	11.5	1.9
Missoula, MT	Missoula, MT	warm	3	Grant, OR	5.3	5.0	13.9	1.1
Missoula, MT	Missoula, MT	warm	3	Grant, WA	12.6	31.9	87.9	5.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Missoula, MT	Missoula, MT	warm	3	Harney, OR	12.0	8.1	19.2	2.8
Missoula, MT	Missoula, MT	warm	3	Hill, MT	6.7	23.7	42.7	3.6
Missoula, MT	Missoula, MT	warm	3	Humboldt, NV	7.5	15.3	235.4	195.6
Missoula, MT	Missoula, MT	warm	3	Idaho, ID	260.3	136.8	77.7	33.3
Missoula, MT	Missoula, MT	warm	3	Jefferson, ID	5.5	14.1	30.6	2.6
Missoula, MT	Missoula, MT	warm	3	Jefferson, MT	2.8	14.3	75.2	6.9
Missoula, MT	Missoula, MT	warm	3	Judith Basin, MT	2.4	7.2	13.4	1.3
Missoula, MT	Missoula, MT	warm	3	Klickitat, WA	15.6	9.1	73.8	12.8
Missoula, MT	Missoula, MT	warm	3	Kootenai, ID	20.0	24.7	125.4	9.1
Missoula, MT	Missoula, MT	warm	3	Lake, MT	7.9	10.9	24.4	3.8
Missoula, MT	Missoula, MT	warm	3	Latah, ID	13.0	13.2	47.0	4.2
Missoula, MT	Missoula, MT	warm	3	Lemhi, ID	29.2	17.0	19.3	4.3
Missoula, MT	Missoula, MT	warm	3	Lewis and Clark, MT	18.5	16.7	44.8	5.0
Missoula, MT	Missoula, MT	warm	3	Lewis, ID	12.2	11.6	14.9	1.6
Missoula, MT	Missoula, MT	warm	3	Liberty, MT	2.2	10.2	25.6	2.2
Missoula, MT	Missoula, MT	warm	3	Lincoln, ID	12.6	7.9	9.2	3.2
Missoula, MT	Missoula, MT	warm	3	Lincoln, MT	33.5	19.5	66.6	10.5
Missoula, MT	Missoula, MT	warm	3	Lincoln, WA	6.1	30.0	54.8	4.1
Missoula, MT	Missoula, MT	warm	3	Lincoln, WY	22.4	74.6	394.2	502.1
Missoula, MT	Missoula, MT	warm	3	Madison, ID	4.2	10.9	39.3	3.0
Missoula, MT	Missoula, MT	warm	3	Madison, MT	2.5	8.6	10.3	1.0
Missoula, MT	Missoula, MT	warm	3	Malheur, OR	15.9	25.8	59.5	19.9
Missoula, MT	Missoula, MT	warm	3	Meagher, MT	1.5	4.3	3.6	0.5
Missoula, MT	Missoula, MT	warm	3	Mineral, MT	35.9	20.5	24.9	6.0
Missoula, MT	Missoula, MT	warm	3	Minidoka, ID	12.0	13.0	61.5	8.3
Missoula, MT	Missoula, MT	warm	3	Missoula, MT	19.8	18.8	105.3	15.5
Missoula, MT	Missoula, MT	warm	3	Morrow, OR	6.5	18.5	204.3	237.9
Missoula, MT	Missoula, MT	warm	3	Musselshell, MT	1.0	6.7	5.3	0.5
Missoula, MT	Missoula, MT	warm	3	Nez Perce, ID	9.9	12.0	87.1	6.2
Missoula, MT	Missoula, MT	warm	3	Okanogan, WA	9.6	7.9	29.0	2.0
Missoula, MT	Missoula, MT	warm	3	Owyhee, ID	38.1	27.3	24.0	9.5
Missoula, MT	Missoula, MT	warm	3	Park, MT	3.6	10.3	21.8	3.0
Missoula, MT	Missoula, MT	warm	3	Park, WY	5.6	37.5	51.3	43.1
Missoula, MT	Missoula, MT	warm	3	Payette, ID	4.0	11.7	30.5	1.9
Missoula, MT	Missoula, MT	warm	3	Pend Oreille, WA	9.8	5.4	11.1	2.4
Missoula, MT	Missoula, MT	warm	3	Petroleum, MT	0.3	3.0	1.3	0.1
Missoula, MT	Missoula, MT	warm	3	Phillips, MT	2.4	11.6	31.3	2.4
Missoula, MT	Missoula, MT	warm	3	Pondera, MT	3.1	5.4	23.0	1.9
Missoula, MT	Missoula, MT	warm	3	Powell, MT	4.0	4.6	14.0	1.8
Missoula, MT	Missoula, MT	warm	3	Power, ID	23.3	17.9	20.9	35.5
Missoula, MT	Missoula, MT	warm	3	Ravalli, MT	175.7	98.8	62.7	23.2
Missoula, MT	Missoula, MT	warm	3	Sanders, MT	44.7	25.3	19.0	7.7
Missoula, MT	Missoula, MT	warm	3	Shoshone, ID	7.4	4.8	20.5	2.1
Missoula, MT	Missoula, MT	warm	3	Silver Bow, MT	2.2	4.5	22.4	1.5
Missoula, MT	Missoula, MT	warm	3	Spokane, WA	48.7	54.4	315.8	23.0
Missoula, MT	Missoula, MT	warm	3	Stevens, WA	11.7	9.5	43.6	4.0
Missoula, MT	Missoula, MT	warm	3	Stillwater, MT	3.2	10.4	20.6	1.9
Missoula, MT	Missoula, MT	warm	3	Sublette, WY	4.5	17.4	46.3	2.2
Missoula, MT	Missoula, MT	warm	3	Sweet Grass, MT	2.0	5.0	14.2	1.2
Missoula, MT	Missoula, MT	warm	3	Teton, ID	2.5	4.8	9.4	0.9
Missoula, MT	Missoula, MT	warm	3	Teton, MT	4.1	6.7	21.1	1.8
Missoula, MT	Missoula, MT	warm	3	Teton, WY	8.0	25.8	22.0	8.3
Missoula, MT	Missoula, MT	warm	3	Toole, MT	2.3	10.9	42.0	2.7
Missoula, MT	Missoula, MT	warm	3	Twin Falls, ID	14.1	32.9	104.1	24.9
Missoula, MT	Missoula, MT	warm	3	Umatilla, OR	40.8	37.9	144.4	13.3
Missoula, MT	Missoula, MT	warm	3	Union, OR	25.1	16.4	69.0	7.2
Missoula, MT	Missoula, MT	warm	3	Valley, ID	38.5	21.3	25.8	6.9
Missoula, MT	Missoula, MT	warm	3	Walla Walla, WA	23.9	28.8	81.3	59.1
Missoula, MT	Missoula, MT	warm	3	Wallowa, OR	130.6	67.5	33.7	17.4
Missoula, MT	Missoula, MT	warm	3	Washington, ID	8.9	7.5	22.2	2.3
Missoula, MT	Missoula, MT	warm	3	Wheatland, MT	0.8	4.7	6.0	0.5
Missoula, MT	Missoula, MT	warm	3	Wheeler, OR	2.5	2.5	3.0	0.4
Missoula, MT	Missoula, MT	warm	3	Whitman, WA	28.8	69.5	62.7	5.9
Missoula, MT	Missoula, MT	warm	3	Yakima, WA	26.0	22.4	135.1	9.3
Morgantown, WV	Monongalia, WV	cold	1	Albemarle, VA	1.7	1.7	23.7	4.8
Morgantown, WV	Monongalia, WV	cold	1	Allegany, MD	2.0	3.3	40.1	107.9
Morgantown, WV	Monongalia, WV	cold	1	Allegheny, PA	10.6	11.4	298.5	242.8
Morgantown, WV	Monongalia, WV	cold	1	Armstrong, PA	3.7	45.8	96.0	990.1
Morgantown, WV	Monongalia, WV	cold	1	Athens, OH	1.1	1.1	15.4	6.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Morgantown, WV	Monongalia, WV	cold	1	Augusta, VA	1.9	2.1	21.7	3.2
Morgantown, WV	Monongalia, WV	cold	1	Barbour, WV	0.3	0.7	3.2	0.5
Morgantown, WV	Monongalia, WV	cold	1	Bath, VA	0.2	0.4	1.1	0.5
Morgantown, WV	Monongalia, WV	cold	1	Beaver, PA	2.1	10.0	157.5	214.4
Morgantown, WV	Monongalia, WV	cold	1	Bedford, PA	1.4	1.4	21.4	3.7
Morgantown, WV	Monongalia, WV	cold	1	Belmont, OH	1.8	10.7	47.1	179.4
Morgantown, WV	Monongalia, WV	cold	1	Berkeley, WV	2.4	3.3	34.3	11.3
Morgantown, WV	Monongalia, WV	cold	1	Blair, PA	1.5	2.0	23.7	11.2
Morgantown, WV	Monongalia, WV	cold	1	Braxton, WV	0.5	0.7	8.0	1.1
Morgantown, WV	Monongalia, WV	cold	1	Brooke, WV	0.9	1.7	10.1	6.4
Morgantown, WV	Monongalia, WV	cold	1	Butler, PA	2.1	3.4	35.6	15.8
Morgantown, WV	Monongalia, WV	cold	1	Calhoun, WV	0.1	0.3	3.7	0.2
Morgantown, WV	Monongalia, WV	cold	1	Cambria, PA	1.5	2.3	29.1	36.6
Morgantown, WV	Monongalia, WV	cold	1	Cameron, PA	0.2	0.3	1.4	0.4
Morgantown, WV	Monongalia, WV	cold	1	Carroll, OH	0.7	0.9	7.7	0.6
Morgantown, WV	Monongalia, WV	cold	1	Centre, PA	2.2	3.1	31.4	26.9
Morgantown, WV	Monongalia, WV	cold	1	Clarion, PA	1.1	1.3	15.1	7.3
Morgantown, WV	Monongalia, WV	cold	1	Clarke, VA	0.4	0.6	4.4	0.6
Morgantown, WV	Monongalia, WV	cold	1	Clay, WV	0.2	0.4	1.5	0.2
Morgantown, WV	Monongalia, WV	cold	1	Clearfield, PA	2.4	11.4	53.2	228.8
Morgantown, WV	Monongalia, WV	cold	1	Clinton, PA	1.0	0.8	13.6	2.6
Morgantown, WV	Monongalia, WV	cold	1	Columbiana, OH	1.7	2.0	20.6	2.5
Morgantown, WV	Monongalia, WV	cold	1	Coshocton, OH	2.3	26.1	108.8	503.8
Morgantown, WV	Monongalia, WV	cold	1	Doddridge, WV	0.1	0.4	4.5	0.3
Morgantown, WV	Monongalia, WV	cold	1	Elk, PA	0.5	1.0	14.1	25.2
Morgantown, WV	Monongalia, WV	cold	1	Fayette, PA	1.4	1.6	19.2	6.1
Morgantown, WV	Monongalia, WV	cold	1	Forest, PA	0.5	0.5	4.1	0.2
Morgantown, WV	Monongalia, WV	cold	1	Franklin, PA	1.8	3.1	25.8	4.0
Morgantown, WV	Monongalia, WV	cold	1	Frederick, MD	5.0	6.3	53.4	43.8
Morgantown, WV	Monongalia, WV	cold	1	Frederick, VA	1.6	1.8	20.1	3.8
Morgantown, WV	Monongalia, WV	cold	1	Fulton, PA	0.5	0.7	8.5	1.2
Morgantown, WV	Monongalia, WV	cold	1	Garrett, MD	1.4	1.2	11.8	4.0
Morgantown, WV	Monongalia, WV	cold	1	Gilmer, WV	0.2	0.4	5.2	0.4
Morgantown, WV	Monongalia, WV	cold	1	Grant, WV	1.6	24.2	114.1	21.9
Morgantown, WV	Monongalia, WV	cold	1	Greenbrier, WV	1.0	1.0	9.8	1.3
Morgantown, WV	Monongalia, WV	cold	1	Greene, PA	2.8	34.0	96.1	691.3
Morgantown, WV	Monongalia, WV	cold	1	Greene, VA	0.5	0.7	3.2	0.6
Morgantown, WV	Monongalia, WV	cold	1	Guernsey, OH	1.2	1.1	28.3	3.8
Morgantown, WV	Monongalia, WV	cold	1	Hampshire, WV	0.7	0.7	3.8	0.5
Morgantown, WV	Monongalia, WV	cold	1	Hancock, WV	3.3	9.4	20.8	9.6
Morgantown, WV	Monongalia, WV	cold	1	Hardy, WV	0.5	0.7	4.4	1.0
Morgantown, WV	Monongalia, WV	cold	1	Harrison, OH	0.5	0.6	3.1	0.6
Morgantown, WV	Monongalia, WV	cold	1	Harrison, WV	2.0	9.7	112.3	24.9
Morgantown, WV	Monongalia, WV	cold	1	Harrisonburg (City), VA	0.3	0.6	7.8	2.1
Morgantown, WV	Monongalia, WV	cold	1	Highland, VA	0.1	0.3	0.5	0.1
Morgantown, WV	Monongalia, WV	cold	1	Hocking, OH	0.8	0.9	10.1	1.1
Morgantown, WV	Monongalia, WV	cold	1	Huntingdon, PA	1.2	1.4	11.9	3.7
Morgantown, WV	Monongalia, WV	cold	1	Indiana, PA	4.0	47.4	201.8	695.9
Morgantown, WV	Monongalia, WV	cold	1	Jackson, WV	0.9	2.7	14.3	15.7
Morgantown, WV	Monongalia, WV	cold	1	Jefferson, OH	3.4	43.5	217.7	1056.7
Morgantown, WV	Monongalia, WV	cold	1	Jefferson, PA	1.2	1.2	14.1	4.4
Morgantown, WV	Monongalia, WV	cold	1	Jefferson, WV	1.1	1.6	12.9	2.8
Morgantown, WV	Monongalia, WV	cold	1	Juniata, PA	0.6	0.8	8.5	1.2
Morgantown, WV	Monongalia, WV	cold	1	Lawrence, PA	1.5	7.0	42.5	108.0
Morgantown, WV	Monongalia, WV	cold	1	Lewis, WV	0.3	0.5	16.8	1.6
Morgantown, WV	Monongalia, WV	cold	1	Licking, OH	3.6	5.5	35.1	3.6
Morgantown, WV	Monongalia, WV	cold	1	Loudoun, VA	2.3	2.3	39.5	4.8
Morgantown, WV	Monongalia, WV	cold	1	Mahoning, OH	1.6	1.7	47.6	9.1
Morgantown, WV	Monongalia, WV	cold	1	Marion, WV	0.9	1.6	19.3	16.6
Morgantown, WV	Monongalia, WV	cold	1	Marshall, WV	1.5	17.1	188.4	556.7
Morgantown, WV	Monongalia, WV	cold	1	Meigs, OH	0.7	0.7	10.2	1.6
Morgantown, WV	Monongalia, WV	cold	1	Mercer, PA	1.4	2.2	28.4	4.9
Morgantown, WV	Monongalia, WV	cold	1	Mifflin, PA	1.2	1.4	12.7	2.3
Morgantown, WV	Monongalia, WV	cold	1	Mineral, WV	0.9	1.3	5.7	2.1
Morgantown, WV	Monongalia, WV	cold	1	Monongalia, WV	2.2	19.0	61.1	397.6
Morgantown, WV	Monongalia, WV	cold	1	Monroe, OH	0.7	1.6	11.7	16.2
Morgantown, WV	Monongalia, WV	cold	1	Morgan, OH	0.4	0.6	1.9	0.2
Morgantown, WV	Monongalia, WV	cold	1	Morgan, WV	0.4	0.7	5.1	0.8
Morgantown, WV	Monongalia, WV	cold	1	Muskingum, OH	1.5	2.3	22.0	4.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Morgantown, WV	Monongalia, WV	cold	1	Nelson, VA	0.6	0.6	3.8	0.6
Morgantown, WV	Monongalia, WV	cold	1	Nicholas, WV	0.6	0.8	5.0	0.8
Morgantown, WV	Monongalia, WV	cold	1	Noble, OH	0.4	0.6	6.6	0.3
Morgantown, WV	Monongalia, WV	cold	1	Ohio, WV	0.7	0.7	15.7	2.6
Morgantown, WV	Monongalia, WV	cold	1	Page, VA	0.6	0.8	4.2	1.0
Morgantown, WV	Monongalia, WV	cold	1	Pendleton, WV	0.2	0.6	2.5	0.4
Morgantown, WV	Monongalia, WV	cold	1	Perry, OH	0.7	1.1	9.0	0.8
Morgantown, WV	Monongalia, WV	cold	1	Pleasants, WV	0.7	7.0	70.3	292.5
Morgantown, WV	Monongalia, WV	cold	1	Pocahontas, WV	0.3	0.4	1.8	1.3
Morgantown, WV	Monongalia, WV	cold	1	Preston, WV	0.8	4.4	18.7	81.0
Morgantown, WV	Monongalia, WV	cold	1	Randolph, WV	0.6	0.7	12.1	1.0
Morgantown, WV	Monongalia, WV	cold	1	Ritchie, WV	0.2	0.4	3.3	0.6
Morgantown, WV	Monongalia, WV	cold	1	Roane, WV	0.3	0.5	2.8	0.4
Morgantown, WV	Monongalia, WV	cold	1	Rockbridge, VA	0.8	1.0	12.0	2.7
Morgantown, WV	Monongalia, WV	cold	1	Rockingham, VA	2.0	3.5	19.3	4.8
Morgantown, WV	Monongalia, WV	cold	1	Shenandoah, VA	1.2	1.6	15.8	2.1
Morgantown, WV	Monongalia, WV	cold	1	Somerset, PA	2.0	2.1	22.0	8.7
Morgantown, WV	Monongalia, WV	cold	1	Stark, OH	2.7	3.9	61.5	11.0
Morgantown, WV	Monongalia, WV	cold	1	Staunton (City), VA	0.2	0.2	2.3	0.3
Morgantown, WV	Monongalia, WV	cold	1	Taylor, WV	0.2	0.7	6.9	2.0
Morgantown, WV	Monongalia, WV	cold	1	Tucker, WV	0.2	0.8	2.6	0.6
Morgantown, WV	Monongalia, WV	cold	1	Tuscarawas, OH	1.4	1.6	23.2	13.6
Morgantown, WV	Monongalia, WV	cold	1	Tyler, WV	0.3	0.5	6.7	2.3
Morgantown, WV	Monongalia, WV	cold	1	Upshur, WV	0.5	0.7	5.7	0.7
Morgantown, WV	Monongalia, WV	cold	1	Venango, PA	1.1	1.3	13.0	9.1
Morgantown, WV	Monongalia, WV	cold	1	Vinton, OH	0.4	0.5	2.2	0.3
Morgantown, WV	Monongalia, WV	cold	1	Warren, VA	0.9	1.0	7.0	0.9
Morgantown, WV	Monongalia, WV	cold	1	Washington, MD	2.9	3.7	47.6	30.7
Morgantown, WV	Monongalia, WV	cold	1	Washington, OH	3.5	31.1	114.8	775.3
Morgantown, WV	Monongalia, WV	cold	1	Washington, PA	2.4	4.9	76.9	29.8
Morgantown, WV	Monongalia, WV	cold	1	Waynesboro (City), VA	0.3	0.5	7.8	6.8
Morgantown, WV	Monongalia, WV	cold	1	Webster, WV	0.2	0.4	1.0	0.3
Morgantown, WV	Monongalia, WV	cold	1	Westmoreland, PA	3.8	4.2	78.6	16.5
Morgantown, WV	Monongalia, WV	cold	1	Wetzel, WV	0.4	0.5	18.8	3.3
Morgantown, WV	Monongalia, WV	cold	1	Wirt, WV	0.1	0.3	0.6	0.1
Morgantown, WV	Monongalia, WV	cold	1	Wood, WV	2.0	2.4	27.7	29.4
Morgantown, WV	Monongalia, WV	warm	15	Albemarle, VA	35.9	34.6	492.3	98.8
Morgantown, WV	Monongalia, WV	warm	15	Allegany, MD	41.5	67.8	833.8	2241.8
Morgantown, WV	Monongalia, WV	warm	15	Allegheny, PA	220.1	237.9	6204.9	5046.2
Morgantown, WV	Monongalia, WV	warm	15	Armstrong, PA	76.5	952.1	1995.3	20579.4
Morgantown, WV	Monongalia, WV	warm	15	Athens, OH	22.4	22.4	321.0	143.0
Morgantown, WV	Monongalia, WV	warm	15	Augusta, VA	39.1	42.8	450.2	65.8
Morgantown, WV	Monongalia, WV	warm	15	Barbour, WV	6.0	13.8	65.5	10.5
Morgantown, WV	Monongalia, WV	warm	15	Bath, VA	4.1	7.8	21.9	9.4
Morgantown, WV	Monongalia, WV	warm	15	Beaver, PA	44.2	207.8	3274.5	4456.1
Morgantown, WV	Monongalia, WV	warm	15	Bedford, PA	28.5	29.3	444.5	76.4
Morgantown, WV	Monongalia, WV	warm	15	Belmont, OH	38.4	221.6	979.5	3728.0
Morgantown, WV	Monongalia, WV	warm	15	Berkeley, WV	48.9	69.3	711.9	234.9
Morgantown, WV	Monongalia, WV	warm	15	Blair, PA	30.8	41.5	491.7	232.7
Morgantown, WV	Monongalia, WV	warm	15	Braxton, WV	10.3	14.3	166.8	23.8
Morgantown, WV	Monongalia, WV	warm	15	Brooke, WV	18.7	34.4	208.9	132.3
Morgantown, WV	Monongalia, WV	warm	15	Butler, PA	43.3	71.4	740.1	329.3
Morgantown, WV	Monongalia, WV	warm	15	Calhoun, WV	2.7	7.2	77.7	3.6
Morgantown, WV	Monongalia, WV	warm	15	Cambria, PA	31.8	46.8	605.6	760.0
Morgantown, WV	Monongalia, WV	warm	15	Cameron, PA	3.8	6.5	28.5	7.4
Morgantown, WV	Monongalia, WV	warm	15	Carroll, OH	13.9	18.9	159.5	12.0
Morgantown, WV	Monongalia, WV	warm	15	Centre, PA	45.7	64.7	652.1	559.6
Morgantown, WV	Monongalia, WV	warm	15	Clarion, PA	22.8	26.2	314.0	151.2
Morgantown, WV	Monongalia, WV	warm	15	Clarke, VA	8.6	13.5	92.4	13.3
Morgantown, WV	Monongalia, WV	warm	15	Clay, WV	4.9	9.1	30.5	4.3
Morgantown, WV	Monongalia, WV	warm	15	Clearfield, PA	49.3	236.2	1105.7	4754.7
Morgantown, WV	Monongalia, WV	warm	15	Clinton, PA	20.0	17.4	282.9	55.0
Morgantown, WV	Monongalia, WV	warm	15	Columbiana, OH	35.8	42.0	429.1	51.5
Morgantown, WV	Monongalia, WV	warm	15	Coshocton, OH	47.4	541.8	2260.5	10470.8
Morgantown, WV	Monongalia, WV	warm	15	Doddridge, WV	2.7	7.4	94.4	5.2
Morgantown, WV	Monongalia, WV	warm	15	Elk, PA	10.7	21.0	292.4	524.1
Morgantown, WV	Monongalia, WV	warm	15	Fayette, PA	29.2	33.4	398.4	126.6
Morgantown, WV	Monongalia, WV	warm	15	Forest, PA	10.9	10.8	86.2	4.1
Morgantown, WV	Monongalia, WV	warm	15	Franklin, PA	37.7	64.5	536.3	83.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Morgantown, WV	Monongalia, WV	warm	15	Frederick, MD	103.0	131.2	1109.3	909.4
Morgantown, WV	Monongalia, WV	warm	15	Frederick, VA	34.3	37.7	417.9	79.8
Morgantown, WV	Monongalia, WV	warm	15	Fulton, PA	10.7	14.4	176.6	25.3
Morgantown, WV	Monongalia, WV	warm	15	Garrett, MD	28.2	24.3	245.0	84.1
Morgantown, WV	Monongalia, WV	warm	15	Gilmer, WV	3.5	7.7	107.4	8.1
Morgantown, WV	Monongalia, WV	warm	15	Grant, WV	33.7	502.0	2371.5	455.1
Morgantown, WV	Monongalia, WV	warm	15	Greenbrier, WV	21.1	20.0	203.3	27.6
Morgantown, WV	Monongalia, WV	warm	15	Greene, PA	58.1	705.7	1997.4	14368.0
Morgantown, WV	Monongalia, WV	warm	15	Greene, VA	11.0	15.5	67.0	11.7
Morgantown, WV	Monongalia, WV	warm	15	Guernsey, OH	25.4	22.8	587.7	78.2
Morgantown, WV	Monongalia, WV	warm	15	Hampshire, WV	14.1	15.6	78.3	9.8
Morgantown, WV	Monongalia, WV	warm	15	Hancock, WV	69.0	195.8	431.8	199.9
Morgantown, WV	Monongalia, WV	warm	15	Hardy, WV	10.3	14.9	90.5	21.6
Morgantown, WV	Monongalia, WV	warm	15	Harrison, OH	9.4	11.5	64.6	12.8
Morgantown, WV	Monongalia, WV	warm	15	Harrison, WV	40.7	202.0	2334.0	518.4
Morgantown, WV	Monongalia, WV	warm	15	Harrisonburg (City), VA	5.3	12.5	161.8	43.0
Morgantown, WV	Monongalia, WV	warm	15	Highland, VA	2.0	6.3	10.9	1.6
Morgantown, WV	Monongalia, WV	warm	15	Hocking, OH	16.1	18.5	210.2	22.6
Morgantown, WV	Monongalia, WV	warm	15	Huntingdon, PA	25.2	29.2	247.7	77.6
Morgantown, WV	Monongalia, WV	warm	15	Indiana, PA	83.5	984.6	4193.8	14464.3
Morgantown, WV	Monongalia, WV	warm	15	Jackson, WV	18.5	56.7	297.7	326.1
Morgantown, WV	Monongalia, WV	warm	15	Jefferson, OH	70.8	904.3	4525.3	21963.2
Morgantown, WV	Monongalia, WV	warm	15	Jefferson, PA	24.0	24.7	294.0	92.5
Morgantown, WV	Monongalia, WV	warm	15	Jefferson, WV	23.8	32.3	268.5	57.9
Morgantown, WV	Monongalia, WV	warm	15	Juniata, PA	12.2	15.9	177.2	24.7
Morgantown, WV	Monongalia, WV	warm	15	Lawrence, PA	30.7	144.5	882.5	2245.1
Morgantown, WV	Monongalia, WV	warm	15	Lewis, WV	7.0	10.1	348.2	33.9
Morgantown, WV	Monongalia, WV	warm	15	Licking, OH	74.3	113.9	729.1	75.1
Morgantown, WV	Monongalia, WV	warm	15	Loudoun, VA	47.5	47.3	820.6	100.6
Morgantown, WV	Monongalia, WV	warm	15	Mahoning, OH	33.1	35.9	988.8	188.9
Morgantown, WV	Monongalia, WV	warm	15	Marion, WV	18.5	33.6	401.8	344.4
Morgantown, WV	Monongalia, WV	warm	15	Marshall, WV	30.3	354.8	3914.9	11570.7
Morgantown, WV	Monongalia, WV	warm	15	Meigs, OH	15.1	15.4	211.9	33.1
Morgantown, WV	Monongalia, WV	warm	15	Mercer, PA	28.4	45.8	589.3	102.1
Morgantown, WV	Monongalia, WV	warm	15	Mifflin, PA	23.9	28.4	264.2	48.0
Morgantown, WV	Monongalia, WV	warm	15	Mineral, WV	19.5	27.9	119.4	44.2
Morgantown, WV	Monongalia, WV	warm	15	Monongalia, WV	46.0	395.8	1269.9	8264.8
Morgantown, WV	Monongalia, WV	warm	15	Monroe, OH	15.0	33.1	243.0	336.7
Morgantown, WV	Monongalia, WV	warm	15	Morgan, OH	8.7	12.7	39.3	3.3
Morgantown, WV	Monongalia, WV	warm	15	Morgan, WV	9.0	14.1	105.1	15.7
Morgantown, WV	Monongalia, WV	warm	15	Muskingum, OH	31.5	48.0	457.3	100.6
Morgantown, WV	Monongalia, WV	warm	15	Nelson, VA	11.7	12.6	77.9	11.5
Morgantown, WV	Monongalia, WV	warm	15	Nicholas, WV	12.7	17.1	103.6	16.7
Morgantown, WV	Monongalia, WV	warm	15	Noble, OH	9.0	11.7	136.7	5.6
Morgantown, WV	Monongalia, WV	warm	15	Ohio, WV	14.4	14.2	326.1	53.1
Morgantown, WV	Monongalia, WV	warm	15	Page, VA	12.6	16.3	87.6	21.7
Morgantown, WV	Monongalia, WV	warm	15	Pendleton, WV	4.5	11.8	51.2	8.5
Morgantown, WV	Monongalia, WV	warm	15	Perry, OH	14.7	23.6	187.6	16.6
Morgantown, WV	Monongalia, WV	warm	15	Pleasants, WV	14.2	145.6	1462.0	6079.5
Morgantown, WV	Monongalia, WV	warm	15	Pocahontas, WV	5.7	8.8	37.0	28.0
Morgantown, WV	Monongalia, WV	warm	15	Preston, WV	15.9	91.0	389.1	1683.4
Morgantown, WV	Monongalia, WV	warm	15	Randolph, WV	13.4	14.3	251.2	21.3
Morgantown, WV	Monongalia, WV	warm	15	Ritchie, WV	4.2	8.5	69.5	12.6
Morgantown, WV	Monongalia, WV	warm	15	Roane, WV	5.6	9.6	58.8	8.5
Morgantown, WV	Monongalia, WV	warm	15	Rockbridge, VA	17.0	20.9	248.4	57.1
Morgantown, WV	Monongalia, WV	warm	15	Rockingham, VA	42.1	72.4	401.9	99.4
Morgantown, WV	Monongalia, WV	warm	15	Shenandoah, VA	24.4	33.3	327.9	43.1
Morgantown, WV	Monongalia, WV	warm	15	Somerset, PA	41.7	44.7	456.3	180.7
Morgantown, WV	Monongalia, WV	warm	15	Stark, OH	56.2	82.0	1279.0	228.8
Morgantown, WV	Monongalia, WV	warm	15	Staunton (City), VA	3.5	4.4	48.5	6.6
Morgantown, WV	Monongalia, WV	warm	15	Taylor, WV	5.0	15.1	142.8	41.6
Morgantown, WV	Monongalia, WV	warm	15	Tucker, WV	4.9	17.2	53.7	12.9
Morgantown, WV	Monongalia, WV	warm	15	Tuscarawas, OH	28.9	32.5	482.2	283.4
Morgantown, WV	Monongalia, WV	warm	15	Tyler, WV	5.5	10.2	139.1	48.1
Morgantown, WV	Monongalia, WV	warm	15	Upshur, WV	11.0	14.3	119.2	13.6
Morgantown, WV	Monongalia, WV	warm	15	Venango, PA	23.1	26.8	270.3	188.1
Morgantown, WV	Monongalia, WV	warm	15	Vinton, OH	8.2	10.1	46.7	7.2
Morgantown, WV	Monongalia, WV	warm	15	Warren, VA	18.5	19.8	146.0	19.2
Morgantown, WV	Monongalia, WV	warm	15	Washington, MD	59.8	76.6	988.4	638.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Morgantown, WV	Monongalia, WV	warm	15	Washington, OH	72.6	645.7	2385.3	16113.4
Morgantown, WV	Monongalia, WV	warm	15	Washington, PA	50.4	101.3	1599.1	619.4
Morgantown, WV	Monongalia, WV	warm	15	Waynesboro (City), VA	5.3	10.4	161.9	141.3
Morgantown, WV	Monongalia, WV	warm	15	Webster, WV	3.6	7.6	21.0	6.3
Morgantown, WV	Monongalia, WV	warm	15	Westmoreland, PA	78.3	86.9	1632.8	343.7
Morgantown, WV	Monongalia, WV	warm	15	Wetzel, WV	8.4	10.1	390.6	67.7
Morgantown, WV	Monongalia, WV	warm	15	Wirt, WV	2.4	6.8	13.2	1.8
Morgantown, WV	Monongalia, WV	warm	15	Wood, WV	41.2	50.9	575.1	612.1
Muscatine, IA	Muscatine, IA	cold	10	Adair, MO	5.0	15.2	46.3	9.3
Muscatine, IA	Muscatine, IA	cold	10	Adams, IL	12.2	43.5	168.6	67.9
Muscatine, IA	Muscatine, IA	cold	10	Allamakee, IA	8.7	45.8	263.3	281.2
Muscatine, IA	Muscatine, IA	cold	10	Appanoose, IA	5.0	13.6	40.2	4.5
Muscatine, IA	Muscatine, IA	cold	10	Benton, IA	9.9	29.5	116.5	10.8
Muscatine, IA	Muscatine, IA	cold	10	Black Hawk, IA	20.4	48.2	329.8	144.9
Muscatine, IA	Muscatine, IA	cold	10	Boone, IL	7.2	24.8	109.4	6.0
Muscatine, IA	Muscatine, IA	cold	10	Bremer, IA	8.8	23.8	63.6	9.4
Muscatine, IA	Muscatine, IA	cold	10	Buchanan, IA	10.2	27.5	72.6	18.6
Muscatine, IA	Muscatine, IA	cold	10	Bureau, IL	12.0	50.2	170.2	13.2
Muscatine, IA	Muscatine, IA	cold	10	Butler, IA	8.5	26.9	50.3	5.5
Muscatine, IA	Muscatine, IA	cold	10	Carroll, IL	8.6	27.1	87.8	8.4
Muscatine, IA	Muscatine, IA	cold	10	Cedar, IA	9.0	26.1	145.5	10.8
Muscatine, IA	Muscatine, IA	cold	10	Cerro Gordo, IA	16.4	33.3	416.8	531.7
Muscatine, IA	Muscatine, IA	cold	10	Chickasaw, IA	6.7	21.2	45.4	8.8
Muscatine, IA	Muscatine, IA	cold	10	Clark, MO	7.1	20.1	81.2	7.4
Muscatine, IA	Muscatine, IA	cold	10	Clayton, IA	10.3	27.7	88.6	12.5
Muscatine, IA	Muscatine, IA	cold	10	Clinton, IA	16.7	99.1	623.4	542.8
Muscatine, IA	Muscatine, IA	cold	10	Crawford, WI	6.7	5.5	87.6	8.4
Muscatine, IA	Muscatine, IA	cold	10	Davis, IA	3.3	12.1	25.2	3.2
Muscatine, IA	Muscatine, IA	cold	10	DeKalb, IL	11.0	47.2	184.0	11.8
Muscatine, IA	Muscatine, IA	cold	10	Delaware, IA	7.6	25.2	63.8	7.6
Muscatine, IA	Muscatine, IA	cold	10	Des Moines, IA	9.9	40.9	219.9	285.2
Muscatine, IA	Muscatine, IA	cold	10	Dubuque, IA	18.9	53.0	307.6	223.6
Muscatine, IA	Muscatine, IA	cold	10	Fayette, IA	9.0	29.9	60.5	9.2
Muscatine, IA	Muscatine, IA	cold	10	Floyd, IA	7.7	22.2	53.3	6.9
Muscatine, IA	Muscatine, IA	cold	10	Franklin, IA	7.5	22.9	82.7	7.4
Muscatine, IA	Muscatine, IA	cold	10	Fulton, IL	12.1	44.8	181.0	248.6
Muscatine, IA	Muscatine, IA	cold	10	Grant, WI	14.3	26.4	308.6	768.0
Muscatine, IA	Muscatine, IA	cold	10	Green, WI	10.2	19.0	76.2	7.9
Muscatine, IA	Muscatine, IA	cold	10	Grundy, IA	6.2	24.2	49.5	5.6
Muscatine, IA	Muscatine, IA	cold	10	Grundy, IL	11.7	38.8	191.4	17.1
Muscatine, IA	Muscatine, IA	cold	10	Hancock, IL	10.1	37.8	89.0	10.5
Muscatine, IA	Muscatine, IA	cold	10	Hardin, IA	8.4	25.2	70.2	9.9
Muscatine, IA	Muscatine, IA	cold	10	Henderson, IL	6.0	19.3	82.0	9.5
Muscatine, IA	Muscatine, IA	cold	10	Henry, IA	6.5	18.2	85.0	11.4
Muscatine, IA	Muscatine, IA	cold	10	Henry, IL	11.9	47.8	313.6	12.6
Muscatine, IA	Muscatine, IA	cold	10	Iowa, IA	8.3	24.0	100.1	13.1
Muscatine, IA	Muscatine, IA	cold	10	Iowa, WI	6.7	10.4	48.3	4.6
Muscatine, IA	Muscatine, IA	cold	10	Jackson, IA	6.6	20.9	70.7	11.1
Muscatine, IA	Muscatine, IA	cold	10	Jasper, IA	15.3	38.2	147.0	16.7
Muscatine, IA	Muscatine, IA	cold	10	Jefferson, IA	5.4	24.6	101.1	12.5
Muscatine, IA	Muscatine, IA	cold	10	Jo Daviess, IL	9.5	26.2	174.9	9.7
Muscatine, IA	Muscatine, IA	cold	10	Johnson, IA	19.8	41.9	259.9	169.7
Muscatine, IA	Muscatine, IA	cold	10	Jones, IA	6.8	21.9	52.5	6.6
Muscatine, IA	Muscatine, IA	cold	10	Kane, IL	34.6	58.2	779.6	48.9
Muscatine, IA	Muscatine, IA	cold	10	Kendall, IL	10.9	27.0	174.4	16.6
Muscatine, IA	Muscatine, IA	cold	10	Keokuk, IA	5.2	20.1	90.1	4.0
Muscatine, IA	Muscatine, IA	cold	10	Knox, IL	12.9	39.7	186.2	14.3
Muscatine, IA	Muscatine, IA	cold	10	Knox, MO	3.9	14.8	51.8	4.3
Muscatine, IA	Muscatine, IA	cold	10	La Salle, IL	23.6	101.1	558.2	231.6
Muscatine, IA	Muscatine, IA	cold	10	Lafayette, WI	6.8	19.3	47.1	5.1
Muscatine, IA	Muscatine, IA	cold	10	Lee, IA	8.8	30.6	145.6	32.2
Muscatine, IA	Muscatine, IA	cold	10	Lee, IL	16.5	53.8	268.5	29.3
Muscatine, IA	Muscatine, IA	cold	10	Lewis, MO	5.3	20.7	52.9	4.9
Muscatine, IA	Muscatine, IA	cold	10	Linn, IA	26.5	121.1	898.2	800.3
Muscatine, IA	Muscatine, IA	cold	10	Livingston, IL	16.6	74.0	159.5	10.9
Muscatine, IA	Muscatine, IA	cold	10	Louisa, IA	9.3	29.5	307.6	589.9
Muscatine, IA	Muscatine, IA	cold	10	Mahaska, IA	6.6	21.7	59.9	8.0
Muscatine, IA	Muscatine, IA	cold	10	Marion, IA	7.1	22.3	110.4	49.2
Muscatine, IA	Muscatine, IA	cold	10	Marshall, IA	9.3	38.4	275.7	187.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Muscatine, IA	Muscatine, IA	cold	10	Marshall, IL	6.1	34.4	109.4	169.5
Muscatine, IA	Muscatine, IA	cold	10	Mason, IL	9.0	50.6	108.4	349.1
Muscatine, IA	Muscatine, IA	cold	10	McDonough, IL	7.8	31.8	113.9	43.6
Muscatine, IA	Muscatine, IA	cold	10	McHenry, IL	29.9	68.1	447.8	27.9
Muscatine, IA	Muscatine, IA	cold	10	Mercer, IL	7.0	30.1	52.8	6.3
Muscatine, IA	Muscatine, IA	cold	10	Monroe, IA	5.5	11.2	70.1	6.4
Muscatine, IA	Muscatine, IA	cold	10	Muscatine, IA	13.3	62.5	505.5	1274.5
Muscatine, IA	Muscatine, IA	cold	10	Ogle, IL	14.9	47.7	203.1	13.8
Muscatine, IA	Muscatine, IA	cold	10	Peoria, IL	33.6	142.9	852.9	2064.8
Muscatine, IA	Muscatine, IA	cold	10	Polk, IA	35.5	70.1	841.5	172.3
Muscatine, IA	Muscatine, IA	cold	10	Poweshiek, IA	7.7	23.0	88.5	10.5
Muscatine, IA	Muscatine, IA	cold	10	Putnam, IL	2.5	21.2	100.0	286.8
Muscatine, IA	Muscatine, IA	cold	10	Richland, WI	5.8	6.5	37.8	3.1
Muscatine, IA	Muscatine, IA	cold	10	Rock Island, IL	12.7	30.2	289.6	102.3
Muscatine, IA	Muscatine, IA	cold	10	Rock, WI	27.9	39.2	338.5	30.8
Muscatine, IA	Muscatine, IA	cold	10	Schuyler, IL	5.8	13.9	48.5	6.2
Muscatine, IA	Muscatine, IA	cold	10	Schuyler, MO	3.1	10.0	13.4	1.3
Muscatine, IA	Muscatine, IA	cold	10	Scotland, MO	3.3	13.7	41.6	3.8
Muscatine, IA	Muscatine, IA	cold	10	Scott, IA	18.6	69.8	533.8	432.7
Muscatine, IA	Muscatine, IA	cold	10	Stark, IL	2.5	18.9	23.1	2.0
Muscatine, IA	Muscatine, IA	cold	10	Stephenson, IL	8.7	35.5	96.5	6.3
Muscatine, IA	Muscatine, IA	cold	10	Story, IA	18.9	64.3	310.9	185.0
Muscatine, IA	Muscatine, IA	cold	10	Tama, IA	9.6	28.5	120.4	11.3
Muscatine, IA	Muscatine, IA	cold	10	Tazewell, IL	21.9	105.6	1829.6	1727.2
Muscatine, IA	Muscatine, IA	cold	10	Van Buren, IA	5.7	14.1	26.2	3.6
Muscatine, IA	Muscatine, IA	cold	10	Walworth, WI	18.0	24.8	199.6	14.1
Muscatine, IA	Muscatine, IA	cold	10	Wapello, IA	11.3	87.3	442.9	683.6
Muscatine, IA	Muscatine, IA	cold	10	Warren, IL	6.7	30.8	84.2	6.7
Muscatine, IA	Muscatine, IA	cold	10	Washington, IA	10.9	27.9	70.6	14.0
Muscatine, IA	Muscatine, IA	cold	10	Whiteside, IL	12.7	49.3	224.4	16.5
Muscatine, IA	Muscatine, IA	cold	10	Winnebago, IL	20.1	47.9	505.6	28.9
Muscatine, IA	Muscatine, IA	cold	10	Winneshiek, IA	8.5	27.1	59.1	10.5
Muscatine, IA	Muscatine, IA	cold	10	Woodford, IL	7.7	35.1	106.6	8.9
Muscatine, IA	Muscatine, IA	warm	8	Adair, MO	5.6	16.9	51.3	10.3
Muscatine, IA	Muscatine, IA	warm	8	Adams, IL	13.6	48.2	186.9	75.3
Muscatine, IA	Muscatine, IA	warm	8	Allamakee, IA	9.6	50.8	291.9	311.8
Muscatine, IA	Muscatine, IA	warm	8	Appanoose, IA	5.6	15.1	44.6	5.0
Muscatine, IA	Muscatine, IA	warm	8	Benton, IA	10.9	32.7	129.2	11.9
Muscatine, IA	Muscatine, IA	warm	8	Black Hawk, IA	22.6	53.4	365.6	160.7
Muscatine, IA	Muscatine, IA	warm	8	Boone, IL	7.9	27.4	121.3	6.7
Muscatine, IA	Muscatine, IA	warm	8	Bremer, IA	9.8	26.3	70.5	10.4
Muscatine, IA	Muscatine, IA	warm	8	Buchanan, IA	11.3	30.5	80.4	20.6
Muscatine, IA	Muscatine, IA	warm	8	Bureau, IL	13.3	55.7	188.7	14.7
Muscatine, IA	Muscatine, IA	warm	8	Butler, IA	9.4	29.8	55.8	6.1
Muscatine, IA	Muscatine, IA	warm	8	Carroll, IL	9.5	30.1	97.3	9.3
Muscatine, IA	Muscatine, IA	warm	8	Cedar, IA	10.0	29.0	161.2	12.0
Muscatine, IA	Muscatine, IA	warm	8	Cerro Gordo, IA	18.1	36.9	462.0	589.4
Muscatine, IA	Muscatine, IA	warm	8	Chickasaw, IA	7.5	23.5	50.3	9.8
Muscatine, IA	Muscatine, IA	warm	8	Clark, MO	7.9	22.3	90.0	8.2
Muscatine, IA	Muscatine, IA	warm	8	Clayton, IA	11.4	30.7	98.2	13.9
Muscatine, IA	Muscatine, IA	warm	8	Clinton, IA	18.5	109.8	691.1	601.6
Muscatine, IA	Muscatine, IA	warm	8	Crawford, WI	7.5	6.1	97.2	9.3
Muscatine, IA	Muscatine, IA	warm	8	Davis, IA	3.7	13.5	27.9	3.6
Muscatine, IA	Muscatine, IA	warm	8	DeKalb, IL	12.2	52.3	203.9	13.1
Muscatine, IA	Muscatine, IA	warm	8	Delaware, IA	8.4	27.9	70.7	8.4
Muscatine, IA	Muscatine, IA	warm	8	Des Moines, IA	10.9	45.4	243.8	316.1
Muscatine, IA	Muscatine, IA	warm	8	Dubuque, IA	21.0	58.8	341.0	247.8
Muscatine, IA	Muscatine, IA	warm	8	Fayette, IA	10.0	33.1	67.1	10.2
Muscatine, IA	Muscatine, IA	warm	8	Floyd, IA	8.6	24.6	59.1	7.7
Muscatine, IA	Muscatine, IA	warm	8	Franklin, IA	8.3	25.4	91.7	8.2
Muscatine, IA	Muscatine, IA	warm	8	Fulton, IL	13.4	49.6	200.6	275.6
Muscatine, IA	Muscatine, IA	warm	8	Grant, WI	15.8	29.3	342.1	851.3
Muscatine, IA	Muscatine, IA	warm	8	Green, WI	11.3	21.0	84.4	8.8
Muscatine, IA	Muscatine, IA	warm	8	Grundy, IA	6.8	26.8	54.9	6.2
Muscatine, IA	Muscatine, IA	warm	8	Grundy, IL	13.0	43.0	212.2	18.9
Muscatine, IA	Muscatine, IA	warm	8	Hancock, IL	11.2	41.9	98.7	11.6
Muscatine, IA	Muscatine, IA	warm	8	Hardin, IA	9.3	28.0	77.9	11.0
Muscatine, IA	Muscatine, IA	warm	8	Henderson, IL	6.7	21.4	90.9	10.5
Muscatine, IA	Muscatine, IA	warm	8	Henry, IA	7.2	20.2	94.2	12.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Muscatine, IA	Muscatine, IA	warm	8	Henry, IL	13.2	53.0	347.6	14.0
Muscatine, IA	Muscatine, IA	warm	8	Iowa, IA	9.2	26.6	110.9	14.5
Muscatine, IA	Muscatine, IA	warm	8	Iowa, WI	7.4	11.5	53.6	5.1
Muscatine, IA	Muscatine, IA	warm	8	Jackson, IA	7.3	23.1	78.4	12.3
Muscatine, IA	Muscatine, IA	warm	8	Jasper, IA	17.0	42.4	162.9	18.5
Muscatine, IA	Muscatine, IA	warm	8	Jefferson, IA	6.0	27.3	112.0	13.9
Muscatine, IA	Muscatine, IA	warm	8	Jo Daviess, IL	10.5	29.0	193.9	10.7
Muscatine, IA	Muscatine, IA	warm	8	Johnson, IA	21.9	46.5	288.1	188.2
Muscatine, IA	Muscatine, IA	warm	8	Jones, IA	7.5	24.3	58.2	7.3
Muscatine, IA	Muscatine, IA	warm	8	Kane, IL	38.4	64.5	864.2	54.2
Muscatine, IA	Muscatine, IA	warm	8	Kendall, IL	12.0	30.0	193.3	18.4
Muscatine, IA	Muscatine, IA	warm	8	Keokuk, IA	5.8	22.3	99.8	4.4
Muscatine, IA	Muscatine, IA	warm	8	Knox, IL	14.3	44.0	206.4	15.9
Muscatine, IA	Muscatine, IA	warm	8	Knox, MO	4.3	16.4	57.4	4.8
Muscatine, IA	Muscatine, IA	warm	8	La Salle, IL	26.2	112.1	618.7	256.7
Muscatine, IA	Muscatine, IA	warm	8	Lafayette, WI	7.6	21.4	52.2	5.7
Muscatine, IA	Muscatine, IA	warm	8	Lee, IA	9.8	33.9	161.4	35.7
Muscatine, IA	Muscatine, IA	warm	8	Lee, IL	18.3	59.6	297.6	32.5
Muscatine, IA	Muscatine, IA	warm	8	Lewis, MO	5.8	22.9	58.7	5.4
Muscatine, IA	Muscatine, IA	warm	8	Linn, IA	29.4	134.2	995.6	887.2
Muscatine, IA	Muscatine, IA	warm	8	Livingston, IL	18.4	82.0	176.9	12.1
Muscatine, IA	Muscatine, IA	warm	8	Louisa, IA	10.3	32.7	341.0	653.9
Muscatine, IA	Muscatine, IA	warm	8	Mahaska, IA	7.4	24.1	66.4	8.9
Muscatine, IA	Muscatine, IA	warm	8	Marion, IA	7.8	24.7	122.4	54.6
Muscatine, IA	Muscatine, IA	warm	8	Marshall, IA	10.3	42.6	305.6	207.5
Muscatine, IA	Muscatine, IA	warm	8	Marshall, IL	6.7	38.1	121.3	187.9
Muscatine, IA	Muscatine, IA	warm	8	Mason, IL	10.0	56.1	120.2	387.0
Muscatine, IA	Muscatine, IA	warm	8	McDonough, IL	8.6	35.2	126.2	48.3
Muscatine, IA	Muscatine, IA	warm	8	McHenry, IL	33.1	75.5	496.4	31.0
Muscatine, IA	Muscatine, IA	warm	8	Mercer, IL	7.8	33.3	58.6	7.0
Muscatine, IA	Muscatine, IA	warm	8	Monroe, IA	6.1	12.5	77.7	7.1
Muscatine, IA	Muscatine, IA	warm	8	Muscatine, IA	14.8	69.3	560.4	1412.8
Muscatine, IA	Muscatine, IA	warm	8	Ogle, IL	16.5	52.9	225.1	15.3
Muscatine, IA	Muscatine, IA	warm	8	Peoria, IL	37.3	158.4	945.5	2288.8
Muscatine, IA	Muscatine, IA	warm	8	Polk, IA	39.3	77.7	932.8	191.0
Muscatine, IA	Muscatine, IA	warm	8	Poweshiek, IA	8.5	25.5	98.1	11.6
Muscatine, IA	Muscatine, IA	warm	8	Putnam, IL	2.8	23.5	110.9	317.9
Muscatine, IA	Muscatine, IA	warm	8	Richland, WI	6.4	7.2	41.9	3.4
Muscatine, IA	Muscatine, IA	warm	8	Rock Island, IL	14.0	33.5	321.0	113.4
Muscatine, IA	Muscatine, IA	warm	8	Rock, WI	30.9	43.5	375.2	34.2
Muscatine, IA	Muscatine, IA	warm	8	Schuyler, IL	6.4	15.4	53.8	6.9
Muscatine, IA	Muscatine, IA	warm	8	Schuyler, MO	3.4	11.1	14.8	1.5
Muscatine, IA	Muscatine, IA	warm	8	Scotland, MO	3.7	15.1	46.1	4.2
Muscatine, IA	Muscatine, IA	warm	8	Scott, IA	20.7	77.4	591.7	479.6
Muscatine, IA	Muscatine, IA	warm	8	Stark, IL	2.7	20.9	25.6	2.2
Muscatine, IA	Muscatine, IA	warm	8	Stephenson, IL	9.6	39.3	107.0	7.0
Muscatine, IA	Muscatine, IA	warm	8	Story, IA	21.0	71.2	344.7	205.1
Muscatine, IA	Muscatine, IA	warm	8	Tama, IA	10.6	31.6	133.5	12.5
Muscatine, IA	Muscatine, IA	warm	8	Tazewell, IL	24.3	117.0	2028.1	1914.6
Muscatine, IA	Muscatine, IA	warm	8	Van Buren, IA	6.4	15.6	29.0	4.0
Muscatine, IA	Muscatine, IA	warm	8	Walworth, WI	20.0	27.5	221.3	15.6
Muscatine, IA	Muscatine, IA	warm	8	Wapello, IA	12.5	96.8	491.0	757.8
Muscatine, IA	Muscatine, IA	warm	8	Warren, IL	7.4	34.2	93.3	7.5
Muscatine, IA	Muscatine, IA	warm	8	Washington, IA	12.1	31.0	78.3	15.5
Muscatine, IA	Muscatine, IA	warm	8	Whiteside, IL	14.1	54.6	248.8	18.2
Muscatine, IA	Muscatine, IA	warm	8	Winnebago, IL	22.3	53.1	560.5	32.0
Muscatine, IA	Muscatine, IA	warm	8	Winneshiek, IA	9.4	30.0	65.5	11.7
Muscatine, IA	Muscatine, IA	warm	8	Woodford, IL	8.5	38.9	118.2	9.8
New York, New York	Bergen, NJ	cold	5	Albany, NY	18.2	23.1	437.8	459.2
New York, New York	Bergen, NJ	cold	5	Atlantic, NJ	24.7	14.2	172.4	17.7
New York, New York	Bergen, NJ	cold	5	Bennington, VT	4.9	4.9	26.3	6.1
New York, New York	Bergen, NJ	cold	5	Bergen, NJ	20.9	7.1	562.0	39.9
New York, New York	Bergen, NJ	cold	5	Berks, PA	21.7	51.8	426.5	445.1
New York, New York	Bergen, NJ	cold	5	Berkshire, MA	19.0	16.7	137.6	42.3
New York, New York	Bergen, NJ	cold	5	Bradford, PA	8.1	8.8	55.0	17.5
New York, New York	Bergen, NJ	cold	5	Bronx, NY	12.6	11.4	338.7	87.3
New York, New York	Bergen, NJ	cold	5	Broome, NY	17.8	27.0	204.1	329.3
New York, New York	Bergen, NJ	cold	5	Bucks, PA	20.7	25.0	396.0	93.2
New York, New York	Bergen, NJ	cold	5	Burlington, NJ	26.8	17.4	367.2	79.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Bergen, NJ	cold	5	Camden, NJ	14.1	7.9	326.7	43.4
New York, New York	Bergen, NJ	cold	5	Cape May, NJ	14.1	22.2	184.3	257.0
New York, New York	Bergen, NJ	cold	5	Carbon, PA	7.4	7.5	68.7	33.8
New York, New York	Bergen, NJ	cold	5	Cayuga, NY	13.1	17.0	92.4	30.7
New York, New York	Bergen, NJ	cold	5	Cecil, MD	10.5	9.6	93.4	30.6
New York, New York	Bergen, NJ	cold	5	Chemung, NY	9.4	11.8	80.6	37.4
New York, New York	Bergen, NJ	cold	5	Chenango, NY	14.6	13.6	39.0	19.9
New York, New York	Bergen, NJ	cold	5	Cheshire, NH	13.6	10.6	60.1	15.4
New York, New York	Bergen, NJ	cold	5	Chester, PA	18.8	29.0	389.3	188.5
New York, New York	Bergen, NJ	cold	5	Clinton, PA	4.8	4.2	68.1	13.2
New York, New York	Bergen, NJ	cold	5	Columbia, NY	9.7	10.9	59.6	21.9
New York, New York	Bergen, NJ	cold	5	Columbia, PA	4.8	7.6	62.4	18.7
New York, New York	Bergen, NJ	cold	5	Cortland, NY	8.5	9.1	42.3	14.9
New York, New York	Bergen, NJ	cold	5	Cumberland, NJ	10.4	9.6	153.9	75.4
New York, New York	Bergen, NJ	cold	5	Cumberland, PA	16.5	20.3	340.9	46.6
New York, New York	Bergen, NJ	cold	5	Dauphin, PA	12.4	12.1	295.9	57.6
New York, New York	Bergen, NJ	cold	5	Delaware, NY	17.2	15.0	52.9	24.3
New York, New York	Bergen, NJ	cold	5	Delaware, PA	20.4	29.2	776.0	480.1
New York, New York	Bergen, NJ	cold	5	Dutchess, NY	18.5	20.7	187.6	109.4
New York, New York	Bergen, NJ	cold	5	Essex, NJ	15.0	6.1	524.1	109.6
New York, New York	Bergen, NJ	cold	5	Fairfield, CT	38.4	30.5	622.2	224.8
New York, New York	Bergen, NJ	cold	5	Franklin, MA	12.9	14.3	92.5	19.9
New York, New York	Bergen, NJ	cold	5	Gloucester, NJ	16.0	18.1	299.8	167.8
New York, New York	Bergen, NJ	cold	5	Greene, NY	9.7	11.3	132.1	94.5
New York, New York	Bergen, NJ	cold	5	Hampden, MA	31.7	30.4	389.5	216.4
New York, New York	Bergen, NJ	cold	5	Hampshire, MA	15.2	17.3	102.3	33.7
New York, New York	Bergen, NJ	cold	5	Harford, MD	20.7	20.2	172.4	54.4
New York, New York	Bergen, NJ	cold	5	Hartford, CT	36.0	26.2	580.9	125.0
New York, New York	Bergen, NJ	cold	5	Herkimer, NY	12.9	12.3	87.7	21.6
New York, New York	Bergen, NJ	cold	5	Hudson, NJ	15.8	45.5	634.2	644.0
New York, New York	Bergen, NJ	cold	5	Hunterdon, NJ	10.7	7.2	91.6	13.1
New York, New York	Bergen, NJ	cold	5	Juniata, PA	2.9	3.8	42.6	5.9
New York, New York	Bergen, NJ	cold	5	Kent, DE	10.2	12.0	214.3	105.6
New York, New York	Bergen, NJ	cold	5	Kent, MD	3.8	6.5	23.6	11.1
New York, New York	Bergen, NJ	cold	5	Kings, NY	24.8	22.8	657.7	195.1
New York, New York	Bergen, NJ	cold	5	Lackawanna, PA	7.9	10.7	157.1	30.1
New York, New York	Bergen, NJ	cold	5	Lancaster, PA	27.3	46.4	386.7	94.7
New York, New York	Bergen, NJ	cold	5	Lebanon, PA	8.0	11.5	138.6	41.9
New York, New York	Bergen, NJ	cold	5	Lehigh, PA	11.8	17.2	271.3	88.4
New York, New York	Bergen, NJ	cold	5	Litchfield, CT	22.4	16.5	103.8	29.1
New York, New York	Bergen, NJ	cold	5	Luzerne, PA	18.5	19.1	245.0	168.8
New York, New York	Bergen, NJ	cold	5	Lycoming, PA	7.2	8.3	101.2	25.7
New York, New York	Bergen, NJ	cold	5	Madison, NY	11.1	12.3	67.9	19.9
New York, New York	Bergen, NJ	cold	5	Mercer, NJ	13.7	22.2	416.0	422.0
New York, New York	Bergen, NJ	cold	5	Middlesex, CT	15.1	11.5	163.7	63.3
New York, New York	Bergen, NJ	cold	5	Middlesex, NJ	22.4	11.5	688.0	73.8
New York, New York	Bergen, NJ	cold	5	Monmouth, NJ	23.3	11.3	395.5	42.2
New York, New York	Bergen, NJ	cold	5	Monroe, PA	13.9	12.6	123.7	24.1
New York, New York	Bergen, NJ	cold	5	Montgomery, NY	7.5	9.2	85.0	21.5
New York, New York	Bergen, NJ	cold	5	Montgomery, PA	26.4	32.1	549.7	127.6
New York, New York	Bergen, NJ	cold	5	Montour, PA	9.9	150.2	330.3	3013.0
New York, New York	Bergen, NJ	cold	5	Morris, NJ	22.5	12.3	324.9	27.8
New York, New York	Bergen, NJ	cold	5	Nassau, NY	25.7	21.4	751.8	146.3
New York, New York	Bergen, NJ	cold	5	New Castle, DE	21.0	28.3	667.2	1201.8
New York, New York	Bergen, NJ	cold	5	New Haven, CT	38.7	26.1	511.6	194.6
New York, New York	Bergen, NJ	cold	5	New London, CT	24.0	21.8	263.2	139.3
New York, New York	Bergen, NJ	cold	5	New York, NY	44.0	31.3	866.6	308.0
New York, New York	Bergen, NJ	cold	5	Northampton, PA	15.7	88.2	580.7	1424.4
New York, New York	Bergen, NJ	cold	5	Northumberland, PA	7.3	9.4	81.2	35.5
New York, New York	Bergen, NJ	cold	5	Ocean, NJ	23.4	12.4	225.9	25.0
New York, New York	Bergen, NJ	cold	5	Oneida, NY	25.4	25.5	180.0	72.2
New York, New York	Bergen, NJ	cold	5	Onondaga, NY	22.3	26.2	413.0	218.0
New York, New York	Bergen, NJ	cold	5	Orange, NY	22.0	35.9	439.4	777.7
New York, New York	Bergen, NJ	cold	5	Otsego, NY	15.6	14.8	54.4	18.9
New York, New York	Bergen, NJ	cold	5	Passaic, NJ	11.1	6.4	206.8	17.3
New York, New York	Bergen, NJ	cold	5	Perry, PA	5.5	5.8	59.3	10.5
New York, New York	Bergen, NJ	cold	5	Philadelphia, PA	29.4	22.8	913.5	266.3
New York, New York	Bergen, NJ	cold	5	Pike, PA	9.9	8.8	55.5	6.3
New York, New York	Bergen, NJ	cold	5	Potter, PA	3.1	3.3	46.0	4.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Bergen, NJ	cold	5	Putnam, NY	7.2	7.5	126.6	26.3
New York, New York	Bergen, NJ	cold	5	Queens, NY	33.7	28.3	965.1	435.4
New York, New York	Bergen, NJ	cold	5	Rensselaer, NY	17.4	16.5	99.9	42.8
New York, New York	Bergen, NJ	cold	5	Rockland, NY	7.7	19.4	301.3	299.8
New York, New York	Bergen, NJ	cold	5	Rutland, VT	9.0	8.9	43.5	11.7
New York, New York	Bergen, NJ	cold	5	Salem, NJ	7.4	17.9	170.8	140.3
New York, New York	Bergen, NJ	cold	5	Saratoga, NY	31.5	27.7	150.1	48.7
New York, New York	Bergen, NJ	cold	5	Schenectady, NY	6.3	6.7	111.0	41.3
New York, New York	Bergen, NJ	cold	5	Schoharie, NY	8.9	8.4	39.5	9.1
New York, New York	Bergen, NJ	cold	5	Schuylkill, PA	12.9	15.0	146.7	170.7
New York, New York	Bergen, NJ	cold	5	Snyder, PA	4.9	20.5	104.6	665.1
New York, New York	Bergen, NJ	cold	5	Somerset, NJ	10.6	8.0	186.0	13.6
New York, New York	Bergen, NJ	cold	5	Suffolk, NY	43.3	50.5	1295.6	1111.7
New York, New York	Bergen, NJ	cold	5	Sullivan, NY	13.2	12.3	51.9	21.7
New York, New York	Bergen, NJ	cold	5	Sullivan, PA	2.2	2.5	7.2	1.5
New York, New York	Bergen, NJ	cold	5	Susquehanna, PA	6.2	6.2	48.8	7.8
New York, New York	Bergen, NJ	cold	5	Sussex, NJ	17.5	12.1	64.3	15.8
New York, New York	Bergen, NJ	cold	5	Tioga, NY	11.1	11.3	50.1	20.4
New York, New York	Bergen, NJ	cold	5	Tioga, PA	5.8	7.4	47.4	7.5
New York, New York	Bergen, NJ	cold	5	Tolland, CT	12.9	10.0	95.8	21.6
New York, New York	Bergen, NJ	cold	5	Tompkins, NY	14.5	19.2	118.1	121.4
New York, New York	Bergen, NJ	cold	5	Ulster, NY	21.3	22.4	142.8	74.7
New York, New York	Bergen, NJ	cold	5	Union, NJ	14.2	8.6	472.7	89.8
New York, New York	Bergen, NJ	cold	5	Union, PA	3.4	4.6	46.9	8.5
New York, New York	Bergen, NJ	cold	5	Warren, NJ	13.9	11.3	120.0	13.3
New York, New York	Bergen, NJ	cold	5	Washington, NY	18.6	17.9	52.4	27.8
New York, New York	Bergen, NJ	cold	5	Wayne, PA	8.0	7.5	36.2	11.4
New York, New York	Bergen, NJ	cold	5	Westchester, NY	22.3	16.8	583.9	112.5
New York, New York	Bergen, NJ	cold	5	Windham, VT	8.8	7.7	58.4	32.5
New York, New York	Bergen, NJ	cold	5	Windsor, VT	8.9	8.0	59.0	9.1
New York, New York	Bergen, NJ	cold	5	Worcester, MA	65.7	56.6	663.7	143.7
New York, New York	Bergen, NJ	cold	5	Wyoming, PA	4.9	5.4	39.9	8.0
New York, New York	Bergen, NJ	cold	5	York, PA	28.7	132.9	759.8	2797.7
New York, New York	Bergen, NJ	warm	9	Albany, NY	45.3	57.5	1092.0	1145.4
New York, New York	Bergen, NJ	warm	9	Atlantic, NJ	61.5	35.5	430.0	44.2
New York, New York	Bergen, NJ	warm	9	Bennington, VT	12.2	12.3	65.6	15.2
New York, New York	Bergen, NJ	warm	9	Bergen, NJ	52.1	17.8	1401.6	99.5
New York, New York	Bergen, NJ	warm	9	Berks, PA	54.2	129.3	1063.9	1110.2
New York, New York	Bergen, NJ	warm	9	Berkshire, MA	47.4	41.7	343.1	105.5
New York, New York	Bergen, NJ	warm	9	Bradford, PA	20.1	22.0	137.2	43.7
New York, New York	Bergen, NJ	warm	9	Bronx, NY	31.4	28.5	844.8	217.8
New York, New York	Bergen, NJ	warm	9	Broome, NY	44.3	67.2	509.0	821.2
New York, New York	Bergen, NJ	warm	9	Bucks, PA	51.5	62.5	987.8	232.4
New York, New York	Bergen, NJ	warm	9	Burlington, NJ	66.9	43.4	915.9	198.1
New York, New York	Bergen, NJ	warm	9	Camden, NJ	35.1	19.8	814.8	108.2
New York, New York	Bergen, NJ	warm	9	Cape May, NJ	35.2	55.4	459.5	641.0
New York, New York	Bergen, NJ	warm	9	Carbon, PA	18.4	18.6	171.4	84.2
New York, New York	Bergen, NJ	warm	9	Cayuga, NY	32.6	42.4	230.4	76.7
New York, New York	Bergen, NJ	warm	9	Cecil, MD	26.2	24.0	233.0	76.4
New York, New York	Bergen, NJ	warm	9	Chemung, NY	23.3	29.4	201.0	93.2
New York, New York	Bergen, NJ	warm	9	Chenango, NY	36.3	33.9	97.4	49.7
New York, New York	Bergen, NJ	warm	9	Cheshire, NH	34.0	26.5	150.0	38.4
New York, New York	Bergen, NJ	warm	9	Chester, PA	47.0	72.2	971.0	470.0
New York, New York	Bergen, NJ	warm	9	Clinton, PA	12.0	10.4	169.7	33.0
New York, New York	Bergen, NJ	warm	9	Columbia, NY	24.1	27.2	148.6	54.6
New York, New York	Bergen, NJ	warm	9	Columbia, PA	11.9	18.9	155.7	46.6
New York, New York	Bergen, NJ	warm	9	Cortland, NY	21.3	22.6	105.4	37.2
New York, New York	Bergen, NJ	warm	9	Cumberland, NJ	25.9	24.0	383.9	188.0
New York, New York	Bergen, NJ	warm	9	Cumberland, PA	41.1	50.7	850.3	116.2
New York, New York	Bergen, NJ	warm	9	Dauphin, PA	31.0	30.2	738.1	143.7
New York, New York	Bergen, NJ	warm	9	Delaware, NY	42.9	37.5	131.8	60.6
New York, New York	Bergen, NJ	warm	9	Delaware, PA	50.9	72.9	1935.5	1197.4
New York, New York	Bergen, NJ	warm	9	Dutchess, NY	46.0	51.7	467.9	272.8
New York, New York	Bergen, NJ	warm	9	Essex, NJ	37.5	15.2	1307.1	273.3
New York, New York	Bergen, NJ	warm	9	Fairfield, CT	95.9	76.0	1551.9	560.8
New York, New York	Bergen, NJ	warm	9	Franklin, MA	32.2	35.6	230.8	49.5
New York, New York	Bergen, NJ	warm	9	Gloucester, NJ	39.8	45.1	747.7	418.6
New York, New York	Bergen, NJ	warm	9	Greene, NY	24.3	28.3	329.4	235.6
New York, New York	Bergen, NJ	warm	9	Hampden, MA	79.2	75.9	971.4	539.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Bergen, NJ	warm	9	Hampshire, MA	38.0	43.1	255.1	84.0
New York, New York	Bergen, NJ	warm	9	Harford, MD	51.7	50.3	430.0	135.7
New York, New York	Bergen, NJ	warm	9	Hartford, CT	89.9	65.3	1448.9	311.8
New York, New York	Bergen, NJ	warm	9	Herkimer, NY	32.1	30.6	218.8	53.8
New York, New York	Bergen, NJ	warm	9	Hudson, NJ	39.5	113.4	1581.7	1606.2
New York, New York	Bergen, NJ	warm	9	Hunterdon, NJ	26.7	18.0	228.4	32.7
New York, New York	Bergen, NJ	warm	9	Juniata, PA	7.3	9.5	106.3	14.8
New York, New York	Bergen, NJ	warm	9	Kent, DE	25.6	29.9	534.6	263.4
New York, New York	Bergen, NJ	warm	9	Kent, MD	9.5	16.1	58.9	27.7
New York, New York	Bergen, NJ	warm	9	Kings, NY	62.0	56.8	1640.4	486.7
New York, New York	Bergen, NJ	warm	9	Lackawanna, PA	19.7	26.6	391.8	75.0
New York, New York	Bergen, NJ	warm	9	Lancaster, PA	68.2	115.8	964.5	236.3
New York, New York	Bergen, NJ	warm	9	Lebanon, PA	19.9	28.8	345.6	104.6
New York, New York	Bergen, NJ	warm	9	Lehigh, PA	29.5	42.9	676.6	220.5
New York, New York	Bergen, NJ	warm	9	Litchfield, CT	55.8	41.1	258.8	72.6
New York, New York	Bergen, NJ	warm	9	Luzerne, PA	46.1	47.7	611.0	421.0
New York, New York	Bergen, NJ	warm	9	Lycoming, PA	18.1	20.6	252.3	64.0
New York, New York	Bergen, NJ	warm	9	Madison, NY	27.7	30.6	169.2	49.7
New York, New York	Bergen, NJ	warm	9	Mercer, NJ	34.1	55.5	1037.7	1052.4
New York, New York	Bergen, NJ	warm	9	Middlesex, CT	37.7	28.7	408.3	157.9
New York, New York	Bergen, NJ	warm	9	Middlesex, NJ	56.0	28.8	1716.0	184.1
New York, New York	Bergen, NJ	warm	9	Monmouth, NJ	58.2	28.1	986.5	105.2
New York, New York	Bergen, NJ	warm	9	Monroe, PA	34.7	31.5	308.5	60.1
New York, New York	Bergen, NJ	warm	9	Montgomery, NY	18.7	22.8	212.0	53.6
New York, New York	Bergen, NJ	warm	9	Montgomery, PA	65.8	80.0	1370.9	318.3
New York, New York	Bergen, NJ	warm	9	Montour, PA	24.7	374.7	823.9	7514.7
New York, New York	Bergen, NJ	warm	9	Morris, NJ	56.1	30.6	810.2	69.3
New York, New York	Bergen, NJ	warm	9	Nassau, NY	64.2	53.4	1875.1	364.9
New York, New York	Bergen, NJ	warm	9	New Castle, DE	52.4	70.5	1664.2	2997.4
New York, New York	Bergen, NJ	warm	9	New Haven, CT	96.6	65.0	1276.0	485.3
New York, New York	Bergen, NJ	warm	9	New London, CT	59.9	54.4	656.6	347.4
New York, New York	Bergen, NJ	warm	9	New York, NY	109.6	78.1	2161.3	768.2
New York, New York	Bergen, NJ	warm	9	Northampton, PA	39.1	219.9	1448.2	3552.7
New York, New York	Bergen, NJ	warm	9	Northumberland, PA	18.1	23.5	202.5	88.5
New York, New York	Bergen, NJ	warm	9	Ocean, NJ	58.4	30.9	563.4	62.4
New York, New York	Bergen, NJ	warm	9	Oneida, NY	63.3	63.7	448.9	180.2
New York, New York	Bergen, NJ	warm	9	Onondaga, NY	55.6	65.4	1030.1	543.7
New York, New York	Bergen, NJ	warm	9	Orange, NY	54.9	89.6	1095.9	1939.6
New York, New York	Bergen, NJ	warm	9	Otsego, NY	38.9	36.8	135.8	47.2
New York, New York	Bergen, NJ	warm	9	Passaic, NJ	27.7	15.9	515.9	43.1
New York, New York	Bergen, NJ	warm	9	Perry, PA	13.7	14.4	147.9	26.1
New York, New York	Bergen, NJ	warm	9	Philadelphia, PA	73.4	56.8	2278.4	664.3
New York, New York	Bergen, NJ	warm	9	Pike, PA	24.6	21.9	138.4	15.6
New York, New York	Bergen, NJ	warm	9	Potter, PA	7.8	8.3	114.7	10.8
New York, New York	Bergen, NJ	warm	9	Putnam, NY	18.0	18.6	315.7	65.7
New York, New York	Bergen, NJ	warm	9	Queens, NY	84.1	70.6	2407.2	1085.9
New York, New York	Bergen, NJ	warm	9	Rensselaer, NY	43.4	41.1	249.2	106.9
New York, New York	Bergen, NJ	warm	9	Rockland, NY	19.2	48.3	751.6	747.7
New York, New York	Bergen, NJ	warm	9	Rutland, VT	22.5	22.1	108.6	29.3
New York, New York	Bergen, NJ	warm	9	Salem, NJ	18.5	44.7	425.9	349.8
New York, New York	Bergen, NJ	warm	9	Saratoga, NY	78.6	69.1	374.3	121.5
New York, New York	Bergen, NJ	warm	9	Schenectady, NY	15.7	16.7	276.7	103.0
New York, New York	Bergen, NJ	warm	9	Schoharie, NY	22.2	21.0	98.4	22.7
New York, New York	Bergen, NJ	warm	9	Schuylkill, PA	32.2	37.4	365.8	425.8
New York, New York	Bergen, NJ	warm	9	Snyder, PA	12.2	51.1	260.9	1658.8
New York, New York	Bergen, NJ	warm	9	Somerset, NJ	26.5	20.0	463.9	33.9
New York, New York	Bergen, NJ	warm	9	Suffolk, NY	108.0	125.9	3231.3	2772.6
New York, New York	Bergen, NJ	warm	9	Sullivan, NY	33.0	30.6	129.6	54.2
New York, New York	Bergen, NJ	warm	9	Sullivan, PA	5.4	6.2	18.1	3.8
New York, New York	Bergen, NJ	warm	9	Susquehanna, PA	15.4	15.5	121.6	19.5
New York, New York	Bergen, NJ	warm	9	Sussex, NJ	43.7	30.2	160.4	39.3
New York, New York	Bergen, NJ	warm	9	Tioga, NY	27.6	28.1	125.0	50.8
New York, New York	Bergen, NJ	warm	9	Tioga, PA	14.5	18.5	118.2	18.7
New York, New York	Bergen, NJ	warm	9	Tolland, CT	32.2	25.0	238.9	54.0
New York, New York	Bergen, NJ	warm	9	Tompkins, NY	36.2	47.8	294.5	302.8
New York, New York	Bergen, NJ	warm	9	Ulster, NY	53.1	55.9	356.1	186.3
New York, New York	Bergen, NJ	warm	9	Union, NJ	35.5	21.5	1178.8	223.9
New York, New York	Bergen, NJ	warm	9	Union, PA	8.5	11.4	117.0	21.1
New York, New York	Bergen, NJ	warm	9	Warren, NJ	34.6	28.3	299.3	33.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Bergen, NJ	warm	9	Washington, NY	46.5	44.6	130.8	69.3
New York, New York	Bergen, NJ	warm	9	Wayne, PA	20.1	18.8	90.2	28.3
New York, New York	Bergen, NJ	warm	9	Westchester, NY	55.7	41.9	1456.2	280.6
New York, New York	Bergen, NJ	warm	9	Windham, VT	21.9	19.3	145.7	81.1
New York, New York	Bergen, NJ	warm	9	Windsor, VT	22.2	20.1	147.0	22.8
New York, New York	Bergen, NJ	warm	9	Worcester, MA	163.8	141.1	1655.4	358.5
New York, New York	Bergen, NJ	warm	9	Wyoming, PA	12.3	13.5	99.6	19.8
New York, New York	Bergen, NJ	warm	9	York, PA	71.6	331.5	1894.9	6977.7
New York, New York	Bronx, NY	cold	13	Albany, NY	32.7	41.5	788.1	826.6
New York, New York	Bronx, NY	cold	13	Atlantic, NJ	44.4	25.6	310.4	31.9
New York, New York	Bronx, NY	cold	13	Bennington, VT	8.8	8.9	47.4	10.9
New York, New York	Bronx, NY	cold	13	Bergen, NJ	37.6	12.9	1011.5	71.8
New York, New York	Bronx, NY	cold	13	Berks, PA	39.1	93.3	767.8	801.2
New York, New York	Bronx, NY	cold	13	Berkshire, MA	34.2	30.1	247.6	76.1
New York, New York	Bronx, NY	cold	13	Bradford, PA	14.5	15.9	99.0	31.6
New York, New York	Bronx, NY	cold	13	Bronx, NY	22.7	20.6	609.7	157.2
New York, New York	Bronx, NY	cold	13	Broome, NY	32.0	48.5	367.3	592.7
New York, New York	Bronx, NY	cold	13	Bucks, PA	37.2	45.1	712.9	167.7
New York, New York	Bronx, NY	cold	13	Burlington, NJ	48.3	31.3	661.0	143.0
New York, New York	Bronx, NY	cold	13	Camden, NJ	25.3	14.3	588.1	78.1
New York, New York	Bronx, NY	cold	13	Cape May, NJ	25.4	40.0	331.7	462.6
New York, New York	Bronx, NY	cold	13	Carbon, PA	13.3	13.4	123.7	60.8
New York, New York	Bronx, NY	cold	13	Cayuga, NY	23.5	30.6	166.3	55.3
New York, New York	Bronx, NY	cold	13	Cecil, MD	18.9	17.3	168.2	55.1
New York, New York	Bronx, NY	cold	13	Chemung, NY	16.8	21.2	145.1	67.3
New York, New York	Bronx, NY	cold	13	Chenango, NY	26.2	24.5	70.3	35.9
New York, New York	Bronx, NY	cold	13	Cheshire, NH	24.6	19.1	108.2	27.7
New York, New York	Bronx, NY	cold	13	Chester, PA	33.9	52.1	700.8	339.2
New York, New York	Bronx, NY	cold	13	Clinton, PA	8.6	7.5	122.5	23.8
New York, New York	Bronx, NY	cold	13	Columbia, NY	17.4	19.7	107.2	39.4
New York, New York	Bronx, NY	cold	13	Columbia, PA	8.6	13.6	112.4	33.6
New York, New York	Bronx, NY	cold	13	Cortland, NY	15.4	16.3	76.1	26.8
New York, New York	Bronx, NY	cold	13	Cumberland, NJ	18.7	17.3	277.1	135.7
New York, New York	Bronx, NY	cold	13	Cumberland, PA	29.6	36.6	613.6	83.9
New York, New York	Bronx, NY	cold	13	Dauphin, PA	22.4	21.8	532.7	103.7
New York, New York	Bronx, NY	cold	13	Delaware, NY	31.0	27.1	95.2	43.7
New York, New York	Bronx, NY	cold	13	Delaware, PA	36.7	52.6	1396.8	864.2
New York, New York	Bronx, NY	cold	13	Dutchess, NY	33.2	37.3	337.7	196.9
New York, New York	Bronx, NY	cold	13	Essex, NJ	27.1	11.0	943.3	197.3
New York, New York	Bronx, NY	cold	13	Fairfield, CT	69.2	54.9	1120.0	404.7
New York, New York	Bronx, NY	cold	13	Franklin, MA	23.3	25.7	166.6	35.8
New York, New York	Bronx, NY	cold	13	Gloucester, NJ	28.7	32.6	539.6	302.1
New York, New York	Bronx, NY	cold	13	Greene, NY	17.5	20.4	237.7	170.0
New York, New York	Bronx, NY	cold	13	Hampden, MA	57.1	54.8	701.1	389.5
New York, New York	Bronx, NY	cold	13	Hampshire, MA	27.4	31.1	184.1	60.6
New York, New York	Bronx, NY	cold	13	Harford, MD	37.3	36.3	310.3	98.0
New York, New York	Bronx, NY	cold	13	Hartford, CT	64.9	47.1	1045.7	225.0
New York, New York	Bronx, NY	cold	13	Herkimer, NY	23.2	22.1	157.9	38.9
New York, New York	Bronx, NY	cold	13	Hudson, NJ	28.5	81.8	1141.5	1159.2
New York, New York	Bronx, NY	cold	13	Hunterdon, NJ	19.3	13.0	164.8	23.6
New York, New York	Bronx, NY	cold	13	Juniata, PA	5.3	6.9	76.7	10.7
New York, New York	Bronx, NY	cold	13	Kent, DE	18.4	21.6	385.8	190.1
New York, New York	Bronx, NY	cold	13	Kent, MD	6.9	11.6	42.5	20.0
New York, New York	Bronx, NY	cold	13	Kings, NY	44.7	41.0	1183.8	351.3
New York, New York	Bronx, NY	cold	13	Lackawanna, PA	14.2	19.2	282.7	54.2
New York, New York	Bronx, NY	cold	13	Lancaster, PA	49.2	83.6	696.1	170.5
New York, New York	Bronx, NY	cold	13	Lebanon, PA	14.4	20.8	249.4	75.5
New York, New York	Bronx, NY	cold	13	Lehigh, PA	21.3	30.9	488.3	159.1
New York, New York	Bronx, NY	cold	13	Litchfield, CT	40.3	29.7	186.8	52.4
New York, New York	Bronx, NY	cold	13	Luzerne, PA	33.2	34.4	441.0	303.8
New York, New York	Bronx, NY	cold	13	Lycoming, PA	13.0	14.9	182.1	46.2
New York, New York	Bronx, NY	cold	13	Madison, NY	20.0	22.1	122.1	35.8
New York, New York	Bronx, NY	cold	13	Mercer, NJ	24.6	40.0	748.9	759.5
New York, New York	Bronx, NY	cold	13	Middlesex, CT	27.2	20.7	294.7	113.9
New York, New York	Bronx, NY	cold	13	Middlesex, NJ	40.4	20.8	1238.4	132.8
New York, New York	Bronx, NY	cold	13	Monmouth, NJ	42.0	20.3	712.0	75.9
New York, New York	Bronx, NY	cold	13	Monroe, PA	25.0	22.7	222.7	43.4
New York, New York	Bronx, NY	cold	13	Montgomery, NY	13.5	16.5	153.0	38.7
New York, New York	Bronx, NY	cold	13	Montgomery, PA	47.5	57.8	989.4	229.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Bronx, NY	cold	13	Montour, PA	17.8	270.4	594.6	5423.4
New York, New York	Bronx, NY	cold	13	Morris, NJ	40.5	22.1	584.7	50.0
New York, New York	Bronx, NY	cold	13	Nassau, NY	46.3	38.5	1353.3	263.3
New York, New York	Bronx, NY	cold	13	New Castle, DE	37.8	50.9	1201.0	2163.2
New York, New York	Bronx, NY	cold	13	New Haven, CT	69.7	46.9	920.9	350.2
New York, New York	Bronx, NY	cold	13	New London, CT	43.2	39.3	473.8	250.7
New York, New York	Bronx, NY	cold	13	New York, NY	79.1	56.4	1559.8	554.4
New York, New York	Bronx, NY	cold	13	Northampton, PA	28.3	158.7	1045.2	2564.0
New York, New York	Bronx, NY	cold	13	Northumberland, PA	13.1	17.0	146.1	63.9
New York, New York	Bronx, NY	cold	13	Ocean, NJ	42.2	22.3	406.6	45.0
New York, New York	Bronx, NY	cold	13	Oneida, NY	45.7	45.9	324.0	130.0
New York, New York	Bronx, NY	cold	13	Onondaga, NY	40.2	47.2	743.4	392.4
New York, New York	Bronx, NY	cold	13	Orange, NY	39.6	64.6	790.9	1399.8
New York, New York	Bronx, NY	cold	13	Otsego, NY	28.1	26.6	98.0	34.0
New York, New York	Bronx, NY	cold	13	Passaic, NJ	20.0	11.5	372.3	31.1
New York, New York	Bronx, NY	cold	13	Perry, PA	9.9	10.4	106.8	18.8
New York, New York	Bronx, NY	cold	13	Philadelphia, PA	53.0	41.0	1644.3	479.4
New York, New York	Bronx, NY	cold	13	Pike, PA	17.8	15.8	99.9	11.3
New York, New York	Bronx, NY	cold	13	Potter, PA	5.6	6.0	82.8	7.8
New York, New York	Bronx, NY	cold	13	Putnam, NY	13.0	13.5	227.9	47.4
New York, New York	Bronx, NY	cold	13	Queens, NY	60.7	50.9	1737.3	783.7
New York, New York	Bronx, NY	cold	13	Rensselaer, NY	31.3	29.6	179.9	77.1
New York, New York	Bronx, NY	cold	13	Rockland, NY	13.9	34.9	542.4	539.6
New York, New York	Bronx, NY	cold	13	Rutland, VT	16.2	16.0	78.4	21.1
New York, New York	Bronx, NY	cold	13	Salem, NJ	13.3	32.3	307.4	252.5
New York, New York	Bronx, NY	cold	13	Saratoga, NY	56.8	49.8	270.1	87.7
New York, New York	Bronx, NY	cold	13	Schenectady, NY	11.3	12.0	199.7	74.3
New York, New York	Bronx, NY	cold	13	Schoharie, NY	16.0	15.1	71.0	16.4
New York, New York	Bronx, NY	cold	13	Schuylkill, PA	23.2	27.0	264.0	307.3
New York, New York	Bronx, NY	cold	13	Snyder, PA	8.8	36.9	188.3	1197.1
New York, New York	Bronx, NY	cold	13	Somerset, NJ	19.1	14.4	334.8	24.5
New York, New York	Bronx, NY	cold	13	Suffolk, NY	77.9	90.8	2332.0	2001.0
New York, New York	Bronx, NY	cold	13	Sullivan, NY	23.8	22.1	93.5	39.1
New York, New York	Bronx, NY	cold	13	Sullivan, PA	3.9	4.5	13.0	2.7
New York, New York	Bronx, NY	cold	13	Susquehanna, PA	11.1	11.2	87.8	14.1
New York, New York	Bronx, NY	cold	13	Sussex, NJ	31.6	21.8	115.7	28.4
New York, New York	Bronx, NY	cold	13	Tioga, NY	19.9	20.3	90.2	36.6
New York, New York	Bronx, NY	cold	13	Tioga, PA	10.4	13.4	85.3	13.5
New York, New York	Bronx, NY	cold	13	Tolland, CT	23.2	18.1	172.4	38.9
New York, New York	Bronx, NY	cold	13	Tompkins, NY	26.2	34.5	212.5	218.5
New York, New York	Bronx, NY	cold	13	Ulster, NY	38.3	40.4	257.0	134.4
New York, New York	Bronx, NY	cold	13	Union, NJ	25.6	15.5	850.8	161.6
New York, New York	Bronx, NY	cold	13	Union, PA	6.1	8.2	84.5	15.2
New York, New York	Bronx, NY	cold	13	Warren, NJ	24.9	20.4	216.0	23.9
New York, New York	Bronx, NY	cold	13	Washington, NY	33.5	32.2	94.4	50.0
New York, New York	Bronx, NY	cold	13	Wayne, PA	14.5	13.6	65.1	20.5
New York, New York	Bronx, NY	cold	13	Westchester, NY	40.2	30.3	1050.9	202.5
New York, New York	Bronx, NY	cold	13	Windham, VT	15.8	13.9	105.2	58.5
New York, New York	Bronx, NY	cold	13	Windsor, VT	16.0	14.5	106.1	16.4
New York, New York	Bronx, NY	cold	13	Worcester, MA	118.2	101.9	1194.7	258.7
New York, New York	Bronx, NY	cold	13	Wyoming, PA	8.9	9.8	71.9	14.3
New York, New York	Bronx, NY	cold	13	York, PA	51.7	239.3	1367.6	5035.8
New York, New York	Bronx, NY	warm	19	Albany, NY	50.4	63.9	1213.3	1272.6
New York, New York	Bronx, NY	warm	19	Atlantic, NJ	68.3	39.4	477.8	49.2
New York, New York	Bronx, NY	warm	19	Bennington, VT	13.5	13.6	72.9	16.8
New York, New York	Bronx, NY	warm	19	Bergen, NJ	57.9	19.8	1557.3	110.6
New York, New York	Bronx, NY	warm	19	Berks, PA	60.3	143.6	1182.1	1233.6
New York, New York	Bronx, NY	warm	19	Berkshire, MA	52.7	46.3	381.2	117.2
New York, New York	Bronx, NY	warm	19	Bradford, PA	22.3	24.5	152.4	48.6
New York, New York	Bronx, NY	warm	19	Bronx, NY	34.9	31.7	938.7	242.0
New York, New York	Bronx, NY	warm	19	Broome, NY	49.2	74.7	565.6	912.4
New York, New York	Bronx, NY	warm	19	Bucks, PA	57.3	69.4	1097.5	258.2
New York, New York	Bronx, NY	warm	19	Burlington, NJ	74.3	48.2	1017.6	220.1
New York, New York	Bronx, NY	warm	19	Camden, NJ	39.0	22.0	905.4	120.2
New York, New York	Bronx, NY	warm	19	Cape May, NJ	39.1	61.5	510.6	712.3
New York, New York	Bronx, NY	warm	19	Carbon, PA	20.4	20.7	190.4	93.6
New York, New York	Bronx, NY	warm	19	Cayuga, NY	36.2	47.1	256.0	85.2
New York, New York	Bronx, NY	warm	19	Cecil, MD	29.1	26.7	258.9	84.8
New York, New York	Bronx, NY	warm	19	Chemung, NY	25.9	32.7	223.4	103.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Bronx, NY	warm	19	Chenango, NY	40.3	37.7	108.2	55.3
New York, New York	Bronx, NY	warm	19	Cheshire, NH	37.8	29.5	166.7	42.6
New York, New York	Bronx, NY	warm	19	Chester, PA	52.2	80.3	1078.9	522.2
New York, New York	Bronx, NY	warm	19	Clinton, PA	13.3	11.6	188.6	36.7
New York, New York	Bronx, NY	warm	19	Columbia, NY	26.8	30.3	165.1	60.7
New York, New York	Bronx, NY	warm	19	Columbia, PA	13.2	21.0	173.0	51.8
New York, New York	Bronx, NY	warm	19	Cortland, NY	23.6	25.1	117.2	41.3
New York, New York	Bronx, NY	warm	19	Cumberland, NJ	28.7	26.7	426.5	208.9
New York, New York	Bronx, NY	warm	19	Cumberland, PA	45.6	56.3	944.7	129.2
New York, New York	Bronx, NY	warm	19	Dauphin, PA	34.5	33.5	820.1	159.7
New York, New York	Bronx, NY	warm	19	Delaware, NY	47.7	41.7	146.5	67.4
New York, New York	Bronx, NY	warm	19	Delaware, PA	56.6	81.0	2150.6	1330.5
New York, New York	Bronx, NY	warm	19	Dutchess, NY	51.2	57.4	519.9	303.1
New York, New York	Bronx, NY	warm	19	Essex, NJ	41.7	16.9	1452.3	303.7
New York, New York	Bronx, NY	warm	19	Fairfield, CT	106.5	84.5	1724.3	623.1
New York, New York	Bronx, NY	warm	19	Franklin, MA	35.8	39.5	256.4	55.1
New York, New York	Bronx, NY	warm	19	Gloucester, NJ	44.3	50.1	830.8	465.1
New York, New York	Bronx, NY	warm	19	Greene, NY	27.0	31.4	366.0	261.8
New York, New York	Bronx, NY	warm	19	Hampden, MA	88.0	84.3	1079.4	599.7
New York, New York	Bronx, NY	warm	19	Hampshire, MA	42.3	47.9	283.4	93.3
New York, New York	Bronx, NY	warm	19	Harford, MD	57.5	55.8	477.7	150.8
New York, New York	Bronx, NY	warm	19	Hartford, CT	99.9	72.5	1609.9	346.5
New York, New York	Bronx, NY	warm	19	Herkimer, NY	35.6	34.0	243.1	59.8
New York, New York	Bronx, NY	warm	19	Hudson, NJ	43.9	126.0	1757.5	1784.7
New York, New York	Bronx, NY	warm	19	Hunterdon, NJ	29.7	20.0	253.7	36.3
New York, New York	Bronx, NY	warm	19	Juniata, PA	8.2	10.6	118.1	16.4
New York, New York	Bronx, NY	warm	19	Kent, DE	28.4	33.2	594.0	292.7
New York, New York	Bronx, NY	warm	19	Kent, MD	10.6	17.9	65.5	30.8
New York, New York	Bronx, NY	warm	19	Kings, NY	68.8	63.1	1822.6	540.8
New York, New York	Bronx, NY	warm	19	Lackawanna, PA	21.8	29.6	435.3	83.4
New York, New York	Bronx, NY	warm	19	Lancaster, PA	75.7	128.7	1071.7	262.5
New York, New York	Bronx, NY	warm	19	Lebanon, PA	22.1	32.0	384.0	116.2
New York, New York	Bronx, NY	warm	19	Lehigh, PA	32.8	47.6	751.8	245.0
New York, New York	Bronx, NY	warm	19	Litchfield, CT	62.0	45.7	287.6	80.6
New York, New York	Bronx, NY	warm	19	Luzerne, PA	51.2	53.0	678.9	467.7
New York, New York	Bronx, NY	warm	19	Lycoming, PA	20.1	22.9	280.4	71.1
New York, New York	Bronx, NY	warm	19	Madison, NY	30.8	34.0	188.0	55.2
New York, New York	Bronx, NY	warm	19	Mercer, NJ	37.9	61.7	1153.0	1169.3
New York, New York	Bronx, NY	warm	19	Middlesex, CT	41.9	31.9	453.6	175.4
New York, New York	Bronx, NY	warm	19	Middlesex, NJ	62.2	32.0	1906.7	204.5
New York, New York	Bronx, NY	warm	19	Monmouth, NJ	64.6	31.2	1096.1	116.9
New York, New York	Bronx, NY	warm	19	Monroe, PA	38.6	34.9	342.8	66.8
New York, New York	Bronx, NY	warm	19	Montgomery, NY	20.8	25.4	235.6	59.6
New York, New York	Bronx, NY	warm	19	Montgomery, PA	73.1	88.9	1523.3	353.7
New York, New York	Bronx, NY	warm	19	Montour, PA	27.5	416.3	915.5	8349.7
New York, New York	Bronx, NY	warm	19	Morris, NJ	62.3	34.0	900.3	76.9
New York, New York	Bronx, NY	warm	19	Nassau, NY	71.3	59.3	2083.4	405.4
New York, New York	Bronx, NY	warm	19	New Castle, DE	58.2	78.3	1849.1	3330.4
New York, New York	Bronx, NY	warm	19	New Haven, CT	107.3	72.2	1417.8	539.2
New York, New York	Bronx, NY	warm	19	New London, CT	66.6	60.5	729.5	386.0
New York, New York	Bronx, NY	warm	19	New York, NY	121.8	86.8	2401.4	853.6
New York, New York	Bronx, NY	warm	19	Northampton, PA	43.5	244.4	1609.2	3947.4
New York, New York	Bronx, NY	warm	19	Northumberland, PA	20.1	26.2	225.0	98.4
New York, New York	Bronx, NY	warm	19	Ocean, NJ	64.9	34.3	626.0	69.3
New York, New York	Bronx, NY	warm	19	Oneida, NY	70.4	70.7	498.8	200.2
New York, New York	Bronx, NY	warm	19	Onondaga, NY	61.8	72.7	1144.5	604.1
New York, New York	Bronx, NY	warm	19	Orange, NY	61.0	99.5	1217.7	2155.1
New York, New York	Bronx, NY	warm	19	Otsego, NY	43.2	40.9	150.9	52.4
New York, New York	Bronx, NY	warm	19	Passaic, NJ	30.8	17.7	573.2	47.9
New York, New York	Bronx, NY	warm	19	Perry, PA	15.2	16.0	164.4	29.0
New York, New York	Bronx, NY	warm	19	Philadelphia, PA	81.6	63.1	2531.6	738.1
New York, New York	Bronx, NY	warm	19	Pike, PA	27.3	24.4	153.8	17.4
New York, New York	Bronx, NY	warm	19	Potter, PA	8.6	9.3	127.5	12.0
New York, New York	Bronx, NY	warm	19	Putnam, NY	20.0	20.7	350.8	73.0
New York, New York	Bronx, NY	warm	19	Queens, NY	93.5	78.4	2674.6	1206.6
New York, New York	Bronx, NY	warm	19	Rensselaer, NY	48.3	45.6	276.9	118.7
New York, New York	Bronx, NY	warm	19	Rockland, NY	21.4	53.7	835.1	830.8
New York, New York	Bronx, NY	warm	19	Rutland, VT	25.0	24.6	120.7	32.5
New York, New York	Bronx, NY	warm	19	Salem, NJ	20.5	49.7	473.2	388.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Bronx, NY	warm	19	Saratoga, NY	87.4	76.7	415.9	135.0
New York, New York	Bronx, NY	warm	19	Schenectady, NY	17.4	18.5	307.5	114.4
New York, New York	Bronx, NY	warm	19	Schoharie, NY	24.7	23.3	109.4	25.3
New York, New York	Bronx, NY	warm	19	Schuylkill, PA	35.8	41.6	406.5	473.1
New York, New York	Bronx, NY	warm	19	Snyder, PA	13.6	56.8	289.8	1843.1
New York, New York	Bronx, NY	warm	19	Somerset, NJ	29.4	22.2	515.4	37.7
New York, New York	Bronx, NY	warm	19	Suffolk, NY	120.0	139.9	3590.3	3080.7
New York, New York	Bronx, NY	warm	19	Sullivan, NY	36.7	34.0	144.0	60.3
New York, New York	Bronx, NY	warm	19	Sullivan, PA	6.1	6.9	20.1	4.2
New York, New York	Bronx, NY	warm	19	Susquehanna, PA	17.1	17.3	135.1	21.7
New York, New York	Bronx, NY	warm	19	Sussex, NJ	48.6	33.5	178.2	43.7
New York, New York	Bronx, NY	warm	19	Tioga, NY	30.7	31.2	138.8	56.4
New York, New York	Bronx, NY	warm	19	Tioga, PA	16.1	20.6	131.3	20.8
New York, New York	Bronx, NY	warm	19	Tolland, CT	35.7	27.8	265.5	60.0
New York, New York	Bronx, NY	warm	19	Tompkins, NY	40.3	53.1	327.2	336.4
New York, New York	Bronx, NY	warm	19	Ulster, NY	59.0	62.1	395.7	207.0
New York, New York	Bronx, NY	warm	19	Union, NJ	39.4	23.9	1309.8	248.8
New York, New York	Bronx, NY	warm	19	Union, PA	9.4	12.7	130.0	23.5
New York, New York	Bronx, NY	warm	19	Warren, NJ	38.4	31.4	332.6	36.8
New York, New York	Bronx, NY	warm	19	Washington, NY	51.6	49.6	145.3	77.0
New York, New York	Bronx, NY	warm	19	Wayne, PA	22.3	20.9	100.2	31.5
New York, New York	Bronx, NY	warm	19	Westchester, NY	61.9	46.6	1618.0	311.8
New York, New York	Bronx, NY	warm	19	Windham, VT	24.3	21.4	161.9	90.1
New York, New York	Bronx, NY	warm	19	Windsor, VT	24.7	22.3	163.4	25.3
New York, New York	Bronx, NY	warm	19	Worcester, MA	182.0	156.8	1839.3	398.3
New York, New York	Bronx, NY	warm	19	Wyoming, PA	13.7	15.0	110.7	22.1
New York, New York	Bronx, NY	warm	19	York, PA	79.6	368.4	2105.5	7753.0
New York, New York	Essex, NJ	cold	5	Albany, NY	18.2	23.1	437.8	459.2
New York, New York	Essex, NJ	cold	5	Atlantic, NJ	24.7	14.2	172.4	17.7
New York, New York	Essex, NJ	cold	5	Bennington, VT	4.9	4.9	26.3	6.1
New York, New York	Essex, NJ	cold	5	Bergen, NJ	20.9	7.1	562.0	39.9
New York, New York	Essex, NJ	cold	5	Berks, PA	21.7	51.8	426.5	445.1
New York, New York	Essex, NJ	cold	5	Berkshire, MA	19.0	16.7	137.6	42.3
New York, New York	Essex, NJ	cold	5	Bradford, PA	8.1	8.8	55.0	17.5
New York, New York	Essex, NJ	cold	5	Bronx, NY	12.6	11.4	338.7	87.3
New York, New York	Essex, NJ	cold	5	Broome, NY	17.8	27.0	204.1	329.3
New York, New York	Essex, NJ	cold	5	Bucks, PA	20.7	25.0	396.0	93.2
New York, New York	Essex, NJ	cold	5	Burlington, NJ	26.8	17.4	367.2	79.4
New York, New York	Essex, NJ	cold	5	Camden, NJ	14.1	7.9	326.7	43.4
New York, New York	Essex, NJ	cold	5	Cape May, NJ	14.1	22.2	184.3	257.0
New York, New York	Essex, NJ	cold	5	Carbon, PA	7.4	7.5	68.7	33.8
New York, New York	Essex, NJ	cold	5	Cayuga, NY	13.1	17.0	92.4	30.7
New York, New York	Essex, NJ	cold	5	Cecil, MD	10.5	9.6	93.4	30.6
New York, New York	Essex, NJ	cold	5	Chemung, NY	9.4	11.8	80.6	37.4
New York, New York	Essex, NJ	cold	5	Chenango, NY	14.6	13.6	39.0	19.9
New York, New York	Essex, NJ	cold	5	Cheshire, NH	13.6	10.6	60.1	15.4
New York, New York	Essex, NJ	cold	5	Chester, PA	18.8	29.0	389.3	188.5
New York, New York	Essex, NJ	cold	5	Clinton, PA	4.8	4.2	68.1	13.2
New York, New York	Essex, NJ	cold	5	Columbia, NY	9.7	10.9	59.6	21.9
New York, New York	Essex, NJ	cold	5	Columbia, PA	4.8	7.6	62.4	18.7
New York, New York	Essex, NJ	cold	5	Cortland, NY	8.5	9.1	42.3	14.9
New York, New York	Essex, NJ	cold	5	Cumberland, NJ	10.4	9.6	153.9	75.4
New York, New York	Essex, NJ	cold	5	Cumberland, PA	16.5	20.3	340.9	46.6
New York, New York	Essex, NJ	cold	5	Dauphin, PA	12.4	12.1	295.9	57.6
New York, New York	Essex, NJ	cold	5	Delaware, NY	17.2	15.0	52.9	24.3
New York, New York	Essex, NJ	cold	5	Delaware, PA	20.4	29.2	776.0	480.1
New York, New York	Essex, NJ	cold	5	Dutchess, NY	18.5	20.7	187.6	109.4
New York, New York	Essex, NJ	cold	5	Essex, NJ	15.0	6.1	524.1	109.6
New York, New York	Essex, NJ	cold	5	Fairfield, CT	38.4	30.5	622.2	224.8
New York, New York	Essex, NJ	cold	5	Franklin, MA	12.9	14.3	92.5	19.9
New York, New York	Essex, NJ	cold	5	Gloucester, NJ	16.0	18.1	299.8	167.8
New York, New York	Essex, NJ	cold	5	Greene, NY	9.7	11.3	132.1	94.5
New York, New York	Essex, NJ	cold	5	Hampden, MA	31.7	30.4	389.5	216.4
New York, New York	Essex, NJ	cold	5	Hampshire, MA	15.2	17.3	102.3	33.7
New York, New York	Essex, NJ	cold	5	Harford, MD	20.7	20.2	172.4	54.4
New York, New York	Essex, NJ	cold	5	Hartford, CT	36.0	26.2	580.9	125.0
New York, New York	Essex, NJ	cold	5	Herkimer, NY	12.9	12.3	87.7	21.6
New York, New York	Essex, NJ	cold	5	Hudson, NJ	15.8	45.5	634.2	644.0
New York, New York	Essex, NJ	cold	5	Hunterdon, NJ	10.7	7.2	91.6	13.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Essex, NJ	cold	5	Juniata, PA	2.9	3.8	42.6	5.9
New York, New York	Essex, NJ	cold	5	Kent, DE	10.2	12.0	214.3	105.6
New York, New York	Essex, NJ	cold	5	Kent, MD	3.8	6.5	23.6	11.1
New York, New York	Essex, NJ	cold	5	Kings, NY	24.8	22.8	657.7	195.1
New York, New York	Essex, NJ	cold	5	Lackawanna, PA	7.9	10.7	157.1	30.1
New York, New York	Essex, NJ	cold	5	Lancaster, PA	27.3	46.4	386.7	94.7
New York, New York	Essex, NJ	cold	5	Lebanon, PA	8.0	11.5	138.6	41.9
New York, New York	Essex, NJ	cold	5	Lehigh, PA	11.8	17.2	271.3	88.4
New York, New York	Essex, NJ	cold	5	Litchfield, CT	22.4	16.5	103.8	29.1
New York, New York	Essex, NJ	cold	5	Luzerne, PA	18.5	19.1	245.0	168.8
New York, New York	Essex, NJ	cold	5	Lycoming, PA	7.2	8.3	101.2	25.7
New York, New York	Essex, NJ	cold	5	Madison, NY	11.1	12.3	67.9	19.9
New York, New York	Essex, NJ	cold	5	Mercer, NJ	13.7	22.2	416.0	422.0
New York, New York	Essex, NJ	cold	5	Middlesex, CT	15.1	11.5	163.7	63.3
New York, New York	Essex, NJ	cold	5	Middlesex, NJ	22.4	11.5	688.0	73.8
New York, New York	Essex, NJ	cold	5	Monmouth, NJ	23.3	11.3	395.5	42.2
New York, New York	Essex, NJ	cold	5	Monroe, PA	13.9	12.6	123.7	24.1
New York, New York	Essex, NJ	cold	5	Montgomery, NY	7.5	9.2	85.0	21.5
New York, New York	Essex, NJ	cold	5	Montgomery, PA	26.4	32.1	549.7	127.6
New York, New York	Essex, NJ	cold	5	Montour, PA	9.9	150.2	330.3	3013.0
New York, New York	Essex, NJ	cold	5	Morris, NJ	22.5	12.3	324.9	27.8
New York, New York	Essex, NJ	cold	5	Nassau, NY	25.7	21.4	751.8	146.3
New York, New York	Essex, NJ	cold	5	New Castle, DE	21.0	28.3	667.2	1201.8
New York, New York	Essex, NJ	cold	5	New Haven, CT	38.7	26.1	511.6	194.6
New York, New York	Essex, NJ	cold	5	New London, CT	24.0	21.8	263.2	139.3
New York, New York	Essex, NJ	cold	5	New York, NY	44.0	31.3	866.6	308.0
New York, New York	Essex, NJ	cold	5	Northampton, PA	15.7	88.2	580.7	1424.4
New York, New York	Essex, NJ	cold	5	Northumberland, PA	7.3	9.4	81.2	35.5
New York, New York	Essex, NJ	cold	5	Ocean, NJ	23.4	12.4	225.9	25.0
New York, New York	Essex, NJ	cold	5	Oneida, NY	25.4	25.5	180.0	72.2
New York, New York	Essex, NJ	cold	5	Onondaga, NY	22.3	26.2	413.0	218.0
New York, New York	Essex, NJ	cold	5	Orange, NY	22.0	35.9	439.4	777.7
New York, New York	Essex, NJ	cold	5	Otsego, NY	15.6	14.8	54.4	18.9
New York, New York	Essex, NJ	cold	5	Passaic, NJ	11.1	6.4	206.8	17.3
New York, New York	Essex, NJ	cold	5	Perry, PA	5.5	5.8	59.3	10.5
New York, New York	Essex, NJ	cold	5	Philadelphia, PA	29.4	22.8	913.5	266.3
New York, New York	Essex, NJ	cold	5	Pike, PA	9.9	8.8	55.5	6.3
New York, New York	Essex, NJ	cold	5	Potter, PA	3.1	3.3	46.0	4.3
New York, New York	Essex, NJ	cold	5	Putnam, NY	7.2	7.5	126.6	26.3
New York, New York	Essex, NJ	cold	5	Queens, NY	33.7	28.3	965.1	435.4
New York, New York	Essex, NJ	cold	5	Rensselaer, NY	17.4	16.5	99.9	42.8
New York, New York	Essex, NJ	cold	5	Rockland, NY	7.7	19.4	301.3	299.8
New York, New York	Essex, NJ	cold	5	Rutland, VT	9.0	8.9	43.5	11.7
New York, New York	Essex, NJ	cold	5	Salem, NJ	7.4	17.9	170.8	140.3
New York, New York	Essex, NJ	cold	5	Saratoga, NY	31.5	27.7	150.1	48.7
New York, New York	Essex, NJ	cold	5	Schenectady, NY	6.3	6.7	111.0	41.3
New York, New York	Essex, NJ	cold	5	Schoharie, NY	8.9	8.4	39.5	9.1
New York, New York	Essex, NJ	cold	5	Schuylkill, PA	12.9	15.0	146.7	170.7
New York, New York	Essex, NJ	cold	5	Snyder, PA	4.9	20.5	104.6	665.1
New York, New York	Essex, NJ	cold	5	Somerset, NJ	10.6	8.0	186.0	13.6
New York, New York	Essex, NJ	cold	5	Suffolk, NY	43.3	50.5	1295.6	1111.7
New York, New York	Essex, NJ	cold	5	Sullivan, NY	13.2	12.3	51.9	21.7
New York, New York	Essex, NJ	cold	5	Sullivan, PA	2.2	2.5	7.2	1.5
New York, New York	Essex, NJ	cold	5	Susquehanna, PA	6.2	6.2	48.8	7.8
New York, New York	Essex, NJ	cold	5	Sussex, NJ	17.5	12.1	64.3	15.8
New York, New York	Essex, NJ	cold	5	Tioga, NY	11.1	11.3	50.1	20.4
New York, New York	Essex, NJ	cold	5	Tioga, PA	5.8	7.4	47.4	7.5
New York, New York	Essex, NJ	cold	5	Tolland, CT	12.9	10.0	95.8	21.6
New York, New York	Essex, NJ	cold	5	Tompkins, NY	14.5	19.2	118.1	121.4
New York, New York	Essex, NJ	cold	5	Ulster, NY	21.3	22.4	142.8	74.7
New York, New York	Essex, NJ	cold	5	Union, NJ	14.2	8.6	472.7	89.8
New York, New York	Essex, NJ	cold	5	Union, PA	3.4	4.6	46.9	8.5
New York, New York	Essex, NJ	cold	5	Warren, NJ	13.9	11.3	120.0	13.3
New York, New York	Essex, NJ	cold	5	Washington, NY	18.6	17.9	52.4	27.8
New York, New York	Essex, NJ	cold	5	Wayne, PA	8.0	7.5	36.2	11.4
New York, New York	Essex, NJ	cold	5	Westchester, NY	22.3	16.8	583.9	112.5
New York, New York	Essex, NJ	cold	5	Windham, VT	8.8	7.7	58.4	32.5
New York, New York	Essex, NJ	cold	5	Windsor, VT	8.9	8.0	59.0	9.1
New York, New York	Essex, NJ	cold	5	Worcester, MA	65.7	56.6	663.7	143.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Essex, NJ	cold	5	Wyoming, PA	4.9	5.4	39.9	8.0
New York, New York	Essex, NJ	cold	5	York, PA	28.7	132.9	759.8	2797.7
New York, New York	Essex, NJ	warm	9	Albany, NY	45.3	57.5	1092.0	1145.4
New York, New York	Essex, NJ	warm	9	Atlantic, NJ	61.5	35.5	430.0	44.2
New York, New York	Essex, NJ	warm	9	Bennington, VT	12.2	12.3	65.6	15.2
New York, New York	Essex, NJ	warm	9	Bergen, NJ	52.1	17.8	1401.6	99.5
New York, New York	Essex, NJ	warm	9	Berks, PA	54.2	129.3	1063.9	1110.2
New York, New York	Essex, NJ	warm	9	Berkshire, MA	47.4	41.7	343.1	105.5
New York, New York	Essex, NJ	warm	9	Bradford, PA	20.1	22.0	137.2	43.7
New York, New York	Essex, NJ	warm	9	Bronx, NY	31.4	28.5	844.8	217.8
New York, New York	Essex, NJ	warm	9	Broome, NY	44.3	67.2	509.0	821.2
New York, New York	Essex, NJ	warm	9	Bucks, PA	51.5	62.5	987.8	232.4
New York, New York	Essex, NJ	warm	9	Burlington, NJ	66.9	43.4	915.9	198.1
New York, New York	Essex, NJ	warm	9	Camden, NJ	35.1	19.8	814.8	108.2
New York, New York	Essex, NJ	warm	9	Cape May, NJ	35.2	55.4	459.5	641.0
New York, New York	Essex, NJ	warm	9	Carbon, PA	18.4	18.6	171.4	84.2
New York, New York	Essex, NJ	warm	9	Cayuga, NY	32.6	42.4	230.4	76.7
New York, New York	Essex, NJ	warm	9	Cecil, MD	26.2	24.0	233.0	76.4
New York, New York	Essex, NJ	warm	9	Chemung, NY	23.3	29.4	201.0	93.2
New York, New York	Essex, NJ	warm	9	Chenango, NY	36.3	33.9	97.4	49.7
New York, New York	Essex, NJ	warm	9	Cheshire, NH	34.0	26.5	150.0	38.4
New York, New York	Essex, NJ	warm	9	Chester, PA	47.0	72.2	971.0	470.0
New York, New York	Essex, NJ	warm	9	Clinton, PA	12.0	10.4	169.7	33.0
New York, New York	Essex, NJ	warm	9	Columbia, NY	24.1	27.2	148.6	54.6
New York, New York	Essex, NJ	warm	9	Columbia, PA	11.9	18.9	155.7	46.6
New York, New York	Essex, NJ	warm	9	Cortland, NY	21.3	22.6	105.4	37.2
New York, New York	Essex, NJ	warm	9	Cumberland, NJ	25.9	24.0	383.9	188.0
New York, New York	Essex, NJ	warm	9	Cumberland, PA	41.1	50.7	850.3	116.2
New York, New York	Essex, NJ	warm	9	Dauphin, PA	31.0	30.2	738.1	143.7
New York, New York	Essex, NJ	warm	9	Delaware, NY	42.9	37.5	131.8	60.6
New York, New York	Essex, NJ	warm	9	Delaware, PA	50.9	72.9	1935.5	1197.4
New York, New York	Essex, NJ	warm	9	Dutchess, NY	46.0	51.7	467.9	272.8
New York, New York	Essex, NJ	warm	9	Essex, NJ	37.5	15.2	1307.1	273.3
New York, New York	Essex, NJ	warm	9	Fairfield, CT	95.9	76.0	1551.9	560.8
New York, New York	Essex, NJ	warm	9	Franklin, MA	32.2	35.6	230.8	49.5
New York, New York	Essex, NJ	warm	9	Gloucester, NJ	39.8	45.1	747.7	418.6
New York, New York	Essex, NJ	warm	9	Greene, NY	24.3	28.3	329.4	235.6
New York, New York	Essex, NJ	warm	9	Hampden, MA	79.2	75.9	971.4	539.8
New York, New York	Essex, NJ	warm	9	Hampshire, MA	38.0	43.1	255.1	84.0
New York, New York	Essex, NJ	warm	9	Harford, MD	51.7	50.3	430.0	135.7
New York, New York	Essex, NJ	warm	9	Hartford, CT	89.9	65.3	1448.9	311.8
New York, New York	Essex, NJ	warm	9	Herkimer, NY	32.1	30.6	218.8	53.8
New York, New York	Essex, NJ	warm	9	Hudson, NJ	39.5	113.4	1581.7	1606.2
New York, New York	Essex, NJ	warm	9	Hunterdon, NJ	26.7	18.0	228.4	32.7
New York, New York	Essex, NJ	warm	9	Juniata, PA	7.3	9.5	106.3	14.8
New York, New York	Essex, NJ	warm	9	Kent, DE	25.6	29.9	534.6	263.4
New York, New York	Essex, NJ	warm	9	Kent, MD	9.5	16.1	58.9	27.7
New York, New York	Essex, NJ	warm	9	Kings, NY	62.0	56.8	1640.4	486.7
New York, New York	Essex, NJ	warm	9	Lackawanna, PA	19.7	26.6	391.8	75.0
New York, New York	Essex, NJ	warm	9	Lancaster, PA	68.2	115.8	964.5	236.3
New York, New York	Essex, NJ	warm	9	Lebanon, PA	19.9	28.8	345.6	104.6
New York, New York	Essex, NJ	warm	9	Lehigh, PA	29.5	42.9	676.6	220.5
New York, New York	Essex, NJ	warm	9	Litchfield, CT	55.8	41.1	258.8	72.6
New York, New York	Essex, NJ	warm	9	Luzerne, PA	46.1	47.7	611.0	421.0
New York, New York	Essex, NJ	warm	9	Lycoming, PA	18.1	20.6	252.3	64.0
New York, New York	Essex, NJ	warm	9	Madison, NY	27.7	30.6	169.2	49.7
New York, New York	Essex, NJ	warm	9	Mercer, NJ	34.1	55.5	1037.7	1052.4
New York, New York	Essex, NJ	warm	9	Middlesex, CT	37.7	28.7	408.3	157.9
New York, New York	Essex, NJ	warm	9	Middlesex, NJ	56.0	28.8	1716.0	184.1
New York, New York	Essex, NJ	warm	9	Monmouth, NJ	58.2	28.1	986.5	105.2
New York, New York	Essex, NJ	warm	9	Monroe, PA	34.7	31.5	308.5	60.1
New York, New York	Essex, NJ	warm	9	Montgomery, NY	18.7	22.8	212.0	53.6
New York, New York	Essex, NJ	warm	9	Montgomery, PA	65.8	80.0	1370.9	318.3
New York, New York	Essex, NJ	warm	9	Montour, PA	24.7	374.7	823.9	7514.7
New York, New York	Essex, NJ	warm	9	Morris, NJ	56.1	30.6	810.2	69.3
New York, New York	Essex, NJ	warm	9	Nassau, NY	64.2	53.4	1875.1	364.9
New York, New York	Essex, NJ	warm	9	New Castle, DE	52.4	70.5	1664.2	2997.4
New York, New York	Essex, NJ	warm	9	New Haven, CT	96.6	65.0	1276.0	485.3
New York, New York	Essex, NJ	warm	9	New London, CT	59.9	54.4	656.6	347.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Essex, NJ	warm	9	New York, NY	109.6	78.1	2161.3	768.2
New York, New York	Essex, NJ	warm	9	Northampton, PA	39.1	219.9	1448.2	3552.7
New York, New York	Essex, NJ	warm	9	Northumberland, PA	18.1	23.5	202.5	88.5
New York, New York	Essex, NJ	warm	9	Ocean, NJ	58.4	30.9	563.4	62.4
New York, New York	Essex, NJ	warm	9	Oneida, NY	63.3	63.7	448.9	180.2
New York, New York	Essex, NJ	warm	9	Onondaga, NY	55.6	65.4	1030.1	543.7
New York, New York	Essex, NJ	warm	9	Orange, NY	54.9	89.6	1095.9	1939.6
New York, New York	Essex, NJ	warm	9	Otsego, NY	38.9	36.8	135.8	47.2
New York, New York	Essex, NJ	warm	9	Passaic, NJ	27.7	15.9	515.9	43.1
New York, New York	Essex, NJ	warm	9	Perry, PA	13.7	14.4	147.9	26.1
New York, New York	Essex, NJ	warm	9	Philadelphia, PA	73.4	56.8	2278.4	664.3
New York, New York	Essex, NJ	warm	9	Pike, PA	24.6	21.9	138.4	15.6
New York, New York	Essex, NJ	warm	9	Potter, PA	7.8	8.3	114.7	10.8
New York, New York	Essex, NJ	warm	9	Putnam, NY	18.0	18.6	315.7	65.7
New York, New York	Essex, NJ	warm	9	Queens, NY	84.1	70.6	2407.2	1085.9
New York, New York	Essex, NJ	warm	9	Rensselaer, NY	43.4	41.1	249.2	106.9
New York, New York	Essex, NJ	warm	9	Rockland, NY	19.2	48.3	751.6	747.7
New York, New York	Essex, NJ	warm	9	Rutland, VT	22.5	22.1	108.6	29.3
New York, New York	Essex, NJ	warm	9	Salem, NJ	18.5	44.7	425.9	349.8
New York, New York	Essex, NJ	warm	9	Saratoga, NY	78.6	69.1	374.3	121.5
New York, New York	Essex, NJ	warm	9	Schenectady, NY	15.7	16.7	276.7	103.0
New York, New York	Essex, NJ	warm	9	Schoharie, NY	22.2	21.0	98.4	22.7
New York, New York	Essex, NJ	warm	9	Schuylkill, PA	32.2	37.4	365.8	425.8
New York, New York	Essex, NJ	warm	9	Snyder, PA	12.2	51.1	260.9	1658.8
New York, New York	Essex, NJ	warm	9	Somerset, NJ	26.5	20.0	463.9	33.9
New York, New York	Essex, NJ	warm	9	Suffolk, NY	108.0	125.9	3231.3	2772.6
New York, New York	Essex, NJ	warm	9	Sullivan, NY	33.0	30.6	129.6	54.2
New York, New York	Essex, NJ	warm	9	Sullivan, PA	5.4	6.2	18.1	3.8
New York, New York	Essex, NJ	warm	9	Susquehanna, PA	15.4	15.5	121.6	19.5
New York, New York	Essex, NJ	warm	9	Sussex, NJ	43.7	30.2	160.4	39.3
New York, New York	Essex, NJ	warm	9	Tioga, NY	27.6	28.1	125.0	50.8
New York, New York	Essex, NJ	warm	9	Tioga, PA	14.5	18.5	118.2	18.7
New York, New York	Essex, NJ	warm	9	Tolland, CT	32.2	25.0	238.9	54.0
New York, New York	Essex, NJ	warm	9	Tompkins, NY	36.2	47.8	294.5	302.8
New York, New York	Essex, NJ	warm	9	Ulster, NY	53.1	55.9	356.1	186.3
New York, New York	Essex, NJ	warm	9	Union, NJ	35.5	21.5	1178.8	223.9
New York, New York	Essex, NJ	warm	9	Union, PA	8.5	11.4	117.0	21.1
New York, New York	Essex, NJ	warm	9	Warren, NJ	34.6	28.3	299.3	33.1
New York, New York	Essex, NJ	warm	9	Washington, NY	46.5	44.6	130.8	69.3
New York, New York	Essex, NJ	warm	9	Wayne, PA	20.1	18.8	90.2	28.3
New York, New York	Essex, NJ	warm	9	Westchester, NY	55.7	41.9	1456.2	280.6
New York, New York	Essex, NJ	warm	9	Windham, VT	21.9	19.3	145.7	81.1
New York, New York	Essex, NJ	warm	9	Windsor, VT	22.2	20.1	147.0	22.8
New York, New York	Essex, NJ	warm	9	Worcester, MA	163.8	141.1	1655.4	358.5
New York, New York	Essex, NJ	warm	9	Wyoming, PA	12.3	13.5	99.6	19.8
New York, New York	Essex, NJ	warm	9	York, PA	71.6	331.5	1894.9	6977.7
New York, New York	Fairfield, CT	cold	3	Albany, NY	10.9	13.8	262.7	275.5
New York, New York	Fairfield, CT	cold	3	Atlantic, NJ	14.8	8.5	103.5	10.6
New York, New York	Fairfield, CT	cold	3	Bennington, VT	2.9	3.0	15.8	3.6
New York, New York	Fairfield, CT	cold	3	Bergen, NJ	12.5	4.3	337.2	23.9
New York, New York	Fairfield, CT	cold	3	Berks, PA	13.0	31.1	255.9	267.1
New York, New York	Fairfield, CT	cold	3	Berkshire, MA	11.4	10.0	82.5	25.4
New York, New York	Fairfield, CT	cold	3	Bradford, PA	4.8	5.3	33.0	10.5
New York, New York	Fairfield, CT	cold	3	Bronx, NY	7.6	6.9	203.2	52.4
New York, New York	Fairfield, CT	cold	3	Broome, NY	10.7	16.2	122.4	197.6
New York, New York	Fairfield, CT	cold	3	Bucks, PA	12.4	15.0	237.6	55.9
New York, New York	Fairfield, CT	cold	3	Burlington, NJ	16.1	10.4	220.3	47.7
New York, New York	Fairfield, CT	cold	3	Camden, NJ	8.4	4.8	196.0	26.0
New York, New York	Fairfield, CT	cold	3	Cape May, NJ	8.5	13.3	110.6	154.2
New York, New York	Fairfield, CT	cold	3	Carbon, PA	4.4	4.5	41.2	20.3
New York, New York	Fairfield, CT	cold	3	Cayuga, NY	7.8	10.2	55.4	18.4
New York, New York	Fairfield, CT	cold	3	Cecil, MD	6.3	5.8	56.1	18.4
New York, New York	Fairfield, CT	cold	3	Chemung, NY	5.6	7.1	48.4	22.4
New York, New York	Fairfield, CT	cold	3	Chenango, NY	8.7	8.2	23.4	12.0
New York, New York	Fairfield, CT	cold	3	Cheshire, NH	8.2	6.4	36.1	9.2
New York, New York	Fairfield, CT	cold	3	Chester, PA	11.3	17.4	233.6	113.1
New York, New York	Fairfield, CT	cold	3	Clinton, PA	2.9	2.5	40.8	7.9
New York, New York	Fairfield, CT	cold	3	Columbia, NY	5.8	6.6	35.7	13.1
New York, New York	Fairfield, CT	cold	3	Columbia, PA	2.9	4.5	37.5	11.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Fairfield, CT	cold	3	Cortland, NY	5.1	5.4	25.4	8.9
New York, New York	Fairfield, CT	cold	3	Cumberland, NJ	6.2	5.8	92.4	45.2
New York, New York	Fairfield, CT	cold	3	Cumberland, PA	9.9	12.2	204.5	28.0
New York, New York	Fairfield, CT	cold	3	Dauphin, PA	7.5	7.3	177.6	34.6
New York, New York	Fairfield, CT	cold	3	Delaware, NY	10.3	9.0	31.7	14.6
New York, New York	Fairfield, CT	cold	3	Delaware, PA	12.2	17.5	465.6	288.1
New York, New York	Fairfield, CT	cold	3	Dutchess, NY	11.1	12.4	112.6	65.6
New York, New York	Fairfield, CT	cold	3	Essex, NJ	9.0	3.7	314.4	65.8
New York, New York	Fairfield, CT	cold	3	Fairfield, CT	23.1	18.3	373.3	134.9
New York, New York	Fairfield, CT	cold	3	Franklin, MA	7.8	8.6	55.5	11.9
New York, New York	Fairfield, CT	cold	3	Gloucester, NJ	9.6	10.9	179.9	100.7
New York, New York	Fairfield, CT	cold	3	Greene, NY	5.8	6.8	79.2	56.7
New York, New York	Fairfield, CT	cold	3	Hampden, MA	19.0	18.3	233.7	129.8
New York, New York	Fairfield, CT	cold	3	Hampshire, MA	9.1	10.4	61.4	20.2
New York, New York	Fairfield, CT	cold	3	Harford, MD	12.4	12.1	103.4	32.7
New York, New York	Fairfield, CT	cold	3	Hartford, CT	21.6	15.7	348.6	75.0
New York, New York	Fairfield, CT	cold	3	Herkimer, NY	7.7	7.4	52.6	13.0
New York, New York	Fairfield, CT	cold	3	Hudson, NJ	9.5	27.3	380.5	386.4
New York, New York	Fairfield, CT	cold	3	Hunterdon, NJ	6.4	4.3	54.9	7.9
New York, New York	Fairfield, CT	cold	3	Juniata, PA	1.8	2.3	25.6	3.6
New York, New York	Fairfield, CT	cold	3	Kent, DE	6.1	7.2	128.6	63.4
New York, New York	Fairfield, CT	cold	3	Kent, MD	2.3	3.9	14.2	6.7
New York, New York	Fairfield, CT	cold	3	Kings, NY	14.9	13.7	394.6	117.1
New York, New York	Fairfield, CT	cold	3	Lackawanna, PA	4.7	6.4	94.2	18.1
New York, New York	Fairfield, CT	cold	3	Lancaster, PA	16.4	27.9	232.0	56.8
New York, New York	Fairfield, CT	cold	3	Lebanon, PA	4.8	6.9	83.1	25.2
New York, New York	Fairfield, CT	cold	3	Lehigh, PA	7.1	10.3	162.8	53.0
New York, New York	Fairfield, CT	cold	3	Litchfield, CT	13.4	9.9	62.3	17.5
New York, New York	Fairfield, CT	cold	3	Luzerne, PA	11.1	11.5	147.0	101.3
New York, New York	Fairfield, CT	cold	3	Lycoming, PA	4.3	5.0	60.7	15.4
New York, New York	Fairfield, CT	cold	3	Madison, NY	6.7	7.4	40.7	11.9
New York, New York	Fairfield, CT	cold	3	Mercer, NJ	8.2	13.3	249.6	253.2
New York, New York	Fairfield, CT	cold	3	Middlesex, CT	9.1	6.9	98.2	38.0
New York, New York	Fairfield, CT	cold	3	Middlesex, NJ	13.5	6.9	412.8	44.3
New York, New York	Fairfield, CT	cold	3	Monmouth, NJ	14.0	6.8	237.3	25.3
New York, New York	Fairfield, CT	cold	3	Monroe, PA	8.3	7.6	74.2	14.5
New York, New York	Fairfield, CT	cold	3	Montgomery, NY	4.5	5.5	51.0	12.9
New York, New York	Fairfield, CT	cold	3	Montgomery, PA	15.8	19.3	329.8	76.6
New York, New York	Fairfield, CT	cold	3	Montour, PA	5.9	90.1	198.2	1807.8
New York, New York	Fairfield, CT	cold	3	Morris, NJ	13.5	7.4	194.9	16.7
New York, New York	Fairfield, CT	cold	3	Nassau, NY	15.4	12.8	451.1	87.8
New York, New York	Fairfield, CT	cold	3	New Castle, DE	12.6	17.0	400.3	721.1
New York, New York	Fairfield, CT	cold	3	New Haven, CT	23.2	15.6	307.0	116.7
New York, New York	Fairfield, CT	cold	3	New London, CT	14.4	13.1	157.9	83.6
New York, New York	Fairfield, CT	cold	3	New York, NY	26.4	18.8	519.9	184.8
New York, New York	Fairfield, CT	cold	3	Northampton, PA	9.4	52.9	348.4	854.7
New York, New York	Fairfield, CT	cold	3	Northumberland, PA	4.4	5.7	48.7	21.3
New York, New York	Fairfield, CT	cold	3	Ocean, NJ	14.1	7.4	135.5	15.0
New York, New York	Fairfield, CT	cold	3	Oneida, NY	15.2	15.3	108.0	43.3
New York, New York	Fairfield, CT	cold	3	Onondaga, NY	13.4	15.7	247.8	130.8
New York, New York	Fairfield, CT	cold	3	Orange, NY	13.2	21.5	263.6	466.6
New York, New York	Fairfield, CT	cold	3	Otsego, NY	9.4	8.9	32.7	11.3
New York, New York	Fairfield, CT	cold	3	Passaic, NJ	6.7	3.8	124.1	10.4
New York, New York	Fairfield, CT	cold	3	Perry, PA	3.3	3.5	35.6	6.3
New York, New York	Fairfield, CT	cold	3	Philadelphia, PA	17.7	13.7	548.1	159.8
New York, New York	Fairfield, CT	cold	3	Pike, PA	5.9	5.3	33.3	3.8
New York, New York	Fairfield, CT	cold	3	Potter, PA	1.9	2.0	27.6	2.6
New York, New York	Fairfield, CT	cold	3	Putnam, NY	4.3	4.5	76.0	15.8
New York, New York	Fairfield, CT	cold	3	Queens, NY	20.2	17.0	579.1	261.2
New York, New York	Fairfield, CT	cold	3	Rensselaer, NY	10.4	9.9	60.0	25.7
New York, New York	Fairfield, CT	cold	3	Rockland, NY	4.6	11.6	180.8	179.9
New York, New York	Fairfield, CT	cold	3	Rutland, VT	5.4	5.3	26.1	7.0
New York, New York	Fairfield, CT	cold	3	Salem, NJ	4.4	10.8	102.5	84.2
New York, New York	Fairfield, CT	cold	3	Saratoga, NY	18.9	16.6	90.0	29.2
New York, New York	Fairfield, CT	cold	3	Schenectady, NY	3.8	4.0	66.6	24.8
New York, New York	Fairfield, CT	cold	3	Schoharie, NY	5.3	5.0	23.7	5.5
New York, New York	Fairfield, CT	cold	3	Schuylkill, PA	7.7	9.0	88.0	102.4
New York, New York	Fairfield, CT	cold	3	Snyder, PA	2.9	12.3	62.8	399.0
New York, New York	Fairfield, CT	cold	3	Somerset, NJ	6.4	4.8	111.6	8.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Fairfield, CT	cold	3	Suffolk, NY	26.0	30.3	777.3	667.0
New York, New York	Fairfield, CT	cold	3	Sullivan, NY	7.9	7.4	31.2	13.0
New York, New York	Fairfield, CT	cold	3	Sullivan, PA	1.3	1.5	4.3	0.9
New York, New York	Fairfield, CT	cold	3	Susquehanna, PA	3.7	3.7	29.3	4.7
New York, New York	Fairfield, CT	cold	3	Sussex, NJ	10.5	7.3	38.6	9.5
New York, New York	Fairfield, CT	cold	3	Tioga, NY	6.6	6.8	30.1	12.2
New York, New York	Fairfield, CT	cold	3	Tioga, PA	3.5	4.5	28.4	4.5
New York, New York	Fairfield, CT	cold	3	Tolland, CT	7.7	6.0	57.5	13.0
New York, New York	Fairfield, CT	cold	3	Tompkins, NY	8.7	11.5	70.8	72.8
New York, New York	Fairfield, CT	cold	3	Ulster, NY	12.8	13.5	85.7	44.8
New York, New York	Fairfield, CT	cold	3	Union, NJ	8.5	5.2	283.6	53.9
New York, New York	Fairfield, CT	cold	3	Union, PA	2.0	2.7	28.2	5.1
New York, New York	Fairfield, CT	cold	3	Warren, NJ	8.3	6.8	72.0	8.0
New York, New York	Fairfield, CT	cold	3	Washington, NY	11.2	10.7	31.5	16.7
New York, New York	Fairfield, CT	cold	3	Wayne, PA	4.8	4.5	21.7	6.8
New York, New York	Fairfield, CT	cold	3	Westchester, NY	13.4	10.1	350.3	67.5
New York, New York	Fairfield, CT	cold	3	Windham, VT	5.3	4.6	35.1	19.5
New York, New York	Fairfield, CT	cold	3	Windsor, VT	5.3	4.8	35.4	5.5
New York, New York	Fairfield, CT	cold	3	Worcester, MA	39.4	34.0	398.2	86.2
New York, New York	Fairfield, CT	cold	3	Wyoming, PA	3.0	3.3	24.0	4.8
New York, New York	Fairfield, CT	cold	3	York, PA	17.2	79.8	455.9	1678.6
New York, New York	Fairfield, CT	warm	10	Albany, NY	50.4	63.9	1213.3	1272.6
New York, New York	Fairfield, CT	warm	10	Atlantic, NJ	68.3	39.4	477.8	49.2
New York, New York	Fairfield, CT	warm	10	Bennington, VT	13.5	13.6	72.9	16.8
New York, New York	Fairfield, CT	warm	10	Bergen, NJ	57.9	19.8	1557.3	110.6
New York, New York	Fairfield, CT	warm	10	Berks, PA	60.3	143.6	1182.1	1233.6
New York, New York	Fairfield, CT	warm	10	Berkshire, MA	52.7	46.3	381.2	117.2
New York, New York	Fairfield, CT	warm	10	Bradford, PA	22.3	24.5	152.4	48.6
New York, New York	Fairfield, CT	warm	10	Bronx, NY	34.9	31.7	938.7	242.0
New York, New York	Fairfield, CT	warm	10	Broome, NY	49.2	74.7	565.6	912.4
New York, New York	Fairfield, CT	warm	10	Bucks, PA	57.3	69.4	1097.5	258.2
New York, New York	Fairfield, CT	warm	10	Burlington, NJ	74.3	48.2	1017.6	220.1
New York, New York	Fairfield, CT	warm	10	Camden, NJ	39.0	22.0	905.4	120.2
New York, New York	Fairfield, CT	warm	10	Cape May, NJ	39.1	61.5	510.6	712.3
New York, New York	Fairfield, CT	warm	10	Carbon, PA	20.4	20.7	190.4	93.6
New York, New York	Fairfield, CT	warm	10	Cayuga, NY	36.2	47.1	256.0	85.2
New York, New York	Fairfield, CT	warm	10	Cecil, MD	29.1	26.7	258.9	84.8
New York, New York	Fairfield, CT	warm	10	Chemung, NY	25.9	32.7	223.4	103.6
New York, New York	Fairfield, CT	warm	10	Chenango, NY	40.3	37.7	108.2	55.3
New York, New York	Fairfield, CT	warm	10	Cheshire, NH	37.8	29.5	166.7	42.6
New York, New York	Fairfield, CT	warm	10	Chester, PA	52.2	80.3	1078.9	522.2
New York, New York	Fairfield, CT	warm	10	Clinton, PA	13.3	11.6	188.6	36.7
New York, New York	Fairfield, CT	warm	10	Columbia, NY	26.8	30.3	165.1	60.7
New York, New York	Fairfield, CT	warm	10	Columbia, PA	13.2	21.0	173.0	51.8
New York, New York	Fairfield, CT	warm	10	Cortland, NY	23.6	25.1	117.2	41.3
New York, New York	Fairfield, CT	warm	10	Cumberland, NJ	28.7	26.7	426.5	208.9
New York, New York	Fairfield, CT	warm	10	Cumberland, PA	45.6	56.3	944.7	129.2
New York, New York	Fairfield, CT	warm	10	Dauphin, PA	34.5	33.5	820.1	159.7
New York, New York	Fairfield, CT	warm	10	Delaware, NY	47.7	41.7	146.5	67.4
New York, New York	Fairfield, CT	warm	10	Delaware, PA	56.6	81.0	2150.6	1330.5
New York, New York	Fairfield, CT	warm	10	Dutchess, NY	51.2	57.4	519.9	303.1
New York, New York	Fairfield, CT	warm	10	Essex, NJ	41.7	16.9	1452.3	303.7
New York, New York	Fairfield, CT	warm	10	Fairfield, CT	106.5	84.5	1724.3	623.1
New York, New York	Fairfield, CT	warm	10	Franklin, MA	35.8	39.5	256.4	55.1
New York, New York	Fairfield, CT	warm	10	Gloucester, NJ	44.3	50.1	830.8	465.1
New York, New York	Fairfield, CT	warm	10	Greene, NY	27.0	31.4	366.0	261.8
New York, New York	Fairfield, CT	warm	10	Hampden, MA	88.0	84.3	1079.4	599.7
New York, New York	Fairfield, CT	warm	10	Hampshire, MA	42.3	47.9	283.4	93.3
New York, New York	Fairfield, CT	warm	10	Harford, MD	57.5	55.8	477.7	150.8
New York, New York	Fairfield, CT	warm	10	Hartford, CT	99.9	72.5	1609.9	346.5
New York, New York	Fairfield, CT	warm	10	Herkimer, NY	35.6	34.0	243.1	59.8
New York, New York	Fairfield, CT	warm	10	Hudson, NJ	43.9	126.0	1757.5	1784.7
New York, New York	Fairfield, CT	warm	10	Hunterdon, NJ	29.7	20.0	253.7	36.3
New York, New York	Fairfield, CT	warm	10	Juniata, PA	8.2	10.6	118.1	16.4
New York, New York	Fairfield, CT	warm	10	Kent, DE	28.4	33.2	594.0	292.7
New York, New York	Fairfield, CT	warm	10	Kent, MD	10.6	17.9	65.5	30.8
New York, New York	Fairfield, CT	warm	10	Kings, NY	68.8	63.1	1822.6	540.8
New York, New York	Fairfield, CT	warm	10	Lackawanna, PA	21.8	29.6	435.3	83.4
New York, New York	Fairfield, CT	warm	10	Lancaster, PA	75.7	128.7	1071.7	262.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Fairfield, CT	warm	10	Lebanon, PA	22.1	32.0	384.0	116.2
New York, New York	Fairfield, CT	warm	10	Lehigh, PA	32.8	47.6	751.8	245.0
New York, New York	Fairfield, CT	warm	10	Litchfield, CT	62.0	45.7	287.6	80.6
New York, New York	Fairfield, CT	warm	10	Luzerne, PA	51.2	53.0	678.9	467.7
New York, New York	Fairfield, CT	warm	10	Lycoming, PA	20.1	22.9	280.4	71.1
New York, New York	Fairfield, CT	warm	10	Madison, NY	30.8	34.0	188.0	55.2
New York, New York	Fairfield, CT	warm	10	Mercer, NJ	37.9	61.7	1153.0	1169.3
New York, New York	Fairfield, CT	warm	10	Middlesex, CT	41.9	31.9	453.6	175.4
New York, New York	Fairfield, CT	warm	10	Middlesex, NJ	62.2	32.0	1906.7	204.5
New York, New York	Fairfield, CT	warm	10	Monmouth, NJ	64.6	31.2	1096.1	116.9
New York, New York	Fairfield, CT	warm	10	Monroe, PA	38.6	34.9	342.8	66.8
New York, New York	Fairfield, CT	warm	10	Montgomery, NY	20.8	25.4	235.6	59.6
New York, New York	Fairfield, CT	warm	10	Montgomery, PA	73.1	88.9	1523.3	353.7
New York, New York	Fairfield, CT	warm	10	Montour, PA	27.5	416.3	915.5	8349.7
New York, New York	Fairfield, CT	warm	10	Morris, NJ	62.3	34.0	900.3	76.9
New York, New York	Fairfield, CT	warm	10	Nassau, NY	71.3	59.3	2083.4	405.4
New York, New York	Fairfield, CT	warm	10	New Castle, DE	58.2	78.3	1849.1	3330.4
New York, New York	Fairfield, CT	warm	10	New Haven, CT	107.3	72.2	1417.8	539.2
New York, New York	Fairfield, CT	warm	10	New London, CT	66.6	60.5	729.5	386.0
New York, New York	Fairfield, CT	warm	10	New York, NY	121.8	86.8	2401.4	853.6
New York, New York	Fairfield, CT	warm	10	Northampton, PA	43.5	244.4	1609.2	3947.4
New York, New York	Fairfield, CT	warm	10	Northumberland, PA	20.1	26.2	225.0	98.4
New York, New York	Fairfield, CT	warm	10	Ocean, NJ	64.9	34.3	626.0	69.3
New York, New York	Fairfield, CT	warm	10	Oneida, NY	70.4	70.7	498.8	200.2
New York, New York	Fairfield, CT	warm	10	Onondaga, NY	61.8	72.7	1144.5	604.1
New York, New York	Fairfield, CT	warm	10	Orange, NY	61.0	99.5	1217.7	2155.1
New York, New York	Fairfield, CT	warm	10	Otsego, NY	43.2	40.9	150.9	52.4
New York, New York	Fairfield, CT	warm	10	Passaic, NJ	30.8	17.7	573.2	47.9
New York, New York	Fairfield, CT	warm	10	Perry, PA	15.2	16.0	164.4	29.0
New York, New York	Fairfield, CT	warm	10	Philadelphia, PA	81.6	63.1	2531.6	738.1
New York, New York	Fairfield, CT	warm	10	Pike, PA	27.3	24.4	153.8	17.4
New York, New York	Fairfield, CT	warm	10	Potter, PA	8.6	9.3	127.5	12.0
New York, New York	Fairfield, CT	warm	10	Putnam, NY	20.0	20.7	350.8	73.0
New York, New York	Fairfield, CT	warm	10	Queens, NY	93.5	78.4	2674.6	1206.6
New York, New York	Fairfield, CT	warm	10	Rensselaer, NY	48.3	45.6	276.9	118.7
New York, New York	Fairfield, CT	warm	10	Rockland, NY	21.4	53.7	835.1	830.8
New York, New York	Fairfield, CT	warm	10	Rutland, VT	25.0	24.6	120.7	32.5
New York, New York	Fairfield, CT	warm	10	Salem, NJ	20.5	49.7	473.2	388.7
New York, New York	Fairfield, CT	warm	10	Saratoga, NY	87.4	76.7	415.9	135.0
New York, New York	Fairfield, CT	warm	10	Schenectady, NY	17.4	18.5	307.5	114.4
New York, New York	Fairfield, CT	warm	10	Schoharie, NY	24.7	23.3	109.4	25.3
New York, New York	Fairfield, CT	warm	10	Schuylkill, PA	35.8	41.6	406.5	473.1
New York, New York	Fairfield, CT	warm	10	Snyder, PA	13.6	56.8	289.8	1843.1
New York, New York	Fairfield, CT	warm	10	Somerset, NJ	29.4	22.2	515.4	37.7
New York, New York	Fairfield, CT	warm	10	Suffolk, NY	120.0	139.9	3590.3	3080.7
New York, New York	Fairfield, CT	warm	10	Sullivan, NY	36.7	34.0	144.0	60.3
New York, New York	Fairfield, CT	warm	10	Sullivan, PA	6.1	6.9	20.1	4.2
New York, New York	Fairfield, CT	warm	10	Susquehanna, PA	17.1	17.3	135.1	21.7
New York, New York	Fairfield, CT	warm	10	Sussex, NJ	48.6	33.5	178.2	43.7
New York, New York	Fairfield, CT	warm	10	Tioga, NY	30.7	31.2	138.8	56.4
New York, New York	Fairfield, CT	warm	10	Tioga, PA	16.1	20.6	131.3	20.8
New York, New York	Fairfield, CT	warm	10	Tolland, CT	35.7	27.8	265.5	60.0
New York, New York	Fairfield, CT	warm	10	Tompkins, NY	40.3	53.1	327.2	336.4
New York, New York	Fairfield, CT	warm	10	Ulster, NY	59.0	62.1	395.7	207.0
New York, New York	Fairfield, CT	warm	10	Union, NJ	39.4	23.9	1309.8	248.8
New York, New York	Fairfield, CT	warm	10	Union, PA	9.4	12.7	130.0	23.5
New York, New York	Fairfield, CT	warm	10	Warren, NJ	38.4	31.4	332.6	36.8
New York, New York	Fairfield, CT	warm	10	Washington, NY	51.6	49.6	145.3	77.0
New York, New York	Fairfield, CT	warm	10	Wayne, PA	22.3	20.9	100.2	31.5
New York, New York	Fairfield, CT	warm	10	Westchester, NY	61.9	46.6	1618.0	311.8
New York, New York	Fairfield, CT	warm	10	Windham, VT	24.3	21.4	161.9	90.1
New York, New York	Fairfield, CT	warm	10	Windsor, VT	24.7	22.3	163.4	25.3
New York, New York	Fairfield, CT	warm	10	Worcester, MA	182.0	156.8	1839.3	398.3
New York, New York	Fairfield, CT	warm	10	Wyoming, PA	13.7	15.0	110.7	22.1
New York, New York	Fairfield, CT	warm	10	York, PA	79.6	368.4	2105.5	7753.0
New York, New York	Hudson, NJ	cold	7	Albany, NY	25.4	32.3	613.0	642.9
New York, New York	Hudson, NJ	cold	7	Atlantic, NJ	34.5	19.9	241.4	24.8
New York, New York	Hudson, NJ	cold	7	Bennington, VT	6.8	6.9	36.8	8.5
New York, New York	Hudson, NJ	cold	7	Bergen, NJ	29.3	10.0	786.7	55.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Hudson, NJ	cold	7	Berks, PA	30.4	72.6	597.2	623.2
New York, New York	Hudson, NJ	cold	7	Berkshire, MA	26.6	23.4	192.6	59.2
New York, New York	Hudson, NJ	cold	7	Bradford, PA	11.3	12.4	77.0	24.5
New York, New York	Hudson, NJ	cold	7	Bronx, NY	17.6	16.0	474.2	122.3
New York, New York	Hudson, NJ	cold	7	Broome, NY	24.9	37.7	285.7	461.0
New York, New York	Hudson, NJ	cold	7	Bucks, PA	28.9	35.1	554.5	130.5
New York, New York	Hudson, NJ	cold	7	Burlington, NJ	37.6	24.3	514.1	111.2
New York, New York	Hudson, NJ	cold	7	Camden, NJ	19.7	11.1	457.4	60.7
New York, New York	Hudson, NJ	cold	7	Cape May, NJ	19.7	31.1	258.0	359.8
New York, New York	Hudson, NJ	cold	7	Carbon, PA	10.3	10.5	96.2	47.3
New York, New York	Hudson, NJ	cold	7	Cayuga, NY	18.3	23.8	129.3	43.0
New York, New York	Hudson, NJ	cold	7	Cecil, MD	14.7	13.5	130.8	42.9
New York, New York	Hudson, NJ	cold	7	Chemung, NY	13.1	16.5	112.8	52.3
New York, New York	Hudson, NJ	cold	7	Chenango, NY	20.4	19.0	54.6	27.9
New York, New York	Hudson, NJ	cold	7	Cheshire, NH	19.1	14.9	84.2	21.5
New York, New York	Hudson, NJ	cold	7	Chester, PA	26.4	40.6	545.0	263.8
New York, New York	Hudson, NJ	cold	7	Clinton, PA	6.7	5.9	95.3	18.5
New York, New York	Hudson, NJ	cold	7	Columbia, NY	13.5	15.3	83.4	30.7
New York, New York	Hudson, NJ	cold	7	Columbia, PA	6.7	10.6	87.4	26.2
New York, New York	Hudson, NJ	cold	7	Cortland, NY	11.9	12.7	59.2	20.9
New York, New York	Hudson, NJ	cold	7	Cumberland, NJ	14.5	13.5	215.5	105.5
New York, New York	Hudson, NJ	cold	7	Cumberland, PA	23.0	28.4	477.3	65.2
New York, New York	Hudson, NJ	cold	7	Dauphin, PA	17.4	16.9	414.3	80.7
New York, New York	Hudson, NJ	cold	7	Delaware, NY	24.1	21.0	74.0	34.0
New York, New York	Hudson, NJ	cold	7	Delaware, PA	28.6	40.9	1086.4	672.1
New York, New York	Hudson, NJ	cold	7	Dutchess, NY	25.8	29.0	262.7	153.1
New York, New York	Hudson, NJ	cold	7	Essex, NJ	21.0	8.5	733.7	153.4
New York, New York	Hudson, NJ	cold	7	Fairfield, CT	53.8	42.7	871.1	314.8
New York, New York	Hudson, NJ	cold	7	Franklin, MA	18.1	20.0	129.5	27.8
New York, New York	Hudson, NJ	cold	7	Gloucester, NJ	22.4	25.3	419.7	234.9
New York, New York	Hudson, NJ	cold	7	Greene, NY	13.6	15.9	184.9	132.2
New York, New York	Hudson, NJ	cold	7	Hampden, MA	44.4	42.6	545.3	303.0
New York, New York	Hudson, NJ	cold	7	Hampshire, MA	21.3	24.2	143.2	47.1
New York, New York	Hudson, NJ	cold	7	Harford, MD	29.0	28.2	241.4	76.2
New York, New York	Hudson, NJ	cold	7	Hartford, CT	50.4	36.6	813.3	175.0
New York, New York	Hudson, NJ	cold	7	Herkimer, NY	18.0	17.2	122.8	30.2
New York, New York	Hudson, NJ	cold	7	Hudson, NJ	22.2	63.6	887.9	901.6
New York, New York	Hudson, NJ	cold	7	Hunterdon, NJ	15.0	10.1	128.2	18.4
New York, New York	Hudson, NJ	cold	7	Juniata, PA	4.1	5.3	59.7	8.3
New York, New York	Hudson, NJ	cold	7	Kent, DE	14.3	16.8	300.1	147.9
New York, New York	Hudson, NJ	cold	7	Kent, MD	5.3	9.1	33.1	15.5
New York, New York	Hudson, NJ	cold	7	Kings, NY	34.8	31.9	920.8	273.2
New York, New York	Hudson, NJ	cold	7	Lackawanna, PA	11.0	15.0	219.9	42.1
New York, New York	Hudson, NJ	cold	7	Lancaster, PA	38.3	65.0	541.4	132.6
New York, New York	Hudson, NJ	cold	7	Lebanon, PA	11.2	16.1	194.0	58.7
New York, New York	Hudson, NJ	cold	7	Lehigh, PA	16.5	24.1	379.8	123.8
New York, New York	Hudson, NJ	cold	7	Litchfield, CT	31.3	23.1	145.3	40.7
New York, New York	Hudson, NJ	cold	7	Luzerne, PA	25.9	26.8	343.0	236.3
New York, New York	Hudson, NJ	cold	7	Lycoming, PA	10.1	11.6	141.6	35.9
New York, New York	Hudson, NJ	cold	7	Madison, NY	15.6	17.2	95.0	27.9
New York, New York	Hudson, NJ	cold	7	Mercer, NJ	19.1	31.1	582.5	590.7
New York, New York	Hudson, NJ	cold	7	Middlesex, CT	21.2	16.1	229.2	88.6
New York, New York	Hudson, NJ	cold	7	Middlesex, NJ	31.4	16.2	963.2	103.3
New York, New York	Hudson, NJ	cold	7	Monmouth, NJ	32.6	15.8	553.7	59.1
New York, New York	Hudson, NJ	cold	7	Monroe, PA	19.5	17.7	173.2	33.7
New York, New York	Hudson, NJ	cold	7	Montgomery, NY	10.5	12.8	119.0	30.1
New York, New York	Hudson, NJ	cold	7	Montgomery, PA	36.9	44.9	769.5	178.7
New York, New York	Hudson, NJ	cold	7	Montour, PA	13.9	210.3	462.5	4218.2
New York, New York	Hudson, NJ	cold	7	Morris, NJ	31.5	17.2	454.8	38.9
New York, New York	Hudson, NJ	cold	7	Nassau, NY	36.0	30.0	1052.5	204.8
New York, New York	Hudson, NJ	cold	7	New Castle, DE	29.4	39.6	934.1	1682.5
New York, New York	Hudson, NJ	cold	7	New Haven, CT	54.2	36.5	716.3	272.4
New York, New York	Hudson, NJ	cold	7	New London, CT	33.6	30.5	368.5	195.0
New York, New York	Hudson, NJ	cold	7	New York, NY	61.5	43.8	1213.2	431.2
New York, New York	Hudson, NJ	cold	7	Northampton, PA	22.0	123.5	812.9	1994.2
New York, New York	Hudson, NJ	cold	7	Northumberland, PA	10.2	13.2	113.7	49.7
New York, New York	Hudson, NJ	cold	7	Ocean, NJ	32.8	17.3	316.3	35.0
New York, New York	Hudson, NJ	cold	7	Oneida, NY	35.5	35.7	252.0	101.1
New York, New York	Hudson, NJ	cold	7	Onondaga, NY	31.2	36.7	578.2	305.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Hudson, NJ	cold	7	Orange, NY	30.8	50.3	615.2	1088.7
New York, New York	Hudson, NJ	cold	7	Otsego, NY	21.8	20.7	76.2	26.5
New York, New York	Hudson, NJ	cold	7	Passaic, NJ	15.6	9.0	289.6	24.2
New York, New York	Hudson, NJ	cold	7	Perry, PA	7.7	8.1	83.0	14.7
New York, New York	Hudson, NJ	cold	7	Philadelphia, PA	41.2	31.9	1278.9	372.9
New York, New York	Hudson, NJ	cold	7	Pike, PA	13.8	12.3	77.7	8.8
New York, New York	Hudson, NJ	cold	7	Potter, PA	4.4	4.7	64.4	6.1
New York, New York	Hudson, NJ	cold	7	Putnam, NY	10.1	10.5	177.2	36.9
New York, New York	Hudson, NJ	cold	7	Queens, NY	47.2	39.6	1351.2	609.5
New York, New York	Hudson, NJ	cold	7	Rensselaer, NY	24.4	23.0	139.9	60.0
New York, New York	Hudson, NJ	cold	7	Rockland, NY	10.8	27.1	421.9	419.7
New York, New York	Hudson, NJ	cold	7	Rutland, VT	12.6	12.4	61.0	16.4
New York, New York	Hudson, NJ	cold	7	Salem, NJ	10.4	25.1	239.1	196.4
New York, New York	Hudson, NJ	cold	7	Saratoga, NY	44.1	38.8	210.1	68.2
New York, New York	Hudson, NJ	cold	7	Schenectady, NY	8.8	9.4	155.3	57.8
New York, New York	Hudson, NJ	cold	7	Schoharie, NY	12.5	11.8	55.2	12.8
New York, New York	Hudson, NJ	cold	7	Schuylkill, PA	18.1	21.0	205.4	239.0
New York, New York	Hudson, NJ	cold	7	Snyder, PA	6.8	28.7	146.4	931.1
New York, New York	Hudson, NJ	cold	7	Somerset, NJ	14.9	11.2	260.4	19.0
New York, New York	Hudson, NJ	cold	7	Suffolk, NY	60.6	70.7	1813.8	1556.3
New York, New York	Hudson, NJ	cold	7	Sullivan, NY	18.5	17.2	72.7	30.4
New York, New York	Hudson, NJ	cold	7	Sullivan, PA	3.1	3.5	10.1	2.1
New York, New York	Hudson, NJ	cold	7	Susquehanna, PA	8.6	8.7	68.3	11.0
New York, New York	Hudson, NJ	cold	7	Sussex, NJ	24.6	16.9	90.0	22.1
New York, New York	Hudson, NJ	cold	7	Tioga, NY	15.5	15.8	70.1	28.5
New York, New York	Hudson, NJ	cold	7	Tioga, PA	8.1	10.4	66.3	10.5
New York, New York	Hudson, NJ	cold	7	Tolland, CT	18.1	14.1	134.1	30.3
New York, New York	Hudson, NJ	cold	7	Tompkins, NY	20.3	26.8	165.3	169.9
New York, New York	Hudson, NJ	cold	7	Ulster, NY	29.8	31.4	199.9	104.6
New York, New York	Hudson, NJ	cold	7	Union, NJ	19.9	12.1	661.7	125.7
New York, New York	Hudson, NJ	cold	7	Union, PA	4.8	6.4	65.7	11.9
New York, New York	Hudson, NJ	cold	7	Warren, NJ	19.4	15.9	168.0	18.6
New York, New York	Hudson, NJ	cold	7	Washington, NY	26.1	25.1	73.4	38.9
New York, New York	Hudson, NJ	cold	7	Wayne, PA	11.3	10.5	50.6	15.9
New York, New York	Hudson, NJ	cold	7	Westchester, NY	31.3	23.5	817.4	157.5
New York, New York	Hudson, NJ	cold	7	Windham, VT	12.3	10.8	81.8	45.5
New York, New York	Hudson, NJ	cold	7	Windsor, VT	12.5	11.3	82.5	12.8
New York, New York	Hudson, NJ	cold	7	Worcester, MA	91.9	79.2	929.2	201.2
New York, New York	Hudson, NJ	cold	7	Wyoming, PA	6.9	7.6	55.9	11.1
New York, New York	Hudson, NJ	cold	7	York, PA	40.2	186.1	1063.7	3916.7
New York, New York	Hudson, NJ	warm	10	Albany, NY	50.4	63.9	1213.3	1272.6
New York, New York	Hudson, NJ	warm	10	Atlantic, NJ	68.3	39.4	477.8	49.2
New York, New York	Hudson, NJ	warm	10	Bennington, VT	13.5	13.6	72.9	16.8
New York, New York	Hudson, NJ	warm	10	Bergen, NJ	57.9	19.8	1557.3	110.6
New York, New York	Hudson, NJ	warm	10	Berks, PA	60.3	143.6	1182.1	1233.6
New York, New York	Hudson, NJ	warm	10	Berkshire, MA	52.7	46.3	381.2	117.2
New York, New York	Hudson, NJ	warm	10	Bradford, PA	22.3	24.5	152.4	48.6
New York, New York	Hudson, NJ	warm	10	Bronx, NY	34.9	31.7	938.7	242.0
New York, New York	Hudson, NJ	warm	10	Broome, NY	49.2	74.7	565.6	912.4
New York, New York	Hudson, NJ	warm	10	Bucks, PA	57.3	69.4	1097.5	258.2
New York, New York	Hudson, NJ	warm	10	Burlington, NJ	74.3	48.2	1017.6	220.1
New York, New York	Hudson, NJ	warm	10	Camden, NJ	39.0	22.0	905.4	120.2
New York, New York	Hudson, NJ	warm	10	Cape May, NJ	39.1	61.5	510.6	712.3
New York, New York	Hudson, NJ	warm	10	Carbon, PA	20.4	20.7	190.4	93.6
New York, New York	Hudson, NJ	warm	10	Cayuga, NY	36.2	47.1	256.0	85.2
New York, New York	Hudson, NJ	warm	10	Cecil, MD	29.1	26.7	258.9	84.8
New York, New York	Hudson, NJ	warm	10	Chemung, NY	25.9	32.7	223.4	103.6
New York, New York	Hudson, NJ	warm	10	Chenango, NY	40.3	37.7	108.2	55.3
New York, New York	Hudson, NJ	warm	10	Cheshire, NH	37.8	29.5	166.7	42.6
New York, New York	Hudson, NJ	warm	10	Chester, PA	52.2	80.3	1078.9	522.2
New York, New York	Hudson, NJ	warm	10	Clinton, PA	13.3	11.6	188.6	36.7
New York, New York	Hudson, NJ	warm	10	Columbia, NY	26.8	30.3	165.1	60.7
New York, New York	Hudson, NJ	warm	10	Columbia, PA	13.2	21.0	173.0	51.8
New York, New York	Hudson, NJ	warm	10	Cortland, NY	23.6	25.1	117.2	41.3
New York, New York	Hudson, NJ	warm	10	Cumberland, NJ	28.7	26.7	426.5	208.9
New York, New York	Hudson, NJ	warm	10	Cumberland, PA	45.6	56.3	944.7	129.2
New York, New York	Hudson, NJ	warm	10	Dauphin, PA	34.5	33.5	820.1	159.7
New York, New York	Hudson, NJ	warm	10	Delaware, NY	47.7	41.7	146.5	67.4
New York, New York	Hudson, NJ	warm	10	Delaware, PA	56.6	81.0	2150.6	1330.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Hudson, NJ	warm	10	Dutchess, NY	51.2	57.4	519.9	303.1
New York, New York	Hudson, NJ	warm	10	Essex, NJ	41.7	16.9	1452.3	303.7
New York, New York	Hudson, NJ	warm	10	Fairfield, CT	106.5	84.5	1724.3	623.1
New York, New York	Hudson, NJ	warm	10	Franklin, MA	35.8	39.5	256.4	55.1
New York, New York	Hudson, NJ	warm	10	Gloucester, NJ	44.3	50.1	830.8	465.1
New York, New York	Hudson, NJ	warm	10	Greene, NY	27.0	31.4	366.0	261.8
New York, New York	Hudson, NJ	warm	10	Hampden, MA	88.0	84.3	1079.4	599.7
New York, New York	Hudson, NJ	warm	10	Hampshire, MA	42.3	47.9	283.4	93.3
New York, New York	Hudson, NJ	warm	10	Harford, MD	57.5	55.8	477.7	150.8
New York, New York	Hudson, NJ	warm	10	Hartford, CT	99.9	72.5	1609.9	346.5
New York, New York	Hudson, NJ	warm	10	Herkimer, NY	35.6	34.0	243.1	59.8
New York, New York	Hudson, NJ	warm	10	Hudson, NJ	43.9	126.0	1757.5	1784.7
New York, New York	Hudson, NJ	warm	10	Hunterdon, NJ	29.7	20.0	253.7	36.3
New York, New York	Hudson, NJ	warm	10	Juniata, PA	8.2	10.6	118.1	16.4
New York, New York	Hudson, NJ	warm	10	Kent, DE	28.4	33.2	594.0	292.7
New York, New York	Hudson, NJ	warm	10	Kent, MD	10.6	17.9	65.5	30.8
New York, New York	Hudson, NJ	warm	10	Kings, NY	68.8	63.1	1822.6	540.8
New York, New York	Hudson, NJ	warm	10	Lackawanna, PA	21.8	29.6	435.3	83.4
New York, New York	Hudson, NJ	warm	10	Lancaster, PA	75.7	128.7	1071.7	262.5
New York, New York	Hudson, NJ	warm	10	Lebanon, PA	22.1	32.0	384.0	116.2
New York, New York	Hudson, NJ	warm	10	Lehigh, PA	32.8	47.6	751.8	245.0
New York, New York	Hudson, NJ	warm	10	Litchfield, CT	62.0	45.7	287.6	80.6
New York, New York	Hudson, NJ	warm	10	Luzerne, PA	51.2	53.0	678.9	467.7
New York, New York	Hudson, NJ	warm	10	Lycoming, PA	20.1	22.9	280.4	71.1
New York, New York	Hudson, NJ	warm	10	Madison, NY	30.8	34.0	188.0	55.2
New York, New York	Hudson, NJ	warm	10	Mercer, NJ	37.9	61.7	1153.0	1169.3
New York, New York	Hudson, NJ	warm	10	Middlesex, CT	41.9	31.9	453.6	175.4
New York, New York	Hudson, NJ	warm	10	Middlesex, NJ	62.2	32.0	1906.7	204.5
New York, New York	Hudson, NJ	warm	10	Monmouth, NJ	64.6	31.2	1096.1	116.9
New York, New York	Hudson, NJ	warm	10	Monroe, PA	38.6	34.9	342.8	66.8
New York, New York	Hudson, NJ	warm	10	Montgomery, NY	20.8	25.4	235.6	59.6
New York, New York	Hudson, NJ	warm	10	Montgomery, PA	73.1	88.9	1523.3	353.7
New York, New York	Hudson, NJ	warm	10	Montour, PA	27.5	416.3	915.5	8349.7
New York, New York	Hudson, NJ	warm	10	Morris, NJ	62.3	34.0	900.3	76.9
New York, New York	Hudson, NJ	warm	10	Nassau, NY	71.3	59.3	2083.4	405.4
New York, New York	Hudson, NJ	warm	10	New Castle, DE	58.2	78.3	1849.1	3330.4
New York, New York	Hudson, NJ	warm	10	New Haven, CT	107.3	72.2	1417.8	539.2
New York, New York	Hudson, NJ	warm	10	New London, CT	66.6	60.5	729.5	386.0
New York, New York	Hudson, NJ	warm	10	New York, NY	121.8	86.8	2401.4	853.6
New York, New York	Hudson, NJ	warm	10	Northampton, PA	43.5	244.4	1609.2	3947.4
New York, New York	Hudson, NJ	warm	10	Northumberland, PA	20.1	26.2	225.0	98.4
New York, New York	Hudson, NJ	warm	10	Ocean, NJ	64.9	34.3	626.0	69.3
New York, New York	Hudson, NJ	warm	10	Oneida, NY	70.4	70.7	498.8	200.2
New York, New York	Hudson, NJ	warm	10	Onondaga, NY	61.8	72.7	1144.5	604.1
New York, New York	Hudson, NJ	warm	10	Orange, NY	61.0	99.5	1217.7	2155.1
New York, New York	Hudson, NJ	warm	10	Otsego, NY	43.2	40.9	150.9	52.4
New York, New York	Hudson, NJ	warm	10	Passaic, NJ	30.8	17.7	573.2	47.9
New York, New York	Hudson, NJ	warm	10	Perry, PA	15.2	16.0	164.4	29.0
New York, New York	Hudson, NJ	warm	10	Philadelphia, PA	81.6	63.1	2531.6	738.1
New York, New York	Hudson, NJ	warm	10	Pike, PA	27.3	24.4	153.8	17.4
New York, New York	Hudson, NJ	warm	10	Potter, PA	8.6	9.3	127.5	12.0
New York, New York	Hudson, NJ	warm	10	Putnam, NY	20.0	20.7	350.8	73.0
New York, New York	Hudson, NJ	warm	10	Queens, NY	93.5	78.4	2674.6	1206.6
New York, New York	Hudson, NJ	warm	10	Rensselaer, NY	48.3	45.6	276.9	118.7
New York, New York	Hudson, NJ	warm	10	Rockland, NY	21.4	53.7	835.1	830.8
New York, New York	Hudson, NJ	warm	10	Rutland, VT	25.0	24.6	120.7	32.5
New York, New York	Hudson, NJ	warm	10	Salem, NJ	20.5	49.7	473.2	388.7
New York, New York	Hudson, NJ	warm	10	Saratoga, NY	87.4	76.7	415.9	135.0
New York, New York	Hudson, NJ	warm	10	Schenectady, NY	17.4	18.5	307.5	114.4
New York, New York	Hudson, NJ	warm	10	Schoharie, NY	24.7	23.3	109.4	25.3
New York, New York	Hudson, NJ	warm	10	Schuylkill, PA	35.8	41.6	406.5	473.1
New York, New York	Hudson, NJ	warm	10	Snyder, PA	13.6	56.8	289.8	1843.1
New York, New York	Hudson, NJ	warm	10	Somerset, NJ	29.4	22.2	515.4	37.7
New York, New York	Hudson, NJ	warm	10	Suffolk, NY	120.0	139.9	3590.3	3080.7
New York, New York	Hudson, NJ	warm	10	Sullivan, NY	36.7	34.0	144.0	60.3
New York, New York	Hudson, NJ	warm	10	Sullivan, PA	6.1	6.9	20.1	4.2
New York, New York	Hudson, NJ	warm	10	Susquehanna, PA	17.1	17.3	135.1	21.7
New York, New York	Hudson, NJ	warm	10	Sussex, NJ	48.6	33.5	178.2	43.7
New York, New York	Hudson, NJ	warm	10	Tioga, NY	30.7	31.2	138.8	56.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Hudson, NJ	warm	10	Tioga, PA	16.1	20.6	131.3	20.8
New York, New York	Hudson, NJ	warm	10	Tolland, CT	35.7	27.8	265.5	60.0
New York, New York	Hudson, NJ	warm	10	Tompkins, NY	40.3	53.1	327.2	336.4
New York, New York	Hudson, NJ	warm	10	Ulster, NY	59.0	62.1	395.7	207.0
New York, New York	Hudson, NJ	warm	10	Union, NJ	39.4	23.9	1309.8	248.8
New York, New York	Hudson, NJ	warm	10	Union, PA	9.4	12.7	130.0	23.5
New York, New York	Hudson, NJ	warm	10	Warren, NJ	38.4	31.4	332.6	36.8
New York, New York	Hudson, NJ	warm	10	Washington, NY	51.6	49.6	145.3	77.0
New York, New York	Hudson, NJ	warm	10	Wayne, PA	22.3	20.9	100.2	31.5
New York, New York	Hudson, NJ	warm	10	Westchester, NY	61.9	46.6	1618.0	311.8
New York, New York	Hudson, NJ	warm	10	Windham, VT	24.3	21.4	161.9	90.1
New York, New York	Hudson, NJ	warm	10	Windsor, VT	24.7	22.3	163.4	25.3
New York, New York	Hudson, NJ	warm	10	Worcester, MA	182.0	156.8	1839.3	398.3
New York, New York	Hudson, NJ	warm	10	Wyoming, PA	13.7	15.0	110.7	22.1
New York, New York	Hudson, NJ	warm	10	York, PA	79.6	368.4	2105.5	7753.0
New York, New York	Kings, NY	cold	3	Albany, NY	10.9	13.8	262.7	275.5
New York, New York	Kings, NY	cold	3	Atlantic, NJ	14.8	8.5	103.5	10.6
New York, New York	Kings, NY	cold	3	Bennington, VT	2.9	3.0	15.8	3.6
New York, New York	Kings, NY	cold	3	Bergen, NJ	12.5	4.3	337.2	23.9
New York, New York	Kings, NY	cold	3	Berks, PA	13.0	31.1	255.9	267.1
New York, New York	Kings, NY	cold	3	Berkshire, MA	11.4	10.0	82.5	25.4
New York, New York	Kings, NY	cold	3	Bradford, PA	4.8	5.3	33.0	10.5
New York, New York	Kings, NY	cold	3	Bronx, NY	7.6	6.9	203.2	52.4
New York, New York	Kings, NY	cold	3	Broome, NY	10.7	16.2	122.4	197.6
New York, New York	Kings, NY	cold	3	Bucks, PA	12.4	15.0	237.6	55.9
New York, New York	Kings, NY	cold	3	Burlington, NJ	16.1	10.4	220.3	47.7
New York, New York	Kings, NY	cold	3	Camden, NJ	8.4	4.8	196.0	26.0
New York, New York	Kings, NY	cold	3	Cape May, NJ	8.5	13.3	110.6	154.2
New York, New York	Kings, NY	cold	3	Carbon, PA	4.4	4.5	41.2	20.3
New York, New York	Kings, NY	cold	3	Cayuga, NY	7.8	10.2	55.4	18.4
New York, New York	Kings, NY	cold	3	Cecil, MD	6.3	5.8	56.1	18.4
New York, New York	Kings, NY	cold	3	Chemung, NY	5.6	7.1	48.4	22.4
New York, New York	Kings, NY	cold	3	Chenango, NY	8.7	8.2	23.4	12.0
New York, New York	Kings, NY	cold	3	Cheshire, NH	8.2	6.4	36.1	9.2
New York, New York	Kings, NY	cold	3	Chester, PA	11.3	17.4	233.6	113.1
New York, New York	Kings, NY	cold	3	Clinton, PA	2.9	2.5	40.8	7.9
New York, New York	Kings, NY	cold	3	Columbia, NY	5.8	6.6	35.7	13.1
New York, New York	Kings, NY	cold	3	Columbia, PA	2.9	4.5	37.5	11.2
New York, New York	Kings, NY	cold	3	Cortland, NY	5.1	5.4	25.4	8.9
New York, New York	Kings, NY	cold	3	Cumberland, NJ	6.2	5.8	92.4	45.2
New York, New York	Kings, NY	cold	3	Cumberland, PA	9.9	12.2	204.5	28.0
New York, New York	Kings, NY	cold	3	Dauphin, PA	7.5	7.3	177.6	34.6
New York, New York	Kings, NY	cold	3	Delaware, NY	10.3	9.0	31.7	14.6
New York, New York	Kings, NY	cold	3	Delaware, PA	12.2	17.5	465.6	288.1
New York, New York	Kings, NY	cold	3	Dutchess, NY	11.1	12.4	112.6	65.6
New York, New York	Kings, NY	cold	3	Essex, NJ	9.0	3.7	314.4	65.8
New York, New York	Kings, NY	cold	3	Fairfield, CT	23.1	18.3	373.3	134.9
New York, New York	Kings, NY	cold	3	Franklin, MA	7.8	8.6	55.5	11.9
New York, New York	Kings, NY	cold	3	Gloucester, NJ	9.6	10.9	179.9	100.7
New York, New York	Kings, NY	cold	3	Greene, NY	5.8	6.8	79.2	56.7
New York, New York	Kings, NY	cold	3	Hampden, MA	19.0	18.3	233.7	129.8
New York, New York	Kings, NY	cold	3	Hampshire, MA	9.1	10.4	61.4	20.2
New York, New York	Kings, NY	cold	3	Harford, MD	12.4	12.1	103.4	32.7
New York, New York	Kings, NY	cold	3	Hartford, CT	21.6	15.7	348.6	75.0
New York, New York	Kings, NY	cold	3	Herkimer, NY	7.7	7.4	52.6	13.0
New York, New York	Kings, NY	cold	3	Hudson, NJ	9.5	27.3	380.5	386.4
New York, New York	Kings, NY	cold	3	Hunterdon, NJ	6.4	4.3	54.9	7.9
New York, New York	Kings, NY	cold	3	Juniata, PA	1.8	2.3	25.6	3.6
New York, New York	Kings, NY	cold	3	Kent, DE	6.1	7.2	128.6	63.4
New York, New York	Kings, NY	cold	3	Kent, MD	2.3	3.9	14.2	6.7
New York, New York	Kings, NY	cold	3	Kings, NY	14.9	13.7	394.6	117.1
New York, New York	Kings, NY	cold	3	Lackawanna, PA	4.7	6.4	94.2	18.1
New York, New York	Kings, NY	cold	3	Lancaster, PA	16.4	27.9	232.0	56.8
New York, New York	Kings, NY	cold	3	Lebanon, PA	4.8	6.9	83.1	25.2
New York, New York	Kings, NY	cold	3	Lehigh, PA	7.1	10.3	162.8	53.0
New York, New York	Kings, NY	cold	3	Litchfield, CT	13.4	9.9	62.3	17.5
New York, New York	Kings, NY	cold	3	Luzerne, PA	11.1	11.5	147.0	101.3
New York, New York	Kings, NY	cold	3	Lycoming, PA	4.3	5.0	60.7	15.4
New York, New York	Kings, NY	cold	3	Madison, NY	6.7	7.4	40.7	11.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Kings, NY	cold	3	Mercer, NJ	8.2	13.3	249.6	253.2
New York, New York	Kings, NY	cold	3	Middlesex, CT	9.1	6.9	98.2	38.0
New York, New York	Kings, NY	cold	3	Middlesex, NJ	13.5	6.9	412.8	44.3
New York, New York	Kings, NY	cold	3	Monmouth, NJ	14.0	6.8	237.3	25.3
New York, New York	Kings, NY	cold	3	Monroe, PA	8.3	7.6	74.2	14.5
New York, New York	Kings, NY	cold	3	Montgomery, NY	4.5	5.5	51.0	12.9
New York, New York	Kings, NY	cold	3	Montgomery, PA	15.8	19.3	329.8	76.6
New York, New York	Kings, NY	cold	3	Montour, PA	5.9	90.1	198.2	1807.8
New York, New York	Kings, NY	cold	3	Morris, NJ	13.5	7.4	194.9	16.7
New York, New York	Kings, NY	cold	3	Nassau, NY	15.4	12.8	451.1	87.8
New York, New York	Kings, NY	cold	3	New Castle, DE	12.6	17.0	400.3	721.1
New York, New York	Kings, NY	cold	3	New Haven, CT	23.2	15.6	307.0	116.7
New York, New York	Kings, NY	cold	3	New London, CT	14.4	13.1	157.9	83.6
New York, New York	Kings, NY	cold	3	New York, NY	26.4	18.8	519.9	184.8
New York, New York	Kings, NY	cold	3	Northampton, PA	9.4	52.9	348.4	854.7
New York, New York	Kings, NY	cold	3	Northumberland, PA	4.4	5.7	48.7	21.3
New York, New York	Kings, NY	cold	3	Ocean, NJ	14.1	7.4	135.5	15.0
New York, New York	Kings, NY	cold	3	Oneida, NY	15.2	15.3	108.0	43.3
New York, New York	Kings, NY	cold	3	Onondaga, NY	13.4	15.7	247.8	130.8
New York, New York	Kings, NY	cold	3	Orange, NY	13.2	21.5	263.6	466.6
New York, New York	Kings, NY	cold	3	Otsego, NY	9.4	8.9	32.7	11.3
New York, New York	Kings, NY	cold	3	Passaic, NJ	6.7	3.8	124.1	10.4
New York, New York	Kings, NY	cold	3	Perry, PA	3.3	3.5	35.6	6.3
New York, New York	Kings, NY	cold	3	Philadelphia, PA	17.7	13.7	548.1	159.8
New York, New York	Kings, NY	cold	3	Pike, PA	5.9	5.3	33.3	3.8
New York, New York	Kings, NY	cold	3	Potter, PA	1.9	2.0	27.6	2.6
New York, New York	Kings, NY	cold	3	Putnam, NY	4.3	4.5	76.0	15.8
New York, New York	Kings, NY	cold	3	Queens, NY	20.2	17.0	579.1	261.2
New York, New York	Kings, NY	cold	3	Rensselaer, NY	10.4	9.9	60.0	25.7
New York, New York	Kings, NY	cold	3	Rockland, NY	4.6	11.6	180.8	179.9
New York, New York	Kings, NY	cold	3	Rutland, VT	5.4	5.3	26.1	7.0
New York, New York	Kings, NY	cold	3	Salem, NJ	4.4	10.8	102.5	84.2
New York, New York	Kings, NY	cold	3	Saratoga, NY	18.9	16.6	90.0	29.2
New York, New York	Kings, NY	cold	3	Schenectady, NY	3.8	4.0	66.6	24.8
New York, New York	Kings, NY	cold	3	Schoharie, NY	5.3	5.0	23.7	5.5
New York, New York	Kings, NY	cold	3	Schuylkill, PA	7.7	9.0	88.0	102.4
New York, New York	Kings, NY	cold	3	Snyder, PA	2.9	12.3	62.8	399.0
New York, New York	Kings, NY	cold	3	Somerset, NJ	6.4	4.8	111.6	8.2
New York, New York	Kings, NY	cold	3	Suffolk, NY	26.0	30.3	777.3	667.0
New York, New York	Kings, NY	cold	3	Sullivan, NY	7.9	7.4	31.2	13.0
New York, New York	Kings, NY	cold	3	Sullivan, PA	1.3	1.5	4.3	0.9
New York, New York	Kings, NY	cold	3	Susquehanna, PA	3.7	3.7	29.3	4.7
New York, New York	Kings, NY	cold	3	Sussex, NJ	10.5	7.3	38.6	9.5
New York, New York	Kings, NY	cold	3	Tioga, NY	6.6	6.8	30.1	12.2
New York, New York	Kings, NY	cold	3	Tioga, PA	3.5	4.5	28.4	4.5
New York, New York	Kings, NY	cold	3	Tolland, CT	7.7	6.0	57.5	13.0
New York, New York	Kings, NY	cold	3	Tompkins, NY	8.7	11.5	70.8	72.8
New York, New York	Kings, NY	cold	3	Ulster, NY	12.8	13.5	85.7	44.8
New York, New York	Kings, NY	cold	3	Union, NJ	8.5	5.2	283.6	53.9
New York, New York	Kings, NY	cold	3	Union, PA	2.0	2.7	28.2	5.1
New York, New York	Kings, NY	cold	3	Warren, NJ	8.3	6.8	72.0	8.0
New York, New York	Kings, NY	cold	3	Washington, NY	11.2	10.7	31.5	16.7
New York, New York	Kings, NY	cold	3	Wayne, PA	4.8	4.5	21.7	6.8
New York, New York	Kings, NY	cold	3	Westchester, NY	13.4	10.1	350.3	67.5
New York, New York	Kings, NY	cold	3	Windham, VT	5.3	4.6	35.1	19.5
New York, New York	Kings, NY	cold	3	Windsor, VT	5.3	4.8	35.4	5.5
New York, New York	Kings, NY	cold	3	Worcester, MA	39.4	34.0	398.2	86.2
New York, New York	Kings, NY	cold	3	Wyoming, PA	3.0	3.3	24.0	4.8
New York, New York	Kings, NY	cold	3	York, PA	17.2	79.8	455.9	1678.6
New York, New York	Kings, NY	warm	10	Albany, NY	50.4	63.9	1213.3	1272.6
New York, New York	Kings, NY	warm	10	Atlantic, NJ	68.3	39.4	477.8	49.2
New York, New York	Kings, NY	warm	10	Bennington, VT	13.5	13.6	72.9	16.8
New York, New York	Kings, NY	warm	10	Bergen, NJ	57.9	19.8	1557.3	110.6
New York, New York	Kings, NY	warm	10	Berks, PA	60.3	143.6	1182.1	1233.6
New York, New York	Kings, NY	warm	10	Berkshire, MA	52.7	46.3	381.2	117.2
New York, New York	Kings, NY	warm	10	Bradford, PA	22.3	24.5	152.4	48.6
New York, New York	Kings, NY	warm	10	Bronx, NY	34.9	31.7	938.7	242.0
New York, New York	Kings, NY	warm	10	Broome, NY	49.2	74.7	565.6	912.4
New York, New York	Kings, NY	warm	10	Bucks, PA	57.3	69.4	1097.5	258.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Kings, NY	warm	10	Burlington, NJ	74.3	48.2	1017.6	220.1
New York, New York	Kings, NY	warm	10	Camden, NJ	39.0	22.0	905.4	120.2
New York, New York	Kings, NY	warm	10	Cape May, NJ	39.1	61.5	510.6	712.3
New York, New York	Kings, NY	warm	10	Carbon, PA	20.4	20.7	190.4	93.6
New York, New York	Kings, NY	warm	10	Cayuga, NY	36.2	47.1	256.0	85.2
New York, New York	Kings, NY	warm	10	Cecil, MD	29.1	26.7	258.9	84.8
New York, New York	Kings, NY	warm	10	Chemung, NY	25.9	32.7	223.4	103.6
New York, New York	Kings, NY	warm	10	Chenango, NY	40.3	37.7	108.2	55.3
New York, New York	Kings, NY	warm	10	Cheshire, NH	37.8	29.5	166.7	42.6
New York, New York	Kings, NY	warm	10	Chester, PA	52.2	80.3	1078.9	522.2
New York, New York	Kings, NY	warm	10	Clinton, PA	13.3	11.6	188.6	36.7
New York, New York	Kings, NY	warm	10	Columbia, NY	26.8	30.3	165.1	60.7
New York, New York	Kings, NY	warm	10	Columbia, PA	13.2	21.0	173.0	51.8
New York, New York	Kings, NY	warm	10	Cortland, NY	23.6	25.1	117.2	41.3
New York, New York	Kings, NY	warm	10	Cumberland, NJ	28.7	26.7	426.5	208.9
New York, New York	Kings, NY	warm	10	Cumberland, PA	45.6	56.3	944.7	129.2
New York, New York	Kings, NY	warm	10	Dauphin, PA	34.5	33.5	820.1	159.7
New York, New York	Kings, NY	warm	10	Delaware, NY	47.7	41.7	146.5	67.4
New York, New York	Kings, NY	warm	10	Delaware, PA	56.6	81.0	2150.6	1330.5
New York, New York	Kings, NY	warm	10	Dutchess, NY	51.2	57.4	519.9	303.1
New York, New York	Kings, NY	warm	10	Essex, NJ	41.7	16.9	1452.3	303.7
New York, New York	Kings, NY	warm	10	Fairfield, CT	106.5	84.5	1724.3	623.1
New York, New York	Kings, NY	warm	10	Franklin, MA	35.8	39.5	256.4	55.1
New York, New York	Kings, NY	warm	10	Gloucester, NJ	44.3	50.1	830.8	465.1
New York, New York	Kings, NY	warm	10	Greene, NY	27.0	31.4	366.0	261.8
New York, New York	Kings, NY	warm	10	Hampden, MA	88.0	84.3	1079.4	599.7
New York, New York	Kings, NY	warm	10	Hampshire, MA	42.3	47.9	283.4	93.3
New York, New York	Kings, NY	warm	10	Harford, MD	57.5	55.8	477.7	150.8
New York, New York	Kings, NY	warm	10	Hartford, CT	99.9	72.5	1609.9	346.5
New York, New York	Kings, NY	warm	10	Herkimer, NY	35.6	34.0	243.1	59.8
New York, New York	Kings, NY	warm	10	Hudson, NJ	43.9	126.0	1757.5	1784.7
New York, New York	Kings, NY	warm	10	Hunterdon, NJ	29.7	20.0	253.7	36.3
New York, New York	Kings, NY	warm	10	Juniata, PA	8.2	10.6	118.1	16.4
New York, New York	Kings, NY	warm	10	Kent, DE	28.4	33.2	594.0	292.7
New York, New York	Kings, NY	warm	10	Kent, MD	10.6	17.9	65.5	30.8
New York, New York	Kings, NY	warm	10	Kings, NY	68.8	63.1	1822.6	540.8
New York, New York	Kings, NY	warm	10	Lackawanna, PA	21.8	29.6	435.3	83.4
New York, New York	Kings, NY	warm	10	Lancaster, PA	75.7	128.7	1071.7	262.5
New York, New York	Kings, NY	warm	10	Lebanon, PA	22.1	32.0	384.0	116.2
New York, New York	Kings, NY	warm	10	Lehigh, PA	32.8	47.6	751.8	245.0
New York, New York	Kings, NY	warm	10	Litchfield, CT	62.0	45.7	287.6	80.6
New York, New York	Kings, NY	warm	10	Luzerne, PA	51.2	53.0	678.9	467.7
New York, New York	Kings, NY	warm	10	Lycoming, PA	20.1	22.9	280.4	71.1
New York, New York	Kings, NY	warm	10	Madison, NY	30.8	34.0	188.0	55.2
New York, New York	Kings, NY	warm	10	Mercer, NJ	37.9	61.7	1153.0	1169.3
New York, New York	Kings, NY	warm	10	Middlesex, CT	41.9	31.9	453.6	175.4
New York, New York	Kings, NY	warm	10	Middlesex, NJ	62.2	32.0	1906.7	204.5
New York, New York	Kings, NY	warm	10	Monmouth, NJ	64.6	31.2	1096.1	116.9
New York, New York	Kings, NY	warm	10	Monroe, PA	38.6	34.9	342.8	66.8
New York, New York	Kings, NY	warm	10	Montgomery, NY	20.8	25.4	235.6	59.6
New York, New York	Kings, NY	warm	10	Montgomery, PA	73.1	88.9	1523.3	353.7
New York, New York	Kings, NY	warm	10	Montour, PA	27.5	416.3	915.5	8349.7
New York, New York	Kings, NY	warm	10	Morris, NJ	62.3	34.0	900.3	76.9
New York, New York	Kings, NY	warm	10	Nassau, NY	71.3	59.3	2083.4	405.4
New York, New York	Kings, NY	warm	10	New Castle, DE	58.2	78.3	1849.1	3330.4
New York, New York	Kings, NY	warm	10	New Haven, CT	107.3	72.2	1417.8	539.2
New York, New York	Kings, NY	warm	10	New London, CT	66.6	60.5	729.5	386.0
New York, New York	Kings, NY	warm	10	New York, NY	121.8	86.8	2401.4	853.6
New York, New York	Kings, NY	warm	10	Northampton, PA	43.5	244.4	1609.2	3947.4
New York, New York	Kings, NY	warm	10	Northumberland, PA	20.1	26.2	225.0	98.4
New York, New York	Kings, NY	warm	10	Ocean, NJ	64.9	34.3	626.0	69.3
New York, New York	Kings, NY	warm	10	Oneida, NY	70.4	70.7	498.8	200.2
New York, New York	Kings, NY	warm	10	Onondaga, NY	61.8	72.7	1144.5	604.1
New York, New York	Kings, NY	warm	10	Orange, NY	61.0	99.5	1217.7	2155.1
New York, New York	Kings, NY	warm	10	Otsego, NY	43.2	40.9	150.9	52.4
New York, New York	Kings, NY	warm	10	Passaic, NJ	30.8	17.7	573.2	47.9
New York, New York	Kings, NY	warm	10	Perry, PA	15.2	16.0	164.4	29.0
New York, New York	Kings, NY	warm	10	Philadelphia, PA	81.6	63.1	2531.6	738.1
New York, New York	Kings, NY	warm	10	Pike, PA	27.3	24.4	153.8	17.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Kings, NY	warm	10	Potter, PA	8.6	9.3	127.5	12.0
New York, New York	Kings, NY	warm	10	Putnam, NY	20.0	20.7	350.8	73.0
New York, New York	Kings, NY	warm	10	Queens, NY	93.5	78.4	2674.6	1206.6
New York, New York	Kings, NY	warm	10	Rensselaer, NY	48.3	45.6	276.9	118.7
New York, New York	Kings, NY	warm	10	Rockland, NY	21.4	53.7	835.1	830.8
New York, New York	Kings, NY	warm	10	Rutland, VT	25.0	24.6	120.7	32.5
New York, New York	Kings, NY	warm	10	Salem, NJ	20.5	49.7	473.2	388.7
New York, New York	Kings, NY	warm	10	Saratoga, NY	87.4	76.7	415.9	135.0
New York, New York	Kings, NY	warm	10	Schenectady, NY	17.4	18.5	307.5	114.4
New York, New York	Kings, NY	warm	10	Schoharie, NY	24.7	23.3	109.4	25.3
New York, New York	Kings, NY	warm	10	Schuylkill, PA	35.8	41.6	406.5	473.1
New York, New York	Kings, NY	warm	10	Snyder, PA	13.6	56.8	289.8	1843.1
New York, New York	Kings, NY	warm	10	Somerset, NJ	29.4	22.2	515.4	37.7
New York, New York	Kings, NY	warm	10	Suffolk, NY	120.0	139.9	3590.3	3080.7
New York, New York	Kings, NY	warm	10	Sullivan, NY	36.7	34.0	144.0	60.3
New York, New York	Kings, NY	warm	10	Sullivan, PA	6.1	6.9	20.1	4.2
New York, New York	Kings, NY	warm	10	Susquehanna, PA	17.1	17.3	135.1	21.7
New York, New York	Kings, NY	warm	10	Sussex, NJ	48.6	33.5	178.2	43.7
New York, New York	Kings, NY	warm	10	Tioga, NY	30.7	31.2	138.8	56.4
New York, New York	Kings, NY	warm	10	Tioga, PA	16.1	20.6	131.3	20.8
New York, New York	Kings, NY	warm	10	Tolland, CT	35.7	27.8	265.5	60.0
New York, New York	Kings, NY	warm	10	Tompkins, NY	40.3	53.1	327.2	336.4
New York, New York	Kings, NY	warm	10	Ulster, NY	59.0	62.1	395.7	207.0
New York, New York	Kings, NY	warm	10	Union, NJ	39.4	23.9	1309.8	248.8
New York, New York	Kings, NY	warm	10	Union, PA	9.4	12.7	130.0	23.5
New York, New York	Kings, NY	warm	10	Warren, NJ	38.4	31.4	332.6	36.8
New York, New York	Kings, NY	warm	10	Washington, NY	51.6	49.6	145.3	77.0
New York, New York	Kings, NY	warm	10	Wayne, PA	22.3	20.9	100.2	31.5
New York, New York	Kings, NY	warm	10	Westchester, NY	61.9	46.6	1618.0	311.8
New York, New York	Kings, NY	warm	10	Windham, VT	24.3	21.4	161.9	90.1
New York, New York	Kings, NY	warm	10	Windsor, VT	24.7	22.3	163.4	25.3
New York, New York	Kings, NY	warm	10	Worcester, MA	182.0	156.8	1839.3	398.3
New York, New York	Kings, NY	warm	10	Wyoming, PA	13.7	15.0	110.7	22.1
New York, New York	Kings, NY	warm	10	York, PA	79.6	368.4	2105.5	7753.0
New York, New York	New Haven, CT	cold	10	Albany, NY	25.4	32.3	613.0	642.9
New York, New York	New Haven, CT	cold	10	Atlantic, NJ	34.5	19.9	241.4	24.8
New York, New York	New Haven, CT	cold	10	Bennington, VT	6.8	6.9	36.8	8.5
New York, New York	New Haven, CT	cold	10	Bergen, NJ	29.3	10.0	786.7	55.9
New York, New York	New Haven, CT	cold	10	Berks, PA	30.4	72.6	597.2	623.2
New York, New York	New Haven, CT	cold	10	Berkshire, MA	26.6	23.4	192.6	59.2
New York, New York	New Haven, CT	cold	10	Bradford, PA	11.3	12.4	77.0	24.5
New York, New York	New Haven, CT	cold	10	Bronx, NY	17.6	16.0	474.2	122.3
New York, New York	New Haven, CT	cold	10	Broome, NY	24.9	37.7	285.7	461.0
New York, New York	New Haven, CT	cold	10	Bucks, PA	28.9	35.1	554.5	130.5
New York, New York	New Haven, CT	cold	10	Burlington, NJ	37.6	24.3	514.1	111.2
New York, New York	New Haven, CT	cold	10	Camden, NJ	19.7	11.1	457.4	60.7
New York, New York	New Haven, CT	cold	10	Cape May, NJ	19.7	31.1	258.0	359.8
New York, New York	New Haven, CT	cold	10	Carbon, PA	10.3	10.5	96.2	47.3
New York, New York	New Haven, CT	cold	10	Cayuga, NY	18.3	23.8	129.3	43.0
New York, New York	New Haven, CT	cold	10	Cecil, MD	14.7	13.5	130.8	42.9
New York, New York	New Haven, CT	cold	10	Chemung, NY	13.1	16.5	112.8	52.3
New York, New York	New Haven, CT	cold	10	Chenango, NY	20.4	19.0	54.6	27.9
New York, New York	New Haven, CT	cold	10	Cheshire, NH	19.1	14.9	84.2	21.5
New York, New York	New Haven, CT	cold	10	Chester, PA	26.4	40.6	545.0	263.8
New York, New York	New Haven, CT	cold	10	Clinton, PA	6.7	5.9	95.3	18.5
New York, New York	New Haven, CT	cold	10	Columbia, NY	13.5	15.3	83.4	30.7
New York, New York	New Haven, CT	cold	10	Columbia, PA	6.7	10.6	87.4	26.2
New York, New York	New Haven, CT	cold	10	Cortland, NY	11.9	12.7	59.2	20.9
New York, New York	New Haven, CT	cold	10	Cumberland, NJ	14.5	13.5	215.5	105.5
New York, New York	New Haven, CT	cold	10	Cumberland, PA	23.0	28.4	477.3	65.2
New York, New York	New Haven, CT	cold	10	Dauphin, PA	17.4	16.9	414.3	80.7
New York, New York	New Haven, CT	cold	10	Delaware, NY	24.1	21.0	74.0	34.0
New York, New York	New Haven, CT	cold	10	Delaware, PA	28.6	40.9	1086.4	672.1
New York, New York	New Haven, CT	cold	10	Dutchess, NY	25.8	29.0	262.7	153.1
New York, New York	New Haven, CT	cold	10	Essex, NJ	21.0	8.5	733.7	153.4
New York, New York	New Haven, CT	cold	10	Fairfield, CT	53.8	42.7	871.1	314.8
New York, New York	New Haven, CT	cold	10	Franklin, MA	18.1	20.0	129.5	27.8
New York, New York	New Haven, CT	cold	10	Gloucester, NJ	22.4	25.3	419.7	234.9
New York, New York	New Haven, CT	cold	10	Greene, NY	13.6	15.9	184.9	132.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	New Haven, CT	cold	10	Hampden, MA	44.4	42.6	545.3	303.0
New York, New York	New Haven, CT	cold	10	Hampshire, MA	21.3	24.2	143.2	47.1
New York, New York	New Haven, CT	cold	10	Harford, MD	29.0	28.2	241.4	76.2
New York, New York	New Haven, CT	cold	10	Hartford, CT	50.4	36.6	813.3	175.0
New York, New York	New Haven, CT	cold	10	Herkimer, NY	18.0	17.2	122.8	30.2
New York, New York	New Haven, CT	cold	10	Hudson, NJ	22.2	63.6	887.9	901.6
New York, New York	New Haven, CT	cold	10	Hunterdon, NJ	15.0	10.1	128.2	18.4
New York, New York	New Haven, CT	cold	10	Juniata, PA	4.1	5.3	59.7	8.3
New York, New York	New Haven, CT	cold	10	Kent, DE	14.3	16.8	300.1	147.9
New York, New York	New Haven, CT	cold	10	Kent, MD	5.3	9.1	33.1	15.5
New York, New York	New Haven, CT	cold	10	Kings, NY	34.8	31.9	920.8	273.2
New York, New York	New Haven, CT	cold	10	Lackawanna, PA	11.0	15.0	219.9	42.1
New York, New York	New Haven, CT	cold	10	Lancaster, PA	38.3	65.0	541.4	132.6
New York, New York	New Haven, CT	cold	10	Lebanon, PA	11.2	16.1	194.0	58.7
New York, New York	New Haven, CT	cold	10	Lehigh, PA	16.5	24.1	379.8	123.8
New York, New York	New Haven, CT	cold	10	Litchfield, CT	31.3	23.1	145.3	40.7
New York, New York	New Haven, CT	cold	10	Luzerne, PA	25.9	26.8	343.0	236.3
New York, New York	New Haven, CT	cold	10	Lycoming, PA	10.1	11.6	141.6	35.9
New York, New York	New Haven, CT	cold	10	Madison, NY	15.6	17.2	95.0	27.9
New York, New York	New Haven, CT	cold	10	Mercer, NJ	19.1	31.1	582.5	590.7
New York, New York	New Haven, CT	cold	10	Middlesex, CT	21.2	16.1	229.2	88.6
New York, New York	New Haven, CT	cold	10	Middlesex, NJ	31.4	16.2	963.2	103.3
New York, New York	New Haven, CT	cold	10	Monmouth, NJ	32.6	15.8	553.7	59.1
New York, New York	New Haven, CT	cold	10	Monroe, PA	19.5	17.7	173.2	33.7
New York, New York	New Haven, CT	cold	10	Montgomery, NY	10.5	12.8	119.0	30.1
New York, New York	New Haven, CT	cold	10	Montgomery, PA	36.9	44.9	769.5	178.7
New York, New York	New Haven, CT	cold	10	Montour, PA	13.9	210.3	462.5	4218.2
New York, New York	New Haven, CT	cold	10	Morris, NJ	31.5	17.2	454.8	38.9
New York, New York	New Haven, CT	cold	10	Nassau, NY	36.0	30.0	1052.5	204.8
New York, New York	New Haven, CT	cold	10	New Castle, DE	29.4	39.6	934.1	1682.5
New York, New York	New Haven, CT	cold	10	New Haven, CT	54.2	36.5	716.3	272.4
New York, New York	New Haven, CT	cold	10	New London, CT	33.6	30.5	368.5	195.0
New York, New York	New Haven, CT	cold	10	New York, NY	61.5	43.8	1213.2	431.2
New York, New York	New Haven, CT	cold	10	Northampton, PA	22.0	123.5	812.9	1994.2
New York, New York	New Haven, CT	cold	10	Northumberland, PA	10.2	13.2	113.7	49.7
New York, New York	New Haven, CT	cold	10	Ocean, NJ	32.8	17.3	316.3	35.0
New York, New York	New Haven, CT	cold	10	Oneida, NY	35.5	35.7	252.0	101.1
New York, New York	New Haven, CT	cold	10	Onondaga, NY	31.2	36.7	578.2	305.2
New York, New York	New Haven, CT	cold	10	Orange, NY	30.8	50.3	615.2	1088.7
New York, New York	New Haven, CT	cold	10	Otsego, NY	21.8	20.7	76.2	26.5
New York, New York	New Haven, CT	cold	10	Passaic, NJ	15.6	9.0	289.6	24.2
New York, New York	New Haven, CT	cold	10	Perry, PA	7.7	8.1	83.0	14.7
New York, New York	New Haven, CT	cold	10	Philadelphia, PA	41.2	31.9	1278.9	372.9
New York, New York	New Haven, CT	cold	10	Pike, PA	13.8	12.3	77.7	8.8
New York, New York	New Haven, CT	cold	10	Potter, PA	4.4	4.7	64.4	6.1
New York, New York	New Haven, CT	cold	10	Putnam, NY	10.1	10.5	177.2	36.9
New York, New York	New Haven, CT	cold	10	Queens, NY	47.2	39.6	1351.2	609.5
New York, New York	New Haven, CT	cold	10	Rensselaer, NY	24.4	23.0	139.9	60.0
New York, New York	New Haven, CT	cold	10	Rockland, NY	10.8	27.1	421.9	419.7
New York, New York	New Haven, CT	cold	10	Rutland, VT	12.6	12.4	61.0	16.4
New York, New York	New Haven, CT	cold	10	Salem, NJ	10.4	25.1	239.1	196.4
New York, New York	New Haven, CT	cold	10	Saratoga, NY	44.1	38.8	210.1	68.2
New York, New York	New Haven, CT	cold	10	Schenectady, NY	8.8	9.4	155.3	57.8
New York, New York	New Haven, CT	cold	10	Schoharie, NY	12.5	11.8	55.2	12.8
New York, New York	New Haven, CT	cold	10	Schuylkill, PA	18.1	21.0	205.4	239.0
New York, New York	New Haven, CT	cold	10	Snyder, PA	6.8	28.7	146.4	931.1
New York, New York	New Haven, CT	cold	10	Somerset, NJ	14.9	11.2	260.4	19.0
New York, New York	New Haven, CT	cold	10	Suffolk, NY	60.6	70.7	1813.8	1556.3
New York, New York	New Haven, CT	cold	10	Sullivan, NY	18.5	17.2	72.7	30.4
New York, New York	New Haven, CT	cold	10	Sullivan, PA	3.1	3.5	10.1	2.1
New York, New York	New Haven, CT	cold	10	Susquehanna, PA	8.6	8.7	68.3	11.0
New York, New York	New Haven, CT	cold	10	Sussex, NJ	24.6	16.9	90.0	22.1
New York, New York	New Haven, CT	cold	10	Tioga, NY	15.5	15.8	70.1	28.5
New York, New York	New Haven, CT	cold	10	Tioga, PA	8.1	10.4	66.3	10.5
New York, New York	New Haven, CT	cold	10	Tolland, CT	18.1	14.1	134.1	30.3
New York, New York	New Haven, CT	cold	10	Tompkins, NY	20.3	26.8	165.3	169.9
New York, New York	New Haven, CT	cold	10	Ulster, NY	29.8	31.4	199.9	104.6
New York, New York	New Haven, CT	cold	10	Union, NJ	19.9	12.1	661.7	125.7
New York, New York	New Haven, CT	cold	10	Union, PA	4.8	6.4	65.7	11.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	New Haven, CT	cold	10	Warren, NJ	19.4	15.9	168.0	18.6
New York, New York	New Haven, CT	cold	10	Washington, NY	26.1	25.1	73.4	38.9
New York, New York	New Haven, CT	cold	10	Wayne, PA	11.3	10.5	50.6	15.9
New York, New York	New Haven, CT	cold	10	Westchester, NY	31.3	23.5	817.4	157.5
New York, New York	New Haven, CT	cold	10	Windham, VT	12.3	10.8	81.8	45.5
New York, New York	New Haven, CT	cold	10	Windsor, VT	12.5	11.3	82.5	12.8
New York, New York	New Haven, CT	cold	10	Worcester, MA	91.9	79.2	929.2	201.2
New York, New York	New Haven, CT	cold	10	Wyoming, PA	6.9	7.6	55.9	11.1
New York, New York	New Haven, CT	cold	10	York, PA	40.2	186.1	1063.7	3916.7
New York, New York	New Haven, CT	warm	19	Albany, NY	50.4	63.9	1213.3	1272.6
New York, New York	New Haven, CT	warm	19	Atlantic, NJ	68.3	39.4	477.8	49.2
New York, New York	New Haven, CT	warm	19	Bennington, VT	13.5	13.6	72.9	16.8
New York, New York	New Haven, CT	warm	19	Bergen, NJ	57.9	19.8	1557.3	110.6
New York, New York	New Haven, CT	warm	19	Berks, PA	60.3	143.6	1182.1	1233.6
New York, New York	New Haven, CT	warm	19	Berkshire, MA	52.7	46.3	381.2	117.2
New York, New York	New Haven, CT	warm	19	Bradford, PA	22.3	24.5	152.4	48.6
New York, New York	New Haven, CT	warm	19	Bronx, NY	34.9	31.7	938.7	242.0
New York, New York	New Haven, CT	warm	19	Broome, NY	49.2	74.7	565.6	912.4
New York, New York	New Haven, CT	warm	19	Bucks, PA	57.3	69.4	1097.5	258.2
New York, New York	New Haven, CT	warm	19	Burlington, NJ	74.3	48.2	1017.6	220.1
New York, New York	New Haven, CT	warm	19	Camden, NJ	39.0	22.0	905.4	120.2
New York, New York	New Haven, CT	warm	19	Cape May, NJ	39.1	61.5	510.6	712.3
New York, New York	New Haven, CT	warm	19	Carbon, PA	20.4	20.7	190.4	93.6
New York, New York	New Haven, CT	warm	19	Cayuga, NY	36.2	47.1	256.0	85.2
New York, New York	New Haven, CT	warm	19	Cecil, MD	29.1	26.7	258.9	84.8
New York, New York	New Haven, CT	warm	19	Chemung, NY	25.9	32.7	223.4	103.6
New York, New York	New Haven, CT	warm	19	Chenango, NY	40.3	37.7	108.2	55.3
New York, New York	New Haven, CT	warm	19	Cheshire, NH	37.8	29.5	166.7	42.6
New York, New York	New Haven, CT	warm	19	Chester, PA	52.2	80.3	1078.9	522.2
New York, New York	New Haven, CT	warm	19	Clinton, PA	13.3	11.6	188.6	36.7
New York, New York	New Haven, CT	warm	19	Columbia, NY	26.8	30.3	165.1	60.7
New York, New York	New Haven, CT	warm	19	Columbia, PA	13.2	21.0	173.0	51.8
New York, New York	New Haven, CT	warm	19	Cortland, NY	23.6	25.1	117.2	41.3
New York, New York	New Haven, CT	warm	19	Cumberland, NJ	28.7	26.7	426.5	208.9
New York, New York	New Haven, CT	warm	19	Cumberland, PA	45.6	56.3	944.7	129.2
New York, New York	New Haven, CT	warm	19	Dauphin, PA	34.5	33.5	820.1	159.7
New York, New York	New Haven, CT	warm	19	Delaware, NY	47.7	41.7	146.5	67.4
New York, New York	New Haven, CT	warm	19	Delaware, PA	56.6	81.0	2150.6	1330.5
New York, New York	New Haven, CT	warm	19	Dutchess, NY	51.2	57.4	519.9	303.1
New York, New York	New Haven, CT	warm	19	Essex, NJ	41.7	16.9	1452.3	303.7
New York, New York	New Haven, CT	warm	19	Fairfield, CT	106.5	84.5	1724.3	623.1
New York, New York	New Haven, CT	warm	19	Franklin, MA	35.8	39.5	256.4	55.1
New York, New York	New Haven, CT	warm	19	Gloucester, NJ	44.3	50.1	830.8	465.1
New York, New York	New Haven, CT	warm	19	Greene, NY	27.0	31.4	366.0	261.8
New York, New York	New Haven, CT	warm	19	Hampden, MA	88.0	84.3	1079.4	599.7
New York, New York	New Haven, CT	warm	19	Hampshire, MA	42.3	47.9	283.4	93.3
New York, New York	New Haven, CT	warm	19	Harford, MD	57.5	55.8	477.7	150.8
New York, New York	New Haven, CT	warm	19	Hartford, CT	99.9	72.5	1609.9	346.5
New York, New York	New Haven, CT	warm	19	Herkimer, NY	35.6	34.0	243.1	59.8
New York, New York	New Haven, CT	warm	19	Hudson, NJ	43.9	126.0	1757.5	1784.7
New York, New York	New Haven, CT	warm	19	Hunterdon, NJ	29.7	20.0	253.7	36.3
New York, New York	New Haven, CT	warm	19	Juniata, PA	8.2	10.6	118.1	16.4
New York, New York	New Haven, CT	warm	19	Kent, DE	28.4	33.2	594.0	292.7
New York, New York	New Haven, CT	warm	19	Kent, MD	10.6	17.9	65.5	30.8
New York, New York	New Haven, CT	warm	19	Kings, NY	68.8	63.1	1822.6	540.8
New York, New York	New Haven, CT	warm	19	Lackawanna, PA	21.8	29.6	435.3	83.4
New York, New York	New Haven, CT	warm	19	Lancaster, PA	75.7	128.7	1071.7	262.5
New York, New York	New Haven, CT	warm	19	Lebanon, PA	22.1	32.0	384.0	116.2
New York, New York	New Haven, CT	warm	19	Lehigh, PA	32.8	47.6	751.8	245.0
New York, New York	New Haven, CT	warm	19	Litchfield, CT	62.0	45.7	287.6	80.6
New York, New York	New Haven, CT	warm	19	Luzerne, PA	51.2	53.0	678.9	467.7
New York, New York	New Haven, CT	warm	19	Lycoming, PA	20.1	22.9	280.4	71.1
New York, New York	New Haven, CT	warm	19	Madison, NY	30.8	34.0	188.0	55.2
New York, New York	New Haven, CT	warm	19	Mercer, NJ	37.9	61.7	1153.0	1169.3
New York, New York	New Haven, CT	warm	19	Middlesex, CT	41.9	31.9	453.6	175.4
New York, New York	New Haven, CT	warm	19	Middlesex, NJ	62.2	32.0	1906.7	204.5
New York, New York	New Haven, CT	warm	19	Monmouth, NJ	64.6	31.2	1096.1	116.9
New York, New York	New Haven, CT	warm	19	Monroe, PA	38.6	34.9	342.8	66.8
New York, New York	New Haven, CT	warm	19	Montgomery, NY	20.8	25.4	235.6	59.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	New Haven, CT	warm	19	Montgomery, PA	73.1	88.9	1523.3	353.7
New York, New York	New Haven, CT	warm	19	Montour, PA	27.5	416.3	915.5	8349.7
New York, New York	New Haven, CT	warm	19	Morris, NJ	62.3	34.0	900.3	76.9
New York, New York	New Haven, CT	warm	19	Nassau, NY	71.3	59.3	2083.4	405.4
New York, New York	New Haven, CT	warm	19	New Castle, DE	58.2	78.3	1849.1	3330.4
New York, New York	New Haven, CT	warm	19	New Haven, CT	107.3	72.2	1417.8	539.2
New York, New York	New Haven, CT	warm	19	New London, CT	66.6	60.5	729.5	386.0
New York, New York	New Haven, CT	warm	19	New York, NY	121.8	86.8	2401.4	853.6
New York, New York	New Haven, CT	warm	19	Northampton, PA	43.5	244.4	1609.2	3947.4
New York, New York	New Haven, CT	warm	19	Northumberland, PA	20.1	26.2	225.0	98.4
New York, New York	New Haven, CT	warm	19	Ocean, NJ	64.9	34.3	626.0	69.3
New York, New York	New Haven, CT	warm	19	Oneida, NY	70.4	70.7	498.8	200.2
New York, New York	New Haven, CT	warm	19	Onondaga, NY	61.8	72.7	1144.5	604.1
New York, New York	New Haven, CT	warm	19	Orange, NY	61.0	99.5	1217.7	2155.1
New York, New York	New Haven, CT	warm	19	Otsego, NY	43.2	40.9	150.9	52.4
New York, New York	New Haven, CT	warm	19	Passaic, NJ	30.8	17.7	573.2	47.9
New York, New York	New Haven, CT	warm	19	Perry, PA	15.2	16.0	164.4	29.0
New York, New York	New Haven, CT	warm	19	Philadelphia, PA	81.6	63.1	2531.6	738.1
New York, New York	New Haven, CT	warm	19	Pike, PA	27.3	24.4	153.8	17.4
New York, New York	New Haven, CT	warm	19	Potter, PA	8.6	9.3	127.5	12.0
New York, New York	New Haven, CT	warm	19	Putnam, NY	20.0	20.7	350.8	73.0
New York, New York	New Haven, CT	warm	19	Queens, NY	93.5	78.4	2674.6	1206.6
New York, New York	New Haven, CT	warm	19	Rensselaer, NY	48.3	45.6	276.9	118.7
New York, New York	New Haven, CT	warm	19	Rockland, NY	21.4	53.7	835.1	830.8
New York, New York	New Haven, CT	warm	19	Rutland, VT	25.0	24.6	120.7	32.5
New York, New York	New Haven, CT	warm	19	Salem, NJ	20.5	49.7	473.2	388.7
New York, New York	New Haven, CT	warm	19	Saratoga, NY	87.4	76.7	415.9	135.0
New York, New York	New Haven, CT	warm	19	Schenectady, NY	17.4	18.5	307.5	114.4
New York, New York	New Haven, CT	warm	19	Schoharie, NY	24.7	23.3	109.4	25.3
New York, New York	New Haven, CT	warm	19	Schuylkill, PA	35.8	41.6	406.5	473.1
New York, New York	New Haven, CT	warm	19	Snyder, PA	13.6	56.8	289.8	1843.1
New York, New York	New Haven, CT	warm	19	Somerset, NJ	29.4	22.2	515.4	37.7
New York, New York	New Haven, CT	warm	19	Suffolk, NY	120.0	139.9	3590.3	3080.7
New York, New York	New Haven, CT	warm	19	Sullivan, NY	36.7	34.0	144.0	60.3
New York, New York	New Haven, CT	warm	19	Sullivan, PA	6.1	6.9	20.1	4.2
New York, New York	New Haven, CT	warm	19	Susquehanna, PA	17.1	17.3	135.1	21.7
New York, New York	New Haven, CT	warm	19	Sussex, NJ	48.6	33.5	178.2	43.7
New York, New York	New Haven, CT	warm	19	Tioga, NY	30.7	31.2	138.8	56.4
New York, New York	New Haven, CT	warm	19	Tioga, PA	16.1	20.6	131.3	20.8
New York, New York	New Haven, CT	warm	19	Tolland, CT	35.7	27.8	265.5	60.0
New York, New York	New Haven, CT	warm	19	Tompkins, NY	40.3	53.1	327.2	336.4
New York, New York	New Haven, CT	warm	19	Ulster, NY	59.0	62.1	395.7	207.0
New York, New York	New Haven, CT	warm	19	Union, NJ	39.4	23.9	1309.8	248.8
New York, New York	New Haven, CT	warm	19	Union, PA	9.4	12.7	130.0	23.5
New York, New York	New Haven, CT	warm	19	Warren, NJ	38.4	31.4	332.6	36.8
New York, New York	New Haven, CT	warm	19	Washington, NY	51.6	49.6	145.3	77.0
New York, New York	New Haven, CT	warm	19	Wayne, PA	22.3	20.9	100.2	31.5
New York, New York	New Haven, CT	warm	19	Westchester, NY	61.9	46.6	1618.0	311.8
New York, New York	New Haven, CT	warm	19	Windham, VT	24.3	21.4	161.9	90.1
New York, New York	New Haven, CT	warm	19	Windsor, VT	24.7	22.3	163.4	25.3
New York, New York	New Haven, CT	warm	19	Worcester, MA	182.0	156.8	1839.3	398.3
New York, New York	New Haven, CT	warm	19	Wyoming, PA	13.7	15.0	110.7	22.1
New York, New York	New Haven, CT	warm	19	York, PA	79.6	368.4	2105.5	7753.0
New York, New York	New York, NY	cold	19	Albany, NY	29.1	36.9	700.5	734.8
New York, New York	New York, NY	cold	19	Atlantic, NJ	39.4	22.8	275.9	28.4
New York, New York	New York, NY	cold	19	Bennington, VT	7.8	7.9	42.1	9.7
New York, New York	New York, NY	cold	19	Bergen, NJ	33.4	11.4	899.1	63.8
New York, New York	New York, NY	cold	19	Berks, PA	34.8	82.9	682.5	712.2
New York, New York	New York, NY	cold	19	Berkshire, MA	30.4	26.7	220.1	67.7
New York, New York	New York, NY	cold	19	Bradford, PA	12.9	14.1	88.0	28.0
New York, New York	New York, NY	cold	19	Bronx, NY	20.2	18.3	542.0	139.7
New York, New York	New York, NY	cold	19	Broome, NY	28.4	43.1	326.5	526.8
New York, New York	New York, NY	cold	19	Bucks, PA	33.1	40.1	633.7	149.1
New York, New York	New York, NY	cold	19	Burlington, NJ	42.9	27.8	587.5	127.1
New York, New York	New York, NY	cold	19	Camden, NJ	22.5	12.7	522.7	69.4
New York, New York	New York, NY	cold	19	Cape May, NJ	22.6	35.5	294.8	411.2
New York, New York	New York, NY	cold	19	Carbon, PA	11.8	11.9	109.9	54.0
New York, New York	New York, NY	cold	19	Cayuga, NY	20.9	27.2	147.8	49.2
New York, New York	New York, NY	cold	19	Cecil, MD	16.8	15.4	149.5	49.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	New York, NY	cold	19	Chemung, NY	15.0	18.9	129.0	59.8
New York, New York	New York, NY	cold	19	Chenango, NY	23.3	21.8	62.5	31.9
New York, New York	New York, NY	cold	19	Cheshire, NH	21.8	17.0	96.2	24.6
New York, New York	New York, NY	cold	19	Chester, PA	30.2	46.3	622.9	301.5
New York, New York	New York, NY	cold	19	Clinton, PA	7.7	6.7	108.9	21.2
New York, New York	New York, NY	cold	19	Columbia, NY	15.5	17.5	95.3	35.1
New York, New York	New York, NY	cold	19	Columbia, PA	7.6	12.1	99.9	29.9
New York, New York	New York, NY	cold	19	Cortland, NY	13.7	14.5	67.6	23.8
New York, New York	New York, NY	cold	19	Cumberland, NJ	16.6	15.4	246.3	120.6
New York, New York	New York, NY	cold	19	Cumberland, PA	26.3	32.5	545.4	74.6
New York, New York	New York, NY	cold	19	Dauphin, PA	19.9	19.4	473.5	92.2
New York, New York	New York, NY	cold	19	Delaware, NY	27.6	24.1	84.6	38.9
New York, New York	New York, NY	cold	19	Delaware, PA	32.7	46.8	1241.6	768.2
New York, New York	New York, NY	cold	19	Dutchess, NY	29.5	33.2	300.2	175.0
New York, New York	New York, NY	cold	19	Essex, NJ	24.1	9.7	838.5	175.3
New York, New York	New York, NY	cold	19	Fairfield, CT	61.5	48.8	995.5	359.7
New York, New York	New York, NY	cold	19	Franklin, MA	20.7	22.8	148.1	31.8
New York, New York	New York, NY	cold	19	Gloucester, NJ	25.6	28.9	479.7	268.5
New York, New York	New York, NY	cold	19	Greene, NY	15.6	18.2	211.3	151.1
New York, New York	New York, NY	cold	19	Hampden, MA	50.8	48.7	623.2	346.3
New York, New York	New York, NY	cold	19	Hampshire, MA	24.4	27.7	163.6	53.9
New York, New York	New York, NY	cold	19	Harford, MD	33.2	32.2	275.8	87.1
New York, New York	New York, NY	cold	19	Hartford, CT	57.7	41.9	929.5	200.0
New York, New York	New York, NY	cold	19	Herkimer, NY	20.6	19.6	140.4	34.5
New York, New York	New York, NY	cold	19	Hudson, NJ	25.3	72.7	1014.7	1030.4
New York, New York	New York, NY	cold	19	Hunterdon, NJ	17.1	11.6	146.5	21.0
New York, New York	New York, NY	cold	19	Juniata, PA	4.7	6.1	68.2	9.5
New York, New York	New York, NY	cold	19	Kent, DE	16.4	19.2	343.0	169.0
New York, New York	New York, NY	cold	19	Kent, MD	6.1	10.3	37.8	17.8
New York, New York	New York, NY	cold	19	Kings, NY	39.7	36.5	1052.3	312.2
New York, New York	New York, NY	cold	19	Lackawanna, PA	12.6	17.1	251.3	48.1
New York, New York	New York, NY	cold	19	Lancaster, PA	43.7	74.3	618.7	151.6
New York, New York	New York, NY	cold	19	Lebanon, PA	12.8	18.5	221.7	67.1
New York, New York	New York, NY	cold	19	Lehigh, PA	18.9	27.5	434.1	141.5
New York, New York	New York, NY	cold	19	Litchfield, CT	35.8	26.4	166.0	46.6
New York, New York	New York, NY	cold	19	Luzerne, PA	29.5	30.6	392.0	270.1
New York, New York	New York, NY	cold	19	Lycoming, PA	11.6	13.2	161.9	41.1
New York, New York	New York, NY	cold	19	Madison, NY	17.8	19.6	108.6	31.9
New York, New York	New York, NY	cold	19	Mercer, NJ	21.9	35.6	665.7	675.1
New York, New York	New York, NY	cold	19	Middlesex, CT	24.2	18.4	261.9	101.3
New York, New York	New York, NY	cold	19	Middlesex, NJ	35.9	18.5	1100.8	118.1
New York, New York	New York, NY	cold	19	Monmouth, NJ	37.3	18.0	632.9	67.5
New York, New York	New York, NY	cold	19	Monroe, PA	22.3	20.2	197.9	38.6
New York, New York	New York, NY	cold	19	Montgomery, NY	12.0	14.7	136.0	34.4
New York, New York	New York, NY	cold	19	Montgomery, PA	42.2	51.3	879.5	204.2
New York, New York	New York, NY	cold	19	Montour, PA	15.9	240.4	528.6	4820.8
New York, New York	New York, NY	cold	19	Morris, NJ	36.0	19.7	519.8	44.4
New York, New York	New York, NY	cold	19	Nassau, NY	41.2	34.2	1202.9	234.1
New York, New York	New York, NY	cold	19	New Castle, DE	33.6	45.2	1067.6	1922.8
New York, New York	New York, NY	cold	19	New Haven, CT	62.0	41.7	818.6	311.3
New York, New York	New York, NY	cold	19	New London, CT	38.4	34.9	421.2	222.9
New York, New York	New York, NY	cold	19	New York, NY	70.3	50.1	1386.5	492.8
New York, New York	New York, NY	cold	19	Northampton, PA	25.1	141.1	929.1	2279.1
New York, New York	New York, NY	cold	19	Northumberland, PA	11.6	15.1	129.9	56.8
New York, New York	New York, NY	cold	19	Ocean, NJ	37.5	19.8	361.4	40.0
New York, New York	New York, NY	cold	19	Oneida, NY	40.6	40.8	288.0	115.6
New York, New York	New York, NY	cold	19	Onondaga, NY	35.7	42.0	660.8	348.8
New York, New York	New York, NY	cold	19	Orange, NY	35.2	57.5	703.1	1244.3
New York, New York	New York, NY	cold	19	Otsego, NY	24.9	23.6	87.1	30.3
New York, New York	New York, NY	cold	19	Passaic, NJ	17.8	10.2	330.9	27.6
New York, New York	New York, NY	cold	19	Perry, PA	8.8	9.3	94.9	16.8
New York, New York	New York, NY	cold	19	Philadelphia, PA	47.1	36.4	1461.6	426.1
New York, New York	New York, NY	cold	19	Pike, PA	15.8	14.1	88.8	10.0
New York, New York	New York, NY	cold	19	Potter, PA	5.0	5.4	73.6	6.9
New York, New York	New York, NY	cold	19	Putnam, NY	11.5	12.0	202.5	42.1
New York, New York	New York, NY	cold	19	Queens, NY	54.0	45.3	1544.2	696.6
New York, New York	New York, NY	cold	19	Rensselaer, NY	27.9	26.3	159.9	68.6
New York, New York	New York, NY	cold	19	Rockland, NY	12.3	31.0	482.2	479.7
New York, New York	New York, NY	cold	19	Rutland, VT	14.4	14.2	69.7	18.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	New York, NY	cold	19	Salem, NJ	11.9	28.7	273.2	224.4
New York, New York	New York, NY	cold	19	Saratoga, NY	50.4	44.3	240.1	78.0
New York, New York	New York, NY	cold	19	Schenectady, NY	10.0	10.7	177.5	66.1
New York, New York	New York, NY	cold	19	Schoharie, NY	14.2	13.4	63.1	14.6
New York, New York	New York, NY	cold	19	Schuylkill, PA	20.7	24.0	234.7	273.2
New York, New York	New York, NY	cold	19	Snyder, PA	7.8	32.8	167.3	1064.1
New York, New York	New York, NY	cold	19	Somerset, NJ	17.0	12.8	297.6	21.8
New York, New York	New York, NY	cold	19	Suffolk, NY	69.3	80.7	2072.9	1778.6
New York, New York	New York, NY	cold	19	Sullivan, NY	21.2	19.6	83.1	34.8
New York, New York	New York, NY	cold	19	Sullivan, PA	3.5	4.0	11.6	2.4
New York, New York	New York, NY	cold	19	Susquehanna, PA	9.9	10.0	78.0	12.5
New York, New York	New York, NY	cold	19	Sussex, NJ	28.1	19.3	102.9	25.2
New York, New York	New York, NY	cold	19	Tioga, NY	17.7	18.0	80.2	32.6
New York, New York	New York, NY	cold	19	Tioga, PA	9.3	11.9	75.8	12.0
New York, New York	New York, NY	cold	19	Tolland, CT	20.6	16.1	153.3	34.6
New York, New York	New York, NY	cold	19	Tompkins, NY	23.2	30.7	188.9	194.2
New York, New York	New York, NY	cold	19	Ulster, NY	34.1	35.9	228.4	119.5
New York, New York	New York, NY	cold	19	Union, NJ	22.8	13.8	756.2	143.6
New York, New York	New York, NY	cold	19	Union, PA	5.4	7.3	75.1	13.6
New York, New York	New York, NY	cold	19	Warren, NJ	22.2	18.1	192.0	21.3
New York, New York	New York, NY	cold	19	Washington, NY	29.8	28.6	83.9	44.5
New York, New York	New York, NY	cold	19	Wayne, PA	12.9	12.0	57.9	18.2
New York, New York	New York, NY	cold	19	Westchester, NY	35.7	26.9	934.2	180.0
New York, New York	New York, NY	cold	19	Windham, VT	14.1	12.4	93.5	52.0
New York, New York	New York, NY	cold	19	Windsor, VT	14.3	12.9	94.3	14.6
New York, New York	New York, NY	cold	19	Worcester, MA	105.1	90.5	1061.9	230.0
New York, New York	New York, NY	cold	19	Wyoming, PA	7.9	8.7	63.9	12.7
New York, New York	New York, NY	cold	19	York, PA	45.9	212.7	1215.6	4476.3
New York, New York	New York, NY	warm	43	Albany, NY	65.5	83.1	1577.3	1654.4
New York, New York	New York, NY	warm	43	Atlantic, NJ	88.8	51.2	621.2	63.9
New York, New York	New York, NY	warm	43	Bennington, VT	17.6	17.7	94.8	21.9
New York, New York	New York, NY	warm	43	Bergen, NJ	75.3	25.7	2024.5	143.7
New York, New York	New York, NY	warm	43	Berks, PA	78.4	186.7	1536.7	1603.6
New York, New York	New York, NY	warm	43	Berkshire, MA	68.5	60.2	495.6	152.3
New York, New York	New York, NY	warm	43	Bradford, PA	29.0	31.8	198.2	63.1
New York, New York	New York, NY	warm	43	Bronx, NY	45.4	41.2	1220.3	314.6
New York, New York	New York, NY	warm	43	Broome, NY	64.0	97.1	735.2	1186.2
New York, New York	New York, NY	warm	43	Bucks, PA	74.5	90.2	1426.8	335.7
New York, New York	New York, NY	warm	43	Burlington, NJ	96.6	62.6	1322.9	286.1
New York, New York	New York, NY	warm	43	Camden, NJ	50.7	28.5	1177.0	156.3
New York, New York	New York, NY	warm	43	Cape May, NJ	50.8	80.0	663.8	925.9
New York, New York	New York, NY	warm	43	Carbon, PA	26.6	26.9	247.5	121.7
New York, New York	New York, NY	warm	43	Cayuga, NY	47.0	61.3	332.8	110.8
New York, New York	New York, NY	warm	43	Cecil, MD	37.8	34.7	336.6	110.3
New York, New York	New York, NY	warm	43	Chemung, NY	33.7	42.5	290.4	134.7
New York, New York	New York, NY	warm	43	Chenango, NY	52.4	49.0	140.6	71.9
New York, New York	New York, NY	warm	43	Cheshire, NH	49.2	38.3	216.6	55.4
New York, New York	New York, NY	warm	43	Chester, PA	67.9	104.4	1402.5	678.9
New York, New York	New York, NY	warm	43	Clinton, PA	17.3	15.1	245.2	47.7
New York, New York	New York, NY	warm	43	Columbia, NY	34.8	39.3	214.6	78.9
New York, New York	New York, NY	warm	43	Columbia, PA	17.2	27.2	224.9	67.3
New York, New York	New York, NY	warm	43	Cortland, NY	30.7	32.6	152.3	53.7
New York, New York	New York, NY	warm	43	Cumberland, NJ	37.4	34.7	554.5	271.6
New York, New York	New York, NY	warm	43	Cumberland, PA	59.3	73.2	1228.1	167.9
New York, New York	New York, NY	warm	43	Dauphin, PA	44.8	43.6	1066.1	207.6
New York, New York	New York, NY	warm	43	Delaware, NY	62.0	54.2	190.4	87.6
New York, New York	New York, NY	warm	43	Delaware, PA	73.5	105.3	2795.7	1729.6
New York, New York	New York, NY	warm	43	Dutchess, NY	66.5	74.6	675.9	394.0
New York, New York	New York, NY	warm	43	Essex, NJ	54.2	22.0	1888.0	394.8
New York, New York	New York, NY	warm	43	Fairfield, CT	138.5	109.8	2241.6	810.0
New York, New York	New York, NY	warm	43	Franklin, MA	46.5	51.4	333.4	71.6
New York, New York	New York, NY	warm	43	Gloucester, NJ	57.5	65.2	1080.0	604.6
New York, New York	New York, NY	warm	43	Greene, NY	35.0	40.9	475.8	340.3
New York, New York	New York, NY	warm	43	Hampden, MA	114.4	109.6	1403.2	779.6
New York, New York	New York, NY	warm	43	Hampshire, MA	54.9	62.3	368.4	121.3
New York, New York	New York, NY	warm	43	Harford, MD	74.7	72.6	621.1	196.1
New York, New York	New York, NY	warm	43	Hartford, CT	129.8	94.3	2092.8	450.4
New York, New York	New York, NY	warm	43	Herkimer, NY	46.3	44.2	316.0	77.8
New York, New York	New York, NY	warm	43	Hudson, NJ	57.1	163.7	2284.7	2320.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	New York, NY	warm	43	Hunterdon, NJ	38.5	26.0	329.9	47.2
New York, New York	New York, NY	warm	43	Juniata, PA	10.6	13.8	153.5	21.4
New York, New York	New York, NY	warm	43	Kent, DE	36.9	43.2	772.2	380.5
New York, New York	New York, NY	warm	43	Kent, MD	13.7	23.3	85.1	40.0
New York, New York	New York, NY	warm	43	Kings, NY	89.5	82.1	2369.4	703.0
New York, New York	New York, NY	warm	43	Lackawanna, PA	28.4	38.5	565.9	108.4
New York, New York	New York, NY	warm	43	Lancaster, PA	98.5	167.3	1393.2	341.3
New York, New York	New York, NY	warm	43	Lebanon, PA	28.8	41.5	499.3	151.0
New York, New York	New York, NY	warm	43	Lehigh, PA	42.6	61.9	977.4	318.5
New York, New York	New York, NY	warm	43	Litchfield, CT	80.6	59.4	373.9	104.8
New York, New York	New York, NY	warm	43	Luzerne, PA	66.5	68.8	882.6	608.1
New York, New York	New York, NY	warm	43	Lycoming, PA	26.1	29.8	364.5	92.5
New York, New York	New York, NY	warm	43	Madison, NY	40.1	44.2	244.5	71.7
New York, New York	New York, NY	warm	43	Mercer, NJ	49.2	80.1	1498.9	1520.2
New York, New York	New York, NY	warm	43	Middlesex, CT	54.4	41.4	589.7	228.1
New York, New York	New York, NY	warm	43	Middlesex, NJ	80.8	41.6	2478.7	265.9
New York, New York	New York, NY	warm	43	Monmouth, NJ	84.0	40.5	1424.9	152.0
New York, New York	New York, NY	warm	43	Monroe, PA	50.1	45.4	445.7	86.8
New York, New York	New York, NY	warm	43	Montgomery, NY	27.0	33.0	306.2	77.4
New York, New York	New York, NY	warm	43	Montgomery, PA	95.0	115.6	1980.2	459.8
New York, New York	New York, NY	warm	43	Montour, PA	35.7	541.2	1190.1	10854.6
New York, New York	New York, NY	warm	43	Morris, NJ	81.0	44.2	1170.3	100.0
New York, New York	New York, NY	warm	43	Nassau, NY	92.7	77.1	2708.5	527.1
New York, New York	New York, NY	warm	43	New Castle, DE	75.7	101.8	2403.8	4329.5
New York, New York	New York, NY	warm	43	New Haven, CT	139.5	93.9	1843.2	701.0
New York, New York	New York, NY	warm	43	New London, CT	86.5	78.6	948.4	501.8
New York, New York	New York, NY	warm	43	New York, NY	158.4	112.8	3121.9	1109.7
New York, New York	New York, NY	warm	43	Northampton, PA	56.5	317.7	2091.9	5131.6
New York, New York	New York, NY	warm	43	Northumberland, PA	26.2	34.0	292.5	127.9
New York, New York	New York, NY	warm	43	Ocean, NJ	84.4	44.6	813.8	90.1
New York, New York	New York, NY	warm	43	Oneida, NY	91.5	91.9	648.4	260.2
New York, New York	New York, NY	warm	43	Onondaga, NY	80.4	94.5	1487.9	785.4
New York, New York	New York, NY	warm	43	Orange, NY	79.3	129.4	1583.0	2801.7
New York, New York	New York, NY	warm	43	Otsego, NY	56.2	53.2	196.1	68.1
New York, New York	New York, NY	warm	43	Passaic, NJ	40.0	23.0	745.1	62.3
New York, New York	New York, NY	warm	43	Perry, PA	19.8	20.9	213.7	37.7
New York, New York	New York, NY	warm	43	Philadelphia, PA	106.0	82.0	3291.1	959.5
New York, New York	New York, NY	warm	43	Pike, PA	35.5	31.7	199.9	22.6
New York, New York	New York, NY	warm	43	Potter, PA	11.2	12.1	165.7	15.6
New York, New York	New York, NY	warm	43	Putnam, NY	26.0	26.9	456.0	94.8
New York, New York	New York, NY	warm	43	Queens, NY	121.5	102.0	3477.0	1568.5
New York, New York	New York, NY	warm	43	Rensselaer, NY	62.7	59.3	360.0	154.4
New York, New York	New York, NY	warm	43	Rockland, NY	27.8	69.8	1085.6	1080.0
New York, New York	New York, NY	warm	43	Rutland, VT	32.5	32.0	156.9	42.3
New York, New York	New York, NY	warm	43	Salem, NJ	26.7	64.6	615.2	505.3
New York, New York	New York, NY	warm	43	Saratoga, NY	113.6	99.8	540.6	175.5
New York, New York	New York, NY	warm	43	Schenectady, NY	22.6	24.1	399.7	148.7
New York, New York	New York, NY	warm	43	Schoharie, NY	32.1	30.3	142.2	32.9
New York, New York	New York, NY	warm	43	Schuylkill, PA	46.5	54.1	528.4	615.1
New York, New York	New York, NY	warm	43	Snyder, PA	17.6	73.8	376.8	2396.0
New York, New York	New York, NY	warm	43	Somerset, NJ	38.3	28.8	670.1	49.0
New York, New York	New York, NY	warm	43	Suffolk, NY	156.0	181.8	4667.4	4004.8
New York, New York	New York, NY	warm	43	Sullivan, NY	47.7	44.2	187.1	78.3
New York, New York	New York, NY	warm	43	Sullivan, PA	7.9	8.9	26.1	5.5
New York, New York	New York, NY	warm	43	Susquehanna, PA	22.2	22.4	175.7	28.2
New York, New York	New York, NY	warm	43	Sussex, NJ	63.2	43.6	231.6	56.8
New York, New York	New York, NY	warm	43	Tioga, NY	39.9	40.6	180.5	73.3
New York, New York	New York, NY	warm	43	Tioga, PA	20.9	26.8	170.7	27.1
New York, New York	New York, NY	warm	43	Tolland, CT	46.5	36.2	345.1	78.0
New York, New York	New York, NY	warm	43	Tompkins, NY	52.3	69.0	425.4	437.3
New York, New York	New York, NY	warm	43	Ulster, NY	76.7	80.8	514.4	269.1
New York, New York	New York, NY	warm	43	Union, NJ	51.2	31.0	1702.8	323.4
New York, New York	New York, NY	warm	43	Union, PA	12.3	16.5	169.0	30.5
New York, New York	New York, NY	warm	43	Warren, NJ	49.9	40.8	432.3	47.9
New York, New York	New York, NY	warm	43	Washington, NY	67.1	64.5	189.0	100.2
New York, New York	New York, NY	warm	43	Wayne, PA	29.0	27.1	130.3	40.9
New York, New York	New York, NY	warm	43	Westchester, NY	80.4	60.6	2103.4	405.3
New York, New York	New York, NY	warm	43	Windham, VT	31.6	27.8	210.5	117.1
New York, New York	New York, NY	warm	43	Windsor, VT	32.1	29.0	212.4	32.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	New York, NY	warm	43	Worcester, MA	236.6	203.9	2391.1	517.8
New York, New York	New York, NY	warm	43	Wyoming, PA	17.8	19.5	143.9	28.7
New York, New York	New York, NY	warm	43	York, PA	103.4	478.9	2737.1	10078.9
New York, New York	Union, NJ	cold	19	Albany, NY	36.4	46.1	875.7	918.5
New York, New York	Union, NJ	cold	19	Atlantic, NJ	49.3	28.4	344.8	35.5
New York, New York	Union, NJ	cold	19	Bennington, VT	9.8	9.8	52.6	12.2
New York, New York	Union, NJ	cold	19	Bergen, NJ	41.8	14.3	1123.9	79.8
New York, New York	Union, NJ	cold	19	Berks, PA	43.5	103.7	853.1	890.3
New York, New York	Union, NJ	cold	19	Berkshire, MA	38.0	33.4	275.1	84.6
New York, New York	Union, NJ	cold	19	Bradford, PA	16.1	17.7	110.0	35.1
New York, New York	Union, NJ	cold	19	Bronx, NY	25.2	22.8	677.5	174.7
New York, New York	Union, NJ	cold	19	Broome, NY	35.5	53.9	408.2	658.5
New York, New York	Union, NJ	cold	19	Bucks, PA	41.3	50.1	792.1	186.4
New York, New York	Union, NJ	cold	19	Burlington, NJ	53.6	34.8	734.4	158.8
New York, New York	Union, NJ	cold	19	Camden, NJ	28.1	15.8	653.4	86.8
New York, New York	Union, NJ	cold	19	Cape May, NJ	28.2	44.4	368.5	514.0
New York, New York	Union, NJ	cold	19	Carbon, PA	14.7	14.9	137.4	67.5
New York, New York	Union, NJ	cold	19	Cayuga, NY	26.1	34.0	184.7	61.5
New York, New York	Union, NJ	cold	19	Cecil, MD	21.0	19.3	186.9	61.2
New York, New York	Union, NJ	cold	19	Chemung, NY	18.7	23.6	161.2	74.8
New York, New York	Union, NJ	cold	19	Chenango, NY	29.1	27.2	78.1	39.9
New York, New York	Union, NJ	cold	19	Cheshire, NH	27.3	21.3	120.3	30.8
New York, New York	Union, NJ	cold	19	Chester, PA	37.7	57.9	778.6	376.9
New York, New York	Union, NJ	cold	19	Clinton, PA	9.6	8.4	136.1	26.5
New York, New York	Union, NJ	cold	19	Columbia, NY	19.3	21.8	119.1	43.8
New York, New York	Union, NJ	cold	19	Columbia, PA	9.5	15.1	124.9	37.4
New York, New York	Union, NJ	cold	19	Cortland, NY	17.1	18.1	84.6	29.8
New York, New York	Union, NJ	cold	19	Cumberland, NJ	20.7	19.3	307.8	150.8
New York, New York	Union, NJ	cold	19	Cumberland, PA	32.9	40.6	681.8	93.2
New York, New York	Union, NJ	cold	19	Dauphin, PA	24.9	24.2	591.9	115.2
New York, New York	Union, NJ	cold	19	Delaware, NY	34.4	30.1	105.7	48.6
New York, New York	Union, NJ	cold	19	Delaware, PA	40.8	58.5	1552.1	960.2
New York, New York	Union, NJ	cold	19	Dutchess, NY	36.9	41.4	375.2	218.7
New York, New York	Union, NJ	cold	19	Essex, NJ	30.1	12.2	1048.1	219.2
New York, New York	Union, NJ	cold	19	Fairfield, CT	76.9	61.0	1244.4	449.7
New York, New York	Union, NJ	cold	19	Franklin, MA	25.8	28.5	185.1	39.7
New York, New York	Union, NJ	cold	19	Gloucester, NJ	31.9	36.2	599.6	335.6
New York, New York	Union, NJ	cold	19	Greene, NY	19.5	22.7	264.1	188.9
New York, New York	Union, NJ	cold	19	Hampden, MA	63.5	60.9	779.0	432.8
New York, New York	Union, NJ	cold	19	Hampshire, MA	30.5	34.6	204.5	67.4
New York, New York	Union, NJ	cold	19	Harford, MD	41.5	40.3	344.8	108.8
New York, New York	Union, NJ	cold	19	Hartford, CT	72.1	52.3	1161.8	250.0
New York, New York	Union, NJ	cold	19	Herkimer, NY	25.7	24.5	175.5	43.2
New York, New York	Union, NJ	cold	19	Hudson, NJ	31.7	90.9	1268.4	1288.0
New York, New York	Union, NJ	cold	19	Hunterdon, NJ	21.4	14.4	183.1	26.2
New York, New York	Union, NJ	cold	19	Juniata, PA	5.9	7.6	85.2	11.9
New York, New York	Union, NJ	cold	19	Kent, DE	20.5	24.0	428.7	211.2
New York, New York	Union, NJ	cold	19	Kent, MD	7.6	12.9	47.3	22.2
New York, New York	Union, NJ	cold	19	Kings, NY	49.7	45.6	1315.4	390.3
New York, New York	Union, NJ	cold	19	Lackawanna, PA	15.8	21.4	314.1	60.2
New York, New York	Union, NJ	cold	19	Lancaster, PA	54.7	92.9	773.4	189.5
New York, New York	Union, NJ	cold	19	Lebanon, PA	16.0	23.1	277.2	83.9
New York, New York	Union, NJ	cold	19	Lehigh, PA	23.6	34.4	542.6	176.8
New York, New York	Union, NJ	cold	19	Litchfield, CT	44.8	33.0	207.6	58.2
New York, New York	Union, NJ	cold	19	Luzerne, PA	36.9	38.2	490.0	337.6
New York, New York	Union, NJ	cold	19	Lycoming, PA	14.5	16.5	202.4	51.3
New York, New York	Union, NJ	cold	19	Madison, NY	22.2	24.6	135.7	39.8
New York, New York	Union, NJ	cold	19	Mercer, NJ	27.3	44.5	832.1	843.9
New York, New York	Union, NJ	cold	19	Middlesex, CT	30.2	23.0	327.4	126.6
New York, New York	Union, NJ	cold	19	Middlesex, NJ	44.9	23.1	1376.0	147.6
New York, New York	Union, NJ	cold	19	Monmouth, NJ	46.6	22.5	791.1	84.4
New York, New York	Union, NJ	cold	19	Monroe, PA	27.8	25.2	247.4	48.2
New York, New York	Union, NJ	cold	19	Montgomery, NY	15.0	18.3	170.0	43.0
New York, New York	Union, NJ	cold	19	Montgomery, PA	52.8	64.2	1099.3	255.2
New York, New York	Union, NJ	cold	19	Montour, PA	19.8	300.5	660.7	6025.9
New York, New York	Union, NJ	cold	19	Morris, NJ	45.0	24.6	649.7	55.5
New York, New York	Union, NJ	cold	19	Nassau, NY	51.5	42.8	1503.6	292.6
New York, New York	Union, NJ	cold	19	New Castle, DE	42.0	56.5	1334.5	2403.6
New York, New York	Union, NJ	cold	19	New Haven, CT	77.4	52.1	1023.2	389.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Union, NJ	cold	19	New London, CT	48.0	43.6	526.5	278.6
New York, New York	Union, NJ	cold	19	New York, NY	87.9	62.6	1733.1	616.0
New York, New York	Union, NJ	cold	19	Northampton, PA	31.4	176.4	1161.3	2848.8
New York, New York	Union, NJ	cold	19	Northumberland, PA	14.5	18.9	162.4	71.0
New York, New York	Union, NJ	cold	19	Ocean, NJ	46.9	24.7	451.8	50.0
New York, New York	Union, NJ	cold	19	Oneida, NY	50.8	51.0	360.0	144.5
New York, New York	Union, NJ	cold	19	Onondaga, NY	44.6	52.5	826.0	436.0
New York, New York	Union, NJ	cold	19	Orange, NY	44.0	71.8	878.8	1555.3
New York, New York	Union, NJ	cold	19	Otsego, NY	31.2	29.5	108.9	37.8
New York, New York	Union, NJ	cold	19	Passaic, NJ	22.2	12.8	413.7	34.6
New York, New York	Union, NJ	cold	19	Perry, PA	11.0	11.6	118.6	20.9
New York, New York	Union, NJ	cold	19	Philadelphia, PA	58.9	45.5	1827.0	532.7
New York, New York	Union, NJ	cold	19	Pike, PA	19.7	17.6	111.0	12.5
New York, New York	Union, NJ	cold	19	Potter, PA	6.2	6.7	92.0	8.7
New York, New York	Union, NJ	cold	19	Putnam, NY	14.4	14.9	253.2	52.7
New York, New York	Union, NJ	cold	19	Queens, NY	67.5	56.6	1930.3	870.8
New York, New York	Union, NJ	cold	19	Rensselaer, NY	34.8	32.9	199.9	85.7
New York, New York	Union, NJ	cold	19	Rockland, NY	15.4	38.7	602.7	599.6
New York, New York	Union, NJ	cold	19	Rutland, VT	18.0	17.8	87.1	23.5
New York, New York	Union, NJ	cold	19	Salem, NJ	14.8	35.9	341.5	280.5
New York, New York	Union, NJ	cold	19	Saratoga, NY	63.1	55.4	300.1	97.4
New York, New York	Union, NJ	cold	19	Schenectady, NY	12.6	13.4	221.9	82.6
New York, New York	Union, NJ	cold	19	Schoharie, NY	17.8	16.8	78.9	18.2
New York, New York	Union, NJ	cold	19	Schuylkill, PA	25.8	30.0	293.4	341.5
New York, New York	Union, NJ	cold	19	Snyder, PA	9.8	41.0	209.2	1330.2
New York, New York	Union, NJ	cold	19	Somerset, NJ	21.3	16.0	372.0	27.2
New York, New York	Union, NJ	cold	19	Suffolk, NY	86.6	100.9	2591.1	2223.3
New York, New York	Union, NJ	cold	19	Sullivan, NY	26.5	24.5	103.9	43.5
New York, New York	Union, NJ	cold	19	Sullivan, PA	4.4	4.9	14.5	3.0
New York, New York	Union, NJ	cold	19	Susquehanna, PA	12.3	12.5	97.5	15.7
New York, New York	Union, NJ	cold	19	Sussex, NJ	35.1	24.2	128.6	31.5
New York, New York	Union, NJ	cold	19	Tioga, NY	22.1	22.5	100.2	40.7
New York, New York	Union, NJ	cold	19	Tioga, PA	11.6	14.9	94.8	15.0
New York, New York	Union, NJ	cold	19	Tolland, CT	25.8	20.1	191.6	43.3
New York, New York	Union, NJ	cold	19	Tompkins, NY	29.1	38.3	236.2	242.8
New York, New York	Union, NJ	cold	19	Ulster, NY	42.6	44.9	285.5	149.4
New York, New York	Union, NJ	cold	19	Union, NJ	28.4	17.2	945.3	179.5
New York, New York	Union, NJ	cold	19	Union, PA	6.8	9.2	93.8	16.9
New York, New York	Union, NJ	cold	19	Warren, NJ	27.7	22.7	240.0	26.6
New York, New York	Union, NJ	cold	19	Washington, NY	37.3	35.8	104.9	55.6
New York, New York	Union, NJ	cold	19	Wayne, PA	16.1	15.1	72.3	22.7
New York, New York	Union, NJ	cold	19	Westchester, NY	44.7	33.6	1167.7	225.0
New York, New York	Union, NJ	cold	19	Windham, VT	17.6	15.5	116.9	65.0
New York, New York	Union, NJ	cold	19	Windsor, VT	17.8	16.1	117.9	18.2
New York, New York	Union, NJ	cold	19	Worcester, MA	131.4	113.2	1327.4	287.4
New York, New York	Union, NJ	cold	19	Wyoming, PA	9.9	10.8	79.9	15.9
New York, New York	Union, NJ	cold	19	York, PA	57.4	265.9	1519.5	5595.3
New York, New York	Union, NJ	warm	29	Albany, NY	65.5	83.1	1577.3	1654.4
New York, New York	Union, NJ	warm	29	Atlantic, NJ	88.8	51.2	621.2	63.9
New York, New York	Union, NJ	warm	29	Bennington, VT	17.6	17.7	94.8	21.9
New York, New York	Union, NJ	warm	29	Bergen, NJ	75.3	25.7	2024.5	143.7
New York, New York	Union, NJ	warm	29	Berks, PA	78.4	186.7	1536.7	1603.6
New York, New York	Union, NJ	warm	29	Berkshire, MA	68.5	60.2	495.6	152.3
New York, New York	Union, NJ	warm	29	Bradford, PA	29.0	31.8	198.2	63.1
New York, New York	Union, NJ	warm	29	Bronx, NY	45.4	41.2	1220.3	314.6
New York, New York	Union, NJ	warm	29	Broome, NY	64.0	97.1	735.2	1186.2
New York, New York	Union, NJ	warm	29	Bucks, PA	74.5	90.2	1426.8	335.7
New York, New York	Union, NJ	warm	29	Burlington, NJ	96.6	62.6	1322.9	286.1
New York, New York	Union, NJ	warm	29	Camden, NJ	50.7	28.5	1177.0	156.3
New York, New York	Union, NJ	warm	29	Cape May, NJ	50.8	80.0	663.8	925.9
New York, New York	Union, NJ	warm	29	Carbon, PA	26.6	26.9	247.5	121.7
New York, New York	Union, NJ	warm	29	Cayuga, NY	47.0	61.3	332.8	110.8
New York, New York	Union, NJ	warm	29	Cecil, MD	37.8	34.7	336.6	110.3
New York, New York	Union, NJ	warm	29	Chemung, NY	33.7	42.5	290.4	134.7
New York, New York	Union, NJ	warm	29	Chenango, NY	52.4	49.0	140.6	71.9
New York, New York	Union, NJ	warm	29	Cheshire, NH	49.2	38.3	216.6	55.4
New York, New York	Union, NJ	warm	29	Chester, PA	67.9	104.4	1402.5	678.9
New York, New York	Union, NJ	warm	29	Clinton, PA	17.3	15.1	245.2	47.7
New York, New York	Union, NJ	warm	29	Columbia, NY	34.8	39.3	214.6	78.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Union, NJ	warm	29	Columbia, PA	17.2	27.2	224.9	67.3
New York, New York	Union, NJ	warm	29	Cortland, NY	30.7	32.6	152.3	53.7
New York, New York	Union, NJ	warm	29	Cumberland, NJ	37.4	34.7	554.5	271.6
New York, New York	Union, NJ	warm	29	Cumberland, PA	59.3	73.2	1228.1	167.9
New York, New York	Union, NJ	warm	29	Dauphin, PA	44.8	43.6	1066.1	207.6
New York, New York	Union, NJ	warm	29	Delaware, NY	62.0	54.2	190.4	87.6
New York, New York	Union, NJ	warm	29	Delaware, PA	73.5	105.3	2795.7	1729.6
New York, New York	Union, NJ	warm	29	Dutchess, NY	66.5	74.6	675.9	394.0
New York, New York	Union, NJ	warm	29	Essex, NJ	54.2	22.0	1888.0	394.8
New York, New York	Union, NJ	warm	29	Fairfield, CT	138.5	109.8	2241.6	810.0
New York, New York	Union, NJ	warm	29	Franklin, MA	46.5	51.4	333.4	71.6
New York, New York	Union, NJ	warm	29	Gloucester, NJ	57.5	65.2	1080.0	604.6
New York, New York	Union, NJ	warm	29	Greene, NY	35.0	40.9	475.8	340.3
New York, New York	Union, NJ	warm	29	Hampden, MA	114.4	109.6	1403.2	779.6
New York, New York	Union, NJ	warm	29	Hampshire, MA	54.9	62.3	368.4	121.3
New York, New York	Union, NJ	warm	29	Harford, MD	74.7	72.6	621.1	196.1
New York, New York	Union, NJ	warm	29	Hartford, CT	129.8	94.3	2092.8	450.4
New York, New York	Union, NJ	warm	29	Herkimer, NY	46.3	44.2	316.0	77.8
New York, New York	Union, NJ	warm	29	Hudson, NJ	57.1	163.7	2284.7	2320.1
New York, New York	Union, NJ	warm	29	Hunterdon, NJ	38.5	26.0	329.9	47.2
New York, New York	Union, NJ	warm	29	Juniata, PA	10.6	13.8	153.5	21.4
New York, New York	Union, NJ	warm	29	Kent, DE	36.9	43.2	772.2	380.5
New York, New York	Union, NJ	warm	29	Kent, MD	13.7	23.3	85.1	40.0
New York, New York	Union, NJ	warm	29	Kings, NY	89.5	82.1	2369.4	703.0
New York, New York	Union, NJ	warm	29	Lackawanna, PA	28.4	38.5	565.9	108.4
New York, New York	Union, NJ	warm	29	Lancaster, PA	98.5	167.3	1393.2	341.3
New York, New York	Union, NJ	warm	29	Lebanon, PA	28.8	41.5	499.3	151.0
New York, New York	Union, NJ	warm	29	Lehigh, PA	42.6	61.9	977.4	318.5
New York, New York	Union, NJ	warm	29	Litchfield, CT	80.6	59.4	373.9	104.8
New York, New York	Union, NJ	warm	29	Luzerne, PA	66.5	68.8	882.6	608.1
New York, New York	Union, NJ	warm	29	Lycoming, PA	26.1	29.8	364.5	92.5
New York, New York	Union, NJ	warm	29	Madison, NY	40.1	44.2	244.5	71.7
New York, New York	Union, NJ	warm	29	Mercer, NJ	49.2	80.1	1498.9	1520.2
New York, New York	Union, NJ	warm	29	Middlesex, CT	54.4	41.4	589.7	228.1
New York, New York	Union, NJ	warm	29	Middlesex, NJ	80.8	41.6	2478.7	265.9
New York, New York	Union, NJ	warm	29	Monmouth, NJ	84.0	40.5	1424.9	152.0
New York, New York	Union, NJ	warm	29	Monroe, PA	50.1	45.4	445.7	86.8
New York, New York	Union, NJ	warm	29	Montgomery, NY	27.0	33.0	306.2	77.4
New York, New York	Union, NJ	warm	29	Montgomery, PA	95.0	115.6	1980.2	459.8
New York, New York	Union, NJ	warm	29	Montour, PA	35.7	541.2	1190.1	10854.6
New York, New York	Union, NJ	warm	29	Morris, NJ	81.0	44.2	1170.3	100.0
New York, New York	Union, NJ	warm	29	Nassau, NY	92.7	77.1	2708.5	527.1
New York, New York	Union, NJ	warm	29	New Castle, DE	75.7	101.8	2403.8	4329.5
New York, New York	Union, NJ	warm	29	New Haven, CT	139.5	93.9	1843.2	701.0
New York, New York	Union, NJ	warm	29	New London, CT	86.5	78.6	948.4	501.8
New York, New York	Union, NJ	warm	29	New York, NY	158.4	112.8	3121.9	1109.7
New York, New York	Union, NJ	warm	29	Northampton, PA	56.5	317.7	2091.9	5131.6
New York, New York	Union, NJ	warm	29	Northumberland, PA	26.2	34.0	292.5	127.9
New York, New York	Union, NJ	warm	29	Ocean, NJ	84.4	44.6	813.8	90.1
New York, New York	Union, NJ	warm	29	Oneida, NY	91.5	91.9	648.4	260.2
New York, New York	Union, NJ	warm	29	Onondaga, NY	80.4	94.5	1487.9	785.4
New York, New York	Union, NJ	warm	29	Orange, NY	79.3	129.4	1583.0	2801.7
New York, New York	Union, NJ	warm	29	Otsego, NY	56.2	53.2	196.1	68.1
New York, New York	Union, NJ	warm	29	Passaic, NJ	40.0	23.0	745.1	62.3
New York, New York	Union, NJ	warm	29	Perry, PA	19.8	20.9	213.7	37.7
New York, New York	Union, NJ	warm	29	Philadelphia, PA	106.0	82.0	3291.1	959.5
New York, New York	Union, NJ	warm	29	Pike, PA	35.5	31.7	199.9	22.6
New York, New York	Union, NJ	warm	29	Potter, PA	11.2	12.1	165.7	15.6
New York, New York	Union, NJ	warm	29	Putnam, NY	26.0	26.9	456.0	94.8
New York, New York	Union, NJ	warm	29	Queens, NY	121.5	102.0	3477.0	1568.5
New York, New York	Union, NJ	warm	29	Rensselaer, NY	62.7	59.3	360.0	154.4
New York, New York	Union, NJ	warm	29	Rockland, NY	27.8	69.8	1085.6	1080.0
New York, New York	Union, NJ	warm	29	Rutland, VT	32.5	32.0	156.9	42.3
New York, New York	Union, NJ	warm	29	Salem, NJ	26.7	64.6	615.2	505.3
New York, New York	Union, NJ	warm	29	Saratoga, NY	113.6	99.8	540.6	175.5
New York, New York	Union, NJ	warm	29	Schenectady, NY	22.6	24.1	399.7	148.7
New York, New York	Union, NJ	warm	29	Schoharie, NY	32.1	30.3	142.2	32.9
New York, New York	Union, NJ	warm	29	Schuylkill, PA	46.5	54.1	528.4	615.1
New York, New York	Union, NJ	warm	29	Snyder, PA	17.6	73.8	376.8	2396.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
New York, New York	Union, NJ	warm	29	Somerset, NJ	38.3	28.8	670.1	49.0
New York, New York	Union, NJ	warm	29	Suffolk, NY	156.0	181.8	4667.4	4004.8
New York, New York	Union, NJ	warm	29	Sullivan, NY	47.7	44.2	187.1	78.3
New York, New York	Union, NJ	warm	29	Sullivan, PA	7.9	8.9	26.1	5.5
New York, New York	Union, NJ	warm	29	Susquehanna, PA	22.2	22.4	175.7	28.2
New York, New York	Union, NJ	warm	29	Sussex, NJ	63.2	43.6	231.6	56.8
New York, New York	Union, NJ	warm	29	Tioga, NY	39.9	40.6	180.5	73.3
New York, New York	Union, NJ	warm	29	Tioga, PA	20.9	26.8	170.7	27.1
New York, New York	Union, NJ	warm	29	Tolland, CT	46.5	36.2	345.1	78.0
New York, New York	Union, NJ	warm	29	Tompkins, NY	52.3	69.0	425.4	437.3
New York, New York	Union, NJ	warm	29	Ulster, NY	76.7	80.8	514.4	269.1
New York, New York	Union, NJ	warm	29	Union, NJ	51.2	31.0	1702.8	323.4
New York, New York	Union, NJ	warm	29	Union, PA	12.3	16.5	169.0	30.5
New York, New York	Union, NJ	warm	29	Warren, NJ	49.9	40.8	432.3	47.9
New York, New York	Union, NJ	warm	29	Washington, NY	67.1	64.5	189.0	100.2
New York, New York	Union, NJ	warm	29	Wayne, PA	29.0	27.1	130.3	40.9
New York, New York	Union, NJ	warm	29	Westchester, NY	80.4	60.6	2103.4	405.3
New York, New York	Union, NJ	warm	29	Windham, VT	31.6	27.8	210.5	117.1
New York, New York	Union, NJ	warm	29	Windsor, VT	32.1	29.0	212.4	32.9
New York, New York	Union, NJ	warm	29	Worcester, MA	236.6	203.9	2391.1	517.8
New York, New York	Union, NJ	warm	29	Wyoming, PA	17.8	19.5	143.9	28.7
New York, New York	Union, NJ	warm	29	York, PA	103.4	478.9	2737.1	10078.9
Nogales, AZ	Santa Cruz, AZ	cold	5	Apache, AZ	14.4	55.0	621.3	488.7
Nogales, AZ	Santa Cruz, AZ	cold	5	Archuleta, CO	2.7	1.9	10.7	0.8
Nogales, AZ	Santa Cruz, AZ	cold	5	Bernalillo, NM	26.3	59.3	543.5	35.7
Nogales, AZ	Santa Cruz, AZ	cold	5	Catron, NM	60.1	39.4	12.4	6.4
Nogales, AZ	Santa Cruz, AZ	cold	5	Cibola, NM	5.0	13.5	87.3	5.3
Nogales, AZ	Santa Cruz, AZ	cold	5	Clark, NV	365.0	275.9	1702.9	1269.0
Nogales, AZ	Santa Cruz, AZ	cold	5	Cochise, AZ	11.7	26.2	380.9	87.5
Nogales, AZ	Santa Cruz, AZ	cold	5	Coconino, AZ	40.2	85.8	1087.8	108.9
Nogales, AZ	Santa Cruz, AZ	cold	5	Dolores, CO	5.7	5.5	8.5	0.7
Nogales, AZ	Santa Cruz, AZ	cold	5	Dona Ana, NM	18.9	121.1	227.7	16.5
Nogales, AZ	Santa Cruz, AZ	cold	5	El Paso, TX	21.8	41.3	487.7	107.6
Nogales, AZ	Santa Cruz, AZ	cold	5	Emery, UT	4.3	56.8	704.6	564.3
Nogales, AZ	Santa Cruz, AZ	cold	5	Garfield, UT	8.4	5.5	11.8	3.1
Nogales, AZ	Santa Cruz, AZ	cold	5	Gila, AZ	46.1	31.6	46.9	443.4
Nogales, AZ	Santa Cruz, AZ	cold	5	Graham, AZ	3.4	10.0	23.5	1.3
Nogales, AZ	Santa Cruz, AZ	cold	5	Grand, UT	2.2	2.0	36.6	1.4
Nogales, AZ	Santa Cruz, AZ	cold	5	Grant, NM	5.5	40.8	54.3	9.5
Nogales, AZ	Santa Cruz, AZ	cold	5	Greenlee, AZ	14.5	24.6	12.0	3.7
Nogales, AZ	Santa Cruz, AZ	cold	5	Hidalgo, NM	1.7	11.6	44.1	1.9
Nogales, AZ	Santa Cruz, AZ	cold	5	Imperial, CA	19.6	58.8	293.5	51.2
Nogales, AZ	Santa Cruz, AZ	cold	5	Inyo, CA	9.1	22.2	28.4	5.9
Nogales, AZ	Santa Cruz, AZ	cold	5	Kane, UT	2.4	2.3	10.2	2.4
Nogales, AZ	Santa Cruz, AZ	cold	5	Kern, CA	75.1	71.2	1443.2	80.8
Nogales, AZ	Santa Cruz, AZ	cold	5	La Paz, AZ	9.7	10.6	72.3	4.7
Nogales, AZ	Santa Cruz, AZ	cold	5	La Plata, CO	4.4	4.3	96.5	3.0
Nogales, AZ	Santa Cruz, AZ	cold	5	Lincoln, NM	7.0	9.4	48.9	2.9
Nogales, AZ	Santa Cruz, AZ	cold	5	Lincoln, NV	177.7	96.3	59.8	22.0
Nogales, AZ	Santa Cruz, AZ	cold	5	Los Angeles, CA	254.3	122.2	6438.0	745.7
Nogales, AZ	Santa Cruz, AZ	cold	5	Luna, NM	4.5	21.8	95.9	5.2
Nogales, AZ	Santa Cruz, AZ	cold	5	Maricopa, AZ	330.4	219.8	2591.7	145.2
Nogales, AZ	Santa Cruz, AZ	cold	5	McKinley, NM	13.2	56.9	380.4	67.4
Nogales, AZ	Santa Cruz, AZ	cold	5	Mesa, CO	12.7	22.1	147.0	81.0
Nogales, AZ	Santa Cruz, AZ	cold	5	Mohave, AZ	103.1	63.0	322.4	29.9
Nogales, AZ	Santa Cruz, AZ	cold	5	Montezuma, CO	8.9	8.0	31.8	2.5
Nogales, AZ	Santa Cruz, AZ	cold	5	Montrose, CO	4.9	12.2	74.9	35.9
Nogales, AZ	Santa Cruz, AZ	cold	5	Navajo, AZ	19.3	72.8	588.8	567.3
Nogales, AZ	Santa Cruz, AZ	cold	5	Orange, CA	77.0	36.4	1495.7	215.8
Nogales, AZ	Santa Cruz, AZ	cold	5	Otero, NM	11.2	52.3	59.1	5.0
Nogales, AZ	Santa Cruz, AZ	cold	5	Pima, AZ	39.6	57.8	715.2	144.6
Nogales, AZ	Santa Cruz, AZ	cold	5	Pinal, AZ	38.9	75.7	295.0	18.3
Nogales, AZ	Santa Cruz, AZ	cold	5	Rio Arriba, NM	24.0	87.9	105.9	3.8
Nogales, AZ	Santa Cruz, AZ	cold	5	Riverside, CA	68.4	54.8	1373.3	105.0
Nogales, AZ	Santa Cruz, AZ	cold	5	San Bernardino, CA	119.2	153.5	2277.8	89.4
Nogales, AZ	Santa Cruz, AZ	cold	5	San Diego, CA	143.2	113.3	1857.6	192.6
Nogales, AZ	Santa Cruz, AZ	cold	5	San Juan, CO	0.6	0.3	3.6	0.2
Nogales, AZ	Santa Cruz, AZ	cold	5	San Juan, NM	22.5	186.7	2024.1	722.2
Nogales, AZ	Santa Cruz, AZ	cold	5	San Juan, UT	8.4	5.8	38.5	38.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Nogales, AZ	Santa Cruz, AZ	cold	5	San Miguel, CO	3.2	2.3	15.2	1.2
Nogales, AZ	Santa Cruz, AZ	cold	5	Sandoval, NM	12.2	63.2	90.2	13.7
Nogales, AZ	Santa Cruz, AZ	cold	5	Santa Cruz, AZ	6.8	7.9	35.9	2.7
Nogales, AZ	Santa Cruz, AZ	cold	5	Sierra, NM	2.0	11.1	38.6	1.3
Nogales, AZ	Santa Cruz, AZ	cold	5	Socorro, NM	10.5	9.9	96.9	6.4
Nogales, AZ	Santa Cruz, AZ	cold	5	Torrance, NM	7.2	28.9	109.1	5.9
Nogales, AZ	Santa Cruz, AZ	cold	5	Valencia, NM	9.8	84.2	169.0	11.5
Nogales, AZ	Santa Cruz, AZ	cold	5	Washington, UT	65.0	43.7	119.2	17.4
Nogales, AZ	Santa Cruz, AZ	cold	5	Wayne, UT	0.4	1.2	4.7	3.7
Nogales, AZ	Santa Cruz, AZ	cold	5	Yavapai, AZ	136.7	88.5	320.7	47.7
Nogales, AZ	Santa Cruz, AZ	cold	5	Yuma, AZ	17.2	30.3	220.0	13.7
Nogales, AZ	Santa Cruz, AZ	warm	1	Apache, AZ	4.0	15.2	172.2	135.4
Nogales, AZ	Santa Cruz, AZ	warm	1	Archuleta, CO	0.7	0.5	3.0	0.2
Nogales, AZ	Santa Cruz, AZ	warm	1	Bernalillo, NM	7.3	16.4	150.6	9.9
Nogales, AZ	Santa Cruz, AZ	warm	1	Catron, NM	16.7	10.9	3.4	1.8
Nogales, AZ	Santa Cruz, AZ	warm	1	Cibola, NM	1.4	3.7	24.2	1.5
Nogales, AZ	Santa Cruz, AZ	warm	1	Clark, NV	101.2	76.5	471.9	351.7
Nogales, AZ	Santa Cruz, AZ	warm	1	Cochise, AZ	3.2	7.3	105.6	24.3
Nogales, AZ	Santa Cruz, AZ	warm	1	Coconino, AZ	11.1	23.8	301.5	30.2
Nogales, AZ	Santa Cruz, AZ	warm	1	Dolores, CO	1.6	1.5	2.3	0.2
Nogales, AZ	Santa Cruz, AZ	warm	1	Dona Ana, NM	5.2	33.6	63.1	4.6
Nogales, AZ	Santa Cruz, AZ	warm	1	El Paso, TX	6.0	11.4	135.2	29.8
Nogales, AZ	Santa Cruz, AZ	warm	1	Emery, UT	1.2	15.8	195.3	156.4
Nogales, AZ	Santa Cruz, AZ	warm	1	Garfield, UT	2.3	1.5	3.3	0.9
Nogales, AZ	Santa Cruz, AZ	warm	1	Gila, AZ	12.8	8.8	13.0	122.9
Nogales, AZ	Santa Cruz, AZ	warm	1	Graham, AZ	1.0	2.8	6.5	0.4
Nogales, AZ	Santa Cruz, AZ	warm	1	Grand, UT	0.6	0.5	10.1	0.4
Nogales, AZ	Santa Cruz, AZ	warm	1	Grant, NM	1.5	11.3	15.0	2.6
Nogales, AZ	Santa Cruz, AZ	warm	1	Greenlee, AZ	4.0	6.8	3.3	1.0
Nogales, AZ	Santa Cruz, AZ	warm	1	Hidalgo, NM	0.5	3.2	12.2	0.5
Nogales, AZ	Santa Cruz, AZ	warm	1	Imperial, CA	5.4	16.3	81.3	14.2
Nogales, AZ	Santa Cruz, AZ	warm	1	Inyo, CA	2.5	6.2	7.9	1.6
Nogales, AZ	Santa Cruz, AZ	warm	1	Kane, UT	0.7	0.6	2.8	0.7
Nogales, AZ	Santa Cruz, AZ	warm	1	Kern, CA	20.8	19.7	399.9	22.4
Nogales, AZ	Santa Cruz, AZ	warm	1	La Paz, AZ	2.7	2.9	20.0	1.3
Nogales, AZ	Santa Cruz, AZ	warm	1	La Plata, CO	1.2	1.2	26.7	0.8
Nogales, AZ	Santa Cruz, AZ	warm	1	Lincoln, NM	1.9	2.6	13.5	0.8
Nogales, AZ	Santa Cruz, AZ	warm	1	Lincoln, NV	49.3	26.7	16.6	6.1
Nogales, AZ	Santa Cruz, AZ	warm	1	Los Angeles, CA	70.5	33.9	1784.1	206.7
Nogales, AZ	Santa Cruz, AZ	warm	1	Luna, NM	1.2	6.0	26.6	1.4
Nogales, AZ	Santa Cruz, AZ	warm	1	Maricopa, AZ	91.6	60.9	718.2	40.2
Nogales, AZ	Santa Cruz, AZ	warm	1	McKinley, NM	3.7	15.8	105.4	18.7
Nogales, AZ	Santa Cruz, AZ	warm	1	Mesa, CO	3.5	6.1	40.7	22.5
Nogales, AZ	Santa Cruz, AZ	warm	1	Mohave, AZ	28.6	17.5	89.4	8.3
Nogales, AZ	Santa Cruz, AZ	warm	1	Montezuma, CO	2.5	2.2	8.8	0.7
Nogales, AZ	Santa Cruz, AZ	warm	1	Montrose, CO	1.4	3.4	20.8	9.9
Nogales, AZ	Santa Cruz, AZ	warm	1	Navajo, AZ	5.4	20.2	163.2	157.2
Nogales, AZ	Santa Cruz, AZ	warm	1	Orange, CA	21.3	10.1	414.5	59.8
Nogales, AZ	Santa Cruz, AZ	warm	1	Otero, NM	3.1	14.5	16.4	1.4
Nogales, AZ	Santa Cruz, AZ	warm	1	Pima, AZ	11.0	16.0	198.2	40.1
Nogales, AZ	Santa Cruz, AZ	warm	1	Pinal, AZ	10.8	21.0	81.8	5.1
Nogales, AZ	Santa Cruz, AZ	warm	1	Rio Arriba, NM	6.6	24.4	29.4	1.1
Nogales, AZ	Santa Cruz, AZ	warm	1	Riverside, CA	18.9	15.2	380.6	29.1
Nogales, AZ	Santa Cruz, AZ	warm	1	San Bernardino, CA	33.0	42.5	631.2	24.8
Nogales, AZ	Santa Cruz, AZ	warm	1	San Diego, CA	39.7	31.4	514.8	53.4
Nogales, AZ	Santa Cruz, AZ	warm	1	San Juan, CO	0.2	0.1	1.0	0.1
Nogales, AZ	Santa Cruz, AZ	warm	1	San Juan, NM	6.2	51.7	560.9	200.1
Nogales, AZ	Santa Cruz, AZ	warm	1	San Juan, UT	2.3	1.6	10.7	10.6
Nogales, AZ	Santa Cruz, AZ	warm	1	San Miguel, CO	0.9	0.6	4.2	0.3
Nogales, AZ	Santa Cruz, AZ	warm	1	Sandoval, NM	3.4	17.5	25.0	3.8
Nogales, AZ	Santa Cruz, AZ	warm	1	Santa Cruz, AZ	1.9	2.2	9.9	0.8
Nogales, AZ	Santa Cruz, AZ	warm	1	Sierra, NM	0.6	3.1	10.7	0.4
Nogales, AZ	Santa Cruz, AZ	warm	1	Socorro, NM	2.9	2.7	26.9	1.8
Nogales, AZ	Santa Cruz, AZ	warm	1	Torrance, NM	2.0	8.0	30.2	1.6
Nogales, AZ	Santa Cruz, AZ	warm	1	Valencia, NM	2.7	23.3	46.8	3.2
Nogales, AZ	Santa Cruz, AZ	warm	1	Washington, UT	18.0	12.1	33.0	4.8
Nogales, AZ	Santa Cruz, AZ	warm	1	Wayne, UT	0.1	0.3	1.3	1.0
Nogales, AZ	Santa Cruz, AZ	warm	1	Yavapai, AZ	37.9	24.5	88.9	13.2
Nogales, AZ	Santa Cruz, AZ	warm	1	Yuma, AZ	4.8	8.4	61.0	3.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Oak Ridge, OR	Lane, OR	cold	18	Ada, ID	203.3	258.9	1668.4	111.8
Oak Ridge, OR	Lane, OR	cold	18	Adams, ID	27.7	15.8	56.5	8.9
Oak Ridge, OR	Lane, OR	cold	18	Baker, OR	362.3	194.2	406.9	56.4
Oak Ridge, OR	Lane, OR	cold	18	Benton, OR	64.6	55.1	195.2	27.3
Oak Ridge, OR	Lane, OR	cold	18	Benton, WA	73.0	83.5	625.2	46.5
Oak Ridge, OR	Lane, OR	cold	18	Box Elder, UT	36.9	65.9	442.3	29.3
Oak Ridge, OR	Lane, OR	cold	18	Butte, CA	128.5	119.2	720.5	179.6
Oak Ridge, OR	Lane, OR	cold	18	Canyon, ID	88.4	234.9	705.3	203.3
Oak Ridge, OR	Lane, OR	cold	18	Carson, NV	27.0	25.7	107.4	110.6
Oak Ridge, OR	Lane, OR	cold	18	Cassia, ID	23.6	53.5	185.1	10.6
Oak Ridge, OR	Lane, OR	cold	18	Churchill, NV	16.7	47.3	169.3	22.4
Oak Ridge, OR	Lane, OR	cold	18	Clackamas, OR	227.2	180.8	955.3	98.0
Oak Ridge, OR	Lane, OR	cold	18	Clark, WA	173.5	128.9	1145.5	107.1
Oak Ridge, OR	Lane, OR	cold	18	Clatsop, OR	58.4	57.6	269.9	125.8
Oak Ridge, OR	Lane, OR	cold	18	Columbia, OR	42.3	42.3	303.5	112.2
Oak Ridge, OR	Lane, OR	cold	18	Columbia, WA	159.9	118.5	71.5	15.9
Oak Ridge, OR	Lane, OR	cold	18	Coos, OR	216.5	123.0	275.2	45.1
Oak Ridge, OR	Lane, OR	cold	18	Cowlitz, WA	73.1	83.3	900.4	317.2
Oak Ridge, OR	Lane, OR	cold	18	Crook, OR	35.6	36.3	73.2	8.3
Oak Ridge, OR	Lane, OR	cold	18	Curry, OR	71.2	43.1	79.8	12.8
Oak Ridge, OR	Lane, OR	cold	18	Del Norte, CA	28.2	16.1	108.7	10.5
Oak Ridge, OR	Lane, OR	cold	18	Deschutes, OR	159.3	167.4	485.3	44.5
Oak Ridge, OR	Lane, OR	cold	18	Douglas, NV	28.7	62.1	186.7	61.7
Oak Ridge, OR	Lane, OR	cold	18	Douglas, OR	227.1	156.4	585.9	54.3
Oak Ridge, OR	Lane, OR	cold	18	El Dorado, CA	141.6	92.0	410.1	43.6
Oak Ridge, OR	Lane, OR	cold	18	Elko, NV	169.5	131.3	547.8	65.1
Oak Ridge, OR	Lane, OR	cold	18	Elmore, ID	95.0	79.6	268.2	20.6
Oak Ridge, OR	Lane, OR	cold	18	Eureka, NV	8.4	27.0	119.8	32.4
Oak Ridge, OR	Lane, OR	cold	18	Gem, ID	10.2	29.1	124.3	6.5
Oak Ridge, OR	Lane, OR	cold	18	Gilliam, OR	9.8	26.5	117.2	7.3
Oak Ridge, OR	Lane, OR	cold	18	Glenn, CA	70.8	83.2	329.6	114.4
Oak Ridge, OR	Lane, OR	cold	18	Grant, OR	23.1	21.7	60.2	4.7
Oak Ridge, OR	Lane, OR	cold	18	Harney, OR	52.1	35.2	83.1	11.9
Oak Ridge, OR	Lane, OR	cold	18	Hood River, OR	38.5	22.7	153.1	27.3
Oak Ridge, OR	Lane, OR	cold	18	Humboldt, CA	120.8	74.9	792.7	30.4
Oak Ridge, OR	Lane, OR	cold	18	Humboldt, NV	32.4	66.3	1019.4	847.2
Oak Ridge, OR	Lane, OR	cold	18	Jackson, OR	265.2	174.0	688.5	116.2
Oak Ridge, OR	Lane, OR	cold	18	Jefferson, OR	42.6	45.5	110.1	9.9
Oak Ridge, OR	Lane, OR	cold	18	Josephine, OR	118.6	78.1	222.8	24.5
Oak Ridge, OR	Lane, OR	cold	18	Klamath, OR	187.2	127.5	626.4	48.8
Oak Ridge, OR	Lane, OR	cold	18	Klickitat, WA	67.6	39.2	319.7	55.3
Oak Ridge, OR	Lane, OR	cold	18	Lake, CA	61.0	43.6	248.6	17.7
Oak Ridge, OR	Lane, OR	cold	18	Lake, OR	25.3	22.1	91.9	7.7
Oak Ridge, OR	Lane, OR	cold	18	Lander, NV	5.9	21.4	80.3	7.7
Oak Ridge, OR	Lane, OR	cold	18	Lane, OR	266.9	181.9	1049.8	113.9
Oak Ridge, OR	Lane, OR	cold	18	Lassen, CA	67.5	61.2	227.0	14.0
Oak Ridge, OR	Lane, OR	cold	18	Lewis, WA	87.3	197.5	1814.0	309.3
Oak Ridge, OR	Lane, OR	cold	18	Lincoln, OR	60.2	57.3	222.9	38.6
Oak Ridge, OR	Lane, OR	cold	18	Linn, OR	125.5	127.5	562.2	97.7
Oak Ridge, OR	Lane, OR	cold	18	Lyon, NV	19.9	64.5	618.5	55.8
Oak Ridge, OR	Lane, OR	cold	18	Malheur, OR	69.0	111.8	257.7	86.3
Oak Ridge, OR	Lane, OR	cold	18	Marion, OR	182.9	173.0	904.2	105.1
Oak Ridge, OR	Lane, OR	cold	18	Mendocino, CA	80.6	47.6	434.9	31.4
Oak Ridge, OR	Lane, OR	cold	18	Mineral, NV	2.6	35.8	16.9	2.0
Oak Ridge, OR	Lane, OR	cold	18	Modoc, CA	25.0	26.8	141.5	5.5
Oak Ridge, OR	Lane, OR	cold	18	Mono, CA	25.2	47.4	65.4	2.2
Oak Ridge, OR	Lane, OR	cold	18	Morrow, OR	28.3	80.2	884.8	1030.2
Oak Ridge, OR	Lane, OR	cold	18	Multnomah, OR	459.5	309.8	3876.1	490.0
Oak Ridge, OR	Lane, OR	cold	18	Nevada, CA	108.6	76.8	293.6	22.1
Oak Ridge, OR	Lane, OR	cold	18	Nye, NV	114.2	75.7	125.9	41.8
Oak Ridge, OR	Lane, OR	cold	18	Owyhee, ID	165.1	118.1	104.1	41.1
Oak Ridge, OR	Lane, OR	cold	18	Pacific, WA	37.4	20.8	151.4	44.4
Oak Ridge, OR	Lane, OR	cold	18	Payette, ID	17.4	50.8	132.0	8.1
Oak Ridge, OR	Lane, OR	cold	18	Pershing, NV	5.9	24.1	158.1	9.6
Oak Ridge, OR	Lane, OR	cold	18	Placer, CA	112.8	79.6	984.5	77.7
Oak Ridge, OR	Lane, OR	cold	18	Plumas, CA	130.7	73.0	291.3	29.6
Oak Ridge, OR	Lane, OR	cold	18	Polk, OR	47.9	50.0	189.1	19.7
Oak Ridge, OR	Lane, OR	cold	18	Sacramento, CA	191.5	161.7	2817.4	280.7
Oak Ridge, OR	Lane, OR	cold	18	Shasta, CA	262.2	163.0	921.1	38.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Oak Ridge, OR	Lane, OR	cold	18	Sherman, OR	15.5	31.4	154.2	6.8
Oak Ridge, OR	Lane, OR	cold	18	Sierra, CA	44.7	24.1	51.2	10.0
Oak Ridge, OR	Lane, OR	cold	18	Siskiyou, CA	173.1	100.4	379.3	29.5
Oak Ridge, OR	Lane, OR	cold	18	Skamania, WA	14.6	8.8	132.1	19.0
Oak Ridge, OR	Lane, OR	cold	18	Sonoma, CA	103.9	75.9	1279.0	242.1
Oak Ridge, OR	Lane, OR	cold	18	Storey, NV	5.9	24.3	176.6	13.3
Oak Ridge, OR	Lane, OR	cold	18	Sutter, CA	68.0	81.8	499.1	16.0
Oak Ridge, OR	Lane, OR	cold	18	Tehama, CA	69.9	51.0	334.2	177.2
Oak Ridge, OR	Lane, OR	cold	18	Tillamook, OR	41.4	31.7	121.7	9.9
Oak Ridge, OR	Lane, OR	cold	18	Tooele, UT	61.6	83.9	457.1	44.5
Oak Ridge, OR	Lane, OR	cold	18	Trinity, CA	44.1	24.9	63.7	4.5
Oak Ridge, OR	Lane, OR	cold	18	Twin Falls, ID	61.1	142.4	450.8	107.8
Oak Ridge, OR	Lane, OR	cold	18	Umatilla, OR	176.5	164.2	625.5	57.4
Oak Ridge, OR	Lane, OR	cold	18	Union, OR	108.5	70.8	298.6	31.1
Oak Ridge, OR	Lane, OR	cold	18	Wahkiakum, WA	6.4	8.0	120.8	55.2
Oak Ridge, OR	Lane, OR	cold	18	Walla Walla, WA	103.3	124.7	352.2	255.8
Oak Ridge, OR	Lane, OR	cold	18	Wallowa, OR	565.4	292.2	145.9	75.2
Oak Ridge, OR	Lane, OR	cold	18	Wasco, OR	48.4	43.7	247.8	36.7
Oak Ridge, OR	Lane, OR	cold	18	Washington, ID	38.4	32.5	96.0	9.8
Oak Ridge, OR	Lane, OR	cold	18	Washington, OR	277.3	213.8	1057.3	177.3
Oak Ridge, OR	Lane, OR	cold	18	Washoe, NV	91.2	133.2	1127.0	348.9
Oak Ridge, OR	Lane, OR	cold	18	Wheeler, OR	10.9	11.0	13.1	1.8
Oak Ridge, OR	Lane, OR	cold	18	White Pine, NV	7.1	22.5	40.5	3.2
Oak Ridge, OR	Lane, OR	cold	18	Yakima, WA	112.7	96.9	584.9	40.2
Oak Ridge, OR	Lane, OR	cold	18	Yamhill, OR	74.4	76.6	311.0	83.6
Oak Ridge, OR	Lane, OR	cold	18	Yuba, CA	31.6	25.1	283.7	9.6
Paducah, KY	McCracken, KY	cold	1	Alexander, IL	0.7	1.2	12.8	4.7
Paducah, KY	McCracken, KY	cold	1	Ballard, KY	0.7	1.5	13.1	4.4
Paducah, KY	McCracken, KY	cold	1	Benton, TN	0.6	0.5	9.3	1.1
Paducah, KY	McCracken, KY	cold	1	Bollinger, MO	0.7	1.3	6.9	0.3
Paducah, KY	McCracken, KY	cold	1	Butler, KY	0.3	0.7	2.8	0.9
Paducah, KY	McCracken, KY	cold	1	Butler, MO	2.1	4.2	12.1	2.6
Paducah, KY	McCracken, KY	cold	1	Caldwell, KY	0.4	1.2	2.8	0.5
Paducah, KY	McCracken, KY	cold	1	Calloway, KY	0.9	1.5	9.4	2.5
Paducah, KY	McCracken, KY	cold	1	Cape Girardeau, MO	2.1	5.5	31.7	13.2
Paducah, KY	McCracken, KY	cold	1	Carlisle, KY	0.3	0.6	6.8	1.1
Paducah, KY	McCracken, KY	cold	1	Carroll, TN	1.2	2.2	6.2	1.2
Paducah, KY	McCracken, KY	cold	1	Cheatham, TN	1.1	1.1	10.2	1.5
Paducah, KY	McCracken, KY	cold	1	Chester, TN	0.3	0.5	2.3	0.4
Paducah, KY	McCracken, KY	cold	1	Christian, KY	1.1	2.2	18.6	4.0
Paducah, KY	McCracken, KY	cold	1	Clay, AR	2.5	3.3	9.8	2.4
Paducah, KY	McCracken, KY	cold	1	Craighead, AR	2.4	3.9	22.8	6.4
Paducah, KY	McCracken, KY	cold	1	Crittenden, KY	0.4	0.5	9.0	1.8
Paducah, KY	McCracken, KY	cold	1	Crockett, TN	0.5	2.1	3.6	0.6
Paducah, KY	McCracken, KY	cold	1	Daviess, KY	1.7	4.6	56.0	35.9
Paducah, KY	McCracken, KY	cold	1	Decatur, TN	0.5	0.7	7.0	1.1
Paducah, KY	McCracken, KY	cold	1	Dickson, TN	1.4	2.7	15.2	2.0
Paducah, KY	McCracken, KY	cold	1	Dunklin, MO	1.4	4.8	8.8	1.4
Paducah, KY	McCracken, KY	cold	1	Dyer, TN	1.2	3.1	18.5	5.5
Paducah, KY	McCracken, KY	cold	1	Edwards, IL	0.3	1.2	2.3	0.2
Paducah, KY	McCracken, KY	cold	1	Franklin, IL	0.8	2.0	10.8	0.6
Paducah, KY	McCracken, KY	cold	1	Fulton, KY	0.8	1.1	9.8	2.0
Paducah, KY	McCracken, KY	cold	1	Gallatin, IL	0.3	1.8	4.7	0.7
Paducah, KY	McCracken, KY	cold	1	Gibson, IN	2.0	25.8	154.0	730.1
Paducah, KY	McCracken, KY	cold	1	Gibson, TN	0.9	2.9	9.0	2.9
Paducah, KY	McCracken, KY	cold	1	Graves, KY	1.3	2.4	8.2	1.9
Paducah, KY	McCracken, KY	cold	1	Greene, AR	2.9	3.6	15.3	4.5
Paducah, KY	McCracken, KY	cold	1	Hamilton, IL	0.6	1.9	3.3	0.3
Paducah, KY	McCracken, KY	cold	1	Hardeman, TN	0.8	1.5	11.0	4.1
Paducah, KY	McCracken, KY	cold	1	Hardin, IL	0.2	0.5	5.4	1.0
Paducah, KY	McCracken, KY	cold	1	Hardin, TN	0.9	1.6	20.5	15.4
Paducah, KY	McCracken, KY	cold	1	Haywood, TN	0.8	2.9	20.5	1.2
Paducah, KY	McCracken, KY	cold	1	Henderson, KY	1.3	3.9	26.1	40.6
Paducah, KY	McCracken, KY	cold	1	Henderson, TN	0.8	0.9	13.4	2.0
Paducah, KY	McCracken, KY	cold	1	Henry, TN	1.0	1.4	12.5	1.9
Paducah, KY	McCracken, KY	cold	1	Hickman, KY	0.5	0.9	8.1	1.3
Paducah, KY	McCracken, KY	cold	1	Hickman, TN	0.7	0.7	15.9	0.5
Paducah, KY	McCracken, KY	cold	1	Hopkins, KY	0.8	1.5	14.5	2.2
Paducah, KY	McCracken, KY	cold	1	Houston, TN	0.2	0.3	3.8	0.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Paducah, KY	McCracken, KY	cold	1	Humphreys, TN	2.9	23.8	109.6	366.8
Paducah, KY	McCracken, KY	cold	1	Iron, MO	0.5	0.7	3.2	224.3
Paducah, KY	McCracken, KY	cold	1	Jackson, IL	1.3	2.3	20.0	5.6
Paducah, KY	McCracken, KY	cold	1	Jefferson, IL	1.2	2.7	15.7	1.1
Paducah, KY	McCracken, KY	cold	1	Jefferson, MO	3.9	9.1	78.9	215.0
Paducah, KY	McCracken, KY	cold	1	Johnson, IL	0.4	0.8	4.3	1.0
Paducah, KY	McCracken, KY	cold	1	Lake, TN	1.1	1.9	12.1	2.2
Paducah, KY	McCracken, KY	cold	1	Lauderdale, TN	1.4	2.9	14.0	3.0
Paducah, KY	McCracken, KY	cold	1	Lewis, TN	0.2	0.3	1.2	0.2
Paducah, KY	McCracken, KY	cold	1	Livingston, KY	0.6	0.9	10.2	1.6
Paducah, KY	McCracken, KY	cold	1	Logan, KY	0.9	2.1	6.5	2.2
Paducah, KY	McCracken, KY	cold	1	Lyon, KY	0.5	0.6	8.1	0.7
Paducah, KY	McCracken, KY	cold	1	Madison, MO	0.5	0.5	2.7	0.4
Paducah, KY	McCracken, KY	cold	1	Madison, TN	2.7	8.5	30.7	7.1
Paducah, KY	McCracken, KY	cold	1	Marshall, KY	1.3	1.9	14.7	10.0
Paducah, KY	McCracken, KY	cold	1	Massac, IL	0.7	7.9	58.3	126.8
Paducah, KY	McCracken, KY	cold	1	McCracken, KY	1.4	4.4	117.0	183.8
Paducah, KY	McCracken, KY	cold	1	McLean, KY	0.4	1.1	2.3	0.3
Paducah, KY	McCracken, KY	cold	1	Mississippi, AR	4.3	6.1	40.9	9.9
Paducah, KY	McCracken, KY	cold	1	Mississippi, MO	2.0	3.5	21.1	3.2
Paducah, KY	McCracken, KY	cold	1	Monroe, IL	1.1	2.4	14.4	1.4
Paducah, KY	McCracken, KY	cold	1	Montgomery, TN	2.3	4.1	26.2	10.2
Paducah, KY	McCracken, KY	cold	1	Muhlenberg, KY	1.6	14.1	184.4	475.6
Paducah, KY	McCracken, KY	cold	1	New Madrid, MO	2.3	8.1	172.9	87.3
Paducah, KY	McCracken, KY	cold	1	Obion, TN	1.2	2.8	13.2	2.9
Paducah, KY	McCracken, KY	cold	1	Ohio, KY	0.7	2.5	33.9	53.0
Paducah, KY	McCracken, KY	cold	1	Pemiscot, MO	1.7	4.2	16.9	2.1
Paducah, KY	McCracken, KY	cold	1	Perry, IL	0.7	2.0	5.7	0.4
Paducah, KY	McCracken, KY	cold	1	Perry, MO	1.0	2.2	13.5	2.9
Paducah, KY	McCracken, KY	cold	1	Perry, TN	0.3	0.3	5.5	1.1
Paducah, KY	McCracken, KY	cold	1	Pope, IL	0.2	0.4	5.8	1.0
Paducah, KY	McCracken, KY	cold	1	Posey, IN	0.9	5.9	57.4	68.5
Paducah, KY	McCracken, KY	cold	1	Pulaski, IL	0.4	1.2	6.4	1.7
Paducah, KY	McCracken, KY	cold	1	Randolph, IL	1.4	9.3	44.3	116.1
Paducah, KY	McCracken, KY	cold	1	Robertson, TN	1.4	1.9	18.3	2.6
Paducah, KY	McCracken, KY	cold	1	Saline, IL	0.6	2.3	8.9	0.6
Paducah, KY	McCracken, KY	cold	1	Scott, MO	1.8	4.9	34.1	38.8
Paducah, KY	McCracken, KY	cold	1	St. Clair, IL	2.3	4.6	48.3	10.1
Paducah, KY	McCracken, KY	cold	1	St. Francois, MO	1.2	2.2	9.7	2.1
Paducah, KY	McCracken, KY	cold	1	Ste Genevieve, MO	0.8	2.8	31.8	30.9
Paducah, KY	McCracken, KY	cold	1	Stewart, TN	1.2	9.7	135.7	83.7
Paducah, KY	McCracken, KY	cold	1	Stoddard, MO	2.7	6.9	13.2	2.4
Paducah, KY	McCracken, KY	cold	1	Todd, KY	0.5	1.0	3.9	0.9
Paducah, KY	McCracken, KY	cold	1	Trigg, KY	1.2	1.3	6.3	1.0
Paducah, KY	McCracken, KY	cold	1	Union, IL	0.8	1.4	13.0	4.8
Paducah, KY	McCracken, KY	cold	1	Union, KY	0.6	1.7	8.3	1.7
Paducah, KY	McCracken, KY	cold	1	Vanderburgh, IN	1.5	5.5	33.2	9.6
Paducah, KY	McCracken, KY	cold	1	Wabash, IL	0.4	1.4	2.8	0.3
Paducah, KY	McCracken, KY	cold	1	Warrick, IN	2.5	32.4	86.3	435.0
Paducah, KY	McCracken, KY	cold	1	Washington, IL	0.7	3.0	8.3	0.6
Paducah, KY	McCracken, KY	cold	1	Washington, MO	1.0	0.8	3.3	0.5
Paducah, KY	McCracken, KY	cold	1	Wayne, IL	1.0	2.9	8.4	1.5
Paducah, KY	McCracken, KY	cold	1	Wayne, MO	0.7	0.6	2.9	0.4
Paducah, KY	McCracken, KY	cold	1	Wayne, TN	0.9	1.0	5.7	1.2
Paducah, KY	McCracken, KY	cold	1	Weakley, TN	1.2	2.3	6.3	1.9
Paducah, KY	McCracken, KY	cold	1	Webster, KY	0.8	3.8	57.3	77.7
Paducah, KY	McCracken, KY	cold	1	White, IL	0.7	2.5	9.1	0.4
Paducah, KY	McCracken, KY	cold	1	Williamson, IL	1.5	8.4	33.6	34.7
Paducah, KY	McCracken, KY	warm	15	Alexander, IL	14.5	24.0	266.6	98.3
Paducah, KY	McCracken, KY	warm	15	Ballard, KY	13.7	30.8	273.0	90.9
Paducah, KY	McCracken, KY	warm	15	Benton, TN	12.1	11.0	193.7	23.7
Paducah, KY	McCracken, KY	warm	15	Bollinger, MO	14.8	26.0	142.9	6.2
Paducah, KY	McCracken, KY	warm	15	Butler, KY	7.2	15.5	57.7	18.6
Paducah, KY	McCracken, KY	warm	15	Butler, MO	44.3	88.2	251.2	54.6
Paducah, KY	McCracken, KY	warm	15	Caldwell, KY	7.6	24.7	58.2	11.3
Paducah, KY	McCracken, KY	warm	15	Calloway, KY	19.0	31.2	195.5	52.4
Paducah, KY	McCracken, KY	warm	15	Cape Girardeau, MO	43.2	114.3	658.9	274.6
Paducah, KY	McCracken, KY	warm	15	Carlisle, KY	6.6	12.1	141.2	22.8
Paducah, KY	McCracken, KY	warm	15	Carroll, TN	25.4	45.9	128.9	25.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Paducah, KY	McCracken, KY	warm	15	Cheatham, TN	22.9	23.4	213.0	31.9
Paducah, KY	McCracken, KY	warm	15	Chester, TN	5.9	9.5	48.7	7.3
Paducah, KY	McCracken, KY	warm	15	Christian, KY	23.7	46.5	386.9	83.7
Paducah, KY	McCracken, KY	warm	15	Clay, AR	52.5	68.8	203.1	48.9
Paducah, KY	McCracken, KY	warm	15	Craighead, AR	50.1	80.3	473.8	133.1
Paducah, KY	McCracken, KY	warm	15	Crittenden, KY	8.1	10.3	187.0	36.5
Paducah, KY	McCracken, KY	warm	15	Crockett, TN	9.7	44.3	74.9	12.2
Paducah, KY	McCracken, KY	warm	15	Daviess, KY	36.0	96.0	1164.7	745.6
Paducah, KY	McCracken, KY	warm	15	Decatur, TN	10.4	13.8	144.8	22.5
Paducah, KY	McCracken, KY	warm	15	Dickson, TN	29.6	55.6	314.9	42.4
Paducah, KY	McCracken, KY	warm	15	Dunklin, MO	29.2	100.7	182.3	28.8
Paducah, KY	McCracken, KY	warm	15	Dyer, TN	25.5	64.3	385.5	115.2
Paducah, KY	McCracken, KY	warm	15	Edwards, IL	5.8	25.8	48.1	3.7
Paducah, KY	McCracken, KY	warm	15	Franklin, IL	15.9	41.7	224.1	13.1
Paducah, KY	McCracken, KY	warm	15	Fulton, KY	16.3	22.6	203.5	41.6
Paducah, KY	McCracken, KY	warm	15	Gallatin, IL	7.0	36.9	97.7	14.3
Paducah, KY	McCracken, KY	warm	15	Gibson, IN	41.1	536.5	3201.4	15174.7
Paducah, KY	McCracken, KY	warm	15	Gibson, TN	19.1	59.9	186.3	60.3
Paducah, KY	McCracken, KY	warm	15	Graves, KY	27.3	50.1	170.1	40.5
Paducah, KY	McCracken, KY	warm	15	Greene, AR	61.3	75.9	317.6	93.2
Paducah, KY	McCracken, KY	warm	15	Hamilton, IL	12.4	39.6	69.4	6.1
Paducah, KY	McCracken, KY	warm	15	Hardeman, TN	16.9	31.9	228.0	84.6
Paducah, KY	McCracken, KY	warm	15	Hardin, IL	4.7	11.0	112.4	19.8
Paducah, KY	McCracken, KY	warm	15	Hardin, TN	19.0	33.0	426.8	319.5
Paducah, KY	McCracken, KY	warm	15	Haywood, TN	16.0	60.1	425.7	25.9
Paducah, KY	McCracken, KY	warm	15	Henderson, KY	26.1	80.2	541.7	844.3
Paducah, KY	McCracken, KY	warm	15	Henderson, TN	17.1	18.6	278.9	41.9
Paducah, KY	McCracken, KY	warm	15	Henry, TN	20.3	30.0	260.8	40.3
Paducah, KY	McCracken, KY	warm	15	Hickman, KY	10.5	19.7	167.3	28.0
Paducah, KY	McCracken, KY	warm	15	Hickman, TN	15.0	14.5	330.4	10.4
Paducah, KY	McCracken, KY	warm	15	Hopkins, KY	17.0	32.0	301.8	46.5
Paducah, KY	McCracken, KY	warm	15	Houston, TN	5.1	6.8	79.9	14.8
Paducah, KY	McCracken, KY	warm	15	Humphreys, TN	60.5	493.7	2278.2	7624.0
Paducah, KY	McCracken, KY	warm	15	Iron, MO	10.5	15.4	66.8	4662.6
Paducah, KY	McCracken, KY	warm	15	Jackson, IL	27.7	47.2	415.2	117.3
Paducah, KY	McCracken, KY	warm	15	Jefferson, IL	25.6	57.1	325.5	22.6
Paducah, KY	McCracken, KY	warm	15	Jefferson, MO	80.8	188.1	1639.4	4468.0
Paducah, KY	McCracken, KY	warm	15	Johnson, IL	7.6	16.1	90.1	21.3
Paducah, KY	McCracken, KY	warm	15	Lake, TN	22.3	39.9	252.3	46.0
Paducah, KY	McCracken, KY	warm	15	Lauderdale, TN	28.8	59.4	291.1	61.3
Paducah, KY	McCracken, KY	warm	15	Lewis, TN	4.3	6.5	24.1	5.0
Paducah, KY	McCracken, KY	warm	15	Livingston, KY	11.9	18.3	211.3	33.0
Paducah, KY	McCracken, KY	warm	15	Logan, KY	18.1	44.0	136.1	46.6
Paducah, KY	McCracken, KY	warm	15	Lyon, KY	9.5	13.0	168.1	13.8
Paducah, KY	McCracken, KY	warm	15	Madison, MO	10.5	9.6	56.9	7.3
Paducah, KY	McCracken, KY	warm	15	Madison, TN	55.3	176.4	638.9	147.7
Paducah, KY	McCracken, KY	warm	15	Marshall, KY	26.3	38.7	305.7	208.2
Paducah, KY	McCracken, KY	warm	15	Massac, IL	15.6	164.4	1212.7	2635.7
Paducah, KY	McCracken, KY	warm	15	McCracken, KY	28.7	92.0	2431.7	3819.2
Paducah, KY	McCracken, KY	warm	15	McLean, KY	9.2	22.3	47.4	6.2
Paducah, KY	McCracken, KY	warm	15	Mississippi, AR	89.1	126.7	850.8	205.6
Paducah, KY	McCracken, KY	warm	15	Mississippi, MO	40.9	71.8	437.7	66.0
Paducah, KY	McCracken, KY	warm	15	Monroe, IL	23.0	49.1	299.7	28.8
Paducah, KY	McCracken, KY	warm	15	Montgomery, TN	47.4	85.6	544.6	211.4
Paducah, KY	McCracken, KY	warm	15	Muhlenberg, KY	33.0	293.4	3833.0	9885.1
Paducah, KY	McCracken, KY	warm	15	New Madrid, MO	47.4	168.1	3592.8	1814.7
Paducah, KY	McCracken, KY	warm	15	Obion, TN	24.8	58.8	274.5	61.0
Paducah, KY	McCracken, KY	warm	15	Ohio, KY	15.1	53.0	705.6	1101.6
Paducah, KY	McCracken, KY	warm	15	Pemiscot, MO	34.9	87.9	351.2	44.5
Paducah, KY	McCracken, KY	warm	15	Perry, IL	14.7	41.1	117.5	8.9
Paducah, KY	McCracken, KY	warm	15	Perry, MO	19.8	46.6	281.3	60.0
Paducah, KY	McCracken, KY	warm	15	Perry, TN	5.7	7.0	113.6	23.4
Paducah, KY	McCracken, KY	warm	15	Pope, IL	4.9	9.2	119.5	20.3
Paducah, KY	McCracken, KY	warm	15	Posey, IN	18.9	122.4	1192.2	1424.7
Paducah, KY	McCracken, KY	warm	15	Pulaski, IL	8.9	24.0	133.8	34.4
Paducah, KY	McCracken, KY	warm	15	Randolph, IL	30.0	192.5	920.0	2412.2
Paducah, KY	McCracken, KY	warm	15	Robertson, TN	28.2	39.8	379.4	54.9
Paducah, KY	McCracken, KY	warm	15	Saline, IL	13.2	47.2	184.2	12.3
Paducah, KY	McCracken, KY	warm	15	Scott, MO	37.7	101.8	709.4	805.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Paducah, KY	McCracken, KY	warm	15	St. Clair, IL	47.7	95.5	1003.3	210.0
Paducah, KY	McCracken, KY	warm	15	St. Francois, MO	24.2	46.7	200.8	43.2
Paducah, KY	McCracken, KY	warm	15	Ste Genevieve, MO	17.6	58.6	661.1	642.4
Paducah, KY	McCracken, KY	warm	15	Stewart, TN	24.6	200.6	2821.2	1740.7
Paducah, KY	McCracken, KY	warm	15	Stoddard, MO	56.4	143.1	274.4	50.1
Paducah, KY	McCracken, KY	warm	15	Todd, KY	10.8	20.0	81.7	18.4
Paducah, KY	McCracken, KY	warm	15	Trigg, KY	24.6	27.1	130.6	21.8
Paducah, KY	McCracken, KY	warm	15	Union, IL	17.1	28.2	270.2	99.7
Paducah, KY	McCracken, KY	warm	15	Union, KY	13.4	34.5	172.5	35.6
Paducah, KY	McCracken, KY	warm	15	Vanderburgh, IN	30.2	113.4	691.0	198.9
Paducah, KY	McCracken, KY	warm	15	Wabash, IL	7.6	29.5	57.5	5.3
Paducah, KY	McCracken, KY	warm	15	Warrick, IN	53.0	673.8	1793.3	9041.4
Paducah, KY	McCracken, KY	warm	15	Washington, IL	15.1	62.9	171.6	11.5
Paducah, KY	McCracken, KY	warm	15	Washington, MO	21.4	17.3	68.0	10.7
Paducah, KY	McCracken, KY	warm	15	Wayne, IL	19.8	60.8	173.8	31.8
Paducah, KY	McCracken, KY	warm	15	Wayne, MO	13.9	12.5	60.8	7.5
Paducah, KY	McCracken, KY	warm	15	Wayne, TN	18.9	20.2	119.1	24.1
Paducah, KY	McCracken, KY	warm	15	Weakley, TN	25.7	47.4	130.5	40.2
Paducah, KY	McCracken, KY	warm	15	Webster, KY	16.4	79.6	1190.0	1615.5
Paducah, KY	McCracken, KY	warm	15	White, IL	14.1	51.8	188.6	8.4
Paducah, KY	McCracken, KY	warm	15	Williamson, IL	31.0	174.5	699.1	720.9
Parkersburg, WV	Wood, WV	warm	17	Adams, OH	54.9	528.9	3758.1	14035.2
Parkersburg, WV	Wood, WV	warm	17	Alleghany, VA	14.7	13.6	150.7	24.9
Parkersburg, WV	Wood, WV	warm	17	Allegheny, PA	249.4	269.6	7032.2	5719.0
Parkersburg, WV	Wood, WV	warm	17	Ashland, OH	40.3	55.3	376.4	24.5
Parkersburg, WV	Wood, WV	warm	17	Athens, OH	25.3	25.3	363.8	162.1
Parkersburg, WV	Wood, WV	warm	17	Barbour, WV	6.8	15.7	74.2	12.0
Parkersburg, WV	Wood, WV	warm	17	Bath, VA	4.7	8.9	24.9	10.7
Parkersburg, WV	Wood, WV	warm	17	Beaver, PA	50.1	235.5	3711.1	5050.3
Parkersburg, WV	Wood, WV	warm	17	Belmont, OH	43.6	251.1	1110.1	4225.1
Parkersburg, WV	Wood, WV	warm	17	Bland, VA	4.9	9.6	96.0	9.0
Parkersburg, WV	Wood, WV	warm	17	Boone, WV	14.9	17.6	142.4	11.5
Parkersburg, WV	Wood, WV	warm	17	Boyd, KY	45.8	113.6	1124.8	1166.7
Parkersburg, WV	Wood, WV	warm	17	Braxton, WV	11.7	16.2	189.0	27.0
Parkersburg, WV	Wood, WV	warm	17	Brooke, WV	21.2	39.0	236.7	149.9
Parkersburg, WV	Wood, WV	warm	17	Brown, OH	27.6	44.8	291.3	37.0
Parkersburg, WV	Wood, WV	warm	17	Buchanan, VA	17.0	43.5	173.3	586.4
Parkersburg, WV	Wood, WV	warm	17	Cabell, WV	48.2	55.6	1182.7	483.9
Parkersburg, WV	Wood, WV	warm	17	Calhoun, WV	3.0	8.2	88.1	4.1
Parkersburg, WV	Wood, WV	warm	17	Carroll, OH	15.7	21.4	180.7	13.6
Parkersburg, WV	Wood, WV	warm	17	Carter, KY	16.1	24.4	262.8	17.8
Parkersburg, WV	Wood, WV	warm	17	Champaign, OH	18.6	46.7	169.0	14.5
Parkersburg, WV	Wood, WV	warm	17	Clark, OH	31.9	70.7	614.8	47.4
Parkersburg, WV	Wood, WV	warm	17	Clay, WV	5.6	10.3	34.6	4.8
Parkersburg, WV	Wood, WV	warm	17	Clinton, OH	24.4	49.6	304.3	22.1
Parkersburg, WV	Wood, WV	warm	17	Columbiana, OH	40.6	47.6	486.3	58.3
Parkersburg, WV	Wood, WV	warm	17	Coshocton, OH	53.8	614.0	2561.9	11866.9
Parkersburg, WV	Wood, WV	warm	17	Delaware, OH	57.1	95.0	755.8	64.5
Parkersburg, WV	Wood, WV	warm	17	Doddridge, WV	3.1	8.3	107.0	5.9
Parkersburg, WV	Wood, WV	warm	17	Fairfield, OH	43.3	76.1	660.2	50.0
Parkersburg, WV	Wood, WV	warm	17	Fayette, OH	16.1	52.3	244.6	17.2
Parkersburg, WV	Wood, WV	warm	17	Fayette, PA	33.1	37.9	451.6	143.5
Parkersburg, WV	Wood, WV	warm	17	Fayette, WV	29.3	38.4	501.5	399.5
Parkersburg, WV	Wood, WV	warm	17	Franklin, OH	147.5	112.0	4189.6	454.9
Parkersburg, WV	Wood, WV	warm	17	Gallia, OH	55.4	635.9	6559.4	11189.4
Parkersburg, WV	Wood, WV	warm	17	Giles, VA	17.6	99.8	1070.1	2216.1
Parkersburg, WV	Wood, WV	warm	17	Gilmer, WV	4.0	8.7	121.7	9.2
Parkersburg, WV	Wood, WV	warm	17	Greenbrier, WV	23.9	22.7	230.4	31.3
Parkersburg, WV	Wood, WV	warm	17	Greene, OH	29.4	74.2	944.3	199.8
Parkersburg, WV	Wood, WV	warm	17	Greene, PA	65.8	799.8	2263.7	16283.8
Parkersburg, WV	Wood, WV	warm	17	Greenup, KY	16.7	17.5	455.7	242.5
Parkersburg, WV	Wood, WV	warm	17	Guernsey, OH	28.8	25.8	666.0	88.7
Parkersburg, WV	Wood, WV	warm	17	Hancock, WV	78.2	221.9	489.3	226.5
Parkersburg, WV	Wood, WV	warm	17	Harrison, OH	10.6	13.0	73.2	14.5
Parkersburg, WV	Wood, WV	warm	17	Harrison, WV	46.1	228.9	2645.2	587.5
Parkersburg, WV	Wood, WV	warm	17	Highland, OH	24.3	44.4	172.1	14.6
Parkersburg, WV	Wood, WV	warm	17	Hocking, OH	18.3	21.0	238.2	25.6
Parkersburg, WV	Wood, WV	warm	17	Holmes, OH	27.4	40.7	167.1	18.6
Parkersburg, WV	Wood, WV	warm	17	Jackson, OH	19.0	20.6	114.6	16.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Parkersburg, WV	Wood, WV	warm	17	Jackson, WV	21.0	64.3	337.4	369.6
Parkersburg, WV	Wood, WV	warm	17	Jefferson, OH	80.2	1024.9	5128.7	24891.7
Parkersburg, WV	Wood, WV	warm	17	Kanawha, WV	95.2	116.8	2665.0	2403.7
Parkersburg, WV	Wood, WV	warm	17	Knox, OH	30.7	51.1	239.4	20.6
Parkersburg, WV	Wood, WV	warm	17	Lawrence, KY	22.1	228.9	1529.0	5582.1
Parkersburg, WV	Wood, WV	warm	17	Lawrence, OH	74.7	42.6	418.7	63.7
Parkersburg, WV	Wood, WV	warm	17	Lewis, KY	15.4	15.9	327.9	54.6
Parkersburg, WV	Wood, WV	warm	17	Lewis, WV	8.0	11.4	394.7	38.4
Parkersburg, WV	Wood, WV	warm	17	Licking, OH	84.3	129.1	826.3	85.1
Parkersburg, WV	Wood, WV	warm	17	Lincoln, WV	9.9	13.8	63.1	5.3
Parkersburg, WV	Wood, WV	warm	17	Logan, WV	15.7	16.9	109.0	11.2
Parkersburg, WV	Wood, WV	warm	17	Madison, OH	19.6	73.0	346.6	21.2
Parkersburg, WV	Wood, WV	warm	17	Marion, OH	27.0	63.8	380.0	72.5
Parkersburg, WV	Wood, WV	warm	17	Marion, WV	21.0	38.0	455.4	390.3
Parkersburg, WV	Wood, WV	warm	17	Marshall, WV	34.3	402.1	4436.9	13113.4
Parkersburg, WV	Wood, WV	warm	17	Martin, KY	7.8	13.5	95.9	19.3
Parkersburg, WV	Wood, WV	warm	17	Mason, WV	34.0	311.4	2729.0	9206.3
Parkersburg, WV	Wood, WV	warm	17	Mc Dowell, WV	14.2	16.9	160.4	37.9
Parkersburg, WV	Wood, WV	warm	17	Meigs, OH	17.1	17.5	240.2	37.6
Parkersburg, WV	Wood, WV	warm	17	Mercer, WV	30.7	29.3	351.9	49.6
Parkersburg, WV	Wood, WV	warm	17	Mingo, WV	15.7	17.6	321.1	25.3
Parkersburg, WV	Wood, WV	warm	17	Monongalia, WV	52.2	448.6	1439.2	9366.7
Parkersburg, WV	Wood, WV	warm	17	Monroe, OH	17.0	37.6	275.4	381.6
Parkersburg, WV	Wood, WV	warm	17	Monroe, WV	6.3	11.4	53.8	21.0
Parkersburg, WV	Wood, WV	warm	17	Morgan, OH	9.8	14.4	44.6	3.8
Parkersburg, WV	Wood, WV	warm	17	Morrow, OH	22.9	44.9	276.7	15.5
Parkersburg, WV	Wood, WV	warm	17	Muskingum, OH	35.7	54.4	518.3	114.0
Parkersburg, WV	Wood, WV	warm	17	Nicholas, WV	14.4	19.4	117.5	18.9
Parkersburg, WV	Wood, WV	warm	17	Noble, OH	10.2	13.2	155.0	6.3
Parkersburg, WV	Wood, WV	warm	17	Ohio, WV	16.3	16.1	369.5	60.2
Parkersburg, WV	Wood, WV	warm	17	Perry, OH	16.7	26.8	212.6	18.8
Parkersburg, WV	Wood, WV	warm	17	Pickaway, OH	25.8	102.6	557.9	755.2
Parkersburg, WV	Wood, WV	warm	17	Pike, KY	41.1	45.9	424.8	42.8
Parkersburg, WV	Wood, WV	warm	17	Pike, OH	28.6	32.2	208.2	265.3
Parkersburg, WV	Wood, WV	warm	17	Pleasants, WV	16.1	165.0	1656.9	6890.1
Parkersburg, WV	Wood, WV	warm	17	Pocahontas, WV	6.4	9.9	41.9	31.7
Parkersburg, WV	Wood, WV	warm	17	Preston, WV	18.0	103.2	440.9	1907.9
Parkersburg, WV	Wood, WV	warm	17	Putnam, WV	52.0	423.6	4154.2	12621.1
Parkersburg, WV	Wood, WV	warm	17	Raleigh, WV	35.9	37.1	377.2	38.8
Parkersburg, WV	Wood, WV	warm	17	Randolph, WV	15.2	16.2	284.7	24.1
Parkersburg, WV	Wood, WV	warm	17	Richland, OH	43.7	67.3	772.2	485.6
Parkersburg, WV	Wood, WV	warm	17	Ritchie, WV	4.8	9.6	78.7	14.3
Parkersburg, WV	Wood, WV	warm	17	Roane, WV	6.3	10.9	66.6	9.6
Parkersburg, WV	Wood, WV	warm	17	Ross, OH	37.7	61.9	747.2	2713.7
Parkersburg, WV	Wood, WV	warm	17	Scioto, OH	46.2	37.3	553.5	61.7
Parkersburg, WV	Wood, WV	warm	17	Stark, OH	63.7	93.0	1449.6	259.3
Parkersburg, WV	Wood, WV	warm	17	Summers, WV	6.3	10.2	85.1	10.3
Parkersburg, WV	Wood, WV	warm	17	Taylor, WV	5.7	17.1	161.9	47.1
Parkersburg, WV	Wood, WV	warm	17	Tazewell, VA	23.2	24.5	198.5	32.0
Parkersburg, WV	Wood, WV	warm	17	Tucker, WV	5.5	19.5	60.8	14.6
Parkersburg, WV	Wood, WV	warm	17	Tuscarawas, OH	32.7	36.8	546.5	321.1
Parkersburg, WV	Wood, WV	warm	17	Tyler, WV	6.2	11.5	157.6	54.6
Parkersburg, WV	Wood, WV	warm	17	Union, OH	34.6	78.2	265.9	23.7
Parkersburg, WV	Wood, WV	warm	17	Upshur, WV	12.5	16.2	135.1	15.4
Parkersburg, WV	Wood, WV	warm	17	Vinton, OH	9.3	11.4	52.9	8.1
Parkersburg, WV	Wood, WV	warm	17	Washington, OH	82.3	731.8	2703.4	18261.9
Parkersburg, WV	Wood, WV	warm	17	Washington, PA	57.1	114.9	1812.3	702.0
Parkersburg, WV	Wood, WV	warm	17	Wayne, WV	49.6	21.8	846.5	115.7
Parkersburg, WV	Wood, WV	warm	17	Webster, WV	4.1	8.6	23.8	7.2
Parkersburg, WV	Wood, WV	warm	17	Westmoreland, PA	88.7	98.5	1850.5	389.6
Parkersburg, WV	Wood, WV	warm	17	Wetzel, WV	9.5	11.5	442.7	76.8
Parkersburg, WV	Wood, WV	warm	17	Wirt, WV	2.7	7.7	14.9	2.0
Parkersburg, WV	Wood, WV	warm	17	Wood, WV	46.7	57.7	651.8	693.7
Parkersburg, WV	Wood, WV	warm	17	Wyoming, WV	12.7	34.8	344.3	37.8
Philadelphia, PA	Berks, PA	cold	2	Accomack, VA	6.1	9.0	59.0	23.1
Philadelphia, PA	Berks, PA	cold	2	Adams, PA	10.5	16.0	66.6	13.7
Philadelphia, PA	Berks, PA	cold	2	Anne Arundel, MD	30.9	74.1	791.8	1664.3
Philadelphia, PA	Berks, PA	cold	2	Atlantic, NJ	24.7	14.2	172.4	17.7
Philadelphia, PA	Berks, PA	cold	2	Baltimore (City), MD	18.3	29.2	449.6	269.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Philadelphia, PA	Berks, PA	cold	2	Baltimore, MD	44.6	92.7	812.9	1052.5
Philadelphia, PA	Berks, PA	cold	2	Berks, PA	21.7	51.8	426.5	445.1
Philadelphia, PA	Berks, PA	cold	2	Bucks, PA	20.7	25.0	396.0	93.2
Philadelphia, PA	Berks, PA	cold	2	Burlington, NJ	26.8	17.4	367.2	79.4
Philadelphia, PA	Berks, PA	cold	2	Calvert, MD	7.9	7.1	44.1	10.0
Philadelphia, PA	Berks, PA	cold	2	Camden, NJ	14.1	7.9	326.7	43.4
Philadelphia, PA	Berks, PA	cold	2	Cape May, NJ	14.1	22.2	184.3	257.0
Philadelphia, PA	Berks, PA	cold	2	Carbon, PA	7.4	7.5	68.7	33.8
Philadelphia, PA	Berks, PA	cold	2	Caroline, MD	2.8	5.1	26.2	13.3
Philadelphia, PA	Berks, PA	cold	2	Carroll, MD	15.4	19.3	151.2	34.8
Philadelphia, PA	Berks, PA	cold	2	Cecil, MD	10.5	9.6	93.4	30.6
Philadelphia, PA	Berks, PA	cold	2	Chester, PA	18.8	29.0	389.3	188.5
Philadelphia, PA	Berks, PA	cold	2	Columbia, PA	4.8	7.6	62.4	18.7
Philadelphia, PA	Berks, PA	cold	2	Cumberland, NJ	10.4	9.6	153.9	75.4
Philadelphia, PA	Berks, PA	cold	2	Cumberland, PA	16.5	20.3	340.9	46.6
Philadelphia, PA	Berks, PA	cold	2	Dauphin, PA	12.4	12.1	295.9	57.6
Philadelphia, PA	Berks, PA	cold	2	Delaware, PA	20.4	29.2	776.0	480.1
Philadelphia, PA	Berks, PA	cold	2	Dorchester, MD	5.3	7.9	46.3	53.1
Philadelphia, PA	Berks, PA	cold	2	Franklin, PA	9.1	15.5	129.0	20.1
Philadelphia, PA	Berks, PA	cold	2	Frederick, MD	24.8	31.6	266.9	218.8
Philadelphia, PA	Berks, PA	cold	2	Gloucester, NJ	16.0	18.1	299.8	167.8
Philadelphia, PA	Berks, PA	cold	2	Harford, MD	20.7	20.2	172.4	54.4
Philadelphia, PA	Berks, PA	cold	2	Howard, MD	14.1	10.7	233.3	56.7
Philadelphia, PA	Berks, PA	cold	2	Hunterdon, NJ	10.7	7.2	91.6	13.1
Philadelphia, PA	Berks, PA	cold	2	Huntingdon, PA	6.1	7.0	59.6	18.7
Philadelphia, PA	Berks, PA	cold	2	Juniata, PA	2.9	3.8	42.6	5.9
Philadelphia, PA	Berks, PA	cold	2	Kent, DE	10.2	12.0	214.3	105.6
Philadelphia, PA	Berks, PA	cold	2	Kent, MD	3.8	6.5	23.6	11.1
Philadelphia, PA	Berks, PA	cold	2	Lackawanna, PA	7.9	10.7	157.1	30.1
Philadelphia, PA	Berks, PA	cold	2	Lancaster, PA	27.3	46.4	386.7	94.7
Philadelphia, PA	Berks, PA	cold	2	Lebanon, PA	8.0	11.5	138.6	41.9
Philadelphia, PA	Berks, PA	cold	2	Lehigh, PA	11.8	17.2	271.3	88.4
Philadelphia, PA	Berks, PA	cold	2	Luzerne, PA	18.5	19.1	245.0	168.8
Philadelphia, PA	Berks, PA	cold	2	Lycoming, PA	7.2	8.3	101.2	25.7
Philadelphia, PA	Berks, PA	cold	2	Mercer, NJ	13.7	22.2	416.0	422.0
Philadelphia, PA	Berks, PA	cold	2	Middlesex, NJ	22.4	11.5	688.0	73.8
Philadelphia, PA	Berks, PA	cold	2	Mifflin, PA	5.8	6.8	63.6	11.6
Philadelphia, PA	Berks, PA	cold	2	Monmouth, NJ	23.3	11.3	395.5	42.2
Philadelphia, PA	Berks, PA	cold	2	Monroe, PA	13.9	12.6	123.7	24.1
Philadelphia, PA	Berks, PA	cold	2	Montgomery, MD	49.4	104.5	631.2	985.9
Philadelphia, PA	Berks, PA	cold	2	Montgomery, PA	26.4	32.1	549.7	127.6
Philadelphia, PA	Berks, PA	cold	2	Montour, PA	9.9	150.2	330.3	3013.0
Philadelphia, PA	Berks, PA	cold	2	Morris, NJ	22.5	12.3	324.9	27.8
Philadelphia, PA	Berks, PA	cold	2	New Castle, DE	21.0	28.3	667.2	1201.8
Philadelphia, PA	Berks, PA	cold	2	Northampton, PA	15.7	88.2	580.7	1424.4
Philadelphia, PA	Berks, PA	cold	2	Northampton, VA	3.0	4.9	31.7	3.5
Philadelphia, PA	Berks, PA	cold	2	Northumberland, PA	7.3	9.4	81.2	35.5
Philadelphia, PA	Berks, PA	cold	2	Ocean, NJ	23.4	12.4	225.9	25.0
Philadelphia, PA	Berks, PA	cold	2	Perry, PA	5.5	5.8	59.3	10.5
Philadelphia, PA	Berks, PA	cold	2	Philadelphia, PA	29.4	22.8	913.5	266.3
Philadelphia, PA	Berks, PA	cold	2	Prince George's, MD	36.1	105.3	824.5	1509.0
Philadelphia, PA	Berks, PA	cold	2	Queen Anne's, MD	6.2	9.2	49.0	11.3
Philadelphia, PA	Berks, PA	cold	2	Salem, NJ	7.4	17.9	170.8	140.3
Philadelphia, PA	Berks, PA	cold	2	Schuylkill, PA	12.9	15.0	146.7	170.7
Philadelphia, PA	Berks, PA	cold	2	Snyder, PA	4.9	20.5	104.6	665.1
Philadelphia, PA	Berks, PA	cold	2	Somerset, MD	3.7	4.0	26.3	6.7
Philadelphia, PA	Berks, PA	cold	2	Somerset, NJ	10.6	8.0	186.0	13.6
Philadelphia, PA	Berks, PA	cold	2	Sullivan, PA	2.2	2.5	7.2	1.5
Philadelphia, PA	Berks, PA	cold	2	Sussex, DE	18.4	49.2	419.6	642.8
Philadelphia, PA	Berks, PA	cold	2	Sussex, NJ	17.5	12.1	64.3	15.8
Philadelphia, PA	Berks, PA	cold	2	Talbot, MD	6.4	7.6	62.1	18.8
Philadelphia, PA	Berks, PA	cold	2	Union, PA	3.4	4.6	46.9	8.5
Philadelphia, PA	Berks, PA	cold	2	Warren, NJ	13.9	11.3	120.0	13.3
Philadelphia, PA	Berks, PA	cold	2	Wicomico, MD	7.6	9.3	65.8	44.9
Philadelphia, PA	Berks, PA	cold	2	Worcester, MD	11.7	11.9	57.9	14.5
Philadelphia, PA	Berks, PA	cold	2	Wyoming, PA	4.9	5.4	39.9	8.0
Philadelphia, PA	Berks, PA	cold	2	York, PA	28.7	132.9	759.8	2797.7
Philadelphia, PA	Berks, PA	warm	2	Accomack, VA	6.8	9.9	65.4	25.6
Philadelphia, PA	Berks, PA	warm	2	Adams, PA	11.6	17.7	73.9	15.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Philadelphia, PA	Berks, PA	warm	2	Anne Arundel, MD	34.3	82.1	877.7	1844.9
Philadelphia, PA	Berks, PA	warm	2	Atlantic, NJ	27.3	15.8	191.1	19.7
Philadelphia, PA	Berks, PA	warm	2	Baltimore (City), MD	20.3	32.3	498.3	298.2
Philadelphia, PA	Berks, PA	warm	2	Baltimore, MD	49.5	102.8	901.1	1166.7
Philadelphia, PA	Berks, PA	warm	2	Berks, PA	24.1	57.5	472.8	493.4
Philadelphia, PA	Berks, PA	warm	2	Bucks, PA	22.9	27.8	439.0	103.3
Philadelphia, PA	Berks, PA	warm	2	Burlington, NJ	29.7	19.3	407.0	88.0
Philadelphia, PA	Berks, PA	warm	2	Calvert, MD	8.8	7.9	48.8	11.1
Philadelphia, PA	Berks, PA	warm	2	Camden, NJ	15.6	8.8	362.1	48.1
Philadelphia, PA	Berks, PA	warm	2	Cape May, NJ	15.6	24.6	204.2	284.9
Philadelphia, PA	Berks, PA	warm	2	Carbon, PA	8.2	8.3	76.2	37.4
Philadelphia, PA	Berks, PA	warm	2	Caroline, MD	3.1	5.7	29.0	14.8
Philadelphia, PA	Berks, PA	warm	2	Carroll, MD	17.1	21.4	167.6	38.6
Philadelphia, PA	Berks, PA	warm	2	Cecil, MD	11.6	10.7	103.6	33.9
Philadelphia, PA	Berks, PA	warm	2	Chester, PA	20.9	32.1	431.6	208.9
Philadelphia, PA	Berks, PA	warm	2	Columbia, PA	5.3	8.4	69.2	20.7
Philadelphia, PA	Berks, PA	warm	2	Cumberland, NJ	11.5	10.7	170.6	83.6
Philadelphia, PA	Berks, PA	warm	2	Cumberland, PA	18.2	22.5	377.9	51.7
Philadelphia, PA	Berks, PA	warm	2	Dauphin, PA	13.8	13.4	328.0	63.9
Philadelphia, PA	Berks, PA	warm	2	Delaware, PA	22.6	32.4	860.2	532.2
Philadelphia, PA	Berks, PA	warm	2	Dorchester, MD	5.8	8.7	51.3	58.8
Philadelphia, PA	Berks, PA	warm	2	Franklin, PA	10.0	17.2	143.0	22.3
Philadelphia, PA	Berks, PA	warm	2	Frederick, MD	27.5	35.0	295.8	242.5
Philadelphia, PA	Berks, PA	warm	2	Gloucester, NJ	17.7	20.0	332.3	186.0
Philadelphia, PA	Berks, PA	warm	2	Harford, MD	23.0	22.3	191.1	60.3
Philadelphia, PA	Berks, PA	warm	2	Howard, MD	15.6	11.9	258.6	62.9
Philadelphia, PA	Berks, PA	warm	2	Hunterdon, NJ	11.9	8.0	101.5	14.5
Philadelphia, PA	Berks, PA	warm	2	Huntingdon, PA	6.7	7.8	66.0	20.7
Philadelphia, PA	Berks, PA	warm	2	Juniata, PA	3.3	4.2	47.2	6.6
Philadelphia, PA	Berks, PA	warm	2	Kent, DE	11.4	13.3	237.6	117.1
Philadelphia, PA	Berks, PA	warm	2	Kent, MD	4.2	7.2	26.2	12.3
Philadelphia, PA	Berks, PA	warm	2	Lackawanna, PA	8.7	11.8	174.1	33.4
Philadelphia, PA	Berks, PA	warm	2	Lancaster, PA	30.3	51.5	428.7	105.0
Philadelphia, PA	Berks, PA	warm	2	Lebanon, PA	8.9	12.8	153.6	46.5
Philadelphia, PA	Berks, PA	warm	2	Lehigh, PA	13.1	19.1	300.7	98.0
Philadelphia, PA	Berks, PA	warm	2	Luzerne, PA	20.5	21.2	271.6	187.1
Philadelphia, PA	Berks, PA	warm	2	Lycoming, PA	8.0	9.2	112.2	28.5
Philadelphia, PA	Berks, PA	warm	2	Mercer, NJ	15.1	24.7	461.2	467.7
Philadelphia, PA	Berks, PA	warm	2	Middlesex, NJ	24.9	12.8	762.7	81.8
Philadelphia, PA	Berks, PA	warm	2	Mifflin, PA	6.4	7.6	70.5	12.8
Philadelphia, PA	Berks, PA	warm	2	Monmouth, NJ	25.9	12.5	438.4	46.8
Philadelphia, PA	Berks, PA	warm	2	Monroe, PA	15.4	14.0	137.1	26.7
Philadelphia, PA	Berks, PA	warm	2	Montgomery, MD	54.8	115.8	699.7	1092.8
Philadelphia, PA	Berks, PA	warm	2	Montgomery, PA	29.2	35.6	609.3	141.5
Philadelphia, PA	Berks, PA	warm	2	Montour, PA	11.0	166.5	366.2	3339.9
Philadelphia, PA	Berks, PA	warm	2	Morris, NJ	24.9	13.6	360.1	30.8
Philadelphia, PA	Berks, PA	warm	2	New Castle, DE	23.3	31.3	739.6	1332.2
Philadelphia, PA	Berks, PA	warm	2	Northampton, PA	17.4	97.8	643.7	1579.0
Philadelphia, PA	Berks, PA	warm	2	Northampton, VA	3.3	5.5	35.2	3.9
Philadelphia, PA	Berks, PA	warm	2	Northumberland, PA	8.1	10.5	90.0	39.4
Philadelphia, PA	Berks, PA	warm	2	Ocean, NJ	26.0	13.7	250.4	27.7
Philadelphia, PA	Berks, PA	warm	2	Perry, PA	6.1	6.4	65.7	11.6
Philadelphia, PA	Berks, PA	warm	2	Philadelphia, PA	32.6	25.2	1012.6	295.2
Philadelphia, PA	Berks, PA	warm	2	Prince George's, MD	40.0	116.8	914.0	1672.7
Philadelphia, PA	Berks, PA	warm	2	Queen Anne's, MD	6.8	10.2	54.3	12.5
Philadelphia, PA	Berks, PA	warm	2	Salem, NJ	8.2	19.9	189.3	155.5
Philadelphia, PA	Berks, PA	warm	2	Schuylkill, PA	14.3	16.6	162.6	189.3
Philadelphia, PA	Berks, PA	warm	2	Snyder, PA	5.4	22.7	115.9	737.2
Philadelphia, PA	Berks, PA	warm	2	Somerset, MD	4.1	4.4	29.1	7.4
Philadelphia, PA	Berks, PA	warm	2	Somerset, NJ	11.8	8.9	206.2	15.1
Philadelphia, PA	Berks, PA	warm	2	Sullivan, PA	2.4	2.7	8.0	1.7
Philadelphia, PA	Berks, PA	warm	2	Sussex, DE	20.4	54.5	465.1	712.5
Philadelphia, PA	Berks, PA	warm	2	Sussex, NJ	19.4	13.4	71.3	17.5
Philadelphia, PA	Berks, PA	warm	2	Talbot, MD	7.1	8.4	68.8	20.9
Philadelphia, PA	Berks, PA	warm	2	Union, PA	3.8	5.1	52.0	9.4
Philadelphia, PA	Berks, PA	warm	2	Warren, NJ	15.4	12.6	133.0	14.7
Philadelphia, PA	Berks, PA	warm	2	Wicomico, MD	8.5	10.3	72.9	49.7
Philadelphia, PA	Berks, PA	warm	2	Worcester, MD	13.0	13.2	64.2	16.1
Philadelphia, PA	Berks, PA	warm	2	Wyoming, PA	5.5	6.0	44.3	8.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Philadelphia, PA	Berks, PA	warm	2	York, PA	31.8	147.4	842.2	3101.2
Philadelphia, PA	Camden, NJ	cold	4	Accomack, VA	2.5	3.6	23.6	9.2
Philadelphia, PA	Camden, NJ	cold	4	Adams, PA	4.2	6.4	26.7	5.5
Philadelphia, PA	Camden, NJ	cold	4	Anne Arundel, MD	12.4	29.6	316.7	665.7
Philadelphia, PA	Camden, NJ	cold	4	Atlantic, NJ	9.9	5.7	69.0	7.1
Philadelphia, PA	Camden, NJ	cold	4	Baltimore (City), MD	7.3	11.7	179.8	107.6
Philadelphia, PA	Camden, NJ	cold	4	Baltimore, MD	17.8	37.1	325.2	421.0
Philadelphia, PA	Camden, NJ	cold	4	Berks, PA	8.7	20.7	170.6	178.1
Philadelphia, PA	Camden, NJ	cold	4	Bucks, PA	8.3	10.0	158.4	37.3
Philadelphia, PA	Camden, NJ	cold	4	Burlington, NJ	10.7	7.0	146.9	31.8
Philadelphia, PA	Camden, NJ	cold	4	Calvert, MD	3.2	2.8	17.6	4.0
Philadelphia, PA	Camden, NJ	cold	4	Camden, NJ	5.6	3.2	130.7	17.4
Philadelphia, PA	Camden, NJ	cold	4	Cape May, NJ	5.6	8.9	73.7	102.8
Philadelphia, PA	Camden, NJ	cold	4	Carbon, PA	2.9	3.0	27.5	13.5
Philadelphia, PA	Camden, NJ	cold	4	Caroline, MD	1.1	2.1	10.5	5.3
Philadelphia, PA	Camden, NJ	cold	4	Carroll, MD	6.2	7.7	60.5	13.9
Philadelphia, PA	Camden, NJ	cold	4	Cecil, MD	4.2	3.9	37.4	12.2
Philadelphia, PA	Camden, NJ	cold	4	Chester, PA	7.5	11.6	155.7	75.4
Philadelphia, PA	Camden, NJ	cold	4	Columbia, PA	1.9	3.0	25.0	7.5
Philadelphia, PA	Camden, NJ	cold	4	Cumberland, NJ	4.1	3.9	61.6	30.2
Philadelphia, PA	Camden, NJ	cold	4	Cumberland, PA	6.6	8.1	136.4	18.6
Philadelphia, PA	Camden, NJ	cold	4	Dauphin, PA	5.0	4.8	118.4	23.0
Philadelphia, PA	Camden, NJ	cold	4	Delaware, PA	8.2	11.7	310.4	192.0
Philadelphia, PA	Camden, NJ	cold	4	Dorchester, MD	2.1	3.2	18.5	21.2
Philadelphia, PA	Camden, NJ	cold	4	Franklin, PA	3.6	6.2	51.6	8.0
Philadelphia, PA	Camden, NJ	cold	4	Frederick, MD	9.9	12.6	106.7	87.5
Philadelphia, PA	Camden, NJ	cold	4	Gloucester, NJ	6.4	7.2	119.9	67.1
Philadelphia, PA	Camden, NJ	cold	4	Harford, MD	8.3	8.1	69.0	21.8
Philadelphia, PA	Camden, NJ	cold	4	Howard, MD	5.6	4.3	93.3	22.7
Philadelphia, PA	Camden, NJ	cold	4	Hunterdon, NJ	4.3	2.9	36.6	5.2
Philadelphia, PA	Camden, NJ	cold	4	Huntingdon, PA	2.4	2.8	23.8	7.5
Philadelphia, PA	Camden, NJ	cold	4	Juniata, PA	1.2	1.5	17.0	2.4
Philadelphia, PA	Camden, NJ	cold	4	Kent, DE	4.1	4.8	85.7	42.2
Philadelphia, PA	Camden, NJ	cold	4	Kent, MD	1.5	2.6	9.5	4.4
Philadelphia, PA	Camden, NJ	cold	4	Lackawanna, PA	3.2	4.3	62.8	12.0
Philadelphia, PA	Camden, NJ	cold	4	Lancaster, PA	10.9	18.6	154.7	37.9
Philadelphia, PA	Camden, NJ	cold	4	Lebanon, PA	3.2	4.6	55.4	16.8
Philadelphia, PA	Camden, NJ	cold	4	Lehigh, PA	4.7	6.9	108.5	35.4
Philadelphia, PA	Camden, NJ	cold	4	Luzerne, PA	7.4	7.6	98.0	67.5
Philadelphia, PA	Camden, NJ	cold	4	Lycoming, PA	2.9	3.3	40.5	10.3
Philadelphia, PA	Camden, NJ	cold	4	Mercer, NJ	5.5	8.9	166.4	168.8
Philadelphia, PA	Camden, NJ	cold	4	Middlesex, NJ	9.0	4.6	275.2	29.5
Philadelphia, PA	Camden, NJ	cold	4	Mifflin, PA	2.3	2.7	25.4	4.6
Philadelphia, PA	Camden, NJ	cold	4	Monmouth, NJ	9.3	4.5	158.2	16.9
Philadelphia, PA	Camden, NJ	cold	4	Monroe, PA	5.6	5.0	49.5	9.6
Philadelphia, PA	Camden, NJ	cold	4	Montgomery, MD	19.8	41.8	252.5	394.3
Philadelphia, PA	Camden, NJ	cold	4	Montgomery, PA	10.6	12.8	219.9	51.0
Philadelphia, PA	Camden, NJ	cold	4	Montour, PA	4.0	60.1	132.1	1205.2
Philadelphia, PA	Camden, NJ	cold	4	Morris, NJ	9.0	4.9	129.9	11.1
Philadelphia, PA	Camden, NJ	cold	4	New Castle, DE	8.4	11.3	266.9	480.7
Philadelphia, PA	Camden, NJ	cold	4	Northampton, PA	6.3	35.3	232.3	569.8
Philadelphia, PA	Camden, NJ	cold	4	Northampton, VA	1.2	2.0	12.7	1.4
Philadelphia, PA	Camden, NJ	cold	4	Northumberland, PA	2.9	3.8	32.5	14.2
Philadelphia, PA	Camden, NJ	cold	4	Ocean, NJ	9.4	4.9	90.4	10.0
Philadelphia, PA	Camden, NJ	cold	4	Perry, PA	2.2	2.3	23.7	4.2
Philadelphia, PA	Camden, NJ	cold	4	Philadelphia, PA	11.8	9.1	365.4	106.5
Philadelphia, PA	Camden, NJ	cold	4	Prince George's, MD	14.4	42.1	329.8	603.6
Philadelphia, PA	Camden, NJ	cold	4	Queen Anne's, MD	2.5	3.7	19.6	4.5
Philadelphia, PA	Camden, NJ	cold	4	Salem, NJ	3.0	7.2	68.3	56.1
Philadelphia, PA	Camden, NJ	cold	4	Schuylkill, PA	5.2	6.0	58.7	68.3
Philadelphia, PA	Camden, NJ	cold	4	Snyder, PA	2.0	8.2	41.8	266.0
Philadelphia, PA	Camden, NJ	cold	4	Somerset, MD	1.5	1.6	10.5	2.7
Philadelphia, PA	Camden, NJ	cold	4	Somerset, NJ	4.3	3.2	74.4	5.4
Philadelphia, PA	Camden, NJ	cold	4	Sullivan, PA	0.9	1.0	2.9	0.6
Philadelphia, PA	Camden, NJ	cold	4	Sussex, DE	7.3	19.7	167.8	257.1
Philadelphia, PA	Camden, NJ	cold	4	Sussex, NJ	7.0	4.8	25.7	6.3
Philadelphia, PA	Camden, NJ	cold	4	Talbot, MD	2.6	3.0	24.8	7.5
Philadelphia, PA	Camden, NJ	cold	4	Union, PA	1.4	1.8	18.8	3.4
Philadelphia, PA	Camden, NJ	cold	4	Warren, NJ	5.5	4.5	48.0	5.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Philadelphia, PA	Camden, NJ	cold	4	Wicomico, MD	3.1	3.7	26.3	17.9
Philadelphia, PA	Camden, NJ	cold	4	Worcester, MD	4.7	4.8	23.2	5.8
Philadelphia, PA	Camden, NJ	cold	4	Wyoming, PA	2.0	2.2	16.0	3.2
Philadelphia, PA	Camden, NJ	cold	4	York, PA	11.5	53.2	303.9	1119.1
Philadelphia, PA	Camden, NJ	warm	25	Accomack, VA	25.6	37.3	245.2	95.9
Philadelphia, PA	Camden, NJ	warm	25	Adams, PA	43.5	66.4	277.0	56.9
Philadelphia, PA	Camden, NJ	warm	25	Anne Arundel, MD	128.5	307.9	3291.4	6918.4
Philadelphia, PA	Camden, NJ	warm	25	Atlantic, NJ	102.5	59.1	716.7	73.7
Philadelphia, PA	Camden, NJ	warm	25	Baltimore (City), MD	76.2	121.3	1868.7	1118.4
Philadelphia, PA	Camden, NJ	warm	25	Baltimore, MD	185.5	385.3	3379.2	4375.1
Philadelphia, PA	Camden, NJ	warm	25	Berks, PA	90.4	215.4	1773.1	1850.4
Philadelphia, PA	Camden, NJ	warm	25	Bucks, PA	85.9	104.1	1646.3	387.4
Philadelphia, PA	Camden, NJ	warm	25	Burlington, NJ	111.5	72.3	1526.4	330.1
Philadelphia, PA	Camden, NJ	warm	25	Calvert, MD	32.8	29.5	183.2	41.6
Philadelphia, PA	Camden, NJ	warm	25	Camden, NJ	58.5	32.9	1358.0	180.3
Philadelphia, PA	Camden, NJ	warm	25	Cape May, NJ	58.6	92.3	765.9	1068.4
Philadelphia, PA	Camden, NJ	warm	25	Carbon, PA	30.6	31.0	285.6	140.4
Philadelphia, PA	Camden, NJ	warm	25	Caroline, MD	11.7	21.4	108.9	55.5
Philadelphia, PA	Camden, NJ	warm	25	Carroll, MD	64.1	80.4	628.4	144.7
Philadelphia, PA	Camden, NJ	warm	25	Cecil, MD	43.7	40.0	388.4	127.3
Philadelphia, PA	Camden, NJ	warm	25	Chester, PA	78.3	120.4	1618.3	783.4
Philadelphia, PA	Camden, NJ	warm	25	Columbia, PA	19.8	31.4	259.5	77.6
Philadelphia, PA	Camden, NJ	warm	25	Cumberland, NJ	43.1	40.0	639.8	313.4
Philadelphia, PA	Camden, NJ	warm	25	Cumberland, PA	68.4	84.4	1417.1	193.7
Philadelphia, PA	Camden, NJ	warm	25	Dauphin, PA	51.7	50.3	1230.2	239.5
Philadelphia, PA	Camden, NJ	warm	25	Delaware, PA	84.8	121.5	3225.8	1995.7
Philadelphia, PA	Camden, NJ	warm	25	Dorchester, MD	21.8	32.8	192.3	220.6
Philadelphia, PA	Camden, NJ	warm	25	Franklin, PA	37.7	64.5	536.3	83.4
Philadelphia, PA	Camden, NJ	warm	25	Frederick, MD	103.0	131.2	1109.3	909.4
Philadelphia, PA	Camden, NJ	warm	25	Gloucester, NJ	66.4	75.2	1246.2	697.6
Philadelphia, PA	Camden, NJ	warm	25	Harford, MD	86.2	83.8	716.6	226.2
Philadelphia, PA	Camden, NJ	warm	25	Howard, MD	58.7	44.4	969.8	235.7
Philadelphia, PA	Camden, NJ	warm	25	Hunterdon, NJ	44.5	30.0	380.6	54.5
Philadelphia, PA	Camden, NJ	warm	25	Huntingdon, PA	25.2	29.2	247.7	77.6
Philadelphia, PA	Camden, NJ	warm	25	Juniata, PA	12.2	15.9	177.2	24.7
Philadelphia, PA	Camden, NJ	warm	25	Kent, DE	42.6	49.8	891.0	439.0
Philadelphia, PA	Camden, NJ	warm	25	Kent, MD	15.8	26.9	98.2	46.1
Philadelphia, PA	Camden, NJ	warm	25	Lackawanna, PA	32.8	44.4	652.9	125.1
Philadelphia, PA	Camden, NJ	warm	25	Lancaster, PA	113.6	193.0	1607.5	393.8
Philadelphia, PA	Camden, NJ	warm	25	Lebanon, PA	33.2	47.9	576.1	174.3
Philadelphia, PA	Camden, NJ	warm	25	Lehigh, PA	49.1	71.4	1127.7	367.5
Philadelphia, PA	Camden, NJ	warm	25	Luzerne, PA	76.8	79.4	1018.3	701.6
Philadelphia, PA	Camden, NJ	warm	25	Lycoming, PA	30.1	34.3	420.6	106.7
Philadelphia, PA	Camden, NJ	warm	25	Mercer, NJ	56.8	92.5	1729.5	1754.0
Philadelphia, PA	Camden, NJ	warm	25	Middlesex, NJ	93.3	48.0	2860.0	306.8
Philadelphia, PA	Camden, NJ	warm	25	Mifflin, PA	23.9	28.4	264.2	48.0
Philadelphia, PA	Camden, NJ	warm	25	Monmouth, NJ	96.9	46.8	1644.2	175.4
Philadelphia, PA	Camden, NJ	warm	25	Monroe, PA	57.8	52.4	514.2	100.2
Philadelphia, PA	Camden, NJ	warm	25	Montgomery, MD	205.3	434.2	2623.9	4098.1
Philadelphia, PA	Camden, NJ	warm	25	Montgomery, PA	109.7	133.4	2284.9	530.5
Philadelphia, PA	Camden, NJ	warm	25	Montour, PA	41.2	624.5	1373.2	12524.5
Philadelphia, PA	Camden, NJ	warm	25	Morris, NJ	93.5	51.1	1350.4	115.4
Philadelphia, PA	Camden, NJ	warm	25	New Castle, DE	87.3	117.5	2773.7	4995.6
Philadelphia, PA	Camden, NJ	warm	25	Northampton, PA	65.2	366.6	2413.7	5921.1
Philadelphia, PA	Camden, NJ	warm	25	Northampton, VA	12.4	20.5	131.9	14.7
Philadelphia, PA	Camden, NJ	warm	25	Northumberland, PA	30.2	39.2	337.5	147.6
Philadelphia, PA	Camden, NJ	warm	25	Ocean, NJ	97.4	51.4	939.0	103.9
Philadelphia, PA	Camden, NJ	warm	25	Perry, PA	22.9	24.1	246.5	43.5
Philadelphia, PA	Camden, NJ	warm	25	Philadelphia, PA	122.3	94.6	3797.4	1107.1
Philadelphia, PA	Camden, NJ	warm	25	Prince George's, MD	150.1	437.8	3427.4	6272.6
Philadelphia, PA	Camden, NJ	warm	25	Queen Anne's, MD	25.6	38.2	203.5	47.0
Philadelphia, PA	Camden, NJ	warm	25	Salem, NJ	30.8	74.6	709.9	583.0
Philadelphia, PA	Camden, NJ	warm	25	Schuylkill, PA	53.6	62.4	609.7	709.7
Philadelphia, PA	Camden, NJ	warm	25	Snyder, PA	20.3	85.2	434.8	2764.6
Philadelphia, PA	Camden, NJ	warm	25	Somerset, MD	15.2	16.7	109.3	27.9
Philadelphia, PA	Camden, NJ	warm	25	Somerset, NJ	44.2	33.3	773.2	56.5
Philadelphia, PA	Camden, NJ	warm	25	Sullivan, PA	9.1	10.3	30.1	6.3
Philadelphia, PA	Camden, NJ	warm	25	Sussex, DE	76.3	204.5	1744.2	2671.8
Philadelphia, PA	Camden, NJ	warm	25	Sussex, NJ	72.9	50.3	267.3	65.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Philadelphia, PA	Camden, NJ	warm	25	Talbot, MD	26.6	31.4	258.0	78.3
Philadelphia, PA	Camden, NJ	warm	25	Union, PA	14.1	19.0	195.0	35.2
Philadelphia, PA	Camden, NJ	warm	25	Warren, NJ	57.6	47.1	498.9	55.2
Philadelphia, PA	Camden, NJ	warm	25	Wicomico, MD	31.7	38.6	273.5	186.5
Philadelphia, PA	Camden, NJ	warm	25	Worcester, MD	48.8	49.4	240.7	60.3
Philadelphia, PA	Camden, NJ	warm	25	Wyoming, PA	20.6	22.5	166.0	33.1
Philadelphia, PA	Camden, NJ	warm	25	York, PA	119.4	552.6	3158.2	11629.5
Philadelphia, PA	New Castle, DE	cold	6	Accomack, VA	7.4	10.8	70.8	27.7
Philadelphia, PA	New Castle, DE	cold	6	Adams, PA	12.6	19.2	80.0	16.4
Philadelphia, PA	New Castle, DE	cold	6	Anne Arundel, MD	37.1	88.9	950.2	1997.2
Philadelphia, PA	New Castle, DE	cold	6	Atlantic, NJ	29.6	17.1	206.9	21.3
Philadelphia, PA	New Castle, DE	cold	6	Baltimore (City), MD	22.0	35.0	539.5	322.8
Philadelphia, PA	New Castle, DE	cold	6	Baltimore, MD	53.5	111.2	975.5	1263.0
Philadelphia, PA	New Castle, DE	cold	6	Berks, PA	26.1	62.2	511.9	534.2
Philadelphia, PA	New Castle, DE	cold	6	Bucks, PA	24.8	30.1	475.2	111.8
Philadelphia, PA	New Castle, DE	cold	6	Burlington, NJ	32.2	20.9	440.7	95.3
Philadelphia, PA	New Castle, DE	cold	6	Calvert, MD	9.5	8.5	52.9	12.0
Philadelphia, PA	New Castle, DE	cold	6	Camden, NJ	16.9	9.5	392.0	52.1
Philadelphia, PA	New Castle, DE	cold	6	Cape May, NJ	16.9	26.7	221.1	308.4
Philadelphia, PA	New Castle, DE	cold	6	Carbon, PA	8.8	9.0	82.4	40.5
Philadelphia, PA	New Castle, DE	cold	6	Caroline, MD	3.4	6.2	31.4	16.0
Philadelphia, PA	New Castle, DE	cold	6	Carroll, MD	18.5	23.2	181.4	41.8
Philadelphia, PA	New Castle, DE	cold	6	Cecil, MD	12.6	11.6	112.1	36.7
Philadelphia, PA	New Castle, DE	cold	6	Chester, PA	22.6	34.8	467.2	226.1
Philadelphia, PA	New Castle, DE	cold	6	Columbia, PA	5.7	9.1	74.9	22.4
Philadelphia, PA	New Castle, DE	cold	6	Cumberland, NJ	12.4	11.6	184.7	90.5
Philadelphia, PA	New Castle, DE	cold	6	Cumberland, PA	19.8	24.4	409.1	55.9
Philadelphia, PA	New Castle, DE	cold	6	Dauphin, PA	14.9	14.5	355.1	69.1
Philadelphia, PA	New Castle, DE	cold	6	Delaware, PA	24.5	35.1	931.2	576.1
Philadelphia, PA	New Castle, DE	cold	6	Dorchester, MD	6.3	9.5	55.5	63.7
Philadelphia, PA	New Castle, DE	cold	6	Franklin, PA	10.9	18.6	154.8	24.1
Philadelphia, PA	New Castle, DE	cold	6	Frederick, MD	29.7	37.9	320.2	262.5
Philadelphia, PA	New Castle, DE	cold	6	Gloucester, NJ	19.2	21.7	359.8	201.4
Philadelphia, PA	New Castle, DE	cold	6	Harford, MD	24.9	24.2	206.9	65.3
Philadelphia, PA	New Castle, DE	cold	6	Howard, MD	16.9	12.8	280.0	68.0
Philadelphia, PA	New Castle, DE	cold	6	Hunterdon, NJ	12.8	8.7	109.9	15.7
Philadelphia, PA	New Castle, DE	cold	6	Huntingdon, PA	7.3	8.4	71.5	22.4
Philadelphia, PA	New Castle, DE	cold	6	Juniata, PA	3.5	4.6	51.1	7.1
Philadelphia, PA	New Castle, DE	cold	6	Kent, DE	12.3	14.4	257.2	126.7
Philadelphia, PA	New Castle, DE	cold	6	Kent, MD	4.6	7.8	28.4	13.3
Philadelphia, PA	New Castle, DE	cold	6	Lackawanna, PA	9.5	12.8	188.5	36.1
Philadelphia, PA	New Castle, DE	cold	6	Lancaster, PA	32.8	55.7	464.1	113.7
Philadelphia, PA	New Castle, DE	cold	6	Lebanon, PA	9.6	13.8	166.3	50.3
Philadelphia, PA	New Castle, DE	cold	6	Lehigh, PA	14.2	20.6	325.6	106.1
Philadelphia, PA	New Castle, DE	cold	6	Luzerne, PA	22.2	22.9	294.0	202.5
Philadelphia, PA	New Castle, DE	cold	6	Lycoming, PA	8.7	9.9	121.4	30.8
Philadelphia, PA	New Castle, DE	cold	6	Mercer, NJ	16.4	26.7	499.3	506.3
Philadelphia, PA	New Castle, DE	cold	6	Middlesex, NJ	26.9	13.8	825.6	88.6
Philadelphia, PA	New Castle, DE	cold	6	Mifflin, PA	6.9	8.2	76.3	13.9
Philadelphia, PA	New Castle, DE	cold	6	Monmouth, NJ	28.0	13.5	474.6	50.6
Philadelphia, PA	New Castle, DE	cold	6	Monroe, PA	16.7	15.1	148.5	28.9
Philadelphia, PA	New Castle, DE	cold	6	Montgomery, MD	59.3	125.4	757.5	1183.0
Philadelphia, PA	New Castle, DE	cold	6	Montgomery, PA	31.7	38.5	659.6	153.1
Philadelphia, PA	New Castle, DE	cold	6	Montour, PA	11.9	180.3	396.4	3615.6
Philadelphia, PA	New Castle, DE	cold	6	Morris, NJ	27.0	14.7	389.8	33.3
Philadelphia, PA	New Castle, DE	cold	6	New Castle, DE	25.2	33.9	800.7	1442.1
Philadelphia, PA	New Castle, DE	cold	6	Northampton, PA	18.8	105.8	696.8	1709.3
Philadelphia, PA	New Castle, DE	cold	6	Northampton, VA	3.6	5.9	38.1	4.2
Philadelphia, PA	New Castle, DE	cold	6	Northumberland, PA	8.7	11.3	97.4	42.6
Philadelphia, PA	New Castle, DE	cold	6	Ocean, NJ	28.1	14.8	271.1	30.0
Philadelphia, PA	New Castle, DE	cold	6	Perry, PA	6.6	6.9	71.2	12.6
Philadelphia, PA	New Castle, DE	cold	6	Philadelphia, PA	35.3	27.3	1096.2	319.6
Philadelphia, PA	New Castle, DE	cold	6	Prince George's, MD	43.3	126.4	989.4	1810.8
Philadelphia, PA	New Castle, DE	cold	6	Queen Anne's, MD	7.4	11.0	58.7	13.6
Philadelphia, PA	New Castle, DE	cold	6	Salem, NJ	8.9	21.5	204.9	168.3
Philadelphia, PA	New Castle, DE	cold	6	Schuylkill, PA	15.5	18.0	176.0	204.9
Philadelphia, PA	New Castle, DE	cold	6	Snyder, PA	5.9	24.6	125.5	798.1
Philadelphia, PA	New Castle, DE	cold	6	Somerset, MD	4.4	4.8	31.5	8.1
Philadelphia, PA	New Castle, DE	cold	6	Somerset, NJ	12.8	9.6	223.2	16.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Philadelphia, PA	New Castle, DE	cold	6	Sullivan, PA	2.6	3.0	8.7	1.8
Philadelphia, PA	New Castle, DE	cold	6	Sussex, DE	22.0	59.0	503.5	771.3
Philadelphia, PA	New Castle, DE	cold	6	Sussex, NJ	21.0	14.5	77.2	18.9
Philadelphia, PA	New Castle, DE	cold	6	Talbot, MD	7.7	9.1	74.5	22.6
Philadelphia, PA	New Castle, DE	cold	6	Union, PA	4.1	5.5	56.3	10.2
Philadelphia, PA	New Castle, DE	cold	6	Warren, NJ	16.6	13.6	144.0	15.9
Philadelphia, PA	New Castle, DE	cold	6	Wicomico, MD	9.2	11.1	79.0	53.8
Philadelphia, PA	New Castle, DE	cold	6	Worcester, MD	14.1	14.3	69.5	17.4
Philadelphia, PA	New Castle, DE	cold	6	Wyoming, PA	5.9	6.5	47.9	9.5
Philadelphia, PA	New Castle, DE	cold	6	York, PA	34.5	159.5	911.7	3357.2
Philadelphia, PA	New Castle, DE	warm	10	Accomack, VA	17.0	24.9	163.5	63.9
Philadelphia, PA	New Castle, DE	warm	10	Adams, PA	29.0	44.3	184.7	37.9
Philadelphia, PA	New Castle, DE	warm	10	Anne Arundel, MD	85.7	205.3	2194.3	4612.3
Philadelphia, PA	New Castle, DE	warm	10	Atlantic, NJ	68.3	39.4	477.8	49.2
Philadelphia, PA	New Castle, DE	warm	10	Baltimore (City), MD	50.8	80.9	1245.8	745.6
Philadelphia, PA	New Castle, DE	warm	10	Baltimore, MD	123.6	256.9	2252.8	2916.7
Philadelphia, PA	New Castle, DE	warm	10	Berks, PA	60.3	143.6	1182.1	1233.6
Philadelphia, PA	New Castle, DE	warm	10	Bucks, PA	57.3	69.4	1097.5	258.2
Philadelphia, PA	New Castle, DE	warm	10	Burlington, NJ	74.3	48.2	1017.6	220.1
Philadelphia, PA	New Castle, DE	warm	10	Calvert, MD	21.9	19.7	122.1	27.8
Philadelphia, PA	New Castle, DE	warm	10	Camden, NJ	39.0	22.0	905.4	120.2
Philadelphia, PA	New Castle, DE	warm	10	Cape May, NJ	39.1	61.5	510.6	712.3
Philadelphia, PA	New Castle, DE	warm	10	Carbon, PA	20.4	20.7	190.4	93.6
Philadelphia, PA	New Castle, DE	warm	10	Caroline, MD	7.8	14.2	72.6	37.0
Philadelphia, PA	New Castle, DE	warm	10	Carroll, MD	42.7	53.6	418.9	96.5
Philadelphia, PA	New Castle, DE	warm	10	Cecil, MD	29.1	26.7	258.9	84.8
Philadelphia, PA	New Castle, DE	warm	10	Chester, PA	52.2	80.3	1078.9	522.2
Philadelphia, PA	New Castle, DE	warm	10	Columbia, PA	13.2	21.0	173.0	51.8
Philadelphia, PA	New Castle, DE	warm	10	Cumberland, NJ	28.7	26.7	426.5	208.9
Philadelphia, PA	New Castle, DE	warm	10	Cumberland, PA	45.6	56.3	944.7	129.2
Philadelphia, PA	New Castle, DE	warm	10	Dauphin, PA	34.5	33.5	820.1	159.7
Philadelphia, PA	New Castle, DE	warm	10	Delaware, PA	56.6	81.0	2150.6	1330.5
Philadelphia, PA	New Castle, DE	warm	10	Dorchester, MD	14.6	21.9	128.2	147.0
Philadelphia, PA	New Castle, DE	warm	10	Franklin, PA	25.1	43.0	357.5	55.6
Philadelphia, PA	New Castle, DE	warm	10	Frederick, MD	68.7	87.5	739.6	606.2
Philadelphia, PA	New Castle, DE	warm	10	Gloucester, NJ	44.3	50.1	830.8	465.1
Philadelphia, PA	New Castle, DE	warm	10	Harford, MD	57.5	55.8	477.7	150.8
Philadelphia, PA	New Castle, DE	warm	10	Howard, MD	39.1	29.6	646.5	157.1
Philadelphia, PA	New Castle, DE	warm	10	Hunterdon, NJ	29.7	20.0	253.7	36.3
Philadelphia, PA	New Castle, DE	warm	10	Huntingdon, PA	16.8	19.4	165.1	51.7
Philadelphia, PA	New Castle, DE	warm	10	Juniata, PA	8.2	10.6	118.1	16.4
Philadelphia, PA	New Castle, DE	warm	10	Kent, DE	28.4	33.2	594.0	292.7
Philadelphia, PA	New Castle, DE	warm	10	Kent, MD	10.6	17.9	65.5	30.8
Philadelphia, PA	New Castle, DE	warm	10	Lackawanna, PA	21.8	29.6	435.3	83.4
Philadelphia, PA	New Castle, DE	warm	10	Lancaster, PA	75.7	128.7	1071.7	262.5
Philadelphia, PA	New Castle, DE	warm	10	Lebanon, PA	22.1	32.0	384.0	116.2
Philadelphia, PA	New Castle, DE	warm	10	Lehigh, PA	32.8	47.6	751.8	245.0
Philadelphia, PA	New Castle, DE	warm	10	Luzerne, PA	51.2	53.0	678.9	467.7
Philadelphia, PA	New Castle, DE	warm	10	Lycoming, PA	20.1	22.9	280.4	71.1
Philadelphia, PA	New Castle, DE	warm	10	Mercer, NJ	37.9	61.7	1153.0	1169.3
Philadelphia, PA	New Castle, DE	warm	10	Middlesex, NJ	62.2	32.0	1906.7	204.5
Philadelphia, PA	New Castle, DE	warm	10	Mifflin, PA	16.0	18.9	176.1	32.0
Philadelphia, PA	New Castle, DE	warm	10	Monmouth, NJ	64.6	31.2	1096.1	116.9
Philadelphia, PA	New Castle, DE	warm	10	Monroe, PA	38.6	34.9	342.8	66.8
Philadelphia, PA	New Castle, DE	warm	10	Montgomery, MD	136.9	289.5	1749.2	2732.1
Philadelphia, PA	New Castle, DE	warm	10	Montgomery, PA	73.1	88.9	1523.3	353.7
Philadelphia, PA	New Castle, DE	warm	10	Montour, PA	27.5	416.3	915.5	8349.7
Philadelphia, PA	New Castle, DE	warm	10	Morris, NJ	62.3	34.0	900.3	76.9
Philadelphia, PA	New Castle, DE	warm	10	New Castle, DE	58.2	78.3	1849.1	3330.4
Philadelphia, PA	New Castle, DE	warm	10	Northampton, PA	43.5	244.4	1609.2	3947.4
Philadelphia, PA	New Castle, DE	warm	10	Northampton, VA	8.3	13.7	87.9	9.8
Philadelphia, PA	New Castle, DE	warm	10	Northumberland, PA	20.1	26.2	225.0	98.4
Philadelphia, PA	New Castle, DE	warm	10	Ocean, NJ	64.9	34.3	626.0	69.3
Philadelphia, PA	New Castle, DE	warm	10	Perry, PA	15.2	16.0	164.4	29.0
Philadelphia, PA	New Castle, DE	warm	10	Philadelphia, PA	81.6	63.1	2531.6	738.1
Philadelphia, PA	New Castle, DE	warm	10	Prince George's, MD	100.1	291.9	2284.9	4181.8
Philadelphia, PA	New Castle, DE	warm	10	Queen Anne's, MD	17.1	25.5	135.7	31.3
Philadelphia, PA	New Castle, DE	warm	10	Salem, NJ	20.5	49.7	473.2	388.7
Philadelphia, PA	New Castle, DE	warm	10	Schuylkill, PA	35.8	41.6	406.5	473.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Philadelphia, PA	New Castle, DE	warm	10	Snyder, PA	13.6	56.8	289.8	1843.1
Philadelphia, PA	New Castle, DE	warm	10	Somerset, MD	10.1	11.1	72.8	18.6
Philadelphia, PA	New Castle, DE	warm	10	Somerset, NJ	29.4	22.2	515.4	37.7
Philadelphia, PA	New Castle, DE	warm	10	Sullivan, PA	6.1	6.9	20.1	4.2
Philadelphia, PA	New Castle, DE	warm	10	Sussex, DE	50.9	136.3	1162.8	1781.2
Philadelphia, PA	New Castle, DE	warm	10	Sussex, NJ	48.6	33.5	178.2	43.7
Philadelphia, PA	New Castle, DE	warm	10	Talbot, MD	17.7	21.0	172.0	52.2
Philadelphia, PA	New Castle, DE	warm	10	Union, PA	9.4	12.7	130.0	23.5
Philadelphia, PA	New Castle, DE	warm	10	Warren, NJ	38.4	31.4	332.6	36.8
Philadelphia, PA	New Castle, DE	warm	10	Wicomico, MD	21.1	25.7	182.4	124.3
Philadelphia, PA	New Castle, DE	warm	10	Worcester, MD	32.5	33.0	160.5	40.2
Philadelphia, PA	New Castle, DE	warm	10	Wyoming, PA	13.7	15.0	110.7	22.1
Philadelphia, PA	New Castle, DE	warm	10	York, PA	79.6	368.4	2105.5	7753.0
Philadelphia, PA	Philadelphia, PA	cold	6	Accomack, VA	7.4	10.8	70.8	27.7
Philadelphia, PA	Philadelphia, PA	cold	6	Adams, PA	12.6	19.2	80.0	16.4
Philadelphia, PA	Philadelphia, PA	cold	6	Anne Arundel, MD	37.1	88.9	950.2	1997.2
Philadelphia, PA	Philadelphia, PA	cold	6	Atlantic, NJ	29.6	17.1	206.9	21.3
Philadelphia, PA	Philadelphia, PA	cold	6	Baltimore (City), MD	22.0	35.0	539.5	322.8
Philadelphia, PA	Philadelphia, PA	cold	6	Baltimore, MD	53.5	111.2	975.5	1263.0
Philadelphia, PA	Philadelphia, PA	cold	6	Berks, PA	26.1	62.2	511.9	534.2
Philadelphia, PA	Philadelphia, PA	cold	6	Bucks, PA	24.8	30.1	475.2	111.8
Philadelphia, PA	Philadelphia, PA	cold	6	Burlington, NJ	32.2	20.9	440.7	95.3
Philadelphia, PA	Philadelphia, PA	cold	6	Calvert, MD	9.5	8.5	52.9	12.0
Philadelphia, PA	Philadelphia, PA	cold	6	Camden, NJ	16.9	9.5	392.0	52.1
Philadelphia, PA	Philadelphia, PA	cold	6	Cape May, NJ	16.9	26.7	221.1	308.4
Philadelphia, PA	Philadelphia, PA	cold	6	Carbon, PA	8.8	9.0	82.4	40.5
Philadelphia, PA	Philadelphia, PA	cold	6	Caroline, MD	3.4	6.2	31.4	16.0
Philadelphia, PA	Philadelphia, PA	cold	6	Carroll, MD	18.5	23.2	181.4	41.8
Philadelphia, PA	Philadelphia, PA	cold	6	Cecil, MD	12.6	11.6	112.1	36.7
Philadelphia, PA	Philadelphia, PA	cold	6	Chester, PA	22.6	34.8	467.2	226.1
Philadelphia, PA	Philadelphia, PA	cold	6	Columbia, PA	5.7	9.1	74.9	22.4
Philadelphia, PA	Philadelphia, PA	cold	6	Cumberland, NJ	12.4	11.6	184.7	90.5
Philadelphia, PA	Philadelphia, PA	cold	6	Cumberland, PA	19.8	24.4	409.1	55.9
Philadelphia, PA	Philadelphia, PA	cold	6	Dauphin, PA	14.9	14.5	355.1	69.1
Philadelphia, PA	Philadelphia, PA	cold	6	Delaware, PA	24.5	35.1	931.2	576.1
Philadelphia, PA	Philadelphia, PA	cold	6	Dorchester, MD	6.3	9.5	55.5	63.7
Philadelphia, PA	Philadelphia, PA	cold	6	Franklin, PA	10.9	18.6	154.8	24.1
Philadelphia, PA	Philadelphia, PA	cold	6	Frederick, MD	29.7	37.9	320.2	262.5
Philadelphia, PA	Philadelphia, PA	cold	6	Gloucester, NJ	19.2	21.7	359.8	201.4
Philadelphia, PA	Philadelphia, PA	cold	6	Harford, MD	24.9	24.2	206.9	65.3
Philadelphia, PA	Philadelphia, PA	cold	6	Howard, MD	16.9	12.8	280.0	68.0
Philadelphia, PA	Philadelphia, PA	cold	6	Hunterdon, NJ	12.8	8.7	109.9	15.7
Philadelphia, PA	Philadelphia, PA	cold	6	Huntingdon, PA	7.3	8.4	71.5	22.4
Philadelphia, PA	Philadelphia, PA	cold	6	Juniata, PA	3.5	4.6	51.1	7.1
Philadelphia, PA	Philadelphia, PA	cold	6	Kent, DE	12.3	14.4	257.2	126.7
Philadelphia, PA	Philadelphia, PA	cold	6	Kent, MD	4.6	7.8	28.4	13.3
Philadelphia, PA	Philadelphia, PA	cold	6	Lackawanna, PA	9.5	12.8	188.5	36.1
Philadelphia, PA	Philadelphia, PA	cold	6	Lancaster, PA	32.8	55.7	464.1	113.7
Philadelphia, PA	Philadelphia, PA	cold	6	Lebanon, PA	9.6	13.8	166.3	50.3
Philadelphia, PA	Philadelphia, PA	cold	6	Lehigh, PA	14.2	20.6	325.6	106.1
Philadelphia, PA	Philadelphia, PA	cold	6	Luzerne, PA	22.2	22.9	294.0	202.5
Philadelphia, PA	Philadelphia, PA	cold	6	Lycoming, PA	8.7	9.9	121.4	30.8
Philadelphia, PA	Philadelphia, PA	cold	6	Mercer, NJ	16.4	26.7	499.3	506.3
Philadelphia, PA	Philadelphia, PA	cold	6	Middlesex, NJ	26.9	13.8	825.6	88.6
Philadelphia, PA	Philadelphia, PA	cold	6	Mifflin, PA	6.9	8.2	76.3	13.9
Philadelphia, PA	Philadelphia, PA	cold	6	Monmouth, NJ	28.0	13.5	474.6	50.6
Philadelphia, PA	Philadelphia, PA	cold	6	Monroe, PA	16.7	15.1	148.5	28.9
Philadelphia, PA	Philadelphia, PA	cold	6	Montgomery, MD	59.3	125.4	757.5	1183.0
Philadelphia, PA	Philadelphia, PA	cold	6	Montgomery, PA	31.7	38.5	659.6	153.1
Philadelphia, PA	Philadelphia, PA	cold	6	Montour, PA	11.9	180.3	396.4	3615.6
Philadelphia, PA	Philadelphia, PA	cold	6	Morris, NJ	27.0	14.7	389.8	33.3
Philadelphia, PA	Philadelphia, PA	cold	6	New Castle, DE	25.2	33.9	800.7	1442.1
Philadelphia, PA	Philadelphia, PA	cold	6	Northampton, PA	18.8	105.8	696.8	1709.3
Philadelphia, PA	Philadelphia, PA	cold	6	Northampton, VA	3.6	5.9	38.1	4.2
Philadelphia, PA	Philadelphia, PA	cold	6	Northumberland, PA	8.7	11.3	97.4	42.6
Philadelphia, PA	Philadelphia, PA	cold	6	Ocean, NJ	28.1	14.8	271.1	30.0
Philadelphia, PA	Philadelphia, PA	cold	6	Perry, PA	6.6	6.9	71.2	12.6
Philadelphia, PA	Philadelphia, PA	cold	6	Philadelphia, PA	35.3	27.3	1096.2	319.6
Philadelphia, PA	Philadelphia, PA	cold	6	Prince George's, MD	43.3	126.4	989.4	1810.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Philadelphia, PA	Philadelphia, PA	cold	6	Queen Anne's, MD	7.4	11.0	58.7	13.6
Philadelphia, PA	Philadelphia, PA	cold	6	Salem, NJ	8.9	21.5	204.9	168.3
Philadelphia, PA	Philadelphia, PA	cold	6	Schuylkill, PA	15.5	18.0	176.0	204.9
Philadelphia, PA	Philadelphia, PA	cold	6	Snyder, PA	5.9	24.6	125.5	798.1
Philadelphia, PA	Philadelphia, PA	cold	6	Somerset, MD	4.4	4.8	31.5	8.1
Philadelphia, PA	Philadelphia, PA	cold	6	Somerset, NJ	12.8	9.6	223.2	16.3
Philadelphia, PA	Philadelphia, PA	cold	6	Sullivan, PA	2.6	3.0	8.7	1.8
Philadelphia, PA	Philadelphia, PA	cold	6	Sussex, DE	22.0	59.0	503.5	771.3
Philadelphia, PA	Philadelphia, PA	cold	6	Sussex, NJ	21.0	14.5	77.2	18.9
Philadelphia, PA	Philadelphia, PA	cold	6	Talbot, MD	7.7	9.1	74.5	22.6
Philadelphia, PA	Philadelphia, PA	cold	6	Union, PA	4.1	5.5	56.3	10.2
Philadelphia, PA	Philadelphia, PA	cold	6	Warren, NJ	16.6	13.6	144.0	15.9
Philadelphia, PA	Philadelphia, PA	cold	6	Wicomico, MD	9.2	11.1	79.0	53.8
Philadelphia, PA	Philadelphia, PA	cold	6	Worcester, MD	14.1	14.3	69.5	17.4
Philadelphia, PA	Philadelphia, PA	cold	6	Wyoming, PA	5.9	6.5	47.9	9.5
Philadelphia, PA	Philadelphia, PA	cold	6	York, PA	34.5	159.5	911.7	3357.2
Philadelphia, PA	Philadelphia, PA	warm	24	Accomack, VA	25.6	37.3	245.2	95.9
Philadelphia, PA	Philadelphia, PA	warm	24	Adams, PA	43.5	66.4	277.0	56.9
Philadelphia, PA	Philadelphia, PA	warm	24	Anne Arundel, MD	128.5	307.9	3291.4	6918.4
Philadelphia, PA	Philadelphia, PA	warm	24	Atlantic, NJ	102.5	59.1	716.7	73.7
Philadelphia, PA	Philadelphia, PA	warm	24	Baltimore (City), MD	76.2	121.3	1868.7	1118.4
Philadelphia, PA	Philadelphia, PA	warm	24	Baltimore, MD	185.5	385.3	3379.2	4375.1
Philadelphia, PA	Philadelphia, PA	warm	24	Berks, PA	90.4	215.4	1773.1	1850.4
Philadelphia, PA	Philadelphia, PA	warm	24	Bucks, PA	85.9	104.1	1646.3	387.4
Philadelphia, PA	Philadelphia, PA	warm	24	Burlington, NJ	111.5	72.3	1526.4	330.1
Philadelphia, PA	Philadelphia, PA	warm	24	Calvert, MD	32.8	29.5	183.2	41.6
Philadelphia, PA	Philadelphia, PA	warm	24	Camden, NJ	58.5	32.9	1358.0	180.3
Philadelphia, PA	Philadelphia, PA	warm	24	Cape May, NJ	58.6	92.3	765.9	1068.4
Philadelphia, PA	Philadelphia, PA	warm	24	Carbon, PA	30.6	31.0	285.6	140.4
Philadelphia, PA	Philadelphia, PA	warm	24	Caroline, MD	11.7	21.4	108.9	55.5
Philadelphia, PA	Philadelphia, PA	warm	24	Carroll, MD	64.1	80.4	628.4	144.7
Philadelphia, PA	Philadelphia, PA	warm	24	Cecil, MD	43.7	40.0	388.4	127.3
Philadelphia, PA	Philadelphia, PA	warm	24	Chester, PA	78.3	120.4	1618.3	783.4
Philadelphia, PA	Philadelphia, PA	warm	24	Columbia, PA	19.8	31.4	259.5	77.6
Philadelphia, PA	Philadelphia, PA	warm	24	Cumberland, NJ	43.1	40.0	639.8	313.4
Philadelphia, PA	Philadelphia, PA	warm	24	Cumberland, PA	68.4	84.4	1417.1	193.7
Philadelphia, PA	Philadelphia, PA	warm	24	Dauphin, PA	51.7	50.3	1230.2	239.5
Philadelphia, PA	Philadelphia, PA	warm	24	Delaware, PA	84.8	121.5	3225.8	1995.7
Philadelphia, PA	Philadelphia, PA	warm	24	Dorchester, MD	21.8	32.8	192.3	220.6
Philadelphia, PA	Philadelphia, PA	warm	24	Franklin, PA	37.7	64.5	536.3	83.4
Philadelphia, PA	Philadelphia, PA	warm	24	Frederick, MD	103.0	131.2	1109.3	909.4
Philadelphia, PA	Philadelphia, PA	warm	24	Gloucester, NJ	66.4	75.2	1246.2	697.6
Philadelphia, PA	Philadelphia, PA	warm	24	Harford, MD	86.2	83.8	716.6	226.2
Philadelphia, PA	Philadelphia, PA	warm	24	Howard, MD	58.7	44.4	969.8	235.7
Philadelphia, PA	Philadelphia, PA	warm	24	Hunterdon, NJ	44.5	30.0	380.6	54.5
Philadelphia, PA	Philadelphia, PA	warm	24	Huntingdon, PA	25.2	29.2	247.7	77.6
Philadelphia, PA	Philadelphia, PA	warm	24	Juniata, PA	12.2	15.9	177.2	24.7
Philadelphia, PA	Philadelphia, PA	warm	24	Kent, DE	42.6	49.8	891.0	439.0
Philadelphia, PA	Philadelphia, PA	warm	24	Kent, MD	15.8	26.9	98.2	46.1
Philadelphia, PA	Philadelphia, PA	warm	24	Lackawanna, PA	32.8	44.4	652.9	125.1
Philadelphia, PA	Philadelphia, PA	warm	24	Lancaster, PA	113.6	193.0	1607.5	393.8
Philadelphia, PA	Philadelphia, PA	warm	24	Lebanon, PA	33.2	47.9	576.1	174.3
Philadelphia, PA	Philadelphia, PA	warm	24	Lehigh, PA	49.1	71.4	1127.7	367.5
Philadelphia, PA	Philadelphia, PA	warm	24	Luzerne, PA	76.8	79.4	1018.3	701.6
Philadelphia, PA	Philadelphia, PA	warm	24	Lycoming, PA	30.1	34.3	420.6	106.7
Philadelphia, PA	Philadelphia, PA	warm	24	Mercer, NJ	56.8	92.5	1729.5	1754.0
Philadelphia, PA	Philadelphia, PA	warm	24	Middlesex, NJ	93.3	48.0	2860.0	306.8
Philadelphia, PA	Philadelphia, PA	warm	24	Mifflin, PA	23.9	28.4	264.2	48.0
Philadelphia, PA	Philadelphia, PA	warm	24	Monmouth, NJ	96.9	46.8	1644.2	175.4
Philadelphia, PA	Philadelphia, PA	warm	24	Monroe, PA	57.8	52.4	514.2	100.2
Philadelphia, PA	Philadelphia, PA	warm	24	Montgomery, MD	205.3	434.2	2623.9	4098.1
Philadelphia, PA	Philadelphia, PA	warm	24	Montgomery, PA	109.7	133.4	2284.9	530.5
Philadelphia, PA	Philadelphia, PA	warm	24	Montour, PA	41.2	624.5	1373.2	12524.5
Philadelphia, PA	Philadelphia, PA	warm	24	Morris, NJ	93.5	51.1	1350.4	115.4
Philadelphia, PA	Philadelphia, PA	warm	24	New Castle, DE	87.3	117.5	2773.7	4995.6
Philadelphia, PA	Philadelphia, PA	warm	24	Northampton, PA	65.2	366.6	2413.7	5921.1
Philadelphia, PA	Philadelphia, PA	warm	24	Northampton, VA	12.4	20.5	131.9	14.7
Philadelphia, PA	Philadelphia, PA	warm	24	Northumberland, PA	30.2	39.2	337.5	147.6
Philadelphia, PA	Philadelphia, PA	warm	24	Ocean, NJ	97.4	51.4	939.0	103.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Philadelphia, PA	Philadelphia, PA	warm	24	Perry, PA	22.9	24.1	246.5	43.5
Philadelphia, PA	Philadelphia, PA	warm	24	Philadelphia, PA	122.3	94.6	3797.4	1107.1
Philadelphia, PA	Philadelphia, PA	warm	24	Prince George's, MD	150.1	437.8	3427.4	6272.6
Philadelphia, PA	Philadelphia, PA	warm	24	Queen Anne's, MD	25.6	38.2	203.5	47.0
Philadelphia, PA	Philadelphia, PA	warm	24	Salem, NJ	30.8	74.6	709.9	583.0
Philadelphia, PA	Philadelphia, PA	warm	24	Schuylkill, PA	53.6	62.4	609.7	709.7
Philadelphia, PA	Philadelphia, PA	warm	24	Snyder, PA	20.3	85.2	434.8	2764.6
Philadelphia, PA	Philadelphia, PA	warm	24	Somerset, MD	15.2	16.7	109.3	27.9
Philadelphia, PA	Philadelphia, PA	warm	24	Somerset, NJ	44.2	33.3	773.2	56.5
Philadelphia, PA	Philadelphia, PA	warm	24	Sullivan, PA	9.1	10.3	30.1	6.3
Philadelphia, PA	Philadelphia, PA	warm	24	Sussex, DE	76.3	204.5	1744.2	2671.8
Philadelphia, PA	Philadelphia, PA	warm	24	Sussex, NJ	72.9	50.3	267.3	65.6
Philadelphia, PA	Philadelphia, PA	warm	24	Talbot, MD	26.6	31.4	258.0	78.3
Philadelphia, PA	Philadelphia, PA	warm	24	Union, PA	14.1	19.0	195.0	35.2
Philadelphia, PA	Philadelphia, PA	warm	24	Warren, NJ	57.6	47.1	498.9	55.2
Philadelphia, PA	Philadelphia, PA	warm	24	Wicomico, MD	31.7	38.6	273.5	186.5
Philadelphia, PA	Philadelphia, PA	warm	24	Worcester, MD	48.8	49.4	240.7	60.3
Philadelphia, PA	Philadelphia, PA	warm	24	Wyoming, PA	20.6	22.5	166.0	33.1
Philadelphia, PA	Philadelphia, PA	warm	24	York, PA	119.4	552.6	3158.2	11629.5
Pinehurst, ID	Shoshone, ID	cold	9	Ada, ID	101.6	129.4	834.2	55.9
Pinehurst, ID	Shoshone, ID	cold	9	Adams, ID	13.9	7.9	28.3	4.4
Pinehurst, ID	Shoshone, ID	cold	9	Adams, WA	11.2	53.6	155.5	10.1
Pinehurst, ID	Shoshone, ID	cold	9	Asotin, WA	3.7	5.3	19.9	1.6
Pinehurst, ID	Shoshone, ID	cold	9	Baker, OR	181.2	97.1	203.5	28.2
Pinehurst, ID	Shoshone, ID	cold	9	Beaverhead, MT	13.0	16.4	53.7	3.8
Pinehurst, ID	Shoshone, ID	cold	9	Benewah, ID	24.9	20.1	42.1	4.8
Pinehurst, ID	Shoshone, ID	cold	9	Benton, WA	36.5	41.8	312.6	23.2
Pinehurst, ID	Shoshone, ID	cold	9	Bingham, ID	28.8	62.4	146.1	9.8
Pinehurst, ID	Shoshone, ID	cold	9	Blaine, ID	161.7	91.7	122.0	20.1
Pinehurst, ID	Shoshone, ID	cold	9	Blaine, MT	5.9	29.7	119.8	5.5
Pinehurst, ID	Shoshone, ID	cold	9	Boise, ID	15.5	11.4	35.8	3.7
Pinehurst, ID	Shoshone, ID	cold	9	Bonner, ID	25.8	25.0	190.1	15.2
Pinehurst, ID	Shoshone, ID	cold	9	Boundary, ID	21.5	19.9	47.4	4.8
Pinehurst, ID	Shoshone, ID	cold	9	Broadwater, MT	3.3	13.6	31.5	6.1
Pinehurst, ID	Shoshone, ID	cold	9	Butte, ID	2.0	5.8	16.7	3.8
Pinehurst, ID	Shoshone, ID	cold	9	Canyon, ID	44.2	117.5	352.7	101.7
Pinehurst, ID	Shoshone, ID	cold	9	Cascade, MT	15.3	39.6	137.5	40.2
Pinehurst, ID	Shoshone, ID	cold	9	Chelan, WA	39.3	22.5	122.0	13.1
Pinehurst, ID	Shoshone, ID	cold	9	Chouteau, MT	17.0	58.6	59.6	6.3
Pinehurst, ID	Shoshone, ID	cold	9	Clark, ID	4.9	4.6	12.0	0.8
Pinehurst, ID	Shoshone, ID	cold	9	Clearwater, ID	43.2	23.7	43.6	8.0
Pinehurst, ID	Shoshone, ID	cold	9	Columbia, WA	80.0	59.2	35.8	7.9
Pinehurst, ID	Shoshone, ID	cold	9	Custer, ID	172.8	91.1	51.1	22.1
Pinehurst, ID	Shoshone, ID	cold	9	Deer Lodge, MT	3.0	8.1	13.8	1.1
Pinehurst, ID	Shoshone, ID	cold	9	Douglas, WA	14.2	52.5	79.8	4.6
Pinehurst, ID	Shoshone, ID	cold	9	Elmore, ID	47.5	39.8	134.1	10.3
Pinehurst, ID	Shoshone, ID	cold	9	Fergus, MT	10.7	30.0	42.5	5.1
Pinehurst, ID	Shoshone, ID	cold	9	Ferry, WA	4.7	5.1	17.4	1.2
Pinehurst, ID	Shoshone, ID	cold	9	Flathead, MT	64.8	51.5	249.6	54.8
Pinehurst, ID	Shoshone, ID	cold	9	Franklin, WA	26.4	42.3	182.0	14.5
Pinehurst, ID	Shoshone, ID	cold	9	Fremont, ID	6.7	18.2	44.9	4.0
Pinehurst, ID	Shoshone, ID	cold	9	Gallatin, MT	29.4	70.5	206.3	30.1
Pinehurst, ID	Shoshone, ID	cold	9	Garfield, WA	26.1	27.3	23.6	3.9
Pinehurst, ID	Shoshone, ID	cold	9	Gem, ID	5.1	14.5	62.1	3.2
Pinehurst, ID	Shoshone, ID	cold	9	Glacier, MT	6.3	21.3	100.4	7.2
Pinehurst, ID	Shoshone, ID	cold	9	Granite, MT	23.9	17.7	24.8	4.2
Pinehurst, ID	Shoshone, ID	cold	9	Grant, OR	11.6	10.8	30.1	2.3
Pinehurst, ID	Shoshone, ID	cold	9	Grant, WA	27.4	69.0	190.4	12.8
Pinehurst, ID	Shoshone, ID	cold	9	Hill, MT	14.5	51.4	92.4	7.9
Pinehurst, ID	Shoshone, ID	cold	9	Idaho, ID	563.6	296.3	168.3	72.2
Pinehurst, ID	Shoshone, ID	cold	9	Jefferson, ID	11.9	30.6	66.2	5.6
Pinehurst, ID	Shoshone, ID	cold	9	Jefferson, MT	6.0	30.9	162.7	15.0
Pinehurst, ID	Shoshone, ID	cold	9	Judith Basin, MT	5.2	15.6	29.0	2.8
Pinehurst, ID	Shoshone, ID	cold	9	Kittitas, WA	39.3	24.0	147.5	9.4
Pinehurst, ID	Shoshone, ID	cold	9	Klickitat, WA	33.8	19.6	159.8	27.7
Pinehurst, ID	Shoshone, ID	cold	9	Kootenai, ID	43.3	53.5	271.5	19.8
Pinehurst, ID	Shoshone, ID	cold	9	Lake, MT	17.2	23.6	52.9	8.2
Pinehurst, ID	Shoshone, ID	cold	9	Latah, ID	28.1	28.6	101.8	9.1
Pinehurst, ID	Shoshone, ID	cold	9	Lemhi, ID	63.1	36.8	41.9	9.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Pinehurst, ID	Shoshone, ID	cold	9	Lewis and Clark, MT	40.0	36.2	97.1	10.9
Pinehurst, ID	Shoshone, ID	cold	9	Lewis, ID	26.4	25.1	32.2	3.5
Pinehurst, ID	Shoshone, ID	cold	9	Liberty, MT	4.8	22.2	55.3	4.7
Pinehurst, ID	Shoshone, ID	cold	9	Lincoln, MT	72.5	42.2	144.1	22.7
Pinehurst, ID	Shoshone, ID	cold	9	Lincoln, WA	13.3	64.9	118.7	8.8
Pinehurst, ID	Shoshone, ID	cold	9	Madison, MT	5.5	18.7	22.3	2.2
Pinehurst, ID	Shoshone, ID	cold	9	Malheur, OR	34.5	55.9	128.9	43.2
Pinehurst, ID	Shoshone, ID	cold	9	Meagher, MT	3.1	9.2	7.8	1.1
Pinehurst, ID	Shoshone, ID	cold	9	Mineral, MT	77.7	44.3	53.8	13.1
Pinehurst, ID	Shoshone, ID	cold	9	Missoula, MT	42.9	40.8	228.0	33.5
Pinehurst, ID	Shoshone, ID	cold	9	Morrow, OR	14.1	40.1	442.4	515.1
Pinehurst, ID	Shoshone, ID	cold	9	Nez Perce, ID	21.4	26.0	188.7	13.4
Pinehurst, ID	Shoshone, ID	cold	9	Okanogan, WA	20.9	17.1	62.7	4.4
Pinehurst, ID	Shoshone, ID	cold	9	Park, MT	7.9	22.3	47.1	6.6
Pinehurst, ID	Shoshone, ID	cold	9	Payette, ID	8.7	25.4	66.0	4.0
Pinehurst, ID	Shoshone, ID	cold	9	Pend Oreille, WA	21.2	11.8	24.0	5.1
Pinehurst, ID	Shoshone, ID	cold	9	Pondera, MT	6.8	11.6	49.8	4.1
Pinehurst, ID	Shoshone, ID	cold	9	Powell, MT	8.6	9.9	30.2	3.8
Pinehurst, ID	Shoshone, ID	cold	9	Ravalli, MT	380.3	213.9	135.8	50.2
Pinehurst, ID	Shoshone, ID	cold	9	Sanders, MT	96.7	54.9	41.1	16.6
Pinehurst, ID	Shoshone, ID	cold	9	Shoshone, ID	16.1	10.5	44.4	4.5
Pinehurst, ID	Shoshone, ID	cold	9	Silver Bow, MT	4.8	9.7	48.6	3.3
Pinehurst, ID	Shoshone, ID	cold	9	Skagit, WA	34.8	26.6	527.1	439.2
Pinehurst, ID	Shoshone, ID	cold	9	Spokane, WA	105.4	117.8	683.7	49.7
Pinehurst, ID	Shoshone, ID	cold	9	Stevens, WA	25.4	20.5	94.4	8.6
Pinehurst, ID	Shoshone, ID	cold	9	Sweet Grass, MT	4.4	10.9	30.8	2.5
Pinehurst, ID	Shoshone, ID	cold	9	Teton, MT	8.8	14.5	45.6	4.0
Pinehurst, ID	Shoshone, ID	cold	9	Toole, MT	4.9	23.5	90.9	5.9
Pinehurst, ID	Shoshone, ID	cold	9	Umatilla, OR	88.3	82.1	312.7	28.7
Pinehurst, ID	Shoshone, ID	cold	9	Union, OR	54.2	35.4	149.3	15.5
Pinehurst, ID	Shoshone, ID	cold	9	Valley, ID	83.5	46.2	55.9	15.0
Pinehurst, ID	Shoshone, ID	cold	9	Walla Walla, WA	51.6	62.4	176.1	127.9
Pinehurst, ID	Shoshone, ID	cold	9	Wallowa, OR	282.7	146.1	72.9	37.6
Pinehurst, ID	Shoshone, ID	cold	9	Washington, ID	19.2	16.2	48.0	4.9
Pinehurst, ID	Shoshone, ID	cold	9	Whatcom, WA	50.2	38.8	547.7	325.3
Pinehurst, ID	Shoshone, ID	cold	9	Wheatland, MT	1.6	10.2	13.0	1.1
Pinehurst, ID	Shoshone, ID	cold	9	Whitman, WA	62.4	150.6	135.8	12.7
Pinehurst, ID	Shoshone, ID	cold	9	Yakima, WA	56.4	48.5	292.4	20.1
Pittsburgh, PA	Allegheny, PA	cold	2	Allegany, MD	4.0	6.5	80.2	215.7
Pittsburgh, PA	Allegheny, PA	cold	2	Allegany, NY	6.0	5.4	18.5	5.0
Pittsburgh, PA	Allegheny, PA	cold	2	Allegheny, PA	21.2	22.9	597.1	485.6
Pittsburgh, PA	Allegheny, PA	cold	2	Armstrong, PA	7.4	91.6	192.0	1980.3
Pittsburgh, PA	Allegheny, PA	cold	2	Ashland, OH	3.4	4.7	32.0	2.1
Pittsburgh, PA	Allegheny, PA	cold	2	Ashtabula, OH	6.1	6.5	137.3	53.9
Pittsburgh, PA	Allegheny, PA	cold	2	Athens, OH	2.2	2.2	30.9	13.8
Pittsburgh, PA	Allegheny, PA	cold	2	Barbour, WV	0.6	1.3	6.3	1.0
Pittsburgh, PA	Allegheny, PA	cold	2	Beaver, PA	4.3	20.0	315.1	428.8
Pittsburgh, PA	Allegheny, PA	cold	2	Bedford, PA	2.7	2.8	42.8	7.4
Pittsburgh, PA	Allegheny, PA	cold	2	Belmont, OH	3.7	21.3	94.3	358.7
Pittsburgh, PA	Allegheny, PA	cold	2	Berkeley, WV	4.7	6.7	68.5	22.6
Pittsburgh, PA	Allegheny, PA	cold	2	Blair, PA	3.0	4.0	47.3	22.4
Pittsburgh, PA	Allegheny, PA	cold	2	Brooke, WV	1.8	3.3	20.1	12.7
Pittsburgh, PA	Allegheny, PA	cold	2	Butler, PA	4.2	6.9	71.2	31.7
Pittsburgh, PA	Allegheny, PA	cold	2	Cambria, PA	3.1	4.5	58.3	73.1
Pittsburgh, PA	Allegheny, PA	cold	2	Cameron, PA	0.4	0.6	2.7	0.7
Pittsburgh, PA	Allegheny, PA	cold	2	Carroll, OH	1.3	1.8	15.3	1.2
Pittsburgh, PA	Allegheny, PA	cold	2	Cattaraugus, NY	8.7	7.9	29.4	10.1
Pittsburgh, PA	Allegheny, PA	cold	2	Centre, PA	4.4	6.2	62.7	53.9
Pittsburgh, PA	Allegheny, PA	cold	2	Chautauqua, NY	10.4	32.3	102.3	237.4
Pittsburgh, PA	Allegheny, PA	cold	2	Clarion, PA	2.2	2.5	30.2	14.5
Pittsburgh, PA	Allegheny, PA	cold	2	Clearfield, PA	4.7	22.7	106.4	457.5
Pittsburgh, PA	Allegheny, PA	cold	2	Clinton, PA	1.9	1.7	27.2	5.3
Pittsburgh, PA	Allegheny, PA	cold	2	Columbiana, OH	3.4	4.0	41.3	5.0
Pittsburgh, PA	Allegheny, PA	cold	2	Coshocton, OH	4.6	52.1	217.5	1007.6
Pittsburgh, PA	Allegheny, PA	cold	2	Crawford, PA	3.9	5.0	56.7	10.5
Pittsburgh, PA	Allegheny, PA	cold	2	Cuyahoga, OH	15.3	10.5	455.7	122.2
Pittsburgh, PA	Allegheny, PA	cold	2	Doddridge, WV	0.3	0.7	9.1	0.5
Pittsburgh, PA	Allegheny, PA	cold	2	Elk, PA	1.0	2.0	28.1	50.4
Pittsburgh, PA	Allegheny, PA	cold	2	Erie, NY	15.4	29.4	311.9	286.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Pittsburgh, PA	Allegheny, PA	cold	2	Erie, PA	4.2	4.8	113.9	48.4
Pittsburgh, PA	Allegheny, PA	cold	2	Fayette, PA	2.8	3.2	38.3	12.2
Pittsburgh, PA	Allegheny, PA	cold	2	Forest, PA	1.1	1.0	8.3	0.4
Pittsburgh, PA	Allegheny, PA	cold	2	Franklin, PA	3.6	6.2	51.6	8.0
Pittsburgh, PA	Allegheny, PA	cold	2	Frederick, MD	9.9	12.6	106.7	87.5
Pittsburgh, PA	Allegheny, PA	cold	2	Frederick, VA	3.3	3.6	40.2	7.7
Pittsburgh, PA	Allegheny, PA	cold	2	Fulton, PA	1.0	1.4	17.0	2.4
Pittsburgh, PA	Allegheny, PA	cold	2	Garrett, MD	2.7	2.3	23.6	8.1
Pittsburgh, PA	Allegheny, PA	cold	2	Geauga, OH	4.3	4.5	29.3	4.3
Pittsburgh, PA	Allegheny, PA	cold	2	Gilmer, WV	0.3	0.7	10.3	0.8
Pittsburgh, PA	Allegheny, PA	cold	2	Grant, WV	3.2	48.3	228.2	43.8
Pittsburgh, PA	Allegheny, PA	cold	2	Greene, PA	5.6	67.9	192.2	1382.6
Pittsburgh, PA	Allegheny, PA	cold	2	Guernsey, OH	2.4	2.2	56.6	7.5
Pittsburgh, PA	Allegheny, PA	cold	2	Hampshire, WV	1.4	1.5	7.5	0.9
Pittsburgh, PA	Allegheny, PA	cold	2	Hancock, WV	6.6	18.8	41.5	19.2
Pittsburgh, PA	Allegheny, PA	cold	2	Hardy, WV	1.0	1.4	8.7	2.1
Pittsburgh, PA	Allegheny, PA	cold	2	Harrison, OH	0.9	1.1	6.2	1.2
Pittsburgh, PA	Allegheny, PA	cold	2	Harrison, WV	3.9	19.4	224.6	49.9
Pittsburgh, PA	Allegheny, PA	cold	2	Holmes, OH	2.3	3.5	14.2	1.6
Pittsburgh, PA	Allegheny, PA	cold	2	Huntingdon, PA	2.4	2.8	23.8	7.5
Pittsburgh, PA	Allegheny, PA	cold	2	Indiana, PA	8.0	94.7	403.6	1391.8
Pittsburgh, PA	Allegheny, PA	cold	2	Jefferson, OH	6.8	87.0	435.5	2113.4
Pittsburgh, PA	Allegheny, PA	cold	2	Jefferson, PA	2.3	2.4	28.3	8.9
Pittsburgh, PA	Allegheny, PA	cold	2	Jefferson, WV	2.3	3.1	25.8	5.6
Pittsburgh, PA	Allegheny, PA	cold	2	Juniata, PA	1.2	1.5	17.0	2.4
Pittsburgh, PA	Allegheny, PA	cold	2	Knox, OH	2.6	4.3	20.3	1.8
Pittsburgh, PA	Allegheny, PA	cold	2	Lake, OH	4.4	23.4	210.3	760.4
Pittsburgh, PA	Allegheny, PA	cold	2	Lawrence, PA	3.0	13.9	84.9	216.0
Pittsburgh, PA	Allegheny, PA	cold	2	Lewis, WV	0.7	1.0	33.5	3.3
Pittsburgh, PA	Allegheny, PA	cold	2	Loudoun, VA	4.6	4.6	79.0	9.7
Pittsburgh, PA	Allegheny, PA	cold	2	Lycoming, PA	2.9	3.3	40.5	10.3
Pittsburgh, PA	Allegheny, PA	cold	2	Mahoning, OH	3.2	3.5	95.2	18.2
Pittsburgh, PA	Allegheny, PA	cold	2	Marion, WV	1.8	3.2	38.7	33.1
Pittsburgh, PA	Allegheny, PA	cold	2	Marshall, WV	2.9	34.1	376.7	1113.4
Pittsburgh, PA	Allegheny, PA	cold	2	McKean, PA	2.0	3.4	30.7	37.0
Pittsburgh, PA	Allegheny, PA	cold	2	Medina, OH	5.3	6.4	64.7	7.2
Pittsburgh, PA	Allegheny, PA	cold	2	Mercer, PA	2.7	4.4	56.7	9.8
Pittsburgh, PA	Allegheny, PA	cold	2	Mifflin, PA	2.3	2.7	25.4	4.6
Pittsburgh, PA	Allegheny, PA	cold	2	Mineral, WV	1.9	2.7	11.5	4.3
Pittsburgh, PA	Allegheny, PA	cold	2	Monongalia, WV	4.4	38.1	122.2	795.3
Pittsburgh, PA	Allegheny, PA	cold	2	Monroe, OH	1.4	3.2	23.4	32.4
Pittsburgh, PA	Allegheny, PA	cold	2	Morgan, OH	0.8	1.2	3.8	0.3
Pittsburgh, PA	Allegheny, PA	cold	2	Morgan, WV	0.9	1.4	10.1	1.5
Pittsburgh, PA	Allegheny, PA	cold	2	Muskingum, OH	3.0	4.6	44.0	9.7
Pittsburgh, PA	Allegheny, PA	cold	2	Noble, OH	0.9	1.1	13.2	0.5
Pittsburgh, PA	Allegheny, PA	cold	2	Ohio, WV	1.4	1.4	31.4	5.1
Pittsburgh, PA	Allegheny, PA	cold	2	Pendleton, WV	0.4	1.1	4.9	0.8
Pittsburgh, PA	Allegheny, PA	cold	2	Pleasants, WV	1.4	14.0	140.7	585.0
Pittsburgh, PA	Allegheny, PA	cold	2	Portage, OH	4.7	4.7	68.6	5.2
Pittsburgh, PA	Allegheny, PA	cold	2	Potter, PA	1.2	1.3	18.4	1.7
Pittsburgh, PA	Allegheny, PA	cold	2	Preston, WV	1.5	8.8	37.4	162.0
Pittsburgh, PA	Allegheny, PA	cold	2	Randolph, WV	1.3	1.4	24.2	2.0
Pittsburgh, PA	Allegheny, PA	cold	2	Ritchie, WV	0.4	0.8	6.7	1.2
Pittsburgh, PA	Allegheny, PA	cold	2	Somerset, PA	4.0	4.3	43.9	17.4
Pittsburgh, PA	Allegheny, PA	cold	2	Stark, OH	5.4	7.9	123.1	22.0
Pittsburgh, PA	Allegheny, PA	cold	2	Summit, OH	5.4	4.0	163.8	118.4
Pittsburgh, PA	Allegheny, PA	cold	2	Taylor, WV	0.5	1.5	13.7	4.0
Pittsburgh, PA	Allegheny, PA	cold	2	Trumbull, OH	5.9	9.0	126.2	174.5
Pittsburgh, PA	Allegheny, PA	cold	2	Tucker, WV	0.5	1.7	5.2	1.2
Pittsburgh, PA	Allegheny, PA	cold	2	Tuscarawas, OH	2.8	3.1	46.4	27.3
Pittsburgh, PA	Allegheny, PA	cold	2	Tyler, WV	0.5	1.0	13.4	4.6
Pittsburgh, PA	Allegheny, PA	cold	2	Union, PA	1.4	1.8	18.8	3.4
Pittsburgh, PA	Allegheny, PA	cold	2	Upshur, WV	1.1	1.4	11.5	1.3
Pittsburgh, PA	Allegheny, PA	cold	2	Venango, PA	2.2	2.6	26.0	18.1
Pittsburgh, PA	Allegheny, PA	cold	2	Warren, PA	2.0	2.4	22.6	30.8
Pittsburgh, PA	Allegheny, PA	cold	2	Washington, MD	5.8	7.4	95.1	61.5
Pittsburgh, PA	Allegheny, PA	cold	2	Washington, OH	7.0	62.1	229.5	1550.5
Pittsburgh, PA	Allegheny, PA	cold	2	Washington, PA	4.8	9.8	153.9	59.6
Pittsburgh, PA	Allegheny, PA	cold	2	Wayne, OH	4.4	8.6	71.2	45.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Pittsburgh, PA	Allegheny, PA	cold	2	Westmoreland, PA	7.5	8.4	157.1	33.1
Pittsburgh, PA	Allegheny, PA	cold	2	Wetzel, WV	0.8	1.0	37.6	6.5
Pittsburgh, PA	Allegheny, PA	cold	2	Wood, WV	4.0	4.9	55.3	58.9
Pittsburgh, PA	Allegheny, PA	cold	2	Wyoming, NY	3.9	4.6	13.8	12.8
Pittsburgh, PA	Allegheny, PA	warm	53	Allegany, MD	55.3	90.4	1111.8	2989.1
Pittsburgh, PA	Allegheny, PA	warm	53	Allegany, NY	83.5	75.3	256.3	69.8
Pittsburgh, PA	Allegheny, PA	warm	53	Allegheny, PA	293.4	317.2	8273.2	6728.3
Pittsburgh, PA	Allegheny, PA	warm	53	Armstrong, PA	102.0	1269.5	2660.4	27439.2
Pittsburgh, PA	Allegheny, PA	warm	53	Ashland, OH	47.5	65.1	442.9	28.9
Pittsburgh, PA	Allegheny, PA	warm	53	Ashtabula, OH	84.7	90.1	1902.6	746.8
Pittsburgh, PA	Allegheny, PA	warm	53	Athens, OH	29.8	29.8	428.0	190.7
Pittsburgh, PA	Allegheny, PA	warm	53	Barbour, WV	8.0	18.4	87.3	14.1
Pittsburgh, PA	Allegheny, PA	warm	53	Beaver, PA	59.0	277.0	4366.0	5941.5
Pittsburgh, PA	Allegheny, PA	warm	53	Bedford, PA	37.9	39.1	592.6	101.9
Pittsburgh, PA	Allegheny, PA	warm	53	Belmont, OH	51.2	295.4	1306.0	4970.7
Pittsburgh, PA	Allegheny, PA	warm	53	Berkeley, WV	65.2	92.4	949.2	313.2
Pittsburgh, PA	Allegheny, PA	warm	53	Blair, PA	41.1	55.4	655.6	310.3
Pittsburgh, PA	Allegheny, PA	warm	53	Brooke, WV	25.0	45.9	278.5	176.3
Pittsburgh, PA	Allegheny, PA	warm	53	Butler, PA	57.7	95.2	986.8	439.1
Pittsburgh, PA	Allegheny, PA	warm	53	Cambria, PA	42.4	62.4	807.5	1013.3
Pittsburgh, PA	Allegheny, PA	warm	53	Cameron, PA	5.1	8.7	38.0	9.9
Pittsburgh, PA	Allegheny, PA	warm	53	Carroll, OH	18.5	25.2	212.6	16.1
Pittsburgh, PA	Allegheny, PA	warm	53	Cattaraugus, NY	121.1	109.3	407.2	140.3
Pittsburgh, PA	Allegheny, PA	warm	53	Centre, PA	60.9	86.3	869.4	746.2
Pittsburgh, PA	Allegheny, PA	warm	53	Chautauqua, NY	143.8	447.5	1417.6	3289.9
Pittsburgh, PA	Allegheny, PA	warm	53	Clarion, PA	30.4	34.9	418.7	201.6
Pittsburgh, PA	Allegheny, PA	warm	53	Clearfield, PA	65.7	314.9	1474.3	6339.6
Pittsburgh, PA	Allegheny, PA	warm	53	Clinton, PA	26.6	23.2	377.2	73.3
Pittsburgh, PA	Allegheny, PA	warm	53	Columbiana, OH	47.8	56.0	572.2	68.6
Pittsburgh, PA	Allegheny, PA	warm	53	Coshocton, OH	63.2	722.4	3014.0	13961.0
Pittsburgh, PA	Allegheny, PA	warm	53	Crawford, PA	54.6	68.9	786.3	145.3
Pittsburgh, PA	Allegheny, PA	warm	53	Cuyahoga, OH	211.6	145.2	6313.7	1693.8
Pittsburgh, PA	Allegheny, PA	warm	53	Doddridge, WV	3.6	9.8	125.9	6.9
Pittsburgh, PA	Allegheny, PA	warm	53	Elk, PA	14.2	28.0	389.8	698.8
Pittsburgh, PA	Allegheny, PA	warm	53	Erie, NY	212.8	406.9	4321.1	3964.9
Pittsburgh, PA	Allegheny, PA	warm	53	Erie, PA	57.8	66.4	1578.4	670.4
Pittsburgh, PA	Allegheny, PA	warm	53	Fayette, PA	39.0	44.5	531.2	168.8
Pittsburgh, PA	Allegheny, PA	warm	53	Forest, PA	14.6	14.4	114.9	5.4
Pittsburgh, PA	Allegheny, PA	warm	53	Franklin, PA	50.2	86.0	715.0	111.3
Pittsburgh, PA	Allegheny, PA	warm	53	Frederick, MD	137.4	175.0	1479.1	1212.5
Pittsburgh, PA	Allegheny, PA	warm	53	Frederick, VA	45.7	50.3	557.3	106.4
Pittsburgh, PA	Allegheny, PA	warm	53	Fulton, PA	14.2	19.2	235.5	33.7
Pittsburgh, PA	Allegheny, PA	warm	53	Garrett, MD	37.7	32.4	326.6	112.1
Pittsburgh, PA	Allegheny, PA	warm	53	Geauga, OH	60.2	62.4	405.3	59.9
Pittsburgh, PA	Allegheny, PA	warm	53	Gilmer, WV	4.7	10.2	143.2	10.9
Pittsburgh, PA	Allegheny, PA	warm	53	Grant, WV	44.9	669.3	3162.1	606.8
Pittsburgh, PA	Allegheny, PA	warm	53	Greene, PA	77.4	940.9	2663.2	19157.4
Pittsburgh, PA	Allegheny, PA	warm	53	Guernsey, OH	33.9	30.4	783.6	104.3
Pittsburgh, PA	Allegheny, PA	warm	53	Hampshire, WV	18.8	20.8	104.4	13.1
Pittsburgh, PA	Allegheny, PA	warm	53	Hancock, WV	92.0	261.1	575.7	266.5
Pittsburgh, PA	Allegheny, PA	warm	53	Hardy, WV	13.7	19.9	120.7	28.7
Pittsburgh, PA	Allegheny, PA	warm	53	Harrison, OH	12.5	15.3	86.1	17.0
Pittsburgh, PA	Allegheny, PA	warm	53	Harrison, WV	54.2	269.3	3112.0	691.1
Pittsburgh, PA	Allegheny, PA	warm	53	Holmes, OH	32.2	47.9	196.6	21.9
Pittsburgh, PA	Allegheny, PA	warm	53	Huntingdon, PA	33.7	38.9	330.2	103.5
Pittsburgh, PA	Allegheny, PA	warm	53	Indiana, PA	111.3	1312.7	5591.8	19285.8
Pittsburgh, PA	Allegheny, PA	warm	53	Jefferson, OH	94.4	1205.7	6033.7	29284.3
Pittsburgh, PA	Allegheny, PA	warm	53	Jefferson, PA	32.0	33.0	392.0	123.3
Pittsburgh, PA	Allegheny, PA	warm	53	Jefferson, WV	31.7	43.1	358.0	77.3
Pittsburgh, PA	Allegheny, PA	warm	53	Juniata, PA	16.3	21.2	236.2	32.9
Pittsburgh, PA	Allegheny, PA	warm	53	Knox, OH	36.1	60.1	281.6	24.3
Pittsburgh, PA	Allegheny, PA	warm	53	Lake, OH	60.6	323.7	2913.4	10536.0
Pittsburgh, PA	Allegheny, PA	warm	53	Lawrence, PA	40.9	192.6	1176.6	2993.4
Pittsburgh, PA	Allegheny, PA	warm	53	Lewis, WV	9.4	13.4	464.3	45.2
Pittsburgh, PA	Allegheny, PA	warm	53	Loudoun, VA	63.4	63.1	1094.1	134.2
Pittsburgh, PA	Allegheny, PA	warm	53	Lycoming, PA	40.2	45.8	560.8	142.3
Pittsburgh, PA	Allegheny, PA	warm	53	Mahoning, OH	44.2	47.9	1318.4	251.9
Pittsburgh, PA	Allegheny, PA	warm	53	Marion, WV	24.7	44.7	535.8	459.2
Pittsburgh, PA	Allegheny, PA	warm	53	Marshall, WV	40.4	473.0	5219.9	15427.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Pittsburgh, PA	Allegheny, PA	warm	53	McKean, PA	27.8	46.7	425.4	513.3
Pittsburgh, PA	Allegheny, PA	warm	53	Medina, OH	73.0	88.1	895.9	99.5
Pittsburgh, PA	Allegheny, PA	warm	53	Mercer, PA	37.9	61.1	785.7	136.2
Pittsburgh, PA	Allegheny, PA	warm	53	Mifflin, PA	31.9	37.8	352.3	64.1
Pittsburgh, PA	Allegheny, PA	warm	53	Mineral, WV	26.0	37.2	159.2	58.9
Pittsburgh, PA	Allegheny, PA	warm	53	Monongalia, WV	61.4	527.8	1693.1	11019.7
Pittsburgh, PA	Allegheny, PA	warm	53	Monroe, OH	20.0	44.2	324.0	448.9
Pittsburgh, PA	Allegheny, PA	warm	53	Morgan, OH	11.5	17.0	52.5	4.4
Pittsburgh, PA	Allegheny, PA	warm	53	Morgan, WV	12.0	18.8	140.1	20.9
Pittsburgh, PA	Allegheny, PA	warm	53	Muskingum, OH	42.0	64.0	609.8	134.2
Pittsburgh, PA	Allegheny, PA	warm	53	Noble, OH	12.0	15.6	182.3	7.4
Pittsburgh, PA	Allegheny, PA	warm	53	Ohio, WV	19.1	19.0	434.8	70.8
Pittsburgh, PA	Allegheny, PA	warm	53	Pendleton, WV	5.9	15.8	68.3	11.3
Pittsburgh, PA	Allegheny, PA	warm	53	Pleasants, WV	18.9	194.1	1949.3	8106.0
Pittsburgh, PA	Allegheny, PA	warm	53	Portage, OH	64.8	65.7	950.1	71.6
Pittsburgh, PA	Allegheny, PA	warm	53	Potter, PA	17.3	18.6	255.0	24.1
Pittsburgh, PA	Allegheny, PA	warm	53	Preston, WV	21.2	121.4	518.7	2244.6
Pittsburgh, PA	Allegheny, PA	warm	53	Randolph, WV	17.9	19.0	334.9	28.4
Pittsburgh, PA	Allegheny, PA	warm	53	Ritchie, WV	5.6	11.3	92.6	16.8
Pittsburgh, PA	Allegheny, PA	warm	53	Somerset, PA	55.6	59.6	608.3	241.0
Pittsburgh, PA	Allegheny, PA	warm	53	Stark, OH	75.0	109.4	1705.4	305.1
Pittsburgh, PA	Allegheny, PA	warm	53	Summit, OH	75.3	55.5	2269.2	1639.9
Pittsburgh, PA	Allegheny, PA	warm	53	Taylor, WV	6.7	20.2	190.4	55.5
Pittsburgh, PA	Allegheny, PA	warm	53	Trumbull, OH	81.7	125.4	1748.0	2418.5
Pittsburgh, PA	Allegheny, PA	warm	53	Tucker, WV	6.5	22.9	71.6	17.2
Pittsburgh, PA	Allegheny, PA	warm	53	Tuscarawas, OH	38.5	43.3	643.0	377.8
Pittsburgh, PA	Allegheny, PA	warm	53	Tyler, WV	7.3	13.6	185.4	64.2
Pittsburgh, PA	Allegheny, PA	warm	53	Union, PA	18.9	25.4	260.1	46.9
Pittsburgh, PA	Allegheny, PA	warm	53	Upshur, WV	14.7	19.1	159.0	18.2
Pittsburgh, PA	Allegheny, PA	warm	53	Venango, PA	30.7	35.8	360.4	250.9
Pittsburgh, PA	Allegheny, PA	warm	53	Warren, PA	27.4	33.4	312.5	426.2
Pittsburgh, PA	Allegheny, PA	warm	53	Washington, MD	79.7	102.1	1317.8	851.6
Pittsburgh, PA	Allegheny, PA	warm	53	Washington, OH	96.8	860.9	3180.5	21484.5
Pittsburgh, PA	Allegheny, PA	warm	53	Washington, PA	67.1	135.1	2132.2	825.9
Pittsburgh, PA	Allegheny, PA	warm	53	Wayne, OH	61.3	118.7	986.4	629.1
Pittsburgh, PA	Allegheny, PA	warm	53	Westmoreland, PA	104.3	115.8	2177.1	458.3
Pittsburgh, PA	Allegheny, PA	warm	53	Wetzel, WV	11.1	13.5	520.9	90.3
Pittsburgh, PA	Allegheny, PA	warm	53	Wood, WV	54.9	67.9	766.8	816.1
Pittsburgh, PA	Allegheny, PA	warm	53	Wyoming, NY	54.5	63.8	191.2	176.7
Pittsburgh, PA	Beaver, PA	cold	5	Allegany, MD	10.0	16.3	200.6	539.3
Pittsburgh, PA	Beaver, PA	cold	5	Allegany, NY	15.1	13.6	46.2	12.6
Pittsburgh, PA	Beaver, PA	cold	5	Allegheny, PA	52.9	57.2	1492.7	1213.9
Pittsburgh, PA	Beaver, PA	cold	5	Armstrong, PA	18.4	229.0	480.0	4950.7
Pittsburgh, PA	Beaver, PA	cold	5	Ashland, OH	8.6	11.7	79.9	5.2
Pittsburgh, PA	Beaver, PA	cold	5	Ashtabula, OH	15.3	16.3	343.3	134.7
Pittsburgh, PA	Beaver, PA	cold	5	Athens, OH	5.4	5.4	77.2	34.4
Pittsburgh, PA	Beaver, PA	cold	5	Barbour, WV	1.4	3.3	15.8	2.5
Pittsburgh, PA	Beaver, PA	cold	5	Beaver, PA	10.6	50.0	787.7	1072.0
Pittsburgh, PA	Beaver, PA	cold	5	Bedford, PA	6.8	7.1	106.9	18.4
Pittsburgh, PA	Beaver, PA	cold	5	Belmont, OH	9.2	53.3	235.6	896.8
Pittsburgh, PA	Beaver, PA	cold	5	Berkeley, WV	11.8	16.7	171.3	56.5
Pittsburgh, PA	Beaver, PA	cold	5	Blair, PA	7.4	10.0	118.3	56.0
Pittsburgh, PA	Beaver, PA	cold	5	Brooke, WV	4.5	8.3	50.3	31.8
Pittsburgh, PA	Beaver, PA	cold	5	Butler, PA	10.4	17.2	178.0	79.2
Pittsburgh, PA	Beaver, PA	cold	5	Cambria, PA	7.6	11.3	145.7	182.8
Pittsburgh, PA	Beaver, PA	cold	5	Cameron, PA	0.9	1.6	6.9	1.8
Pittsburgh, PA	Beaver, PA	cold	5	Carroll, OH	3.3	4.5	38.4	2.9
Pittsburgh, PA	Beaver, PA	cold	5	Cattaraugus, NY	21.8	19.7	73.5	25.3
Pittsburgh, PA	Beaver, PA	cold	5	Centre, PA	11.0	15.6	156.9	134.6
Pittsburgh, PA	Beaver, PA	cold	5	Chautauqua, NY	26.0	80.7	255.8	593.6
Pittsburgh, PA	Beaver, PA	cold	5	Clarion, PA	5.5	6.3	75.5	36.4
Pittsburgh, PA	Beaver, PA	cold	5	Clearfield, PA	11.9	56.8	266.0	1143.8
Pittsburgh, PA	Beaver, PA	cold	5	Clinton, PA	4.8	4.2	68.1	13.2
Pittsburgh, PA	Beaver, PA	cold	5	Columbiana, OH	8.6	10.1	103.2	12.4
Pittsburgh, PA	Beaver, PA	cold	5	Coshocton, OH	11.4	130.3	543.8	2518.9
Pittsburgh, PA	Beaver, PA	cold	5	Crawford, PA	9.9	12.4	141.9	26.2
Pittsburgh, PA	Beaver, PA	cold	5	Cuyahoga, OH	38.2	26.2	1139.2	305.6
Pittsburgh, PA	Beaver, PA	cold	5	Doddridge, WV	0.7	1.8	22.7	1.3
Pittsburgh, PA	Beaver, PA	cold	5	Elk, PA	2.6	5.1	70.3	126.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Pittsburgh, PA	Beaver, PA	cold	5	Erie, NY	38.4	73.4	779.6	715.4
Pittsburgh, PA	Beaver, PA	cold	5	Erie, PA	10.4	12.0	284.8	120.9
Pittsburgh, PA	Beaver, PA	cold	5	Fayette, PA	7.0	8.0	95.8	30.5
Pittsburgh, PA	Beaver, PA	cold	5	Forest, PA	2.6	2.6	20.7	1.0
Pittsburgh, PA	Beaver, PA	cold	5	Franklin, PA	9.1	15.5	129.0	20.1
Pittsburgh, PA	Beaver, PA	cold	5	Frederick, MD	24.8	31.6	266.9	218.8
Pittsburgh, PA	Beaver, PA	cold	5	Frederick, VA	8.2	9.1	100.5	19.2
Pittsburgh, PA	Beaver, PA	cold	5	Fulton, PA	2.6	3.5	42.5	6.1
Pittsburgh, PA	Beaver, PA	cold	5	Garrett, MD	6.8	5.9	58.9	20.2
Pittsburgh, PA	Beaver, PA	cold	5	Geauga, OH	10.9	11.3	73.1	10.8
Pittsburgh, PA	Beaver, PA	cold	5	Gilmer, WV	0.8	1.8	25.8	2.0
Pittsburgh, PA	Beaver, PA	cold	5	Grant, WV	8.1	120.8	570.5	109.5
Pittsburgh, PA	Beaver, PA	cold	5	Greene, PA	14.0	169.8	480.5	3456.5
Pittsburgh, PA	Beaver, PA	cold	5	Guernsey, OH	6.1	5.5	141.4	18.8
Pittsburgh, PA	Beaver, PA	cold	5	Hampshire, WV	3.4	3.7	18.8	2.4
Pittsburgh, PA	Beaver, PA	cold	5	Hancock, WV	16.6	47.1	103.9	48.1
Pittsburgh, PA	Beaver, PA	cold	5	Hardy, WV	2.5	3.6	21.8	5.2
Pittsburgh, PA	Beaver, PA	cold	5	Harrison, OH	2.3	2.8	15.5	3.1
Pittsburgh, PA	Beaver, PA	cold	5	Harrison, WV	9.8	48.6	561.5	124.7
Pittsburgh, PA	Beaver, PA	cold	5	Holmes, OH	5.8	8.6	35.5	3.9
Pittsburgh, PA	Beaver, PA	cold	5	Huntingdon, PA	6.1	7.0	59.6	18.7
Pittsburgh, PA	Beaver, PA	cold	5	Indiana, PA	20.1	236.9	1008.9	3479.6
Pittsburgh, PA	Beaver, PA	cold	5	Jefferson, OH	17.0	217.5	1088.6	5283.6
Pittsburgh, PA	Beaver, PA	cold	5	Jefferson, PA	5.8	6.0	70.7	22.2
Pittsburgh, PA	Beaver, PA	cold	5	Jefferson, WV	5.7	7.8	64.6	13.9
Pittsburgh, PA	Beaver, PA	cold	5	Juniata, PA	2.9	3.8	42.6	5.9
Pittsburgh, PA	Beaver, PA	cold	5	Knox, OH	6.5	10.8	50.8	4.4
Pittsburgh, PA	Beaver, PA	cold	5	Lake, OH	10.9	58.4	525.7	1901.0
Pittsburgh, PA	Beaver, PA	cold	5	Lawrence, PA	7.4	34.8	212.3	540.1
Pittsburgh, PA	Beaver, PA	cold	5	Lewis, WV	1.7	2.4	83.8	8.2
Pittsburgh, PA	Beaver, PA	cold	5	Loudoun, VA	11.4	11.4	197.4	24.2
Pittsburgh, PA	Beaver, PA	cold	5	Lycoming, PA	7.2	8.3	101.2	25.7
Pittsburgh, PA	Beaver, PA	cold	5	Mahoning, OH	8.0	8.6	237.9	45.4
Pittsburgh, PA	Beaver, PA	cold	5	Marion, WV	4.5	8.1	96.7	82.8
Pittsburgh, PA	Beaver, PA	cold	5	Marshall, WV	7.3	85.3	941.8	2783.5
Pittsburgh, PA	Beaver, PA	cold	5	McKean, PA	5.0	8.4	76.8	92.6
Pittsburgh, PA	Beaver, PA	cold	5	Medina, OH	13.2	15.9	161.6	17.9
Pittsburgh, PA	Beaver, PA	cold	5	Mercer, PA	6.8	11.0	141.8	24.6
Pittsburgh, PA	Beaver, PA	cold	5	Mifflin, PA	5.8	6.8	63.6	11.6
Pittsburgh, PA	Beaver, PA	cold	5	Mineral, WV	4.7	6.7	28.7	10.6
Pittsburgh, PA	Beaver, PA	cold	5	Monongalia, WV	11.1	95.2	305.5	1988.2
Pittsburgh, PA	Beaver, PA	cold	5	Monroe, OH	3.6	8.0	58.4	81.0
Pittsburgh, PA	Beaver, PA	cold	5	Morgan, OH	2.1	3.1	9.5	0.8
Pittsburgh, PA	Beaver, PA	cold	5	Morgan, WV	2.2	3.4	25.3	3.8
Pittsburgh, PA	Beaver, PA	cold	5	Muskingum, OH	7.6	11.5	110.0	24.2
Pittsburgh, PA	Beaver, PA	cold	5	Noble, OH	2.2	2.8	32.9	1.3
Pittsburgh, PA	Beaver, PA	cold	5	Ohio, WV	3.5	3.4	78.4	12.8
Pittsburgh, PA	Beaver, PA	cold	5	Pendleton, WV	1.1	2.8	12.3	2.0
Pittsburgh, PA	Beaver, PA	cold	5	Pleasants, WV	3.4	35.0	351.7	1462.5
Pittsburgh, PA	Beaver, PA	cold	5	Portage, OH	11.7	11.8	171.4	12.9
Pittsburgh, PA	Beaver, PA	cold	5	Potter, PA	3.1	3.3	46.0	4.3
Pittsburgh, PA	Beaver, PA	cold	5	Preston, WV	3.8	21.9	93.6	405.0
Pittsburgh, PA	Beaver, PA	cold	5	Randolph, WV	3.2	3.4	60.4	5.1
Pittsburgh, PA	Beaver, PA	cold	5	Ritchie, WV	1.0	2.0	16.7	3.0
Pittsburgh, PA	Beaver, PA	cold	5	Somerset, PA	10.0	10.7	109.8	43.5
Pittsburgh, PA	Beaver, PA	cold	5	Stark, OH	13.5	19.7	307.7	55.0
Pittsburgh, PA	Beaver, PA	cold	5	Summit, OH	13.6	10.0	409.4	295.9
Pittsburgh, PA	Beaver, PA	cold	5	Taylor, WV	1.2	3.6	34.4	10.0
Pittsburgh, PA	Beaver, PA	cold	5	Trumbull, OH	14.7	22.6	315.4	436.4
Pittsburgh, PA	Beaver, PA	cold	5	Tucker, WV	1.2	4.1	12.9	3.1
Pittsburgh, PA	Beaver, PA	cold	5	Tuscarawas, OH	6.9	7.8	116.0	68.2
Pittsburgh, PA	Beaver, PA	cold	5	Tyler, WV	1.3	2.4	33.5	11.6
Pittsburgh, PA	Beaver, PA	cold	5	Union, PA	3.4	4.6	46.9	8.5
Pittsburgh, PA	Beaver, PA	cold	5	Upshur, WV	2.7	3.4	28.7	3.3
Pittsburgh, PA	Beaver, PA	cold	5	Venango, PA	5.5	6.5	65.0	45.3
Pittsburgh, PA	Beaver, PA	cold	5	Warren, PA	5.0	6.0	56.4	76.9
Pittsburgh, PA	Beaver, PA	cold	5	Washington, MD	14.4	18.4	237.8	153.6
Pittsburgh, PA	Beaver, PA	cold	5	Washington, OH	17.5	155.3	573.8	3876.3
Pittsburgh, PA	Beaver, PA	cold	5	Washington, PA	12.1	24.4	384.7	149.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Pittsburgh, PA	Beaver, PA	cold	5	Wayne, OH	11.1	21.4	178.0	113.5
Pittsburgh, PA	Beaver, PA	cold	5	Westmoreland, PA	18.8	20.9	392.8	82.7
Pittsburgh, PA	Beaver, PA	cold	5	Wetzel, WV	2.0	2.4	94.0	16.3
Pittsburgh, PA	Beaver, PA	cold	5	Wood, WV	9.9	12.2	138.3	147.2
Pittsburgh, PA	Beaver, PA	cold	5	Wyoming, NY	9.8	11.5	34.5	31.9
Pittsburgh, PA	Beaver, PA	warm	9	Allegany, MD	24.9	40.7	500.3	1345.1
Pittsburgh, PA	Beaver, PA	warm	9	Allegany, NY	37.6	33.9	115.3	31.4
Pittsburgh, PA	Beaver, PA	warm	9	Allegheny, PA	132.0	142.7	3722.9	3027.7
Pittsburgh, PA	Beaver, PA	warm	9	Armstrong, PA	45.9	571.3	1197.2	12347.6
Pittsburgh, PA	Beaver, PA	warm	9	Ashland, OH	21.4	29.3	199.3	13.0
Pittsburgh, PA	Beaver, PA	warm	9	Ashtabula, OH	38.1	40.5	856.2	336.1
Pittsburgh, PA	Beaver, PA	warm	9	Athens, OH	13.4	13.4	192.6	85.8
Pittsburgh, PA	Beaver, PA	warm	9	Barbour, WV	3.6	8.3	39.3	6.3
Pittsburgh, PA	Beaver, PA	warm	9	Beaver, PA	26.5	124.7	1964.7	2673.7
Pittsburgh, PA	Beaver, PA	warm	9	Bedford, PA	17.1	17.6	266.7	45.8
Pittsburgh, PA	Beaver, PA	warm	9	Belmont, OH	23.1	132.9	587.7	2236.8
Pittsburgh, PA	Beaver, PA	warm	9	Berkeley, WV	29.3	41.6	427.1	141.0
Pittsburgh, PA	Beaver, PA	warm	9	Blair, PA	18.5	24.9	295.0	139.6
Pittsburgh, PA	Beaver, PA	warm	9	Brooke, WV	11.2	20.6	125.3	79.4
Pittsburgh, PA	Beaver, PA	warm	9	Butler, PA	26.0	42.9	444.1	197.6
Pittsburgh, PA	Beaver, PA	warm	9	Cambria, PA	19.1	28.1	363.4	456.0
Pittsburgh, PA	Beaver, PA	warm	9	Cameron, PA	2.3	3.9	17.1	4.5
Pittsburgh, PA	Beaver, PA	warm	9	Carroll, OH	8.3	11.3	95.7	7.2
Pittsburgh, PA	Beaver, PA	warm	9	Cattaraugus, NY	54.5	49.2	183.2	63.1
Pittsburgh, PA	Beaver, PA	warm	9	Centre, PA	27.4	38.8	391.2	335.8
Pittsburgh, PA	Beaver, PA	warm	9	Chautauqua, NY	64.7	201.4	637.9	1480.4
Pittsburgh, PA	Beaver, PA	warm	9	Clarion, PA	13.7	15.7	188.4	90.7
Pittsburgh, PA	Beaver, PA	warm	9	Clearfield, PA	29.6	141.7	663.4	2852.8
Pittsburgh, PA	Beaver, PA	warm	9	Clinton, PA	12.0	10.4	169.7	33.0
Pittsburgh, PA	Beaver, PA	warm	9	Columbiana, OH	21.5	25.2	257.5	30.9
Pittsburgh, PA	Beaver, PA	warm	9	Coshocton, OH	28.5	325.1	1356.3	6282.5
Pittsburgh, PA	Beaver, PA	warm	9	Crawford, PA	24.6	31.0	353.9	65.4
Pittsburgh, PA	Beaver, PA	warm	9	Cuyahoga, OH	95.2	65.3	2841.2	762.2
Pittsburgh, PA	Beaver, PA	warm	9	Doddridge, WV	1.6	4.4	56.7	3.1
Pittsburgh, PA	Beaver, PA	warm	9	Elk, PA	6.4	12.6	175.4	314.5
Pittsburgh, PA	Beaver, PA	warm	9	Erie, NY	95.7	183.1	1944.5	1784.2
Pittsburgh, PA	Beaver, PA	warm	9	Erie, PA	26.0	29.9	710.3	301.7
Pittsburgh, PA	Beaver, PA	warm	9	Fayette, PA	17.5	20.0	239.1	76.0
Pittsburgh, PA	Beaver, PA	warm	9	Forest, PA	6.6	6.5	51.7	2.4
Pittsburgh, PA	Beaver, PA	warm	9	Franklin, PA	22.6	38.7	321.8	50.1
Pittsburgh, PA	Beaver, PA	warm	9	Frederick, MD	61.8	78.7	665.6	545.6
Pittsburgh, PA	Beaver, PA	warm	9	Frederick, VA	20.6	22.6	250.8	47.9
Pittsburgh, PA	Beaver, PA	warm	9	Fulton, PA	6.4	8.7	106.0	15.2
Pittsburgh, PA	Beaver, PA	warm	9	Garrett, MD	16.9	14.6	147.0	50.5
Pittsburgh, PA	Beaver, PA	warm	9	Geauga, OH	27.1	28.1	182.4	27.0
Pittsburgh, PA	Beaver, PA	warm	9	Gilmer, WV	2.1	4.6	64.4	4.9
Pittsburgh, PA	Beaver, PA	warm	9	Grant, WV	20.2	301.2	1422.9	273.1
Pittsburgh, PA	Beaver, PA	warm	9	Greene, PA	34.8	423.4	1198.4	8620.8
Pittsburgh, PA	Beaver, PA	warm	9	Guernsey, OH	15.2	13.7	352.6	46.9
Pittsburgh, PA	Beaver, PA	warm	9	Hampshire, WV	8.4	9.3	47.0	5.9
Pittsburgh, PA	Beaver, PA	warm	9	Hancock, WV	41.4	117.5	259.1	119.9
Pittsburgh, PA	Beaver, PA	warm	9	Hardy, WV	6.2	8.9	54.3	12.9
Pittsburgh, PA	Beaver, PA	warm	9	Harrison, OH	5.6	6.9	38.8	7.7
Pittsburgh, PA	Beaver, PA	warm	9	Harrison, WV	24.4	121.2	1400.4	311.0
Pittsburgh, PA	Beaver, PA	warm	9	Holmes, OH	14.5	21.6	88.5	9.8
Pittsburgh, PA	Beaver, PA	warm	9	Huntingdon, PA	15.1	17.5	148.6	46.6
Pittsburgh, PA	Beaver, PA	warm	9	Indiana, PA	50.1	590.7	2516.3	8678.6
Pittsburgh, PA	Beaver, PA	warm	9	Jefferson, OH	42.5	542.6	2715.2	13177.9
Pittsburgh, PA	Beaver, PA	warm	9	Jefferson, PA	14.4	14.8	176.4	55.5
Pittsburgh, PA	Beaver, PA	warm	9	Jefferson, WV	14.3	19.4	161.1	34.8
Pittsburgh, PA	Beaver, PA	warm	9	Juniata, PA	7.3	9.5	106.3	14.8
Pittsburgh, PA	Beaver, PA	warm	9	Knox, OH	16.3	27.0	126.7	10.9
Pittsburgh, PA	Beaver, PA	warm	9	Lake, OH	27.2	145.7	1311.0	4741.2
Pittsburgh, PA	Beaver, PA	warm	9	Lawrence, PA	18.4	86.7	529.5	1347.0
Pittsburgh, PA	Beaver, PA	warm	9	Lewis, WV	4.2	6.0	208.9	20.4
Pittsburgh, PA	Beaver, PA	warm	9	Loudoun, VA	28.5	28.4	492.4	60.4
Pittsburgh, PA	Beaver, PA	warm	9	Lycoming, PA	18.1	20.6	252.3	64.0
Pittsburgh, PA	Beaver, PA	warm	9	Mahoning, OH	19.9	21.6	593.3	113.4
Pittsburgh, PA	Beaver, PA	warm	9	Marion, WV	11.1	20.1	241.1	206.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Pittsburgh, PA	Beaver, PA	warm	9	Marshall, WV	18.2	212.9	2349.0	6942.4
Pittsburgh, PA	Beaver, PA	warm	9	McKean, PA	12.5	21.0	191.4	231.0
Pittsburgh, PA	Beaver, PA	warm	9	Medina, OH	32.8	39.7	403.1	44.8
Pittsburgh, PA	Beaver, PA	warm	9	Mercer, PA	17.0	27.5	353.6	61.3
Pittsburgh, PA	Beaver, PA	warm	9	Mifflin, PA	14.4	17.0	158.5	28.8
Pittsburgh, PA	Beaver, PA	warm	9	Mineral, WV	11.7	16.7	71.6	26.5
Pittsburgh, PA	Beaver, PA	warm	9	Monongalia, WV	27.6	237.5	761.9	4958.9
Pittsburgh, PA	Beaver, PA	warm	9	Monroe, OH	9.0	19.9	145.8	202.0
Pittsburgh, PA	Beaver, PA	warm	9	Morgan, OH	5.2	7.6	23.6	2.0
Pittsburgh, PA	Beaver, PA	warm	9	Morgan, WV	5.4	8.5	63.1	9.4
Pittsburgh, PA	Beaver, PA	warm	9	Muskingum, OH	18.9	28.8	274.4	60.4
Pittsburgh, PA	Beaver, PA	warm	9	Noble, OH	5.4	7.0	82.0	3.3
Pittsburgh, PA	Beaver, PA	warm	9	Ohio, WV	8.6	8.5	195.6	31.8
Pittsburgh, PA	Beaver, PA	warm	9	Pendleton, WV	2.7	7.1	30.7	5.1
Pittsburgh, PA	Beaver, PA	warm	9	Pleasants, WV	8.5	87.4	877.2	3647.7
Pittsburgh, PA	Beaver, PA	warm	9	Portage, OH	29.2	29.5	427.6	32.2
Pittsburgh, PA	Beaver, PA	warm	9	Potter, PA	7.8	8.3	114.7	10.8
Pittsburgh, PA	Beaver, PA	warm	9	Preston, WV	9.5	54.6	233.4	1010.1
Pittsburgh, PA	Beaver, PA	warm	9	Randolph, WV	8.0	8.6	150.7	12.8
Pittsburgh, PA	Beaver, PA	warm	9	Ritchie, WV	2.5	5.1	41.7	7.6
Pittsburgh, PA	Beaver, PA	warm	9	Somerset, PA	25.0	26.8	273.8	108.4
Pittsburgh, PA	Beaver, PA	warm	9	Stark, OH	33.7	49.2	767.4	137.3
Pittsburgh, PA	Beaver, PA	warm	9	Summit, OH	33.9	25.0	1021.1	738.0
Pittsburgh, PA	Beaver, PA	warm	9	Taylor, WV	3.0	9.1	85.7	25.0
Pittsburgh, PA	Beaver, PA	warm	9	Trumbull, OH	36.7	56.4	786.6	1088.3
Pittsburgh, PA	Beaver, PA	warm	9	Tucker, WV	2.9	10.3	32.2	7.7
Pittsburgh, PA	Beaver, PA	warm	9	Tuscarawas, OH	17.3	19.5	289.3	170.0
Pittsburgh, PA	Beaver, PA	warm	9	Tyler, WV	3.3	6.1	83.4	28.9
Pittsburgh, PA	Beaver, PA	warm	9	Union, PA	8.5	11.4	117.0	21.1
Pittsburgh, PA	Beaver, PA	warm	9	Upshur, WV	6.6	8.6	71.5	8.2
Pittsburgh, PA	Beaver, PA	warm	9	Venango, PA	13.8	16.1	162.2	112.9
Pittsburgh, PA	Beaver, PA	warm	9	Warren, PA	12.4	15.0	140.6	191.8
Pittsburgh, PA	Beaver, PA	warm	9	Washington, MD	35.9	46.0	593.0	383.2
Pittsburgh, PA	Beaver, PA	warm	9	Washington, OH	43.6	387.4	1431.2	9668.0
Pittsburgh, PA	Beaver, PA	warm	9	Washington, PA	30.2	60.8	959.5	371.7
Pittsburgh, PA	Beaver, PA	warm	9	Wayne, OH	27.6	53.4	443.9	283.1
Pittsburgh, PA	Beaver, PA	warm	9	Westmoreland, PA	47.0	52.1	979.7	206.2
Pittsburgh, PA	Beaver, PA	warm	9	Wetzel, WV	5.0	6.1	234.4	40.6
Pittsburgh, PA	Beaver, PA	warm	9	Wood, WV	24.7	30.5	345.1	367.2
Pittsburgh, PA	Beaver, PA	warm	9	Wyoming, NY	24.5	28.7	86.0	79.5
Pittsburgh, PA	Washington, PA	warm	6	Allegany, MD	16.6	27.1	333.5	896.7
Pittsburgh, PA	Washington, PA	warm	6	Allegany, NY	25.0	22.6	76.9	20.9
Pittsburgh, PA	Washington, PA	warm	6	Allegheny, PA	88.0	95.1	2482.0	2018.5
Pittsburgh, PA	Washington, PA	warm	6	Armstrong, PA	30.6	380.8	798.1	8231.8
Pittsburgh, PA	Washington, PA	warm	6	Ashland, OH	14.2	19.5	132.9	8.7
Pittsburgh, PA	Washington, PA	warm	6	Ashtabula, OH	25.4	27.0	570.8	224.1
Pittsburgh, PA	Washington, PA	warm	6	Athens, OH	8.9	8.9	128.4	57.2
Pittsburgh, PA	Washington, PA	warm	6	Barbour, WV	2.4	5.5	26.2	4.2
Pittsburgh, PA	Washington, PA	warm	6	Beaver, PA	17.7	83.1	1309.8	1782.5
Pittsburgh, PA	Washington, PA	warm	6	Bedford, PA	11.4	11.7	177.8	30.6
Pittsburgh, PA	Washington, PA	warm	6	Belmont, OH	15.4	88.6	391.8	1491.2
Pittsburgh, PA	Washington, PA	warm	6	Berkeley, WV	19.6	27.7	284.8	94.0
Pittsburgh, PA	Washington, PA	warm	6	Blair, PA	12.3	16.6	196.7	93.1
Pittsburgh, PA	Washington, PA	warm	6	Brooke, WV	7.5	13.8	83.6	52.9
Pittsburgh, PA	Washington, PA	warm	6	Butler, PA	17.3	28.6	296.0	131.7
Pittsburgh, PA	Washington, PA	warm	6	Cambria, PA	12.7	18.7	242.3	304.0
Pittsburgh, PA	Washington, PA	warm	6	Cameron, PA	1.5	2.6	11.4	3.0
Pittsburgh, PA	Washington, PA	warm	6	Carroll, OH	5.6	7.5	63.8	4.8
Pittsburgh, PA	Washington, PA	warm	6	Cattaraugus, NY	36.3	32.8	122.2	42.1
Pittsburgh, PA	Washington, PA	warm	6	Centre, PA	18.3	25.9	260.8	223.9
Pittsburgh, PA	Washington, PA	warm	6	Chautauqua, NY	43.2	134.2	425.3	987.0
Pittsburgh, PA	Washington, PA	warm	6	Clarion, PA	9.1	10.5	125.6	60.5
Pittsburgh, PA	Washington, PA	warm	6	Clearfield, PA	19.7	94.5	442.3	1901.9
Pittsburgh, PA	Washington, PA	warm	6	Clinton, PA	8.0	7.0	113.2	22.0
Pittsburgh, PA	Washington, PA	warm	6	Columbiana, OH	14.3	16.8	171.6	20.6
Pittsburgh, PA	Washington, PA	warm	6	Coshocton, OH	19.0	216.7	904.2	4188.3
Pittsburgh, PA	Washington, PA	warm	6	Crawford, PA	16.4	20.7	235.9	43.6
Pittsburgh, PA	Washington, PA	warm	6	Cuyahoga, OH	63.5	43.6	1894.1	508.1
Pittsburgh, PA	Washington, PA	warm	6	Doddridge, WV	1.1	2.9	37.8	2.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Pittsburgh, PA	Washington, PA	warm	6	Elk, PA	4.3	8.4	117.0	209.6
Pittsburgh, PA	Washington, PA	warm	6	Erie, NY	63.8	122.1	1296.3	1189.5
Pittsburgh, PA	Washington, PA	warm	6	Erie, PA	17.3	19.9	473.5	201.1
Pittsburgh, PA	Washington, PA	warm	6	Fayette, PA	11.7	13.4	159.4	50.6
Pittsburgh, PA	Washington, PA	warm	6	Forest, PA	4.4	4.3	34.5	1.6
Pittsburgh, PA	Washington, PA	warm	6	Franklin, PA	15.1	25.8	214.5	33.4
Pittsburgh, PA	Washington, PA	warm	6	Frederick, MD	41.2	52.5	443.7	363.7
Pittsburgh, PA	Washington, PA	warm	6	Frederick, VA	13.7	15.1	167.2	31.9
Pittsburgh, PA	Washington, PA	warm	6	Fulton, PA	4.3	5.8	70.6	10.1
Pittsburgh, PA	Washington, PA	warm	6	Garrett, MD	11.3	9.7	98.0	33.6
Pittsburgh, PA	Washington, PA	warm	6	Geauga, OH	18.1	18.7	121.6	18.0
Pittsburgh, PA	Washington, PA	warm	6	Gilmer, WV	1.4	3.1	43.0	3.3
Pittsburgh, PA	Washington, PA	warm	6	Grant, WV	13.5	200.8	948.6	182.0
Pittsburgh, PA	Washington, PA	warm	6	Greene, PA	23.2	282.3	799.0	5747.2
Pittsburgh, PA	Washington, PA	warm	6	Guernsey, OH	10.2	9.1	235.1	31.3
Pittsburgh, PA	Washington, PA	warm	6	Hampshire, WV	5.6	6.2	31.3	3.9
Pittsburgh, PA	Washington, PA	warm	6	Hancock, WV	27.6	78.3	172.7	80.0
Pittsburgh, PA	Washington, PA	warm	6	Hardy, WV	4.1	6.0	36.2	8.6
Pittsburgh, PA	Washington, PA	warm	6	Harrison, OH	3.7	4.6	25.8	5.1
Pittsburgh, PA	Washington, PA	warm	6	Harrison, WV	16.3	80.8	933.6	207.3
Pittsburgh, PA	Washington, PA	warm	6	Holmes, OH	9.7	14.4	59.0	6.6
Pittsburgh, PA	Washington, PA	warm	6	Huntingdon, PA	10.1	11.7	99.1	31.0
Pittsburgh, PA	Washington, PA	warm	6	Indiana, PA	33.4	393.8	1677.5	5785.7
Pittsburgh, PA	Washington, PA	warm	6	Jefferson, OH	28.3	361.7	1810.1	8785.3
Pittsburgh, PA	Washington, PA	warm	6	Jefferson, PA	9.6	9.9	117.6	37.0
Pittsburgh, PA	Washington, PA	warm	6	Jefferson, WV	9.5	12.9	107.4	23.2
Pittsburgh, PA	Washington, PA	warm	6	Juniata, PA	4.9	6.4	70.9	9.9
Pittsburgh, PA	Washington, PA	warm	6	Knox, OH	10.8	18.0	84.5	7.3
Pittsburgh, PA	Washington, PA	warm	6	Lake, OH	18.2	97.1	874.0	3160.8
Pittsburgh, PA	Washington, PA	warm	6	Lawrence, PA	12.3	57.8	353.0	898.0
Pittsburgh, PA	Washington, PA	warm	6	Lewis, WV	2.8	4.0	139.3	13.6
Pittsburgh, PA	Washington, PA	warm	6	Loudoun, VA	19.0	18.9	328.2	40.3
Pittsburgh, PA	Washington, PA	warm	6	Lycoming, PA	12.1	13.7	168.2	42.7
Pittsburgh, PA	Washington, PA	warm	6	Mahoning, OH	13.3	14.4	395.5	75.6
Pittsburgh, PA	Washington, PA	warm	6	Marion, WV	7.4	13.4	160.7	137.8
Pittsburgh, PA	Washington, PA	warm	6	Marshall, WV	12.1	141.9	1566.0	4628.3
Pittsburgh, PA	Washington, PA	warm	6	McKean, PA	8.3	14.0	127.6	154.0
Pittsburgh, PA	Washington, PA	warm	6	Medina, OH	21.9	26.4	268.8	29.8
Pittsburgh, PA	Washington, PA	warm	6	Mercer, PA	11.4	18.3	235.7	40.9
Pittsburgh, PA	Washington, PA	warm	6	Mifflin, PA	9.6	11.3	105.7	19.2
Pittsburgh, PA	Washington, PA	warm	6	Mineral, WV	7.8	11.2	47.8	17.7
Pittsburgh, PA	Washington, PA	warm	6	Monongalia, WV	18.4	158.3	507.9	3305.9
Pittsburgh, PA	Washington, PA	warm	6	Monroe, OH	6.0	13.3	97.2	134.7
Pittsburgh, PA	Washington, PA	warm	6	Morgan, OH	3.5	5.1	15.7	1.3
Pittsburgh, PA	Washington, PA	warm	6	Morgan, WV	3.6	5.6	42.0	6.3
Pittsburgh, PA	Washington, PA	warm	6	Muskingum, OH	12.6	19.2	182.9	40.2
Pittsburgh, PA	Washington, PA	warm	6	Noble, OH	3.6	4.7	54.7	2.2
Pittsburgh, PA	Washington, PA	warm	6	Ohio, WV	5.7	5.7	130.4	21.2
Pittsburgh, PA	Washington, PA	warm	6	Pendleton, WV	1.8	4.7	20.5	3.4
Pittsburgh, PA	Washington, PA	warm	6	Pleasants, WV	5.7	58.2	584.8	2431.8
Pittsburgh, PA	Washington, PA	warm	6	Portage, OH	19.4	19.7	285.0	21.5
Pittsburgh, PA	Washington, PA	warm	6	Potter, PA	5.2	5.6	76.5	7.2
Pittsburgh, PA	Washington, PA	warm	6	Preston, WV	6.4	36.4	155.6	673.4
Pittsburgh, PA	Washington, PA	warm	6	Randolph, WV	5.4	5.7	100.5	8.5
Pittsburgh, PA	Washington, PA	warm	6	Ritchie, WV	1.7	3.4	27.8	5.1
Pittsburgh, PA	Washington, PA	warm	6	Somerset, PA	16.7	17.9	182.5	72.3
Pittsburgh, PA	Washington, PA	warm	6	Stark, OH	22.5	32.8	511.6	91.5
Pittsburgh, PA	Washington, PA	warm	6	Summit, OH	22.6	16.6	680.8	492.0
Pittsburgh, PA	Washington, PA	warm	6	Taylor, WV	2.0	6.1	57.1	16.6
Pittsburgh, PA	Washington, PA	warm	6	Trumbull, OH	24.5	37.6	524.4	725.5
Pittsburgh, PA	Washington, PA	warm	6	Tucker, WV	1.9	6.9	21.5	5.2
Pittsburgh, PA	Washington, PA	warm	6	Tuscarawas, OH	11.5	13.0	192.9	113.3
Pittsburgh, PA	Washington, PA	warm	6	Tyler, WV	2.2	4.1	55.6	19.3
Pittsburgh, PA	Washington, PA	warm	6	Union, PA	5.7	7.6	78.0	14.1
Pittsburgh, PA	Washington, PA	warm	6	Upshur, WV	4.4	5.7	47.7	5.5
Pittsburgh, PA	Washington, PA	warm	6	Venango, PA	9.2	10.7	108.1	75.3
Pittsburgh, PA	Washington, PA	warm	6	Warren, PA	8.2	10.0	93.7	127.9
Pittsburgh, PA	Washington, PA	warm	6	Washington, MD	23.9	30.6	395.3	255.5
Pittsburgh, PA	Washington, PA	warm	6	Washington, OH	29.0	258.3	954.1	6445.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Pittsburgh, PA	Washington, PA	warm	6	Washington, PA	20.1	40.5	639.6	247.8
Pittsburgh, PA	Washington, PA	warm	6	Wayne, OH	18.4	35.6	295.9	188.7
Pittsburgh, PA	Washington, PA	warm	6	Westmoreland, PA	31.3	34.8	653.1	137.5
Pittsburgh, PA	Washington, PA	warm	6	Wetzel, WV	3.3	4.1	156.3	27.1
Pittsburgh, PA	Washington, PA	warm	6	Wood, WV	16.5	20.4	230.0	244.8
Pittsburgh, PA	Washington, PA	warm	6	Wyoming, NY	16.4	19.1	57.4	53.0
Pittsburgh, PA	Westmoreland, PA	warm	10	Allegany, MD	27.7	45.2	555.9	1494.6
Pittsburgh, PA	Westmoreland, PA	warm	10	Allegany, NY	41.7	37.6	128.2	34.9
Pittsburgh, PA	Westmoreland, PA	warm	10	Allegheny, PA	146.7	158.6	4136.6	3364.1
Pittsburgh, PA	Westmoreland, PA	warm	10	Armstrong, PA	51.0	634.7	1330.2	13719.6
Pittsburgh, PA	Westmoreland, PA	warm	10	Ashland, OH	23.7	32.5	221.4	14.4
Pittsburgh, PA	Westmoreland, PA	warm	10	Ashtabula, OH	42.3	45.0	951.3	373.4
Pittsburgh, PA	Westmoreland, PA	warm	10	Athens, OH	14.9	14.9	214.0	95.4
Pittsburgh, PA	Westmoreland, PA	warm	10	Barbour, WV	4.0	9.2	43.7	7.0
Pittsburgh, PA	Westmoreland, PA	warm	10	Beaver, PA	29.5	138.5	2183.0	2970.8
Pittsburgh, PA	Westmoreland, PA	warm	10	Bedford, PA	19.0	19.6	296.3	50.9
Pittsburgh, PA	Westmoreland, PA	warm	10	Belmont, OH	25.6	147.7	653.0	2485.3
Pittsburgh, PA	Westmoreland, PA	warm	10	Berkeley, WV	32.6	46.2	474.6	156.6
Pittsburgh, PA	Westmoreland, PA	warm	10	Blair, PA	20.6	27.7	327.8	155.1
Pittsburgh, PA	Westmoreland, PA	warm	10	Brooke, WV	12.5	22.9	139.3	88.2
Pittsburgh, PA	Westmoreland, PA	warm	10	Butler, PA	28.9	47.6	493.4	219.5
Pittsburgh, PA	Westmoreland, PA	warm	10	Cambria, PA	21.2	31.2	403.8	506.7
Pittsburgh, PA	Westmoreland, PA	warm	10	Cameron, PA	2.6	4.3	19.0	4.9
Pittsburgh, PA	Westmoreland, PA	warm	10	Carroll, OH	9.3	12.6	106.3	8.0
Pittsburgh, PA	Westmoreland, PA	warm	10	Cattaraugus, NY	60.5	54.6	203.6	70.2
Pittsburgh, PA	Westmoreland, PA	warm	10	Centre, PA	30.4	43.2	434.7	373.1
Pittsburgh, PA	Westmoreland, PA	warm	10	Chautauqua, NY	71.9	223.7	708.8	1644.9
Pittsburgh, PA	Westmoreland, PA	warm	10	Clarion, PA	15.2	17.5	209.3	100.8
Pittsburgh, PA	Westmoreland, PA	warm	10	Clearfield, PA	32.9	157.5	737.2	3169.8
Pittsburgh, PA	Westmoreland, PA	warm	10	Clinton, PA	13.3	11.6	188.6	36.7
Pittsburgh, PA	Westmoreland, PA	warm	10	Columbiana, OH	23.9	28.0	286.1	34.3
Pittsburgh, PA	Westmoreland, PA	warm	10	Coshocton, OH	31.6	361.2	1507.0	6980.5
Pittsburgh, PA	Westmoreland, PA	warm	10	Crawford, PA	27.3	34.5	393.2	72.6
Pittsburgh, PA	Westmoreland, PA	warm	10	Cuyahoga, OH	105.8	72.6	3156.9	846.9
Pittsburgh, PA	Westmoreland, PA	warm	10	Doddridge, WV	1.8	4.9	62.9	3.5
Pittsburgh, PA	Westmoreland, PA	warm	10	Elk, PA	7.1	14.0	194.9	349.4
Pittsburgh, PA	Westmoreland, PA	warm	10	Erie, NY	106.4	203.5	2160.6	1982.4
Pittsburgh, PA	Westmoreland, PA	warm	10	Erie, PA	28.9	33.2	789.2	335.2
Pittsburgh, PA	Westmoreland, PA	warm	10	Fayette, PA	19.5	22.3	265.6	84.4
Pittsburgh, PA	Westmoreland, PA	warm	10	Forest, PA	7.3	7.2	57.4	2.7
Pittsburgh, PA	Westmoreland, PA	warm	10	Franklin, PA	25.1	43.0	357.5	55.6
Pittsburgh, PA	Westmoreland, PA	warm	10	Frederick, MD	68.7	87.5	739.6	606.2
Pittsburgh, PA	Westmoreland, PA	warm	10	Frederick, VA	22.8	25.1	278.6	53.2
Pittsburgh, PA	Westmoreland, PA	warm	10	Fulton, PA	7.1	9.6	117.7	16.9
Pittsburgh, PA	Westmoreland, PA	warm	10	Garrett, MD	18.8	16.2	163.3	56.1
Pittsburgh, PA	Westmoreland, PA	warm	10	Geauga, OH	30.1	31.2	202.7	29.9
Pittsburgh, PA	Westmoreland, PA	warm	10	Gilmer, WV	2.3	5.1	71.6	5.4
Pittsburgh, PA	Westmoreland, PA	warm	10	Grant, WV	22.5	334.7	1581.0	303.4
Pittsburgh, PA	Westmoreland, PA	warm	10	Greene, PA	38.7	470.4	1331.6	9578.7
Pittsburgh, PA	Westmoreland, PA	warm	10	Guernsey, OH	16.9	15.2	391.8	52.2
Pittsburgh, PA	Westmoreland, PA	warm	10	Hampshire, WV	9.4	10.4	52.2	6.6
Pittsburgh, PA	Westmoreland, PA	warm	10	Hancock, WV	46.0	130.5	287.8	133.3
Pittsburgh, PA	Westmoreland, PA	warm	10	Hardy, WV	6.9	9.9	60.4	14.4
Pittsburgh, PA	Westmoreland, PA	warm	10	Harrison, OH	6.2	7.7	43.1	8.5
Pittsburgh, PA	Westmoreland, PA	warm	10	Harrison, WV	27.1	134.7	1556.0	345.6
Pittsburgh, PA	Westmoreland, PA	warm	10	Holmes, OH	16.1	24.0	98.3	10.9
Pittsburgh, PA	Westmoreland, PA	warm	10	Huntingdon, PA	16.8	19.4	165.1	51.7
Pittsburgh, PA	Westmoreland, PA	warm	10	Indiana, PA	55.6	656.4	2795.9	9642.9
Pittsburgh, PA	Westmoreland, PA	warm	10	Jefferson, OH	47.2	602.9	3016.9	14642.2
Pittsburgh, PA	Westmoreland, PA	warm	10	Jefferson, PA	16.0	16.5	196.0	61.7
Pittsburgh, PA	Westmoreland, PA	warm	10	Jefferson, WV	15.8	21.5	179.0	38.6
Pittsburgh, PA	Westmoreland, PA	warm	10	Juniata, PA	8.2	10.6	118.1	16.4
Pittsburgh, PA	Westmoreland, PA	warm	10	Knox, OH	18.1	30.0	140.8	12.1
Pittsburgh, PA	Westmoreland, PA	warm	10	Lake, OH	30.3	161.9	1456.7	5268.0
Pittsburgh, PA	Westmoreland, PA	warm	10	Lawrence, PA	20.5	96.3	588.3	1496.7
Pittsburgh, PA	Westmoreland, PA	warm	10	Lewis, WV	4.7	6.7	232.2	22.6
Pittsburgh, PA	Westmoreland, PA	warm	10	Loudoun, VA	31.7	31.5	547.1	67.1
Pittsburgh, PA	Westmoreland, PA	warm	10	Lycoming, PA	20.1	22.9	280.4	71.1
Pittsburgh, PA	Westmoreland, PA	warm	10	Mahoning, OH	22.1	24.0	659.2	126.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Pittsburgh, PA	Westmoreland, PA	warm	10	Marion, WV	12.3	22.4	267.9	229.6
Pittsburgh, PA	Westmoreland, PA	warm	10	Marshall, WV	20.2	236.5	2610.0	7713.8
Pittsburgh, PA	Westmoreland, PA	warm	10	McKean, PA	13.9	23.4	212.7	256.7
Pittsburgh, PA	Westmoreland, PA	warm	10	Medina, OH	36.5	44.1	447.9	49.7
Pittsburgh, PA	Westmoreland, PA	warm	10	Mercer, PA	18.9	30.5	392.8	68.1
Pittsburgh, PA	Westmoreland, PA	warm	10	Mifflin, PA	16.0	18.9	176.1	32.0
Pittsburgh, PA	Westmoreland, PA	warm	10	Mineral, WV	13.0	18.6	79.6	29.4
Pittsburgh, PA	Westmoreland, PA	warm	10	Monongalia, WV	30.7	263.9	846.6	5509.8
Pittsburgh, PA	Westmoreland, PA	warm	10	Monroe, OH	10.0	22.1	162.0	224.4
Pittsburgh, PA	Westmoreland, PA	warm	10	Morgan, OH	5.8	8.5	26.2	2.2
Pittsburgh, PA	Westmoreland, PA	warm	10	Morgan, WV	6.0	9.4	70.1	10.5
Pittsburgh, PA	Westmoreland, PA	warm	10	Muskingum, OH	21.0	32.0	304.9	67.1
Pittsburgh, PA	Westmoreland, PA	warm	10	Noble, OH	6.0	7.8	91.2	3.7
Pittsburgh, PA	Westmoreland, PA	warm	10	Ohio, WV	9.6	9.5	217.4	35.4
Pittsburgh, PA	Westmoreland, PA	warm	10	Pendleton, WV	3.0	7.9	34.1	5.7
Pittsburgh, PA	Westmoreland, PA	warm	10	Pleasants, WV	9.4	97.1	974.6	4053.0
Pittsburgh, PA	Westmoreland, PA	warm	10	Portage, OH	32.4	32.8	475.1	35.8
Pittsburgh, PA	Westmoreland, PA	warm	10	Potter, PA	8.6	9.3	127.5	12.0
Pittsburgh, PA	Westmoreland, PA	warm	10	Preston, WV	10.6	60.7	259.4	1122.3
Pittsburgh, PA	Westmoreland, PA	warm	10	Randolph, WV	8.9	9.5	167.5	14.2
Pittsburgh, PA	Westmoreland, PA	warm	10	Ritchie, WV	2.8	5.6	46.3	8.4
Pittsburgh, PA	Westmoreland, PA	warm	10	Somerset, PA	27.8	29.8	304.2	120.5
Pittsburgh, PA	Westmoreland, PA	warm	10	Stark, OH	37.5	54.7	852.7	152.5
Pittsburgh, PA	Westmoreland, PA	warm	10	Summit, OH	37.6	27.7	1134.6	820.0
Pittsburgh, PA	Westmoreland, PA	warm	10	Taylor, WV	3.3	10.1	95.2	27.7
Pittsburgh, PA	Westmoreland, PA	warm	10	Trumbull, OH	40.8	62.7	874.0	1209.2
Pittsburgh, PA	Westmoreland, PA	warm	10	Tucker, WV	3.2	11.5	35.8	8.6
Pittsburgh, PA	Westmoreland, PA	warm	10	Tuscarawas, OH	19.2	21.7	321.5	188.9
Pittsburgh, PA	Westmoreland, PA	warm	10	Tyler, WV	3.7	6.8	92.7	32.1
Pittsburgh, PA	Westmoreland, PA	warm	10	Union, PA	9.4	12.7	130.0	23.5
Pittsburgh, PA	Westmoreland, PA	warm	10	Upshur, WV	7.4	9.5	79.5	9.1
Pittsburgh, PA	Westmoreland, PA	warm	10	Venango, PA	15.4	17.9	180.2	125.4
Pittsburgh, PA	Westmoreland, PA	warm	10	Warren, PA	13.7	16.7	156.2	213.1
Pittsburgh, PA	Westmoreland, PA	warm	10	Washington, MD	39.9	51.1	658.9	425.8
Pittsburgh, PA	Westmoreland, PA	warm	10	Washington, OH	48.4	430.5	1590.2	10742.3
Pittsburgh, PA	Westmoreland, PA	warm	10	Washington, PA	33.6	67.6	1066.1	413.0
Pittsburgh, PA	Westmoreland, PA	warm	10	Wayne, OH	30.6	59.4	493.2	314.5
Pittsburgh, PA	Westmoreland, PA	warm	10	Westmoreland, PA	52.2	57.9	1088.5	229.2
Pittsburgh, PA	Westmoreland, PA	warm	10	Wetzel, WV	5.6	6.8	260.4	45.2
Pittsburgh, PA	Westmoreland, PA	warm	10	Wood, WV	27.5	33.9	383.4	408.0
Pittsburgh, PA	Westmoreland, PA	warm	10	Wyoming, NY	27.3	31.9	95.6	88.3
Provo, UT	Utah, UT	cold	39	Ada, ID	135.5	172.6	1112.3	74.6
Provo, UT	Utah, UT	cold	39	Albany, WY	13.6	42.0	423.7	53.7
Provo, UT	Utah, UT	cold	39	Apache, AZ	34.6	132.0	1491.0	1172.8
Provo, UT	Utah, UT	cold	39	Archuleta, CO	6.5	4.5	25.6	1.8
Provo, UT	Utah, UT	cold	39	Baker, OR	241.5	129.5	271.3	37.6
Provo, UT	Utah, UT	cold	39	Bannock, ID	261.7	164.3	273.9	38.1
Provo, UT	Utah, UT	cold	39	Bear Lake, ID	7.2	12.7	119.0	2.0
Provo, UT	Utah, UT	cold	39	Beaver, UT	9.8	8.1	87.8	12.9
Provo, UT	Utah, UT	cold	39	Bingham, ID	38.3	83.2	194.7	13.0
Provo, UT	Utah, UT	cold	39	Blaine, ID	215.6	122.3	162.6	26.9
Provo, UT	Utah, UT	cold	39	Boise, ID	20.6	15.1	47.8	4.9
Provo, UT	Utah, UT	cold	39	Bonneville, ID	60.7	75.1	244.2	23.4
Provo, UT	Utah, UT	cold	39	Box Elder, UT	24.6	44.0	294.9	19.5
Provo, UT	Utah, UT	cold	39	Butte, ID	2.6	7.7	22.2	5.1
Provo, UT	Utah, UT	cold	39	Cache, UT	14.9	24.9	217.0	13.5
Provo, UT	Utah, UT	cold	39	Camas, ID	7.1	6.0	10.8	1.2
Provo, UT	Utah, UT	cold	39	Canyon, ID	58.9	156.6	470.2	135.5
Provo, UT	Utah, UT	cold	39	Carbon, UT	5.1	21.7	313.1	380.3
Provo, UT	Utah, UT	cold	39	Carbon, WY	25.4	69.8	404.9	212.9
Provo, UT	Utah, UT	cold	39	Caribou, ID	87.8	140.7	162.4	715.8
Provo, UT	Utah, UT	cold	39	Carson, NV	18.0	17.1	71.6	73.8
Provo, UT	Utah, UT	cold	39	Cassia, ID	15.7	35.7	123.4	7.1
Provo, UT	Utah, UT	cold	39	Catron, NM	144.2	94.5	29.7	15.3
Provo, UT	Utah, UT	cold	39	Chaffee, CO	9.9	9.9	37.9	7.7
Provo, UT	Utah, UT	cold	39	Churchill, NV	11.2	31.5	112.8	14.9
Provo, UT	Utah, UT	cold	39	Cibola, NM	12.0	32.3	209.5	12.8
Provo, UT	Utah, UT	cold	39	Clark, NV	876.1	662.2	4087.1	3045.7
Provo, UT	Utah, UT	cold	39	Coconino, AZ	96.6	205.9	2610.8	261.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Provo, UT	Utah, UT	cold	39	Converse, WY	16.1	107.7	1151.3	1136.0
Provo, UT	Utah, UT	cold	39	Crook, OR	23.7	24.2	48.8	5.5
Provo, UT	Utah, UT	cold	39	Custer, ID	230.4	121.5	68.2	29.5
Provo, UT	Utah, UT	cold	39	Daggett, UT	39.0	19.0	59.5	6.2
Provo, UT	Utah, UT	cold	39	Davis, UT	25.8	51.6	703.7	142.1
Provo, UT	Utah, UT	cold	39	Delta, CO	14.4	19.8	69.6	6.6
Provo, UT	Utah, UT	cold	39	Deschutes, OR	106.2	111.6	323.6	29.7
Provo, UT	Utah, UT	cold	39	Dolores, CO	13.6	13.3	20.3	1.7
Provo, UT	Utah, UT	cold	39	Duchesne, UT	17.8	15.7	76.1	8.0
Provo, UT	Utah, UT	cold	39	Eagle, CO	19.4	18.9	191.1	12.6
Provo, UT	Utah, UT	cold	39	Elko, NV	113.0	87.5	365.2	43.4
Provo, UT	Utah, UT	cold	39	Elmore, ID	63.3	53.1	178.8	13.7
Provo, UT	Utah, UT	cold	39	Emery, UT	10.4	136.4	1691.0	1354.3
Provo, UT	Utah, UT	cold	39	Esmeralda, NV	0.5	10.5	6.0	3.4
Provo, UT	Utah, UT	cold	39	Eureka, NV	5.6	18.0	79.8	21.6
Provo, UT	Utah, UT	cold	39	Franklin, ID	7.6	17.0	48.2	3.2
Provo, UT	Utah, UT	cold	39	Fremont, WY	33.2	171.9	167.5	153.6
Provo, UT	Utah, UT	cold	39	Fresno, CA	256.0	211.5	2061.0	322.5
Provo, UT	Utah, UT	cold	39	Garfield, CO	27.2	20.6	312.4	11.9
Provo, UT	Utah, UT	cold	39	Garfield, UT	20.2	13.2	28.3	7.5
Provo, UT	Utah, UT	cold	39	Gem, ID	6.8	19.4	82.8	4.3
Provo, UT	Utah, UT	cold	39	Gila, AZ	110.7	75.9	112.6	1064.3
Provo, UT	Utah, UT	cold	39	Gooding, ID	15.9	30.3	63.4	3.0
Provo, UT	Utah, UT	cold	39	Graham, AZ	8.3	24.1	56.5	3.1
Provo, UT	Utah, UT	cold	39	Grand, CO	52.4	27.4	97.7	18.9
Provo, UT	Utah, UT	cold	39	Grand, UT	5.3	4.7	87.8	3.3
Provo, UT	Utah, UT	cold	39	Grant, OR	15.4	14.5	40.2	3.1
Provo, UT	Utah, UT	cold	39	Greenlee, AZ	34.8	59.1	28.8	8.9
Provo, UT	Utah, UT	cold	39	Gunnison, CO	15.9	10.9	52.8	5.5
Provo, UT	Utah, UT	cold	39	Harney, OR	34.7	23.4	55.4	8.0
Provo, UT	Utah, UT	cold	39	Hot Springs, WY	3.8	21.0	19.4	3.3
Provo, UT	Utah, UT	cold	39	Humboldt, NV	21.6	44.2	679.6	564.8
Provo, UT	Utah, UT	cold	39	Inyo, CA	21.9	53.4	68.3	14.2
Provo, UT	Utah, UT	cold	39	Iron, UT	8.3	11.2	199.1	30.8
Provo, UT	Utah, UT	cold	39	Jackson, CO	2.3	1.7	11.6	1.0
Provo, UT	Utah, UT	cold	39	Jerome, ID	38.4	47.0	99.2	7.6
Provo, UT	Utah, UT	cold	39	Juab, UT	6.9	15.9	206.2	17.3
Provo, UT	Utah, UT	cold	39	Kane, UT	5.6	5.6	24.5	5.8
Provo, UT	Utah, UT	cold	39	Kern, CA	180.3	170.9	3463.6	194.0
Provo, UT	Utah, UT	cold	39	La Paz, AZ	23.3	25.5	173.5	11.3
Provo, UT	Utah, UT	cold	39	La Plata, CO	10.5	10.3	231.6	7.2
Provo, UT	Utah, UT	cold	39	Lake, CO	4.7	9.0	73.8	2.8
Provo, UT	Utah, UT	cold	39	Lake, OR	16.9	14.8	61.2	5.1
Provo, UT	Utah, UT	cold	39	Lander, NV	4.0	14.3	53.5	5.1
Provo, UT	Utah, UT	cold	39	Lassen, CA	45.0	40.8	151.3	9.3
Provo, UT	Utah, UT	cold	39	Lincoln, ID	36.4	22.8	26.7	9.1
Provo, UT	Utah, UT	cold	39	Lincoln, NV	426.6	231.1	143.6	52.9
Provo, UT	Utah, UT	cold	39	Lincoln, WY	64.7	215.4	1137.8	1449.4
Provo, UT	Utah, UT	cold	39	Lyon, NV	13.2	43.0	412.3	37.2
Provo, UT	Utah, UT	cold	39	Malheur, OR	46.0	74.5	171.8	57.5
Provo, UT	Utah, UT	cold	39	McKinley, NM	31.7	136.5	913.1	161.8
Provo, UT	Utah, UT	cold	39	Mesa, CO	30.6	53.1	352.8	194.4
Provo, UT	Utah, UT	cold	39	Millard, UT	19.9	110.5	1662.3	249.9
Provo, UT	Utah, UT	cold	39	Mineral, NV	1.7	23.9	11.3	1.3
Provo, UT	Utah, UT	cold	39	Minidoka, ID	34.6	37.6	177.5	24.1
Provo, UT	Utah, UT	cold	39	Modoc, CA	16.7	17.9	94.4	3.7
Provo, UT	Utah, UT	cold	39	Moffat, CO	12.2	89.8	1097.3	234.4
Provo, UT	Utah, UT	cold	39	Mohave, AZ	247.5	151.3	773.8	71.8
Provo, UT	Utah, UT	cold	39	Mono, CA	16.8	31.6	43.6	1.5
Provo, UT	Utah, UT	cold	39	Montezuma, CO	21.2	19.2	76.4	6.0
Provo, UT	Utah, UT	cold	39	Montrose, CO	11.8	29.2	179.7	86.1
Provo, UT	Utah, UT	cold	39	Morgan, UT	12.2	9.2	177.2	10.7
Provo, UT	Utah, UT	cold	39	Natrona, WY	21.6	107.9	303.1	123.0
Provo, UT	Utah, UT	cold	39	Navajo, AZ	46.4	174.7	1413.2	1361.4
Provo, UT	Utah, UT	cold	39	Nevada, CA	72.4	51.2	195.7	14.8
Provo, UT	Utah, UT	cold	39	Nye, NV	76.1	50.4	83.9	27.9
Provo, UT	Utah, UT	cold	39	Oneida, ID	6.4	12.1	29.6	2.5
Provo, UT	Utah, UT	cold	39	Ouray, CO	4.7	4.9	19.8	1.6
Provo, UT	Utah, UT	cold	39	Owyhee, ID	110.0	78.7	69.4	27.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Provo, UT	Utah, UT	cold	39	Park, WY	16.3	108.2	148.0	124.3
Provo, UT	Utah, UT	cold	39	Payette, ID	11.6	33.9	88.0	5.4
Provo, UT	Utah, UT	cold	39	Pershing, NV	3.9	16.1	105.4	6.4
Provo, UT	Utah, UT	cold	39	Pitkin, CO	4.0	4.9	39.3	4.3
Provo, UT	Utah, UT	cold	39	Piute, UT	15.6	8.7	9.7	3.7
Provo, UT	Utah, UT	cold	39	Placer, CA	75.2	53.0	656.3	51.8
Provo, UT	Utah, UT	cold	39	Power, ID	67.3	51.7	60.4	102.4
Provo, UT	Utah, UT	cold	39	Rich, UT	2.3	4.3	12.5	2.2
Provo, UT	Utah, UT	cold	39	Rio Arriba, NM	57.6	210.9	254.2	9.2
Provo, UT	Utah, UT	cold	39	Rio Blanco, CO	26.0	18.8	221.7	6.8
Provo, UT	Utah, UT	cold	39	Routt, CO	16.8	49.4	532.2	171.4
Provo, UT	Utah, UT	cold	39	Salt Lake, UT	80.2	97.8	1608.2	324.8
Provo, UT	Utah, UT	cold	39	San Bernardino, CA	286.1	368.3	5466.7	214.6
Provo, UT	Utah, UT	cold	39	San Juan, CO	1.5	0.6	8.7	0.5
Provo, UT	Utah, UT	cold	39	San Juan, NM	53.9	448.0	4857.8	1733.4
Provo, UT	Utah, UT	cold	39	San Juan, UT	20.1	13.8	92.5	92.1
Provo, UT	Utah, UT	cold	39	San Miguel, CO	7.7	5.4	36.5	2.8
Provo, UT	Utah, UT	cold	39	Sandoval, NM	29.2	151.8	216.4	32.8
Provo, UT	Utah, UT	cold	39	Sanpete, UT	21.6	16.8	54.5	24.8
Provo, UT	Utah, UT	cold	39	Sevier, UT	12.1	12.0	104.1	26.1
Provo, UT	Utah, UT	cold	39	Sierra, CA	29.8	16.1	34.1	6.7
Provo, UT	Utah, UT	cold	39	Storey, NV	3.9	16.2	117.8	8.9
Provo, UT	Utah, UT	cold	39	Sublette, WY	13.1	50.2	133.6	6.3
Provo, UT	Utah, UT	cold	39	Summit, CO	12.5	14.3	82.1	6.4
Provo, UT	Utah, UT	cold	39	Summit, UT	7.5	11.9	207.1	16.8
Provo, UT	Utah, UT	cold	39	Sweetwater, WY	47.1	419.6	3026.5	2020.6
Provo, UT	Utah, UT	cold	39	Teton, WY	23.1	74.4	63.5	24.0
Provo, UT	Utah, UT	cold	39	Tooele, UT	41.0	55.9	304.8	29.7
Provo, UT	Utah, UT	cold	39	Tulare, CA	103.8	100.8	1012.1	83.6
Provo, UT	Utah, UT	cold	39	Twin Falls, ID	40.8	94.9	300.5	71.9
Provo, UT	Utah, UT	cold	39	Uinta, WY	12.2	76.8	274.4	414.7
Provo, UT	Utah, UT	cold	39	Uintah, UT	7.5	34.3	482.2	74.8
Provo, UT	Utah, UT	cold	39	Utah, UT	38.9	51.4	779.9	57.3
Provo, UT	Utah, UT	cold	39	Wasatch, UT	5.7	8.2	52.1	3.3
Provo, UT	Utah, UT	cold	39	Washakie, WY	7.9	34.9	101.3	28.2
Provo, UT	Utah, UT	cold	39	Washington, ID	25.6	21.6	64.0	6.5
Provo, UT	Utah, UT	cold	39	Washington, UT	155.9	104.9	286.0	41.7
Provo, UT	Utah, UT	cold	39	Washoe, NV	60.8	88.8	751.3	232.6
Provo, UT	Utah, UT	cold	39	Wayne, UT	1.0	2.8	11.4	8.9
Provo, UT	Utah, UT	cold	39	Weber, UT	21.2	28.4	393.4	20.2
Provo, UT	Utah, UT	cold	39	White Pine, NV	4.7	15.0	27.0	2.1
Provo, UT	Utah, UT	cold	39	Yavapai, AZ	328.0	212.3	769.8	114.5
Reading, PA	Berks, PA	cold	2	Adams, PA	4.2	6.4	26.7	5.5
Reading, PA	Berks, PA	cold	2	Allegany, NY	6.0	5.4	18.5	5.0
Reading, PA	Berks, PA	cold	2	Anne Arundel, MD	12.4	29.6	316.7	665.7
Reading, PA	Berks, PA	cold	2	Arlington, VA	3.3	2.9	61.7	9.9
Reading, PA	Berks, PA	cold	2	Atlantic, NJ	9.9	5.7	69.0	7.1
Reading, PA	Berks, PA	cold	2	Baltimore (City), MD	7.3	11.7	179.8	107.6
Reading, PA	Berks, PA	cold	2	Baltimore, MD	17.8	37.1	325.2	421.0
Reading, PA	Berks, PA	cold	2	Bedford, PA	2.7	2.8	42.8	7.4
Reading, PA	Berks, PA	cold	2	Berks, PA	8.7	20.7	170.6	178.1
Reading, PA	Berks, PA	cold	2	Blair, PA	3.0	4.0	47.3	22.4
Reading, PA	Berks, PA	cold	2	Bradford, PA	3.2	3.5	22.0	7.0
Reading, PA	Berks, PA	cold	2	Broome, NY	7.1	10.8	81.6	131.7
Reading, PA	Berks, PA	cold	2	Bucks, PA	8.3	10.0	158.4	37.3
Reading, PA	Berks, PA	cold	2	Burlington, NJ	10.7	7.0	146.9	31.8
Reading, PA	Berks, PA	cold	2	Calvert, MD	3.2	2.8	17.6	4.0
Reading, PA	Berks, PA	cold	2	Camden, NJ	5.6	3.2	130.7	17.4
Reading, PA	Berks, PA	cold	2	Cameron, PA	0.4	0.6	2.7	0.7
Reading, PA	Berks, PA	cold	2	Cape May, NJ	5.6	8.9	73.7	102.8
Reading, PA	Berks, PA	cold	2	Carbon, PA	2.9	3.0	27.5	13.5
Reading, PA	Berks, PA	cold	2	Caroline, MD	1.1	2.1	10.5	5.3
Reading, PA	Berks, PA	cold	2	Carroll, MD	6.2	7.7	60.5	13.9
Reading, PA	Berks, PA	cold	2	Cecil, MD	4.2	3.9	37.4	12.2
Reading, PA	Berks, PA	cold	2	Centre, PA	4.4	6.2	62.7	53.9
Reading, PA	Berks, PA	cold	2	Chemung, NY	3.7	4.7	32.2	15.0
Reading, PA	Berks, PA	cold	2	Chester, PA	7.5	11.6	155.7	75.4
Reading, PA	Berks, PA	cold	2	Clearfield, PA	4.7	22.7	106.4	457.5
Reading, PA	Berks, PA	cold	2	Clinton, PA	1.9	1.7	27.2	5.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Reading, PA	Berks, PA	cold	2	Columbia, PA	1.9	3.0	25.0	7.5
Reading, PA	Berks, PA	cold	2	Cumberland, NJ	4.1	3.9	61.6	30.2
Reading, PA	Berks, PA	cold	2	Cumberland, PA	6.6	8.1	136.4	18.6
Reading, PA	Berks, PA	cold	2	Dauphin, PA	5.0	4.8	118.4	23.0
Reading, PA	Berks, PA	cold	2	Delaware, NY	6.9	6.0	21.1	9.7
Reading, PA	Berks, PA	cold	2	Delaware, PA	8.2	11.7	310.4	192.0
Reading, PA	Berks, PA	cold	2	District of Columbia, DC	6.2	3.4	126.2	38.6
Reading, PA	Berks, PA	cold	2	Dorchester, MD	2.1	3.2	18.5	21.2
Reading, PA	Berks, PA	cold	2	Essex, NJ	6.0	2.4	209.6	43.8
Reading, PA	Berks, PA	cold	2	Fairfax, VA	11.6	10.7	300.2	33.9
Reading, PA	Berks, PA	cold	2	Franklin, PA	3.6	6.2	51.6	8.0
Reading, PA	Berks, PA	cold	2	Frederick, MD	9.9	12.6	106.7	87.5
Reading, PA	Berks, PA	cold	2	Fulton, PA	1.0	1.4	17.0	2.4
Reading, PA	Berks, PA	cold	2	Gloucester, NJ	6.4	7.2	119.9	67.1
Reading, PA	Berks, PA	cold	2	Harford, MD	8.3	8.1	69.0	21.8
Reading, PA	Berks, PA	cold	2	Howard, MD	5.6	4.3	93.3	22.7
Reading, PA	Berks, PA	cold	2	Hunterdon, NJ	4.3	2.9	36.6	5.2
Reading, PA	Berks, PA	cold	2	Huntingdon, PA	2.4	2.8	23.8	7.5
Reading, PA	Berks, PA	cold	2	Juniata, PA	1.2	1.5	17.0	2.4
Reading, PA	Berks, PA	cold	2	Kent, DE	4.1	4.8	85.7	42.2
Reading, PA	Berks, PA	cold	2	Kent, MD	1.5	2.6	9.5	4.4
Reading, PA	Berks, PA	cold	2	Lackawanna, PA	3.2	4.3	62.8	12.0
Reading, PA	Berks, PA	cold	2	Lancaster, PA	10.9	18.6	154.7	37.9
Reading, PA	Berks, PA	cold	2	Lebanon, PA	3.2	4.6	55.4	16.8
Reading, PA	Berks, PA	cold	2	Lehigh, PA	4.7	6.9	108.5	35.4
Reading, PA	Berks, PA	cold	2	Loudoun, VA	4.6	4.6	79.0	9.7
Reading, PA	Berks, PA	cold	2	Luzerne, PA	7.4	7.6	98.0	67.5
Reading, PA	Berks, PA	cold	2	Lycoming, PA	2.9	3.3	40.5	10.3
Reading, PA	Berks, PA	cold	2	McKean, PA	2.0	3.4	30.7	37.0
Reading, PA	Berks, PA	cold	2	Mercer, NJ	5.5	8.9	166.4	168.8
Reading, PA	Berks, PA	cold	2	Middlesex, NJ	9.0	4.6	275.2	29.5
Reading, PA	Berks, PA	cold	2	Mifflin, PA	2.3	2.7	25.4	4.6
Reading, PA	Berks, PA	cold	2	Monmouth, NJ	9.3	4.5	158.2	16.9
Reading, PA	Berks, PA	cold	2	Monroe, PA	5.6	5.0	49.5	9.6
Reading, PA	Berks, PA	cold	2	Montgomery, MD	19.8	41.8	252.5	394.3
Reading, PA	Berks, PA	cold	2	Montgomery, PA	10.6	12.8	219.9	51.0
Reading, PA	Berks, PA	cold	2	Montour, PA	4.0	60.1	132.1	1205.2
Reading, PA	Berks, PA	cold	2	Morris, NJ	9.0	4.9	129.9	11.1
Reading, PA	Berks, PA	cold	2	New Castle, DE	8.4	11.3	266.9	480.7
Reading, PA	Berks, PA	cold	2	Northampton, PA	6.3	35.3	232.3	569.8
Reading, PA	Berks, PA	cold	2	Northumberland, PA	2.9	3.8	32.5	14.2
Reading, PA	Berks, PA	cold	2	Ocean, NJ	9.4	4.9	90.4	10.0
Reading, PA	Berks, PA	cold	2	Orange, NY	8.8	14.4	175.8	311.1
Reading, PA	Berks, PA	cold	2	Passaic, NJ	4.4	2.6	82.7	6.9
Reading, PA	Berks, PA	cold	2	Perry, PA	2.2	2.3	23.7	4.2
Reading, PA	Berks, PA	cold	2	Philadelphia, PA	11.8	9.1	365.4	106.5
Reading, PA	Berks, PA	cold	2	Pike, PA	3.9	3.5	22.2	2.5
Reading, PA	Berks, PA	cold	2	Potter, PA	1.2	1.3	18.4	1.7
Reading, PA	Berks, PA	cold	2	Prince George's, MD	14.4	42.1	329.8	603.6
Reading, PA	Berks, PA	cold	2	Queen Anne's, MD	2.5	3.7	19.6	4.5
Reading, PA	Berks, PA	cold	2	Salem, NJ	3.0	7.2	68.3	56.1
Reading, PA	Berks, PA	cold	2	Schuylkill, PA	5.2	6.0	58.7	68.3
Reading, PA	Berks, PA	cold	2	Snyder, PA	2.0	8.2	41.8	266.0
Reading, PA	Berks, PA	cold	2	Somerset, NJ	4.3	3.2	74.4	5.4
Reading, PA	Berks, PA	cold	2	Steuben, NY	9.1	9.2	51.1	13.4
Reading, PA	Berks, PA	cold	2	Sullivan, NY	5.3	4.9	20.8	8.7
Reading, PA	Berks, PA	cold	2	Sullivan, PA	0.9	1.0	2.9	0.6
Reading, PA	Berks, PA	cold	2	Susquehanna, PA	2.5	2.5	19.5	3.1
Reading, PA	Berks, PA	cold	2	Sussex, DE	7.3	19.7	167.8	257.1
Reading, PA	Berks, PA	cold	2	Sussex, NJ	7.0	4.8	25.7	6.3
Reading, PA	Berks, PA	cold	2	Talbot, MD	2.6	3.0	24.8	7.5
Reading, PA	Berks, PA	cold	2	Tioga, NY	4.4	4.5	20.0	8.1
Reading, PA	Berks, PA	cold	2	Tioga, PA	2.3	3.0	19.0	3.0
Reading, PA	Berks, PA	cold	2	Union, NJ	5.7	3.4	189.1	35.9
Reading, PA	Berks, PA	cold	2	Union, PA	1.4	1.8	18.8	3.4
Reading, PA	Berks, PA	cold	2	Warren, NJ	5.5	4.5	48.0	5.3
Reading, PA	Berks, PA	cold	2	Washington, MD	5.8	7.4	95.1	61.5
Reading, PA	Berks, PA	cold	2	Wayne, PA	3.2	3.0	14.5	4.5
Reading, PA	Berks, PA	cold	2	Wicomico, MD	3.1	3.7	26.3	17.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Reading, PA	Berks, PA	cold	2	Worcester, MD	4.7	4.8	23.2	5.8
Reading, PA	Berks, PA	cold	2	Wyoming, PA	2.0	2.2	16.0	3.2
Reading, PA	Berks, PA	cold	2	York, PA	11.5	53.2	303.9	1119.1
Reading, PA	Berks, PA	warm	2	Adams, PA	5.8	8.9	36.9	7.6
Reading, PA	Berks, PA	warm	2	Allegany, NY	8.3	7.5	25.6	7.0
Reading, PA	Berks, PA	warm	2	Anne Arundel, MD	17.1	41.1	438.9	922.5
Reading, PA	Berks, PA	warm	2	Arlington, VA	4.6	4.0	85.5	13.8
Reading, PA	Berks, PA	warm	2	Atlantic, NJ	13.7	7.9	95.6	9.8
Reading, PA	Berks, PA	warm	2	Baltimore (City), MD	10.2	16.2	249.2	149.1
Reading, PA	Berks, PA	warm	2	Baltimore, MD	24.7	51.4	450.6	583.3
Reading, PA	Berks, PA	warm	2	Bedford, PA	3.8	3.9	59.3	10.2
Reading, PA	Berks, PA	warm	2	Berks, PA	12.1	28.7	236.4	246.7
Reading, PA	Berks, PA	warm	2	Blair, PA	4.1	5.5	65.6	31.0
Reading, PA	Berks, PA	warm	2	Bradford, PA	4.5	4.9	30.5	9.7
Reading, PA	Berks, PA	warm	2	Broome, NY	9.8	14.9	113.1	182.5
Reading, PA	Berks, PA	warm	2	Bucks, PA	11.5	13.9	219.5	51.6
Reading, PA	Berks, PA	warm	2	Burlington, NJ	14.9	9.6	203.5	44.0
Reading, PA	Berks, PA	warm	2	Calvert, MD	4.4	3.9	24.4	5.6
Reading, PA	Berks, PA	warm	2	Camden, NJ	7.8	4.4	181.1	24.0
Reading, PA	Berks, PA	warm	2	Cameron, PA	0.5	0.9	3.8	1.0
Reading, PA	Berks, PA	warm	2	Cape May, NJ	7.8	12.3	102.1	142.5
Reading, PA	Berks, PA	warm	2	Carbon, PA	4.1	4.1	38.1	18.7
Reading, PA	Berks, PA	warm	2	Caroline, MD	1.6	2.8	14.5	7.4
Reading, PA	Berks, PA	warm	2	Carroll, MD	8.5	10.7	83.8	19.3
Reading, PA	Berks, PA	warm	2	Cecil, MD	5.8	5.3	51.8	17.0
Reading, PA	Berks, PA	warm	2	Centre, PA	6.1	8.6	86.9	74.6
Reading, PA	Berks, PA	warm	2	Chemung, NY	5.2	6.5	44.7	20.7
Reading, PA	Berks, PA	warm	2	Chester, PA	10.4	16.1	215.8	104.4
Reading, PA	Berks, PA	warm	2	Clearfield, PA	6.6	31.5	147.4	634.0
Reading, PA	Berks, PA	warm	2	Clinton, PA	2.7	2.3	37.7	7.3
Reading, PA	Berks, PA	warm	2	Columbia, PA	2.6	4.2	34.6	10.4
Reading, PA	Berks, PA	warm	2	Cumberland, NJ	5.7	5.3	85.3	41.8
Reading, PA	Berks, PA	warm	2	Cumberland, PA	9.1	11.3	188.9	25.8
Reading, PA	Berks, PA	warm	2	Dauphin, PA	6.9	6.7	164.0	31.9
Reading, PA	Berks, PA	warm	2	Delaware, NY	9.5	8.3	29.3	13.5
Reading, PA	Berks, PA	warm	2	Delaware, PA	11.3	16.2	430.1	266.1
Reading, PA	Berks, PA	warm	2	District of Columbia, DC	8.6	4.7	174.8	53.5
Reading, PA	Berks, PA	warm	2	Dorchester, MD	2.9	4.4	25.6	29.4
Reading, PA	Berks, PA	warm	2	Essex, NJ	8.3	3.4	290.5	60.7
Reading, PA	Berks, PA	warm	2	Fairfax, VA	16.1	14.8	415.9	47.0
Reading, PA	Berks, PA	warm	2	Franklin, PA	5.0	8.6	71.5	11.1
Reading, PA	Berks, PA	warm	2	Frederick, MD	13.7	17.5	147.9	121.2
Reading, PA	Berks, PA	warm	2	Fulton, PA	1.4	1.9	23.5	3.4
Reading, PA	Berks, PA	warm	2	Gloucester, NJ	8.9	10.0	166.2	93.0
Reading, PA	Berks, PA	warm	2	Harford, MD	11.5	11.2	95.5	30.2
Reading, PA	Berks, PA	warm	2	Howard, MD	7.8	5.9	129.3	31.4
Reading, PA	Berks, PA	warm	2	Hunterdon, NJ	5.9	4.0	50.7	7.3
Reading, PA	Berks, PA	warm	2	Huntingdon, PA	3.4	3.9	33.0	10.3
Reading, PA	Berks, PA	warm	2	Juniata, PA	1.6	2.1	23.6	3.3
Reading, PA	Berks, PA	warm	2	Kent, DE	5.7	6.6	118.8	58.5
Reading, PA	Berks, PA	warm	2	Kent, MD	2.1	3.6	13.1	6.2
Reading, PA	Berks, PA	warm	2	Lackawanna, PA	4.4	5.9	87.1	16.7
Reading, PA	Berks, PA	warm	2	Lancaster, PA	15.1	25.7	214.3	52.5
Reading, PA	Berks, PA	warm	2	Lebanon, PA	4.4	6.4	76.8	23.2
Reading, PA	Berks, PA	warm	2	Lehigh, PA	6.6	9.5	150.4	49.0
Reading, PA	Berks, PA	warm	2	Loudoun, VA	6.3	6.3	109.4	13.4
Reading, PA	Berks, PA	warm	2	Luzerne, PA	10.2	10.6	135.8	93.5
Reading, PA	Berks, PA	warm	2	Lycoming, PA	4.0	4.6	56.1	14.2
Reading, PA	Berks, PA	warm	2	McKean, PA	2.8	4.7	42.5	51.3
Reading, PA	Berks, PA	warm	2	Mercer, NJ	7.6	12.3	230.6	233.9
Reading, PA	Berks, PA	warm	2	Middlesex, NJ	12.4	6.4	381.3	40.9
Reading, PA	Berks, PA	warm	2	Mifflin, PA	3.2	3.8	35.2	6.4
Reading, PA	Berks, PA	warm	2	Monmouth, NJ	12.9	6.2	219.2	23.4
Reading, PA	Berks, PA	warm	2	Monroe, PA	7.7	7.0	68.6	13.4
Reading, PA	Berks, PA	warm	2	Montgomery, MD	27.4	57.9	349.8	546.4
Reading, PA	Berks, PA	warm	2	Montgomery, PA	14.6	17.8	304.7	70.7
Reading, PA	Berks, PA	warm	2	Montour, PA	5.5	83.3	183.1	1669.9
Reading, PA	Berks, PA	warm	2	Morris, NJ	12.5	6.8	180.1	15.4
Reading, PA	Berks, PA	warm	2	New Castle, DE	11.6	15.7	369.8	666.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Reading, PA	Berks, PA	warm	2	Northampton, PA	8.7	48.9	321.8	789.5
Reading, PA	Berks, PA	warm	2	Northumberland, PA	4.0	5.2	45.0	19.7
Reading, PA	Berks, PA	warm	2	Ocean, NJ	13.0	6.9	125.2	13.9
Reading, PA	Berks, PA	warm	2	Orange, NY	12.2	19.9	243.5	431.0
Reading, PA	Berks, PA	warm	2	Passaic, NJ	6.2	3.5	114.6	9.6
Reading, PA	Berks, PA	warm	2	Perry, PA	3.0	3.2	32.9	5.8
Reading, PA	Berks, PA	warm	2	Philadelphia, PA	16.3	12.6	506.3	147.6
Reading, PA	Berks, PA	warm	2	Pike, PA	5.5	4.9	30.8	3.5
Reading, PA	Berks, PA	warm	2	Potter, PA	1.7	1.9	25.5	2.4
Reading, PA	Berks, PA	warm	2	Prince George's, MD	20.0	58.4	457.0	836.4
Reading, PA	Berks, PA	warm	2	Queen Anne's, MD	3.4	5.1	27.1	6.3
Reading, PA	Berks, PA	warm	2	Salem, NJ	4.1	9.9	94.6	77.7
Reading, PA	Berks, PA	warm	2	Schuylkill, PA	7.2	8.3	81.3	94.6
Reading, PA	Berks, PA	warm	2	Snyder, PA	2.7	11.4	58.0	368.6
Reading, PA	Berks, PA	warm	2	Somerset, NJ	5.9	4.4	103.1	7.5
Reading, PA	Berks, PA	warm	2	Steuben, NY	12.6	12.8	70.8	18.6
Reading, PA	Berks, PA	warm	2	Sullivan, NY	7.3	6.8	28.8	12.1
Reading, PA	Berks, PA	warm	2	Sullivan, PA	1.2	1.4	4.0	0.8
Reading, PA	Berks, PA	warm	2	Susquehanna, PA	3.4	3.5	27.0	4.3
Reading, PA	Berks, PA	warm	2	Sussex, DE	10.2	27.3	232.6	356.2
Reading, PA	Berks, PA	warm	2	Sussex, NJ	9.7	6.7	35.6	8.7
Reading, PA	Berks, PA	warm	2	Talbot, MD	3.5	4.2	34.4	10.4
Reading, PA	Berks, PA	warm	2	Tioga, NY	6.1	6.2	27.8	11.3
Reading, PA	Berks, PA	warm	2	Tioga, PA	3.2	4.1	26.3	4.2
Reading, PA	Berks, PA	warm	2	Union, NJ	7.9	4.8	262.0	49.8
Reading, PA	Berks, PA	warm	2	Union, PA	1.9	2.5	26.0	4.7
Reading, PA	Berks, PA	warm	2	Warren, NJ	7.7	6.3	66.5	7.4
Reading, PA	Berks, PA	warm	2	Washington, MD	8.0	10.2	131.8	85.2
Reading, PA	Berks, PA	warm	2	Wayne, PA	4.5	4.2	20.0	6.3
Reading, PA	Berks, PA	warm	2	Wicomico, MD	4.2	5.1	36.5	24.9
Reading, PA	Berks, PA	warm	2	Worcester, MD	6.5	6.6	32.1	8.0
Reading, PA	Berks, PA	warm	2	Wyoming, PA	2.7	3.0	22.1	4.4
Reading, PA	Berks, PA	warm	2	York, PA	15.9	73.7	421.1	1550.6
Sacramento, CA	Placer, CA	cold	3	Ada, ID	33.9	43.1	278.1	18.6
Sacramento, CA	Placer, CA	cold	3	Alameda, CA	32.6	30.1	618.2	98.1
Sacramento, CA	Placer, CA	cold	3	Alpine, CA	1.2	0.5	1.8	0.2
Sacramento, CA	Placer, CA	cold	3	Amador, CA	10.8	8.2	36.9	1.2
Sacramento, CA	Placer, CA	cold	3	Baker, OR	60.4	32.4	67.8	9.4
Sacramento, CA	Placer, CA	cold	3	Box Elder, UT	6.2	11.0	73.7	4.9
Sacramento, CA	Placer, CA	cold	3	Butte, CA	21.4	19.9	120.1	29.9
Sacramento, CA	Placer, CA	cold	3	Calaveras, CA	7.8	5.4	27.7	0.6
Sacramento, CA	Placer, CA	cold	3	Canyon, ID	14.7	39.2	117.6	33.9
Sacramento, CA	Placer, CA	cold	3	Carson, NV	4.5	4.3	17.9	18.4
Sacramento, CA	Placer, CA	cold	3	Cassia, ID	3.9	8.9	30.9	1.8
Sacramento, CA	Placer, CA	cold	3	Churchill, NV	2.8	7.9	28.2	3.7
Sacramento, CA	Placer, CA	cold	3	Clark, NV	219.0	165.6	1021.8	761.4
Sacramento, CA	Placer, CA	cold	3	Colusa, CA	12.2	14.1	52.3	15.0
Sacramento, CA	Placer, CA	cold	3	Contra Costa, CA	28.3	24.6	623.5	256.3
Sacramento, CA	Placer, CA	cold	3	Crook, OR	5.9	6.1	12.2	1.4
Sacramento, CA	Placer, CA	cold	3	Del Norte, CA	4.7	2.7	18.1	1.7
Sacramento, CA	Placer, CA	cold	3	Deschutes, OR	26.5	27.9	80.9	7.4
Sacramento, CA	Placer, CA	cold	3	Douglas, NV	4.8	10.3	31.1	10.3
Sacramento, CA	Placer, CA	cold	3	Douglas, OR	37.8	26.1	97.6	9.1
Sacramento, CA	Placer, CA	cold	3	El Dorado, CA	23.6	15.3	68.4	7.3
Sacramento, CA	Placer, CA	cold	3	Elko, NV	28.3	21.9	91.3	10.9
Sacramento, CA	Placer, CA	cold	3	Elmore, ID	15.8	13.3	44.7	3.4
Sacramento, CA	Placer, CA	cold	3	Esmeralda, NV	0.1	2.6	1.5	0.8
Sacramento, CA	Placer, CA	cold	3	Eureka, NV	1.4	4.5	20.0	5.4
Sacramento, CA	Placer, CA	cold	3	Fresno, CA	64.0	52.9	515.3	80.6
Sacramento, CA	Placer, CA	cold	3	Glenn, CA	11.8	13.9	54.9	19.1
Sacramento, CA	Placer, CA	cold	3	Grant, OR	3.9	3.6	10.0	0.8
Sacramento, CA	Placer, CA	cold	3	Harney, OR	8.7	5.9	13.9	2.0
Sacramento, CA	Placer, CA	cold	3	Humboldt, CA	20.1	12.5	132.1	5.1
Sacramento, CA	Placer, CA	cold	3	Humboldt, NV	5.4	11.1	169.9	141.2
Sacramento, CA	Placer, CA	cold	3	Inyo, CA	5.5	13.3	17.1	3.6
Sacramento, CA	Placer, CA	cold	3	Jackson, OR	44.2	29.0	114.8	19.4
Sacramento, CA	Placer, CA	cold	3	Jefferson, OR	7.1	7.6	18.4	1.6
Sacramento, CA	Placer, CA	cold	3	Josephine, OR	19.8	13.0	37.1	4.1
Sacramento, CA	Placer, CA	cold	3	Kern, CA	45.1	42.7	865.9	48.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Sacramento, CA	Placer, CA	cold	3	Kings, CA	6.5	11.1	95.8	8.5
Sacramento, CA	Placer, CA	cold	3	Klamath, OR	31.2	21.3	104.4	8.1
Sacramento, CA	Placer, CA	cold	3	Lake, CA	10.2	7.3	41.4	2.9
Sacramento, CA	Placer, CA	cold	3	Lake, OR	4.2	3.7	15.3	1.3
Sacramento, CA	Placer, CA	cold	3	Lander, NV	1.0	3.6	13.4	1.3
Sacramento, CA	Placer, CA	cold	3	Lane, OR	44.5	30.3	175.0	19.0
Sacramento, CA	Placer, CA	cold	3	Lassen, CA	11.3	10.2	37.8	2.3
Sacramento, CA	Placer, CA	cold	3	Lincoln, NV	106.6	57.8	35.9	13.2
Sacramento, CA	Placer, CA	cold	3	Linn, OR	20.9	21.3	93.7	16.3
Sacramento, CA	Placer, CA	cold	3	Lyon, NV	3.3	10.8	103.1	9.3
Sacramento, CA	Placer, CA	cold	3	Madera, CA	15.2	13.1	152.4	10.9
Sacramento, CA	Placer, CA	cold	3	Malheur, OR	11.5	18.6	43.0	14.4
Sacramento, CA	Placer, CA	cold	3	Marin, CA	6.6	4.9	92.2	13.8
Sacramento, CA	Placer, CA	cold	3	Mariposa, CA	6.7	4.4	12.8	0.6
Sacramento, CA	Placer, CA	cold	3	Mendocino, CA	13.4	7.9	72.5	5.2
Sacramento, CA	Placer, CA	cold	3	Merced, CA	11.6	15.1	190.0	14.1
Sacramento, CA	Placer, CA	cold	3	Mineral, NV	0.4	6.0	2.8	0.3
Sacramento, CA	Placer, CA	cold	3	Modoc, CA	4.2	4.5	23.6	0.9
Sacramento, CA	Placer, CA	cold	3	Mono, CA	4.2	7.9	10.9	0.4
Sacramento, CA	Placer, CA	cold	3	Monterey, CA	17.8	17.0	265.3	78.4
Sacramento, CA	Placer, CA	cold	3	Morrow, OR	4.7	13.4	147.5	171.7
Sacramento, CA	Placer, CA	cold	3	Napa, CA	4.7	3.7	60.2	16.0
Sacramento, CA	Placer, CA	cold	3	Nevada, CA	18.1	12.8	48.9	3.7
Sacramento, CA	Placer, CA	cold	3	Nye, NV	19.0	12.6	21.0	7.0
Sacramento, CA	Placer, CA	cold	3	Owyhee, ID	27.5	19.7	17.4	6.9
Sacramento, CA	Placer, CA	cold	3	Payette, ID	2.9	8.5	22.0	1.3
Sacramento, CA	Placer, CA	cold	3	Pershing, NV	1.0	4.0	26.3	1.6
Sacramento, CA	Placer, CA	cold	3	Placer, CA	18.8	13.3	164.1	12.9
Sacramento, CA	Placer, CA	cold	3	Plumas, CA	21.8	12.2	48.6	4.9
Sacramento, CA	Placer, CA	cold	3	Sacramento, CA	31.9	27.0	469.6	46.8
Sacramento, CA	Placer, CA	cold	3	San Benito, CA	2.4	5.1	35.3	8.9
Sacramento, CA	Placer, CA	cold	3	San Bernardino, CA	71.5	92.1	1366.7	53.7
Sacramento, CA	Placer, CA	cold	3	San Francisco, CA	19.6	12.6	321.4	28.0
Sacramento, CA	Placer, CA	cold	3	San Joaquin, CA	22.3	21.3	419.8	43.7
Sacramento, CA	Placer, CA	cold	3	San Mateo, CA	15.6	14.6	295.6	36.6
Sacramento, CA	Placer, CA	cold	3	Santa Clara, CA	33.6	38.6	632.7	99.2
Sacramento, CA	Placer, CA	cold	3	Santa Cruz, CA	10.1	11.0	110.4	27.5
Sacramento, CA	Placer, CA	cold	3	Shasta, CA	43.7	27.2	153.5	6.4
Sacramento, CA	Placer, CA	cold	3	Sierra, CA	7.4	4.0	8.5	1.7
Sacramento, CA	Placer, CA	cold	3	Siskiyou, CA	28.8	16.7	63.2	4.9
Sacramento, CA	Placer, CA	cold	3	Solano, CA	11.8	11.8	212.4	117.9
Sacramento, CA	Placer, CA	cold	3	Sonoma, CA	17.3	12.7	213.2	40.3
Sacramento, CA	Placer, CA	cold	3	Stanislaus, CA	15.1	16.1	268.9	30.1
Sacramento, CA	Placer, CA	cold	3	Storey, NV	1.0	4.1	29.4	2.2
Sacramento, CA	Placer, CA	cold	3	Sutter, CA	11.3	13.6	83.2	2.7
Sacramento, CA	Placer, CA	cold	3	Tehama, CA	11.6	8.5	55.7	29.5
Sacramento, CA	Placer, CA	cold	3	Tooele, UT	10.3	14.0	76.2	7.4
Sacramento, CA	Placer, CA	cold	3	Trinity, CA	7.4	4.1	10.6	0.7
Sacramento, CA	Placer, CA	cold	3	Tulare, CA	25.9	25.2	253.0	20.9
Sacramento, CA	Placer, CA	cold	3	Tuolumne, CA	13.6	9.6	49.6	3.8
Sacramento, CA	Placer, CA	cold	3	Twin Falls, ID	10.2	23.7	75.1	18.0
Sacramento, CA	Placer, CA	cold	3	Umatilla, OR	29.4	27.4	104.2	9.6
Sacramento, CA	Placer, CA	cold	3	Union, OR	18.1	11.8	49.8	5.2
Sacramento, CA	Placer, CA	cold	3	Washington, ID	6.4	5.4	16.0	1.6
Sacramento, CA	Placer, CA	cold	3	Washoe, NV	15.2	22.2	187.8	58.2
Sacramento, CA	Placer, CA	cold	3	Wheeler, OR	1.8	1.8	2.2	0.3
Sacramento, CA	Placer, CA	cold	3	White Pine, NV	1.2	3.8	6.7	0.5
Sacramento, CA	Placer, CA	cold	3	Yolo, CA	11.6	16.1	157.1	8.3
Sacramento, CA	Placer, CA	cold	3	Yuba, CA	5.3	4.2	47.3	1.6
Sacramento, CA	Placer, CA	warm	1	Ada, ID	15.6	19.9	128.4	8.6
Sacramento, CA	Placer, CA	warm	1	Alameda, CA	15.0	13.9	285.5	45.3
Sacramento, CA	Placer, CA	warm	1	Alpine, CA	0.6	0.3	0.8	0.1
Sacramento, CA	Placer, CA	warm	1	Amador, CA	5.0	3.8	17.1	0.5
Sacramento, CA	Placer, CA	warm	1	Baker, OR	27.9	14.9	31.3	4.3
Sacramento, CA	Placer, CA	warm	1	Box Elder, UT	2.8	5.1	34.1	2.3
Sacramento, CA	Placer, CA	warm	1	Butte, CA	9.9	9.2	55.5	13.8
Sacramento, CA	Placer, CA	warm	1	Calaveras, CA	3.6	2.5	12.8	0.3
Sacramento, CA	Placer, CA	warm	1	Canyon, ID	6.8	18.1	54.3	15.6
Sacramento, CA	Placer, CA	warm	1	Carson, NV	2.1	2.0	8.3	8.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Sacramento, CA	Placer, CA	warm	1	Cassia, ID	1.8	4.1	14.3	0.8
Sacramento, CA	Placer, CA	warm	1	Churchill, NV	1.3	3.6	13.0	1.7
Sacramento, CA	Placer, CA	warm	1	Clark, NV	101.2	76.5	471.9	351.7
Sacramento, CA	Placer, CA	warm	1	Colusa, CA	5.7	6.5	24.1	6.9
Sacramento, CA	Placer, CA	warm	1	Contra Costa, CA	13.1	11.3	288.0	118.4
Sacramento, CA	Placer, CA	warm	1	Crook, OR	2.7	2.8	5.6	0.6
Sacramento, CA	Placer, CA	warm	1	Del Norte, CA	2.2	1.2	8.4	0.8
Sacramento, CA	Placer, CA	warm	1	Deschutes, OR	12.3	12.9	37.4	3.4
Sacramento, CA	Placer, CA	warm	1	Douglas, NV	2.2	4.8	14.4	4.8
Sacramento, CA	Placer, CA	warm	1	Douglas, OR	17.5	12.0	45.1	4.2
Sacramento, CA	Placer, CA	warm	1	El Dorado, CA	10.9	7.1	31.6	3.4
Sacramento, CA	Placer, CA	warm	1	Elko, NV	13.1	10.1	42.2	5.0
Sacramento, CA	Placer, CA	warm	1	Elmore, ID	7.3	6.1	20.6	1.6
Sacramento, CA	Placer, CA	warm	1	Esmeralda, NV	0.1	1.2	0.7	0.4
Sacramento, CA	Placer, CA	warm	1	Eureka, NV	0.6	2.1	9.2	2.5
Sacramento, CA	Placer, CA	warm	1	Fresno, CA	29.6	24.4	238.0	37.2
Sacramento, CA	Placer, CA	warm	1	Glenn, CA	5.4	6.4	25.4	8.8
Sacramento, CA	Placer, CA	warm	1	Grant, OR	1.8	1.7	4.6	0.4
Sacramento, CA	Placer, CA	warm	1	Harney, OR	4.0	2.7	6.4	0.9
Sacramento, CA	Placer, CA	warm	1	Humboldt, CA	9.3	5.8	61.0	2.3
Sacramento, CA	Placer, CA	warm	1	Humboldt, NV	2.5	5.1	78.5	65.2
Sacramento, CA	Placer, CA	warm	1	Inyo, CA	2.5	6.2	7.9	1.6
Sacramento, CA	Placer, CA	warm	1	Jackson, OR	20.4	13.4	53.0	8.9
Sacramento, CA	Placer, CA	warm	1	Jefferson, OR	3.3	3.5	8.5	0.8
Sacramento, CA	Placer, CA	warm	1	Josephine, OR	9.1	6.0	17.1	1.9
Sacramento, CA	Placer, CA	warm	1	Kern, CA	20.8	19.7	399.9	22.4
Sacramento, CA	Placer, CA	warm	1	Kings, CA	3.0	5.1	44.3	3.9
Sacramento, CA	Placer, CA	warm	1	Klamath, OR	14.4	9.8	48.2	3.8
Sacramento, CA	Placer, CA	warm	1	Lake, CA	4.7	3.4	19.1	1.4
Sacramento, CA	Placer, CA	warm	1	Lake, OR	2.0	1.7	7.1	0.6
Sacramento, CA	Placer, CA	warm	1	Lander, NV	0.5	1.7	6.2	0.6
Sacramento, CA	Placer, CA	warm	1	Lane, OR	20.5	14.0	80.8	8.8
Sacramento, CA	Placer, CA	warm	1	Lassen, CA	5.2	4.7	17.5	1.1
Sacramento, CA	Placer, CA	warm	1	Lincoln, NV	49.3	26.7	16.6	6.1
Sacramento, CA	Placer, CA	warm	1	Linn, OR	9.7	9.8	43.3	7.5
Sacramento, CA	Placer, CA	warm	1	Lyon, NV	1.5	5.0	47.6	4.3
Sacramento, CA	Placer, CA	warm	1	Madera, CA	7.0	6.0	70.4	5.0
Sacramento, CA	Placer, CA	warm	1	Malheur, OR	5.3	8.6	19.8	6.6
Sacramento, CA	Placer, CA	warm	1	Marin, CA	3.1	2.3	42.6	6.4
Sacramento, CA	Placer, CA	warm	1	Mariposa, CA	3.1	2.0	5.9	0.3
Sacramento, CA	Placer, CA	warm	1	Mendocino, CA	6.2	3.7	33.5	2.4
Sacramento, CA	Placer, CA	warm	1	Merced, CA	5.4	7.0	87.8	6.5
Sacramento, CA	Placer, CA	warm	1	Mineral, NV	0.2	2.8	1.3	0.2
Sacramento, CA	Placer, CA	warm	1	Modoc, CA	1.9	2.1	10.9	0.4
Sacramento, CA	Placer, CA	warm	1	Mono, CA	1.9	3.7	5.0	0.2
Sacramento, CA	Placer, CA	warm	1	Monterey, CA	8.2	7.8	122.5	36.2
Sacramento, CA	Placer, CA	warm	1	Morrow, OR	2.2	6.2	68.1	79.3
Sacramento, CA	Placer, CA	warm	1	Napa, CA	2.2	1.7	27.8	7.4
Sacramento, CA	Placer, CA	warm	1	Nevada, CA	8.4	5.9	22.6	1.7
Sacramento, CA	Placer, CA	warm	1	Nye, NV	8.8	5.8	9.7	3.2
Sacramento, CA	Placer, CA	warm	1	Owyhee, ID	12.7	9.1	8.0	3.2
Sacramento, CA	Placer, CA	warm	1	Payette, ID	1.3	3.9	10.2	0.6
Sacramento, CA	Placer, CA	warm	1	Pershing, NV	0.5	1.9	12.2	0.7
Sacramento, CA	Placer, CA	warm	1	Placer, CA	8.7	6.1	75.8	6.0
Sacramento, CA	Placer, CA	warm	1	Plumas, CA	10.1	5.6	22.4	2.3
Sacramento, CA	Placer, CA	warm	1	Sacramento, CA	14.7	12.4	216.9	21.6
Sacramento, CA	Placer, CA	warm	1	San Benito, CA	1.1	2.4	16.3	4.1
Sacramento, CA	Placer, CA	warm	1	San Bernardino, CA	33.0	42.5	631.2	24.8
Sacramento, CA	Placer, CA	warm	1	San Francisco, CA	9.1	5.8	148.4	12.9
Sacramento, CA	Placer, CA	warm	1	San Joaquin, CA	10.3	9.9	193.9	20.2
Sacramento, CA	Placer, CA	warm	1	San Mateo, CA	7.2	6.7	136.5	16.9
Sacramento, CA	Placer, CA	warm	1	Santa Clara, CA	15.5	17.8	292.2	45.8
Sacramento, CA	Placer, CA	warm	1	Santa Cruz, CA	4.7	5.1	51.0	12.7
Sacramento, CA	Placer, CA	warm	1	Shasta, CA	20.2	12.5	70.9	3.0
Sacramento, CA	Placer, CA	warm	1	Sierra, CA	3.4	1.9	3.9	0.8
Sacramento, CA	Placer, CA	warm	1	Siskiyou, CA	13.3	7.7	29.2	2.3
Sacramento, CA	Placer, CA	warm	1	Solano, CA	5.5	5.5	98.1	54.5
Sacramento, CA	Placer, CA	warm	1	Sonoma, CA	8.0	5.8	98.5	18.6
Sacramento, CA	Placer, CA	warm	1	Stanislaus, CA	7.0	7.4	124.2	13.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Sacramento, CA	Placer, CA	warm	1	Storey, NV	0.5	1.9	13.6	1.0
Sacramento, CA	Placer, CA	warm	1	Sutter, CA	5.2	6.3	38.4	1.2
Sacramento, CA	Placer, CA	warm	1	Tehama, CA	5.4	3.9	25.7	13.6
Sacramento, CA	Placer, CA	warm	1	Tooele, UT	4.7	6.5	35.2	3.4
Sacramento, CA	Placer, CA	warm	1	Trinity, CA	3.4	1.9	4.9	0.3
Sacramento, CA	Placer, CA	warm	1	Tulare, CA	12.0	11.6	116.9	9.6
Sacramento, CA	Placer, CA	warm	1	Tuolumne, CA	6.3	4.4	22.9	1.7
Sacramento, CA	Placer, CA	warm	1	Twin Falls, ID	4.7	11.0	34.7	8.3
Sacramento, CA	Placer, CA	warm	1	Umatilla, OR	13.6	12.6	48.1	4.4
Sacramento, CA	Placer, CA	warm	1	Union, OR	8.4	5.5	23.0	2.4
Sacramento, CA	Placer, CA	warm	1	Washington, ID	3.0	2.5	7.4	0.8
Sacramento, CA	Placer, CA	warm	1	Washoe, NV	7.0	10.3	86.8	26.9
Sacramento, CA	Placer, CA	warm	1	Wheeler, OR	0.8	0.8	1.0	0.1
Sacramento, CA	Placer, CA	warm	1	White Pine, NV	0.5	1.7	3.1	0.2
Sacramento, CA	Placer, CA	warm	1	Yolo, CA	5.4	7.5	72.6	3.8
Sacramento, CA	Placer, CA	warm	1	Yuba, CA	2.4	1.9	21.8	0.7
Sacramento, CA	Sacramento, CA	cold	33	Ada, ID	192.0	244.5	1575.7	105.6
Sacramento, CA	Sacramento, CA	cold	33	Alameda, CA	184.6	170.6	3503.0	555.8
Sacramento, CA	Sacramento, CA	cold	33	Alpine, CA	6.8	3.1	10.4	1.4
Sacramento, CA	Sacramento, CA	cold	33	Amador, CA	61.0	46.3	209.3	6.6
Sacramento, CA	Sacramento, CA	cold	33	Baker, OR	342.2	183.4	384.3	53.2
Sacramento, CA	Sacramento, CA	cold	33	Box Elder, UT	34.9	62.3	417.8	27.7
Sacramento, CA	Sacramento, CA	cold	33	Butte, CA	121.3	112.5	680.4	169.6
Sacramento, CA	Sacramento, CA	cold	33	Calaveras, CA	44.1	30.6	157.1	3.4
Sacramento, CA	Sacramento, CA	cold	33	Canyon, ID	83.5	221.9	666.1	192.0
Sacramento, CA	Sacramento, CA	cold	33	Carson, NV	25.5	24.3	101.4	104.5
Sacramento, CA	Sacramento, CA	cold	33	Cassia, ID	22.3	50.5	174.9	10.0
Sacramento, CA	Sacramento, CA	cold	33	Churchill, NV	15.8	44.7	159.9	21.1
Sacramento, CA	Sacramento, CA	cold	33	Clark, NV	1241.1	938.1	5790.0	4314.7
Sacramento, CA	Sacramento, CA	cold	33	Colusa, CA	69.4	79.7	296.1	84.8
Sacramento, CA	Sacramento, CA	cold	33	Contra Costa, CA	160.3	139.2	3533.0	1452.6
Sacramento, CA	Sacramento, CA	cold	33	Crook, OR	33.6	34.3	69.1	7.8
Sacramento, CA	Sacramento, CA	cold	33	Del Norte, CA	26.7	15.2	102.7	9.9
Sacramento, CA	Sacramento, CA	cold	33	Deschutes, OR	150.4	158.1	458.4	42.0
Sacramento, CA	Sacramento, CA	cold	33	Douglas, NV	27.1	58.6	176.4	58.3
Sacramento, CA	Sacramento, CA	cold	33	Douglas, OR	214.5	147.7	553.3	51.3
Sacramento, CA	Sacramento, CA	cold	33	El Dorado, CA	133.8	86.8	387.4	41.2
Sacramento, CA	Sacramento, CA	cold	33	Elko, NV	160.1	124.0	517.4	61.5
Sacramento, CA	Sacramento, CA	cold	33	Elmore, ID	89.7	75.2	253.3	19.4
Sacramento, CA	Sacramento, CA	cold	33	Esmeralda, NV	0.8	14.9	8.5	4.8
Sacramento, CA	Sacramento, CA	cold	33	Eureka, NV	7.9	25.5	113.1	30.6
Sacramento, CA	Sacramento, CA	cold	33	Fresno, CA	362.7	299.7	2919.8	456.9
Sacramento, CA	Sacramento, CA	cold	33	Glenn, CA	66.8	78.6	311.3	108.0
Sacramento, CA	Sacramento, CA	cold	33	Grant, OR	21.9	20.5	56.9	4.4
Sacramento, CA	Sacramento, CA	cold	33	Harney, OR	49.2	33.2	78.5	11.3
Sacramento, CA	Sacramento, CA	cold	33	Humboldt, CA	114.1	70.7	748.7	28.7
Sacramento, CA	Sacramento, CA	cold	33	Humboldt, NV	30.6	62.6	962.8	800.1
Sacramento, CA	Sacramento, CA	cold	33	Inyo, CA	31.1	75.6	96.7	20.1
Sacramento, CA	Sacramento, CA	cold	33	Jackson, OR	250.4	164.3	650.3	109.7
Sacramento, CA	Sacramento, CA	cold	33	Jefferson, OR	40.2	43.0	104.0	9.3
Sacramento, CA	Sacramento, CA	cold	33	Josephine, OR	112.0	73.8	210.4	23.1
Sacramento, CA	Sacramento, CA	cold	33	Kern, CA	255.4	242.1	4906.8	274.9
Sacramento, CA	Sacramento, CA	cold	33	Kings, CA	36.6	62.9	543.0	48.1
Sacramento, CA	Sacramento, CA	cold	33	Klamath, OR	176.8	120.4	591.6	46.1
Sacramento, CA	Sacramento, CA	cold	33	Lake, CA	57.6	41.1	234.8	16.7
Sacramento, CA	Sacramento, CA	cold	33	Lake, OR	23.9	20.9	86.8	7.3
Sacramento, CA	Sacramento, CA	cold	33	Lander, NV	5.6	20.3	75.9	7.3
Sacramento, CA	Sacramento, CA	cold	33	Lane, OR	252.0	171.8	991.5	107.6
Sacramento, CA	Sacramento, CA	cold	33	Lassen, CA	63.8	57.8	214.4	13.2
Sacramento, CA	Sacramento, CA	cold	33	Lincoln, NV	604.3	327.5	203.5	74.9
Sacramento, CA	Sacramento, CA	cold	33	Linn, OR	118.5	120.4	531.0	92.3
Sacramento, CA	Sacramento, CA	cold	33	Lyon, NV	18.8	61.0	584.1	52.7
Sacramento, CA	Sacramento, CA	cold	33	Madera, CA	85.9	74.2	863.8	61.6
Sacramento, CA	Sacramento, CA	cold	33	Malheur, OR	65.1	105.6	243.4	81.5
Sacramento, CA	Sacramento, CA	cold	33	Marin, CA	37.6	27.6	522.4	78.1
Sacramento, CA	Sacramento, CA	cold	33	Mariposa, CA	38.1	24.8	72.7	3.3
Sacramento, CA	Sacramento, CA	cold	33	Mendocino, CA	76.1	44.9	410.8	29.7
Sacramento, CA	Sacramento, CA	cold	33	Merced, CA	66.0	85.6	1076.7	80.0
Sacramento, CA	Sacramento, CA	cold	33	Mineral, NV	2.5	33.8	16.0	1.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Sacramento, CA	Sacramento, CA	cold	33	Modoc, CA	23.6	25.3	133.7	5.2
Sacramento, CA	Sacramento, CA	cold	33	Mono, CA	23.8	44.8	61.8	2.1
Sacramento, CA	Sacramento, CA	cold	33	Monterey, CA	100.7	96.2	1503.1	444.1
Sacramento, CA	Sacramento, CA	cold	33	Morrow, OR	26.7	75.8	835.6	973.0
Sacramento, CA	Sacramento, CA	cold	33	Napa, CA	26.4	20.9	340.9	90.7
Sacramento, CA	Sacramento, CA	cold	33	Nevada, CA	102.6	72.5	277.3	20.9
Sacramento, CA	Sacramento, CA	cold	33	Nye, NV	107.8	71.5	118.9	39.5
Sacramento, CA	Sacramento, CA	cold	33	Owyhee, ID	155.9	111.5	98.3	38.8
Sacramento, CA	Sacramento, CA	cold	33	Payette, ID	16.4	48.0	124.7	7.6
Sacramento, CA	Sacramento, CA	cold	33	Pershing, NV	5.5	22.8	149.3	9.1
Sacramento, CA	Sacramento, CA	cold	33	Placer, CA	106.6	75.1	929.8	73.4
Sacramento, CA	Sacramento, CA	cold	33	Plumas, CA	123.4	68.9	275.2	27.9
Sacramento, CA	Sacramento, CA	cold	33	Sacramento, CA	180.8	152.7	2660.9	265.1
Sacramento, CA	Sacramento, CA	cold	33	San Benito, CA	13.6	28.9	199.8	50.3
Sacramento, CA	Sacramento, CA	cold	33	San Bernardino, CA	405.4	521.8	7744.5	304.1
Sacramento, CA	Sacramento, CA	cold	33	San Francisco, CA	111.3	71.6	1821.2	158.7
Sacramento, CA	Sacramento, CA	cold	33	San Joaquin, CA	126.5	120.9	2378.7	247.5
Sacramento, CA	Sacramento, CA	cold	33	San Mateo, CA	88.5	82.6	1675.0	207.3
Sacramento, CA	Sacramento, CA	cold	33	Santa Clara, CA	190.2	219.0	3585.6	562.0
Sacramento, CA	Sacramento, CA	cold	33	Santa Cruz, CA	57.1	62.3	625.4	155.9
Sacramento, CA	Sacramento, CA	cold	33	Shasta, CA	247.6	154.0	869.9	36.3
Sacramento, CA	Sacramento, CA	cold	33	Sierra, CA	42.2	22.8	48.4	9.5
Sacramento, CA	Sacramento, CA	cold	33	Siskiyou, CA	163.4	94.9	358.2	27.8
Sacramento, CA	Sacramento, CA	cold	33	Solano, CA	66.9	67.0	1203.6	668.3
Sacramento, CA	Sacramento, CA	cold	33	Sonoma, CA	98.1	71.7	1208.0	228.6
Sacramento, CA	Sacramento, CA	cold	33	Stanislaus, CA	85.7	91.2	1524.0	170.4
Sacramento, CA	Sacramento, CA	cold	33	Storey, NV	5.6	23.0	166.8	12.6
Sacramento, CA	Sacramento, CA	cold	33	Sutter, CA	64.2	77.2	471.3	15.1
Sacramento, CA	Sacramento, CA	cold	33	Tehama, CA	66.0	48.1	315.6	167.3
Sacramento, CA	Sacramento, CA	cold	33	Tooele, UT	58.1	79.2	431.7	42.0
Sacramento, CA	Sacramento, CA	cold	33	Trinity, CA	41.7	23.5	60.2	4.2
Sacramento, CA	Sacramento, CA	cold	33	Tulare, CA	147.0	142.7	1433.9	118.4
Sacramento, CA	Sacramento, CA	cold	33	Tuolumne, CA	77.1	54.5	280.8	21.4
Sacramento, CA	Sacramento, CA	cold	33	Twin Falls, ID	57.7	134.5	425.7	101.8
Sacramento, CA	Sacramento, CA	cold	33	Umatilla, OR	166.7	155.1	590.7	54.2
Sacramento, CA	Sacramento, CA	cold	33	Union, OR	102.5	66.9	282.0	29.3
Sacramento, CA	Sacramento, CA	cold	33	Washington, ID	36.2	30.7	90.7	9.2
Sacramento, CA	Sacramento, CA	cold	33	Washoe, NV	86.1	125.8	1064.4	329.6
Sacramento, CA	Sacramento, CA	cold	33	Wheeler, OR	10.3	10.4	12.4	1.7
Sacramento, CA	Sacramento, CA	cold	33	White Pine, NV	6.7	21.3	38.2	3.0
Sacramento, CA	Sacramento, CA	cold	33	Yolo, CA	65.6	91.4	890.2	46.9
Sacramento, CA	Sacramento, CA	cold	33	Yuba, CA	29.8	23.7	268.0	9.1
Salt Lake City, UT	Davis, UT	cold	11	Ada, ID	124.2	158.2	1019.6	68.3
Salt Lake City, UT	Davis, UT	cold	11	Albany, WY	12.5	38.5	388.4	49.2
Salt Lake City, UT	Davis, UT	cold	11	Apache, AZ	31.7	121.0	1366.8	1075.0
Salt Lake City, UT	Davis, UT	cold	11	Baker, OR	221.4	118.7	248.7	34.5
Salt Lake City, UT	Davis, UT	cold	11	Bannock, ID	239.9	150.6	251.1	34.9
Salt Lake City, UT	Davis, UT	cold	11	Bear Lake, ID	6.6	11.7	109.1	1.8
Salt Lake City, UT	Davis, UT	cold	11	Beaver, UT	9.0	7.4	80.5	11.8
Salt Lake City, UT	Davis, UT	cold	11	Big Horn, WY	16.9	102.2	85.7	17.3
Salt Lake City, UT	Davis, UT	cold	11	Bingham, ID	35.2	76.2	178.5	11.9
Salt Lake City, UT	Davis, UT	cold	11	Blaine, ID	197.6	112.1	149.1	24.6
Salt Lake City, UT	Davis, UT	cold	11	Boise, ID	18.9	13.9	43.8	4.5
Salt Lake City, UT	Davis, UT	cold	11	Bonneville, ID	55.6	68.8	223.9	21.4
Salt Lake City, UT	Davis, UT	cold	11	Box Elder, UT	22.6	40.3	270.3	17.9
Salt Lake City, UT	Davis, UT	cold	11	Butte, ID	2.4	7.1	20.4	4.6
Salt Lake City, UT	Davis, UT	cold	11	Cache, UT	13.7	22.9	198.9	12.3
Salt Lake City, UT	Davis, UT	cold	11	Camas, ID	6.6	5.5	9.9	1.1
Salt Lake City, UT	Davis, UT	cold	11	Campbell, WY	80.5	421.9	669.0	518.5
Salt Lake City, UT	Davis, UT	cold	11	Canyon, ID	54.0	143.6	431.0	124.2
Salt Lake City, UT	Davis, UT	cold	11	Carbon, MT	11.8	29.4	42.3	3.4
Salt Lake City, UT	Davis, UT	cold	11	Carbon, UT	4.7	19.9	287.0	348.6
Salt Lake City, UT	Davis, UT	cold	11	Carbon, WY	23.3	64.0	371.2	195.2
Salt Lake City, UT	Davis, UT	cold	11	Caribou, ID	80.5	129.0	148.8	656.1
Salt Lake City, UT	Davis, UT	cold	11	Carson, NV	16.5	15.7	65.6	67.6
Salt Lake City, UT	Davis, UT	cold	11	Cassia, ID	14.4	32.7	113.1	6.5
Salt Lake City, UT	Davis, UT	cold	11	Churchill, NV	10.2	28.9	103.4	13.7
Salt Lake City, UT	Davis, UT	cold	11	Clark, NV	803.1	607.0	3746.5	2791.8
Salt Lake City, UT	Davis, UT	cold	11	Coconino, AZ	88.5	188.8	2393.3	239.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Salt Lake City, UT	Davis, UT	cold	11	Converse, WY	14.7	98.7	1055.3	1041.3
Salt Lake City, UT	Davis, UT	cold	11	Crook, OR	21.7	22.2	44.7	5.0
Salt Lake City, UT	Davis, UT	cold	11	Custer, ID	211.2	111.4	62.5	27.1
Salt Lake City, UT	Davis, UT	cold	11	Daggett, UT	35.7	17.4	54.6	5.7
Salt Lake City, UT	Davis, UT	cold	11	Davis, UT	23.7	47.3	645.1	130.2
Salt Lake City, UT	Davis, UT	cold	11	Deschutes, OR	97.3	102.3	296.6	27.2
Salt Lake City, UT	Davis, UT	cold	11	Dolores, CO	12.4	12.2	18.6	1.6
Salt Lake City, UT	Davis, UT	cold	11	Duchesne, UT	16.3	14.4	69.8	7.3
Salt Lake City, UT	Davis, UT	cold	11	Eagle, CO	17.8	17.4	175.2	11.6
Salt Lake City, UT	Davis, UT	cold	11	Elko, NV	103.6	80.2	334.8	39.8
Salt Lake City, UT	Davis, UT	cold	11	Elmore, ID	58.0	48.6	163.9	12.6
Salt Lake City, UT	Davis, UT	cold	11	Emery, UT	9.5	125.0	1550.1	1241.4
Salt Lake City, UT	Davis, UT	cold	11	Esmeralda, NV	0.5	9.7	5.5	3.1
Salt Lake City, UT	Davis, UT	cold	11	Eureka, NV	5.1	16.5	73.2	19.8
Salt Lake City, UT	Davis, UT	cold	11	Franklin, ID	7.0	15.6	44.2	2.9
Salt Lake City, UT	Davis, UT	cold	11	Fremont, ID	8.2	22.2	54.9	4.9
Salt Lake City, UT	Davis, UT	cold	11	Fremont, WY	30.4	157.5	153.5	140.8
Salt Lake City, UT	Davis, UT	cold	11	Fresno, CA	234.7	193.9	1889.3	295.7
Salt Lake City, UT	Davis, UT	cold	11	Garfield, CO	25.0	18.9	286.4	10.9
Salt Lake City, UT	Davis, UT	cold	11	Garfield, UT	18.5	12.1	25.9	6.9
Salt Lake City, UT	Davis, UT	cold	11	Gem, ID	6.2	17.8	75.9	3.9
Salt Lake City, UT	Davis, UT	cold	11	Gooding, ID	14.6	27.8	58.1	2.8
Salt Lake City, UT	Davis, UT	cold	11	Grand, CO	48.1	25.2	89.6	17.4
Salt Lake City, UT	Davis, UT	cold	11	Grand, UT	4.9	4.3	80.5	3.0
Salt Lake City, UT	Davis, UT	cold	11	Grant, OR	14.1	13.3	36.8	2.9
Salt Lake City, UT	Davis, UT	cold	11	Harney, OR	31.8	21.5	50.8	7.3
Salt Lake City, UT	Davis, UT	cold	11	Hot Springs, WY	3.5	19.2	17.7	3.0
Salt Lake City, UT	Davis, UT	cold	11	Humboldt, NV	19.8	40.5	623.0	517.7
Salt Lake City, UT	Davis, UT	cold	11	Inyo, CA	20.1	48.9	62.6	13.0
Salt Lake City, UT	Davis, UT	cold	11	Iron, UT	7.6	10.3	182.5	28.2
Salt Lake City, UT	Davis, UT	cold	11	Jackson, CO	2.1	1.6	10.7	0.9
Salt Lake City, UT	Davis, UT	cold	11	Jefferson, ID	14.6	37.4	80.9	6.8
Salt Lake City, UT	Davis, UT	cold	11	Jerome, ID	35.2	43.0	90.9	7.0
Salt Lake City, UT	Davis, UT	cold	11	Johnson, WY	6.3	25.5	101.4	6.3
Salt Lake City, UT	Davis, UT	cold	11	Juab, UT	6.4	14.6	189.0	15.8
Salt Lake City, UT	Davis, UT	cold	11	Kane, UT	5.2	5.1	22.5	5.3
Salt Lake City, UT	Davis, UT	cold	11	Kern, CA	165.2	156.7	3175.0	177.9
Salt Lake City, UT	Davis, UT	cold	11	La Paz, AZ	21.4	23.3	159.0	10.4
Salt Lake City, UT	Davis, UT	cold	11	Lake, OR	15.5	13.5	56.1	4.7
Salt Lake City, UT	Davis, UT	cold	11	Lander, NV	3.6	13.1	49.1	4.7
Salt Lake City, UT	Davis, UT	cold	11	Laramie, WY	25.0	124.9	441.0	147.9
Salt Lake City, UT	Davis, UT	cold	11	Larimer, CO	57.5	55.8	740.3	114.7
Salt Lake City, UT	Davis, UT	cold	11	Lassen, CA	41.3	37.4	138.7	8.5
Salt Lake City, UT	Davis, UT	cold	11	Lincoln, ID	33.3	20.9	24.4	8.3
Salt Lake City, UT	Davis, UT	cold	11	Lincoln, NV	391.0	211.9	131.7	48.5
Salt Lake City, UT	Davis, UT	cold	11	Lincoln, WY	59.3	197.4	1043.0	1328.6
Salt Lake City, UT	Davis, UT	cold	11	Lyon, NV	12.1	39.4	377.9	34.1
Salt Lake City, UT	Davis, UT	cold	11	Madison, ID	11.0	28.8	103.9	7.9
Salt Lake City, UT	Davis, UT	cold	11	Malheur, OR	42.1	68.3	157.5	52.7
Salt Lake City, UT	Davis, UT	cold	11	Mesa, CO	28.0	48.6	323.4	178.2
Salt Lake City, UT	Davis, UT	cold	11	Millard, UT	18.3	101.3	1523.7	229.1
Salt Lake City, UT	Davis, UT	cold	11	Mineral, NV	1.6	21.9	10.3	1.2
Salt Lake City, UT	Davis, UT	cold	11	Minidoka, ID	31.7	34.5	162.7	22.1
Salt Lake City, UT	Davis, UT	cold	11	Modoc, CA	15.3	16.4	86.5	3.4
Salt Lake City, UT	Davis, UT	cold	11	Moffat, CO	11.2	82.3	1005.8	214.8
Salt Lake City, UT	Davis, UT	cold	11	Mohave, AZ	226.9	138.6	709.3	65.8
Salt Lake City, UT	Davis, UT	cold	11	Mono, CA	15.4	29.0	40.0	1.3
Salt Lake City, UT	Davis, UT	cold	11	Montezuma, CO	19.5	17.6	70.0	5.5
Salt Lake City, UT	Davis, UT	cold	11	Montrose, CO	10.8	26.8	164.8	79.0
Salt Lake City, UT	Davis, UT	cold	11	Morgan, UT	11.2	8.5	162.4	9.8
Salt Lake City, UT	Davis, UT	cold	11	Natrona, WY	19.8	98.9	277.8	112.8
Salt Lake City, UT	Davis, UT	cold	11	Navajo, AZ	42.5	160.1	1295.5	1248.0
Salt Lake City, UT	Davis, UT	cold	11	Nevada, CA	66.4	46.9	179.4	13.5
Salt Lake City, UT	Davis, UT	cold	11	Niobrara, WY	5.2	27.4	92.4	8.0
Salt Lake City, UT	Davis, UT	cold	11	Nye, NV	69.8	46.2	76.9	25.6
Salt Lake City, UT	Davis, UT	cold	11	Oneida, ID	5.9	11.1	27.2	2.3
Salt Lake City, UT	Davis, UT	cold	11	Owyhee, ID	100.9	72.2	63.6	25.1
Salt Lake City, UT	Davis, UT	cold	11	Park, MT	9.6	27.2	57.6	8.1
Salt Lake City, UT	Davis, UT	cold	11	Park, WY	14.9	99.2	135.7	114.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Salt Lake City, UT	Davis, UT	cold	11	Payette, ID	10.6	31.1	80.7	4.9
Salt Lake City, UT	Davis, UT	cold	11	Pershing, NV	3.6	14.7	96.6	5.9
Salt Lake City, UT	Davis, UT	cold	11	Pitkin, CO	3.6	4.5	36.0	3.9
Salt Lake City, UT	Davis, UT	cold	11	Piute, UT	14.3	8.0	8.8	3.4
Salt Lake City, UT	Davis, UT	cold	11	Placer, CA	68.9	48.6	601.6	47.5
Salt Lake City, UT	Davis, UT	cold	11	Platte, WY	20.1	159.4	1206.4	693.5
Salt Lake City, UT	Davis, UT	cold	11	Power, ID	61.7	47.4	55.3	93.8
Salt Lake City, UT	Davis, UT	cold	11	Rich, UT	2.1	4.0	11.4	2.0
Salt Lake City, UT	Davis, UT	cold	11	Rio Blanco, CO	23.9	17.2	203.2	6.3
Salt Lake City, UT	Davis, UT	cold	11	Routt, CO	15.4	45.3	487.9	157.1
Salt Lake City, UT	Davis, UT	cold	11	Salt Lake, UT	73.5	89.6	1474.1	297.7
Salt Lake City, UT	Davis, UT	cold	11	San Bernardino, CA	262.3	337.6	5011.1	196.8
Salt Lake City, UT	Davis, UT	cold	11	San Juan, NM	49.5	410.7	4453.0	1588.9
Salt Lake City, UT	Davis, UT	cold	11	San Juan, UT	18.4	12.7	84.8	84.5
Salt Lake City, UT	Davis, UT	cold	11	San Miguel, CO	7.1	5.0	33.5	2.6
Salt Lake City, UT	Davis, UT	cold	11	Sanpete, UT	19.8	15.4	50.0	22.8
Salt Lake City, UT	Davis, UT	cold	11	Sevier, UT	11.1	11.0	95.4	23.9
Salt Lake City, UT	Davis, UT	cold	11	Sierra, CA	27.3	14.7	31.3	6.1
Salt Lake City, UT	Davis, UT	cold	11	Storey, NV	3.6	14.9	107.9	8.2
Salt Lake City, UT	Davis, UT	cold	11	Sublette, WY	12.0	46.0	122.5	5.8
Salt Lake City, UT	Davis, UT	cold	11	Summit, UT	6.9	10.9	189.8	15.4
Salt Lake City, UT	Davis, UT	cold	11	Sweetwater, WY	43.2	384.6	2774.3	1852.2
Salt Lake City, UT	Davis, UT	cold	11	Teton, ID	6.6	12.8	25.0	2.4
Salt Lake City, UT	Davis, UT	cold	11	Teton, WY	21.1	68.2	58.2	22.0
Salt Lake City, UT	Davis, UT	cold	11	Tooele, UT	37.6	51.3	279.4	27.2
Salt Lake City, UT	Davis, UT	cold	11	Tulare, CA	95.1	92.4	927.8	76.6
Salt Lake City, UT	Davis, UT	cold	11	Twin Falls, ID	37.4	87.0	275.5	65.9
Salt Lake City, UT	Davis, UT	cold	11	Uinta, WY	11.2	70.4	251.5	380.1
Salt Lake City, UT	Davis, UT	cold	11	Uintah, UT	6.9	31.4	442.0	68.6
Salt Lake City, UT	Davis, UT	cold	11	Utah, UT	35.7	47.1	714.9	52.5
Salt Lake City, UT	Davis, UT	cold	11	Wasatch, UT	5.2	7.5	47.7	3.1
Salt Lake City, UT	Davis, UT	cold	11	Washakie, WY	7.3	31.9	92.9	25.9
Salt Lake City, UT	Davis, UT	cold	11	Washington, ID	23.4	19.8	58.7	6.0
Salt Lake City, UT	Davis, UT	cold	11	Washington, UT	142.9	96.1	262.2	38.2
Salt Lake City, UT	Davis, UT	cold	11	Washoe, NV	55.7	81.4	688.7	213.2
Salt Lake City, UT	Davis, UT	cold	11	Wayne, UT	0.9	2.6	10.4	8.1
Salt Lake City, UT	Davis, UT	cold	11	Weber, UT	19.4	26.1	360.7	18.5
Salt Lake City, UT	Davis, UT	cold	11	Weston, WY	15.3	49.1	177.9	198.9
Salt Lake City, UT	Davis, UT	cold	11	White Pine, NV	4.3	13.8	24.7	1.9
Salt Lake City, UT	Davis, UT	cold	11	Yavapai, AZ	300.6	194.6	705.6	105.0
Salt Lake City, UT	Salt Lake, UT	cold	113	Ada, ID	361.4	460.2	2966.1	198.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Albany, WY	36.4	112.1	1129.9	143.2
Salt Lake City, UT	Salt Lake, UT	cold	113	Apache, AZ	92.3	352.0	3976.0	3127.4
Salt Lake City, UT	Salt Lake, UT	cold	113	Baker, OR	644.1	345.2	723.4	100.2
Salt Lake City, UT	Salt Lake, UT	cold	113	Bannock, ID	697.8	438.1	730.4	101.6
Salt Lake City, UT	Salt Lake, UT	cold	113	Bear Lake, ID	19.1	33.9	317.4	5.3
Salt Lake City, UT	Salt Lake, UT	cold	113	Beaver, UT	26.2	21.5	234.3	34.3
Salt Lake City, UT	Salt Lake, UT	cold	113	Big Horn, WY	49.3	297.4	249.4	50.2
Salt Lake City, UT	Salt Lake, UT	cold	113	Bingham, ID	102.3	221.8	519.3	34.7
Salt Lake City, UT	Salt Lake, UT	cold	113	Blaine, ID	574.8	326.2	433.7	71.6
Salt Lake City, UT	Salt Lake, UT	cold	113	Boise, ID	55.0	40.4	127.4	13.1
Salt Lake City, UT	Salt Lake, UT	cold	113	Bonneville, ID	161.8	200.2	651.3	62.4
Salt Lake City, UT	Salt Lake, UT	cold	113	Box Elder, UT	65.7	117.2	786.4	52.1
Salt Lake City, UT	Salt Lake, UT	cold	113	Butte, ID	6.9	20.6	59.2	13.5
Salt Lake City, UT	Salt Lake, UT	cold	113	Cache, UT	39.7	66.5	578.6	35.9
Salt Lake City, UT	Salt Lake, UT	cold	113	Camas, ID	19.1	15.9	28.7	3.1
Salt Lake City, UT	Salt Lake, UT	cold	113	Campbell, WY	234.1	1227.4	1946.2	1508.3
Salt Lake City, UT	Salt Lake, UT	cold	113	Canyon, ID	157.2	417.6	1253.9	361.4
Salt Lake City, UT	Salt Lake, UT	cold	113	Carbon, MT	34.2	85.5	123.1	9.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Carbon, UT	13.7	58.0	835.0	1014.0
Salt Lake City, UT	Salt Lake, UT	cold	113	Carbon, WY	67.7	186.2	1079.7	567.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Caribou, ID	234.1	375.3	433.0	1908.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Carson, NV	48.1	45.7	190.9	196.7
Salt Lake City, UT	Salt Lake, UT	cold	113	Cassia, ID	41.9	95.1	329.1	18.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Churchill, NV	29.8	84.1	300.9	39.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Clark, NV	2336.3	1765.9	10898.9	8121.7
Salt Lake City, UT	Salt Lake, UT	cold	113	Coconino, AZ	257.5	549.1	6962.2	696.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Converse, WY	42.8	287.1	3070.0	3029.2
Salt Lake City, UT	Salt Lake, UT	cold	113	Crook, OR	63.2	64.6	130.2	14.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Salt Lake City, UT	Salt Lake, UT	cold	113	Custer, ID	614.4	324.0	181.7	78.7
Salt Lake City, UT	Salt Lake, UT	cold	113	Daggett, UT	103.9	50.7	158.7	16.6
Salt Lake City, UT	Salt Lake, UT	cold	113	Davis, UT	68.9	137.7	1876.7	378.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Deschutes, OR	283.2	297.5	862.8	79.1
Salt Lake City, UT	Salt Lake, UT	cold	113	Dolores, CO	36.2	35.4	54.2	4.6
Salt Lake City, UT	Salt Lake, UT	cold	113	Duchesne, UT	47.4	41.9	202.9	21.2
Salt Lake City, UT	Salt Lake, UT	cold	113	Eagle, CO	51.8	50.5	509.7	33.6
Salt Lake City, UT	Salt Lake, UT	cold	113	Elko, NV	301.4	233.4	973.8	115.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Elmore, ID	168.9	141.5	476.7	36.6
Salt Lake City, UT	Salt Lake, UT	cold	113	Emery, UT	27.6	363.8	4509.2	3611.4
Salt Lake City, UT	Salt Lake, UT	cold	113	Esmeralda, NV	1.4	28.1	16.1	8.9
Salt Lake City, UT	Salt Lake, UT	cold	113	Eureka, NV	15.0	48.0	212.9	57.6
Salt Lake City, UT	Salt Lake, UT	cold	113	Franklin, ID	20.2	45.4	128.5	8.6
Salt Lake City, UT	Salt Lake, UT	cold	113	Fremont, ID	23.9	64.6	159.7	14.4
Salt Lake City, UT	Salt Lake, UT	cold	113	Fremont, WY	88.5	458.3	446.6	409.5
Salt Lake City, UT	Salt Lake, UT	cold	113	Fresno, CA	682.7	564.1	5496.0	860.1
Salt Lake City, UT	Salt Lake, UT	cold	113	Garfield, CO	72.7	54.9	833.1	31.7
Salt Lake City, UT	Salt Lake, UT	cold	113	Garfield, UT	53.8	35.3	75.4	20.0
Salt Lake City, UT	Salt Lake, UT	cold	113	Gem, ID	18.2	51.7	220.9	11.5
Salt Lake City, UT	Salt Lake, UT	cold	113	Gooding, ID	42.4	80.8	169.1	8.1
Salt Lake City, UT	Salt Lake, UT	cold	113	Grand, CO	139.8	73.2	260.5	50.5
Salt Lake City, UT	Salt Lake, UT	cold	113	Grand, UT	14.1	12.5	234.1	8.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Grant, OR	41.1	38.6	107.1	8.3
Salt Lake City, UT	Salt Lake, UT	cold	113	Harney, OR	92.6	62.5	147.7	21.2
Salt Lake City, UT	Salt Lake, UT	cold	113	Hot Springs, WY	10.1	55.9	51.6	8.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Humboldt, NV	57.6	117.9	1812.2	1506.0
Salt Lake City, UT	Salt Lake, UT	cold	113	Inyo, CA	58.5	142.4	182.1	37.9
Salt Lake City, UT	Salt Lake, UT	cold	113	Iron, UT	22.1	30.0	530.9	82.2
Salt Lake City, UT	Salt Lake, UT	cold	113	Jackson, CO	6.0	4.6	31.1	2.7
Salt Lake City, UT	Salt Lake, UT	cold	113	Jefferson, ID	42.4	108.8	235.4	19.9
Salt Lake City, UT	Salt Lake, UT	cold	113	Jerome, ID	102.5	125.2	264.5	20.3
Salt Lake City, UT	Salt Lake, UT	cold	113	Johnson, WY	18.2	74.3	294.9	18.3
Salt Lake City, UT	Salt Lake, UT	cold	113	Juab, UT	18.5	42.4	549.8	46.1
Salt Lake City, UT	Salt Lake, UT	cold	113	Kane, UT	15.0	14.8	65.4	15.6
Salt Lake City, UT	Salt Lake, UT	cold	113	Kern, CA	480.7	455.8	9236.4	517.4
Salt Lake City, UT	Salt Lake, UT	cold	113	La Paz, AZ	62.2	67.9	462.6	30.2
Salt Lake City, UT	Salt Lake, UT	cold	113	Lake, OR	45.0	39.3	163.3	13.7
Salt Lake City, UT	Salt Lake, UT	cold	113	Lander, NV	10.6	38.1	142.8	13.7
Salt Lake City, UT	Salt Lake, UT	cold	113	Laramie, WY	72.8	363.3	1283.0	430.4
Salt Lake City, UT	Salt Lake, UT	cold	113	Larimer, CO	167.2	162.3	2153.7	333.7
Salt Lake City, UT	Salt Lake, UT	cold	113	Lassen, CA	120.0	108.7	403.6	24.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Lincoln, ID	97.0	60.8	71.1	24.3
Salt Lake City, UT	Salt Lake, UT	cold	113	Lincoln, NV	1137.5	616.4	383.0	141.0
Salt Lake City, UT	Salt Lake, UT	cold	113	Lincoln, WY	172.6	574.3	3034.3	3865.1
Salt Lake City, UT	Salt Lake, UT	cold	113	Lyon, NV	35.3	114.8	1099.5	99.2
Salt Lake City, UT	Salt Lake, UT	cold	113	Madison, ID	32.0	83.8	302.3	22.9
Salt Lake City, UT	Salt Lake, UT	cold	113	Malheur, OR	122.6	198.7	458.2	153.4
Salt Lake City, UT	Salt Lake, UT	cold	113	Mesa, CO	81.6	141.5	940.7	518.5
Salt Lake City, UT	Salt Lake, UT	cold	113	Millard, UT	53.2	294.8	4432.7	666.4
Salt Lake City, UT	Salt Lake, UT	cold	113	Mineral, NV	4.6	63.7	30.1	3.5
Salt Lake City, UT	Salt Lake, UT	cold	113	Minidoka, ID	92.2	100.3	473.4	64.2
Salt Lake City, UT	Salt Lake, UT	cold	113	Modoc, CA	44.4	47.6	251.6	9.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Moffat, CO	32.6	239.5	2926.1	625.0
Salt Lake City, UT	Salt Lake, UT	cold	113	Mohave, AZ	660.0	403.3	2063.5	191.4
Salt Lake City, UT	Salt Lake, UT	cold	113	Mono, CA	44.8	84.3	116.3	3.9
Salt Lake City, UT	Salt Lake, UT	cold	113	Montezuma, CO	56.7	51.2	203.8	16.0
Salt Lake City, UT	Salt Lake, UT	cold	113	Montrose, CO	31.5	77.9	479.3	229.7
Salt Lake City, UT	Salt Lake, UT	cold	113	Morgan, UT	32.6	24.6	472.5	28.6
Salt Lake City, UT	Salt Lake, UT	cold	113	Natrona, WY	57.7	287.6	808.2	328.1
Salt Lake City, UT	Salt Lake, UT	cold	113	Navajo, AZ	123.7	465.8	3768.6	3630.5
Salt Lake City, UT	Salt Lake, UT	cold	113	Nevada, CA	193.0	136.5	521.9	39.3
Salt Lake City, UT	Salt Lake, UT	cold	113	Niobrara, WY	15.2	79.7	268.8	23.3
Salt Lake City, UT	Salt Lake, UT	cold	113	Nye, NV	203.0	134.5	223.8	74.4
Salt Lake City, UT	Salt Lake, UT	cold	113	Oneida, ID	17.1	32.3	79.0	6.6
Salt Lake City, UT	Salt Lake, UT	cold	113	Owyhee, ID	293.5	209.9	185.1	73.1
Salt Lake City, UT	Salt Lake, UT	cold	113	Park, MT	28.0	79.2	167.5	23.4
Salt Lake City, UT	Salt Lake, UT	cold	113	Park, WY	43.5	288.5	394.6	331.5
Salt Lake City, UT	Salt Lake, UT	cold	113	Payette, ID	30.9	90.3	234.7	14.3
Salt Lake City, UT	Salt Lake, UT	cold	113	Pershing, NV	10.4	42.8	281.0	17.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Salt Lake City, UT	Salt Lake, UT	cold	113	Pitkin, CO	10.6	13.1	104.8	11.4
Salt Lake City, UT	Salt Lake, UT	cold	113	Piute, UT	41.5	23.2	25.7	10.0
Salt Lake City, UT	Salt Lake, UT	cold	113	Placer, CA	200.6	141.4	1750.2	138.1
Salt Lake City, UT	Salt Lake, UT	cold	113	Platte, WY	58.4	463.8	3509.4	2017.4
Salt Lake City, UT	Salt Lake, UT	cold	113	Power, ID	179.6	138.0	161.0	273.0
Salt Lake City, UT	Salt Lake, UT	cold	113	Rich, UT	6.2	11.6	33.3	6.0
Salt Lake City, UT	Salt Lake, UT	cold	113	Rio Blanco, CO	69.4	50.1	591.2	18.3
Salt Lake City, UT	Salt Lake, UT	cold	113	Routt, CO	44.8	131.7	1419.3	457.0
Salt Lake City, UT	Salt Lake, UT	cold	113	Salt Lake, UT	213.8	260.8	4288.4	866.2
Salt Lake City, UT	Salt Lake, UT	cold	113	San Bernardino, CA	763.0	982.2	14577.9	572.4
Salt Lake City, UT	Salt Lake, UT	cold	113	San Juan, NM	143.9	1194.6	12954.2	4622.3
Salt Lake City, UT	Salt Lake, UT	cold	113	San Juan, UT	53.6	36.8	246.7	245.7
Salt Lake City, UT	Salt Lake, UT	cold	113	San Miguel, CO	20.5	14.5	97.4	7.5
Salt Lake City, UT	Salt Lake, UT	cold	113	Sanpete, UT	57.7	44.7	145.3	66.2
Salt Lake City, UT	Salt Lake, UT	cold	113	Sevier, UT	32.4	32.0	277.5	69.5
Salt Lake City, UT	Salt Lake, UT	cold	113	Sierra, CA	79.4	42.9	91.0	17.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Storey, NV	10.5	43.2	314.0	23.7
Salt Lake City, UT	Salt Lake, UT	cold	113	Sublette, WY	34.9	133.9	356.4	16.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Summit, UT	20.1	31.6	552.2	44.9
Salt Lake City, UT	Salt Lake, UT	cold	113	Sweetwater, WY	125.6	1119.0	8070.6	5388.3
Salt Lake City, UT	Salt Lake, UT	cold	113	Teton, ID	19.3	37.3	72.6	7.1
Salt Lake City, UT	Salt Lake, UT	cold	113	Teton, WY	61.5	198.4	169.2	64.0
Salt Lake City, UT	Salt Lake, UT	cold	113	Tooele, UT	109.5	149.1	812.7	79.1
Salt Lake City, UT	Salt Lake, UT	cold	113	Tulare, CA	276.7	268.7	2699.0	222.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Twin Falls, ID	108.7	253.1	801.3	191.6
Salt Lake City, UT	Salt Lake, UT	cold	113	Uinta, WY	32.6	204.9	731.7	1105.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Uintah, UT	20.0	91.4	1285.8	199.4
Salt Lake City, UT	Salt Lake, UT	cold	113	Utah, UT	103.8	136.9	2079.8	152.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Wasatch, UT	15.1	21.8	138.8	8.9
Salt Lake City, UT	Salt Lake, UT	cold	113	Washakie, WY	21.2	92.9	270.2	75.3
Salt Lake City, UT	Salt Lake, UT	cold	113	Washington, ID	68.2	57.7	170.7	17.4
Salt Lake City, UT	Salt Lake, UT	cold	113	Washington, UT	415.8	279.6	762.8	111.2
Salt Lake City, UT	Salt Lake, UT	cold	113	Washoe, NV	162.1	236.9	2003.5	620.3
Salt Lake City, UT	Salt Lake, UT	cold	113	Wayne, UT	2.7	7.5	30.3	23.6
Salt Lake City, UT	Salt Lake, UT	cold	113	Weber, UT	56.5	75.8	1049.2	53.8
Salt Lake City, UT	Salt Lake, UT	cold	113	Weston, WY	44.4	142.8	517.4	578.6
Salt Lake City, UT	Salt Lake, UT	cold	113	White Pine, NV	12.5	40.0	71.9	5.6
Salt Lake City, UT	Salt Lake, UT	cold	113	Yavapai, AZ	874.6	566.2	2052.8	305.4
Salt Lake City, UT	Weber, UT	cold	22	Ada, ID	146.8	186.9	1205.0	80.8
Salt Lake City, UT	Weber, UT	cold	22	Albany, WY	14.8	45.5	459.0	58.2
Salt Lake City, UT	Weber, UT	cold	22	Apache, AZ	37.5	143.0	1615.3	1270.5
Salt Lake City, UT	Weber, UT	cold	22	Baker, OR	261.7	140.2	293.9	40.7
Salt Lake City, UT	Weber, UT	cold	22	Bannock, ID	283.5	178.0	296.7	41.3
Salt Lake City, UT	Weber, UT	cold	22	Bear Lake, ID	7.8	13.8	129.0	2.2
Salt Lake City, UT	Weber, UT	cold	22	Beaver, UT	10.6	8.7	95.2	13.9
Salt Lake City, UT	Weber, UT	cold	22	Big Horn, WY	20.0	120.8	101.3	20.4
Salt Lake City, UT	Weber, UT	cold	22	Bingham, ID	41.5	90.1	211.0	14.1
Salt Lake City, UT	Weber, UT	cold	22	Blaine, ID	233.5	132.5	176.2	29.1
Salt Lake City, UT	Weber, UT	cold	22	Boise, ID	22.4	16.4	51.8	5.3
Salt Lake City, UT	Weber, UT	cold	22	Bonneville, ID	65.7	81.3	264.6	25.3
Salt Lake City, UT	Weber, UT	cold	22	Box Elder, UT	26.7	47.6	319.5	21.2
Salt Lake City, UT	Weber, UT	cold	22	Butte, ID	2.8	8.4	24.1	5.5
Salt Lake City, UT	Weber, UT	cold	22	Cache, UT	16.1	27.0	235.1	14.6
Salt Lake City, UT	Weber, UT	cold	22	Camas, ID	7.7	6.5	11.7	1.3
Salt Lake City, UT	Weber, UT	cold	22	Campbell, WY	95.1	498.6	790.6	612.8
Salt Lake City, UT	Weber, UT	cold	22	Canyon, ID	63.9	169.7	509.4	146.8
Salt Lake City, UT	Weber, UT	cold	22	Carbon, MT	13.9	34.7	50.0	4.0
Salt Lake City, UT	Weber, UT	cold	22	Carbon, UT	5.6	23.6	339.2	411.9
Salt Lake City, UT	Weber, UT	cold	22	Carbon, WY	27.5	75.6	438.6	230.7
Salt Lake City, UT	Weber, UT	cold	22	Caribou, ID	95.1	152.4	175.9	775.4
Salt Lake City, UT	Weber, UT	cold	22	Carson, NV	19.5	18.6	77.5	79.9
Salt Lake City, UT	Weber, UT	cold	22	Cassia, ID	17.0	38.6	133.7	7.6
Salt Lake City, UT	Weber, UT	cold	22	Churchill, NV	12.1	34.1	122.2	16.2
Salt Lake City, UT	Weber, UT	cold	22	Clark, NV	949.1	717.4	4427.7	3299.5
Salt Lake City, UT	Weber, UT	cold	22	Coconino, AZ	104.6	223.1	2828.4	283.1
Salt Lake City, UT	Weber, UT	cold	22	Converse, WY	17.4	116.6	1247.2	1230.6
Salt Lake City, UT	Weber, UT	cold	22	Crook, OR	25.7	26.2	52.9	6.0
Salt Lake City, UT	Weber, UT	cold	22	Custer, ID	249.6	131.6	73.8	32.0
Salt Lake City, UT	Weber, UT	cold	22	Daggett, UT	42.2	20.6	64.5	6.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Salt Lake City, UT	Weber, UT	cold	22	Davis, UT	28.0	55.9	762.4	153.9
Salt Lake City, UT	Weber, UT	cold	22	Deschutes, OR	115.0	120.9	350.5	32.1
Salt Lake City, UT	Weber, UT	cold	22	Dolores, CO	14.7	14.4	22.0	1.9
Salt Lake City, UT	Weber, UT	cold	22	Duchesne, UT	19.3	17.0	82.4	8.6
Salt Lake City, UT	Weber, UT	cold	22	Eagle, CO	21.1	20.5	207.1	13.7
Salt Lake City, UT	Weber, UT	cold	22	Elko, NV	122.5	94.8	395.6	47.0
Salt Lake City, UT	Weber, UT	cold	22	Elmore, ID	68.6	57.5	193.7	14.9
Salt Lake City, UT	Weber, UT	cold	22	Emery, UT	11.2	147.8	1831.9	1467.1
Salt Lake City, UT	Weber, UT	cold	22	Esmeralda, NV	0.6	11.4	6.5	3.6
Salt Lake City, UT	Weber, UT	cold	22	Eureka, NV	6.1	19.5	86.5	23.4
Salt Lake City, UT	Weber, UT	cold	22	Franklin, ID	8.2	18.4	52.2	3.5
Salt Lake City, UT	Weber, UT	cold	22	Fremont, ID	9.7	26.3	64.9	5.8
Salt Lake City, UT	Weber, UT	cold	22	Fremont, WY	35.9	186.2	181.4	166.4
Salt Lake City, UT	Weber, UT	cold	22	Fresno, CA	277.3	229.2	2232.8	349.4
Salt Lake City, UT	Weber, UT	cold	22	Garfield, CO	29.5	22.3	338.5	12.9
Salt Lake City, UT	Weber, UT	cold	22	Garfield, UT	21.8	14.3	30.6	8.1
Salt Lake City, UT	Weber, UT	cold	22	Gem, ID	7.4	21.0	89.7	4.7
Salt Lake City, UT	Weber, UT	cold	22	Gooding, ID	17.2	32.8	68.7	3.3
Salt Lake City, UT	Weber, UT	cold	22	Grand, CO	56.8	29.7	105.8	20.5
Salt Lake City, UT	Weber, UT	cold	22	Grand, UT	5.7	5.1	95.1	3.6
Salt Lake City, UT	Weber, UT	cold	22	Grant, OR	16.7	15.7	43.5	3.4
Salt Lake City, UT	Weber, UT	cold	22	Harney, OR	37.6	25.4	60.0	8.6
Salt Lake City, UT	Weber, UT	cold	22	Hot Springs, WY	4.1	22.7	21.0	3.6
Salt Lake City, UT	Weber, UT	cold	22	Humboldt, NV	23.4	47.9	736.2	611.8
Salt Lake City, UT	Weber, UT	cold	22	Inyo, CA	23.8	57.8	74.0	15.4
Salt Lake City, UT	Weber, UT	cold	22	Iron, UT	9.0	12.2	215.7	33.4
Salt Lake City, UT	Weber, UT	cold	22	Jackson, CO	2.5	1.9	12.6	1.1
Salt Lake City, UT	Weber, UT	cold	22	Jefferson, ID	17.2	44.2	95.6	8.1
Salt Lake City, UT	Weber, UT	cold	22	Jerome, ID	41.6	50.9	107.5	8.2
Salt Lake City, UT	Weber, UT	cold	22	Johnson, WY	7.4	30.2	119.8	7.4
Salt Lake City, UT	Weber, UT	cold	22	Juab, UT	7.5	17.2	223.4	18.7
Salt Lake City, UT	Weber, UT	cold	22	Kane, UT	6.1	6.0	26.6	6.3
Salt Lake City, UT	Weber, UT	cold	22	Kern, CA	195.3	185.2	3752.3	210.2
Salt Lake City, UT	Weber, UT	cold	22	La Paz, AZ	25.3	27.6	187.9	12.3
Salt Lake City, UT	Weber, UT	cold	22	Lake, OR	18.3	16.0	66.3	5.6
Salt Lake City, UT	Weber, UT	cold	22	Lander, NV	4.3	15.5	58.0	5.6
Salt Lake City, UT	Weber, UT	cold	22	Laramie, WY	29.6	147.6	521.2	174.8
Salt Lake City, UT	Weber, UT	cold	22	Larimer, CO	67.9	65.9	874.9	135.6
Salt Lake City, UT	Weber, UT	cold	22	Lassen, CA	48.8	44.2	164.0	10.1
Salt Lake City, UT	Weber, UT	cold	22	Lincoln, ID	39.4	24.7	28.9	9.9
Salt Lake City, UT	Weber, UT	cold	22	Lincoln, NV	462.1	250.4	155.6	57.3
Salt Lake City, UT	Weber, UT	cold	22	Lincoln, WY	70.1	233.3	1232.7	1570.2
Salt Lake City, UT	Weber, UT	cold	22	Lyon, NV	14.3	46.6	446.7	40.3
Salt Lake City, UT	Weber, UT	cold	22	Madison, ID	13.0	34.0	122.8	9.3
Salt Lake City, UT	Weber, UT	cold	22	Malheur, OR	49.8	80.7	186.1	62.3
Salt Lake City, UT	Weber, UT	cold	22	Mesa, CO	33.1	57.5	382.2	210.6
Salt Lake City, UT	Weber, UT	cold	22	Millard, UT	21.6	119.8	1800.8	270.7
Salt Lake City, UT	Weber, UT	cold	22	Mineral, NV	1.9	25.9	12.2	1.4
Salt Lake City, UT	Weber, UT	cold	22	Minidoka, ID	37.5	40.7	192.3	26.1
Salt Lake City, UT	Weber, UT	cold	22	Modoc, CA	18.1	19.4	102.2	4.0
Salt Lake City, UT	Weber, UT	cold	22	Moffat, CO	13.2	97.3	1188.7	253.9
Salt Lake City, UT	Weber, UT	cold	22	Mohave, AZ	268.1	163.9	838.3	77.8
Salt Lake City, UT	Weber, UT	cold	22	Mono, CA	18.2	34.3	47.2	1.6
Salt Lake City, UT	Weber, UT	cold	22	Montezuma, CO	23.0	20.8	82.8	6.5
Salt Lake City, UT	Weber, UT	cold	22	Montrose, CO	12.8	31.6	194.7	93.3
Salt Lake City, UT	Weber, UT	cold	22	Morgan, UT	13.3	10.0	192.0	11.6
Salt Lake City, UT	Weber, UT	cold	22	Natrona, WY	23.4	116.8	328.3	133.3
Salt Lake City, UT	Weber, UT	cold	22	Navajo, AZ	50.3	189.2	1531.0	1474.9
Salt Lake City, UT	Weber, UT	cold	22	Nevada, CA	78.4	55.4	212.0	16.0
Salt Lake City, UT	Weber, UT	cold	22	Niobrara, WY	6.2	32.4	109.2	9.5
Salt Lake City, UT	Weber, UT	cold	22	Nye, NV	82.5	54.6	90.9	30.2
Salt Lake City, UT	Weber, UT	cold	22	Oneida, ID	7.0	13.1	32.1	2.7
Salt Lake City, UT	Weber, UT	cold	22	Owyhee, ID	119.2	85.3	75.2	29.7
Salt Lake City, UT	Weber, UT	cold	22	Park, MT	11.4	32.2	68.0	9.5
Salt Lake City, UT	Weber, UT	cold	22	Park, WY	17.7	117.2	160.3	134.7
Salt Lake City, UT	Weber, UT	cold	22	Payette, ID	12.5	36.7	95.3	5.8
Salt Lake City, UT	Weber, UT	cold	22	Pershing, NV	4.2	17.4	114.2	6.9
Salt Lake City, UT	Weber, UT	cold	22	Pitkin, CO	4.3	5.3	42.6	4.6
Salt Lake City, UT	Weber, UT	cold	22	Piute, UT	16.9	9.4	10.5	4.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Salt Lake City, UT	Weber, UT	cold	22	Placer, CA	81.5	57.5	711.0	56.1
Salt Lake City, UT	Weber, UT	cold	22	Platte, WY	23.7	188.4	1425.7	819.6
Salt Lake City, UT	Weber, UT	cold	22	Power, ID	73.0	56.1	65.4	110.9
Salt Lake City, UT	Weber, UT	cold	22	Rich, UT	2.5	4.7	13.5	2.4
Salt Lake City, UT	Weber, UT	cold	22	Rio Blanco, CO	28.2	20.3	240.2	7.4
Salt Lake City, UT	Weber, UT	cold	22	Routt, CO	18.2	53.5	576.6	185.7
Salt Lake City, UT	Weber, UT	cold	22	Salt Lake, UT	86.9	105.9	1742.2	351.9
Salt Lake City, UT	Weber, UT	cold	22	San Bernardino, CA	310.0	399.0	5922.3	232.5
Salt Lake City, UT	Weber, UT	cold	22	San Juan, NM	58.4	485.3	5262.6	1877.8
Salt Lake City, UT	Weber, UT	cold	22	San Juan, UT	21.8	15.0	100.2	99.8
Salt Lake City, UT	Weber, UT	cold	22	San Miguel, CO	8.3	5.9	39.6	3.1
Salt Lake City, UT	Weber, UT	cold	22	Sanpete, UT	23.4	18.2	59.0	26.9
Salt Lake City, UT	Weber, UT	cold	22	Sevier, UT	13.1	13.0	112.7	28.2
Salt Lake City, UT	Weber, UT	cold	22	Sierra, CA	32.3	17.4	37.0	7.2
Salt Lake City, UT	Weber, UT	cold	22	Storey, NV	4.3	17.6	127.6	9.6
Salt Lake City, UT	Weber, UT	cold	22	Sublette, WY	14.2	54.4	144.8	6.8
Salt Lake City, UT	Weber, UT	cold	22	Summit, UT	8.2	12.9	224.3	18.2
Salt Lake City, UT	Weber, UT	cold	22	Sweetwater, WY	51.0	454.6	3278.7	2189.0
Salt Lake City, UT	Weber, UT	cold	22	Teton, ID	7.8	15.2	29.5	2.9
Salt Lake City, UT	Weber, UT	cold	22	Teton, WY	25.0	80.6	68.7	26.0
Salt Lake City, UT	Weber, UT	cold	22	Tooele, UT	44.5	60.6	330.1	32.1
Salt Lake City, UT	Weber, UT	cold	22	Tulare, CA	112.4	109.2	1096.5	90.5
Salt Lake City, UT	Weber, UT	cold	22	Twin Falls, ID	44.1	102.8	325.5	77.9
Salt Lake City, UT	Weber, UT	cold	22	Uinta, WY	13.3	83.2	297.3	449.2
Salt Lake City, UT	Weber, UT	cold	22	Uintah, UT	8.1	37.1	522.3	81.0
Salt Lake City, UT	Weber, UT	cold	22	Utah, UT	42.2	55.6	844.9	62.1
Salt Lake City, UT	Weber, UT	cold	22	Wasatch, UT	6.2	8.9	56.4	3.6
Salt Lake City, UT	Weber, UT	cold	22	Washakie, WY	8.6	37.8	109.8	30.6
Salt Lake City, UT	Weber, UT	cold	22	Washington, ID	27.7	23.4	69.3	7.1
Salt Lake City, UT	Weber, UT	cold	22	Washington, UT	168.9	113.6	309.9	45.2
Salt Lake City, UT	Weber, UT	cold	22	Washoe, NV	65.8	96.2	813.9	252.0
Salt Lake City, UT	Weber, UT	cold	22	Wayne, UT	1.1	3.1	12.3	9.6
Salt Lake City, UT	Weber, UT	cold	22	Weber, UT	22.9	30.8	426.2	21.8
Salt Lake City, UT	Weber, UT	cold	22	Weston, WY	18.0	58.0	210.2	235.0
Salt Lake City, UT	Weber, UT	cold	22	White Pine, NV	5.1	16.3	29.2	2.3
Salt Lake City, UT	Weber, UT	cold	22	Yavapai, AZ	355.3	230.0	833.9	124.1
San Francisco, CA	Santa Clara, CA	cold	15	Alameda, CA	162.8	150.5	3090.9	490.4
San Francisco, CA	Santa Clara, CA	cold	15	Alpine, CA	6.0	2.7	9.2	1.2
San Francisco, CA	Santa Clara, CA	cold	15	Amador, CA	53.9	40.8	184.7	5.8
San Francisco, CA	Santa Clara, CA	cold	15	Butte, CA	107.0	99.3	600.4	149.6
San Francisco, CA	Santa Clara, CA	cold	15	Calaveras, CA	38.9	27.0	138.6	3.0
San Francisco, CA	Santa Clara, CA	cold	15	Carson, NV	22.5	21.4	89.5	92.2
San Francisco, CA	Santa Clara, CA	cold	15	Churchill, NV	14.0	39.4	141.0	18.7
San Francisco, CA	Santa Clara, CA	cold	15	Clark, NV	1095.1	827.8	5108.8	3807.1
San Francisco, CA	Santa Clara, CA	cold	15	Colusa, CA	61.2	70.3	261.3	74.8
San Francisco, CA	Santa Clara, CA	cold	15	Contra Costa, CA	141.5	122.8	3117.4	1281.7
San Francisco, CA	Santa Clara, CA	cold	15	Douglas, NV	23.9	51.7	155.6	51.4
San Francisco, CA	Santa Clara, CA	cold	15	El Dorado, CA	118.0	76.6	341.8	36.3
San Francisco, CA	Santa Clara, CA	cold	15	Esmeralda, NV	0.7	13.2	7.5	4.2
San Francisco, CA	Santa Clara, CA	cold	15	Eureka, NV	7.0	22.5	99.8	27.0
San Francisco, CA	Santa Clara, CA	cold	15	Fresno, CA	320.0	264.4	2576.3	403.2
San Francisco, CA	Santa Clara, CA	cold	15	Inyo, CA	27.4	66.7	85.3	17.8
San Francisco, CA	Santa Clara, CA	cold	15	Kern, CA	225.3	213.6	4329.6	242.5
San Francisco, CA	Santa Clara, CA	cold	15	Kings, CA	32.3	55.5	479.2	42.5
San Francisco, CA	Santa Clara, CA	cold	15	La Paz, AZ	29.1	31.8	216.8	14.2
San Francisco, CA	Santa Clara, CA	cold	15	Lake, CA	50.9	36.3	207.2	14.7
San Francisco, CA	Santa Clara, CA	cold	15	Lander, NV	5.0	17.9	66.9	6.4
San Francisco, CA	Santa Clara, CA	cold	15	Lincoln, NV	533.2	288.9	179.5	66.1
San Francisco, CA	Santa Clara, CA	cold	15	Los Angeles, CA	762.8	366.7	19314.0	2237.2
San Francisco, CA	Santa Clara, CA	cold	15	Lyon, NV	16.5	53.8	515.4	46.5
San Francisco, CA	Santa Clara, CA	cold	15	Madera, CA	75.8	65.4	762.2	54.4
San Francisco, CA	Santa Clara, CA	cold	15	Marin, CA	33.2	24.4	460.9	68.9
San Francisco, CA	Santa Clara, CA	cold	15	Mariposa, CA	33.7	21.9	64.1	2.9
San Francisco, CA	Santa Clara, CA	cold	15	Mendocino, CA	67.2	39.7	362.4	26.2
San Francisco, CA	Santa Clara, CA	cold	15	Merced, CA	58.2	75.5	950.0	70.6
San Francisco, CA	Santa Clara, CA	cold	15	Mineral, NV	2.2	29.9	14.1	1.6
San Francisco, CA	Santa Clara, CA	cold	15	Mohave, AZ	309.4	189.1	967.3	89.7
San Francisco, CA	Santa Clara, CA	cold	15	Mono, CA	21.0	39.5	54.5	1.8
San Francisco, CA	Santa Clara, CA	cold	15	Monterey, CA	88.8	84.9	1326.3	391.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
San Francisco, CA	Santa Clara, CA	cold	15	Napa, CA	23.3	18.5	300.8	80.1
San Francisco, CA	Santa Clara, CA	cold	15	Nevada, CA	90.5	64.0	244.6	18.4
San Francisco, CA	Santa Clara, CA	cold	15	Nye, NV	95.2	63.1	104.9	34.9
San Francisco, CA	Santa Clara, CA	cold	15	Orange, CA	231.0	109.1	4487.1	647.3
San Francisco, CA	Santa Clara, CA	cold	15	Placer, CA	94.0	66.3	820.4	64.7
San Francisco, CA	Santa Clara, CA	cold	15	Riverside, CA	205.1	164.3	4120.0	314.9
San Francisco, CA	Santa Clara, CA	cold	15	Sacramento, CA	159.6	134.8	2347.9	234.0
San Francisco, CA	Santa Clara, CA	cold	15	San Benito, CA	12.0	25.5	176.3	44.4
San Francisco, CA	Santa Clara, CA	cold	15	San Bernardino, CA	357.7	460.4	6833.4	268.3
San Francisco, CA	Santa Clara, CA	cold	15	San Francisco, CA	98.2	63.2	1606.9	140.0
San Francisco, CA	Santa Clara, CA	cold	15	San Joaquin, CA	111.6	106.7	2098.8	218.4
San Francisco, CA	Santa Clara, CA	cold	15	San Luis Obispo, CA	82.7	84.1	669.7	285.8
San Francisco, CA	Santa Clara, CA	cold	15	San Mateo, CA	78.1	72.8	1477.9	182.9
San Francisco, CA	Santa Clara, CA	cold	15	Santa Barbara, CA	113.1	46.1	1939.2	740.2
San Francisco, CA	Santa Clara, CA	cold	15	Santa Clara, CA	167.8	193.2	3163.7	495.9
San Francisco, CA	Santa Clara, CA	cold	15	Santa Cruz, CA	50.4	54.9	551.8	137.6
San Francisco, CA	Santa Clara, CA	cold	15	Solano, CA	59.1	59.1	1062.0	589.7
San Francisco, CA	Santa Clara, CA	cold	15	Sonoma, CA	86.5	63.3	1065.9	201.7
San Francisco, CA	Santa Clara, CA	cold	15	Stanislaus, CA	75.6	80.4	1344.7	150.4
San Francisco, CA	Santa Clara, CA	cold	15	Storey, NV	4.9	20.3	147.2	11.1
San Francisco, CA	Santa Clara, CA	cold	15	Sutter, CA	56.7	68.1	415.9	13.4
San Francisco, CA	Santa Clara, CA	cold	15	Tulare, CA	129.7	125.9	1265.2	104.4
San Francisco, CA	Santa Clara, CA	cold	15	Tuolumne, CA	68.0	48.1	247.8	18.9
San Francisco, CA	Santa Clara, CA	cold	15	Ventura, CA	133.2	65.3	1585.6	215.2
San Francisco, CA	Santa Clara, CA	cold	15	Washoe, NV	76.0	111.0	939.2	290.8
San Francisco, CA	Santa Clara, CA	cold	15	White Pine, NV	5.9	18.8	33.7	2.6
San Francisco, CA	Santa Clara, CA	cold	15	Yolo, CA	57.9	80.7	785.5	41.4
San Francisco, CA	Santa Clara, CA	cold	15	Yuba, CA	26.3	20.9	236.4	8.0
San Francisco, CA	Solano, CA	cold	8	Alameda, CA	86.9	80.3	1648.5	261.6
San Francisco, CA	Solano, CA	cold	8	Alpine, CA	3.2	1.5	4.9	0.7
San Francisco, CA	Solano, CA	cold	8	Amador, CA	28.7	21.8	98.5	3.1
San Francisco, CA	Solano, CA	cold	8	Butte, CA	57.1	53.0	320.2	79.8
San Francisco, CA	Solano, CA	cold	8	Calaveras, CA	20.7	14.4	73.9	1.6
San Francisco, CA	Solano, CA	cold	8	Carson, NV	12.0	11.4	47.7	49.2
San Francisco, CA	Solano, CA	cold	8	Churchill, NV	7.4	21.0	75.2	9.9
San Francisco, CA	Solano, CA	cold	8	Clark, NV	584.1	441.5	2724.7	2030.4
San Francisco, CA	Solano, CA	cold	8	Colusa, CA	32.6	37.5	139.3	39.9
San Francisco, CA	Solano, CA	cold	8	Contra Costa, CA	75.4	65.5	1662.6	683.6
San Francisco, CA	Solano, CA	cold	8	Douglas, NV	12.7	27.6	83.0	27.4
San Francisco, CA	Solano, CA	cold	8	El Dorado, CA	62.9	40.9	182.3	19.4
San Francisco, CA	Solano, CA	cold	8	Esmeralda, NV	0.4	7.0	4.0	2.2
San Francisco, CA	Solano, CA	cold	8	Eureka, NV	3.7	12.0	53.2	14.4
San Francisco, CA	Solano, CA	cold	8	Fresno, CA	170.7	141.0	1374.0	215.0
San Francisco, CA	Solano, CA	cold	8	Inyo, CA	14.6	35.6	45.5	9.5
San Francisco, CA	Solano, CA	cold	8	Kern, CA	120.2	113.9	2309.1	129.3
San Francisco, CA	Solano, CA	cold	8	Kings, CA	17.2	29.6	255.6	22.6
San Francisco, CA	Solano, CA	cold	8	La Paz, AZ	15.5	17.0	115.6	7.5
San Francisco, CA	Solano, CA	cold	8	Lake, CA	27.1	19.4	110.5	7.8
San Francisco, CA	Solano, CA	cold	8	Lander, NV	2.6	9.5	35.7	3.4
San Francisco, CA	Solano, CA	cold	8	Lincoln, NV	284.4	154.1	95.7	35.2
San Francisco, CA	Solano, CA	cold	8	Los Angeles, CA	406.8	195.5	10300.8	1193.2
San Francisco, CA	Solano, CA	cold	8	Lyon, NV	8.8	28.7	274.9	24.8
San Francisco, CA	Solano, CA	cold	8	Madera, CA	40.4	34.9	406.5	29.0
San Francisco, CA	Solano, CA	cold	8	Marin, CA	17.7	13.0	245.8	36.7
San Francisco, CA	Solano, CA	cold	8	Mariposa, CA	18.0	11.7	34.2	1.6
San Francisco, CA	Solano, CA	cold	8	Mendocino, CA	35.8	21.2	193.3	14.0
San Francisco, CA	Solano, CA	cold	8	Merced, CA	31.1	40.3	506.7	37.6
San Francisco, CA	Solano, CA	cold	8	Mineral, NV	1.2	15.9	7.5	0.9
San Francisco, CA	Solano, CA	cold	8	Mohave, AZ	165.0	100.8	515.9	47.8
San Francisco, CA	Solano, CA	cold	8	Mono, CA	11.2	21.1	29.1	1.0
San Francisco, CA	Solano, CA	cold	8	Monterey, CA	47.4	45.3	707.4	209.0
San Francisco, CA	Solano, CA	cold	8	Napa, CA	12.4	9.8	160.4	42.7
San Francisco, CA	Solano, CA	cold	8	Nevada, CA	48.3	34.1	130.5	9.8
San Francisco, CA	Solano, CA	cold	8	Nye, NV	50.8	33.6	55.9	18.6
San Francisco, CA	Solano, CA	cold	8	Orange, CA	123.2	58.2	2393.1	345.2
San Francisco, CA	Solano, CA	cold	8	Placer, CA	50.1	35.4	437.6	34.5
San Francisco, CA	Solano, CA	cold	8	Riverside, CA	109.4	87.6	2197.3	168.0
San Francisco, CA	Solano, CA	cold	8	Sacramento, CA	85.1	71.9	1252.2	124.8
San Francisco, CA	Solano, CA	cold	8	San Benito, CA	6.4	13.6	94.0	23.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
San Francisco, CA	Solano, CA	cold	8	San Bernardino, CA	190.8	245.5	3644.5	143.1
San Francisco, CA	Solano, CA	cold	8	San Francisco, CA	52.4	33.7	857.0	74.7
San Francisco, CA	Solano, CA	cold	8	San Joaquin, CA	59.5	56.9	1119.4	116.5
San Francisco, CA	Solano, CA	cold	8	San Luis Obispo, CA	44.1	44.8	357.2	152.4
San Francisco, CA	Solano, CA	cold	8	San Mateo, CA	41.6	38.9	788.2	97.6
San Francisco, CA	Solano, CA	cold	8	Santa Barbara, CA	60.3	24.6	1034.2	394.8
San Francisco, CA	Solano, CA	cold	8	Santa Clara, CA	89.5	103.0	1687.3	264.5
San Francisco, CA	Solano, CA	cold	8	Santa Cruz, CA	26.9	29.3	294.3	73.4
San Francisco, CA	Solano, CA	cold	8	Solano, CA	31.5	31.5	566.4	314.5
San Francisco, CA	Solano, CA	cold	8	Sonoma, CA	46.2	33.7	568.5	107.6
San Francisco, CA	Solano, CA	cold	8	Stanislaus, CA	40.3	42.9	717.2	80.2
San Francisco, CA	Solano, CA	cold	8	Storey, NV	2.6	10.8	78.5	5.9
San Francisco, CA	Solano, CA	cold	8	Sutter, CA	30.2	36.3	221.8	7.1
San Francisco, CA	Solano, CA	cold	8	Tulare, CA	69.2	67.2	674.8	55.7
San Francisco, CA	Solano, CA	cold	8	Tuolumne, CA	36.3	25.6	132.1	10.1
San Francisco, CA	Solano, CA	cold	8	Ventura, CA	71.1	34.8	845.7	114.8
San Francisco, CA	Solano, CA	cold	8	Washoe, NV	40.5	59.2	500.9	155.1
San Francisco, CA	Solano, CA	cold	8	White Pine, NV	3.1	10.0	18.0	1.4
San Francisco, CA	Solano, CA	cold	8	Yolo, CA	30.9	43.0	418.9	22.1
San Francisco, CA	Solano, CA	cold	8	Yuba, CA	14.0	11.1	126.1	4.3
San Joaquin Valley, CA	Fresno, CA	cold	96	Alameda, CA	456.0	421.5	8654.5	1373.2
San Joaquin Valley, CA	Fresno, CA	cold	96	Alpine, CA	16.8	7.6	25.7	3.5
San Joaquin Valley, CA	Fresno, CA	cold	96	Amador, CA	150.8	114.4	517.1	16.3
San Joaquin Valley, CA	Fresno, CA	cold	96	Apache, AZ	121.1	462.0	5218.6	4104.7
San Joaquin Valley, CA	Fresno, CA	cold	96	Beaver, UT	34.3	28.3	307.5	45.0
San Joaquin Valley, CA	Fresno, CA	cold	96	Box Elder, UT	86.2	153.8	1032.1	68.4
San Joaquin Valley, CA	Fresno, CA	cold	96	Calaveras, CA	108.9	75.7	388.2	8.4
San Joaquin Valley, CA	Fresno, CA	cold	96	Carson, NV	63.1	59.9	250.5	258.1
San Joaquin Valley, CA	Fresno, CA	cold	96	Cassia, ID	55.0	124.8	432.0	24.7
San Joaquin Valley, CA	Fresno, CA	cold	96	Churchill, NV	39.1	110.3	394.9	52.2
San Joaquin Valley, CA	Fresno, CA	cold	96	Clark, NV	3066.4	2317.7	14304.8	10659.8
San Joaquin Valley, CA	Fresno, CA	cold	96	Cochise, AZ	98.2	220.2	3199.8	735.4
San Joaquin Valley, CA	Fresno, CA	cold	96	Coconino, AZ	337.9	720.7	9137.9	914.6
San Joaquin Valley, CA	Fresno, CA	cold	96	Davis, UT	90.5	180.7	2463.1	497.2
San Joaquin Valley, CA	Fresno, CA	cold	96	Dolores, CO	47.5	46.4	71.2	6.0
San Joaquin Valley, CA	Fresno, CA	cold	96	Douglas, NV	66.9	144.8	435.7	144.0
San Joaquin Valley, CA	Fresno, CA	cold	96	El Dorado, CA	330.4	214.6	957.0	101.7
San Joaquin Valley, CA	Fresno, CA	cold	96	Elko, NV	395.6	306.4	1278.2	151.9
San Joaquin Valley, CA	Fresno, CA	cold	96	Emery, UT	36.2	477.4	5918.4	4740.0
San Joaquin Valley, CA	Fresno, CA	cold	96	Esmeralda, NV	1.9	36.9	21.1	11.7
San Joaquin Valley, CA	Fresno, CA	cold	96	Eureka, NV	19.6	62.9	279.5	75.6
San Joaquin Valley, CA	Fresno, CA	cold	96	Fresno, CA	896.0	740.4	7213.5	1128.9
San Joaquin Valley, CA	Fresno, CA	cold	96	Garfield, UT	70.6	46.3	99.0	26.3
San Joaquin Valley, CA	Fresno, CA	cold	96	Gila, AZ	387.4	265.5	394.3	3725.0
San Joaquin Valley, CA	Fresno, CA	cold	96	Graham, AZ	28.9	84.3	197.8	10.8
San Joaquin Valley, CA	Fresno, CA	cold	96	Grand, UT	18.6	16.4	307.2	11.5
San Joaquin Valley, CA	Fresno, CA	cold	96	Harney, OR	121.6	82.1	193.9	27.9
San Joaquin Valley, CA	Fresno, CA	cold	96	Humboldt, NV	75.6	154.7	2378.6	1976.7
San Joaquin Valley, CA	Fresno, CA	cold	96	Imperial, CA	164.6	494.2	2465.6	430.2
San Joaquin Valley, CA	Fresno, CA	cold	96	Inyo, CA	76.8	186.8	239.0	49.8
San Joaquin Valley, CA	Fresno, CA	cold	96	Iron, UT	29.0	39.4	696.9	107.8
San Joaquin Valley, CA	Fresno, CA	cold	96	Juab, UT	24.3	55.6	721.6	60.4
San Joaquin Valley, CA	Fresno, CA	cold	96	Kane, UT	19.7	19.4	85.8	20.4
San Joaquin Valley, CA	Fresno, CA	cold	96	Kern, CA	630.9	598.2	12122.8	679.1
San Joaquin Valley, CA	Fresno, CA	cold	96	Kings, CA	90.5	155.4	1341.7	118.9
San Joaquin Valley, CA	Fresno, CA	cold	96	La Paz, AZ	81.6	89.1	607.2	39.6
San Joaquin Valley, CA	Fresno, CA	cold	96	Lake, OR	59.1	51.6	214.3	17.9
San Joaquin Valley, CA	Fresno, CA	cold	96	Lander, NV	13.9	50.0	187.4	18.0
San Joaquin Valley, CA	Fresno, CA	cold	96	Lassen, CA	157.5	142.7	529.7	32.6
San Joaquin Valley, CA	Fresno, CA	cold	96	Lincoln, NV	1493.0	809.0	502.7	185.0
San Joaquin Valley, CA	Fresno, CA	cold	96	Los Angeles, CA	2135.7	1026.6	54079.2	6264.3
San Joaquin Valley, CA	Fresno, CA	cold	96	Lyon, NV	46.3	150.6	1443.1	130.1
San Joaquin Valley, CA	Fresno, CA	cold	96	Madera, CA	212.2	183.2	2134.1	152.2
San Joaquin Valley, CA	Fresno, CA	cold	96	Malheur, OR	160.9	260.8	601.3	201.4
San Joaquin Valley, CA	Fresno, CA	cold	96	Maricopa, AZ	2775.7	1846.3	21770.1	1219.3
San Joaquin Valley, CA	Fresno, CA	cold	96	Mariposa, CA	94.2	61.2	179.6	8.2
San Joaquin Valley, CA	Fresno, CA	cold	96	Merced, CA	163.0	211.5	2660.1	197.6
San Joaquin Valley, CA	Fresno, CA	cold	96	Mesa, CO	107.1	185.7	1234.7	680.6
San Joaquin Valley, CA	Fresno, CA	cold	96	Millard, UT	69.8	386.9	5817.9	874.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
San Joaquin Valley, CA	Fresno, CA	cold	96	Mineral, NV	6.1	83.6	39.5	4.6
San Joaquin Valley, CA	Fresno, CA	cold	96	Modoc, CA	58.3	62.5	330.3	12.9
San Joaquin Valley, CA	Fresno, CA	cold	96	Mohave, AZ	866.2	529.4	2708.3	251.2
San Joaquin Valley, CA	Fresno, CA	cold	96	Mono, CA	58.8	110.7	152.6	5.1
San Joaquin Valley, CA	Fresno, CA	cold	96	Monterey, CA	248.7	237.6	3713.6	1097.1
San Joaquin Valley, CA	Fresno, CA	cold	96	Montezuma, CO	74.4	67.2	267.4	21.1
San Joaquin Valley, CA	Fresno, CA	cold	96	Montrose, CO	41.3	102.3	629.1	301.5
San Joaquin Valley, CA	Fresno, CA	cold	96	Navajo, AZ	162.4	611.4	4946.3	4765.0
San Joaquin Valley, CA	Fresno, CA	cold	96	Nevada, CA	253.4	179.1	685.0	51.6
San Joaquin Valley, CA	Fresno, CA	cold	96	Nye, NV	266.4	176.6	293.7	97.6
San Joaquin Valley, CA	Fresno, CA	cold	96	Orange, CA	646.9	305.5	12563.8	1812.5
San Joaquin Valley, CA	Fresno, CA	cold	96	Owyhee, ID	385.2	275.5	242.9	95.9
San Joaquin Valley, CA	Fresno, CA	cold	96	Pershing, NV	13.7	56.2	368.8	22.4
San Joaquin Valley, CA	Fresno, CA	cold	96	Pima, AZ	332.4	485.2	6007.9	1215.0
San Joaquin Valley, CA	Fresno, CA	cold	96	Pinal, AZ	326.9	635.5	2478.1	153.3
San Joaquin Valley, CA	Fresno, CA	cold	96	Piute, UT	54.5	30.5	33.8	13.1
San Joaquin Valley, CA	Fresno, CA	cold	96	Placer, CA	263.3	185.6	2297.2	181.3
San Joaquin Valley, CA	Fresno, CA	cold	96	Riverside, CA	574.3	460.1	11535.9	881.8
San Joaquin Valley, CA	Fresno, CA	cold	96	Sacramento, CA	446.8	377.4	6574.0	655.1
San Joaquin Valley, CA	Fresno, CA	cold	96	Salt Lake, UT	280.6	342.2	5628.5	1136.8
San Joaquin Valley, CA	Fresno, CA	cold	96	San Benito, CA	33.7	71.4	493.7	124.2
San Joaquin Valley, CA	Fresno, CA	cold	96	San Bernardino, CA	1001.5	1289.1	19133.4	751.2
San Joaquin Valley, CA	Fresno, CA	cold	96	San Diego, CA	1203.2	952.1	15603.4	1617.9
San Joaquin Valley, CA	Fresno, CA	cold	96	San Francisco, CA	275.0	176.8	4499.3	392.1
San Joaquin Valley, CA	Fresno, CA	cold	96	San Joaquin, CA	312.6	298.7	5876.7	611.5
San Joaquin Valley, CA	Fresno, CA	cold	96	San Juan, NM	188.8	1568.0	17002.3	6066.8
San Joaquin Valley, CA	Fresno, CA	cold	96	San Juan, UT	70.4	48.3	323.8	322.5
San Joaquin Valley, CA	Fresno, CA	cold	96	San Luis Obispo, CA	231.5	235.4	1875.2	800.2
San Joaquin Valley, CA	Fresno, CA	cold	96	San Mateo, CA	218.6	204.0	4138.1	512.2
San Joaquin Valley, CA	Fresno, CA	cold	96	San Miguel, CO	27.0	19.0	127.8	9.9
San Joaquin Valley, CA	Fresno, CA	cold	96	Sanpete, UT	75.7	58.7	190.8	86.9
San Joaquin Valley, CA	Fresno, CA	cold	96	Santa Barbara, CA	316.8	129.1	5429.8	2072.5
San Joaquin Valley, CA	Fresno, CA	cold	96	Santa Clara, CA	469.9	541.0	8858.4	1388.5
San Joaquin Valley, CA	Fresno, CA	cold	96	Santa Cruz, AZ	56.9	66.6	301.2	22.9
San Joaquin Valley, CA	Fresno, CA	cold	96	Santa Cruz, CA	141.1	153.8	1545.1	385.2
San Joaquin Valley, CA	Fresno, CA	cold	96	Sevier, UT	42.5	42.0	364.3	91.2
San Joaquin Valley, CA	Fresno, CA	cold	96	Sierra, CA	104.3	56.3	119.5	23.4
San Joaquin Valley, CA	Fresno, CA	cold	96	Stanislaus, CA	211.7	225.2	3765.3	421.0
San Joaquin Valley, CA	Fresno, CA	cold	96	Storey, NV	13.8	56.7	412.1	31.1
San Joaquin Valley, CA	Fresno, CA	cold	96	Sutter, CA	158.7	190.8	1164.5	37.4
San Joaquin Valley, CA	Fresno, CA	cold	96	Tooele, UT	143.7	195.7	1066.6	103.9
San Joaquin Valley, CA	Fresno, CA	cold	96	Tulare, CA	363.1	352.7	3542.5	292.4
San Joaquin Valley, CA	Fresno, CA	cold	96	Tuolumne, CA	190.4	134.6	693.8	52.8
San Joaquin Valley, CA	Fresno, CA	cold	96	Twin Falls, ID	142.6	332.2	1051.8	251.5
San Joaquin Valley, CA	Fresno, CA	cold	96	Utah, UT	136.2	179.7	2729.7	200.6
San Joaquin Valley, CA	Fresno, CA	cold	96	Ventura, CA	373.0	182.8	4439.7	602.5
San Joaquin Valley, CA	Fresno, CA	cold	96	Washington, UT	545.8	367.0	1001.2	146.0
San Joaquin Valley, CA	Fresno, CA	cold	96	Washoe, NV	212.7	310.9	2629.6	814.2
San Joaquin Valley, CA	Fresno, CA	cold	96	Wayne, UT	3.6	9.9	39.8	31.0
San Joaquin Valley, CA	Fresno, CA	cold	96	Weber, UT	74.1	99.5	1377.1	70.6
San Joaquin Valley, CA	Fresno, CA	cold	96	White Pine, NV	16.5	52.5	94.4	7.4
San Joaquin Valley, CA	Fresno, CA	cold	96	Yavapai, AZ	1147.9	743.1	2694.3	400.8
San Joaquin Valley, CA	Fresno, CA	cold	96	Yuba, CA	73.7	58.5	662.0	22.4
San Joaquin Valley, CA	Fresno, CA	cold	96	Yuma, AZ	144.7	254.6	1848.4	115.1
San Joaquin Valley, CA	Kern, CA	cold	102	Alameda, CA	532.0	491.7	10096.9	1602.1
San Joaquin Valley, CA	Kern, CA	cold	102	Alpine, CA	19.6	8.9	30.0	4.1
San Joaquin Valley, CA	Kern, CA	cold	102	Amador, CA	175.9	133.4	603.3	19.0
San Joaquin Valley, CA	Kern, CA	cold	102	Apache, AZ	141.3	539.0	6088.3	4788.8
San Joaquin Valley, CA	Kern, CA	cold	102	Beaver, UT	40.0	33.0	358.7	52.5
San Joaquin Valley, CA	Kern, CA	cold	102	Box Elder, UT	100.6	179.5	1204.2	79.7
San Joaquin Valley, CA	Kern, CA	cold	102	Calaveras, CA	127.0	88.3	452.9	9.9
San Joaquin Valley, CA	Kern, CA	cold	102	Carson, NV	73.6	69.9	292.3	301.2
San Joaquin Valley, CA	Kern, CA	cold	102	Cassia, ID	64.2	145.6	504.0	28.8
San Joaquin Valley, CA	Kern, CA	cold	102	Churchill, NV	45.6	128.7	460.7	60.9
San Joaquin Valley, CA	Kern, CA	cold	102	Clark, NV	3577.4	2704.0	16688.9	12436.4
San Joaquin Valley, CA	Kern, CA	cold	102	Cochise, AZ	114.6	256.9	3733.1	858.0
San Joaquin Valley, CA	Kern, CA	cold	102	Coconino, AZ	394.3	840.9	10660.9	1067.0
San Joaquin Valley, CA	Kern, CA	cold	102	Davis, UT	105.5	210.8	2873.6	580.1
San Joaquin Valley, CA	Kern, CA	cold	102	Dolores, CO	55.4	54.2	83.1	7.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
San Joaquin Valley, CA	Kern, CA	cold	102	Douglas, NV	78.0	168.9	508.3	168.0
San Joaquin Valley, CA	Kern, CA	cold	102	El Dorado, CA	385.5	250.3	1116.5	118.6
San Joaquin Valley, CA	Kern, CA	cold	102	Elko, NV	461.5	357.5	1491.2	177.3
San Joaquin Valley, CA	Kern, CA	cold	102	Emery, UT	42.3	557.0	6904.8	5529.9
San Joaquin Valley, CA	Kern, CA	cold	102	Esmeralda, NV	2.2	43.0	24.6	13.7
San Joaquin Valley, CA	Kern, CA	cold	102	Eureka, NV	22.9	73.4	326.0	88.2
San Joaquin Valley, CA	Kern, CA	cold	102	Fresno, CA	1045.4	863.8	8415.8	1317.0
San Joaquin Valley, CA	Kern, CA	cold	102	Garfield, UT	82.3	54.0	115.5	30.6
San Joaquin Valley, CA	Kern, CA	cold	102	Gila, AZ	452.0	309.8	460.0	4345.8
San Joaquin Valley, CA	Kern, CA	cold	102	Graham, AZ	33.7	98.4	230.7	12.7
San Joaquin Valley, CA	Kern, CA	cold	102	Grand, UT	21.7	19.1	358.5	13.4
San Joaquin Valley, CA	Kern, CA	cold	102	Harney, OR	141.8	95.7	226.2	32.5
San Joaquin Valley, CA	Kern, CA	cold	102	Humboldt, NV	88.2	180.5	2775.0	2306.1
San Joaquin Valley, CA	Kern, CA	cold	102	Imperial, CA	192.0	576.6	2876.5	501.9
San Joaquin Valley, CA	Kern, CA	cold	102	Inyo, CA	89.6	218.0	278.8	58.1
San Joaquin Valley, CA	Kern, CA	cold	102	Iron, UT	33.8	45.9	813.0	125.8
San Joaquin Valley, CA	Kern, CA	cold	102	Juab, UT	28.3	64.9	841.9	70.5
San Joaquin Valley, CA	Kern, CA	cold	102	Kane, UT	23.0	22.7	100.1	23.8
San Joaquin Valley, CA	Kern, CA	cold	102	Kern, CA	736.1	697.9	14143.2	792.3
San Joaquin Valley, CA	Kern, CA	cold	102	Kings, CA	105.6	181.2	1565.3	138.7
San Joaquin Valley, CA	Kern, CA	cold	102	La Paz, AZ	95.2	104.0	708.3	46.2
San Joaquin Valley, CA	Kern, CA	cold	102	Lake, OR	69.0	60.3	250.1	20.9
San Joaquin Valley, CA	Kern, CA	cold	102	Lander, NV	16.2	58.4	218.6	21.0
San Joaquin Valley, CA	Kern, CA	cold	102	Lassen, CA	183.8	166.5	618.0	38.0
San Joaquin Valley, CA	Kern, CA	cold	102	Lincoln, NV	1741.9	943.9	586.5	215.9
San Joaquin Valley, CA	Kern, CA	cold	102	Los Angeles, CA	2491.7	1197.7	63092.4	7308.3
San Joaquin Valley, CA	Kern, CA	cold	102	Lyon, NV	54.1	175.7	1683.6	151.8
San Joaquin Valley, CA	Kern, CA	cold	102	Madera, CA	247.6	213.8	2489.8	177.6
San Joaquin Valley, CA	Kern, CA	cold	102	Malheur, OR	187.7	304.3	701.6	235.0
San Joaquin Valley, CA	Kern, CA	cold	102	Maricopa, AZ	3238.4	2154.0	25398.5	1422.5
San Joaquin Valley, CA	Kern, CA	cold	102	Mariposa, CA	109.9	71.4	209.5	9.5
San Joaquin Valley, CA	Kern, CA	cold	102	Merced, CA	190.2	246.8	3103.5	230.6
San Joaquin Valley, CA	Kern, CA	cold	102	Mesa, CO	124.9	216.7	1440.5	794.0
San Joaquin Valley, CA	Kern, CA	cold	102	Millard, UT	81.4	451.4	6787.5	1020.4
San Joaquin Valley, CA	Kern, CA	cold	102	Mineral, NV	7.1	97.5	46.1	5.4
San Joaquin Valley, CA	Kern, CA	cold	102	Modoc, CA	68.1	72.9	385.3	15.1
San Joaquin Valley, CA	Kern, CA	cold	102	Mohave, AZ	1010.6	617.6	3159.7	293.1
San Joaquin Valley, CA	Kern, CA	cold	102	Mono, CA	68.7	129.1	178.1	6.0
San Joaquin Valley, CA	Kern, CA	cold	102	Monterey, CA	290.2	277.2	4332.5	1279.9
San Joaquin Valley, CA	Kern, CA	cold	102	Montezuma, CO	86.8	78.4	312.0	24.6
San Joaquin Valley, CA	Kern, CA	cold	102	Montrose, CO	48.2	119.3	733.9	351.8
San Joaquin Valley, CA	Kern, CA	cold	102	Navajo, AZ	189.4	713.3	5770.7	5559.2
San Joaquin Valley, CA	Kern, CA	cold	102	Nevada, CA	295.6	208.9	799.2	60.3
San Joaquin Valley, CA	Kern, CA	cold	102	Nye, NV	310.9	206.0	342.6	113.9
San Joaquin Valley, CA	Kern, CA	cold	102	Orange, CA	754.8	356.5	14657.7	2114.5
San Joaquin Valley, CA	Kern, CA	cold	102	Owyhee, ID	449.4	321.5	283.4	111.9
San Joaquin Valley, CA	Kern, CA	cold	102	Pershing, NV	16.0	65.6	430.3	26.1
San Joaquin Valley, CA	Kern, CA	cold	102	Pima, AZ	387.8	566.1	7009.3	1417.4
San Joaquin Valley, CA	Kern, CA	cold	102	Pinal, AZ	381.4	741.4	2891.2	178.9
San Joaquin Valley, CA	Kern, CA	cold	102	Piute, UT	63.5	35.6	39.4	15.2
San Joaquin Valley, CA	Kern, CA	cold	102	Placer, CA	307.1	216.6	2680.1	211.5
San Joaquin Valley, CA	Kern, CA	cold	102	Riverside, CA	670.0	536.8	13458.6	1028.8
San Joaquin Valley, CA	Kern, CA	cold	102	Sacramento, CA	521.2	440.3	7669.7	764.3
San Joaquin Valley, CA	Kern, CA	cold	102	Salt Lake, UT	327.4	399.3	6566.6	1326.3
San Joaquin Valley, CA	Kern, CA	cold	102	San Benito, CA	39.3	83.3	576.0	144.9
San Joaquin Valley, CA	Kern, CA	cold	102	San Bernardino, CA	1168.4	1504.0	22322.3	876.4
San Joaquin Valley, CA	Kern, CA	cold	102	San Diego, CA	1403.7	1110.7	18204.0	1887.5
San Joaquin Valley, CA	Kern, CA	cold	102	San Francisco, CA	320.8	206.3	5249.2	457.5
San Joaquin Valley, CA	Kern, CA	cold	102	San Joaquin, CA	364.6	348.5	6856.1	713.4
San Joaquin Valley, CA	Kern, CA	cold	102	San Juan, NM	220.3	1829.3	19836.1	7077.9
San Joaquin Valley, CA	Kern, CA	cold	102	San Juan, UT	82.1	56.4	377.7	376.3
San Joaquin Valley, CA	Kern, CA	cold	102	San Luis Obispo, CA	270.0	274.6	2187.7	933.6
San Joaquin Valley, CA	Kern, CA	cold	102	San Mateo, CA	255.0	238.0	4827.8	597.6
San Joaquin Valley, CA	Kern, CA	cold	102	San Miguel, CO	31.5	22.2	149.2	11.5
San Joaquin Valley, CA	Kern, CA	cold	102	Sanpete, UT	88.3	68.5	222.6	101.4
San Joaquin Valley, CA	Kern, CA	cold	102	Santa Barbara, CA	369.6	150.7	6334.7	2417.9
San Joaquin Valley, CA	Kern, CA	cold	102	Santa Clara, CA	548.3	631.1	10334.8	1619.9
San Joaquin Valley, CA	Kern, CA	cold	102	Santa Cruz, AZ	66.4	77.7	351.4	26.7
San Joaquin Valley, CA	Kern, CA	cold	102	Santa Cruz, CA	164.6	179.4	1802.6	449.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
San Joaquin Valley, CA	Kern, CA	cold	102	Sevier, UT	49.6	49.0	425.0	106.4
San Joaquin Valley, CA	Kern, CA	cold	102	Sierra, CA	121.6	65.6	139.4	27.3
San Joaquin Valley, CA	Kern, CA	cold	102	Stanislaus, CA	246.9	262.8	4392.8	491.2
San Joaquin Valley, CA	Kern, CA	cold	102	Storey, NV	16.1	66.2	480.8	36.3
San Joaquin Valley, CA	Kern, CA	cold	102	Sutter, CA	185.2	222.6	1358.6	43.7
San Joaquin Valley, CA	Kern, CA	cold	102	Tooele, UT	167.6	228.3	1244.4	121.2
San Joaquin Valley, CA	Kern, CA	cold	102	Tulare, CA	423.7	411.4	4132.9	341.2
San Joaquin Valley, CA	Kern, CA	cold	102	Tuolumne, CA	222.1	157.1	809.4	61.6
San Joaquin Valley, CA	Kern, CA	cold	102	Twin Falls, ID	166.4	387.6	1227.1	293.4
San Joaquin Valley, CA	Kern, CA	cold	102	Utah, UT	158.9	209.7	3184.6	234.0
San Joaquin Valley, CA	Kern, CA	cold	102	Ventura, CA	435.2	213.3	5179.6	702.9
San Joaquin Valley, CA	Kern, CA	cold	102	Washington, UT	636.7	428.2	1168.0	170.3
San Joaquin Valley, CA	Kern, CA	cold	102	Washoe, NV	248.2	362.7	3067.9	949.9
San Joaquin Valley, CA	Kern, CA	cold	102	Wayne, UT	4.2	11.5	46.5	36.2
San Joaquin Valley, CA	Kern, CA	cold	102	Weber, UT	86.5	116.1	1606.6	82.3
San Joaquin Valley, CA	Kern, CA	cold	102	White Pine, NV	19.2	61.3	110.1	8.6
San Joaquin Valley, CA	Kern, CA	cold	102	Yavapai, AZ	1339.2	866.9	3143.3	467.6
San Joaquin Valley, CA	Kern, CA	cold	102	Yuba, CA	86.0	68.2	772.4	26.1
San Joaquin Valley, CA	Kern, CA	cold	102	Yuma, AZ	168.9	297.1	2156.4	134.3
San Joaquin Valley, CA	Kern, CA	warm	1	Alameda, CA	15.0	13.9	285.5	45.3
San Joaquin Valley, CA	Kern, CA	warm	1	Alpine, CA	0.6	0.3	0.8	0.1
San Joaquin Valley, CA	Kern, CA	warm	1	Amador, CA	5.0	3.8	17.1	0.5
San Joaquin Valley, CA	Kern, CA	warm	1	Apache, AZ	4.0	15.2	172.2	135.4
San Joaquin Valley, CA	Kern, CA	warm	1	Beaver, UT	1.1	0.9	10.1	1.5
San Joaquin Valley, CA	Kern, CA	warm	1	Box Elder, UT	2.8	5.1	34.1	2.3
San Joaquin Valley, CA	Kern, CA	warm	1	Calaveras, CA	3.6	2.5	12.8	0.3
San Joaquin Valley, CA	Kern, CA	warm	1	Carson, NV	2.1	2.0	8.3	8.5
San Joaquin Valley, CA	Kern, CA	warm	1	Cassia, ID	1.8	4.1	14.3	0.8
San Joaquin Valley, CA	Kern, CA	warm	1	Churchill, NV	1.3	3.6	13.0	1.7
San Joaquin Valley, CA	Kern, CA	warm	1	Clark, NV	101.2	76.5	471.9	351.7
San Joaquin Valley, CA	Kern, CA	warm	1	Cochise, AZ	3.2	7.3	105.6	24.3
San Joaquin Valley, CA	Kern, CA	warm	1	Coconino, AZ	11.1	23.8	301.5	30.2
San Joaquin Valley, CA	Kern, CA	warm	1	Davis, UT	3.0	6.0	81.3	16.4
San Joaquin Valley, CA	Kern, CA	warm	1	Dolores, CO	1.6	1.5	2.3	0.2
San Joaquin Valley, CA	Kern, CA	warm	1	Douglas, NV	2.2	4.8	14.4	4.8
San Joaquin Valley, CA	Kern, CA	warm	1	El Dorado, CA	10.9	7.1	31.6	3.4
San Joaquin Valley, CA	Kern, CA	warm	1	Elko, NV	13.1	10.1	42.2	5.0
San Joaquin Valley, CA	Kern, CA	warm	1	Emery, UT	1.2	15.8	195.3	156.4
San Joaquin Valley, CA	Kern, CA	warm	1	Esmeralda, NV	0.1	1.2	0.7	0.4
San Joaquin Valley, CA	Kern, CA	warm	1	Eureka, NV	0.6	2.1	9.2	2.5
San Joaquin Valley, CA	Kern, CA	warm	1	Fresno, CA	29.6	24.4	238.0	37.2
San Joaquin Valley, CA	Kern, CA	warm	1	Garfield, UT	2.3	1.5	3.3	0.9
San Joaquin Valley, CA	Kern, CA	warm	1	Gila, AZ	12.8	8.8	13.0	122.9
San Joaquin Valley, CA	Kern, CA	warm	1	Graham, AZ	1.0	2.8	6.5	0.4
San Joaquin Valley, CA	Kern, CA	warm	1	Grand, UT	0.6	0.5	10.1	0.4
San Joaquin Valley, CA	Kern, CA	warm	1	Harney, OR	4.0	2.7	6.4	0.9
San Joaquin Valley, CA	Kern, CA	warm	1	Humboldt, NV	2.5	5.1	78.5	65.2
San Joaquin Valley, CA	Kern, CA	warm	1	Imperial, CA	5.4	16.3	81.3	14.2
San Joaquin Valley, CA	Kern, CA	warm	1	Inyo, CA	2.5	6.2	7.9	1.6
San Joaquin Valley, CA	Kern, CA	warm	1	Iron, UT	1.0	1.3	23.0	3.6
San Joaquin Valley, CA	Kern, CA	warm	1	Juab, UT	0.8	1.8	23.8	2.0
San Joaquin Valley, CA	Kern, CA	warm	1	Kane, UT	0.7	0.6	2.8	0.7
San Joaquin Valley, CA	Kern, CA	warm	1	Kern, CA	20.8	19.7	399.9	22.4
San Joaquin Valley, CA	Kern, CA	warm	1	Kings, CA	3.0	5.1	44.3	3.9
San Joaquin Valley, CA	Kern, CA	warm	1	La Paz, AZ	2.7	2.9	20.0	1.3
San Joaquin Valley, CA	Kern, CA	warm	1	Lake, OR	2.0	1.7	7.1	0.6
San Joaquin Valley, CA	Kern, CA	warm	1	Lander, NV	0.5	1.7	6.2	0.6
San Joaquin Valley, CA	Kern, CA	warm	1	Lassen, CA	5.2	4.7	17.5	1.1
San Joaquin Valley, CA	Kern, CA	warm	1	Lincoln, NV	49.3	26.7	16.6	6.1
San Joaquin Valley, CA	Kern, CA	warm	1	Los Angeles, CA	70.5	33.9	1784.1	206.7
San Joaquin Valley, CA	Kern, CA	warm	1	Lyon, NV	1.5	5.0	47.6	4.3
San Joaquin Valley, CA	Kern, CA	warm	1	Madera, CA	7.0	6.0	70.4	5.0
San Joaquin Valley, CA	Kern, CA	warm	1	Malheur, OR	5.3	8.6	19.8	6.6
San Joaquin Valley, CA	Kern, CA	warm	1	Maricopa, AZ	91.6	60.9	718.2	40.2
San Joaquin Valley, CA	Kern, CA	warm	1	Mariposa, CA	3.1	2.0	5.9	0.3
San Joaquin Valley, CA	Kern, CA	warm	1	Merced, CA	5.4	7.0	87.8	6.5
San Joaquin Valley, CA	Kern, CA	warm	1	Mesa, CO	3.5	6.1	40.7	22.5
San Joaquin Valley, CA	Kern, CA	warm	1	Millard, UT	2.3	12.8	191.9	28.9
San Joaquin Valley, CA	Kern, CA	warm	1	Mineral, NV	0.2	2.8	1.3	0.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
San Joaquin Valley, CA	Kern, CA	warm	1	Modoc, CA	1.9	2.1	10.9	0.4
San Joaquin Valley, CA	Kern, CA	warm	1	Mohave, AZ	28.6	17.5	89.4	8.3
San Joaquin Valley, CA	Kern, CA	warm	1	Mono, CA	1.9	3.7	5.0	0.2
San Joaquin Valley, CA	Kern, CA	warm	1	Monterey, CA	8.2	7.8	122.5	36.2
San Joaquin Valley, CA	Kern, CA	warm	1	Montezuma, CO	2.5	2.2	8.8	0.7
San Joaquin Valley, CA	Kern, CA	warm	1	Montrose, CO	1.4	3.4	20.8	9.9
San Joaquin Valley, CA	Kern, CA	warm	1	Navajo, AZ	5.4	20.2	163.2	157.2
San Joaquin Valley, CA	Kern, CA	warm	1	Nevada, CA	8.4	5.9	22.6	1.7
San Joaquin Valley, CA	Kern, CA	warm	1	Nye, NV	8.8	5.8	9.7	3.2
San Joaquin Valley, CA	Kern, CA	warm	1	Orange, CA	21.3	10.1	414.5	59.8
San Joaquin Valley, CA	Kern, CA	warm	1	Owyhee, ID	12.7	9.1	8.0	3.2
San Joaquin Valley, CA	Kern, CA	warm	1	Pershing, NV	0.5	1.9	12.2	0.7
San Joaquin Valley, CA	Kern, CA	warm	1	Pima, AZ	11.0	16.0	198.2	40.1
San Joaquin Valley, CA	Kern, CA	warm	1	Pinal, AZ	10.8	21.0	81.8	5.1
San Joaquin Valley, CA	Kern, CA	warm	1	Piute, UT	1.8	1.0	1.1	0.4
San Joaquin Valley, CA	Kern, CA	warm	1	Placer, CA	8.7	6.1	75.8	6.0
San Joaquin Valley, CA	Kern, CA	warm	1	Riverside, CA	18.9	15.2	380.6	29.1
San Joaquin Valley, CA	Kern, CA	warm	1	Sacramento, CA	14.7	12.4	216.9	21.6
San Joaquin Valley, CA	Kern, CA	warm	1	Salt Lake, UT	9.3	11.3	185.7	37.5
San Joaquin Valley, CA	Kern, CA	warm	1	San Benito, CA	1.1	2.4	16.3	4.1
San Joaquin Valley, CA	Kern, CA	warm	1	San Bernardino, CA	33.0	42.5	631.2	24.8
San Joaquin Valley, CA	Kern, CA	warm	1	San Diego, CA	39.7	31.4	514.8	53.4
San Joaquin Valley, CA	Kern, CA	warm	1	San Francisco, CA	9.1	5.8	148.4	12.9
San Joaquin Valley, CA	Kern, CA	warm	1	San Joaquin, CA	10.3	9.9	193.9	20.2
San Joaquin Valley, CA	Kern, CA	warm	1	San Juan, NM	6.2	51.7	560.9	200.1
San Joaquin Valley, CA	Kern, CA	warm	1	San Juan, UT	2.3	1.6	10.7	10.6
San Joaquin Valley, CA	Kern, CA	warm	1	San Luis Obispo, CA	7.6	7.8	61.9	26.4
San Joaquin Valley, CA	Kern, CA	warm	1	San Mateo, CA	7.2	6.7	136.5	16.9
San Joaquin Valley, CA	Kern, CA	warm	1	San Miguel, CO	0.9	0.6	4.2	0.3
San Joaquin Valley, CA	Kern, CA	warm	1	Sanpete, UT	2.5	1.9	6.3	2.9
San Joaquin Valley, CA	Kern, CA	warm	1	Santa Barbara, CA	10.5	4.3	179.1	68.4
San Joaquin Valley, CA	Kern, CA	warm	1	Santa Clara, CA	15.5	17.8	292.2	45.8
San Joaquin Valley, CA	Kern, CA	warm	1	Santa Cruz, AZ	1.9	2.2	9.9	0.8
San Joaquin Valley, CA	Kern, CA	warm	1	Santa Cruz, CA	4.7	5.1	51.0	12.7
San Joaquin Valley, CA	Kern, CA	warm	1	Sevier, UT	1.4	1.4	12.0	3.0
San Joaquin Valley, CA	Kern, CA	warm	1	Sierra, CA	3.4	1.9	3.9	0.8
San Joaquin Valley, CA	Kern, CA	warm	1	Stanislaus, CA	7.0	7.4	124.2	13.9
San Joaquin Valley, CA	Kern, CA	warm	1	Storey, NV	0.5	1.9	13.6	1.0
San Joaquin Valley, CA	Kern, CA	warm	1	Sutter, CA	5.2	6.3	38.4	1.2
San Joaquin Valley, CA	Kern, CA	warm	1	Tooele, UT	4.7	6.5	35.2	3.4
San Joaquin Valley, CA	Kern, CA	warm	1	Tulare, CA	12.0	11.6	116.9	9.6
San Joaquin Valley, CA	Kern, CA	warm	1	Tuolumne, CA	6.3	4.4	22.9	1.7
San Joaquin Valley, CA	Kern, CA	warm	1	Twin Falls, ID	4.7	11.0	34.7	8.3
San Joaquin Valley, CA	Kern, CA	warm	1	Utah, UT	4.5	5.9	90.1	6.6
San Joaquin Valley, CA	Kern, CA	warm	1	Ventura, CA	12.3	6.0	146.5	19.9
San Joaquin Valley, CA	Kern, CA	warm	1	Washington, UT	18.0	12.1	33.0	4.8
San Joaquin Valley, CA	Kern, CA	warm	1	Washoe, NV	7.0	10.3	86.8	26.9
San Joaquin Valley, CA	Kern, CA	warm	1	Wayne, UT	0.1	0.3	1.3	1.0
San Joaquin Valley, CA	Kern, CA	warm	1	Weber, UT	2.4	3.3	45.4	2.3
San Joaquin Valley, CA	Kern, CA	warm	1	White Pine, NV	0.5	1.7	3.1	0.2
San Joaquin Valley, CA	Kern, CA	warm	1	Yavapai, AZ	37.9	24.5	88.9	13.2
San Joaquin Valley, CA	Kern, CA	warm	1	Yuba, CA	2.4	1.9	21.8	0.7
San Joaquin Valley, CA	Kern, CA	warm	1	Yuma, AZ	4.8	8.4	61.0	3.8
San Joaquin Valley, CA	Kings, CA	cold	30	Alameda, CA	325.7	301.0	6181.8	980.9
San Joaquin Valley, CA	Kings, CA	cold	30	Alpine, CA	12.0	5.5	18.3	2.5
San Joaquin Valley, CA	Kings, CA	cold	30	Amador, CA	107.7	81.7	369.4	11.7
San Joaquin Valley, CA	Kings, CA	cold	30	Apache, AZ	86.5	330.0	3727.5	2931.9
San Joaquin Valley, CA	Kings, CA	cold	30	Beaver, UT	24.5	20.2	219.6	32.1
San Joaquin Valley, CA	Kings, CA	cold	30	Box Elder, UT	61.6	109.9	737.2	48.8
San Joaquin Valley, CA	Kings, CA	cold	30	Calaveras, CA	77.8	54.1	277.3	6.0
San Joaquin Valley, CA	Kings, CA	cold	30	Carson, NV	45.0	42.8	178.9	184.4
San Joaquin Valley, CA	Kings, CA	cold	30	Cassia, ID	39.3	89.2	308.6	17.6
San Joaquin Valley, CA	Kings, CA	cold	30	Churchill, NV	27.9	78.8	282.1	37.3
San Joaquin Valley, CA	Kings, CA	cold	30	Clark, NV	2190.3	1655.5	10217.7	7614.1
San Joaquin Valley, CA	Kings, CA	cold	30	Cochise, AZ	70.2	157.3	2285.6	525.3
San Joaquin Valley, CA	Kings, CA	cold	30	Coconino, AZ	241.4	514.8	6527.1	653.3
San Joaquin Valley, CA	Kings, CA	cold	30	Davis, UT	64.6	129.0	1759.4	355.2
San Joaquin Valley, CA	Kings, CA	cold	30	Dolores, CO	33.9	33.2	50.9	4.3
San Joaquin Valley, CA	Kings, CA	cold	30	Douglas, NV	47.8	103.4	311.2	102.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
San Joaquin Valley, CA	Kings, CA	cold	30	El Dorado, CA	236.0	153.3	683.6	72.6
San Joaquin Valley, CA	Kings, CA	cold	30	Elko, NV	282.6	218.9	913.0	108.5
San Joaquin Valley, CA	Kings, CA	cold	30	Emery, UT	25.9	341.0	4227.4	3385.7
San Joaquin Valley, CA	Kings, CA	cold	30	Esmeralda, NV	1.3	26.3	15.1	8.4
San Joaquin Valley, CA	Kings, CA	cold	30	Eureka, NV	14.0	45.0	199.6	54.0
San Joaquin Valley, CA	Kings, CA	cold	30	Fresno, CA	640.0	528.8	5152.5	806.3
San Joaquin Valley, CA	Kings, CA	cold	30	Garfield, UT	50.4	33.1	70.7	18.8
San Joaquin Valley, CA	Kings, CA	cold	30	Gila, AZ	276.7	189.7	281.6	2660.7
San Joaquin Valley, CA	Kings, CA	cold	30	Graham, AZ	20.6	60.2	141.3	7.7
San Joaquin Valley, CA	Kings, CA	cold	30	Grand, UT	13.3	11.7	219.5	8.2
San Joaquin Valley, CA	Kings, CA	cold	30	Harney, OR	86.8	58.6	138.5	19.9
San Joaquin Valley, CA	Kings, CA	cold	30	Humboldt, NV	54.0	110.5	1699.0	1411.9
San Joaquin Valley, CA	Kings, CA	cold	30	Imperial, CA	117.5	353.0	1761.1	307.3
San Joaquin Valley, CA	Kings, CA	cold	30	Inyo, CA	54.9	133.5	170.7	35.6
San Joaquin Valley, CA	Kings, CA	cold	30	Iron, UT	20.7	28.1	497.8	77.0
San Joaquin Valley, CA	Kings, CA	cold	30	Juab, UT	17.3	39.7	515.4	43.2
San Joaquin Valley, CA	Kings, CA	cold	30	Kane, UT	14.1	13.9	61.3	14.6
San Joaquin Valley, CA	Kings, CA	cold	30	Kern, CA	450.7	427.3	8659.1	485.1
San Joaquin Valley, CA	Kings, CA	cold	30	Kings, CA	64.6	111.0	958.3	84.9
San Joaquin Valley, CA	Kings, CA	cold	30	La Paz, AZ	58.3	63.7	433.7	28.3
San Joaquin Valley, CA	Kings, CA	cold	30	Lake, OR	42.2	36.9	153.1	12.8
San Joaquin Valley, CA	Kings, CA	cold	30	Lander, NV	9.9	35.7	133.9	12.9
San Joaquin Valley, CA	Kings, CA	cold	30	Lassen, CA	112.5	102.0	378.4	23.3
San Joaquin Valley, CA	Kings, CA	cold	30	Lincoln, NV	1066.4	577.9	359.1	132.2
San Joaquin Valley, CA	Kings, CA	cold	30	Los Angeles, CA	1525.5	733.3	38628.0	4474.5
San Joaquin Valley, CA	Kings, CA	cold	30	Lyon, NV	33.1	107.6	1030.8	93.0
San Joaquin Valley, CA	Kings, CA	cold	30	Madera, CA	151.6	130.9	1524.3	108.7
San Joaquin Valley, CA	Kings, CA	cold	30	Malheur, OR	114.9	186.3	429.5	143.9
San Joaquin Valley, CA	Kings, CA	cold	30	Maricopa, AZ	1982.7	1318.8	15550.1	870.9
San Joaquin Valley, CA	Kings, CA	cold	30	Mariposa, CA	67.3	43.7	128.3	5.8
San Joaquin Valley, CA	Kings, CA	cold	30	Merced, CA	116.5	151.1	1900.1	141.2
San Joaquin Valley, CA	Kings, CA	cold	30	Mesa, CO	76.5	132.7	881.9	486.1
San Joaquin Valley, CA	Kings, CA	cold	30	Millard, UT	49.9	276.4	4155.6	624.8
San Joaquin Valley, CA	Kings, CA	cold	30	Mineral, NV	4.3	59.7	28.2	3.3
San Joaquin Valley, CA	Kings, CA	cold	30	Modoc, CA	41.7	44.7	235.9	9.2
San Joaquin Valley, CA	Kings, CA	cold	30	Mohave, AZ	618.7	378.1	1934.5	179.4
San Joaquin Valley, CA	Kings, CA	cold	30	Mono, CA	42.0	79.0	109.0	3.7
San Joaquin Valley, CA	Kings, CA	cold	30	Monterey, CA	177.7	169.7	2652.6	783.6
San Joaquin Valley, CA	Kings, CA	cold	30	Montezuma, CO	53.1	48.0	191.0	15.0
San Joaquin Valley, CA	Kings, CA	cold	30	Montrose, CO	29.5	73.0	449.3	215.4
San Joaquin Valley, CA	Kings, CA	cold	30	Navajo, AZ	116.0	436.7	3533.1	3403.6
San Joaquin Valley, CA	Kings, CA	cold	30	Nevada, CA	181.0	127.9	489.3	36.9
San Joaquin Valley, CA	Kings, CA	cold	30	Nye, NV	190.3	126.1	209.8	69.7
San Joaquin Valley, CA	Kings, CA	cold	30	Orange, CA	462.1	218.2	8974.1	1294.6
San Joaquin Valley, CA	Kings, CA	cold	30	Owyhee, ID	275.1	196.8	173.5	68.5
San Joaquin Valley, CA	Kings, CA	cold	30	Pershing, NV	9.8	40.2	263.4	16.0
San Joaquin Valley, CA	Kings, CA	cold	30	Pima, AZ	237.4	346.6	4291.4	867.8
San Joaquin Valley, CA	Kings, CA	cold	30	Pinal, AZ	233.5	453.9	1770.1	109.5
San Joaquin Valley, CA	Kings, CA	cold	30	Piute, UT	38.9	21.8	24.1	9.3
San Joaquin Valley, CA	Kings, CA	cold	30	Placer, CA	188.0	132.6	1640.9	129.5
San Joaquin Valley, CA	Kings, CA	cold	30	Riverside, CA	410.2	328.6	8239.9	629.9
San Joaquin Valley, CA	Kings, CA	cold	30	Sacramento, CA	319.1	269.5	4695.7	467.9
San Joaquin Valley, CA	Kings, CA	cold	30	Salt Lake, UT	200.4	244.5	4020.4	812.0
San Joaquin Valley, CA	Kings, CA	cold	30	San Benito, CA	24.1	51.0	352.7	88.7
San Joaquin Valley, CA	Kings, CA	cold	30	San Bernardino, CA	715.3	920.8	13666.7	536.6
San Joaquin Valley, CA	Kings, CA	cold	30	San Diego, CA	859.4	680.0	11145.3	1155.6
San Joaquin Valley, CA	Kings, CA	cold	30	San Francisco, CA	196.4	126.3	3213.8	280.1
San Joaquin Valley, CA	Kings, CA	cold	30	San Joaquin, CA	223.3	213.4	4197.6	436.8
San Joaquin Valley, CA	Kings, CA	cold	30	San Juan, NM	134.9	1120.0	12144.5	4333.4
San Joaquin Valley, CA	Kings, CA	cold	30	San Juan, UT	50.3	34.5	231.3	230.4
San Joaquin Valley, CA	Kings, CA	cold	30	San Luis Obispo, CA	165.3	168.1	1339.4	571.6
San Joaquin Valley, CA	Kings, CA	cold	30	San Mateo, CA	156.1	145.7	2955.8	365.9
San Joaquin Valley, CA	Kings, CA	cold	30	San Miguel, CO	19.3	13.6	91.3	7.0
San Joaquin Valley, CA	Kings, CA	cold	30	Sanpete, UT	54.1	41.9	136.3	62.1
San Joaquin Valley, CA	Kings, CA	cold	30	Santa Barbara, CA	226.3	92.2	3878.4	1480.4
San Joaquin Valley, CA	Kings, CA	cold	30	Santa Clara, CA	335.7	386.4	6327.5	991.8
San Joaquin Valley, CA	Kings, CA	cold	30	Santa Cruz, AZ	40.6	47.5	215.2	16.4
San Joaquin Valley, CA	Kings, CA	cold	30	Santa Cruz, CA	100.8	109.9	1103.7	275.2
San Joaquin Valley, CA	Kings, CA	cold	30	Sevier, UT	30.3	30.0	260.2	65.1

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
San Joaquin Valley, CA	Kings, CA	cold	30	Sierra, CA	74.5	40.2	85.4	16.7
San Joaquin Valley, CA	Kings, CA	cold	30	Stanislaus, CA	151.2	160.9	2689.5	300.7
San Joaquin Valley, CA	Kings, CA	cold	30	Storey, NV	9.8	40.5	294.4	22.2
San Joaquin Valley, CA	Kings, CA	cold	30	Sutter, CA	113.4	136.3	831.8	26.7
San Joaquin Valley, CA	Kings, CA	cold	30	Tooele, UT	102.6	139.8	761.9	74.2
San Joaquin Valley, CA	Kings, CA	cold	30	Tulare, CA	259.4	251.9	2530.3	208.9
San Joaquin Valley, CA	Kings, CA	cold	30	Tuolumne, CA	136.0	96.2	495.6	37.7
San Joaquin Valley, CA	Kings, CA	cold	30	Twin Falls, ID	101.9	237.3	751.3	179.7
San Joaquin Valley, CA	Kings, CA	cold	30	Utah, UT	97.3	128.4	1949.8	143.3
San Joaquin Valley, CA	Kings, CA	cold	30	Ventura, CA	266.5	130.6	3171.2	430.4
San Joaquin Valley, CA	Kings, CA	cold	30	Washington, UT	389.8	262.1	715.1	104.3
San Joaquin Valley, CA	Kings, CA	cold	30	Washoe, NV	152.0	222.1	1878.3	581.6
San Joaquin Valley, CA	Kings, CA	cold	30	Wayne, UT	2.6	7.1	28.5	22.2
San Joaquin Valley, CA	Kings, CA	cold	30	Weber, UT	53.0	71.1	983.6	50.4
San Joaquin Valley, CA	Kings, CA	cold	30	White Pine, NV	11.8	37.5	67.4	5.3
San Joaquin Valley, CA	Kings, CA	cold	30	Yavapai, AZ	819.9	530.8	1924.5	286.3
San Joaquin Valley, CA	Kings, CA	cold	30	Yuba, CA	52.7	41.8	472.9	16.0
San Joaquin Valley, CA	Kings, CA	cold	30	Yuma, AZ	103.4	181.9	1320.3	82.2
San Joaquin Valley, CA	Merced, CA	cold	22	Alameda, CA	238.8	220.8	4533.3	719.3
San Joaquin Valley, CA	Merced, CA	cold	22	Alpine, CA	8.8	4.0	13.4	1.8
San Joaquin Valley, CA	Merced, CA	cold	22	Amador, CA	79.0	59.9	270.9	8.5
San Joaquin Valley, CA	Merced, CA	cold	22	Apache, AZ	63.4	242.0	2733.5	2150.1
San Joaquin Valley, CA	Merced, CA	cold	22	Beaver, UT	18.0	14.8	161.1	23.6
San Joaquin Valley, CA	Merced, CA	cold	22	Box Elder, UT	45.2	80.6	540.6	35.8
San Joaquin Valley, CA	Merced, CA	cold	22	Calaveras, CA	57.0	39.6	203.3	4.4
San Joaquin Valley, CA	Merced, CA	cold	22	Carson, NV	33.0	31.4	131.2	135.2
San Joaquin Valley, CA	Merced, CA	cold	22	Cassia, ID	28.8	65.4	226.3	12.9
San Joaquin Valley, CA	Merced, CA	cold	22	Churchill, NV	20.5	57.8	206.9	27.4
San Joaquin Valley, CA	Merced, CA	cold	22	Clark, NV	1606.2	1214.0	7493.0	5583.7
San Joaquin Valley, CA	Merced, CA	cold	22	Cochise, AZ	51.5	115.4	1676.1	385.2
San Joaquin Valley, CA	Merced, CA	cold	22	Coconino, AZ	177.0	377.5	4786.5	479.1
San Joaquin Valley, CA	Merced, CA	cold	22	Davis, UT	47.4	94.6	1290.2	260.4
San Joaquin Valley, CA	Merced, CA	cold	22	Dolores, CO	24.9	24.3	37.3	3.1
San Joaquin Valley, CA	Merced, CA	cold	22	Douglas, NV	35.0	75.9	228.2	75.4
San Joaquin Valley, CA	Merced, CA	cold	22	El Dorado, CA	173.1	112.4	501.3	53.3
San Joaquin Valley, CA	Merced, CA	cold	22	Elko, NV	207.2	160.5	669.5	79.6
San Joaquin Valley, CA	Merced, CA	cold	22	Emery, UT	19.0	250.1	3100.1	2482.8
San Joaquin Valley, CA	Merced, CA	cold	22	Esmeralda, NV	1.0	19.3	11.1	6.1
San Joaquin Valley, CA	Merced, CA	cold	22	Eureka, NV	10.3	33.0	146.4	39.6
San Joaquin Valley, CA	Merced, CA	cold	22	Fresno, CA	469.4	387.8	3778.5	591.3
San Joaquin Valley, CA	Merced, CA	cold	22	Garfield, UT	37.0	24.2	51.9	13.8
San Joaquin Valley, CA	Merced, CA	cold	22	Gila, AZ	202.9	139.1	206.5	1951.2
San Joaquin Valley, CA	Merced, CA	cold	22	Graham, AZ	15.1	44.2	103.6	5.7
San Joaquin Valley, CA	Merced, CA	cold	22	Grand, UT	9.7	8.6	160.9	6.0
San Joaquin Valley, CA	Merced, CA	cold	22	Harney, OR	63.7	43.0	101.6	14.6
San Joaquin Valley, CA	Merced, CA	cold	22	Humboldt, NV	39.6	81.0	1245.9	1035.4
San Joaquin Valley, CA	Merced, CA	cold	22	Imperial, CA	86.2	258.9	1291.5	225.3
San Joaquin Valley, CA	Merced, CA	cold	22	Inyo, CA	40.2	97.9	125.2	26.1
San Joaquin Valley, CA	Merced, CA	cold	22	Iron, UT	15.2	20.6	365.0	56.5
San Joaquin Valley, CA	Merced, CA	cold	22	Juab, UT	12.7	29.1	378.0	31.7
San Joaquin Valley, CA	Merced, CA	cold	22	Kane, UT	10.3	10.2	45.0	10.7
San Joaquin Valley, CA	Merced, CA	cold	22	Kern, CA	330.5	313.3	6350.0	355.7
San Joaquin Valley, CA	Merced, CA	cold	22	Kings, CA	47.4	81.4	702.8	62.3
San Joaquin Valley, CA	Merced, CA	cold	22	La Paz, AZ	42.8	46.7	318.0	20.8
San Joaquin Valley, CA	Merced, CA	cold	22	Lake, OR	31.0	27.1	112.3	9.4
San Joaquin Valley, CA	Merced, CA	cold	22	Lander, NV	7.3	26.2	98.2	9.4
San Joaquin Valley, CA	Merced, CA	cold	22	Lassen, CA	82.5	74.8	277.5	17.1
San Joaquin Valley, CA	Merced, CA	cold	22	Lincoln, NV	782.1	423.8	263.3	96.9
San Joaquin Valley, CA	Merced, CA	cold	22	Los Angeles, CA	1118.7	537.8	28327.2	3281.3
San Joaquin Valley, CA	Merced, CA	cold	22	Lyon, NV	24.3	78.9	755.9	68.2
San Joaquin Valley, CA	Merced, CA	cold	22	Madera, CA	111.2	96.0	1117.9	79.7
San Joaquin Valley, CA	Merced, CA	cold	22	Malheur, OR	84.3	136.6	315.0	105.5
San Joaquin Valley, CA	Merced, CA	cold	22	Maricopa, AZ	1454.0	967.1	11403.4	638.7
San Joaquin Valley, CA	Merced, CA	cold	22	Mariposa, CA	49.4	32.1	94.1	4.3
San Joaquin Valley, CA	Merced, CA	cold	22	Merced, CA	85.4	110.8	1393.4	103.5
San Joaquin Valley, CA	Merced, CA	cold	22	Mesa, CO	56.1	97.3	646.8	356.5
San Joaquin Valley, CA	Merced, CA	cold	22	Millard, UT	36.6	202.7	3047.5	458.2
San Joaquin Valley, CA	Merced, CA	cold	22	Mineral, NV	3.2	43.8	20.7	2.4
San Joaquin Valley, CA	Merced, CA	cold	22	Modoc, CA	30.6	32.8	173.0	6.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
San Joaquin Valley, CA	Merced, CA	cold	22	Mohave, AZ	453.7	277.3	1418.7	131.6
San Joaquin Valley, CA	Merced, CA	cold	22	Mono, CA	30.8	58.0	79.9	2.7
San Joaquin Valley, CA	Merced, CA	cold	22	Monterey, CA	130.3	124.5	1945.2	574.7
San Joaquin Valley, CA	Merced, CA	cold	22	Montezuma, CO	39.0	35.2	140.1	11.0
San Joaquin Valley, CA	Merced, CA	cold	22	Montrose, CO	21.6	53.6	329.5	157.9
San Joaquin Valley, CA	Merced, CA	cold	22	Navajo, AZ	85.1	320.2	2590.9	2496.0
San Joaquin Valley, CA	Merced, CA	cold	22	Nevada, CA	132.7	93.8	358.8	27.1
San Joaquin Valley, CA	Merced, CA	cold	22	Nye, NV	139.6	92.5	153.8	51.1
San Joaquin Valley, CA	Merced, CA	cold	22	Orange, CA	338.9	160.0	6581.0	949.4
San Joaquin Valley, CA	Merced, CA	cold	22	Owyhee, ID	201.7	144.3	127.2	50.3
San Joaquin Valley, CA	Merced, CA	cold	22	Pershing, NV	7.2	29.5	193.2	11.7
San Joaquin Valley, CA	Merced, CA	cold	22	Pima, AZ	174.1	254.2	3147.0	636.4
San Joaquin Valley, CA	Merced, CA	cold	22	Pinal, AZ	171.2	332.9	1298.1	80.3
San Joaquin Valley, CA	Merced, CA	cold	22	Piute, UT	28.5	16.0	17.7	6.8
San Joaquin Valley, CA	Merced, CA	cold	22	Placer, CA	137.9	97.2	1203.3	94.9
San Joaquin Valley, CA	Merced, CA	cold	22	Riverside, CA	300.8	241.0	6042.6	461.9
San Joaquin Valley, CA	Merced, CA	cold	22	Sacramento, CA	234.0	197.7	3443.5	343.1
San Joaquin Valley, CA	Merced, CA	cold	22	Salt Lake, UT	147.0	179.3	2948.3	595.5
San Joaquin Valley, CA	Merced, CA	cold	22	San Benito, CA	17.7	37.4	258.6	65.1
San Joaquin Valley, CA	Merced, CA	cold	22	San Bernardino, CA	524.6	675.3	10022.3	393.5
San Joaquin Valley, CA	Merced, CA	cold	22	San Diego, CA	630.3	498.7	8173.2	847.5
San Joaquin Valley, CA	Merced, CA	cold	22	San Francisco, CA	144.1	92.6	2356.8	205.4
San Joaquin Valley, CA	Merced, CA	cold	22	San Joaquin, CA	163.7	156.5	3078.3	320.3
San Joaquin Valley, CA	Merced, CA	cold	22	San Juan, NM	98.9	821.3	8906.0	3177.8
San Joaquin Valley, CA	Merced, CA	cold	22	San Juan, UT	36.9	25.3	169.6	168.9
San Joaquin Valley, CA	Merced, CA	cold	22	San Luis Obispo, CA	121.2	123.3	982.2	419.2
San Joaquin Valley, CA	Merced, CA	cold	22	San Mateo, CA	114.5	106.8	2167.6	268.3
San Joaquin Valley, CA	Merced, CA	cold	22	San Miguel, CO	14.1	10.0	67.0	5.2
San Joaquin Valley, CA	Merced, CA	cold	22	Sanpete, UT	39.7	30.8	99.9	45.5
San Joaquin Valley, CA	Merced, CA	cold	22	Santa Barbara, CA	166.0	67.6	2844.2	1085.6
San Joaquin Valley, CA	Merced, CA	cold	22	Santa Clara, CA	246.2	283.4	4640.1	727.3
San Joaquin Valley, CA	Merced, CA	cold	22	Santa Cruz, AZ	29.8	34.9	157.8	12.0
San Joaquin Valley, CA	Merced, CA	cold	22	Santa Cruz, CA	73.9	80.6	809.3	201.8
San Joaquin Valley, CA	Merced, CA	cold	22	Sevier, UT	22.3	22.0	190.8	47.8
San Joaquin Valley, CA	Merced, CA	cold	22	Sierra, CA	54.6	29.5	62.6	12.3
San Joaquin Valley, CA	Merced, CA	cold	22	Stanislaus, CA	110.9	118.0	1972.3	220.5
San Joaquin Valley, CA	Merced, CA	cold	22	Storey, NV	7.2	29.7	215.9	16.3
San Joaquin Valley, CA	Merced, CA	cold	22	Sutter, CA	83.1	99.9	610.0	19.6
San Joaquin Valley, CA	Merced, CA	cold	22	Tooele, UT	75.3	102.5	558.7	54.4
San Joaquin Valley, CA	Merced, CA	cold	22	Tulare, CA	190.2	184.7	1855.6	153.2
San Joaquin Valley, CA	Merced, CA	cold	22	Tuolumne, CA	99.7	70.5	363.4	27.7
San Joaquin Valley, CA	Merced, CA	cold	22	Twin Falls, ID	74.7	174.0	550.9	131.8
San Joaquin Valley, CA	Merced, CA	cold	22	Utah, UT	71.4	94.1	1429.8	105.1
San Joaquin Valley, CA	Merced, CA	cold	22	Ventura, CA	195.4	95.8	2325.6	315.6
San Joaquin Valley, CA	Merced, CA	cold	22	Washington, UT	285.9	192.2	524.4	76.5
San Joaquin Valley, CA	Merced, CA	cold	22	Washoe, NV	111.4	162.8	1377.4	426.5
San Joaquin Valley, CA	Merced, CA	cold	22	Wayne, UT	1.9	5.2	20.9	16.2
San Joaquin Valley, CA	Merced, CA	cold	22	Weber, UT	38.8	52.1	721.3	37.0
San Joaquin Valley, CA	Merced, CA	cold	22	White Pine, NV	8.6	27.5	49.5	3.9
San Joaquin Valley, CA	Merced, CA	cold	22	Yavapai, AZ	601.3	389.2	1411.3	209.9
San Joaquin Valley, CA	Merced, CA	cold	22	Yuba, CA	38.6	30.6	346.8	11.7
San Joaquin Valley, CA	Merced, CA	cold	22	Yuma, AZ	75.8	133.4	968.2	60.3
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Alameda, CA	162.8	150.5	3090.9	490.4
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Alpine, CA	6.0	2.7	9.2	1.2
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Amador, CA	53.9	40.8	184.7	5.8
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Apache, AZ	43.2	165.0	1863.8	1466.0
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Beaver, UT	12.3	10.1	109.8	16.1
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Box Elder, UT	30.8	54.9	368.6	24.4
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Calaveras, CA	38.9	27.0	138.6	3.0
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Carson, NV	22.5	21.4	89.5	92.2
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Cassia, ID	19.7	44.6	154.3	8.8
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Churchill, NV	14.0	39.4	141.0	18.7
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Clark, NV	1095.1	827.8	5108.8	3807.1
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Cochise, AZ	35.1	78.6	1142.8	262.6
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Coconino, AZ	120.7	257.4	3263.5	326.6
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Davis, UT	32.3	64.5	879.7	177.6
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Dolores, CO	17.0	16.6	25.4	2.1
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Douglas, NV	23.9	51.7	155.6	51.4
San Joaquin Valley, CA	San Joaquin, CA	cold	15	El Dorado, CA	118.0	76.6	341.8	36.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Elko, NV	141.3	109.4	456.5	54.3
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Emery, UT	12.9	170.5	2113.7	1692.8
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Esmeralda, NV	0.7	13.2	7.5	4.2
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Eureka, NV	7.0	22.5	99.8	27.0
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Fresno, CA	320.0	264.4	2576.3	403.2
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Garfield, UT	25.2	16.5	35.4	9.4
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Gila, AZ	138.4	94.8	140.8	1330.3
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Graham, AZ	10.3	30.1	70.6	3.9
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Grand, UT	6.6	5.9	109.7	4.1
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Harney, OR	43.4	29.3	69.3	9.9
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Humboldt, NV	27.0	55.3	849.5	706.0
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Imperial, CA	58.8	176.5	880.6	153.6
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Inyo, CA	27.4	66.7	85.3	17.8
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Iron, UT	10.3	14.1	248.9	38.5
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Juab, UT	8.7	19.9	257.7	21.6
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Kane, UT	7.1	6.9	30.7	7.3
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Kern, CA	225.3	213.6	4329.6	242.5
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Kings, CA	32.3	55.5	479.2	42.5
San Joaquin Valley, CA	San Joaquin, CA	cold	15	La Paz, AZ	29.1	31.8	216.8	14.2
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Lake, OR	21.1	18.4	76.6	6.4
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Lander, NV	5.0	17.9	66.9	6.4
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Lassen, CA	56.3	51.0	189.2	11.6
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Lincoln, NV	533.2	288.9	179.5	66.1
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Los Angeles, CA	762.8	366.7	19314.0	2237.2
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Lyon, NV	16.5	53.8	515.4	46.5
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Madera, CA	75.8	65.4	762.2	54.4
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Malheur, OR	57.5	93.2	214.8	71.9
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Maricopa, AZ	991.3	659.4	7775.0	435.5
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Mariposa, CA	33.7	21.9	64.1	2.9
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Merced, CA	58.2	75.5	950.0	70.6
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Mesa, CO	38.2	66.3	441.0	243.1
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Millard, UT	24.9	138.2	2077.8	312.4
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Mineral, NV	2.2	29.9	14.1	1.6
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Modoc, CA	20.8	22.3	118.0	4.6
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Mohave, AZ	309.4	189.1	967.3	89.7
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Mono, CA	21.0	39.5	54.5	1.8
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Monterey, CA	88.8	84.9	1326.3	391.8
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Montezuma, CO	26.6	24.0	95.5	7.5
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Montrose, CO	14.8	36.5	224.7	107.7
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Navajo, AZ	58.0	218.4	1766.5	1701.8
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Nevada, CA	90.5	64.0	244.6	18.4
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Nye, NV	95.2	63.1	104.9	34.9
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Orange, CA	231.0	109.1	4487.1	647.3
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Owyhee, ID	137.6	98.4	86.8	34.3
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Pershing, NV	4.9	20.1	131.7	8.0
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Pima, AZ	118.7	173.3	2145.7	433.9
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Pinal, AZ	116.7	227.0	885.0	54.8
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Piute, UT	19.4	10.9	12.1	4.7
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Placer, CA	94.0	66.3	820.4	64.7
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Riverside, CA	205.1	164.3	4120.0	314.9
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Sacramento, CA	159.6	134.8	2347.9	234.0
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Salt Lake, UT	100.2	122.2	2010.2	406.0
San Joaquin Valley, CA	San Joaquin, CA	cold	15	San Benito, CA	12.0	25.5	176.3	44.4
San Joaquin Valley, CA	San Joaquin, CA	cold	15	San Bernardino, CA	357.7	460.4	6833.4	268.3
San Joaquin Valley, CA	San Joaquin, CA	cold	15	San Diego, CA	429.7	340.0	5572.7	577.8
San Joaquin Valley, CA	San Joaquin, CA	cold	15	San Francisco, CA	98.2	63.2	1606.9	140.0
San Joaquin Valley, CA	San Joaquin, CA	cold	15	San Joaquin, CA	111.6	106.7	2098.8	218.4
San Joaquin Valley, CA	San Joaquin, CA	cold	15	San Juan, NM	67.4	560.0	6072.3	2166.7
San Joaquin Valley, CA	San Joaquin, CA	cold	15	San Juan, UT	25.1	17.3	115.6	115.2
San Joaquin Valley, CA	San Joaquin, CA	cold	15	San Luis Obispo, CA	82.7	84.1	669.7	285.8
San Joaquin Valley, CA	San Joaquin, CA	cold	15	San Mateo, CA	78.1	72.8	1477.9	182.9
San Joaquin Valley, CA	San Joaquin, CA	cold	15	San Miguel, CO	9.6	6.8	45.7	3.5
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Sanpete, UT	27.0	21.0	68.1	31.0
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Santa Barbara, CA	113.1	46.1	1939.2	740.2
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Santa Clara, CA	167.8	193.2	3163.7	495.9
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Santa Cruz, AZ	20.3	23.8	107.6	8.2
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Santa Cruz, CA	50.4	54.9	551.8	137.6
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Sevier, UT	15.2	15.0	130.1	32.6
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Sierra, CA	37.2	20.1	42.7	8.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Stanislaus, CA	75.6	80.4	1344.7	150.4
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Storey, NV	4.9	20.3	147.2	11.1
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Sutter, CA	56.7	68.1	415.9	13.4
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Tooele, UT	51.3	69.9	380.9	37.1
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Tulare, CA	129.7	125.9	1265.2	104.4
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Tuolumne, CA	68.0	48.1	247.8	18.9
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Twin Falls, ID	50.9	118.7	375.6	89.8
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Utah, UT	48.7	64.2	974.9	71.6
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Ventura, CA	133.2	65.3	1585.6	215.2
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Washington, UT	194.9	131.1	357.6	52.1
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Washoe, NV	76.0	111.0	939.2	290.8
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Wayne, UT	1.3	3.5	14.2	11.1
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Weber, UT	26.5	35.5	491.8	25.2
San Joaquin Valley, CA	San Joaquin, CA	cold	15	White Pine, NV	5.9	18.8	33.7	2.6
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Yavapai, AZ	410.0	265.4	962.2	143.1
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Yuba, CA	26.3	20.9	236.4	8.0
San Joaquin Valley, CA	San Joaquin, CA	cold	15	Yuma, AZ	51.7	90.9	660.1	41.1
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Alameda, CA	293.1	270.9	5563.6	882.8
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Alpine, CA	10.8	4.9	16.5	2.2
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Amador, CA	96.9	73.5	332.4	10.5
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Apache, AZ	77.8	297.0	3354.8	2638.7
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Beaver, UT	22.1	18.2	197.7	28.9
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Box Elder, UT	55.4	98.9	663.5	43.9
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Calaveras, CA	70.0	48.6	249.6	5.4
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Carson, NV	40.5	38.5	161.0	165.9
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Cassia, ID	35.4	80.2	277.7	15.9
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Churchill, NV	25.1	70.9	253.9	33.6
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Clark, NV	1971.2	1490.0	9195.9	6852.7
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Cochise, AZ	63.2	141.6	2057.0	472.8
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Coconino, AZ	217.2	463.3	5874.4	588.0
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Davis, UT	58.2	116.1	1583.4	319.6
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Dolores, CO	30.5	29.9	45.8	3.9
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Douglas, NV	43.0	93.1	280.1	92.6
San Joaquin Valley, CA	Stanislaus, CA	cold	27	El Dorado, CA	212.4	137.9	615.2	65.4
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Elko, NV	254.3	197.0	821.7	97.7
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Emery, UT	23.3	306.9	3804.7	3047.1
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Esmeralda, NV	1.2	23.7	13.6	7.5
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Eureka, NV	12.6	40.5	179.7	48.6
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Fresno, CA	576.0	476.0	4637.3	725.7
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Garfield, UT	45.4	29.8	63.7	16.9
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Gila, AZ	249.0	170.7	253.5	2394.6
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Graham, AZ	18.6	54.2	127.1	7.0
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Grand, UT	11.9	10.5	197.5	7.4
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Harney, OR	78.1	52.8	124.7	17.9
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Humboldt, NV	48.6	99.5	1529.1	1270.7
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Imperial, CA	105.8	317.7	1585.0	276.5
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Inyo, CA	49.4	120.1	153.6	32.0
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Iron, UT	18.6	25.3	448.0	69.3
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Juab, UT	15.6	35.7	463.9	38.9
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Kane, UT	12.7	12.5	55.2	13.1
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Kern, CA	405.6	384.6	7793.2	436.5
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Kings, CA	58.2	99.9	862.5	76.4
San Joaquin Valley, CA	Stanislaus, CA	cold	27	La Paz, AZ	52.5	57.3	390.3	25.5
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Lake, OR	38.0	33.2	137.8	11.5
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Lander, NV	8.9	32.2	120.5	11.6
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Lassen, CA	101.3	91.8	340.5	20.9
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Lincoln, NV	959.8	520.1	323.2	119.0
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Los Angeles, CA	1373.0	660.0	34765.2	4027.0
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Lyon, NV	29.8	96.8	927.7	83.7
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Madera, CA	136.4	117.8	1371.9	97.8
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Malheur, OR	103.5	167.7	386.6	129.5
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Maricopa, AZ	1784.4	1186.9	13995.1	783.8
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Mariposa, CA	60.6	39.4	115.5	5.3
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Merced, CA	104.8	136.0	1710.1	127.1
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Mesa, CO	68.8	119.4	793.7	437.5
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Millard, UT	44.9	248.7	3740.1	562.3
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Mineral, NV	3.9	53.7	25.4	3.0
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Modoc, CA	37.5	40.2	212.3	8.3
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Mohave, AZ	556.9	340.3	1741.1	161.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Mono, CA	37.8	71.1	98.1	3.3
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Monterey, CA	159.9	152.7	2387.3	705.3
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Montezuma, CO	47.8	43.2	171.9	13.5
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Montrose, CO	26.6	65.7	404.4	193.8
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Navajo, AZ	104.4	393.0	3179.8	3063.2
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Nevada, CA	162.9	115.1	440.4	33.2
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Nye, NV	171.3	113.5	188.8	62.7
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Orange, CA	415.9	196.4	8076.7	1165.2
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Owyhee, ID	247.6	177.1	156.2	61.7
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Pershing, NV	8.8	36.1	237.1	14.4
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Pima, AZ	213.7	311.9	3862.2	781.0
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Pinal, AZ	210.1	408.5	1593.1	98.6
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Piute, UT	35.0	19.6	21.7	8.4
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Placer, CA	169.2	119.3	1476.8	116.5
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Riverside, CA	369.2	295.8	7415.9	566.9
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Sacramento, CA	287.2	242.6	4226.1	421.1
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Salt Lake, UT	180.4	220.0	3618.3	730.8
San Joaquin Valley, CA	Stanislaus, CA	cold	27	San Benito, CA	21.7	45.9	317.4	79.8
San Joaquin Valley, CA	Stanislaus, CA	cold	27	San Bernardino, CA	643.8	828.7	12300.1	482.9
San Joaquin Valley, CA	Stanislaus, CA	cold	27	San Diego, CA	773.5	612.0	10030.8	1040.1
San Joaquin Valley, CA	Stanislaus, CA	cold	27	San Francisco, CA	176.8	113.7	2892.4	252.1
San Joaquin Valley, CA	Stanislaus, CA	cold	27	San Joaquin, CA	200.9	192.0	3777.9	393.1
San Joaquin Valley, CA	Stanislaus, CA	cold	27	San Juan, NM	121.4	1008.0	10930.1	3900.1
San Joaquin Valley, CA	Stanislaus, CA	cold	27	San Juan, UT	45.3	31.1	208.1	207.3
San Joaquin Valley, CA	Stanislaus, CA	cold	27	San Luis Obispo, CA	148.8	151.3	1205.5	514.4
San Joaquin Valley, CA	Stanislaus, CA	cold	27	San Mateo, CA	140.5	131.1	2660.2	329.3
San Joaquin Valley, CA	Stanislaus, CA	cold	27	San Miguel, CO	17.3	12.2	82.2	6.3
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Sanpete, UT	48.7	37.7	122.6	55.9
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Santa Barbara, CA	203.7	83.0	3490.6	1332.3
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Santa Clara, CA	302.1	347.8	5694.7	892.6
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Santa Cruz, AZ	36.6	42.8	193.6	14.7
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Santa Cruz, CA	90.7	98.9	993.3	247.7
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Sevier, UT	27.3	27.0	234.2	58.6
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Sierra, CA	67.0	36.2	76.8	15.1
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Stanislaus, CA	136.1	144.8	2420.5	270.7
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Storey, NV	8.8	36.5	264.9	20.0
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Sutter, CA	102.0	122.6	748.6	24.1
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Tooele, UT	92.4	125.8	685.7	66.8
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Tulare, CA	233.4	226.7	2277.3	188.0
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Tuolumne, CA	122.4	86.5	446.0	34.0
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Twin Falls, ID	91.7	213.6	676.1	161.7
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Utah, UT	87.6	115.5	1754.8	128.9
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Ventura, CA	239.8	117.5	2854.1	387.3
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Washington, UT	350.8	235.9	643.6	93.9
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Washoe, NV	136.8	199.8	1690.5	523.4
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Wayne, UT	2.3	6.4	25.6	19.9
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Weber, UT	47.7	64.0	885.3	45.4
San Joaquin Valley, CA	Stanislaus, CA	cold	27	White Pine, NV	10.6	33.8	60.7	4.7
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Yavapai, AZ	737.9	477.7	1732.0	257.6
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Yuba, CA	47.4	37.6	425.6	14.4
San Joaquin Valley, CA	Stanislaus, CA	cold	27	Yuma, AZ	93.0	163.7	1188.2	74.0
San Joaquin Valley, CA	Tulare, CA	cold	28	Alameda, CA	304.0	281.0	5769.7	915.5
San Joaquin Valley, CA	Tulare, CA	cold	28	Alpine, CA	11.2	5.1	17.1	2.3
San Joaquin Valley, CA	Tulare, CA	cold	28	Amador, CA	100.5	76.2	344.8	10.9
San Joaquin Valley, CA	Tulare, CA	cold	28	Apache, AZ	80.7	308.0	3479.0	2736.5
San Joaquin Valley, CA	Tulare, CA	cold	28	Beaver, UT	22.9	18.8	205.0	30.0
San Joaquin Valley, CA	Tulare, CA	cold	28	Box Elder, UT	57.5	102.6	688.1	45.6
San Joaquin Valley, CA	Tulare, CA	cold	28	Calaveras, CA	72.6	50.4	258.8	5.6
San Joaquin Valley, CA	Tulare, CA	cold	28	Carson, NV	42.0	40.0	167.0	172.1
San Joaquin Valley, CA	Tulare, CA	cold	28	Cassia, ID	36.7	83.2	288.0	16.5
San Joaquin Valley, CA	Tulare, CA	cold	28	Churchill, NV	26.1	73.5	263.3	34.8
San Joaquin Valley, CA	Tulare, CA	cold	28	Clark, NV	2044.2	1545.1	9536.5	7106.5
San Joaquin Valley, CA	Tulare, CA	cold	28	Cochise, AZ	65.5	146.8	2133.2	490.3
San Joaquin Valley, CA	Tulare, CA	cold	28	Coconino, AZ	225.3	480.5	6091.9	609.7
San Joaquin Valley, CA	Tulare, CA	cold	28	Davis, UT	60.3	120.4	1642.1	331.5
San Joaquin Valley, CA	Tulare, CA	cold	28	Dolores, CO	31.6	31.0	47.5	4.0
San Joaquin Valley, CA	Tulare, CA	cold	28	Douglas, NV	44.6	96.5	290.5	96.0
San Joaquin Valley, CA	Tulare, CA	cold	28	El Dorado, CA	220.3	143.0	638.0	67.8
San Joaquin Valley, CA	Tulare, CA	cold	28	Elko, NV	263.7	204.3	852.1	101.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
San Joaquin Valley, CA	Tulare, CA	cold	28	Emery, UT	24.2	318.3	3945.6	3160.0
San Joaquin Valley, CA	Tulare, CA	cold	28	Esmeralda, NV	1.2	24.6	14.1	7.8
San Joaquin Valley, CA	Tulare, CA	cold	28	Eureka, NV	13.1	42.0	186.3	50.4
San Joaquin Valley, CA	Tulare, CA	cold	28	Fresno, CA	597.4	493.6	4809.0	752.6
San Joaquin Valley, CA	Tulare, CA	cold	28	Garfield, UT	47.0	30.9	66.0	17.5
San Joaquin Valley, CA	Tulare, CA	cold	28	Gila, AZ	258.3	177.0	262.8	2483.3
San Joaquin Valley, CA	Tulare, CA	cold	28	Graham, AZ	19.3	56.2	131.9	7.2
San Joaquin Valley, CA	Tulare, CA	cold	28	Grand, UT	12.4	10.9	204.8	7.7
San Joaquin Valley, CA	Tulare, CA	cold	28	Harney, OR	81.0	54.7	129.3	18.6
San Joaquin Valley, CA	Tulare, CA	cold	28	Humboldt, NV	50.4	103.2	1585.7	1317.8
San Joaquin Valley, CA	Tulare, CA	cold	28	Imperial, CA	109.7	329.5	1643.7	286.8
San Joaquin Valley, CA	Tulare, CA	cold	28	Inyo, CA	51.2	124.6	159.3	33.2
San Joaquin Valley, CA	Tulare, CA	cold	28	Iron, UT	19.3	26.2	464.6	71.9
San Joaquin Valley, CA	Tulare, CA	cold	28	Juab, UT	16.2	37.1	481.1	40.3
San Joaquin Valley, CA	Tulare, CA	cold	28	Kane, UT	13.2	13.0	57.2	13.6
San Joaquin Valley, CA	Tulare, CA	cold	28	Kern, CA	420.6	398.8	8081.8	452.7
San Joaquin Valley, CA	Tulare, CA	cold	28	Kings, CA	60.3	103.6	894.4	79.2
San Joaquin Valley, CA	Tulare, CA	cold	28	La Paz, AZ	54.4	59.4	404.8	26.4
San Joaquin Valley, CA	Tulare, CA	cold	28	Lake, OR	39.4	34.4	142.9	12.0
San Joaquin Valley, CA	Tulare, CA	cold	28	Lander, NV	9.2	33.4	124.9	12.0
San Joaquin Valley, CA	Tulare, CA	cold	28	Lassen, CA	105.0	95.2	353.1	21.7
San Joaquin Valley, CA	Tulare, CA	cold	28	Lincoln, NV	995.3	539.3	335.1	123.4
San Joaquin Valley, CA	Tulare, CA	cold	28	Los Angeles, CA	1423.8	684.4	36052.8	4176.2
San Joaquin Valley, CA	Tulare, CA	cold	28	Lyon, NV	30.9	100.4	962.0	86.8
San Joaquin Valley, CA	Tulare, CA	cold	28	Madera, CA	141.5	122.2	1422.7	101.5
San Joaquin Valley, CA	Tulare, CA	cold	28	Malheur, OR	107.3	173.9	400.9	134.3
San Joaquin Valley, CA	Tulare, CA	cold	28	Maricopa, AZ	1850.5	1230.8	14513.4	812.9
San Joaquin Valley, CA	Tulare, CA	cold	28	Mariposa, CA	62.8	40.8	119.7	5.5
San Joaquin Valley, CA	Tulare, CA	cold	28	Merced, CA	108.7	141.0	1773.4	131.8
San Joaquin Valley, CA	Tulare, CA	cold	28	Mesa, CO	71.4	123.8	823.1	453.7
San Joaquin Valley, CA	Tulare, CA	cold	28	Millard, UT	46.5	257.9	3878.6	583.1
San Joaquin Valley, CA	Tulare, CA	cold	28	Mineral, NV	4.0	55.7	26.3	3.1
San Joaquin Valley, CA	Tulare, CA	cold	28	Modoc, CA	38.9	41.7	220.2	8.6
San Joaquin Valley, CA	Tulare, CA	cold	28	Mohave, AZ	577.5	352.9	1805.6	167.5
San Joaquin Valley, CA	Tulare, CA	cold	28	Mono, CA	39.2	73.8	101.8	3.4
San Joaquin Valley, CA	Tulare, CA	cold	28	Monterey, CA	165.8	158.4	2475.7	731.4
San Joaquin Valley, CA	Tulare, CA	cold	28	Montezuma, CO	49.6	44.8	178.3	14.0
San Joaquin Valley, CA	Tulare, CA	cold	28	Montrose, CO	27.5	68.2	419.4	201.0
San Joaquin Valley, CA	Tulare, CA	cold	28	Navajo, AZ	108.2	407.6	3297.5	3176.7
San Joaquin Valley, CA	Tulare, CA	cold	28	Nevada, CA	168.9	119.4	456.7	34.4
San Joaquin Valley, CA	Tulare, CA	cold	28	Nye, NV	177.6	117.7	195.8	65.1
San Joaquin Valley, CA	Tulare, CA	cold	28	Orange, CA	431.3	203.7	8375.8	1208.3
San Joaquin Valley, CA	Tulare, CA	cold	28	Owyhee, ID	256.8	183.7	161.9	64.0
San Joaquin Valley, CA	Tulare, CA	cold	28	Pershing, NV	9.1	37.5	245.9	14.9
San Joaquin Valley, CA	Tulare, CA	cold	28	Pima, AZ	221.6	323.5	4005.3	810.0
San Joaquin Valley, CA	Tulare, CA	cold	28	Pinal, AZ	217.9	423.7	1652.1	102.2
San Joaquin Valley, CA	Tulare, CA	cold	28	Piute, UT	36.3	20.3	22.5	8.7
San Joaquin Valley, CA	Tulare, CA	cold	28	Placer, CA	175.5	123.8	1531.5	120.8
San Joaquin Valley, CA	Tulare, CA	cold	28	Riverside, CA	382.8	306.7	7690.6	587.9
San Joaquin Valley, CA	Tulare, CA	cold	28	Sacramento, CA	297.8	251.6	4382.7	436.7
San Joaquin Valley, CA	Tulare, CA	cold	28	Salt Lake, UT	187.1	228.2	3752.4	757.9
San Joaquin Valley, CA	Tulare, CA	cold	28	San Benito, CA	22.5	47.6	329.2	82.8
San Joaquin Valley, CA	Tulare, CA	cold	28	San Bernardino, CA	667.6	859.4	12755.6	500.8
San Joaquin Valley, CA	Tulare, CA	cold	28	San Diego, CA	802.1	634.7	10402.3	1078.6
San Joaquin Valley, CA	Tulare, CA	cold	28	San Francisco, CA	183.3	117.9	2999.6	261.4
San Joaquin Valley, CA	Tulare, CA	cold	28	San Joaquin, CA	208.4	199.2	3917.8	407.7
San Joaquin Valley, CA	Tulare, CA	cold	28	San Juan, NM	125.9	1045.3	11334.9	4044.5
San Joaquin Valley, CA	Tulare, CA	cold	28	San Juan, UT	46.9	32.2	215.8	215.0
San Joaquin Valley, CA	Tulare, CA	cold	28	San Luis Obispo, CA	154.3	156.9	1250.1	533.5
San Joaquin Valley, CA	Tulare, CA	cold	28	San Mateo, CA	145.7	136.0	2758.8	341.5
San Joaquin Valley, CA	Tulare, CA	cold	28	San Miguel, CO	18.0	12.7	85.2	6.6
San Joaquin Valley, CA	Tulare, CA	cold	28	Sanpete, UT	50.5	39.1	127.2	57.9
San Joaquin Valley, CA	Tulare, CA	cold	28	Santa Barbara, CA	211.2	86.1	3619.8	1381.7
San Joaquin Valley, CA	Tulare, CA	cold	28	Santa Clara, CA	313.3	360.6	5905.6	925.6
San Joaquin Valley, CA	Tulare, CA	cold	28	Santa Cruz, AZ	37.9	44.4	200.8	15.3
San Joaquin Valley, CA	Tulare, CA	cold	28	Santa Cruz, CA	94.1	102.5	1030.1	256.8
San Joaquin Valley, CA	Tulare, CA	cold	28	Sevier, UT	28.3	28.0	242.8	60.8
San Joaquin Valley, CA	Tulare, CA	cold	28	Sierra, CA	69.5	37.5	79.7	15.6
San Joaquin Valley, CA	Tulare, CA	cold	28	Stanislaus, CA	141.1	150.2	2510.2	280.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
San Joaquin Valley, CA	Tulare, CA	cold	28	Storey, NV	9.2	37.8	274.8	20.8
San Joaquin Valley, CA	Tulare, CA	cold	28	Sutter, CA	105.8	127.2	776.3	24.9
San Joaquin Valley, CA	Tulare, CA	cold	28	Tooele, UT	95.8	130.5	711.1	69.2
San Joaquin Valley, CA	Tulare, CA	cold	28	Tulare, CA	242.1	235.1	2361.6	195.0
San Joaquin Valley, CA	Tulare, CA	cold	28	Tuolumne, CA	126.9	89.7	462.5	35.2
San Joaquin Valley, CA	Tulare, CA	cold	28	Twin Falls, ID	95.1	221.5	701.2	167.7
San Joaquin Valley, CA	Tulare, CA	cold	28	Utah, UT	90.8	119.8	1819.8	133.7
San Joaquin Valley, CA	Tulare, CA	cold	28	Ventura, CA	248.7	121.9	2959.8	401.7
San Joaquin Valley, CA	Tulare, CA	cold	28	Washington, UT	363.8	244.7	667.4	97.3
San Joaquin Valley, CA	Tulare, CA	cold	28	Washoe, NV	141.8	207.2	1753.1	542.8
San Joaquin Valley, CA	Tulare, CA	cold	28	Wayne, UT	2.4	6.6	26.6	20.7
San Joaquin Valley, CA	Tulare, CA	cold	28	Weber, UT	49.4	66.3	918.0	47.0
San Joaquin Valley, CA	Tulare, CA	cold	28	White Pine, NV	11.0	35.0	62.9	4.9
San Joaquin Valley, CA	Tulare, CA	cold	28	Yavapai, AZ	765.3	495.4	1796.2	267.2
San Joaquin Valley, CA	Tulare, CA	cold	28	Yuba, CA	49.1	39.0	441.4	14.9
San Joaquin Valley, CA	Tulare, CA	cold	28	Yuma, AZ	96.5	169.7	1232.2	76.8
San Joaquin Valley, CA	Tulare, CA	warm	1	Alameda, CA	15.0	13.9	285.5	45.3
San Joaquin Valley, CA	Tulare, CA	warm	1	Alpine, CA	0.6	0.3	0.8	0.1
San Joaquin Valley, CA	Tulare, CA	warm	1	Amador, CA	5.0	3.8	17.1	0.5
San Joaquin Valley, CA	Tulare, CA	warm	1	Apache, AZ	4.0	15.2	172.2	135.4
San Joaquin Valley, CA	Tulare, CA	warm	1	Beaver, UT	1.1	0.9	10.1	1.5
San Joaquin Valley, CA	Tulare, CA	warm	1	Box Elder, UT	2.8	5.1	34.1	2.3
San Joaquin Valley, CA	Tulare, CA	warm	1	Calaveras, CA	3.6	2.5	12.8	0.3
San Joaquin Valley, CA	Tulare, CA	warm	1	Carson, NV	2.1	2.0	8.3	8.5
San Joaquin Valley, CA	Tulare, CA	warm	1	Cassia, ID	1.8	4.1	14.3	0.8
San Joaquin Valley, CA	Tulare, CA	warm	1	Churchill, NV	1.3	3.6	13.0	1.7
San Joaquin Valley, CA	Tulare, CA	warm	1	Clark, NV	101.2	76.5	471.9	351.7
San Joaquin Valley, CA	Tulare, CA	warm	1	Cochise, AZ	3.2	7.3	105.6	24.3
San Joaquin Valley, CA	Tulare, CA	warm	1	Coconino, AZ	11.1	23.8	301.5	30.2
San Joaquin Valley, CA	Tulare, CA	warm	1	Davis, UT	3.0	6.0	81.3	16.4
San Joaquin Valley, CA	Tulare, CA	warm	1	Dolores, CO	1.6	1.5	2.3	0.2
San Joaquin Valley, CA	Tulare, CA	warm	1	Douglas, NV	2.2	4.8	14.4	4.8
San Joaquin Valley, CA	Tulare, CA	warm	1	El Dorado, CA	10.9	7.1	31.6	3.4
San Joaquin Valley, CA	Tulare, CA	warm	1	Elko, NV	13.1	10.1	42.2	5.0
San Joaquin Valley, CA	Tulare, CA	warm	1	Emery, UT	1.2	15.8	195.3	156.4
San Joaquin Valley, CA	Tulare, CA	warm	1	Esmeralda, NV	0.1	1.2	0.7	0.4
San Joaquin Valley, CA	Tulare, CA	warm	1	Eureka, NV	0.6	2.1	9.2	2.5
San Joaquin Valley, CA	Tulare, CA	warm	1	Fresno, CA	29.6	24.4	238.0	37.2
San Joaquin Valley, CA	Tulare, CA	warm	1	Garfield, UT	2.3	1.5	3.3	0.9
San Joaquin Valley, CA	Tulare, CA	warm	1	Gila, AZ	12.8	8.8	13.0	122.9
San Joaquin Valley, CA	Tulare, CA	warm	1	Graham, AZ	1.0	2.8	6.5	0.4
San Joaquin Valley, CA	Tulare, CA	warm	1	Grand, UT	0.6	0.5	10.1	0.4
San Joaquin Valley, CA	Tulare, CA	warm	1	Harney, OR	4.0	2.7	6.4	0.9
San Joaquin Valley, CA	Tulare, CA	warm	1	Humboldt, NV	2.5	5.1	78.5	65.2
San Joaquin Valley, CA	Tulare, CA	warm	1	Imperial, CA	5.4	16.3	81.3	14.2
San Joaquin Valley, CA	Tulare, CA	warm	1	Inyo, CA	2.5	6.2	7.9	1.6
San Joaquin Valley, CA	Tulare, CA	warm	1	Iron, UT	1.0	1.3	23.0	3.6
San Joaquin Valley, CA	Tulare, CA	warm	1	Juab, UT	0.8	1.8	23.8	2.0
San Joaquin Valley, CA	Tulare, CA	warm	1	Kane, UT	0.7	0.6	2.8	0.7
San Joaquin Valley, CA	Tulare, CA	warm	1	Kern, CA	20.8	19.7	399.9	22.4
San Joaquin Valley, CA	Tulare, CA	warm	1	Kings, CA	3.0	5.1	44.3	3.9
San Joaquin Valley, CA	Tulare, CA	warm	1	La Paz, AZ	2.7	2.9	20.0	1.3
San Joaquin Valley, CA	Tulare, CA	warm	1	Lake, OR	2.0	1.7	7.1	0.6
San Joaquin Valley, CA	Tulare, CA	warm	1	Lander, NV	0.5	1.7	6.2	0.6
San Joaquin Valley, CA	Tulare, CA	warm	1	Lassen, CA	5.2	4.7	17.5	1.1
San Joaquin Valley, CA	Tulare, CA	warm	1	Lincoln, NV	49.3	26.7	16.6	6.1
San Joaquin Valley, CA	Tulare, CA	warm	1	Los Angeles, CA	70.5	33.9	1784.1	206.7
San Joaquin Valley, CA	Tulare, CA	warm	1	Lyon, NV	1.5	5.0	47.6	4.3
San Joaquin Valley, CA	Tulare, CA	warm	1	Madera, CA	7.0	6.0	70.4	5.0
San Joaquin Valley, CA	Tulare, CA	warm	1	Malheur, OR	5.3	8.6	19.8	6.6
San Joaquin Valley, CA	Tulare, CA	warm	1	Maricopa, AZ	91.6	60.9	718.2	40.2
San Joaquin Valley, CA	Tulare, CA	warm	1	Mariposa, CA	3.1	2.0	5.9	0.3
San Joaquin Valley, CA	Tulare, CA	warm	1	Merced, CA	5.4	7.0	87.8	6.5
San Joaquin Valley, CA	Tulare, CA	warm	1	Mesa, CO	3.5	6.1	40.7	22.5
San Joaquin Valley, CA	Tulare, CA	warm	1	Millard, UT	2.3	12.8	191.9	28.9
San Joaquin Valley, CA	Tulare, CA	warm	1	Mineral, NV	0.2	2.8	1.3	0.2
San Joaquin Valley, CA	Tulare, CA	warm	1	Modoc, CA	1.9	2.1	10.9	0.4
San Joaquin Valley, CA	Tulare, CA	warm	1	Mohave, AZ	28.6	17.5	89.4	8.3
San Joaquin Valley, CA	Tulare, CA	warm	1	Mono, CA	1.9	3.7	5.0	0.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
San Joaquin Valley, CA	Tulare, CA	warm	1	Monterey, CA	8.2	7.8	122.5	36.2
San Joaquin Valley, CA	Tulare, CA	warm	1	Montezuma, CO	2.5	2.2	8.8	0.7
San Joaquin Valley, CA	Tulare, CA	warm	1	Montrose, CO	1.4	3.4	20.8	9.9
San Joaquin Valley, CA	Tulare, CA	warm	1	Navajo, AZ	5.4	20.2	163.2	157.2
San Joaquin Valley, CA	Tulare, CA	warm	1	Nevada, CA	8.4	5.9	22.6	1.7
San Joaquin Valley, CA	Tulare, CA	warm	1	Nye, NV	8.8	5.8	9.7	3.2
San Joaquin Valley, CA	Tulare, CA	warm	1	Orange, CA	21.3	10.1	414.5	59.8
San Joaquin Valley, CA	Tulare, CA	warm	1	Owyhee, ID	12.7	9.1	8.0	3.2
San Joaquin Valley, CA	Tulare, CA	warm	1	Pershing, NV	0.5	1.9	12.2	0.7
San Joaquin Valley, CA	Tulare, CA	warm	1	Pima, AZ	11.0	16.0	198.2	40.1
San Joaquin Valley, CA	Tulare, CA	warm	1	Pinal, AZ	10.8	21.0	81.8	5.1
San Joaquin Valley, CA	Tulare, CA	warm	1	Piute, UT	1.8	1.0	1.1	0.4
San Joaquin Valley, CA	Tulare, CA	warm	1	Placer, CA	8.7	6.1	75.8	6.0
San Joaquin Valley, CA	Tulare, CA	warm	1	Riverside, CA	18.9	15.2	380.6	29.1
San Joaquin Valley, CA	Tulare, CA	warm	1	Sacramento, CA	14.7	12.4	216.9	21.6
San Joaquin Valley, CA	Tulare, CA	warm	1	Salt Lake, UT	9.3	11.3	185.7	37.5
San Joaquin Valley, CA	Tulare, CA	warm	1	San Benito, CA	1.1	2.4	16.3	4.1
San Joaquin Valley, CA	Tulare, CA	warm	1	San Bernardino, CA	33.0	42.5	631.2	24.8
San Joaquin Valley, CA	Tulare, CA	warm	1	San Diego, CA	39.7	31.4	514.8	53.4
San Joaquin Valley, CA	Tulare, CA	warm	1	San Francisco, CA	9.1	5.8	148.4	12.9
San Joaquin Valley, CA	Tulare, CA	warm	1	San Joaquin, CA	10.3	9.9	193.9	20.2
San Joaquin Valley, CA	Tulare, CA	warm	1	San Juan, NM	6.2	51.7	560.9	200.1
San Joaquin Valley, CA	Tulare, CA	warm	1	San Juan, UT	2.3	1.6	10.7	10.6
San Joaquin Valley, CA	Tulare, CA	warm	1	San Luis Obispo, CA	7.6	7.8	61.9	26.4
San Joaquin Valley, CA	Tulare, CA	warm	1	San Mateo, CA	7.2	6.7	136.5	16.9
San Joaquin Valley, CA	Tulare, CA	warm	1	San Miguel, CO	0.9	0.6	4.2	0.3
San Joaquin Valley, CA	Tulare, CA	warm	1	Sanpete, UT	2.5	1.9	6.3	2.9
San Joaquin Valley, CA	Tulare, CA	warm	1	Santa Barbara, CA	10.5	4.3	179.1	68.4
San Joaquin Valley, CA	Tulare, CA	warm	1	Santa Clara, CA	15.5	17.8	292.2	45.8
San Joaquin Valley, CA	Tulare, CA	warm	1	Santa Cruz, AZ	1.9	2.2	9.9	0.8
San Joaquin Valley, CA	Tulare, CA	warm	1	Santa Cruz, CA	4.7	5.1	51.0	12.7
San Joaquin Valley, CA	Tulare, CA	warm	1	Sevier, UT	1.4	1.4	12.0	3.0
San Joaquin Valley, CA	Tulare, CA	warm	1	Sierra, CA	3.4	1.9	3.9	0.8
San Joaquin Valley, CA	Tulare, CA	warm	1	Stanislaus, CA	7.0	7.4	124.2	13.9
San Joaquin Valley, CA	Tulare, CA	warm	1	Storey, NV	0.5	1.9	13.6	1.0
San Joaquin Valley, CA	Tulare, CA	warm	1	Sutter, CA	5.2	6.3	38.4	1.2
San Joaquin Valley, CA	Tulare, CA	warm	1	Tooele, UT	4.7	6.5	35.2	3.4
San Joaquin Valley, CA	Tulare, CA	warm	1	Tulare, CA	12.0	11.6	116.9	9.6
San Joaquin Valley, CA	Tulare, CA	warm	1	Tuolumne, CA	6.3	4.4	22.9	1.7
San Joaquin Valley, CA	Tulare, CA	warm	1	Twin Falls, ID	4.7	11.0	34.7	8.3
San Joaquin Valley, CA	Tulare, CA	warm	1	Utah, UT	4.5	5.9	90.1	6.6
San Joaquin Valley, CA	Tulare, CA	warm	1	Ventura, CA	12.3	6.0	146.5	19.9
San Joaquin Valley, CA	Tulare, CA	warm	1	Washington, UT	18.0	12.1	33.0	4.8
San Joaquin Valley, CA	Tulare, CA	warm	1	Washoe, NV	7.0	10.3	86.8	26.9
San Joaquin Valley, CA	Tulare, CA	warm	1	Wayne, UT	0.1	0.3	1.3	1.0
San Joaquin Valley, CA	Tulare, CA	warm	1	Weber, UT	2.4	3.3	45.4	2.3
San Joaquin Valley, CA	Tulare, CA	warm	1	White Pine, NV	0.5	1.7	3.1	0.2
San Joaquin Valley, CA	Tulare, CA	warm	1	Yavapai, AZ	37.9	24.5	88.9	13.2
San Joaquin Valley, CA	Tulare, CA	warm	1	Yuba, CA	2.4	1.9	21.8	0.7
San Joaquin Valley, CA	Tulare, CA	warm	1	Yuma, AZ	4.8	8.4	61.0	3.8
State College, PA	Centre, PA	cold	3	Adams, PA	6.3	9.6	40.0	8.2
State College, PA	Centre, PA	cold	3	Allegany, MD	6.0	9.8	120.4	323.6
State College, PA	Centre, PA	cold	3	Allegany, NY	9.0	8.1	27.7	7.6
State College, PA	Centre, PA	cold	3	Allegheny, PA	31.8	34.3	895.6	728.4
State College, PA	Centre, PA	cold	3	Anne Arundel, MD	18.6	44.4	475.1	998.6
State College, PA	Centre, PA	cold	3	Arlington, VA	5.0	4.3	92.6	14.9
State College, PA	Centre, PA	cold	3	Armstrong, PA	11.0	137.4	288.0	2970.4
State College, PA	Centre, PA	cold	3	Ashtabula, OH	9.2	9.8	206.0	80.8
State College, PA	Centre, PA	cold	3	Baltimore, MD	26.8	55.6	487.7	631.5
State College, PA	Centre, PA	cold	3	Beaver, PA	6.4	30.0	472.6	643.2
State College, PA	Centre, PA	cold	3	Bedford, PA	4.1	4.2	64.2	11.0
State College, PA	Centre, PA	cold	3	Berkeley, WV	7.1	10.0	102.8	33.9
State College, PA	Centre, PA	cold	3	Berks, PA	13.0	31.1	255.9	267.1
State College, PA	Centre, PA	cold	3	Blair, PA	4.5	6.0	71.0	33.6
State College, PA	Centre, PA	cold	3	Bradford, PA	4.8	5.3	33.0	10.5
State College, PA	Centre, PA	cold	3	Brooke, WV	2.7	5.0	30.2	19.1
State College, PA	Centre, PA	cold	3	Broome, NY	10.7	16.2	122.4	197.6
State College, PA	Centre, PA	cold	3	Bucks, PA	12.4	15.0	237.6	55.9
State College, PA	Centre, PA	cold	3	Butler, PA	6.2	10.3	106.8	47.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
State College, PA	Centre, PA	cold	3	Cambria, PA	4.6	6.8	87.4	109.7
State College, PA	Centre, PA	cold	3	Cameron, PA	0.6	0.9	4.1	1.1
State College, PA	Centre, PA	cold	3	Carbon, PA	4.4	4.5	41.2	20.3
State College, PA	Centre, PA	cold	3	Carroll, MD	9.2	11.6	90.7	20.9
State College, PA	Centre, PA	cold	3	Cattaraugus, NY	13.1	11.8	44.1	15.2
State College, PA	Centre, PA	cold	3	Cecil, MD	6.3	5.8	56.1	18.4
State College, PA	Centre, PA	cold	3	Centre, PA	6.6	9.3	94.1	80.8
State College, PA	Centre, PA	cold	3	Chautauqua, NY	15.6	48.4	153.5	356.1
State College, PA	Centre, PA	cold	3	Chemung, NY	5.6	7.1	48.4	22.4
State College, PA	Centre, PA	cold	3	Chester, PA	11.3	17.4	233.6	113.1
State College, PA	Centre, PA	cold	3	Clarion, PA	3.3	3.8	45.3	21.8
State College, PA	Centre, PA	cold	3	Clarke, VA	1.2	1.9	13.3	1.9
State College, PA	Centre, PA	cold	3	Clearfield, PA	7.1	34.1	159.6	686.3
State College, PA	Centre, PA	cold	3	Clinton, PA	2.9	2.5	40.8	7.9
State College, PA	Centre, PA	cold	3	Columbia, PA	2.9	4.5	37.5	11.2
State College, PA	Centre, PA	cold	3	Cortland, NY	5.1	5.4	25.4	8.9
State College, PA	Centre, PA	cold	3	Crawford, PA	5.9	7.5	85.1	15.7
State College, PA	Centre, PA	cold	3	Cumberland, PA	9.9	12.2	204.5	28.0
State College, PA	Centre, PA	cold	3	Dauphin, PA	7.5	7.3	177.6	34.6
State College, PA	Centre, PA	cold	3	District of Columbia, DC	9.3	5.1	189.3	57.9
State College, PA	Centre, PA	cold	3	Elk, PA	1.5	3.0	42.2	75.7
State College, PA	Centre, PA	cold	3	Erie, NY	23.0	44.0	467.8	429.2
State College, PA	Centre, PA	cold	3	Erie, PA	6.3	7.2	170.9	72.6
State College, PA	Centre, PA	cold	3	Fairfax, VA	17.5	16.0	450.3	50.8
State College, PA	Centre, PA	cold	3	Fauquier, VA	6.2	6.0	58.0	5.1
State College, PA	Centre, PA	cold	3	Fayette, PA	4.2	4.8	57.5	18.3
State College, PA	Centre, PA	cold	3	Forest, PA	1.6	1.6	12.4	0.6
State College, PA	Centre, PA	cold	3	Franklin, PA	5.4	9.3	77.4	12.0
State College, PA	Centre, PA	cold	3	Frederick, MD	14.9	18.9	160.1	131.3
State College, PA	Centre, PA	cold	3	Frederick, VA	4.9	5.4	60.3	11.5
State College, PA	Centre, PA	cold	3	Fulton, PA	1.5	2.1	25.5	3.6
State College, PA	Centre, PA	cold	3	Garrett, MD	4.1	3.5	35.4	12.1
State College, PA	Centre, PA	cold	3	Genesee, NY	4.9	7.3	59.7	11.7
State College, PA	Centre, PA	cold	3	Grant, WV	4.9	72.5	342.3	65.7
State College, PA	Centre, PA	cold	3	Greene, PA	8.4	101.9	288.3	2073.9
State College, PA	Centre, PA	cold	3	Hampshire, WV	2.0	2.2	11.3	1.4
State College, PA	Centre, PA	cold	3	Hancock, WV	10.0	28.3	62.3	28.9
State College, PA	Centre, PA	cold	3	Hardy, WV	1.5	2.2	13.1	3.1
State College, PA	Centre, PA	cold	3	Harford, MD	12.4	12.1	103.4	32.7
State College, PA	Centre, PA	cold	3	Howard, MD	8.5	6.4	140.0	34.0
State College, PA	Centre, PA	cold	3	Huntingdon, PA	3.6	4.2	35.7	11.2
State College, PA	Centre, PA	cold	3	Indiana, PA	12.0	142.1	605.3	2087.8
State College, PA	Centre, PA	cold	3	Jefferson, PA	3.5	3.6	42.4	13.3
State College, PA	Centre, PA	cold	3	Jefferson, WV	3.4	4.7	38.8	8.4
State College, PA	Centre, PA	cold	3	Juniata, PA	1.8	2.3	25.6	3.6
State College, PA	Centre, PA	cold	3	Lackawanna, PA	4.7	6.4	94.2	18.1
State College, PA	Centre, PA	cold	3	Lancaster, PA	16.4	27.9	232.0	56.8
State College, PA	Centre, PA	cold	3	Lawrence, PA	4.4	20.9	127.4	324.1
State College, PA	Centre, PA	cold	3	Lebanon, PA	4.8	6.9	83.1	25.2
State College, PA	Centre, PA	cold	3	Lehigh, PA	7.1	10.3	162.8	53.0
State College, PA	Centre, PA	cold	3	Livingston, NY	6.4	8.5	36.0	9.3
State College, PA	Centre, PA	cold	3	Loudoun, VA	6.9	6.8	118.4	14.5
State College, PA	Centre, PA	cold	3	Luzerne, PA	11.1	11.5	147.0	101.3
State College, PA	Centre, PA	cold	3	Lycoming, PA	4.3	5.0	60.7	15.4
State College, PA	Centre, PA	cold	3	Marshall, WV	4.4	51.2	565.1	1670.1
State College, PA	Centre, PA	cold	3	McKean, PA	3.0	5.1	46.1	55.6
State College, PA	Centre, PA	cold	3	Mercer, PA	4.1	6.6	85.1	14.7
State College, PA	Centre, PA	cold	3	Mifflin, PA	3.5	4.1	38.1	6.9
State College, PA	Centre, PA	cold	3	Mineral, WV	2.8	4.0	17.2	6.4
State College, PA	Centre, PA	cold	3	Monongalia, WV	6.6	57.1	183.3	1192.9
State College, PA	Centre, PA	cold	3	Monroe, NY	16.8	37.4	406.6	713.2
State College, PA	Centre, PA	cold	3	Monroe, PA	8.3	7.6	74.2	14.5
State College, PA	Centre, PA	cold	3	Montgomery, MD	29.6	62.7	378.7	591.5
State College, PA	Centre, PA	cold	3	Montgomery, PA	15.8	19.3	329.8	76.6
State College, PA	Centre, PA	cold	3	Montour, PA	5.9	90.1	198.2	1807.8
State College, PA	Centre, PA	cold	3	Morgan, WV	1.3	2.0	15.2	2.3
State College, PA	Centre, PA	cold	3	Northampton, PA	9.4	52.9	348.4	854.7
State College, PA	Centre, PA	cold	3	Northumberland, PA	4.4	5.7	48.7	21.3
State College, PA	Centre, PA	cold	3	Ohio, WV	2.1	2.1	47.1	7.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
State College, PA	Centre, PA	cold	3	Ontario, NY	8.4	11.2	70.7	22.5
State College, PA	Centre, PA	cold	3	Perry, PA	3.3	3.5	35.6	6.3
State College, PA	Centre, PA	cold	3	Potter, PA	1.9	2.0	27.6	2.6
State College, PA	Centre, PA	cold	3	Preston, WV	2.3	13.1	56.2	243.0
State College, PA	Centre, PA	cold	3	Prince George's, MD	21.7	63.2	494.7	905.4
State College, PA	Centre, PA	cold	3	Prince William, VA	7.5	9.0	168.5	101.9
State College, PA	Centre, PA	cold	3	Schuyler, NY	3.4	6.4	12.4	9.7
State College, PA	Centre, PA	cold	3	Schuylkill, PA	7.7	9.0	88.0	102.4
State College, PA	Centre, PA	cold	3	Seneca, NY	2.6	4.4	21.8	6.5
State College, PA	Centre, PA	cold	3	Snyder, PA	2.9	12.3	62.8	399.0
State College, PA	Centre, PA	cold	3	Somerset, PA	6.0	6.4	65.9	26.1
State College, PA	Centre, PA	cold	3	Steuben, NY	13.7	13.8	76.6	20.1
State College, PA	Centre, PA	cold	3	Sullivan, PA	1.3	1.5	4.3	0.9
State College, PA	Centre, PA	cold	3	Susquehanna, PA	3.7	3.7	29.3	4.7
State College, PA	Centre, PA	cold	3	Tioga, NY	6.6	6.8	30.1	12.2
State College, PA	Centre, PA	cold	3	Tioga, PA	3.5	4.5	28.4	4.5
State College, PA	Centre, PA	cold	3	Tompkins, NY	8.7	11.5	70.8	72.8
State College, PA	Centre, PA	cold	3	Trumbull, OH	8.8	13.6	189.2	261.8
State College, PA	Centre, PA	cold	3	Union, PA	2.0	2.7	28.2	5.1
State College, PA	Centre, PA	cold	3	Venango, PA	3.3	3.9	39.0	27.2
State College, PA	Centre, PA	cold	3	Warren, PA	3.0	3.6	33.8	46.1
State College, PA	Centre, PA	cold	3	Washington, MD	8.6	11.1	142.7	92.2
State College, PA	Centre, PA	cold	3	Washington, PA	7.3	14.6	230.8	89.4
State College, PA	Centre, PA	cold	3	Wayne, NY	9.1	10.2	53.0	17.7
State College, PA	Centre, PA	cold	3	Wayne, PA	4.8	4.5	21.7	6.8
State College, PA	Centre, PA	cold	3	Westmoreland, PA	11.3	12.5	235.7	49.6
State College, PA	Centre, PA	cold	3	Wyoming, NY	5.9	6.9	20.7	19.1
State College, PA	Centre, PA	cold	3	Wyoming, PA	3.0	3.3	24.0	4.8
State College, PA	Centre, PA	cold	3	Yates, NY	4.0	7.3	40.7	206.9
State College, PA	Centre, PA	cold	3	York, PA	17.2	79.8	455.9	1678.6
State College, PA	Centre, PA	warm	12	Adams, PA	34.8	53.1	221.6	45.5
State College, PA	Centre, PA	warm	12	Allegany, MD	33.2	54.3	667.1	1793.5
State College, PA	Centre, PA	warm	12	Allegany, NY	50.1	45.2	153.8	41.9
State College, PA	Centre, PA	warm	12	Allegheny, PA	176.0	190.3	4963.9	4037.0
State College, PA	Centre, PA	warm	12	Anne Arundel, MD	102.8	246.3	2633.1	5534.7
State College, PA	Centre, PA	warm	12	Arlington, VA	27.5	24.0	513.1	82.7
State College, PA	Centre, PA	warm	12	Armstrong, PA	61.2	761.7	1596.2	16463.5
State College, PA	Centre, PA	warm	12	Ashtabula, OH	50.8	54.0	1141.6	448.1
State College, PA	Centre, PA	warm	12	Baltimore, MD	148.4	308.3	2703.3	3500.1
State College, PA	Centre, PA	warm	12	Beaver, PA	35.4	166.2	2619.6	3564.9
State College, PA	Centre, PA	warm	12	Bedford, PA	22.8	23.5	355.6	61.1
State College, PA	Centre, PA	warm	12	Berkeley, WV	39.1	55.4	569.5	187.9
State College, PA	Centre, PA	warm	12	Berks, PA	72.3	172.4	1418.5	1480.3
State College, PA	Centre, PA	warm	12	Blair, PA	24.7	33.2	393.4	186.2
State College, PA	Centre, PA	warm	12	Bradford, PA	26.8	29.4	182.9	58.3
State College, PA	Centre, PA	warm	12	Brooke, WV	15.0	27.5	167.1	105.8
State College, PA	Centre, PA	warm	12	Broome, NY	59.0	89.7	678.7	1094.9
State College, PA	Centre, PA	warm	12	Bucks, PA	68.7	83.3	1317.0	309.9
State College, PA	Centre, PA	warm	12	Butler, PA	34.6	57.1	592.1	263.5
State College, PA	Centre, PA	warm	12	Cambria, PA	25.4	37.4	484.5	608.0
State College, PA	Centre, PA	warm	12	Cameron, PA	3.1	5.2	22.8	5.9
State College, PA	Centre, PA	warm	12	Carbon, PA	24.5	24.8	228.5	112.3
State College, PA	Centre, PA	warm	12	Carroll, MD	51.3	64.3	502.7	115.8
State College, PA	Centre, PA	warm	12	Cattaraugus, NY	72.6	65.6	244.3	84.2
State College, PA	Centre, PA	warm	12	Cecil, MD	34.9	32.0	310.7	101.8
State College, PA	Centre, PA	warm	12	Centre, PA	36.5	51.8	521.7	447.7
State College, PA	Centre, PA	warm	12	Chautauqua, NY	86.3	268.5	850.6	1973.9
State College, PA	Centre, PA	warm	12	Chemung, NY	31.1	39.2	268.0	124.3
State College, PA	Centre, PA	warm	12	Chester, PA	62.7	96.3	1294.7	626.7
State College, PA	Centre, PA	warm	12	Clarion, PA	18.3	21.0	251.2	120.9
State College, PA	Centre, PA	warm	12	Clarke, VA	6.8	10.8	73.9	10.7
State College, PA	Centre, PA	warm	12	Clearfield, PA	39.4	189.0	884.6	3803.8
State College, PA	Centre, PA	warm	12	Clinton, PA	16.0	13.9	226.3	44.0
State College, PA	Centre, PA	warm	12	Columbia, PA	15.8	25.2	207.6	62.1
State College, PA	Centre, PA	warm	12	Cortland, NY	28.4	30.1	140.6	49.5
State College, PA	Centre, PA	warm	12	Crawford, PA	32.8	41.4	471.8	87.2
State College, PA	Centre, PA	warm	12	Cumberland, PA	54.7	67.5	1133.7	155.0
State College, PA	Centre, PA	warm	12	Dauphin, PA	41.4	40.2	984.1	191.6
State College, PA	Centre, PA	warm	12	District of Columbia, DC	51.7	28.3	1049.0	320.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
State College, PA	Centre, PA	warm	12	Elk, PA	8.5	16.8	233.9	419.3
State College, PA	Centre, PA	warm	12	Erie, NY	127.7	244.1	2592.7	2378.9
State College, PA	Centre, PA	warm	12	Erie, PA	34.7	39.8	947.1	402.2
State College, PA	Centre, PA	warm	12	Fairfax, VA	96.7	88.9	2495.5	281.8
State College, PA	Centre, PA	warm	12	Fauquier, VA	34.6	33.0	321.7	28.1
State College, PA	Centre, PA	warm	12	Fayette, PA	23.4	26.7	318.7	101.3
State College, PA	Centre, PA	warm	12	Forest, PA	8.7	8.6	68.9	3.3
State College, PA	Centre, PA	warm	12	Franklin, PA	30.1	51.6	429.0	66.8
State College, PA	Centre, PA	warm	12	Frederick, MD	82.4	105.0	887.5	727.5
State College, PA	Centre, PA	warm	12	Frederick, VA	27.4	30.2	334.4	63.9
State College, PA	Centre, PA	warm	12	Fulton, PA	8.5	11.5	141.3	20.2
State College, PA	Centre, PA	warm	12	Garrett, MD	22.6	19.5	196.0	67.3
State College, PA	Centre, PA	warm	12	Genesee, NY	27.4	40.2	331.0	64.7
State College, PA	Centre, PA	warm	12	Grant, WV	27.0	401.6	1897.2	364.1
State College, PA	Centre, PA	warm	12	Greene, PA	46.5	564.5	1597.9	11494.4
State College, PA	Centre, PA	warm	12	Hampshire, WV	11.3	12.5	62.6	7.9
State College, PA	Centre, PA	warm	12	Hancock, WV	55.2	156.6	345.4	159.9
State College, PA	Centre, PA	warm	12	Hardy, WV	8.2	11.9	72.4	17.2
State College, PA	Centre, PA	warm	12	Harford, MD	69.0	67.0	573.3	181.0
State College, PA	Centre, PA	warm	12	Howard, MD	46.9	35.6	775.8	188.6
State College, PA	Centre, PA	warm	12	Huntingdon, PA	20.2	23.3	198.1	62.1
State College, PA	Centre, PA	warm	12	Indiana, PA	66.8	787.6	3355.1	11571.5
State College, PA	Centre, PA	warm	12	Jefferson, PA	19.2	19.8	235.2	74.0
State College, PA	Centre, PA	warm	12	Jefferson, WV	19.0	25.8	214.8	46.4
State College, PA	Centre, PA	warm	12	Juniata, PA	9.8	12.7	141.7	19.7
State College, PA	Centre, PA	warm	12	Lackawanna, PA	26.2	35.5	522.3	100.1
State College, PA	Centre, PA	warm	12	Lancaster, PA	90.9	154.4	1286.0	315.0
State College, PA	Centre, PA	warm	12	Lawrence, PA	24.6	115.6	706.0	1796.1
State College, PA	Centre, PA	warm	12	Lebanon, PA	26.6	38.4	460.9	139.4
State College, PA	Centre, PA	warm	12	Lehigh, PA	39.3	57.2	902.2	294.0
State College, PA	Centre, PA	warm	12	Livingston, NY	35.4	47.3	199.8	51.4
State College, PA	Centre, PA	warm	12	Loudoun, VA	38.0	37.8	656.5	80.5
State College, PA	Centre, PA	warm	12	Luzerne, PA	61.4	63.5	814.7	561.3
State College, PA	Centre, PA	warm	12	Lycoming, PA	24.1	27.5	336.5	85.4
State College, PA	Centre, PA	warm	12	Marshall, WV	24.2	283.8	3131.9	9256.5
State College, PA	Centre, PA	warm	12	McKean, PA	16.7	28.0	255.2	308.0
State College, PA	Centre, PA	warm	12	Mercer, PA	22.7	36.6	471.4	81.7
State College, PA	Centre, PA	warm	12	Mifflin, PA	19.2	22.7	211.4	38.4
State College, PA	Centre, PA	warm	12	Mineral, WV	15.6	22.3	95.5	35.3
State College, PA	Centre, PA	warm	12	Monongalia, WV	36.8	316.7	1015.9	6611.8
State College, PA	Centre, PA	warm	12	Monroe, NY	93.1	207.0	2253.5	3952.9
State College, PA	Centre, PA	warm	12	Monroe, PA	46.3	41.9	411.4	80.1
State College, PA	Centre, PA	warm	12	Montgomery, MD	164.3	347.4	2099.1	3278.5
State College, PA	Centre, PA	warm	12	Montgomery, PA	87.7	106.7	1827.9	424.4
State College, PA	Centre, PA	warm	12	Montour, PA	33.0	499.6	1098.6	10019.6
State College, PA	Centre, PA	warm	12	Morgan, WV	7.2	11.3	84.1	12.5
State College, PA	Centre, PA	warm	12	Northampton, PA	52.2	293.3	1931.0	4736.9
State College, PA	Centre, PA	warm	12	Northumberland, PA	24.2	31.4	270.0	118.1
State College, PA	Centre, PA	warm	12	Ohio, WV	11.5	11.4	260.9	42.5
State College, PA	Centre, PA	warm	12	Ontario, NY	46.3	61.9	391.9	124.5
State College, PA	Centre, PA	warm	12	Perry, PA	18.3	19.3	197.2	34.8
State College, PA	Centre, PA	warm	12	Potter, PA	10.4	11.1	153.0	14.4
State College, PA	Centre, PA	warm	12	Preston, WV	12.7	72.8	311.2	1346.8
State College, PA	Centre, PA	warm	12	Prince George's, MD	120.1	350.3	2741.9	5018.1
State College, PA	Centre, PA	warm	12	Prince William, VA	41.7	50.0	933.7	564.6
State College, PA	Centre, PA	warm	12	Schuyler, NY	19.0	35.3	68.7	53.6
State College, PA	Centre, PA	warm	12	Schuylkill, PA	42.9	49.9	487.8	567.8
State College, PA	Centre, PA	warm	12	Seneca, NY	14.1	24.1	120.8	35.8
State College, PA	Centre, PA	warm	12	Snyder, PA	16.3	68.1	347.8	2211.7
State College, PA	Centre, PA	warm	12	Somerset, PA	33.3	35.7	365.0	144.6
State College, PA	Centre, PA	warm	12	Steuben, NY	75.9	76.6	424.6	111.3
State College, PA	Centre, PA	warm	12	Sullivan, PA	7.3	8.2	24.1	5.0
State College, PA	Centre, PA	warm	12	Susquehanna, PA	20.5	20.7	162.1	26.0
State College, PA	Centre, PA	warm	12	Tioga, NY	36.8	37.5	166.6	67.7
State College, PA	Centre, PA	warm	12	Tioga, PA	19.3	24.7	157.6	25.0
State College, PA	Centre, PA	warm	12	Tompkins, NY	48.3	63.7	392.7	403.7
State College, PA	Centre, PA	warm	12	Trumbull, OH	49.0	75.2	1048.8	1451.1
State College, PA	Centre, PA	warm	12	Union, PA	11.3	15.2	156.0	28.2
State College, PA	Centre, PA	warm	12	Venango, PA	18.4	21.5	216.2	150.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
State College, PA	Centre, PA	warm	12	Warren, PA	16.5	20.0	187.5	255.7
State College, PA	Centre, PA	warm	12	Washington, MD	47.8	61.3	790.7	510.9
State College, PA	Centre, PA	warm	12	Washington, PA	40.3	81.1	1279.3	495.6
State College, PA	Centre, PA	warm	12	Wayne, NY	50.6	56.8	293.7	98.3
State College, PA	Centre, PA	warm	12	Wayne, PA	26.8	25.0	120.3	37.8
State College, PA	Centre, PA	warm	12	Westmoreland, PA	62.6	69.5	1306.2	275.0
State College, PA	Centre, PA	warm	12	Wyoming, NY	32.7	38.3	114.7	106.0
State College, PA	Centre, PA	warm	12	Wyoming, PA	16.4	18.0	132.8	26.5
State College, PA	Centre, PA	warm	12	Yates, NY	22.1	40.5	225.6	1146.8
State College, PA	Centre, PA	warm	12	York, PA	95.5	442.1	2526.6	9303.6
Steubenville, OH	Brooke, WV	warm	11	Allegany, MD	30.4	49.7	611.5	1644.0
Steubenville, OH	Brooke, WV	warm	11	Allegheny, PA	161.4	174.4	4550.3	3700.5
Steubenville, OH	Brooke, WV	warm	11	Armstrong, PA	56.1	698.2	1463.2	15091.6
Steubenville, OH	Brooke, WV	warm	11	Ashland, OH	26.1	35.8	243.6	15.9
Steubenville, OH	Brooke, WV	warm	11	Ashtabula, OH	46.6	49.5	1046.4	410.8
Steubenville, OH	Brooke, WV	warm	11	Athens, OH	16.4	16.4	235.4	104.9
Steubenville, OH	Brooke, WV	warm	11	Barbour, WV	4.4	10.1	48.0	7.7
Steubenville, OH	Brooke, WV	warm	11	Beaver, PA	32.4	152.4	2401.3	3267.8
Steubenville, OH	Brooke, WV	warm	11	Bedford, PA	20.9	21.5	325.9	56.0
Steubenville, OH	Brooke, WV	warm	11	Belmont, OH	28.2	162.5	718.3	2733.9
Steubenville, OH	Brooke, WV	warm	11	Blair, PA	22.6	30.5	360.6	170.6
Steubenville, OH	Brooke, WV	warm	11	Brooke, WV	13.7	25.2	153.2	97.0
Steubenville, OH	Brooke, WV	warm	11	Butler, PA	31.8	52.4	542.8	241.5
Steubenville, OH	Brooke, WV	warm	11	Calhoun, WV	2.0	5.3	57.0	2.7
Steubenville, OH	Brooke, WV	warm	11	Cambria, PA	23.3	34.3	444.1	557.3
Steubenville, OH	Brooke, WV	warm	11	Carroll, OH	10.2	13.8	116.9	8.8
Steubenville, OH	Brooke, WV	warm	11	Clarion, PA	16.7	19.2	230.3	110.9
Steubenville, OH	Brooke, WV	warm	11	Clearfield, PA	36.2	173.2	810.9	3486.8
Steubenville, OH	Brooke, WV	warm	11	Columbiana, OH	26.3	30.8	314.7	37.7
Steubenville, OH	Brooke, WV	warm	11	Coshocton, OH	34.8	397.3	1657.7	7678.6
Steubenville, OH	Brooke, WV	warm	11	Crawford, PA	30.0	37.9	432.5	79.9
Steubenville, OH	Brooke, WV	warm	11	Cuyahoga, OH	116.4	79.9	3472.6	931.6
Steubenville, OH	Brooke, WV	warm	11	Delaware, OH	37.0	61.4	489.1	41.7
Steubenville, OH	Brooke, WV	warm	11	Doddridge, WV	2.0	5.4	69.2	3.8
Steubenville, OH	Brooke, WV	warm	11	Erie, PA	31.8	36.5	868.1	368.7
Steubenville, OH	Brooke, WV	warm	11	Fairfield, OH	28.0	49.3	427.2	32.3
Steubenville, OH	Brooke, WV	warm	11	Fayette, PA	21.4	24.5	292.2	92.8
Steubenville, OH	Brooke, WV	warm	11	Forest, PA	8.0	7.9	63.2	3.0
Steubenville, OH	Brooke, WV	warm	11	Franklin, OH	95.4	72.4	2710.9	294.4
Steubenville, OH	Brooke, WV	warm	11	Garrett, MD	20.7	17.8	179.6	61.7
Steubenville, OH	Brooke, WV	warm	11	Geauga, OH	33.1	34.3	222.9	32.9
Steubenville, OH	Brooke, WV	warm	11	Gilmer, WV	2.6	5.6	78.8	6.0
Steubenville, OH	Brooke, WV	warm	11	Grant, WV	24.7	368.1	1739.1	333.8
Steubenville, OH	Brooke, WV	warm	11	Greene, PA	42.6	517.5	1464.8	10536.6
Steubenville, OH	Brooke, WV	warm	11	Guernsey, OH	18.6	16.7	431.0	57.4
Steubenville, OH	Brooke, WV	warm	11	Hancock, WV	50.6	143.6	316.6	146.6
Steubenville, OH	Brooke, WV	warm	11	Harrison, OH	6.9	8.4	47.4	9.4
Steubenville, OH	Brooke, WV	warm	11	Harrison, WV	29.8	148.1	1711.6	380.1
Steubenville, OH	Brooke, WV	warm	11	Hocking, OH	11.8	13.6	154.1	16.6
Steubenville, OH	Brooke, WV	warm	11	Holmes, OH	17.7	26.3	108.1	12.0
Steubenville, OH	Brooke, WV	warm	11	Huron, OH	18.5	36.0	208.8	18.9
Steubenville, OH	Brooke, WV	warm	11	Indiana, PA	61.2	722.0	3075.5	10607.2
Steubenville, OH	Brooke, WV	warm	11	Jackson, WV	13.6	41.6	218.3	239.1
Steubenville, OH	Brooke, WV	warm	11	Jefferson, OH	51.9	663.2	3318.5	16106.4
Steubenville, OH	Brooke, WV	warm	11	Jefferson, PA	17.6	18.1	215.6	67.8
Steubenville, OH	Brooke, WV	warm	11	Knox, OH	19.9	33.0	154.9	13.3
Steubenville, OH	Brooke, WV	warm	11	Lake, OH	33.3	178.1	1602.4	5794.8
Steubenville, OH	Brooke, WV	warm	11	Lawrence, PA	22.5	105.9	647.1	1646.4
Steubenville, OH	Brooke, WV	warm	11	Lewis, WV	5.2	7.4	255.4	24.9
Steubenville, OH	Brooke, WV	warm	11	Licking, OH	54.5	83.5	534.7	55.1
Steubenville, OH	Brooke, WV	warm	11	Lorain, OH	55.4	184.7	1660.3	3198.8
Steubenville, OH	Brooke, WV	warm	11	Mahoning, OH	24.3	26.4	725.1	138.5
Steubenville, OH	Brooke, WV	warm	11	Marion, WV	13.6	24.6	294.7	252.5
Steubenville, OH	Brooke, WV	warm	11	Marshall, WV	22.2	260.2	2870.9	8485.2
Steubenville, OH	Brooke, WV	warm	11	Medina, OH	40.1	48.5	492.7	54.7
Steubenville, OH	Brooke, WV	warm	11	Meigs, OH	11.1	11.3	155.4	24.3
Steubenville, OH	Brooke, WV	warm	11	Mercer, PA	20.8	33.6	432.1	74.9
Steubenville, OH	Brooke, WV	warm	11	Mineral, WV	14.3	20.4	87.5	32.4
Steubenville, OH	Brooke, WV	warm	11	Monongalia, WV	33.8	290.3	931.2	6060.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Steubenville, OH	Brooke, WV	warm	11	Monroe, OH	11.0	24.3	178.2	246.9
Steubenville, OH	Brooke, WV	warm	11	Morgan, OH	6.4	9.3	28.9	2.4
Steubenville, OH	Brooke, WV	warm	11	Morrow, OH	14.8	29.0	179.1	10.1
Steubenville, OH	Brooke, WV	warm	11	Muskingum, OH	23.1	35.2	335.4	73.8
Steubenville, OH	Brooke, WV	warm	11	Noble, OH	6.6	8.6	100.3	4.1
Steubenville, OH	Brooke, WV	warm	11	Ohio, WV	10.5	10.4	239.1	38.9
Steubenville, OH	Brooke, WV	warm	11	Perry, OH	10.8	17.3	137.6	12.2
Steubenville, OH	Brooke, WV	warm	11	Pleasants, WV	10.4	106.8	1072.1	4458.3
Steubenville, OH	Brooke, WV	warm	11	Portage, OH	35.6	36.1	522.6	39.4
Steubenville, OH	Brooke, WV	warm	11	Preston, WV	11.7	66.8	285.3	1234.5
Steubenville, OH	Brooke, WV	warm	11	Richland, OH	28.3	43.5	499.6	314.2
Steubenville, OH	Brooke, WV	warm	11	Ritchie, WV	3.1	6.2	51.0	9.3
Steubenville, OH	Brooke, WV	warm	11	Somerset, PA	30.6	32.8	334.6	132.5
Steubenville, OH	Brooke, WV	warm	11	Stark, OH	41.2	60.1	938.0	167.8
Steubenville, OH	Brooke, WV	warm	11	Summit, OH	41.4	30.5	1248.0	901.9
Steubenville, OH	Brooke, WV	warm	11	Taylor, WV	3.7	11.1	104.7	30.5
Steubenville, OH	Brooke, WV	warm	11	Trumbull, OH	44.9	69.0	961.4	1330.2
Steubenville, OH	Brooke, WV	warm	11	Tucker, WV	3.6	12.6	39.4	9.4
Steubenville, OH	Brooke, WV	warm	11	Tuscarawas, OH	21.2	23.8	353.6	207.8
Steubenville, OH	Brooke, WV	warm	11	Tyler, WV	4.0	7.5	102.0	35.3
Steubenville, OH	Brooke, WV	warm	11	Upshur, WV	8.1	10.5	87.4	10.0
Steubenville, OH	Brooke, WV	warm	11	Venango, PA	16.9	19.7	198.2	138.0
Steubenville, OH	Brooke, WV	warm	11	Vinton, OH	6.0	7.4	34.2	5.3
Steubenville, OH	Brooke, WV	warm	11	Warren, PA	15.1	18.4	171.9	234.4
Steubenville, OH	Brooke, WV	warm	11	Washington, OH	53.3	473.5	1749.3	11816.5
Steubenville, OH	Brooke, WV	warm	11	Washington, PA	36.9	74.3	1172.7	454.3
Steubenville, OH	Brooke, WV	warm	11	Wayne, OH	33.7	65.3	542.5	346.0
Steubenville, OH	Brooke, WV	warm	11	Westmoreland, PA	57.4	63.7	1197.4	252.1
Steubenville, OH	Brooke, WV	warm	11	Wetzel, WV	6.1	7.4	286.5	49.7
Steubenville, OH	Brooke, WV	warm	11	Wirt, WV	1.7	5.0	9.6	1.3
Steubenville, OH	Brooke, WV	warm	11	Wood, WV	30.2	37.3	421.7	448.8
Steubenville, OH	Hancock, WV	cold	10	Allegany, MD	18.0	29.4	361.1	970.8
Steubenville, OH	Hancock, WV	cold	10	Allegheny, PA	95.3	103.0	2686.8	2185.1
Steubenville, OH	Hancock, WV	cold	10	Armstrong, PA	33.1	412.3	864.0	8911.3
Steubenville, OH	Hancock, WV	cold	10	Ashland, OH	15.4	21.1	143.8	9.4
Steubenville, OH	Hancock, WV	cold	10	Ashtabula, OH	27.5	29.3	617.9	242.5
Steubenville, OH	Hancock, WV	cold	10	Athens, OH	9.7	9.7	139.0	61.9
Steubenville, OH	Hancock, WV	cold	10	Barbour, WV	2.6	6.0	28.4	4.6
Steubenville, OH	Hancock, WV	cold	10	Beaver, PA	19.1	90.0	1417.9	1929.6
Steubenville, OH	Hancock, WV	cold	10	Bedford, PA	12.3	12.7	192.5	33.1
Steubenville, OH	Hancock, WV	cold	10	Belmont, OH	16.6	95.9	424.1	1614.3
Steubenville, OH	Hancock, WV	cold	10	Blair, PA	13.4	18.0	212.9	100.8
Steubenville, OH	Hancock, WV	cold	10	Brooke, WV	8.1	14.9	90.5	57.3
Steubenville, OH	Hancock, WV	cold	10	Butler, PA	18.7	30.9	320.5	142.6
Steubenville, OH	Hancock, WV	cold	10	Calhoun, WV	1.2	3.1	33.7	1.6
Steubenville, OH	Hancock, WV	cold	10	Cambria, PA	13.8	20.3	262.2	329.1
Steubenville, OH	Hancock, WV	cold	10	Carroll, OH	6.0	8.2	69.1	5.2
Steubenville, OH	Hancock, WV	cold	10	Clarion, PA	9.9	11.3	136.0	65.5
Steubenville, OH	Hancock, WV	cold	10	Clearfield, PA	21.3	102.3	478.8	2058.9
Steubenville, OH	Hancock, WV	cold	10	Columbiana, OH	15.5	18.2	185.8	22.3
Steubenville, OH	Hancock, WV	cold	10	Coshocton, OH	20.5	234.6	978.8	4534.0
Steubenville, OH	Hancock, WV	cold	10	Crawford, PA	17.7	22.4	255.4	47.2
Steubenville, OH	Hancock, WV	cold	10	Cuyahoga, OH	68.7	47.2	2050.5	550.1
Steubenville, OH	Hancock, WV	cold	10	Delaware, OH	21.8	36.3	288.8	24.6
Steubenville, OH	Hancock, WV	cold	10	Doddridge, WV	1.2	3.2	40.9	2.3
Steubenville, OH	Hancock, WV	cold	10	Erie, PA	18.8	21.6	512.6	217.7
Steubenville, OH	Hancock, WV	cold	10	Fairfield, OH	16.5	29.1	252.3	19.1
Steubenville, OH	Hancock, WV	cold	10	Fayette, PA	12.7	14.5	172.5	54.8
Steubenville, OH	Hancock, WV	cold	10	Forest, PA	4.7	4.7	37.3	1.8
Steubenville, OH	Hancock, WV	cold	10	Franklin, OH	56.3	42.8	1600.8	173.8
Steubenville, OH	Hancock, WV	cold	10	Garrett, MD	12.2	10.5	106.1	36.4
Steubenville, OH	Hancock, WV	cold	10	Geauga, OH	19.6	20.3	131.6	19.5
Steubenville, OH	Hancock, WV	cold	10	Gilmer, WV	1.5	3.3	46.5	3.5
Steubenville, OH	Hancock, WV	cold	10	Grant, WV	14.6	217.4	1026.9	197.1
Steubenville, OH	Hancock, WV	cold	10	Greene, PA	25.1	305.6	864.9	6221.6
Steubenville, OH	Hancock, WV	cold	10	Guernsey, OH	11.0	9.9	254.5	33.9
Steubenville, OH	Hancock, WV	cold	10	Hancock, WV	29.9	84.8	187.0	86.6
Steubenville, OH	Hancock, WV	cold	10	Harrison, OH	4.1	5.0	28.0	5.5
Steubenville, OH	Hancock, WV	cold	10	Harrison, WV	17.6	87.5	1010.7	224.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Steubenville, OH	Hancock, WV	cold	10	Hocking, OH	7.0	8.0	91.0	9.8
Steubenville, OH	Hancock, WV	cold	10	Holmes, OH	10.5	15.6	63.8	7.1
Steubenville, OH	Hancock, WV	cold	10	Huron, OH	10.9	21.2	123.3	11.1
Steubenville, OH	Hancock, WV	cold	10	Indiana, PA	36.1	426.3	1816.0	6263.3
Steubenville, OH	Hancock, WV	cold	10	Jackson, WV	8.0	24.6	128.9	141.2
Steubenville, OH	Hancock, WV	cold	10	Jefferson, OH	30.7	391.6	1959.5	9510.5
Steubenville, OH	Hancock, WV	cold	10	Jefferson, PA	10.4	10.7	127.3	40.0
Steubenville, OH	Hancock, WV	cold	10	Knox, OH	11.7	19.5	91.5	7.9
Steubenville, OH	Hancock, WV	cold	10	Lake, OH	19.7	105.1	946.2	3421.7
Steubenville, OH	Hancock, WV	cold	10	Lawrence, PA	13.3	62.6	382.1	972.2
Steubenville, OH	Hancock, WV	cold	10	Lewis, WV	3.0	4.4	150.8	14.7
Steubenville, OH	Hancock, WV	cold	10	Licking, OH	32.2	49.3	315.7	32.5
Steubenville, OH	Hancock, WV	cold	10	Lorain, OH	32.7	109.1	980.4	1888.8
Steubenville, OH	Hancock, WV	cold	10	Mahoning, OH	14.3	15.6	428.2	81.8
Steubenville, OH	Hancock, WV	cold	10	Marion, WV	8.0	14.5	174.0	149.1
Steubenville, OH	Hancock, WV	cold	10	Marshall, WV	13.1	153.6	1695.2	5010.3
Steubenville, OH	Hancock, WV	cold	10	Medina, OH	23.7	28.6	290.9	32.3
Steubenville, OH	Hancock, WV	cold	10	Meigs, OH	6.6	6.7	91.8	14.4
Steubenville, OH	Hancock, WV	cold	10	Mercer, PA	12.3	19.8	255.2	44.2
Steubenville, OH	Hancock, WV	cold	10	Mineral, WV	8.4	12.1	51.7	19.1
Steubenville, OH	Hancock, WV	cold	10	Monongalia, WV	19.9	171.4	549.9	3578.8
Steubenville, OH	Hancock, WV	cold	10	Monroe, OH	6.5	14.3	105.2	145.8
Steubenville, OH	Hancock, WV	cold	10	Morgan, OH	3.8	5.5	17.0	1.4
Steubenville, OH	Hancock, WV	cold	10	Morrow, OH	8.8	17.1	105.7	5.9
Steubenville, OH	Hancock, WV	cold	10	Muskingum, OH	13.6	20.8	198.0	43.6
Steubenville, OH	Hancock, WV	cold	10	Noble, OH	3.9	5.1	59.2	2.4
Steubenville, OH	Hancock, WV	cold	10	Ohio, WV	6.2	6.2	141.2	23.0
Steubenville, OH	Hancock, WV	cold	10	Perry, OH	6.4	10.2	81.2	7.2
Steubenville, OH	Hancock, WV	cold	10	Pleasants, WV	6.1	63.1	633.1	2632.6
Steubenville, OH	Hancock, WV	cold	10	Portage, OH	21.0	21.3	308.6	23.3
Steubenville, OH	Hancock, WV	cold	10	Preston, WV	6.9	39.4	168.5	729.0
Steubenville, OH	Hancock, WV	cold	10	Richland, OH	16.7	25.7	295.0	185.5
Steubenville, OH	Hancock, WV	cold	10	Ritchie, WV	1.8	3.7	30.1	5.5
Steubenville, OH	Hancock, WV	cold	10	Somerset, PA	18.0	19.3	197.6	78.3
Steubenville, OH	Hancock, WV	cold	10	Stark, OH	24.3	35.5	553.8	99.1
Steubenville, OH	Hancock, WV	cold	10	Summit, OH	24.5	18.0	736.9	532.6
Steubenville, OH	Hancock, WV	cold	10	Taylor, WV	2.2	6.6	61.8	18.0
Steubenville, OH	Hancock, WV	cold	10	Trumbull, OH	26.5	40.7	567.7	785.4
Steubenville, OH	Hancock, WV	cold	10	Tucker, WV	2.1	7.4	23.2	5.6
Steubenville, OH	Hancock, WV	cold	10	Tuscarawas, OH	12.5	14.1	208.8	122.7
Steubenville, OH	Hancock, WV	cold	10	Tyler, WV	2.4	4.4	60.2	20.8
Steubenville, OH	Hancock, WV	cold	10	Upshur, WV	4.8	6.2	51.6	5.9
Steubenville, OH	Hancock, WV	cold	10	Venango, PA	10.0	11.6	117.0	81.5
Steubenville, OH	Hancock, WV	cold	10	Vinton, OH	3.5	4.4	20.2	3.1
Steubenville, OH	Hancock, WV	cold	10	Warren, PA	8.9	10.8	101.5	138.4
Steubenville, OH	Hancock, WV	cold	10	Washington, OH	31.4	279.6	1032.9	6977.4
Steubenville, OH	Hancock, WV	cold	10	Washington, PA	21.8	43.9	692.4	268.2
Steubenville, OH	Hancock, WV	cold	10	Wayne, OH	19.9	38.6	320.3	204.3
Steubenville, OH	Hancock, WV	cold	10	Westmoreland, PA	33.9	37.6	707.0	148.8
Steubenville, OH	Hancock, WV	cold	10	Wetzel, WV	3.6	4.4	169.2	29.3
Steubenville, OH	Hancock, WV	cold	10	Wirt, WV	1.0	2.9	5.7	0.8
Steubenville, OH	Hancock, WV	cold	10	Wood, WV	17.8	22.0	249.0	265.0
Steubenville, OH	Hancock, WV	warm	22	Allegany, MD	33.2	54.3	667.1	1793.5
Steubenville, OH	Hancock, WV	warm	22	Allegheny, PA	176.0	190.3	4963.9	4037.0
Steubenville, OH	Hancock, WV	warm	22	Armstrong, PA	61.2	761.7	1596.2	16463.5
Steubenville, OH	Hancock, WV	warm	22	Ashland, OH	28.5	39.1	265.7	17.3
Steubenville, OH	Hancock, WV	warm	22	Ashtabula, OH	50.8	54.0	1141.6	448.1
Steubenville, OH	Hancock, WV	warm	22	Athens, OH	17.9	17.9	256.8	114.4
Steubenville, OH	Hancock, WV	warm	22	Barbour, WV	4.8	11.1	52.4	8.4
Steubenville, OH	Hancock, WV	warm	22	Beaver, PA	35.4	166.2	2619.6	3564.9
Steubenville, OH	Hancock, WV	warm	22	Bedford, PA	22.8	23.5	355.6	61.1
Steubenville, OH	Hancock, WV	warm	22	Belmont, OH	30.7	177.3	783.6	2982.4
Steubenville, OH	Hancock, WV	warm	22	Blair, PA	24.7	33.2	393.4	186.2
Steubenville, OH	Hancock, WV	warm	22	Brooke, WV	15.0	27.5	167.1	105.8
Steubenville, OH	Hancock, WV	warm	22	Butler, PA	34.6	57.1	592.1	263.5
Steubenville, OH	Hancock, WV	warm	22	Calhoun, WV	2.1	5.8	62.2	2.9
Steubenville, OH	Hancock, WV	warm	22	Cambria, PA	25.4	37.4	484.5	608.0
Steubenville, OH	Hancock, WV	warm	22	Carroll, OH	11.1	15.1	127.6	9.6
Steubenville, OH	Hancock, WV	warm	22	Clarion, PA	18.3	21.0	251.2	120.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Steubenville, OH	Hancock, WV	warm	22	Clearfield, PA	39.4	189.0	884.6	3803.8
Steubenville, OH	Hancock, WV	warm	22	Columbiana, OH	28.7	33.6	343.3	41.2
Steubenville, OH	Hancock, WV	warm	22	Coshocton, OH	37.9	433.4	1808.4	8376.6
Steubenville, OH	Hancock, WV	warm	22	Crawford, PA	32.8	41.4	471.8	87.2
Steubenville, OH	Hancock, WV	warm	22	Cuyahoga, OH	127.0	87.1	3788.2	1016.3
Steubenville, OH	Hancock, WV	warm	22	Delaware, OH	40.3	67.0	533.5	45.5
Steubenville, OH	Hancock, WV	warm	22	Doddridge, WV	2.2	5.9	75.5	4.2
Steubenville, OH	Hancock, WV	warm	22	Erie, PA	34.7	39.8	947.1	402.2
Steubenville, OH	Hancock, WV	warm	22	Fairfield, OH	30.5	53.7	466.0	35.3
Steubenville, OH	Hancock, WV	warm	22	Fayette, PA	23.4	26.7	318.7	101.3
Steubenville, OH	Hancock, WV	warm	22	Forest, PA	8.7	8.6	68.9	3.3
Steubenville, OH	Hancock, WV	warm	22	Franklin, OH	104.1	79.0	2957.4	321.1
Steubenville, OH	Hancock, WV	warm	22	Garrett, MD	22.6	19.5	196.0	67.3
Steubenville, OH	Hancock, WV	warm	22	Geauga, OH	36.1	37.5	243.2	35.9
Steubenville, OH	Hancock, WV	warm	22	Gilmer, WV	2.8	6.1	85.9	6.5
Steubenville, OH	Hancock, WV	warm	22	Grant, WV	27.0	401.6	1897.2	364.1
Steubenville, OH	Hancock, WV	warm	22	Greene, PA	46.5	564.5	1597.9	11494.4
Steubenville, OH	Hancock, WV	warm	22	Guernsey, OH	20.3	18.2	470.2	62.6
Steubenville, OH	Hancock, WV	warm	22	Hancock, WV	55.2	156.6	345.4	159.9
Steubenville, OH	Hancock, WV	warm	22	Harrison, OH	7.5	9.2	51.7	10.2
Steubenville, OH	Hancock, WV	warm	22	Harrison, WV	32.5	161.6	1867.2	414.7
Steubenville, OH	Hancock, WV	warm	22	Hocking, OH	12.9	14.8	168.1	18.1
Steubenville, OH	Hancock, WV	warm	22	Holmes, OH	19.3	28.7	118.0	13.1
Steubenville, OH	Hancock, WV	warm	22	Huron, OH	20.2	39.2	227.8	20.6
Steubenville, OH	Hancock, WV	warm	22	Indiana, PA	66.8	787.6	3355.1	11571.5
Steubenville, OH	Hancock, WV	warm	22	Jackson, WV	14.8	45.4	238.1	260.9
Steubenville, OH	Hancock, WV	warm	22	Jefferson, OH	56.6	723.4	3620.2	17570.6
Steubenville, OH	Hancock, WV	warm	22	Jefferson, PA	19.2	19.8	235.2	74.0
Steubenville, OH	Hancock, WV	warm	22	Knox, OH	21.7	36.0	169.0	14.6
Steubenville, OH	Hancock, WV	warm	22	Lake, OH	36.3	194.2	1748.1	6321.6
Steubenville, OH	Hancock, WV	warm	22	Lawrence, PA	24.6	115.6	706.0	1796.1
Steubenville, OH	Hancock, WV	warm	22	Lewis, WV	5.6	8.1	278.6	27.1
Steubenville, OH	Hancock, WV	warm	22	Licking, OH	59.5	91.1	583.3	60.1
Steubenville, OH	Hancock, WV	warm	22	Lorain, OH	60.5	201.5	1811.2	3489.5
Steubenville, OH	Hancock, WV	warm	22	Mahoning, OH	26.5	28.8	791.1	151.1
Steubenville, OH	Hancock, WV	warm	22	Marion, WV	14.8	26.8	321.5	275.5
Steubenville, OH	Hancock, WV	warm	22	Marshall, WV	24.2	283.8	3131.9	9256.5
Steubenville, OH	Hancock, WV	warm	22	Medina, OH	43.8	52.9	537.5	59.7
Steubenville, OH	Hancock, WV	warm	22	Meigs, OH	12.1	12.4	169.5	26.5
Steubenville, OH	Hancock, WV	warm	22	Mercer, PA	22.7	36.6	471.4	81.7
Steubenville, OH	Hancock, WV	warm	22	Mineral, WV	15.6	22.3	95.5	35.3
Steubenville, OH	Hancock, WV	warm	22	Monongalia, WV	36.8	316.7	1015.9	6611.8
Steubenville, OH	Hancock, WV	warm	22	Monroe, OH	12.0	26.5	194.4	269.3
Steubenville, OH	Hancock, WV	warm	22	Morgan, OH	6.9	10.2	31.5	2.6
Steubenville, OH	Hancock, WV	warm	22	Morrow, OH	16.2	31.7	195.3	11.0
Steubenville, OH	Hancock, WV	warm	22	Muskingum, OH	25.2	38.4	365.9	80.5
Steubenville, OH	Hancock, WV	warm	22	Noble, OH	7.2	9.4	109.4	4.5
Steubenville, OH	Hancock, WV	warm	22	Ohio, WV	11.5	11.4	260.9	42.5
Steubenville, OH	Hancock, WV	warm	22	Perry, OH	11.8	18.9	150.1	13.3
Steubenville, OH	Hancock, WV	warm	22	Pleasants, WV	11.3	116.5	1169.6	4863.6
Steubenville, OH	Hancock, WV	warm	22	Portage, OH	38.9	39.4	570.1	43.0
Steubenville, OH	Hancock, WV	warm	22	Preston, WV	12.7	72.8	311.2	1346.8
Steubenville, OH	Hancock, WV	warm	22	Richland, OH	30.8	47.5	545.1	342.8
Steubenville, OH	Hancock, WV	warm	22	Ritchie, WV	3.4	6.8	55.6	10.1
Steubenville, OH	Hancock, WV	warm	22	Somerset, PA	33.3	35.7	365.0	144.6
Steubenville, OH	Hancock, WV	warm	22	Stark, OH	45.0	65.6	1023.2	183.0
Steubenville, OH	Hancock, WV	warm	22	Summit, OH	45.2	33.3	1361.5	983.9
Steubenville, OH	Hancock, WV	warm	22	Taylor, WV	4.0	12.1	114.3	33.3
Steubenville, OH	Hancock, WV	warm	22	Trumbull, OH	49.0	75.2	1048.8	1451.1
Steubenville, OH	Hancock, WV	warm	22	Tucker, WV	3.9	13.7	42.9	10.3
Steubenville, OH	Hancock, WV	warm	22	Tuscarawas, OH	23.1	26.0	385.8	226.7
Steubenville, OH	Hancock, WV	warm	22	Tyler, WV	4.4	8.1	111.3	38.5
Steubenville, OH	Hancock, WV	warm	22	Upshur, WV	8.8	11.4	95.4	10.9
Steubenville, OH	Hancock, WV	warm	22	Venango, PA	18.4	21.5	216.2	150.5
Steubenville, OH	Hancock, WV	warm	22	Vinton, OH	6.5	8.0	37.3	5.8
Steubenville, OH	Hancock, WV	warm	22	Warren, PA	16.5	20.0	187.5	255.7
Steubenville, OH	Hancock, WV	warm	22	Washington, OH	58.1	516.5	1908.3	12890.7
Steubenville, OH	Hancock, WV	warm	22	Washington, PA	40.3	81.1	1279.3	495.6
Steubenville, OH	Hancock, WV	warm	22	Wayne, OH	36.8	71.2	591.8	377.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Steubenville, OH	Hancock, WV	warm	22	Westmoreland, PA	62.6	69.5	1306.2	275.0
Steubenville, OH	Hancock, WV	warm	22	Wetzel, WV	6.7	8.1	312.5	54.2
Steubenville, OH	Hancock, WV	warm	22	Wirt, WV	1.9	5.4	10.5	1.4
Steubenville, OH	Hancock, WV	warm	22	Wood, WV	33.0	40.7	460.1	489.7
Steubenville, OH	Jefferson, OH	cold	3	Allegany, MD	6.0	9.8	120.4	323.6
Steubenville, OH	Jefferson, OH	cold	3	Allegheny, PA	31.8	34.3	895.6	728.4
Steubenville, OH	Jefferson, OH	cold	3	Armstrong, PA	11.0	137.4	288.0	2970.4
Steubenville, OH	Jefferson, OH	cold	3	Ashland, OH	5.1	7.0	47.9	3.1
Steubenville, OH	Jefferson, OH	cold	3	Ashtabula, OH	9.2	9.8	206.0	80.8
Steubenville, OH	Jefferson, OH	cold	3	Athens, OH	3.2	3.2	46.3	20.6
Steubenville, OH	Jefferson, OH	cold	3	Barbour, WV	0.9	2.0	9.5	1.5
Steubenville, OH	Jefferson, OH	cold	3	Beaver, PA	6.4	30.0	472.6	643.2
Steubenville, OH	Jefferson, OH	cold	3	Bedford, PA	4.1	4.2	64.2	11.0
Steubenville, OH	Jefferson, OH	cold	3	Belmont, OH	5.5	32.0	141.4	538.1
Steubenville, OH	Jefferson, OH	cold	3	Blair, PA	4.5	6.0	71.0	33.6
Steubenville, OH	Jefferson, OH	cold	3	Brooke, WV	2.7	5.0	30.2	19.1
Steubenville, OH	Jefferson, OH	cold	3	Butler, PA	6.2	10.3	106.8	47.5
Steubenville, OH	Jefferson, OH	cold	3	Calhoun, WV	0.4	1.0	11.2	0.5
Steubenville, OH	Jefferson, OH	cold	3	Cambria, PA	4.6	6.8	87.4	109.7
Steubenville, OH	Jefferson, OH	cold	3	Carroll, OH	2.0	2.7	23.0	1.7
Steubenville, OH	Jefferson, OH	cold	3	Clarion, PA	3.3	3.8	45.3	21.8
Steubenville, OH	Jefferson, OH	cold	3	Clearfield, PA	7.1	34.1	159.6	686.3
Steubenville, OH	Jefferson, OH	cold	3	Columbiana, OH	5.2	6.1	61.9	7.4
Steubenville, OH	Jefferson, OH	cold	3	Coshocton, OH	6.8	78.2	326.3	1511.3
Steubenville, OH	Jefferson, OH	cold	3	Crawford, PA	5.9	7.5	85.1	15.7
Steubenville, OH	Jefferson, OH	cold	3	Cuyahoga, OH	22.9	15.7	683.5	183.4
Steubenville, OH	Jefferson, OH	cold	3	Delaware, OH	7.3	12.1	96.3	8.2
Steubenville, OH	Jefferson, OH	cold	3	Doddridge, WV	0.4	1.1	13.6	0.8
Steubenville, OH	Jefferson, OH	cold	3	Erie, PA	6.3	7.2	170.9	72.6
Steubenville, OH	Jefferson, OH	cold	3	Fairfield, OH	5.5	9.7	84.1	6.4
Steubenville, OH	Jefferson, OH	cold	3	Fayette, PA	4.2	4.8	57.5	18.3
Steubenville, OH	Jefferson, OH	cold	3	Forest, PA	1.6	1.6	12.4	0.6
Steubenville, OH	Jefferson, OH	cold	3	Franklin, OH	18.8	14.3	533.6	57.9
Steubenville, OH	Jefferson, OH	cold	3	Garrett, MD	4.1	3.5	35.4	12.1
Steubenville, OH	Jefferson, OH	cold	3	Geauga, OH	6.5	6.8	43.9	6.5
Steubenville, OH	Jefferson, OH	cold	3	Gilmer, WV	0.5	1.1	15.5	1.2
Steubenville, OH	Jefferson, OH	cold	3	Grant, WV	4.9	72.5	342.3	65.7
Steubenville, OH	Jefferson, OH	cold	3	Greene, PA	8.4	101.9	288.3	2073.9
Steubenville, OH	Jefferson, OH	cold	3	Guernsey, OH	3.7	3.3	84.8	11.3
Steubenville, OH	Jefferson, OH	cold	3	Hancock, WV	10.0	28.3	62.3	28.9
Steubenville, OH	Jefferson, OH	cold	3	Harrison, OH	1.4	1.7	9.3	1.8
Steubenville, OH	Jefferson, OH	cold	3	Harrison, WV	5.9	29.2	336.9	74.8
Steubenville, OH	Jefferson, OH	cold	3	Hocking, OH	2.3	2.7	30.3	3.3
Steubenville, OH	Jefferson, OH	cold	3	Holmes, OH	3.5	5.2	21.3	2.4
Steubenville, OH	Jefferson, OH	cold	3	Huron, OH	3.6	7.1	41.1	3.7
Steubenville, OH	Jefferson, OH	cold	3	Indiana, PA	12.0	142.1	605.3	2087.8
Steubenville, OH	Jefferson, OH	cold	3	Jackson, WV	2.7	8.2	43.0	47.1
Steubenville, OH	Jefferson, OH	cold	3	Jefferson, OH	10.2	130.5	653.2	3170.2
Steubenville, OH	Jefferson, OH	cold	3	Jefferson, PA	3.5	3.6	42.4	13.3
Steubenville, OH	Jefferson, OH	cold	3	Knox, OH	3.9	6.5	30.5	2.6
Steubenville, OH	Jefferson, OH	cold	3	Lake, OH	6.6	35.0	315.4	1140.6
Steubenville, OH	Jefferson, OH	cold	3	Lawrence, PA	4.4	20.9	127.4	324.1
Steubenville, OH	Jefferson, OH	cold	3	Lewis, WV	1.0	1.5	50.3	4.9
Steubenville, OH	Jefferson, OH	cold	3	Licking, OH	10.7	16.4	105.2	10.8
Steubenville, OH	Jefferson, OH	cold	3	Lorain, OH	10.9	36.4	326.8	629.6
Steubenville, OH	Jefferson, OH	cold	3	Mahoning, OH	4.8	5.2	142.7	27.3
Steubenville, OH	Jefferson, OH	cold	3	Marion, WV	2.7	4.8	58.0	49.7
Steubenville, OH	Jefferson, OH	cold	3	Marshall, WV	4.4	51.2	565.1	1670.1
Steubenville, OH	Jefferson, OH	cold	3	Medina, OH	7.9	9.5	97.0	10.8
Steubenville, OH	Jefferson, OH	cold	3	Meigs, OH	2.2	2.2	30.6	4.8
Steubenville, OH	Jefferson, OH	cold	3	Mercer, PA	4.1	6.6	85.1	14.7
Steubenville, OH	Jefferson, OH	cold	3	Mineral, WV	2.8	4.0	17.2	6.4
Steubenville, OH	Jefferson, OH	cold	3	Monongalia, WV	6.6	57.1	183.3	1192.9
Steubenville, OH	Jefferson, OH	cold	3	Monroe, OH	2.2	4.8	35.1	48.6
Steubenville, OH	Jefferson, OH	cold	3	Morgan, OH	1.3	1.8	5.7	0.5
Steubenville, OH	Jefferson, OH	cold	3	Morrow, OH	2.9	5.7	35.2	2.0
Steubenville, OH	Jefferson, OH	cold	3	Muskingum, OH	4.5	6.9	66.0	14.5
Steubenville, OH	Jefferson, OH	cold	3	Noble, OH	1.3	1.7	19.7	0.8
Steubenville, OH	Jefferson, OH	cold	3	Ohio, WV	2.1	2.1	47.1	7.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Steubenville, OH	Jefferson, OH	cold	3	Perry, OH	2.1	3.4	27.1	2.4
Steubenville, OH	Jefferson, OH	cold	3	Pleasants, WV	2.0	21.0	211.0	877.5
Steubenville, OH	Jefferson, OH	cold	3	Portage, OH	7.0	7.1	102.9	7.8
Steubenville, OH	Jefferson, OH	cold	3	Preston, WV	2.3	13.1	56.2	243.0
Steubenville, OH	Jefferson, OH	cold	3	Richland, OH	5.6	8.6	98.3	61.8
Steubenville, OH	Jefferson, OH	cold	3	Ritchie, WV	0.6	1.2	10.0	1.8
Steubenville, OH	Jefferson, OH	cold	3	Somerset, PA	6.0	6.4	65.9	26.1
Steubenville, OH	Jefferson, OH	cold	3	Stark, OH	8.1	11.8	184.6	33.0
Steubenville, OH	Jefferson, OH	cold	3	Summit, OH	8.2	6.0	245.6	177.5
Steubenville, OH	Jefferson, OH	cold	3	Taylor, WV	0.7	2.2	20.6	6.0
Steubenville, OH	Jefferson, OH	cold	3	Trumbull, OH	8.8	13.6	189.2	261.8
Steubenville, OH	Jefferson, OH	cold	3	Tucker, WV	0.7	2.5	7.7	1.9
Steubenville, OH	Jefferson, OH	cold	3	Tuscarawas, OH	4.2	4.7	69.6	40.9
Steubenville, OH	Jefferson, OH	cold	3	Tyler, WV	0.8	1.5	20.1	6.9
Steubenville, OH	Jefferson, OH	cold	3	Upshur, WV	1.6	2.1	17.2	2.0
Steubenville, OH	Jefferson, OH	cold	3	Venango, PA	3.3	3.9	39.0	27.2
Steubenville, OH	Jefferson, OH	cold	3	Vinton, OH	1.2	1.5	6.7	1.0
Steubenville, OH	Jefferson, OH	cold	3	Warren, PA	3.0	3.6	33.8	46.1
Steubenville, OH	Jefferson, OH	cold	3	Washington, OH	10.5	93.2	344.3	2325.8
Steubenville, OH	Jefferson, OH	cold	3	Washington, PA	7.3	14.6	230.8	89.4
Steubenville, OH	Jefferson, OH	cold	3	Wayne, OH	6.6	12.9	106.8	68.1
Steubenville, OH	Jefferson, OH	cold	3	Westmoreland, PA	11.3	12.5	235.7	49.6
Steubenville, OH	Jefferson, OH	cold	3	Wetzel, WV	1.2	1.5	56.4	9.8
Steubenville, OH	Jefferson, OH	cold	3	Wirt, WV	0.3	1.0	1.9	0.3
Steubenville, OH	Jefferson, OH	cold	3	Wood, WV	5.9	7.3	83.0	88.3
Steubenville, OH	Jefferson, OH	warm	19	Allegany, MD	41.5	67.8	833.8	2241.8
Steubenville, OH	Jefferson, OH	warm	19	Allegheny, PA	220.1	237.9	6204.9	5046.2
Steubenville, OH	Jefferson, OH	warm	19	Armstrong, PA	76.5	952.1	1995.3	20579.4
Steubenville, OH	Jefferson, OH	warm	19	Ashland, OH	35.6	48.8	332.1	21.6
Steubenville, OH	Jefferson, OH	warm	19	Ashtabula, OH	63.5	67.6	1426.9	560.1
Steubenville, OH	Jefferson, OH	warm	19	Athens, OH	22.4	22.4	321.0	143.0
Steubenville, OH	Jefferson, OH	warm	19	Barbour, WV	6.0	13.8	65.5	10.5
Steubenville, OH	Jefferson, OH	warm	19	Beaver, PA	44.2	207.8	3274.5	4456.1
Steubenville, OH	Jefferson, OH	warm	19	Bedford, PA	28.5	29.3	444.5	76.4
Steubenville, OH	Jefferson, OH	warm	19	Belmont, OH	38.4	221.6	979.5	3728.0
Steubenville, OH	Jefferson, OH	warm	19	Blair, PA	30.8	41.5	491.7	232.7
Steubenville, OH	Jefferson, OH	warm	19	Brooke, WV	18.7	34.4	208.9	132.3
Steubenville, OH	Jefferson, OH	warm	19	Butler, PA	43.3	71.4	740.1	329.3
Steubenville, OH	Jefferson, OH	warm	19	Calhoun, WV	2.7	7.2	77.7	3.6
Steubenville, OH	Jefferson, OH	warm	19	Cambria, PA	31.8	46.8	605.6	760.0
Steubenville, OH	Jefferson, OH	warm	19	Carroll, OH	13.9	18.9	159.5	12.0
Steubenville, OH	Jefferson, OH	warm	19	Clarion, PA	22.8	26.2	314.0	151.2
Steubenville, OH	Jefferson, OH	warm	19	Clearfield, PA	49.3	236.2	1105.7	4754.7
Steubenville, OH	Jefferson, OH	warm	19	Columbiana, OH	35.8	42.0	429.1	51.5
Steubenville, OH	Jefferson, OH	warm	19	Coshocton, OH	47.4	541.8	2260.5	10470.8
Steubenville, OH	Jefferson, OH	warm	19	Crawford, PA	40.9	51.7	589.8	109.0
Steubenville, OH	Jefferson, OH	warm	19	Cuyahoga, OH	158.7	108.9	4735.3	1270.4
Steubenville, OH	Jefferson, OH	warm	19	Delaware, OH	50.4	83.8	666.9	56.9
Steubenville, OH	Jefferson, OH	warm	19	Doddridge, WV	2.7	7.4	94.4	5.2
Steubenville, OH	Jefferson, OH	warm	19	Erie, PA	43.4	49.8	1183.8	502.8
Steubenville, OH	Jefferson, OH	warm	19	Fairfield, OH	38.2	67.2	582.5	44.1
Steubenville, OH	Jefferson, OH	warm	19	Fayette, PA	29.2	33.4	398.4	126.6
Steubenville, OH	Jefferson, OH	warm	19	Forest, PA	10.9	10.8	86.2	4.1
Steubenville, OH	Jefferson, OH	warm	19	Franklin, OH	130.1	98.8	3696.7	401.4
Steubenville, OH	Jefferson, OH	warm	19	Garrett, MD	28.2	24.3	245.0	84.1
Steubenville, OH	Jefferson, OH	warm	19	Geauga, OH	45.2	46.8	304.0	44.9
Steubenville, OH	Jefferson, OH	warm	19	Gilmer, WV	3.5	7.7	107.4	8.1
Steubenville, OH	Jefferson, OH	warm	19	Grant, WV	33.7	502.0	2371.5	455.1
Steubenville, OH	Jefferson, OH	warm	19	Greene, PA	58.1	705.7	1997.4	14368.0
Steubenville, OH	Jefferson, OH	warm	19	Guernsey, OH	25.4	22.8	587.7	78.2
Steubenville, OH	Jefferson, OH	warm	19	Hancock, WV	69.0	195.8	431.8	199.9
Steubenville, OH	Jefferson, OH	warm	19	Harrison, OH	9.4	11.5	64.6	12.8
Steubenville, OH	Jefferson, OH	warm	19	Harrison, WV	40.7	202.0	2334.0	518.4
Steubenville, OH	Jefferson, OH	warm	19	Hocking, OH	16.1	18.5	210.2	22.6
Steubenville, OH	Jefferson, OH	warm	19	Holmes, OH	24.2	35.9	147.5	16.4
Steubenville, OH	Jefferson, OH	warm	19	Huron, OH	25.2	49.1	284.7	25.7
Steubenville, OH	Jefferson, OH	warm	19	Indiana, PA	83.5	984.6	4193.8	14464.3
Steubenville, OH	Jefferson, OH	warm	19	Jackson, WV	18.5	56.7	297.7	326.1
Steubenville, OH	Jefferson, OH	warm	19	Jefferson, OH	70.8	904.3	4525.3	21963.2

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Steubenville, OH	Jefferson, OH	warm	19	Jefferson, PA	24.0	24.7	294.0	92.5
Steubenville, OH	Jefferson, OH	warm	19	Knox, OH	27.1	45.1	211.2	18.2
Steubenville, OH	Jefferson, OH	warm	19	Lake, OH	45.4	242.8	2185.1	7902.0
Steubenville, OH	Jefferson, OH	warm	19	Lawrence, PA	30.7	144.5	882.5	2245.1
Steubenville, OH	Jefferson, OH	warm	19	Lewis, WV	7.0	10.1	348.2	33.9
Steubenville, OH	Jefferson, OH	warm	19	Licking, OH	74.3	113.9	729.1	75.1
Steubenville, OH	Jefferson, OH	warm	19	Lorain, OH	75.6	251.9	2264.0	4361.9
Steubenville, OH	Jefferson, OH	warm	19	Mahoning, OH	33.1	35.9	988.8	188.9
Steubenville, OH	Jefferson, OH	warm	19	Marion, WV	18.5	33.6	401.8	344.4
Steubenville, OH	Jefferson, OH	warm	19	Marshall, WV	30.3	354.8	3914.9	11570.7
Steubenville, OH	Jefferson, OH	warm	19	Medina, OH	54.7	66.1	671.9	74.6
Steubenville, OH	Jefferson, OH	warm	19	Meigs, OH	15.1	15.4	211.9	33.1
Steubenville, OH	Jefferson, OH	warm	19	Mercer, PA	28.4	45.8	589.3	102.1
Steubenville, OH	Jefferson, OH	warm	19	Mineral, WV	19.5	27.9	119.4	44.2
Steubenville, OH	Jefferson, OH	warm	19	Monongalia, WV	46.0	395.8	1269.9	8264.8
Steubenville, OH	Jefferson, OH	warm	19	Monroe, OH	15.0	33.1	243.0	336.7
Steubenville, OH	Jefferson, OH	warm	19	Morgan, OH	8.7	12.7	39.3	3.3
Steubenville, OH	Jefferson, OH	warm	19	Morrow, OH	20.2	39.6	244.2	13.7
Steubenville, OH	Jefferson, OH	warm	19	Muskingum, OH	31.5	48.0	457.3	100.6
Steubenville, OH	Jefferson, OH	warm	19	Noble, OH	9.0	11.7	136.7	5.6
Steubenville, OH	Jefferson, OH	warm	19	Ohio, WV	14.4	14.2	326.1	53.1
Steubenville, OH	Jefferson, OH	warm	19	Perry, OH	14.7	23.6	187.6	16.6
Steubenville, OH	Jefferson, OH	warm	19	Pleasants, WV	14.2	145.6	1462.0	6079.5
Steubenville, OH	Jefferson, OH	warm	19	Portage, OH	48.6	49.2	712.6	53.7
Steubenville, OH	Jefferson, OH	warm	19	Preston, WV	15.9	91.0	389.1	1683.4
Steubenville, OH	Jefferson, OH	warm	19	Richland, OH	38.5	59.4	681.3	428.5
Steubenville, OH	Jefferson, OH	warm	19	Ritchie, WV	4.2	8.5	69.5	12.6
Steubenville, OH	Jefferson, OH	warm	19	Somerset, PA	41.7	44.7	456.3	180.7
Steubenville, OH	Jefferson, OH	warm	19	Stark, OH	56.2	82.0	1279.0	228.8
Steubenville, OH	Jefferson, OH	warm	19	Summit, OH	56.5	41.6	1701.9	1229.9
Steubenville, OH	Jefferson, OH	warm	19	Taylor, WV	5.0	15.1	142.8	41.6
Steubenville, OH	Jefferson, OH	warm	19	Trumbull, OH	61.2	94.0	1311.0	1813.9
Steubenville, OH	Jefferson, OH	warm	19	Tucker, WV	4.9	17.2	53.7	12.9
Steubenville, OH	Jefferson, OH	warm	19	Tuscarawas, OH	28.9	32.5	482.2	283.4
Steubenville, OH	Jefferson, OH	warm	19	Tyler, WV	5.5	10.2	139.1	48.1
Steubenville, OH	Jefferson, OH	warm	19	Upshur, WV	11.0	14.3	119.2	13.6
Steubenville, OH	Jefferson, OH	warm	19	Venango, PA	23.1	26.8	270.3	188.1
Steubenville, OH	Jefferson, OH	warm	19	Vinton, OH	8.2	10.1	46.7	7.2
Steubenville, OH	Jefferson, OH	warm	19	Warren, PA	20.6	25.1	234.3	319.7
Steubenville, OH	Jefferson, OH	warm	19	Washington, OH	72.6	645.7	2385.3	16113.4
Steubenville, OH	Jefferson, OH	warm	19	Washington, PA	50.4	101.3	1599.1	619.4
Steubenville, OH	Jefferson, OH	warm	19	Wayne, OH	45.9	89.1	739.8	471.8
Steubenville, OH	Jefferson, OH	warm	19	Westmoreland, PA	78.3	86.9	1632.8	343.7
Steubenville, OH	Jefferson, OH	warm	19	Wetzel, WV	8.4	10.1	390.6	67.7
Steubenville, OH	Jefferson, OH	warm	19	Wirt, WV	2.4	6.8	13.2	1.8
Steubenville, OH	Jefferson, OH	warm	19	Wood, WV	41.2	50.9	575.1	612.1
Tacoma, WA	Pierce, WA	cold	14	Adams, ID	21.6	12.3	44.0	6.9
Tacoma, WA	Pierce, WA	cold	14	Adams, WA	17.4	83.4	241.9	15.7
Tacoma, WA	Pierce, WA	cold	14	Asotin, WA	5.7	8.3	31.0	2.4
Tacoma, WA	Pierce, WA	cold	14	Baker, OR	281.8	151.0	316.5	43.9
Tacoma, WA	Pierce, WA	cold	14	Benewah, ID	38.7	31.3	65.5	7.5
Tacoma, WA	Pierce, WA	cold	14	Benton, WA	56.8	65.0	486.2	36.1
Tacoma, WA	Pierce, WA	cold	14	Bonner, ID	40.2	38.8	295.7	23.6
Tacoma, WA	Pierce, WA	cold	14	Chelan, WA	61.2	34.9	189.7	20.4
Tacoma, WA	Pierce, WA	cold	14	Clackamas, OR	176.7	140.6	743.0	76.2
Tacoma, WA	Pierce, WA	cold	14	Clallam, WA	54.1	36.9	578.0	152.3
Tacoma, WA	Pierce, WA	cold	14	Clark, WA	135.0	100.3	890.9	83.3
Tacoma, WA	Pierce, WA	cold	14	Clatsop, OR	45.4	44.8	209.9	97.8
Tacoma, WA	Pierce, WA	cold	14	Columbia, OR	32.9	32.9	236.0	87.2
Tacoma, WA	Pierce, WA	cold	14	Columbia, WA	124.4	92.2	55.6	12.4
Tacoma, WA	Pierce, WA	cold	14	Cowlitz, WA	56.9	64.8	700.3	246.7
Tacoma, WA	Pierce, WA	cold	14	Crook, OR	27.7	28.3	56.9	6.4
Tacoma, WA	Pierce, WA	cold	14	Deschutes, OR	123.9	130.2	377.5	34.6
Tacoma, WA	Pierce, WA	cold	14	Douglas, WA	22.1	81.7	124.2	7.2
Tacoma, WA	Pierce, WA	cold	14	Ferry, WA	7.3	7.9	27.1	1.9
Tacoma, WA	Pierce, WA	cold	14	Franklin, WA	41.1	65.7	283.1	22.5
Tacoma, WA	Pierce, WA	cold	14	Garfield, WA	40.6	42.4	36.7	6.1
Tacoma, WA	Pierce, WA	cold	14	Gilliam, OR	7.6	20.6	91.2	5.7
Tacoma, WA	Pierce, WA	cold	14	Grant, OR	18.0	16.9	46.8	3.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Tacoma, WA	Pierce, WA	cold	14	Grant, WA	42.6	107.4	296.1	19.9
Tacoma, WA	Pierce, WA	cold	14	Grays Harbor, WA	76.1	41.9	318.1	45.0
Tacoma, WA	Pierce, WA	cold	14	Harney, OR	40.5	27.4	64.6	9.3
Tacoma, WA	Pierce, WA	cold	14	Hood River, OR	30.0	17.7	119.1	21.2
Tacoma, WA	Pierce, WA	cold	14	Idaho, ID	876.7	460.9	261.8	112.3
Tacoma, WA	Pierce, WA	cold	14	Island, WA	30.0	23.7	294.7	32.0
Tacoma, WA	Pierce, WA	cold	14	Jefferson, OR	33.1	35.4	85.6	7.7
Tacoma, WA	Pierce, WA	cold	14	Jefferson, WA	22.9	20.5	271.4	66.9
Tacoma, WA	Pierce, WA	cold	14	King, WA	275.3	134.3	5007.3	486.1
Tacoma, WA	Pierce, WA	cold	14	Kitsap, WA	79.3	63.9	409.4	29.2
Tacoma, WA	Pierce, WA	cold	14	Kittitas, WA	61.1	37.3	229.5	14.6
Tacoma, WA	Pierce, WA	cold	14	Klickitat, WA	52.6	30.5	248.6	43.0
Tacoma, WA	Pierce, WA	cold	14	Kootenai, ID	67.3	83.2	422.3	30.8
Tacoma, WA	Pierce, WA	cold	14	Latah, ID	43.7	44.5	158.4	14.1
Tacoma, WA	Pierce, WA	cold	14	Lewis, WA	67.9	153.6	1410.9	240.5
Tacoma, WA	Pierce, WA	cold	14	Lincoln, OR	46.8	44.6	173.3	30.0
Tacoma, WA	Pierce, WA	cold	14	Lincoln, WA	20.6	100.9	184.6	13.6
Tacoma, WA	Pierce, WA	cold	14	Linn, OR	97.6	99.2	437.3	76.0
Tacoma, WA	Pierce, WA	cold	14	Malheur, OR	53.6	86.9	200.4	67.1
Tacoma, WA	Pierce, WA	cold	14	Marion, OR	142.2	134.6	703.3	81.8
Tacoma, WA	Pierce, WA	cold	14	Mason, WA	29.0	21.1	107.2	6.6
Tacoma, WA	Pierce, WA	cold	14	Morrow, OR	22.0	62.4	688.2	801.3
Tacoma, WA	Pierce, WA	cold	14	Multnomah, OR	357.4	241.0	3014.7	381.1
Tacoma, WA	Pierce, WA	cold	14	Nez Perce, ID	33.3	40.5	293.5	20.9
Tacoma, WA	Pierce, WA	cold	14	Okanogan, WA	32.5	26.7	97.5	6.9
Tacoma, WA	Pierce, WA	cold	14	Pacific, WA	29.1	16.2	117.8	34.5
Tacoma, WA	Pierce, WA	cold	14	Pend Oreille, WA	33.0	18.3	37.3	8.0
Tacoma, WA	Pierce, WA	cold	14	Pierce, WA	148.9	91.8	2107.0	211.3
Tacoma, WA	Pierce, WA	cold	14	Polk, OR	37.2	38.9	147.0	15.3
Tacoma, WA	Pierce, WA	cold	14	Sherman, OR	12.0	24.4	119.9	5.3
Tacoma, WA	Pierce, WA	cold	14	Skagit, WA	54.1	41.4	820.0	683.1
Tacoma, WA	Pierce, WA	cold	14	Skamania, WA	11.3	6.8	102.8	14.8
Tacoma, WA	Pierce, WA	cold	14	Snohomish, WA	146.7	94.6	1498.2	149.0
Tacoma, WA	Pierce, WA	cold	14	Spokane, WA	163.9	183.2	1063.5	77.3
Tacoma, WA	Pierce, WA	cold	14	Stevens, WA	39.5	31.9	146.9	13.3
Tacoma, WA	Pierce, WA	cold	14	Thurston, WA	89.0	56.3	554.0	31.5
Tacoma, WA	Pierce, WA	cold	14	Tillamook, OR	32.2	24.7	94.6	7.7
Tacoma, WA	Pierce, WA	cold	14	Umatilla, OR	137.3	127.7	486.5	44.6
Tacoma, WA	Pierce, WA	cold	14	Union, OR	84.4	55.1	232.3	24.2
Tacoma, WA	Pierce, WA	cold	14	Wahkiakum, WA	5.0	6.2	94.0	42.9
Tacoma, WA	Pierce, WA	cold	14	Walla Walla, WA	80.3	97.0	273.9	199.0
Tacoma, WA	Pierce, WA	cold	14	Wallowa, OR	439.7	227.3	113.5	58.5
Tacoma, WA	Pierce, WA	cold	14	Wasco, OR	37.6	34.0	192.7	28.6
Tacoma, WA	Pierce, WA	cold	14	Washington, OR	215.7	166.3	822.3	137.9
Tacoma, WA	Pierce, WA	cold	14	Whatcom, WA	78.0	60.4	852.0	505.9
Tacoma, WA	Pierce, WA	cold	14	Wheeler, OR	8.5	8.6	10.2	1.4
Tacoma, WA	Pierce, WA	cold	14	Whitman, WA	97.1	234.2	211.3	19.8
Tacoma, WA	Pierce, WA	cold	14	Yakima, WA	87.7	75.4	454.9	31.2
Tacoma, WA	Pierce, WA	cold	14	Yamhill, OR	57.9	59.6	241.9	65.0
Vincennes, IN	Knox, IN	cold	3	Bartholomew, IN	3.2	13.0	47.2	20.2
Vincennes, IN	Knox, IN	cold	3	Benton, IN	1.3	10.4	11.7	1.7
Vincennes, IN	Knox, IN	cold	3	Bond, IL	1.7	6.0	20.5	1.3
Vincennes, IN	Knox, IN	cold	3	Boone, IN	2.7	11.8	49.6	5.7
Vincennes, IN	Knox, IN	cold	3	Breckinridge, KY	1.9	3.0	33.9	4.8
Vincennes, IN	Knox, IN	cold	3	Brown, IN	1.4	1.9	9.8	0.8
Vincennes, IN	Knox, IN	cold	3	Butler, KY	1.0	2.2	8.3	2.7
Vincennes, IN	Knox, IN	cold	3	Caldwell, KY	1.1	3.6	8.4	1.6
Vincennes, IN	Knox, IN	cold	3	Champaign, IL	7.0	23.3	122.6	12.0
Vincennes, IN	Knox, IN	cold	3	Christian, IL	3.0	19.5	231.9	249.1
Vincennes, IN	Knox, IN	cold	3	Clark, IL	2.0	7.1	23.5	1.4
Vincennes, IN	Knox, IN	cold	3	Clark, IN	4.8	12.9	81.4	57.2
Vincennes, IN	Knox, IN	cold	3	Clay, IL	2.2	6.6	16.0	1.2
Vincennes, IN	Knox, IN	cold	3	Clay, IN	2.4	7.9	23.7	3.6
Vincennes, IN	Knox, IN	cold	3	Clinton, IL	2.9	10.0	42.2	7.2
Vincennes, IN	Knox, IN	cold	3	Clinton, IN	1.8	12.6	33.0	10.5
Vincennes, IN	Knox, IN	cold	3	Coles, IL	2.1	8.6	31.4	2.9
Vincennes, IN	Knox, IN	cold	3	Crawford, IL	2.9	21.9	62.6	194.6
Vincennes, IN	Knox, IN	cold	3	Crawford, IN	2.2	2.0	55.5	7.9
Vincennes, IN	Knox, IN	cold	3	Crittenden, KY	1.2	1.5	27.0	5.3

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Vincennes, IN	Knox, IN	cold	3	Cumberland, IL	1.5	5.9	17.5	1.0
Vincennes, IN	Knox, IN	cold	3	Daviess, IN	2.6	10.2	23.0	4.4
Vincennes, IN	Knox, IN	cold	3	Daviess, KY	5.2	13.8	168.1	107.6
Vincennes, IN	Knox, IN	cold	3	Decatur, IN	2.0	11.5	32.9	9.0
Vincennes, IN	Knox, IN	cold	3	Douglas, IL	2.2	9.8	77.9	125.7
Vincennes, IN	Knox, IN	cold	3	Dubois, IN	3.2	12.7	48.7	30.2
Vincennes, IN	Knox, IN	cold	3	Edgar, IL	2.0	11.3	21.5	2.0
Vincennes, IN	Knox, IN	cold	3	Edwards, IL	0.8	3.7	6.9	0.5
Vincennes, IN	Knox, IN	cold	3	Effingham, IL	3.0	8.6	39.7	2.2
Vincennes, IN	Knox, IN	cold	3	Fayette, IL	2.8	8.5	33.5	2.2
Vincennes, IN	Knox, IN	cold	3	Floyd, IN	4.0	36.3	115.6	813.7
Vincennes, IN	Knox, IN	cold	3	Ford, IL	2.2	11.0	17.4	1.4
Vincennes, IN	Knox, IN	cold	3	Fountain, IN	1.5	8.7	24.3	4.5
Vincennes, IN	Knox, IN	cold	3	Franklin, IL	2.3	6.0	32.3	1.9
Vincennes, IN	Knox, IN	cold	3	Gallatin, IL	1.0	5.3	14.1	2.1
Vincennes, IN	Knox, IN	cold	3	Gibson, IN	5.9	77.4	462.1	2190.3
Vincennes, IN	Knox, IN	cold	3	Grayson, KY	1.9	3.4	14.0	5.0
Vincennes, IN	Knox, IN	cold	3	Greene, IN	2.0	5.8	22.1	3.6
Vincennes, IN	Knox, IN	cold	3	Hamilton, IL	1.8	5.7	10.0	0.9
Vincennes, IN	Knox, IN	cold	3	Hamilton, IN	6.1	18.3	113.0	17.3
Vincennes, IN	Knox, IN	cold	3	Hancock, IN	2.4	10.7	44.5	6.1
Vincennes, IN	Knox, IN	cold	3	Hancock, KY	4.8	50.5	120.6	915.6
Vincennes, IN	Knox, IN	cold	3	Hardin, IL	0.7	1.6	16.2	2.9
Vincennes, IN	Knox, IN	cold	3	Hardin, KY	5.1	7.3	66.7	17.1
Vincennes, IN	Knox, IN	cold	3	Harrison, IN	3.4	6.8	48.4	9.5
Vincennes, IN	Knox, IN	cold	3	Henderson, KY	3.8	11.6	78.2	121.9
Vincennes, IN	Knox, IN	cold	3	Hendricks, IN	4.5	14.2	82.1	8.5
Vincennes, IN	Knox, IN	cold	3	Hopkins, KY	2.5	4.6	43.6	6.7
Vincennes, IN	Knox, IN	cold	3	Iroquois, IL	4.3	21.0	52.1	3.9
Vincennes, IN	Knox, IN	cold	3	Jackson, IL	4.0	6.8	59.9	16.9
Vincennes, IN	Knox, IN	cold	3	Jackson, IN	3.2	8.8	47.8	11.5
Vincennes, IN	Knox, IN	cold	3	Jasper, IL	1.9	14.8	82.7	298.8
Vincennes, IN	Knox, IN	cold	3	Jefferson, IL	3.7	8.2	47.0	3.3
Vincennes, IN	Knox, IN	cold	3	Jefferson, IN	2.4	13.8	356.8	1065.8
Vincennes, IN	Knox, IN	cold	3	Jefferson, KY	38.6	40.3	829.9	750.9
Vincennes, IN	Knox, IN	cold	3	Jennings, IN	8.1	13.9	89.9	109.9
Vincennes, IN	Knox, IN	cold	3	Johnson, IL	1.1	2.3	13.0	3.1
Vincennes, IN	Knox, IN	cold	3	Johnson, IN	3.1	12.0	66.6	13.4
Vincennes, IN	Knox, IN	cold	3	Knox, IN	2.5	14.6	53.7	105.0
Vincennes, IN	Knox, IN	cold	3	Lawrence, IL	1.3	5.8	13.4	1.0
Vincennes, IN	Knox, IN	cold	3	Lawrence, IN	3.0	8.5	95.1	64.2
Vincennes, IN	Knox, IN	cold	3	Livingston, KY	1.7	2.6	30.5	4.8
Vincennes, IN	Knox, IN	cold	3	Lyon, KY	1.4	1.9	24.3	2.0
Vincennes, IN	Knox, IN	cold	3	Macon, IL	4.6	23.1	184.7	198.6
Vincennes, IN	Knox, IN	cold	3	Marion, IL	3.3	6.1	27.1	1.7
Vincennes, IN	Knox, IN	cold	3	Marion, IN	17.6	66.0	533.1	861.8
Vincennes, IN	Knox, IN	cold	3	Martin, IN	1.0	3.0	11.8	1.5
Vincennes, IN	Knox, IN	cold	3	McLean, IL	7.6	17.1	137.9	7.9
Vincennes, IN	Knox, IN	cold	3	McLean, KY	1.3	3.2	6.8	0.9
Vincennes, IN	Knox, IN	cold	3	Meade, KY	2.6	3.3	49.8	9.4
Vincennes, IN	Knox, IN	cold	3	Monroe, IN	4.1	11.3	54.0	56.3
Vincennes, IN	Knox, IN	cold	3	Montgomery, IL	3.7	28.3	171.5	582.0
Vincennes, IN	Knox, IN	cold	3	Montgomery, IN	3.6	14.2	51.7	18.2
Vincennes, IN	Knox, IN	cold	3	Morgan, IN	3.4	17.8	94.0	269.1
Vincennes, IN	Knox, IN	cold	3	Moultrie, IL	1.3	6.8	16.5	1.2
Vincennes, IN	Knox, IN	cold	3	Muhlenberg, KY	4.8	42.3	553.2	1426.8
Vincennes, IN	Knox, IN	cold	3	Ohio, KY	2.2	7.6	101.8	159.0
Vincennes, IN	Knox, IN	cold	3	Oldham, KY	3.1	4.9	46.8	7.1
Vincennes, IN	Knox, IN	cold	3	Orange, IN	1.5	4.0	20.2	3.0
Vincennes, IN	Knox, IN	cold	3	Owen, IN	1.5	3.6	15.6	2.7
Vincennes, IN	Knox, IN	cold	3	Parke, IN	1.2	5.3	31.7	1.6
Vincennes, IN	Knox, IN	cold	3	Perry, IL	2.1	5.9	17.0	1.3
Vincennes, IN	Knox, IN	cold	3	Perry, IN	1.9	3.6	42.7	8.5
Vincennes, IN	Knox, IN	cold	3	Piatt, IL	2.0	9.4	46.4	1.6
Vincennes, IN	Knox, IN	cold	3	Pike, IN	2.3	28.0	268.7	747.7
Vincennes, IN	Knox, IN	cold	3	Pope, IL	0.7	1.3	17.3	2.9
Vincennes, IN	Knox, IN	cold	3	Posey, IN	2.7	17.7	172.1	205.6
Vincennes, IN	Knox, IN	cold	3	Putnam, IN	2.4	7.4	66.6	9.9
Vincennes, IN	Knox, IN	cold	3	Richland, IL	1.8	6.2	13.3	1.0

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Vincennes, IN	Knox, IN	cold	3	Ripley, IN	2.2	6.8	27.1	6.3
Vincennes, IN	Knox, IN	cold	3	Saline, IL	1.9	6.8	26.6	1.8
Vincennes, IN	Knox, IN	cold	3	Scott, IN	1.6	3.9	19.3	4.5
Vincennes, IN	Knox, IN	cold	3	Shelby, IL	3.5	11.3	52.9	3.5
Vincennes, IN	Knox, IN	cold	3	Shelby, IN	3.4	15.1	63.8	10.9
Vincennes, IN	Knox, IN	cold	3	Spencer, IN	2.8	17.3	341.1	958.1
Vincennes, IN	Knox, IN	cold	3	Sullivan, IN	2.7	17.8	160.7	296.8
Vincennes, IN	Knox, IN	cold	3	Tippecanoe, IN	6.0	25.4	121.2	117.3
Vincennes, IN	Knox, IN	cold	3	Trimble, KY	1.6	6.0	73.7	78.8
Vincennes, IN	Knox, IN	cold	3	Union, KY	1.9	5.0	24.9	5.1
Vincennes, IN	Knox, IN	cold	3	Vanderburgh, IN	4.4	16.4	99.7	28.7
Vincennes, IN	Knox, IN	cold	3	Vermilion, IL	5.1	25.8	91.0	176.3
Vincennes, IN	Knox, IN	cold	3	Vermillion, IN	2.8	35.0	199.4	1126.0
Vincennes, IN	Knox, IN	cold	3	Vigo, IN	5.7	45.4	208.2	1000.9
Vincennes, IN	Knox, IN	cold	3	Wabash, IL	1.1	4.3	8.3	0.8
Vincennes, IN	Knox, IN	cold	3	Warren, IN	1.0	7.3	13.8	1.6
Vincennes, IN	Knox, IN	cold	3	Warrick, IN	7.6	97.3	258.8	1305.0
Vincennes, IN	Knox, IN	cold	3	Washington, IL	2.2	9.1	24.8	1.7
Vincennes, IN	Knox, IN	cold	3	Washington, IN	2.3	5.8	19.4	5.1
Vincennes, IN	Knox, IN	cold	3	Wayne, IL	2.9	8.8	25.1	4.6
Vincennes, IN	Knox, IN	cold	3	Webster, KY	2.4	11.5	171.8	233.2
Vincennes, IN	Knox, IN	cold	3	White, IL	2.0	7.5	27.2	1.2
Vincennes, IN	Knox, IN	cold	3	Williamson, IL	4.5	25.2	100.9	104.1
Vincennes, IN	Knox, IN	warm	12	Bartholomew, IN	17.8	72.0	261.8	111.9
Vincennes, IN	Knox, IN	warm	12	Benton, IN	6.9	57.6	64.8	9.4
Vincennes, IN	Knox, IN	warm	12	Bond, IL	9.4	33.2	113.8	7.3
Vincennes, IN	Knox, IN	warm	12	Boone, IN	14.8	65.6	275.0	31.4
Vincennes, IN	Knox, IN	warm	12	Breckinridge, KY	10.8	16.7	187.8	26.6
Vincennes, IN	Knox, IN	warm	12	Brown, IN	7.7	10.8	54.5	4.5
Vincennes, IN	Knox, IN	warm	12	Butler, KY	5.8	12.4	46.2	14.9
Vincennes, IN	Knox, IN	warm	12	Caldwell, KY	6.1	19.7	46.5	9.1
Vincennes, IN	Knox, IN	warm	12	Champaign, IL	38.7	129.0	679.6	66.6
Vincennes, IN	Knox, IN	warm	12	Christian, IL	16.4	107.8	1285.2	1380.7
Vincennes, IN	Knox, IN	warm	12	Clark, IL	11.0	39.6	130.5	8.0
Vincennes, IN	Knox, IN	warm	12	Clark, IN	26.5	71.6	450.9	317.1
Vincennes, IN	Knox, IN	warm	12	Clay, IL	12.2	36.6	88.9	6.6
Vincennes, IN	Knox, IN	warm	12	Clay, IN	13.2	43.8	131.5	19.9
Vincennes, IN	Knox, IN	warm	12	Clinton, IL	16.1	55.7	233.9	39.7
Vincennes, IN	Knox, IN	warm	12	Clinton, IN	10.2	69.9	183.1	58.3
Vincennes, IN	Knox, IN	warm	12	Coles, IL	11.4	47.7	174.0	16.0
Vincennes, IN	Knox, IN	warm	12	Crawford, IL	16.0	121.5	347.2	1078.7
Vincennes, IN	Knox, IN	warm	12	Crawford, IN	11.9	11.3	307.8	43.9
Vincennes, IN	Knox, IN	warm	12	Crittenden, KY	6.5	8.2	149.6	29.2
Vincennes, IN	Knox, IN	warm	12	Cumberland, IL	8.0	32.8	97.1	5.4
Vincennes, IN	Knox, IN	warm	12	Daviess, IN	14.3	56.6	127.6	24.6
Vincennes, IN	Knox, IN	warm	12	Daviess, KY	28.8	76.8	931.7	596.5
Vincennes, IN	Knox, IN	warm	12	Decatur, IN	11.3	63.7	182.3	49.8
Vincennes, IN	Knox, IN	warm	12	Douglas, IL	12.3	54.1	431.9	696.7
Vincennes, IN	Knox, IN	warm	12	Dubois, IN	17.8	70.6	269.7	167.2
Vincennes, IN	Knox, IN	warm	12	Edgar, IL	11.3	62.5	119.3	11.4
Vincennes, IN	Knox, IN	warm	12	Edwards, IL	4.7	20.7	38.5	3.0
Vincennes, IN	Knox, IN	warm	12	Effingham, IL	16.5	47.5	219.9	12.3
Vincennes, IN	Knox, IN	warm	12	Fayette, IL	15.6	47.4	185.5	12.3
Vincennes, IN	Knox, IN	warm	12	Floyd, IN	22.4	201.1	640.7	4509.7
Vincennes, IN	Knox, IN	warm	12	Ford, IL	12.0	61.2	96.4	7.7
Vincennes, IN	Knox, IN	warm	12	Fountain, IN	8.3	48.0	134.9	25.0
Vincennes, IN	Knox, IN	warm	12	Franklin, IL	12.8	33.3	179.3	10.5
Vincennes, IN	Knox, IN	warm	12	Gallatin, IL	5.6	29.5	78.2	11.4
Vincennes, IN	Knox, IN	warm	12	Gibson, IN	32.9	429.2	2561.2	12139.7
Vincennes, IN	Knox, IN	warm	12	Grayson, KY	10.6	19.0	77.5	27.7
Vincennes, IN	Knox, IN	warm	12	Greene, IN	11.1	32.3	122.8	19.8
Vincennes, IN	Knox, IN	warm	12	Hamilton, IL	9.9	31.7	55.6	4.9
Vincennes, IN	Knox, IN	warm	12	Hamilton, IN	33.9	101.3	626.5	96.1
Vincennes, IN	Knox, IN	warm	12	Hancock, IN	13.3	59.4	246.6	33.7
Vincennes, IN	Knox, IN	warm	12	Hancock, KY	26.9	279.8	668.2	5074.5
Vincennes, IN	Knox, IN	warm	12	Hardin, IL	3.7	8.8	89.9	15.8
Vincennes, IN	Knox, IN	warm	12	Hardin, KY	28.1	40.3	369.7	94.6
Vincennes, IN	Knox, IN	warm	12	Harrison, IN	18.7	37.8	268.4	52.7
Vincennes, IN	Knox, IN	warm	12	Henderson, KY	20.9	64.1	433.3	675.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Vincennes, IN	Knox, IN	warm	12	Hendricks, IN	25.0	78.7	454.9	47.2
Vincennes, IN	Knox, IN	warm	12	Hopkins, KY	13.6	25.6	241.5	37.2
Vincennes, IN	Knox, IN	warm	12	Iroquois, IL	23.9	116.3	288.9	21.4
Vincennes, IN	Knox, IN	warm	12	Jackson, IL	22.1	37.8	332.1	93.8
Vincennes, IN	Knox, IN	warm	12	Jackson, IN	17.9	48.9	264.8	63.7
Vincennes, IN	Knox, IN	warm	12	Jasper, IL	10.7	82.0	458.6	1656.1
Vincennes, IN	Knox, IN	warm	12	Jefferson, IL	20.5	45.7	260.4	18.1
Vincennes, IN	Knox, IN	warm	12	Jefferson, IN	13.2	76.2	1977.6	5907.3
Vincennes, IN	Knox, IN	warm	12	Jefferson, KY	213.8	223.4	4599.4	4162.1
Vincennes, IN	Knox, IN	warm	12	Jennings, IN	45.1	77.2	498.2	608.9
Vincennes, IN	Knox, IN	warm	12	Johnson, IL	6.1	12.8	72.1	17.0
Vincennes, IN	Knox, IN	warm	12	Johnson, IN	17.3	66.3	368.9	74.1
Vincennes, IN	Knox, IN	warm	12	Knox, IN	14.0	80.9	297.5	582.1
Vincennes, IN	Knox, IN	warm	12	Lawrence, IL	7.0	32.0	74.1	5.8
Vincennes, IN	Knox, IN	warm	12	Lawrence, IN	16.8	47.0	527.2	355.9
Vincennes, IN	Knox, IN	warm	12	Livingston, KY	9.5	14.6	169.0	26.4
Vincennes, IN	Knox, IN	warm	12	Lyon, KY	7.6	10.4	134.5	11.1
Vincennes, IN	Knox, IN	warm	12	Macon, IL	25.6	128.2	1023.5	1100.7
Vincennes, IN	Knox, IN	warm	12	Marion, IL	18.1	33.6	150.1	9.2
Vincennes, IN	Knox, IN	warm	12	Marion, IN	97.7	366.0	2954.7	4776.3
Vincennes, IN	Knox, IN	warm	12	Martin, IN	5.5	16.7	65.4	8.3
Vincennes, IN	Knox, IN	warm	12	McLean, IL	41.9	95.0	764.2	43.8
Vincennes, IN	Knox, IN	warm	12	McLean, KY	7.4	17.8	37.9	5.0
Vincennes, IN	Knox, IN	warm	12	Meade, KY	14.7	18.6	275.8	52.2
Vincennes, IN	Knox, IN	warm	12	Monroe, IN	22.9	62.5	299.1	311.9
Vincennes, IN	Knox, IN	warm	12	Montgomery, IL	20.7	157.1	950.8	3226.0
Vincennes, IN	Knox, IN	warm	12	Montgomery, IN	19.8	78.4	286.7	100.9
Vincennes, IN	Knox, IN	warm	12	Morgan, IN	18.8	98.9	521.0	1491.4
Vincennes, IN	Knox, IN	warm	12	Moultrie, IL	7.1	37.9	91.4	6.6
Vincennes, IN	Knox, IN	warm	12	Muhlenberg, KY	26.4	234.7	3066.4	7908.1
Vincennes, IN	Knox, IN	warm	12	Ohio, KY	12.1	42.4	564.5	881.3
Vincennes, IN	Knox, IN	warm	12	Oldham, KY	17.2	27.2	259.3	39.5
Vincennes, IN	Knox, IN	warm	12	Orange, IN	8.3	22.3	111.9	16.9
Vincennes, IN	Knox, IN	warm	12	Owen, IN	8.3	20.0	86.7	14.7
Vincennes, IN	Knox, IN	warm	12	Parke, IN	6.6	29.5	175.5	8.7
Vincennes, IN	Knox, IN	warm	12	Perry, IL	11.8	32.9	94.0	7.1
Vincennes, IN	Knox, IN	warm	12	Perry, IN	10.7	19.7	236.8	46.9
Vincennes, IN	Knox, IN	warm	12	Piatt, IL	11.0	52.1	256.9	9.0
Vincennes, IN	Knox, IN	warm	12	Pike, IN	12.8	155.0	1489.4	4144.0
Vincennes, IN	Knox, IN	warm	12	Pope, IL	4.0	7.4	95.6	16.3
Vincennes, IN	Knox, IN	warm	12	Posey, IN	15.2	98.0	953.8	1139.7
Vincennes, IN	Knox, IN	warm	12	Putnam, IN	13.6	41.2	369.0	54.9
Vincennes, IN	Knox, IN	warm	12	Richland, IL	10.2	34.3	73.7	5.6
Vincennes, IN	Knox, IN	warm	12	Ripley, IN	11.9	37.9	150.1	34.9
Vincennes, IN	Knox, IN	warm	12	Saline, IL	10.6	37.8	147.4	9.9
Vincennes, IN	Knox, IN	warm	12	Scott, IN	8.7	21.9	107.0	24.9
Vincennes, IN	Knox, IN	warm	12	Shelby, IL	19.3	62.8	292.9	19.3
Vincennes, IN	Knox, IN	warm	12	Shelby, IN	18.7	83.7	353.8	60.2
Vincennes, IN	Knox, IN	warm	12	Spencer, IN	15.8	96.0	1890.5	5310.2
Vincennes, IN	Knox, IN	warm	12	Sullivan, IN	14.8	98.5	890.5	1644.8
Vincennes, IN	Knox, IN	warm	12	Tippecanoe, IN	33.3	140.9	671.8	649.9
Vincennes, IN	Knox, IN	warm	12	Trimble, KY	8.8	33.0	408.3	436.9
Vincennes, IN	Knox, IN	warm	12	Union, KY	10.7	27.6	138.0	28.5
Vincennes, IN	Knox, IN	warm	12	Vanderburgh, IN	24.2	90.8	552.8	159.1
Vincennes, IN	Knox, IN	warm	12	Vermilion, IL	28.1	143.0	504.1	977.4
Vincennes, IN	Knox, IN	warm	12	Vermillion, IN	15.6	194.0	1105.2	6240.6
Vincennes, IN	Knox, IN	warm	12	Vigo, IN	31.7	251.8	1153.8	5547.3
Vincennes, IN	Knox, IN	warm	12	Wabash, IL	6.1	23.6	46.0	4.2
Vincennes, IN	Knox, IN	warm	12	Warren, IN	5.3	40.6	76.3	8.9
Vincennes, IN	Knox, IN	warm	12	Warrick, IN	42.4	539.1	1434.6	7233.1
Vincennes, IN	Knox, IN	warm	12	Washington, IL	12.1	50.3	137.2	9.2
Vincennes, IN	Knox, IN	warm	12	Washington, IN	12.7	32.1	107.7	28.3
Vincennes, IN	Knox, IN	warm	12	Wayne, IL	15.8	48.7	139.0	25.5
Vincennes, IN	Knox, IN	warm	12	Webster, KY	13.1	63.7	952.0	1292.4
Vincennes, IN	Knox, IN	warm	12	White, IL	11.3	41.5	150.9	6.7
Vincennes, IN	Knox, IN	warm	12	Williamson, IL	24.8	139.6	559.3	576.8
Washington, DC	District of Columbia, DC	cold	1	Adams, PA	2.1	3.2	13.3	2.7
Washington, DC	District of Columbia, DC	cold	1	Alexandria (City), VA	0.7	3.9	28.7	42.4
Washington, DC	District of Columbia, DC	cold	1	Allegany, MD	2.0	3.3	40.1	107.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Washington, DC	District of Columbia, DC	cold	1	Anne Arundel, MD	6.2	14.8	158.4	332.9
Washington, DC	District of Columbia, DC	cold	1	Arlington, VA	1.7	1.4	30.9	5.0
Washington, DC	District of Columbia, DC	cold	1	Baltimore (City), MD	3.7	5.8	89.9	53.8
Washington, DC	District of Columbia, DC	cold	1	Baltimore, MD	8.9	18.5	162.6	210.5
Washington, DC	District of Columbia, DC	cold	1	Bedford, PA	1.4	1.4	21.4	3.7
Washington, DC	District of Columbia, DC	cold	1	Berkeley, WV	2.4	3.3	34.3	11.3
Washington, DC	District of Columbia, DC	cold	1	Berks, PA	4.3	10.4	85.3	89.0
Washington, DC	District of Columbia, DC	cold	1	Blair, PA	1.5	2.0	23.7	11.2
Washington, DC	District of Columbia, DC	cold	1	Calvert, MD	1.6	1.4	8.8	2.0
Washington, DC	District of Columbia, DC	cold	1	Caroline, VA	1.0	0.9	13.4	0.8
Washington, DC	District of Columbia, DC	cold	1	Carroll, MD	3.1	3.9	30.2	7.0
Washington, DC	District of Columbia, DC	cold	1	Cecil, MD	2.1	1.9	18.7	6.1
Washington, DC	District of Columbia, DC	cold	1	Centre, PA	2.2	3.1	31.4	26.9
Washington, DC	District of Columbia, DC	cold	1	Charles, MD	2.9	11.9	80.5	383.4
Washington, DC	District of Columbia, DC	cold	1	Chester, PA	3.8	5.8	77.9	37.7
Washington, DC	District of Columbia, DC	cold	1	Clarke, VA	0.4	0.6	4.4	0.6
Washington, DC	District of Columbia, DC	cold	1	Culpeper, VA	1.1	1.3	9.1	1.2
Washington, DC	District of Columbia, DC	cold	1	Cumberland, PA	3.3	4.1	68.2	9.3
Washington, DC	District of Columbia, DC	cold	1	Dauphin, PA	2.5	2.4	59.2	11.5
Washington, DC	District of Columbia, DC	cold	1	District of Columbia, DC	3.1	1.7	63.1	19.3
Washington, DC	District of Columbia, DC	cold	1	Essex, VA	0.3	0.6	3.0	0.5
Washington, DC	District of Columbia, DC	cold	1	Fairfax (City), VA	0.2	0.4	2.0	0.4
Washington, DC	District of Columbia, DC	cold	1	Fairfax, VA	5.8	5.3	150.1	16.9
Washington, DC	District of Columbia, DC	cold	1	Fauquier, VA	2.1	2.0	19.3	1.7
Washington, DC	District of Columbia, DC	cold	1	Franklin, PA	1.8	3.1	25.8	4.0
Washington, DC	District of Columbia, DC	cold	1	Frederick, MD	5.0	6.3	53.4	43.8
Washington, DC	District of Columbia, DC	cold	1	Frederick, VA	1.6	1.8	20.1	3.8
Washington, DC	District of Columbia, DC	cold	1	Fulton, PA	0.5	0.7	8.5	1.2
Washington, DC	District of Columbia, DC	cold	1	Garrett, MD	1.4	1.2	11.8	4.0
Washington, DC	District of Columbia, DC	cold	1	Hampshire, WV	0.7	0.7	3.8	0.5
Washington, DC	District of Columbia, DC	cold	1	Hanover, VA	2.1	2.9	23.6	5.3
Washington, DC	District of Columbia, DC	cold	1	Hardy, WV	0.5	0.7	4.4	1.0
Washington, DC	District of Columbia, DC	cold	1	Harford, MD	4.1	4.0	34.5	10.9
Washington, DC	District of Columbia, DC	cold	1	Howard, MD	2.8	2.1	46.7	11.3
Washington, DC	District of Columbia, DC	cold	1	Huntingdon, PA	1.2	1.4	11.9	3.7
Washington, DC	District of Columbia, DC	cold	1	Jefferson, WV	1.1	1.6	12.9	2.8
Washington, DC	District of Columbia, DC	cold	1	Juniata, PA	0.6	0.8	8.5	1.2
Washington, DC	District of Columbia, DC	cold	1	King and Queen, VA	0.5	0.7	2.0	0.3
Washington, DC	District of Columbia, DC	cold	1	King George, VA	0.6	1.2	6.9	2.9
Washington, DC	District of Columbia, DC	cold	1	King William, VA	0.9	2.0	15.6	22.4
Washington, DC	District of Columbia, DC	cold	1	Lancaster, PA	5.5	9.3	77.3	18.9
Washington, DC	District of Columbia, DC	cold	1	Lebanon, PA	1.6	2.3	27.7	8.4
Washington, DC	District of Columbia, DC	cold	1	Loudoun, VA	2.3	2.3	39.5	4.8
Washington, DC	District of Columbia, DC	cold	1	Louisa, VA	1.2	1.1	8.0	1.0
Washington, DC	District of Columbia, DC	cold	1	Madison, VA	0.5	0.7	2.8	0.4
Washington, DC	District of Columbia, DC	cold	1	Middlesex, VA	0.3	0.6	2.5	0.3
Washington, DC	District of Columbia, DC	cold	1	Mifflin, PA	1.2	1.4	12.7	2.3
Washington, DC	District of Columbia, DC	cold	1	Mineral, WV	0.9	1.3	5.7	2.1
Washington, DC	District of Columbia, DC	cold	1	Montgomery, MD	9.9	20.9	126.2	197.2
Washington, DC	District of Columbia, DC	cold	1	Morgan, WV	0.4	0.7	5.1	0.8
Washington, DC	District of Columbia, DC	cold	1	Northumberland, PA	1.5	1.9	16.2	7.1
Washington, DC	District of Columbia, DC	cold	1	Northumberland, VA	0.5	0.9	3.1	2.2
Washington, DC	District of Columbia, DC	cold	1	Orange, VA	1.0	1.1	16.4	1.6
Washington, DC	District of Columbia, DC	cold	1	Page, VA	0.6	0.8	4.2	1.0
Washington, DC	District of Columbia, DC	cold	1	Perry, PA	1.1	1.2	11.9	2.1
Washington, DC	District of Columbia, DC	cold	1	Prince George's, MD	7.2	21.1	164.9	301.8
Washington, DC	District of Columbia, DC	cold	1	Prince William, VA	2.5	3.0	56.2	34.0
Washington, DC	District of Columbia, DC	cold	1	Rappahannock, VA	0.2	0.4	1.4	0.1
Washington, DC	District of Columbia, DC	cold	1	Richmond, VA	0.3	0.5	2.2	0.3
Washington, DC	District of Columbia, DC	cold	1	Schuylkill, PA	2.6	3.0	29.3	34.1
Washington, DC	District of Columbia, DC	cold	1	Shenandoah, VA	1.2	1.6	15.8	2.1
Washington, DC	District of Columbia, DC	cold	1	Snyder, PA	1.0	4.1	20.9	133.0
Washington, DC	District of Columbia, DC	cold	1	Somerset, PA	2.0	2.1	22.0	8.7
Washington, DC	District of Columbia, DC	cold	1	Spotsylvania, VA	2.2	2.1	27.3	2.1
Washington, DC	District of Columbia, DC	cold	1	St. Mary's, MD	2.0	1.9	13.9	3.8
Washington, DC	District of Columbia, DC	cold	1	Stafford, VA	2.0	1.9	20.8	2.0
Washington, DC	District of Columbia, DC	cold	1	Warren, VA	0.9	1.0	7.0	0.9
Washington, DC	District of Columbia, DC	cold	1	Washington, MD	2.9	3.7	47.6	30.7
Washington, DC	District of Columbia, DC	cold	1	Westmoreland, VA	0.5	0.8	2.7	0.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Washington, DC	District of Columbia, DC	cold	1	York, PA	5.7	26.6	152.0	559.5
Washington, DC	District of Columbia, DC	warm	8	Adams, PA	23.2	35.4	147.7	30.4
Washington, DC	District of Columbia, DC	warm	8	Alexandria (City), VA	7.7	43.2	318.3	470.1
Washington, DC	District of Columbia, DC	warm	8	Allegany, MD	22.1	36.2	444.7	1195.7
Washington, DC	District of Columbia, DC	warm	8	Anne Arundel, MD	68.6	164.2	1755.4	3689.8
Washington, DC	District of Columbia, DC	warm	8	Arlington, VA	18.4	16.0	342.1	55.1
Washington, DC	District of Columbia, DC	warm	8	Baltimore (City), MD	40.6	64.7	996.6	596.5
Washington, DC	District of Columbia, DC	warm	8	Baltimore, MD	98.9	205.5	1802.2	2333.4
Washington, DC	District of Columbia, DC	warm	8	Bedford, PA	15.2	15.6	237.1	40.7
Washington, DC	District of Columbia, DC	warm	8	Berkeley, WV	26.1	37.0	379.7	125.3
Washington, DC	District of Columbia, DC	warm	8	Berks, PA	48.2	114.9	945.7	986.9
Washington, DC	District of Columbia, DC	warm	8	Blair, PA	16.4	22.2	262.3	124.1
Washington, DC	District of Columbia, DC	warm	8	Calvert, MD	17.5	15.7	97.7	22.2
Washington, DC	District of Columbia, DC	warm	8	Caroline, VA	10.8	10.1	149.0	9.0
Washington, DC	District of Columbia, DC	warm	8	Carroll, MD	34.2	42.9	335.1	77.2
Washington, DC	District of Columbia, DC	warm	8	Cecil, MD	23.3	21.3	207.1	67.9
Washington, DC	District of Columbia, DC	warm	8	Centre, PA	24.3	34.5	347.8	298.5
Washington, DC	District of Columbia, DC	warm	8	Charles, MD	32.0	132.3	891.9	4250.0
Washington, DC	District of Columbia, DC	warm	8	Chester, PA	41.8	64.2	863.1	417.8
Washington, DC	District of Columbia, DC	warm	8	Clarke, VA	4.6	7.2	49.3	7.1
Washington, DC	District of Columbia, DC	warm	8	Culpeper, VA	12.1	14.5	100.7	12.8
Washington, DC	District of Columbia, DC	warm	8	Cumberland, PA	36.5	45.0	755.8	103.3
Washington, DC	District of Columbia, DC	warm	8	Dauphin, PA	27.6	26.8	656.1	127.7
Washington, DC	District of Columbia, DC	warm	8	District of Columbia, DC	34.5	18.9	699.3	213.9
Washington, DC	District of Columbia, DC	warm	8	Essex, VA	3.8	6.8	32.8	5.2
Washington, DC	District of Columbia, DC	warm	8	Fairfax (City), VA	1.9	4.2	22.6	4.6
Washington, DC	District of Columbia, DC	warm	8	Fairfax, VA	64.5	59.3	1663.7	187.9
Washington, DC	District of Columbia, DC	warm	8	Fauquier, VA	23.1	22.0	214.4	18.7
Washington, DC	District of Columbia, DC	warm	8	Franklin, PA	20.1	34.4	286.0	44.5
Washington, DC	District of Columbia, DC	warm	8	Frederick, MD	54.9	70.0	591.6	485.0
Washington, DC	District of Columbia, DC	warm	8	Frederick, VA	18.3	20.1	222.9	42.6
Washington, DC	District of Columbia, DC	warm	8	Fulton, PA	5.7	7.7	94.2	13.5
Washington, DC	District of Columbia, DC	warm	8	Garrett, MD	15.1	13.0	130.6	44.8
Washington, DC	District of Columbia, DC	warm	8	Hampshire, WV	7.5	8.3	41.8	5.2
Washington, DC	District of Columbia, DC	warm	8	Hanover, VA	23.4	31.8	261.5	58.9
Washington, DC	District of Columbia, DC	warm	8	Hardy, WV	5.5	7.9	48.3	11.5
Washington, DC	District of Columbia, DC	warm	8	Harford, MD	46.0	44.7	382.2	120.6
Washington, DC	District of Columbia, DC	warm	8	Howard, MD	31.3	23.7	517.2	125.7
Washington, DC	District of Columbia, DC	warm	8	Huntingdon, PA	13.5	15.5	132.1	41.4
Washington, DC	District of Columbia, DC	warm	8	Jefferson, WV	12.7	17.2	143.2	30.9
Washington, DC	District of Columbia, DC	warm	8	Juniata, PA	6.5	8.5	94.5	13.2
Washington, DC	District of Columbia, DC	warm	8	King and Queen, VA	6.0	7.8	22.1	2.9
Washington, DC	District of Columbia, DC	warm	8	King George, VA	6.5	13.7	76.2	32.3
Washington, DC	District of Columbia, DC	warm	8	King William, VA	10.3	22.0	173.0	247.8
Washington, DC	District of Columbia, DC	warm	8	Lancaster, PA	60.6	102.9	857.3	210.0
Washington, DC	District of Columbia, DC	warm	8	Lebanon, PA	17.7	25.6	307.2	93.0
Washington, DC	District of Columbia, DC	warm	8	Loudoun, VA	25.3	25.2	437.7	53.7
Washington, DC	District of Columbia, DC	warm	8	Louisa, VA	12.8	12.6	88.8	10.5
Washington, DC	District of Columbia, DC	warm	8	Madison, VA	5.2	7.5	30.6	4.0
Washington, DC	District of Columbia, DC	warm	8	Middlesex, VA	3.6	6.3	28.0	3.3
Washington, DC	District of Columbia, DC	warm	8	Mifflin, PA	12.8	15.1	140.9	25.6
Washington, DC	District of Columbia, DC	warm	8	Mineral, WV	10.4	14.9	63.7	23.6
Washington, DC	District of Columbia, DC	warm	8	Montgomery, MD	109.5	231.6	1399.4	2185.7
Washington, DC	District of Columbia, DC	warm	8	Morgan, WV	4.8	7.5	56.1	8.4
Washington, DC	District of Columbia, DC	warm	8	Northumberland, PA	16.1	20.9	180.0	78.7
Washington, DC	District of Columbia, DC	warm	8	Northumberland, VA	5.7	9.6	34.5	24.8
Washington, DC	District of Columbia, DC	warm	8	Orange, VA	11.3	11.9	181.4	18.2
Washington, DC	District of Columbia, DC	warm	8	Page, VA	6.7	8.7	46.7	11.6
Washington, DC	District of Columbia, DC	warm	8	Perry, PA	12.2	12.8	131.5	23.2
Washington, DC	District of Columbia, DC	warm	8	Prince George's, MD	80.0	233.5	1827.9	3345.4
Washington, DC	District of Columbia, DC	warm	8	Prince William, VA	27.8	33.3	622.5	376.4
Washington, DC	District of Columbia, DC	warm	8	Rappahannock, VA	2.6	4.6	15.3	1.6
Washington, DC	District of Columbia, DC	warm	8	Richmond, VA	3.0	5.4	24.9	3.0
Washington, DC	District of Columbia, DC	warm	8	Schuylkill, PA	28.6	33.3	325.2	378.5
Washington, DC	District of Columbia, DC	warm	8	Shenandoah, VA	13.0	17.8	174.9	23.0
Washington, DC	District of Columbia, DC	warm	8	Snyder, PA	10.8	45.4	231.9	1474.5
Washington, DC	District of Columbia, DC	warm	8	Somerset, PA	22.2	23.8	243.3	96.4
Washington, DC	District of Columbia, DC	warm	8	Spotsylvania, VA	24.8	23.3	302.2	23.3
Washington, DC	District of Columbia, DC	warm	8	St. Mary's, MD	22.3	20.8	153.6	42.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Washington, DC	District of Columbia, DC	warm	8	Stafford, VA	22.6	20.8	230.3	21.7
Washington, DC	District of Columbia, DC	warm	8	Warren, VA	9.9	10.6	77.8	10.3
Washington, DC	District of Columbia, DC	warm	8	Washington, MD	31.9	40.8	527.1	340.6
Washington, DC	District of Columbia, DC	warm	8	Westmoreland, VA	6.1	8.5	30.4	5.1
Washington, DC	District of Columbia, DC	warm	8	York, PA	63.7	294.7	1684.4	6202.4
York, PA	York, PA	cold	6	Adams, PA	12.6	19.2	80.0	16.4
York, PA	York, PA	cold	6	Alexandria (City), VA	4.2	23.4	172.3	254.4
York, PA	York, PA	cold	6	Allegany, MD	12.0	19.6	240.7	647.2
York, PA	York, PA	cold	6	Allegany, NY	18.1	16.3	55.5	15.1
York, PA	York, PA	cold	6	Anne Arundel, MD	37.1	88.9	950.2	1997.2
York, PA	York, PA	cold	6	Arlington, VA	9.9	8.7	185.2	29.8
York, PA	York, PA	cold	6	Atlantic, NJ	29.6	17.1	206.9	21.3
York, PA	York, PA	cold	6	Baltimore (City), MD	22.0	35.0	539.5	322.8
York, PA	York, PA	cold	6	Baltimore, MD	53.5	111.2	975.5	1263.0
York, PA	York, PA	cold	6	Bedford, PA	8.2	8.5	128.3	22.1
York, PA	York, PA	cold	6	Berkeley, WV	14.1	20.0	205.5	67.8
York, PA	York, PA	cold	6	Berks, PA	26.1	62.2	511.9	534.2
York, PA	York, PA	cold	6	Blair, PA	8.9	12.0	142.0	67.2
York, PA	York, PA	cold	6	Bradford, PA	9.7	10.6	66.0	21.0
York, PA	York, PA	cold	6	Bucks, PA	24.8	30.1	475.2	111.8
York, PA	York, PA	cold	6	Burlington, NJ	32.2	20.9	440.7	95.3
York, PA	York, PA	cold	6	Calvert, MD	9.5	8.5	52.9	12.0
York, PA	York, PA	cold	6	Cambria, PA	9.2	13.5	174.8	219.4
York, PA	York, PA	cold	6	Camden, NJ	16.9	9.5	392.0	52.1
York, PA	York, PA	cold	6	Cameron, PA	1.1	1.9	8.2	2.1
York, PA	York, PA	cold	6	Carbon, PA	8.8	9.0	82.4	40.5
York, PA	York, PA	cold	6	Caroline, MD	3.4	6.2	31.4	16.0
York, PA	York, PA	cold	6	Carroll, MD	18.5	23.2	181.4	41.8
York, PA	York, PA	cold	6	Cecil, MD	12.6	11.6	112.1	36.7
York, PA	York, PA	cold	6	Centre, PA	13.2	18.7	188.2	161.6
York, PA	York, PA	cold	6	Charles, MD	17.3	71.6	482.8	2300.4
York, PA	York, PA	cold	6	Chemung, NY	11.2	14.1	96.7	44.9
York, PA	York, PA	cold	6	Chester, PA	22.6	34.8	467.2	226.1
York, PA	York, PA	cold	6	Clarke, VA	2.5	3.9	26.7	3.8
York, PA	York, PA	cold	6	Clearfield, PA	14.2	68.2	319.2	1372.6
York, PA	York, PA	cold	6	Clinton, PA	5.8	5.0	81.7	15.9
York, PA	York, PA	cold	6	Columbia, PA	5.7	9.1	74.9	22.4
York, PA	York, PA	cold	6	Culpeper, VA	6.6	7.8	54.5	6.9
York, PA	York, PA	cold	6	Cumberland, NJ	12.4	11.6	184.7	90.5
York, PA	York, PA	cold	6	Cumberland, PA	19.8	24.4	409.1	55.9
York, PA	York, PA	cold	6	Dauphin, PA	14.9	14.5	355.1	69.1
York, PA	York, PA	cold	6	Delaware, PA	24.5	35.1	931.2	576.1
York, PA	York, PA	cold	6	District of Columbia, DC	18.7	10.2	378.5	115.8
York, PA	York, PA	cold	6	Fairfax (City), VA	1.0	2.3	12.2	2.5
York, PA	York, PA	cold	6	Fairfax, VA	34.9	32.1	900.5	101.7
York, PA	York, PA	cold	6	Fauquier, VA	12.5	11.9	116.1	10.1
York, PA	York, PA	cold	6	Franklin, PA	10.9	18.6	154.8	24.1
York, PA	York, PA	cold	6	Frederick, MD	29.7	37.9	320.2	262.5
York, PA	York, PA	cold	6	Frederick, VA	9.9	10.9	120.7	23.0
York, PA	York, PA	cold	6	Fulton, PA	3.1	4.2	51.0	7.3
York, PA	York, PA	cold	6	Garrett, MD	8.2	7.0	70.7	24.3
York, PA	York, PA	cold	6	Gloucester, NJ	19.2	21.7	359.8	201.4
York, PA	York, PA	cold	6	Hampshire, WV	4.1	4.5	22.6	2.8
York, PA	York, PA	cold	6	Harford, MD	24.9	24.2	206.9	65.3
York, PA	York, PA	cold	6	Howard, MD	16.9	12.8	280.0	68.0
York, PA	York, PA	cold	6	Hunterdon, NJ	12.8	8.7	109.9	15.7
York, PA	York, PA	cold	6	Huntingdon, PA	7.3	8.4	71.5	22.4
York, PA	York, PA	cold	6	Jefferson, WV	6.9	9.3	77.5	16.7
York, PA	York, PA	cold	6	Juniata, PA	3.5	4.6	51.1	7.1
York, PA	York, PA	cold	6	Kent, DE	12.3	14.4	257.2	126.7
York, PA	York, PA	cold	6	Kent, MD	4.6	7.8	28.4	13.3
York, PA	York, PA	cold	6	King George, VA	3.5	7.4	41.3	17.5
York, PA	York, PA	cold	6	Lackawanna, PA	9.5	12.8	188.5	36.1
York, PA	York, PA	cold	6	Lancaster, PA	32.8	55.7	464.1	113.7
York, PA	York, PA	cold	6	Lebanon, PA	9.6	13.8	166.3	50.3
York, PA	York, PA	cold	6	Lehigh, PA	14.2	20.6	325.6	106.1
York, PA	York, PA	cold	6	Loudoun, VA	13.7	13.7	236.9	29.1
York, PA	York, PA	cold	6	Luzerne, PA	22.2	22.9	294.0	202.5
York, PA	York, PA	cold	6	Lycoming, PA	8.7	9.9	121.4	30.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
York, PA	York, PA	cold	6	McKean, PA	6.0	10.1	92.1	111.1
York, PA	York, PA	cold	6	Mercer, NJ	16.4	26.7	499.3	506.3
York, PA	York, PA	cold	6	Mifflin, PA	6.9	8.2	76.3	13.9
York, PA	York, PA	cold	6	Mineral, WV	5.6	8.0	34.5	12.8
York, PA	York, PA	cold	6	Monroe, PA	16.7	15.1	148.5	28.9
York, PA	York, PA	cold	6	Montgomery, MD	59.3	125.4	757.5	1183.0
York, PA	York, PA	cold	6	Montgomery, PA	31.7	38.5	659.6	153.1
York, PA	York, PA	cold	6	Montour, PA	11.9	180.3	396.4	3615.6
York, PA	York, PA	cold	6	Morgan, WV	2.6	4.1	30.3	4.5
York, PA	York, PA	cold	6	New Castle, DE	25.2	33.9	800.7	1442.1
York, PA	York, PA	cold	6	Northampton, PA	18.8	105.8	696.8	1709.3
York, PA	York, PA	cold	6	Northumberland, PA	8.7	11.3	97.4	42.6
York, PA	York, PA	cold	6	Perry, PA	6.6	6.9	71.2	12.6
York, PA	York, PA	cold	6	Philadelphia, PA	35.3	27.3	1096.2	319.6
York, PA	York, PA	cold	6	Pike, PA	11.8	10.6	66.6	7.5
York, PA	York, PA	cold	6	Potter, PA	3.7	4.0	55.2	5.2
York, PA	York, PA	cold	6	Prince George's, MD	43.3	126.4	989.4	1810.8
York, PA	York, PA	cold	6	Prince William, VA	15.0	18.0	336.9	203.7
York, PA	York, PA	cold	6	Queen Anne's, MD	7.4	11.0	58.7	13.6
York, PA	York, PA	cold	6	Rappahannock, VA	1.4	2.5	8.3	0.9
York, PA	York, PA	cold	6	Salem, NJ	8.9	21.5	204.9	168.3
York, PA	York, PA	cold	6	Schuylkill, PA	15.5	18.0	176.0	204.9
York, PA	York, PA	cold	6	Snyder, PA	5.9	24.6	125.5	798.1
York, PA	York, PA	cold	6	Somerset, PA	12.0	12.9	131.7	52.2
York, PA	York, PA	cold	6	St. Mary's, MD	12.1	11.3	83.2	23.0
York, PA	York, PA	cold	6	Stafford, VA	12.2	11.3	124.7	11.7
York, PA	York, PA	cold	6	Steuben, NY	27.4	27.6	153.2	40.2
York, PA	York, PA	cold	6	Sullivan, PA	2.6	3.0	8.7	1.8
York, PA	York, PA	cold	6	Susquehanna, PA	7.4	7.5	58.5	9.4
York, PA	York, PA	cold	6	Sussex, DE	22.0	59.0	503.5	771.3
York, PA	York, PA	cold	6	Sussex, NJ	21.0	14.5	77.2	18.9
York, PA	York, PA	cold	6	Talbot, MD	7.7	9.1	74.5	22.6
York, PA	York, PA	cold	6	Tioga, NY	13.3	13.5	60.1	24.4
York, PA	York, PA	cold	6	Tioga, PA	7.0	8.9	56.9	9.0
York, PA	York, PA	cold	6	Union, PA	4.1	5.5	56.3	10.2
York, PA	York, PA	cold	6	Warren, NJ	16.6	13.6	144.0	15.9
York, PA	York, PA	cold	6	Warren, VA	5.3	5.7	42.1	5.6
York, PA	York, PA	cold	6	Washington, MD	17.3	22.1	285.3	184.4
York, PA	York, PA	cold	6	Wayne, PA	9.7	9.0	43.4	13.6
York, PA	York, PA	cold	6	Wyoming, PA	5.9	6.5	47.9	9.5
York, PA	York, PA	cold	6	York, PA	34.5	159.5	911.7	3357.2
York, PA	York, PA	warm	7	Adams, PA	20.3	31.0	129.3	26.6
York, PA	York, PA	warm	7	Alexandria (City), VA	6.7	37.8	278.5	411.3
York, PA	York, PA	warm	7	Allegany, MD	19.4	31.6	389.1	1046.2
York, PA	York, PA	warm	7	Allegany, NY	29.2	26.3	89.7	24.4
York, PA	York, PA	warm	7	Anne Arundel, MD	60.0	143.7	1536.0	3228.6
York, PA	York, PA	warm	7	Arlington, VA	16.1	14.0	299.3	48.2
York, PA	York, PA	warm	7	Atlantic, NJ	47.8	27.6	334.5	34.4
York, PA	York, PA	warm	7	Baltimore (City), MD	35.6	56.6	872.1	521.9
York, PA	York, PA	warm	7	Baltimore, MD	86.5	179.8	1576.9	2041.7
York, PA	York, PA	warm	7	Bedford, PA	13.3	13.7	207.4	35.6
York, PA	York, PA	warm	7	Berkeley, WV	22.8	32.3	332.2	109.6
York, PA	York, PA	warm	7	Berks, PA	42.2	100.5	827.4	863.5
York, PA	York, PA	warm	7	Blair, PA	14.4	19.4	229.5	108.6
York, PA	York, PA	warm	7	Bradford, PA	15.6	17.1	106.7	34.0
York, PA	York, PA	warm	7	Bucks, PA	40.1	48.6	768.3	180.8
York, PA	York, PA	warm	7	Burlington, NJ	52.0	33.7	712.3	154.1
York, PA	York, PA	warm	7	Calvert, MD	15.3	13.8	85.5	19.4
York, PA	York, PA	warm	7	Cambria, PA	14.8	21.8	282.6	354.7
York, PA	York, PA	warm	7	Camden, NJ	27.3	15.4	633.8	84.2
York, PA	York, PA	warm	7	Cameron, PA	1.8	3.0	13.3	3.5
York, PA	York, PA	warm	7	Carbon, PA	14.3	14.5	133.3	65.5
York, PA	York, PA	warm	7	Caroline, MD	5.5	10.0	50.8	25.9
York, PA	York, PA	warm	7	Carroll, MD	29.9	37.5	293.2	67.5
York, PA	York, PA	warm	7	Cecil, MD	20.4	18.7	181.3	59.4
York, PA	York, PA	warm	7	Centre, PA	21.3	30.2	304.3	261.2
York, PA	York, PA	warm	7	Charles, MD	28.0	115.7	780.4	3718.7
York, PA	York, PA	warm	7	Chemung, NY	18.2	22.9	156.4	72.5
York, PA	York, PA	warm	7	Chester, PA	36.6	56.2	755.2	365.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
York, PA	York, PA	warm	7	Clarke, VA	4.0	6.3	43.1	6.2
York, PA	York, PA	warm	7	Clearfield, PA	23.0	110.2	516.0	2218.9
York, PA	York, PA	warm	7	Clinton, PA	9.3	8.1	132.0	25.7
York, PA	York, PA	warm	7	Columbia, PA	9.2	14.7	121.1	36.2
York, PA	York, PA	warm	7	Culpeper, VA	10.6	12.7	88.1	11.2
York, PA	York, PA	warm	7	Cumberland, NJ	20.1	18.7	298.6	146.2
York, PA	York, PA	warm	7	Cumberland, PA	31.9	39.4	661.3	90.4
York, PA	York, PA	warm	7	Dauphin, PA	24.1	23.5	574.1	111.8
York, PA	York, PA	warm	7	Delaware, PA	39.6	56.7	1505.4	931.3
York, PA	York, PA	warm	7	District of Columbia, DC	30.2	16.5	611.9	187.1
York, PA	York, PA	warm	7	Fairfax (City), VA	1.7	3.7	19.8	4.0
York, PA	York, PA	warm	7	Fairfax, VA	56.4	51.9	1455.7	164.4
York, PA	York, PA	warm	7	Fauquier, VA	20.2	19.2	187.6	16.4
York, PA	York, PA	warm	7	Franklin, PA	17.6	30.1	250.3	38.9
York, PA	York, PA	warm	7	Frederick, MD	48.1	61.2	517.7	424.4
York, PA	York, PA	warm	7	Frederick, VA	16.0	17.6	195.0	37.3
York, PA	York, PA	warm	7	Fulton, PA	5.0	6.7	82.4	11.8
York, PA	York, PA	warm	7	Garrett, MD	13.2	11.4	114.3	39.2
York, PA	York, PA	warm	7	Gloucester, NJ	31.0	35.1	581.6	325.6
York, PA	York, PA	warm	7	Hampshire, WV	6.6	7.3	36.5	4.6
York, PA	York, PA	warm	7	Harford, MD	40.2	39.1	334.4	105.6
York, PA	York, PA	warm	7	Howard, MD	27.4	20.7	452.6	110.0
York, PA	York, PA	warm	7	Hunterdon, NJ	20.8	14.0	177.6	25.4
York, PA	York, PA	warm	7	Huntingdon, PA	11.8	13.6	115.6	36.2
York, PA	York, PA	warm	7	Jefferson, WV	11.1	15.1	125.3	27.0
York, PA	York, PA	warm	7	Juniata, PA	5.7	7.4	82.7	11.5
York, PA	York, PA	warm	7	Kent, DE	19.9	23.2	415.8	204.9
York, PA	York, PA	warm	7	Kent, MD	7.4	12.5	45.8	21.5
York, PA	York, PA	warm	7	King George, VA	5.7	12.0	66.7	28.2
York, PA	York, PA	warm	7	Lackawanna, PA	15.3	20.7	304.7	58.4
York, PA	York, PA	warm	7	Lancaster, PA	53.0	90.1	750.2	183.8
York, PA	York, PA	warm	7	Lebanon, PA	15.5	22.4	268.8	81.3
York, PA	York, PA	warm	7	Lehigh, PA	22.9	33.3	526.3	171.5
York, PA	York, PA	warm	7	Loudoun, VA	22.2	22.1	382.9	47.0
York, PA	York, PA	warm	7	Luzerne, PA	35.8	37.1	475.2	327.4
York, PA	York, PA	warm	7	Lycoming, PA	14.1	16.0	196.3	49.8
York, PA	York, PA	warm	7	McKean, PA	9.7	16.4	148.9	179.7
York, PA	York, PA	warm	7	Mercer, NJ	26.5	43.2	807.1	818.5
York, PA	York, PA	warm	7	Mifflin, PA	11.2	13.2	123.3	22.4
York, PA	York, PA	warm	7	Mineral, WV	9.1	13.0	55.7	20.6
York, PA	York, PA	warm	7	Monroe, PA	27.0	24.5	240.0	46.8
York, PA	York, PA	warm	7	Montgomery, MD	95.8	202.6	1224.5	1912.5
York, PA	York, PA	warm	7	Montgomery, PA	51.2	62.2	1066.3	247.6
York, PA	York, PA	warm	7	Montour, PA	19.2	291.4	640.8	5844.8
York, PA	York, PA	warm	7	Morgan, WV	4.2	6.6	49.0	7.3
York, PA	York, PA	warm	7	New Castle, DE	40.8	54.8	1294.4	2331.3
York, PA	York, PA	warm	7	Northampton, PA	30.4	171.1	1126.4	2763.2
York, PA	York, PA	warm	7	Northumberland, PA	14.1	18.3	157.5	68.9
York, PA	York, PA	warm	7	Perry, PA	10.7	11.2	115.1	20.3
York, PA	York, PA	warm	7	Philadelphia, PA	57.1	44.2	1772.1	516.7
York, PA	York, PA	warm	7	Pike, PA	19.1	17.1	107.7	12.2
York, PA	York, PA	warm	7	Potter, PA	6.0	6.5	89.2	8.4
York, PA	York, PA	warm	7	Prince George's, MD	70.0	204.3	1599.4	2927.2
York, PA	York, PA	warm	7	Prince William, VA	24.3	29.2	544.7	329.3
York, PA	York, PA	warm	7	Queen Anne's, MD	11.9	17.8	95.0	21.9
York, PA	York, PA	warm	7	Rappahannock, VA	2.3	4.0	13.4	1.4
York, PA	York, PA	warm	7	Salem, NJ	14.4	34.8	331.3	272.1
York, PA	York, PA	warm	7	Schuylkill, PA	25.0	29.1	284.5	331.2
York, PA	York, PA	warm	7	Snyder, PA	9.5	39.8	202.9	1290.2
York, PA	York, PA	warm	7	Somerset, PA	19.4	20.8	212.9	84.3
York, PA	York, PA	warm	7	St. Mary's, MD	19.5	18.2	134.4	37.2
York, PA	York, PA	warm	7	Stafford, VA	19.8	18.2	201.5	19.0
York, PA	York, PA	warm	7	Steuben, NY	44.3	44.7	247.7	64.9
York, PA	York, PA	warm	7	Sullivan, PA	4.2	4.8	14.1	2.9
York, PA	York, PA	warm	7	Susquehanna, PA	12.0	12.1	94.6	15.2
York, PA	York, PA	warm	7	Sussex, DE	35.6	95.4	814.0	1246.9
York, PA	York, PA	warm	7	Sussex, NJ	34.0	23.5	124.7	30.6
York, PA	York, PA	warm	7	Talbot, MD	12.4	14.7	120.4	36.6
York, PA	York, PA	warm	7	Tioga, NY	21.5	21.9	97.2	39.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
York, PA	York, PA	warm	7	Tioga, PA	11.3	14.4	91.9	14.6
York, PA	York, PA	warm	7	Union, PA	6.6	8.9	91.0	16.4
York, PA	York, PA	warm	7	Warren, NJ	26.9	22.0	232.8	25.8
York, PA	York, PA	warm	7	Warren, VA	8.6	9.2	68.1	9.0
York, PA	York, PA	warm	7	Washington, MD	27.9	35.7	461.2	298.0
York, PA	York, PA	warm	7	Wayne, PA	15.6	14.6	70.2	22.0
York, PA	York, PA	warm	7	Wyoming, PA	9.6	10.5	77.5	15.4
York, PA	York, PA	warm	7	York, PA	55.7	257.9	1473.8	5427.1
Youngstown, OH	Mahoning, OH	cold	6	Allegany, NY	18.1	16.3	55.5	15.1
Youngstown, OH	Mahoning, OH	cold	6	Allegheny, PA	63.5	68.7	1791.2	1456.7
Youngstown, OH	Mahoning, OH	cold	6	Armstrong, PA	22.1	274.9	576.0	5940.8
Youngstown, OH	Mahoning, OH	cold	6	Ashland, OH	10.3	14.1	95.9	6.2
Youngstown, OH	Mahoning, OH	cold	6	Ashtabula, OH	18.3	19.5	411.9	161.7
Youngstown, OH	Mahoning, OH	cold	6	Beaver, PA	12.8	60.0	945.3	1286.4
Youngstown, OH	Mahoning, OH	cold	6	Belmont, OH	11.1	64.0	282.8	1076.2
Youngstown, OH	Mahoning, OH	cold	6	Brooke, WV	5.4	9.9	60.3	38.2
Youngstown, OH	Mahoning, OH	cold	6	Butler, PA	12.5	20.6	213.7	95.1
Youngstown, OH	Mahoning, OH	cold	6	Cambria, PA	9.2	13.5	174.8	219.4
Youngstown, OH	Mahoning, OH	cold	6	Cameron, PA	1.1	1.9	8.2	2.1
Youngstown, OH	Mahoning, OH	cold	6	Carroll, OH	4.0	5.4	46.0	3.5
Youngstown, OH	Mahoning, OH	cold	6	Cattaraugus, NY	26.2	23.7	88.2	30.4
Youngstown, OH	Mahoning, OH	cold	6	Chautauqua, NY	31.1	96.9	306.9	712.3
Youngstown, OH	Mahoning, OH	cold	6	Clarion, PA	6.6	7.6	90.6	43.6
Youngstown, OH	Mahoning, OH	cold	6	Clearfield, PA	14.2	68.2	319.2	1372.6
Youngstown, OH	Mahoning, OH	cold	6	Columbiana, OH	10.3	12.1	123.9	14.9
Youngstown, OH	Mahoning, OH	cold	6	Coshocton, OH	13.7	156.4	652.6	3022.7
Youngstown, OH	Mahoning, OH	cold	6	Crawford, OH	5.6	12.7	81.0	6.4
Youngstown, OH	Mahoning, OH	cold	6	Crawford, PA	11.8	14.9	170.2	31.5
Youngstown, OH	Mahoning, OH	cold	6	Cuyahoga, OH	45.8	31.4	1367.0	366.7
Youngstown, OH	Mahoning, OH	cold	6	Delaware, OH	14.6	24.2	192.5	16.4
Youngstown, OH	Mahoning, OH	cold	6	Elk, PA	3.1	6.1	84.4	151.3
Youngstown, OH	Mahoning, OH	cold	6	Erie, NY	46.1	88.1	935.6	858.4
Youngstown, OH	Mahoning, OH	cold	6	Erie, OH	8.8	11.8	202.6	31.8
Youngstown, OH	Mahoning, OH	cold	6	Erie, PA	12.5	14.4	341.7	145.1
Youngstown, OH	Mahoning, OH	cold	6	Fairfield, OH	11.0	19.4	168.2	12.7
Youngstown, OH	Mahoning, OH	cold	6	Fayette, PA	8.4	9.6	115.0	36.5
Youngstown, OH	Mahoning, OH	cold	6	Forest, PA	3.2	3.1	24.9	1.2
Youngstown, OH	Mahoning, OH	cold	6	Franklin, OH	37.6	28.5	1067.2	115.9
Youngstown, OH	Mahoning, OH	cold	6	Garrett, MD	8.2	7.0	70.7	24.3
Youngstown, OH	Mahoning, OH	cold	6	Geauga, OH	13.0	13.5	87.8	13.0
Youngstown, OH	Mahoning, OH	cold	6	Greene, PA	16.8	203.7	576.6	4147.8
Youngstown, OH	Mahoning, OH	cold	6	Guernsey, OH	7.3	6.6	169.7	22.6
Youngstown, OH	Mahoning, OH	cold	6	Hancock, WV	19.9	56.5	124.6	57.7
Youngstown, OH	Mahoning, OH	cold	6	Harrison, OH	2.7	3.3	18.7	3.7
Youngstown, OH	Mahoning, OH	cold	6	Holmes, OH	7.0	10.4	42.6	4.7
Youngstown, OH	Mahoning, OH	cold	6	Huron, OH	7.3	14.2	82.2	7.4
Youngstown, OH	Mahoning, OH	cold	6	Indiana, PA	24.1	284.2	1210.7	4175.5
Youngstown, OH	Mahoning, OH	cold	6	Jefferson, OH	20.4	261.1	1306.4	6340.3
Youngstown, OH	Mahoning, OH	cold	6	Jefferson, PA	6.9	7.1	84.9	26.7
Youngstown, OH	Mahoning, OH	cold	6	Knox, OH	7.8	13.0	61.0	5.3
Youngstown, OH	Mahoning, OH	cold	6	Lake, OH	13.1	70.1	630.8	2281.2
Youngstown, OH	Mahoning, OH	cold	6	Lawrence, PA	8.9	41.7	254.7	648.1
Youngstown, OH	Mahoning, OH	cold	6	Licking, OH	21.5	32.9	210.5	21.7
Youngstown, OH	Mahoning, OH	cold	6	Lorain, OH	21.8	72.7	653.6	1259.2
Youngstown, OH	Mahoning, OH	cold	6	Mahoning, OH	9.6	10.4	285.5	54.5
Youngstown, OH	Mahoning, OH	cold	6	Marion, OH	6.9	16.3	96.8	18.5
Youngstown, OH	Mahoning, OH	cold	6	Marshall, WV	8.7	102.4	1130.2	3340.2
Youngstown, OH	Mahoning, OH	cold	6	McKean, PA	6.0	10.1	92.1	111.1
Youngstown, OH	Mahoning, OH	cold	6	Medina, OH	15.8	19.1	194.0	21.5
Youngstown, OH	Mahoning, OH	cold	6	Mercer, PA	8.2	13.2	170.1	29.5
Youngstown, OH	Mahoning, OH	cold	6	Monongalia, WV	13.3	114.3	366.6	2385.9
Youngstown, OH	Mahoning, OH	cold	6	Monroe, OH	4.3	9.6	70.1	97.2
Youngstown, OH	Mahoning, OH	cold	6	Morgan, OH	2.5	3.7	11.4	1.0
Youngstown, OH	Mahoning, OH	cold	6	Morrow, OH	5.8	11.4	70.5	4.0
Youngstown, OH	Mahoning, OH	cold	6	Muskingum, OH	9.1	13.8	132.0	29.0
Youngstown, OH	Mahoning, OH	cold	6	Noble, OH	2.6	3.4	39.5	1.6
Youngstown, OH	Mahoning, OH	cold	6	Ohio, WV	4.1	4.1	94.1	15.3
Youngstown, OH	Mahoning, OH	cold	6	Perry, OH	4.2	6.8	54.1	4.8
Youngstown, OH	Mahoning, OH	cold	6	Portage, OH	14.0	14.2	205.7	15.5

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Youngstown, OH	Mahoning, OH	cold	6	Potter, PA	3.7	4.0	55.2	5.2
Youngstown, OH	Mahoning, OH	cold	6	Preston, WV	4.6	26.3	112.3	486.0
Youngstown, OH	Mahoning, OH	cold	6	Richland, OH	11.1	17.1	196.7	123.7
Youngstown, OH	Mahoning, OH	cold	6	Sandusky, OH	7.5	19.6	208.6	62.1
Youngstown, OH	Mahoning, OH	cold	6	Seneca, OH	8.5	18.4	114.9	64.2
Youngstown, OH	Mahoning, OH	cold	6	Somerset, PA	12.0	12.9	131.7	52.2
Youngstown, OH	Mahoning, OH	cold	6	Stark, OH	16.2	23.7	369.2	66.0
Youngstown, OH	Mahoning, OH	cold	6	Summit, OH	16.3	12.0	491.3	355.1
Youngstown, OH	Mahoning, OH	cold	6	Trumbull, OH	17.7	27.1	378.5	523.6
Youngstown, OH	Mahoning, OH	cold	6	Tuscarawas, OH	8.3	9.4	139.2	81.8
Youngstown, OH	Mahoning, OH	cold	6	Tyler, WV	1.6	2.9	40.1	13.9
Youngstown, OH	Mahoning, OH	cold	6	Union, OH	8.8	19.9	67.7	6.0
Youngstown, OH	Mahoning, OH	cold	6	Venango, PA	6.7	7.7	78.0	54.3
Youngstown, OH	Mahoning, OH	cold	6	Warren, PA	5.9	7.2	67.7	92.3
Youngstown, OH	Mahoning, OH	cold	6	Washington, OH	21.0	186.4	688.6	4651.6
Youngstown, OH	Mahoning, OH	cold	6	Washington, PA	14.5	29.3	461.6	178.8
Youngstown, OH	Mahoning, OH	cold	6	Wayne, OH	13.3	25.7	213.6	136.2
Youngstown, OH	Mahoning, OH	cold	6	Westmoreland, PA	22.6	25.1	471.4	99.2
Youngstown, OH	Mahoning, OH	cold	6	Wetzel, WV	2.4	2.9	112.8	19.6
Youngstown, OH	Mahoning, OH	cold	6	Wyoming, NY	11.8	13.8	41.4	38.3
Youngstown, OH	Mahoning, OH	warm	10	Allegany, NY	41.7	37.6	128.2	34.9
Youngstown, OH	Mahoning, OH	warm	10	Allegheny, PA	146.7	158.6	4136.6	3364.1
Youngstown, OH	Mahoning, OH	warm	10	Armstrong, PA	51.0	634.7	1330.2	13719.6
Youngstown, OH	Mahoning, OH	warm	10	Ashland, OH	23.7	32.5	221.4	14.4
Youngstown, OH	Mahoning, OH	warm	10	Ashtabula, OH	42.3	45.0	951.3	373.4
Youngstown, OH	Mahoning, OH	warm	10	Beaver, PA	29.5	138.5	2183.0	2970.8
Youngstown, OH	Mahoning, OH	warm	10	Belmont, OH	25.6	147.7	653.0	2485.3
Youngstown, OH	Mahoning, OH	warm	10	Brooke, WV	12.5	22.9	139.3	88.2
Youngstown, OH	Mahoning, OH	warm	10	Butler, PA	28.9	47.6	493.4	219.5
Youngstown, OH	Mahoning, OH	warm	10	Cambria, PA	21.2	31.2	403.8	506.7
Youngstown, OH	Mahoning, OH	warm	10	Cameron, PA	2.6	4.3	19.0	4.9
Youngstown, OH	Mahoning, OH	warm	10	Carroll, OH	9.3	12.6	106.3	8.0
Youngstown, OH	Mahoning, OH	warm	10	Cattaraugus, NY	60.5	54.6	203.6	70.2
Youngstown, OH	Mahoning, OH	warm	10	Chautauqua, NY	71.9	223.7	708.8	1644.9
Youngstown, OH	Mahoning, OH	warm	10	Clarion, PA	15.2	17.5	209.3	100.8
Youngstown, OH	Mahoning, OH	warm	10	Clearfield, PA	32.9	157.5	737.2	3169.8
Youngstown, OH	Mahoning, OH	warm	10	Columbiana, OH	23.9	28.0	286.1	34.3
Youngstown, OH	Mahoning, OH	warm	10	Coshocton, OH	31.6	361.2	1507.0	6980.5
Youngstown, OH	Mahoning, OH	warm	10	Crawford, OH	13.0	29.3	187.1	14.9
Youngstown, OH	Mahoning, OH	warm	10	Crawford, PA	27.3	34.5	393.2	72.6
Youngstown, OH	Mahoning, OH	warm	10	Cuyahoga, OH	105.8	72.6	3156.9	846.9
Youngstown, OH	Mahoning, OH	warm	10	Delaware, OH	33.6	55.9	444.6	37.9
Youngstown, OH	Mahoning, OH	warm	10	Elk, PA	7.1	14.0	194.9	349.4
Youngstown, OH	Mahoning, OH	warm	10	Erie, NY	106.4	203.5	2160.6	1982.4
Youngstown, OH	Mahoning, OH	warm	10	Erie, OH	20.3	27.2	467.9	73.4
Youngstown, OH	Mahoning, OH	warm	10	Erie, PA	28.9	33.2	789.2	335.2
Youngstown, OH	Mahoning, OH	warm	10	Fairfield, OH	25.4	44.8	388.4	29.4
Youngstown, OH	Mahoning, OH	warm	10	Fayette, PA	19.5	22.3	265.6	84.4
Youngstown, OH	Mahoning, OH	warm	10	Forest, PA	7.3	7.2	57.4	2.7
Youngstown, OH	Mahoning, OH	warm	10	Franklin, OH	86.7	65.9	2464.5	267.6
Youngstown, OH	Mahoning, OH	warm	10	Garrett, MD	18.8	16.2	163.3	56.1
Youngstown, OH	Mahoning, OH	warm	10	Geauga, OH	30.1	31.2	202.7	29.9
Youngstown, OH	Mahoning, OH	warm	10	Greene, PA	38.7	470.4	1331.6	9578.7
Youngstown, OH	Mahoning, OH	warm	10	Guernsey, OH	16.9	15.2	391.8	52.2
Youngstown, OH	Mahoning, OH	warm	10	Hancock, WV	46.0	130.5	287.8	133.3
Youngstown, OH	Mahoning, OH	warm	10	Harrison, OH	6.2	7.7	43.1	8.5
Youngstown, OH	Mahoning, OH	warm	10	Holmes, OH	16.1	24.0	98.3	10.9
Youngstown, OH	Mahoning, OH	warm	10	Huron, OH	16.8	32.7	189.8	17.1
Youngstown, OH	Mahoning, OH	warm	10	Indiana, PA	55.6	656.4	2795.9	9642.9
Youngstown, OH	Mahoning, OH	warm	10	Jefferson, OH	47.2	602.9	3016.9	14642.2
Youngstown, OH	Mahoning, OH	warm	10	Jefferson, PA	16.0	16.5	196.0	61.7
Youngstown, OH	Mahoning, OH	warm	10	Knox, OH	18.1	30.0	140.8	12.1
Youngstown, OH	Mahoning, OH	warm	10	Lake, OH	30.3	161.9	1456.7	5268.0
Youngstown, OH	Mahoning, OH	warm	10	Lawrence, PA	20.5	96.3	588.3	1496.7
Youngstown, OH	Mahoning, OH	warm	10	Licking, OH	49.6	75.9	486.1	50.1
Youngstown, OH	Mahoning, OH	warm	10	Lorain, OH	50.4	167.9	1509.4	2908.0
Youngstown, OH	Mahoning, OH	warm	10	Mahoning, OH	22.1	24.0	659.2	126.0
Youngstown, OH	Mahoning, OH	warm	10	Marion, OH	15.9	37.5	223.5	42.7
Youngstown, OH	Mahoning, OH	warm	10	Marshall, WV	20.2	236.5	2610.0	7713.8

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Youngstown, OH	Mahoning, OH	warm	10	McKean, PA	13.9	23.4	212.7	256.7
Youngstown, OH	Mahoning, OH	warm	10	Medina, OH	36.5	44.1	447.9	49.7
Youngstown, OH	Mahoning, OH	warm	10	Mercer, PA	18.9	30.5	392.8	68.1
Youngstown, OH	Mahoning, OH	warm	10	Monongalia, WV	30.7	263.9	846.6	5509.8
Youngstown, OH	Mahoning, OH	warm	10	Monroe, OH	10.0	22.1	162.0	224.4
Youngstown, OH	Mahoning, OH	warm	10	Morgan, OH	5.8	8.5	26.2	2.2
Youngstown, OH	Mahoning, OH	warm	10	Morrow, OH	13.5	26.4	162.8	9.1
Youngstown, OH	Mahoning, OH	warm	10	Muskingum, OH	21.0	32.0	304.9	67.1
Youngstown, OH	Mahoning, OH	warm	10	Noble, OH	6.0	7.8	91.2	3.7
Youngstown, OH	Mahoning, OH	warm	10	Ohio, WV	9.6	9.5	217.4	35.4
Youngstown, OH	Mahoning, OH	warm	10	Perry, OH	9.8	15.7	125.0	11.1
Youngstown, OH	Mahoning, OH	warm	10	Portage, OH	32.4	32.8	475.1	35.8
Youngstown, OH	Mahoning, OH	warm	10	Potter, PA	8.6	9.3	127.5	12.0
Youngstown, OH	Mahoning, OH	warm	10	Preston, WV	10.6	60.7	259.4	1122.3
Youngstown, OH	Mahoning, OH	warm	10	Richland, OH	25.7	39.6	454.2	285.6
Youngstown, OH	Mahoning, OH	warm	10	Sandusky, OH	17.3	45.2	481.7	143.3
Youngstown, OH	Mahoning, OH	warm	10	Seneca, OH	19.7	42.5	265.3	148.2
Youngstown, OH	Mahoning, OH	warm	10	Somerset, PA	27.8	29.8	304.2	120.5
Youngstown, OH	Mahoning, OH	warm	10	Stark, OH	37.5	54.7	852.7	152.5
Youngstown, OH	Mahoning, OH	warm	10	Summit, OH	37.6	27.7	1134.6	820.0
Youngstown, OH	Mahoning, OH	warm	10	Trumbull, OH	40.8	62.7	874.0	1209.2
Youngstown, OH	Mahoning, OH	warm	10	Tuscarawas, OH	19.2	21.7	321.5	188.9
Youngstown, OH	Mahoning, OH	warm	10	Tyler, WV	3.7	6.8	92.7	32.1
Youngstown, OH	Mahoning, OH	warm	10	Union, OH	20.4	46.0	156.4	14.0
Youngstown, OH	Mahoning, OH	warm	10	Venango, PA	15.4	17.9	180.2	125.4
Youngstown, OH	Mahoning, OH	warm	10	Warren, PA	13.7	16.7	156.2	213.1
Youngstown, OH	Mahoning, OH	warm	10	Washington, OH	48.4	430.5	1590.2	10742.3
Youngstown, OH	Mahoning, OH	warm	10	Washington, PA	33.6	67.6	1066.1	413.0
Youngstown, OH	Mahoning, OH	warm	10	Wayne, OH	30.6	59.4	493.2	314.5
Youngstown, OH	Mahoning, OH	warm	10	Westmoreland, PA	52.2	57.9	1088.5	229.2
Youngstown, OH	Mahoning, OH	warm	10	Wetzel, WV	5.6	6.8	260.4	45.2
Youngstown, OH	Mahoning, OH	warm	10	Wyoming, NY	27.3	31.9	95.6	88.3
Youngstown, OH	Trumbull, OH	cold	3	Allegany, NY	9.0	8.1	27.7	7.6
Youngstown, OH	Trumbull, OH	cold	3	Allegheny, PA	31.8	34.3	895.6	728.4
Youngstown, OH	Trumbull, OH	cold	3	Armstrong, PA	11.0	137.4	288.0	2970.4
Youngstown, OH	Trumbull, OH	cold	3	Ashland, OH	5.1	7.0	47.9	3.1
Youngstown, OH	Trumbull, OH	cold	3	Ashtabula, OH	9.2	9.8	206.0	80.8
Youngstown, OH	Trumbull, OH	cold	3	Beaver, PA	6.4	30.0	472.6	643.2
Youngstown, OH	Trumbull, OH	cold	3	Belmont, OH	5.5	32.0	141.4	538.1
Youngstown, OH	Trumbull, OH	cold	3	Brooke, WV	2.7	5.0	30.2	19.1
Youngstown, OH	Trumbull, OH	cold	3	Butler, PA	6.2	10.3	106.8	47.5
Youngstown, OH	Trumbull, OH	cold	3	Cambria, PA	4.6	6.8	87.4	109.7
Youngstown, OH	Trumbull, OH	cold	3	Cameron, PA	0.6	0.9	4.1	1.1
Youngstown, OH	Trumbull, OH	cold	3	Carroll, OH	2.0	2.7	23.0	1.7
Youngstown, OH	Trumbull, OH	cold	3	Cattaraugus, NY	13.1	11.8	44.1	15.2
Youngstown, OH	Trumbull, OH	cold	3	Chautauqua, NY	15.6	48.4	153.5	356.1
Youngstown, OH	Trumbull, OH	cold	3	Clarion, PA	3.3	3.8	45.3	21.8
Youngstown, OH	Trumbull, OH	cold	3	Clearfield, PA	7.1	34.1	159.6	686.3
Youngstown, OH	Trumbull, OH	cold	3	Columbiana, OH	5.2	6.1	61.9	7.4
Youngstown, OH	Trumbull, OH	cold	3	Coshocton, OH	6.8	78.2	326.3	1511.3
Youngstown, OH	Trumbull, OH	cold	3	Crawford, OH	2.8	6.3	40.5	3.2
Youngstown, OH	Trumbull, OH	cold	3	Crawford, PA	5.9	7.5	85.1	15.7
Youngstown, OH	Trumbull, OH	cold	3	Cuyahoga, OH	22.9	15.7	683.5	183.4
Youngstown, OH	Trumbull, OH	cold	3	Delaware, OH	7.3	12.1	96.3	8.2
Youngstown, OH	Trumbull, OH	cold	3	Elk, PA	1.5	3.0	42.2	75.7
Youngstown, OH	Trumbull, OH	cold	3	Erie, NY	23.0	44.0	467.8	429.2
Youngstown, OH	Trumbull, OH	cold	3	Erie, OH	4.4	5.9	101.3	15.9
Youngstown, OH	Trumbull, OH	cold	3	Erie, PA	6.3	7.2	170.9	72.6
Youngstown, OH	Trumbull, OH	cold	3	Fairfield, OH	5.5	9.7	84.1	6.4
Youngstown, OH	Trumbull, OH	cold	3	Fayette, PA	4.2	4.8	57.5	18.3
Youngstown, OH	Trumbull, OH	cold	3	Forest, PA	1.6	1.6	12.4	0.6
Youngstown, OH	Trumbull, OH	cold	3	Franklin, OH	18.8	14.3	533.6	57.9
Youngstown, OH	Trumbull, OH	cold	3	Garrett, MD	4.1	3.5	35.4	12.1
Youngstown, OH	Trumbull, OH	cold	3	Geauga, OH	6.5	6.8	43.9	6.5
Youngstown, OH	Trumbull, OH	cold	3	Greene, PA	8.4	101.9	288.3	2073.9
Youngstown, OH	Trumbull, OH	cold	3	Guernsey, OH	3.7	3.3	84.8	11.3
Youngstown, OH	Trumbull, OH	cold	3	Hancock, WV	10.0	28.3	62.3	28.9
Youngstown, OH	Trumbull, OH	cold	3	Harrison, OH	1.4	1.7	9.3	1.8
Youngstown, OH	Trumbull, OH	cold	3	Holmes, OH	3.5	5.2	21.3	2.4

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Youngstown, OH	Trumbull, OH	cold	3	Huron, OH	3.6	7.1	41.1	3.7
Youngstown, OH	Trumbull, OH	cold	3	Indiana, PA	12.0	142.1	605.3	2087.8
Youngstown, OH	Trumbull, OH	cold	3	Jefferson, OH	10.2	130.5	653.2	3170.2
Youngstown, OH	Trumbull, OH	cold	3	Jefferson, PA	3.5	3.6	42.4	13.3
Youngstown, OH	Trumbull, OH	cold	3	Knox, OH	3.9	6.5	30.5	2.6
Youngstown, OH	Trumbull, OH	cold	3	Lake, OH	6.6	35.0	315.4	1140.6
Youngstown, OH	Trumbull, OH	cold	3	Lawrence, PA	4.4	20.9	127.4	324.1
Youngstown, OH	Trumbull, OH	cold	3	Licking, OH	10.7	16.4	105.2	10.8
Youngstown, OH	Trumbull, OH	cold	3	Lorain, OH	10.9	36.4	326.8	629.6
Youngstown, OH	Trumbull, OH	cold	3	Mahoning, OH	4.8	5.2	142.7	27.3
Youngstown, OH	Trumbull, OH	cold	3	Marion, OH	3.4	8.1	48.4	9.2
Youngstown, OH	Trumbull, OH	cold	3	Marshall, WV	4.4	51.2	565.1	1670.1
Youngstown, OH	Trumbull, OH	cold	3	McKean, PA	3.0	5.1	46.1	55.6
Youngstown, OH	Trumbull, OH	cold	3	Medina, OH	7.9	9.5	97.0	10.8
Youngstown, OH	Trumbull, OH	cold	3	Mercer, PA	4.1	6.6	85.1	14.7
Youngstown, OH	Trumbull, OH	cold	3	Monongalia, WV	6.6	57.1	183.3	1192.9
Youngstown, OH	Trumbull, OH	cold	3	Monroe, OH	2.2	4.8	35.1	48.6
Youngstown, OH	Trumbull, OH	cold	3	Morgan, OH	1.3	1.8	5.7	0.5
Youngstown, OH	Trumbull, OH	cold	3	Morrow, OH	2.9	5.7	35.2	2.0
Youngstown, OH	Trumbull, OH	cold	3	Muskingum, OH	4.5	6.9	66.0	14.5
Youngstown, OH	Trumbull, OH	cold	3	Noble, OH	1.3	1.7	19.7	0.8
Youngstown, OH	Trumbull, OH	cold	3	Ohio, WV	2.1	2.1	47.1	7.7
Youngstown, OH	Trumbull, OH	cold	3	Perry, OH	2.1	3.4	27.1	2.4
Youngstown, OH	Trumbull, OH	cold	3	Portage, OH	7.0	7.1	102.9	7.8
Youngstown, OH	Trumbull, OH	cold	3	Potter, PA	1.9	2.0	27.6	2.6
Youngstown, OH	Trumbull, OH	cold	3	Preston, WV	2.3	13.1	56.2	243.0
Youngstown, OH	Trumbull, OH	cold	3	Richland, OH	5.6	8.6	98.3	61.8
Youngstown, OH	Trumbull, OH	cold	3	Sandusky, OH	3.7	9.8	104.3	31.0
Youngstown, OH	Trumbull, OH	cold	3	Seneca, OH	4.3	9.2	57.4	32.1
Youngstown, OH	Trumbull, OH	cold	3	Somerset, PA	6.0	6.4	65.9	26.1
Youngstown, OH	Trumbull, OH	cold	3	Stark, OH	8.1	11.8	184.6	33.0
Youngstown, OH	Trumbull, OH	cold	3	Summit, OH	8.2	6.0	245.6	177.5
Youngstown, OH	Trumbull, OH	cold	3	Trumbull, OH	8.8	13.6	189.2	261.8
Youngstown, OH	Trumbull, OH	cold	3	Tuscarawas, OH	4.2	4.7	69.6	40.9
Youngstown, OH	Trumbull, OH	cold	3	Tyler, WV	0.8	1.5	20.1	6.9
Youngstown, OH	Trumbull, OH	cold	3	Union, OH	4.4	10.0	33.9	3.0
Youngstown, OH	Trumbull, OH	cold	3	Venango, PA	3.3	3.9	39.0	27.2
Youngstown, OH	Trumbull, OH	cold	3	Warren, PA	3.0	3.6	33.8	46.1
Youngstown, OH	Trumbull, OH	cold	3	Washington, OH	10.5	93.2	344.3	2325.8
Youngstown, OH	Trumbull, OH	cold	3	Washington, PA	7.3	14.6	230.8	89.4
Youngstown, OH	Trumbull, OH	cold	3	Wayne, OH	6.6	12.9	106.8	68.1
Youngstown, OH	Trumbull, OH	cold	3	Westmoreland, PA	11.3	12.5	235.7	49.6
Youngstown, OH	Trumbull, OH	cold	3	Wetzel, WV	1.2	1.5	56.4	9.8
Youngstown, OH	Trumbull, OH	cold	3	Wyoming, NY	5.9	6.9	20.7	19.1
Youngstown, OH	Trumbull, OH	warm	8	Allegany, NY	33.4	30.1	102.5	27.9
Youngstown, OH	Trumbull, OH	warm	8	Allegheny, PA	117.4	126.9	3309.3	2691.3
Youngstown, OH	Trumbull, OH	warm	8	Armstrong, PA	40.8	507.8	1064.1	10975.7
Youngstown, OH	Trumbull, OH	warm	8	Ashland, OH	19.0	26.0	177.1	11.5
Youngstown, OH	Trumbull, OH	warm	8	Ashtabula, OH	33.9	36.0	761.0	298.7
Youngstown, OH	Trumbull, OH	warm	8	Beaver, PA	23.6	110.8	1746.4	2376.6
Youngstown, OH	Trumbull, OH	warm	8	Belmont, OH	20.5	118.2	522.4	1988.3
Youngstown, OH	Trumbull, OH	warm	8	Brooke, WV	10.0	18.4	111.4	70.5
Youngstown, OH	Trumbull, OH	warm	8	Butler, PA	23.1	38.1	394.7	175.6
Youngstown, OH	Trumbull, OH	warm	8	Cambria, PA	17.0	25.0	323.0	405.3
Youngstown, OH	Trumbull, OH	warm	8	Cameron, PA	2.0	3.5	15.2	4.0
Youngstown, OH	Trumbull, OH	warm	8	Carroll, OH	7.4	10.1	85.1	6.4
Youngstown, OH	Trumbull, OH	warm	8	Cattaraugus, NY	48.4	43.7	162.9	56.1
Youngstown, OH	Trumbull, OH	warm	8	Chautauqua, NY	57.5	179.0	567.0	1316.0
Youngstown, OH	Trumbull, OH	warm	8	Clarion, PA	12.2	14.0	167.5	80.6
Youngstown, OH	Trumbull, OH	warm	8	Clearfield, PA	26.3	126.0	589.7	2535.9
Youngstown, OH	Trumbull, OH	warm	8	Columbiana, OH	19.1	22.4	228.9	27.4
Youngstown, OH	Trumbull, OH	warm	8	Coshocton, OH	25.3	288.9	1205.6	5584.4
Youngstown, OH	Trumbull, OH	warm	8	Crawford, OH	10.4	23.4	149.7	11.9
Youngstown, OH	Trumbull, OH	warm	8	Crawford, PA	21.8	27.6	314.5	58.1
Youngstown, OH	Trumbull, OH	warm	8	Cuyahoga, OH	84.6	58.1	2525.5	677.5
Youngstown, OH	Trumbull, OH	warm	8	Delaware, OH	26.9	44.7	355.7	30.4
Youngstown, OH	Trumbull, OH	warm	8	Elk, PA	5.7	11.2	155.9	279.5
Youngstown, OH	Trumbull, OH	warm	8	Erie, NY	85.1	162.8	1728.5	1585.9
Youngstown, OH	Trumbull, OH	warm	8	Erie, OH	16.3	21.8	374.3	58.7

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Youngstown, OH	Trumbull, OH	warm	8	Erie, PA	23.1	26.6	631.4	268.1
Youngstown, OH	Trumbull, OH	warm	8	Fairfield, OH	20.4	35.8	310.7	23.5
Youngstown, OH	Trumbull, OH	warm	8	Fayette, PA	15.6	17.8	212.5	67.5
Youngstown, OH	Trumbull, OH	warm	8	Forest, PA	5.8	5.8	46.0	2.2
Youngstown, OH	Trumbull, OH	warm	8	Franklin, OH	69.4	52.7	1971.6	214.1
Youngstown, OH	Trumbull, OH	warm	8	Garrett, MD	15.1	13.0	130.6	44.8
Youngstown, OH	Trumbull, OH	warm	8	Geauga, OH	24.1	25.0	162.1	24.0
Youngstown, OH	Trumbull, OH	warm	8	Greene, PA	31.0	376.4	1065.3	7663.0
Youngstown, OH	Trumbull, OH	warm	8	Guernsey, OH	13.5	12.2	313.4	41.7
Youngstown, OH	Trumbull, OH	warm	8	Hancock, WV	36.8	104.4	230.3	106.6
Youngstown, OH	Trumbull, OH	warm	8	Harrison, OH	5.0	6.1	34.5	6.8
Youngstown, OH	Trumbull, OH	warm	8	Holmes, OH	12.9	19.2	78.6	8.7
Youngstown, OH	Trumbull, OH	warm	8	Huron, OH	13.5	26.2	151.8	13.7
Youngstown, OH	Trumbull, OH	warm	8	Indiana, PA	44.5	525.1	2236.7	7714.3
Youngstown, OH	Trumbull, OH	warm	8	Jefferson, OH	37.8	482.3	2413.5	11713.7
Youngstown, OH	Trumbull, OH	warm	8	Jefferson, PA	12.8	13.2	156.8	49.3
Youngstown, OH	Trumbull, OH	warm	8	Knox, OH	14.5	24.0	112.7	9.7
Youngstown, OH	Trumbull, OH	warm	8	Lake, OH	24.2	129.5	1165.4	4214.4
Youngstown, OH	Trumbull, OH	warm	8	Lawrence, PA	16.4	77.1	470.6	1197.4
Youngstown, OH	Trumbull, OH	warm	8	Licking, OH	39.7	60.7	388.9	40.1
Youngstown, OH	Trumbull, OH	warm	8	Lorain, OH	40.3	134.3	1207.5	2326.4
Youngstown, OH	Trumbull, OH	warm	8	Mahoning, OH	17.7	19.2	527.4	100.8
Youngstown, OH	Trumbull, OH	warm	8	Marion, OH	12.7	30.0	178.8	34.1
Youngstown, OH	Trumbull, OH	warm	8	Marshall, WV	16.2	189.2	2088.0	6171.0
Youngstown, OH	Trumbull, OH	warm	8	McKean, PA	11.1	18.7	170.2	205.3
Youngstown, OH	Trumbull, OH	warm	8	Medina, OH	29.2	35.2	358.3	39.8
Youngstown, OH	Trumbull, OH	warm	8	Mercer, PA	15.2	24.4	314.3	54.5
Youngstown, OH	Trumbull, OH	warm	8	Monongalia, WV	24.6	211.1	677.3	4407.9
Youngstown, OH	Trumbull, OH	warm	8	Monroe, OH	8.0	17.7	129.6	179.6
Youngstown, OH	Trumbull, OH	warm	8	Morgan, OH	4.6	6.8	21.0	1.8
Youngstown, OH	Trumbull, OH	warm	8	Morrow, OH	10.8	21.1	130.2	7.3
Youngstown, OH	Trumbull, OH	warm	8	Muskingum, OH	16.8	25.6	243.9	53.7
Youngstown, OH	Trumbull, OH	warm	8	Noble, OH	4.8	6.2	72.9	3.0
Youngstown, OH	Trumbull, OH	warm	8	Ohio, WV	7.7	7.6	173.9	28.3
Youngstown, OH	Trumbull, OH	warm	8	Perry, OH	7.8	12.6	100.0	8.9
Youngstown, OH	Trumbull, OH	warm	8	Portage, OH	25.9	26.3	380.1	28.7
Youngstown, OH	Trumbull, OH	warm	8	Potter, PA	6.9	7.4	102.0	9.6
Youngstown, OH	Trumbull, OH	warm	8	Preston, WV	8.5	48.6	207.5	897.8
Youngstown, OH	Trumbull, OH	warm	8	Richland, OH	20.5	31.7	363.4	228.5
Youngstown, OH	Trumbull, OH	warm	8	Sandusky, OH	13.8	36.1	385.4	114.6
Youngstown, OH	Trumbull, OH	warm	8	Seneca, OH	15.8	34.0	212.3	118.5
Youngstown, OH	Trumbull, OH	warm	8	Somerset, PA	22.2	23.8	243.3	96.4
Youngstown, OH	Trumbull, OH	warm	8	Stark, OH	30.0	43.7	682.2	122.0
Youngstown, OH	Trumbull, OH	warm	8	Summit, OH	30.1	22.2	907.7	656.0
Youngstown, OH	Trumbull, OH	warm	8	Trumbull, OH	32.7	50.2	699.2	967.4
Youngstown, OH	Trumbull, OH	warm	8	Tuscarawas, OH	15.4	17.3	257.2	151.1
Youngstown, OH	Trumbull, OH	warm	8	Tyler, WV	2.9	5.4	74.2	25.7
Youngstown, OH	Trumbull, OH	warm	8	Union, OH	16.3	36.8	125.1	11.2
Youngstown, OH	Trumbull, OH	warm	8	Venango, PA	12.3	14.3	144.1	100.3
Youngstown, OH	Trumbull, OH	warm	8	Warren, PA	11.0	13.4	125.0	170.5
Youngstown, OH	Trumbull, OH	warm	8	Washington, OH	38.7	344.4	1272.2	8593.8
Youngstown, OH	Trumbull, OH	warm	8	Washington, PA	26.9	54.0	852.9	330.4
Youngstown, OH	Trumbull, OH	warm	8	Wayne, OH	24.5	47.5	394.6	251.6
Youngstown, OH	Trumbull, OH	warm	8	Westmoreland, PA	41.7	46.3	870.8	183.3
Youngstown, OH	Trumbull, OH	warm	8	Wetzel, WV	4.5	5.4	208.3	36.1
Youngstown, OH	Trumbull, OH	warm	8	Wyoming, NY	21.8	25.5	76.5	70.7
Yuba City, CA	Sutter, CA	cold	7	Ada, ID	79.1	100.7	648.8	43.5
Yuba City, CA	Sutter, CA	cold	7	Alameda, CA	76.0	70.2	1442.4	228.9
Yuba City, CA	Sutter, CA	cold	7	Alpine, CA	2.8	1.3	4.3	0.6
Yuba City, CA	Sutter, CA	cold	7	Amador, CA	25.1	19.1	86.2	2.7
Yuba City, CA	Sutter, CA	cold	7	Baker, OR	140.9	75.5	158.2	21.9
Yuba City, CA	Sutter, CA	cold	7	Box Elder, UT	14.4	25.6	172.0	11.4
Yuba City, CA	Sutter, CA	cold	7	Butte, CA	50.0	46.3	280.2	69.8
Yuba City, CA	Sutter, CA	cold	7	Calaveras, CA	18.1	12.6	64.7	1.4
Yuba City, CA	Sutter, CA	cold	7	Canyon, ID	34.4	91.4	274.3	79.1
Yuba City, CA	Sutter, CA	cold	7	Carson, NV	10.5	10.0	41.8	43.0
Yuba City, CA	Sutter, CA	cold	7	Cassia, ID	9.2	20.8	72.0	4.1
Yuba City, CA	Sutter, CA	cold	7	Churchill, NV	6.5	18.4	65.8	8.7
Yuba City, CA	Sutter, CA	cold	7	Clark, NV	511.1	386.3	2384.1	1776.6

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Yuba City, CA	Sutter, CA	cold	7	Colusa, CA	28.6	32.8	121.9	34.9
Yuba City, CA	Sutter, CA	cold	7	Contra Costa, CA	66.0	57.3	1454.8	598.1
Yuba City, CA	Sutter, CA	cold	7	Crook, OR	13.8	14.1	28.5	3.2
Yuba City, CA	Sutter, CA	cold	7	Del Norte, CA	11.0	6.3	42.3	4.1
Yuba City, CA	Sutter, CA	cold	7	Deschutes, OR	61.9	65.1	188.7	17.3
Yuba City, CA	Sutter, CA	cold	7	Douglas, NV	11.1	24.1	72.6	24.0
Yuba City, CA	Sutter, CA	cold	7	Douglas, OR	88.3	60.8	227.8	21.1
Yuba City, CA	Sutter, CA	cold	7	El Dorado, CA	55.1	35.8	159.5	16.9
Yuba City, CA	Sutter, CA	cold	7	Elko, NV	65.9	51.1	213.0	25.3
Yuba City, CA	Sutter, CA	cold	7	Elmore, ID	36.9	31.0	104.3	8.0
Yuba City, CA	Sutter, CA	cold	7	Esmeralda, NV	0.3	6.1	3.5	2.0
Yuba City, CA	Sutter, CA	cold	7	Eureka, NV	3.3	10.5	46.6	12.6
Yuba City, CA	Sutter, CA	cold	7	Fresno, CA	149.3	123.4	1202.3	188.1
Yuba City, CA	Sutter, CA	cold	7	Glenn, CA	27.5	32.4	128.2	44.5
Yuba City, CA	Sutter, CA	cold	7	Grant, OR	9.0	8.4	23.4	1.8
Yuba City, CA	Sutter, CA	cold	7	Harney, OR	20.3	13.7	32.3	4.6
Yuba City, CA	Sutter, CA	cold	7	Humboldt, CA	47.0	29.1	308.3	11.8
Yuba City, CA	Sutter, CA	cold	7	Humboldt, NV	12.6	25.8	396.4	329.4
Yuba City, CA	Sutter, CA	cold	7	Inyo, CA	12.8	31.1	39.8	8.3
Yuba City, CA	Sutter, CA	cold	7	Jackson, OR	103.1	67.7	267.8	45.2
Yuba City, CA	Sutter, CA	cold	7	Jefferson, OR	16.6	17.7	42.8	3.8
Yuba City, CA	Sutter, CA	cold	7	Josephine, OR	46.1	30.4	86.6	9.5
Yuba City, CA	Sutter, CA	cold	7	Kern, CA	105.2	99.7	2020.5	113.2
Yuba City, CA	Sutter, CA	cold	7	Kings, CA	15.1	25.9	223.6	19.8
Yuba City, CA	Sutter, CA	cold	7	Klamath, OR	72.8	49.6	243.6	19.0
Yuba City, CA	Sutter, CA	cold	7	Lake, CA	23.7	16.9	96.7	6.9
Yuba City, CA	Sutter, CA	cold	7	Lake, OR	9.9	8.6	35.7	3.0
Yuba City, CA	Sutter, CA	cold	7	Lander, NV	2.3	8.3	31.2	3.0
Yuba City, CA	Sutter, CA	cold	7	Lane, OR	103.8	70.7	408.3	44.3
Yuba City, CA	Sutter, CA	cold	7	Lassen, CA	26.3	23.8	88.3	5.4
Yuba City, CA	Sutter, CA	cold	7	Lincoln, NV	248.8	134.8	83.8	30.8
Yuba City, CA	Sutter, CA	cold	7	Linn, OR	48.8	49.6	218.6	38.0
Yuba City, CA	Sutter, CA	cold	7	Lyon, NV	7.7	25.1	240.5	21.7
Yuba City, CA	Sutter, CA	cold	7	Madera, CA	35.4	30.5	355.7	25.4
Yuba City, CA	Sutter, CA	cold	7	Malheur, OR	26.8	43.5	100.2	33.6
Yuba City, CA	Sutter, CA	cold	7	Marin, CA	15.5	11.4	215.1	32.1
Yuba City, CA	Sutter, CA	cold	7	Mariposa, CA	15.7	10.2	29.9	1.4
Yuba City, CA	Sutter, CA	cold	7	Mendocino, CA	31.3	18.5	169.1	12.2
Yuba City, CA	Sutter, CA	cold	7	Merced, CA	27.2	35.3	443.4	32.9
Yuba City, CA	Sutter, CA	cold	7	Mineral, NV	1.0	13.9	6.6	0.8
Yuba City, CA	Sutter, CA	cold	7	Modoc, CA	9.7	10.4	55.0	2.2
Yuba City, CA	Sutter, CA	cold	7	Mono, CA	9.8	18.4	25.4	0.9
Yuba City, CA	Sutter, CA	cold	7	Monterey, CA	41.5	39.6	618.9	182.8
Yuba City, CA	Sutter, CA	cold	7	Morrow, OR	11.0	31.2	344.1	400.6
Yuba City, CA	Sutter, CA	cold	7	Napa, CA	10.9	8.6	140.4	37.4
Yuba City, CA	Sutter, CA	cold	7	Nevada, CA	42.2	29.8	114.2	8.6
Yuba City, CA	Sutter, CA	cold	7	Nye, NV	44.4	29.4	48.9	16.3
Yuba City, CA	Sutter, CA	cold	7	Owyhee, ID	64.2	45.9	40.5	16.0
Yuba City, CA	Sutter, CA	cold	7	Payette, ID	6.8	19.8	51.3	3.1
Yuba City, CA	Sutter, CA	cold	7	Pershing, NV	2.3	9.4	61.5	3.7
Yuba City, CA	Sutter, CA	cold	7	Placer, CA	43.9	30.9	382.9	30.2
Yuba City, CA	Sutter, CA	cold	7	Plumas, CA	50.8	28.4	113.3	11.5
Yuba City, CA	Sutter, CA	cold	7	Sacramento, CA	74.5	62.9	1095.7	109.2
Yuba City, CA	Sutter, CA	cold	7	San Benito, CA	5.6	11.9	82.3	20.7
Yuba City, CA	Sutter, CA	cold	7	San Bernardino, CA	166.9	214.9	3188.9	125.2
Yuba City, CA	Sutter, CA	cold	7	San Francisco, CA	45.8	29.5	749.9	65.4
Yuba City, CA	Sutter, CA	cold	7	San Joaquin, CA	52.1	49.8	979.4	101.9
Yuba City, CA	Sutter, CA	cold	7	San Mateo, CA	36.4	34.0	689.7	85.4
Yuba City, CA	Sutter, CA	cold	7	Santa Clara, CA	78.3	90.2	1476.4	231.4
Yuba City, CA	Sutter, CA	cold	7	Santa Cruz, CA	23.5	25.6	257.5	64.2
Yuba City, CA	Sutter, CA	cold	7	Shasta, CA	102.0	63.4	358.2	15.0
Yuba City, CA	Sutter, CA	cold	7	Sierra, CA	17.4	9.4	19.9	3.9
Yuba City, CA	Sutter, CA	cold	7	Siskiyou, CA	67.3	39.1	147.5	11.5
Yuba City, CA	Sutter, CA	cold	7	Solano, CA	27.6	27.6	495.6	275.2
Yuba City, CA	Sutter, CA	cold	7	Sonoma, CA	40.4	29.5	497.4	94.1
Yuba City, CA	Sutter, CA	cold	7	Stanislaus, CA	35.3	37.5	627.5	70.2
Yuba City, CA	Sutter, CA	cold	7	Storey, NV	2.3	9.5	68.7	5.2
Yuba City, CA	Sutter, CA	cold	7	Sutter, CA	26.5	31.8	194.1	6.2
Yuba City, CA	Sutter, CA	cold	7	Tehama, CA	27.2	19.8	130.0	68.9

Table A-1: Pollutant Emissions and Number of High Days for Each Area and Violating County

Area Name	Violating County	Season	Number of High Days	Potentially Contributing County	Total High Day Carbon Emissions (tons)	Total High Day Crustal Emissions (tons)	Total High Day NOx Emissions (tons)	Total High Day SO2 Emissions (tons)
Yuba City, CA	Sutter, CA	cold	7	Tooele, UT	23.9	32.6	177.8	17.3
Yuba City, CA	Sutter, CA	cold	7	Trinity, CA	17.2	9.7	24.8	1.7
Yuba City, CA	Sutter, CA	cold	7	Tulare, CA	60.5	58.8	590.4	48.7
Yuba City, CA	Sutter, CA	cold	7	Tuolumne, CA	31.7	22.4	115.6	8.8
Yuba City, CA	Sutter, CA	cold	7	Twin Falls, ID	23.8	55.4	175.3	41.9
Yuba City, CA	Sutter, CA	cold	7	Umatilla, OR	68.6	63.9	243.2	22.3
Yuba City, CA	Sutter, CA	cold	7	Union, OR	42.2	27.5	116.1	12.1
Yuba City, CA	Sutter, CA	cold	7	Washington, ID	14.9	12.6	37.3	3.8
Yuba City, CA	Sutter, CA	cold	7	Washoe, NV	35.5	51.8	438.3	135.7
Yuba City, CA	Sutter, CA	cold	7	Wheeler, OR	4.2	4.3	5.1	0.7
Yuba City, CA	Sutter, CA	cold	7	White Pine, NV	2.7	8.8	15.7	1.2
Yuba City, CA	Sutter, CA	cold	7	Yolo, CA	27.0	37.7	366.6	19.3
Yuba City, CA	Sutter, CA	cold	7	Yuba, CA	12.3	9.7	110.3	3.7

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
010730023	cold	Carbon	11.8	8
010730023	cold	Crustal	1.6	8
010730023	cold	Nitrate	2.2	8
010730023	cold	Sulfate	10.5	8
010730023	warm	Carbon	16.7	7
010730023	warm	Crustal	2.3	7
010730023	warm	Nitrate	1.0	7
010730023	warm	Sulfate	17.2	7
010731009	cold	Carbon	6.4	4
010731009	cold	Crustal	0.5	4
010731009	cold	Nitrate	1.1	4
010731009	cold	Sulfate	8.6	4
010731009	warm	Carbon	8.8	2
010731009	warm	Crustal	0.3	2
010731009	warm	Nitrate	0.6	2
010731009	warm	Sulfate	6.8	2
010890014	cold	Carbon	6.5	19
010890014	cold	Crustal	0.6	19
010890014	cold	Nitrate	2.0	19
010890014	cold	Sulfate	11.2	19
010890014	warm	Carbon	8.2	16
010890014	warm	Crustal	1.3	16
010890014	warm	Nitrate	0.9	16
010890014	warm	Sulfate	25.1	16
010970003	cold	Carbon	10.2	5
010970003	cold	Crustal	0.6	5
010970003	cold	Nitrate	1.0	5
010970003	cold	Sulfate	12.2	5
010970003	warm	Carbon	9.3	6
010970003	warm	Crustal	0.8	6
010970003	warm	Nitrate	0.3	6
010970003	warm	Sulfate	16.8	6
011030011	cold	Carbon	5.4	9
011030011	cold	Crustal	0.4	9
011030011	cold	Nitrate	1.8	9
011030011	cold	Sulfate	8.3	9
011030011	warm	Carbon	7.1	10
011030011	warm	Crustal	0.3	13
011030011	warm	Nitrate	0.4	13
011030011	warm	Sulfate	22.3	10
011130001	cold	Carbon	14.9	9
011130001	cold	Crustal	0.8	9
011130001	cold	Nitrate	1.2	9
011130001	cold	Sulfate	11.0	9
011130001	warm	Carbon	15.8	12
011130001	warm	Crustal	0.7	12
011130001	warm	Nitrate	0.5	12
011130001	warm	Sulfate	23.7	12
050030005	cold	Carbon	3.4	3

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
050030005	cold	Crustal	0.6	3
050030005	cold	Nitrate	1.1	3
050030005	cold	Sulfate	8.6	3
050030005	warm	Carbon	7.7	2
050030005	warm	Crustal	2.1	2
050030005	warm	Nitrate	0.4	5
050030005	warm	Sulfate	7.0	2
051190007	cold	Carbon	13.2	2
051190007	cold	Crustal	1.3	2
051190007	cold	Nitrate	4.6	2
051190007	cold	Sulfate	9.6	2
051450001	cold	Carbon	8.1	1
051450001	cold	Crustal	0.8	1
051450001	cold	Nitrate	7.7	1
051450001	cold	Sulfate	5.7	1
060070002	cold	Carbon	39.6	9
060070002	cold	Crustal	0.4	9
060070002	cold	Nitrate	12.0	9
060070002	cold	Sulfate	1.6	9
060070002	warm	Carbon	8.4	6
060070002	warm	Crustal	0.7	6
060070002	warm	Nitrate	1.1	6
060070002	warm	Sulfate	2.2	6
060190008	cold	Carbon	23.3	2
060190008	cold	Crustal	1.0	3
060190008	cold	Nitrate	34.1	3
060190008	cold	Sulfate	3.3	2
060190008	warm	Carbon	6.5	6
060190008	warm	Crustal	1.7	6
060190008	warm	Nitrate	3.0	6
060190008	warm	Sulfate	3.4	6
060250005	cold	Carbon	11.1	5
060250005	cold	Crustal	7.0	6
060250005	cold	Nitrate	6.3	6
060250005	cold	Sulfate	3.4	5
060250005	warm	Carbon	5.6	4
060250005	warm	Crustal	3.6	4
060250005	warm	Nitrate	1.1	4
060250005	warm	Sulfate	3.5	4
060290014	cold	Carbon	15.2	8
060290014	cold	Crustal	1.1	8
060290014	cold	Nitrate	18.9	8
060290014	cold	Sulfate	4.0	8
060290014	warm	Carbon	6.5	8
060290014	warm	Crustal	1.5	8
060290014	warm	Nitrate	2.1	8
060290014	warm	Sulfate	3.3	8
060631009	cold	Carbon	15.8	9
060631009	cold	Crustal	0.6	9

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
060631009	cold	Nitrate	2.6	9
060631009	cold	Sulfate	0.7	9
060631009	warm	Carbon	4.1	9
060631009	warm	Crustal	1.0	9
060631009	warm	Nitrate	0.3	9
060631009	warm	Sulfate	1.2	9
060658001	cold	Carbon	14.2	7
060658001	cold	Crustal	1.5	7
060658001	cold	Nitrate	34.7	7
060658001	cold	Sulfate	7.3	7
060658001	warm	Carbon	8.5	5
060658001	warm	Crustal	1.9	5
060658001	warm	Nitrate	13.5	5
060658001	warm	Sulfate	7.5	5
060670006	cold	Carbon	16.2	3
060670006	cold	Crustal	0.5	3
060670006	cold	Nitrate	10.9	3
060670006	cold	Sulfate	1.4	3
060670006	warm	Carbon	4.9	2
060670006	warm	Crustal	0.8	2
060670006	warm	Nitrate	0.9	2
060670006	warm	Sulfate	1.8	2
060670010	cold	Carbon	10.8	3
060670010	cold	Crustal	0.5	3
060670010	cold	Nitrate	12.0	3
060670010	cold	Sulfate	2.1	3
060670010	warm	Carbon	7.0	1
060670010	warm	Crustal	0.8	1
060670010	warm	Nitrate	2.0	1
060670010	warm	Sulfate	1.7	1
060730003	cold	Carbon	7.8	3
060730003	cold	Crustal	0.7	3
060730003	cold	Nitrate	18.3	3
060730003	cold	Sulfate	7.0	3
060730003	warm	Carbon	3.4	4
060730003	warm	Crustal	0.4	4
060730003	warm	Nitrate	8.7	4
060730003	warm	Sulfate	10.2	4
060731002	cold	Carbon	9.0	3
060731002	cold	Crustal	0.8	3
060731002	cold	Nitrate	16.6	3
060731002	cold	Sulfate	6.8	3
060731002	warm	Carbon	3.5	3
060731002	warm	Crustal	0.7	3
060731002	warm	Nitrate	6.5	3
060731002	warm	Sulfate	9.0	3
060990005	cold	Carbon	15.0	12
060990005	cold	Crustal	0.6	12
060990005	cold	Nitrate	24.6	12

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
060990005	cold	Sulfate	3.6	12
060990005	warm	Carbon	6.9	7
060990005	warm	Crustal	1.2	7
060990005	warm	Nitrate	2.7	7
060990005	warm	Sulfate	2.5	7
061072002	cold	Carbon	14.3	3
061072002	cold	Crustal	0.6	3
061072002	cold	Nitrate	42.4	3
061072002	cold	Sulfate	3.9	3
061072002	warm	Carbon	7.8	4
061072002	warm	Crustal	2.5	4
061072002	warm	Nitrate	6.5	4
061072002	warm	Sulfate	5.0	4
061112002	cold	Carbon	9.2	6
061112002	cold	Crustal	0.6	6
061112002	cold	Nitrate	7.9	6
061112002	cold	Sulfate	3.9	6
061112002	warm	Carbon	5.6	5
061112002	warm	Crustal	1.1	5
061112002	warm	Nitrate	4.6	5
061112002	warm	Sulfate	8.3	5
080410011	cold	Carbon	4.8	1
080410011	cold	Crustal	0.5	1
080410011	cold	Nitrate	4.1	1
080410011	cold	Sulfate	1.6	1
080410011	warm	Carbon	6.0	1
080410011	warm	Crustal	1.4	1
080410011	warm	Nitrate	0.3	1
080410011	warm	Sulfate	2.3	1
081230008	cold	Carbon	4.8	4
081230008	cold	Crustal	0.5	4
081230008	cold	Nitrate	9.2	4
081230008	cold	Sulfate	2.5	4
081230008	warm	Carbon	6.5	2
081230008	warm	Crustal	2.8	2
081230008	warm	Nitrate	1.2	2
081230008	warm	Sulfate	2.4	2
090090027	cold	Carbon	13.7	4
090090027	cold	Crustal	0.6	4
090090027	cold	Nitrate	7.0	4
090090027	cold	Sulfate	10.9	4
090090027	warm	Carbon	9.5	4
090090027	warm	Crustal	1.2	4
090090027	warm	Nitrate	2.2	4
090090027	warm	Sulfate	24.7	4
110010043	warm	Carbon	7.6	1
110010043	warm	Crustal	2.1	1
110010043	warm	Nitrate	1.7	1
110010043	warm	Sulfate	16.4	1

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
120730012	cold	Carbon	6.7	4
120730012	cold	Crustal	0.4	4
120730012	cold	Nitrate	0.5	4
120730012	cold	Sulfate	5.7	4
120730012	warm	Carbon	10.3	2
120730012	warm	Crustal	0.5	2
120730012	warm	Nitrate	0.4	2
120730012	warm	Sulfate	15.9	2
130210007	cold	Carbon	12.2	12
130210007	cold	Crustal	1.3	12
130210007	cold	Nitrate	1.9	12
130210007	cold	Sulfate	8.5	12
130210007	warm	Carbon	13.4	7
130210007	warm	Crustal	2.7	7
130210007	warm	Nitrate	0.7	7
130210007	warm	Sulfate	17.3	7
130510017	warm	Carbon	5.9	1
130510017	warm	Crustal	0.5	1
130510017	warm	Nitrate	0.4	1
130510017	warm	Sulfate	9.2	1
131150005	cold	Carbon	9.2	22
131150005	cold	Crustal	1.6	22
131150005	cold	Nitrate	1.2	22
131150005	cold	Sulfate	9.3	22
131150005	warm	Carbon	13.8	14
131150005	warm	Crustal	1.5	14
131150005	warm	Nitrate	0.6	14
131150005	warm	Sulfate	17.4	14
132150011	cold	Carbon	11.4	1
132150011	cold	Crustal	0.7	1
132150011	cold	Nitrate	1.7	1
132150011	cold	Sulfate	3.4	1
132450091	cold	Carbon	14.6	2
132450091	cold	Crustal	0.8	2
132450091	cold	Nitrate	4.0	2
132450091	cold	Sulfate	9.6	2
132450091	warm	Carbon	10.5	4
132450091	warm	Crustal	0.8	4
132450091	warm	Nitrate	0.5	4
132450091	warm	Sulfate	12.0	4
170434002	warm	Carbon	6.1	1
170434002	warm	Crustal	0.8	1
170434002	warm	Nitrate	2.2	1
170434002	warm	Sulfate	34.6	1
171150013	cold	Carbon	3.6	14
171150013	cold	Crustal	0.4	14
171150013	cold	Nitrate	9.6	14
171150013	cold	Sulfate	5.9	14
171150013	warm	Carbon	5.4	22

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
171150013	warm	Crustal	1.1	22
171150013	warm	Nitrate	1.4	22
171150013	warm	Sulfate	26.0	22
180030004	cold	Carbon	4.5	8
180030004	cold	Crustal	0.4	8
180030004	cold	Nitrate	11.8	8
180030004	cold	Sulfate	5.9	8
180030004	warm	Carbon	8.2	10
180030004	warm	Crustal	0.8	10
180030004	warm	Nitrate	2.3	10
180030004	warm	Sulfate	15.9	10
180372001	cold	Carbon	2.0	5
180372001	cold	Crustal	0.3	5
180372001	cold	Nitrate	11.9	5
180372001	cold	Sulfate	14.9	5
180372001	warm	Carbon	8.1	9
180372001	warm	Crustal	0.6	9
180372001	warm	Nitrate	1.9	8
180372001	warm	Sulfate	33.8	9
180390003	cold	Carbon	10.4	21
180390003	cold	Crustal	0.8	21
180390003	cold	Nitrate	18.5	21
180390003	cold	Sulfate	11.3	21
180390003	warm	Carbon	7.8	10
180390003	warm	Crustal	0.6	10
180390003	warm	Nitrate	3.6	10
180390003	warm	Sulfate	31.9	10
180650003	cold	Carbon	4.0	30
180650003	cold	Crustal	0.4	30
180650003	cold	Nitrate	8.1	31
180650003	cold	Sulfate	10.4	30
180650003	warm	Carbon	8.8	28
180650003	warm	Crustal	0.5	28
180650003	warm	Nitrate	1.6	32
180650003	warm	Sulfate	19.9	28
180890022	cold	Carbon	10.0	2
180890022	cold	Crustal	1.7	2
180890022	cold	Nitrate	10.4	2
180890022	cold	Sulfate	10.9	2
180890022	warm	Carbon	8.5	5
180890022	warm	Crustal	1.3	5
180890022	warm	Nitrate	1.6	5
180890022	warm	Sulfate	19.1	5
180892004	warm	Carbon	10.8	1
180892004	warm	Crustal	1.3	1
180892004	warm	Nitrate	1.0	1
180892004	warm	Sulfate	9.7	1
181411008	cold	Carbon	4.9	13
181411008	cold	Crustal	0.5	13

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
181411008	cold	Nitrate	15.3	13
181411008	cold	Sulfate	6.1	13
181411008	warm	Carbon	7.5	12
181411008	warm	Crustal	0.9	12
181411008	warm	Nitrate	1.2	12
181411008	warm	Sulfate	13.5	12
181630012	cold	Carbon	4.5	2
181630012	cold	Crustal	0.3	2
181630012	cold	Nitrate	7.0	2
181630012	cold	Sulfate	7.8	2
181630012	warm	Carbon	8.8	2
181630012	warm	Crustal	0.9	2
181630012	warm	Nitrate	0.8	4
181630012	warm	Sulfate	15.1	2
191130037	cold	Carbon	5.9	7
191130037	cold	Crustal	0.4	7
191130037	cold	Nitrate	20.9	7
191130037	cold	Sulfate	6.7	7
191130037	warm	Carbon	7.4	8
191130037	warm	Crustal	0.9	8
191130037	warm	Nitrate	1.1	8
191130037	warm	Sulfate	19.4	8
191630015	cold	Carbon	5.6	10
191630015	cold	Crustal	0.8	10
191630015	cold	Nitrate	19.6	10
191630015	cold	Sulfate	7.8	10
191630015	warm	Carbon	5.6	11
191630015	warm	Crustal	0.5	11
191630015	warm	Nitrate	0.7	11
191630015	warm	Sulfate	23.7	11
210190017	cold	Carbon	5.3	6
210190017	cold	Crustal	0.6	6
210190017	cold	Nitrate	1.7	6
210190017	cold	Sulfate	8.3	6
210190017	warm	Carbon	8.6	7
210190017	warm	Crustal	0.5	7
210190017	warm	Nitrate	0.7	7
210190017	warm	Sulfate	20.7	7
210590014	cold	Carbon	2.5	4
210590014	cold	Crustal	0.5	4
210590014	cold	Nitrate	8.4	3
210590014	cold	Sulfate	8.4	4
210590014	warm	Carbon	9.2	5
210590014	warm	Crustal	0.7	5
210590014	warm	Nitrate	0.8	5
210590014	warm	Sulfate	13.8	5
210670012	cold	Carbon	3.2	12
210670012	cold	Crustal	0.5	15
210670012	cold	Nitrate	6.4	15

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
210670012	cold	Sulfate	9.6	12
210670012	warm	Carbon	6.9	13
210670012	warm	Crustal	0.8	13
210670012	warm	Nitrate	1.4	13
210670012	warm	Sulfate	22.5	13
211110043	warm	Carbon	13.5	1
211110043	warm	Crustal	0.5	1
211110043	warm	Nitrate	1.1	1
211110043	warm	Sulfate	22.6	1
211110048	cold	Carbon	4.5	7
211110048	cold	Crustal	0.8	7
211110048	cold	Nitrate	7.6	7
211110048	cold	Sulfate	13.3	7
211110048	warm	Carbon	8.3	8
211110048	warm	Crustal	1.1	8
211110048	warm	Nitrate	1.3	8
211110048	warm	Sulfate	18.0	8
211170007	cold	Carbon	3.3	8
211170007	cold	Crustal	0.4	8
211170007	cold	Nitrate	6.6	8
211170007	cold	Sulfate	13.2	8
211170007	warm	Carbon	8.0	12
211170007	warm	Crustal	0.6	12
211170007	warm	Nitrate	0.8	12
211170007	warm	Sulfate	22.2	12
211250004	cold	Carbon	5.2	5
211250004	cold	Crustal	0.4	5
211250004	cold	Nitrate	2.9	5
211250004	cold	Sulfate	9.9	5
211250004	warm	Carbon	7.7	6
211250004	warm	Crustal	0.5	6
211250004	warm	Nitrate	1.0	6
211250004	warm	Sulfate	17.9	6
211451004	cold	Carbon	3.3	7
211451004	cold	Crustal	0.4	7
211451004	cold	Nitrate	7.1	7
211451004	cold	Sulfate	11.4	7
211451004	warm	Carbon	6.2	8
211451004	warm	Crustal	0.6	8
211451004	warm	Nitrate	0.8	8
211451004	warm	Sulfate	18.1	8
211930003	cold	Carbon	6.9	29
211930003	cold	Crustal	0.6	28
211930003	cold	Nitrate	1.2	28
211930003	cold	Sulfate	7.8	29
211930003	warm	Carbon	7.6	26
211930003	warm	Crustal	0.7	26
211930003	warm	Nitrate	0.4	26
211930003	warm	Sulfate	15.5	26

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
212270007	cold	Carbon	4.0	15
212270007	cold	Crustal	0.4	15
212270007	cold	Nitrate	5.5	16
212270007	cold	Sulfate	10.4	15
212270007	warm	Carbon	7.1	5
212270007	warm	Crustal	0.4	5
212270007	warm	Nitrate	1.1	5
212270007	warm	Sulfate	24.7	5
240030019	cold	Carbon	4.5	8
240030019	cold	Crustal	0.5	8
240030019	cold	Nitrate	14.1	5
240030019	cold	Sulfate	12.7	8
240030019	warm	Carbon	7.7	2
240030019	warm	Crustal	0.5	2
240030019	warm	Nitrate	0.9	2
240030019	warm	Sulfate	18.4	2
240053001	cold	Carbon	14.0	8
240053001	cold	Crustal	0.9	8
240053001	cold	Nitrate	5.6	11
240053001	cold	Sulfate	9.8	8
240053001	warm	Carbon	9.0	8
240053001	warm	Crustal	0.9	8
240053001	warm	Nitrate	1.3	8
240053001	warm	Sulfate	25.0	8
250130008	cold	Carbon	5.5	4
250130008	cold	Crustal	0.4	4
250130008	cold	Nitrate	4.2	4
250130008	cold	Sulfate	8.4	4
250130008	warm	Carbon	7.3	11
250130008	warm	Crustal	0.4	11
250130008	warm	Nitrate	0.8	11
250130008	warm	Sulfate	15.5	11
260050003	cold	Carbon	7.4	25
260050003	cold	Crustal	0.3	25
260050003	cold	Nitrate	16.2	25
260050003	cold	Sulfate	6.6	25
260050003	warm	Carbon	6.9	41
260050003	warm	Crustal	0.5	41
260050003	warm	Nitrate	1.4	41
260050003	warm	Sulfate	26.5	41
260770008	cold	Carbon	7.4	24
260770008	cold	Crustal	1.0	24
260770008	cold	Nitrate	14.0	24
260770008	cold	Sulfate	6.8	24
260770008	warm	Carbon	8.8	31
260770008	warm	Crustal	2.4	31
260770008	warm	Nitrate	1.2	31
260770008	warm	Sulfate	19.3	31
260810020	cold	Carbon	16.3	12

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
260810020	cold	Crustal	0.8	12
260810020	cold	Nitrate	20.3	12
260810020	cold	Sulfate	9.4	12
260810020	warm	Carbon	9.0	4
260810020	warm	Crustal	1.0	4
260810020	warm	Nitrate	1.6	4
260810020	warm	Sulfate	17.0	4
261130001	cold	Carbon	4.0	9
261130001	cold	Crustal	0.2	9
261130001	cold	Nitrate	5.0	9
261130001	cold	Sulfate	5.3	9
261130001	warm	Carbon	8.9	5
261130001	warm	Crustal	0.3	5
261130001	warm	Nitrate	0.4	5
261130001	warm	Sulfate	18.0	5
261150005	cold	Carbon	16.1	19
261150005	cold	Crustal	0.5	19
261150005	cold	Nitrate	13.2	19
261150005	cold	Sulfate	8.4	19
261150005	warm	Carbon	7.8	16
261150005	warm	Crustal	0.7	16
261150005	warm	Nitrate	3.3	16
261150005	warm	Sulfate	32.4	16
261610008	cold	Carbon	8.8	8
261610008	cold	Crustal	0.6	8
261610008	cold	Nitrate	18.1	8
261610008	cold	Sulfate	9.6	8
261610008	warm	Carbon	10.9	7
261610008	warm	Crustal	0.8	7
261610008	warm	Nitrate	2.2	7
261610008	warm	Sulfate	24.2	7
270953051	cold	Carbon	2.0	5
270953051	cold	Crustal	0.2	7
270953051	cold	Nitrate	13.2	7
270953051	cold	Sulfate	3.0	5
270953051	warm	Carbon	4.6	6
270953051	warm	Crustal	1.0	6
270953051	warm	Nitrate	0.5	6
270953051	warm	Sulfate	6.0	6
271095008	cold	Carbon	3.4	8
271095008	cold	Crustal	0.4	9
271095008	cold	Nitrate	16.4	9
271095008	cold	Sulfate	4.8	8
271095008	warm	Carbon	9.7	8
271095008	warm	Crustal	1.3	8
271095008	warm	Nitrate	1.0	8
271095008	warm	Sulfate	12.4	8
280350004	cold	Carbon	10.8	11
280350004	cold	Crustal	0.8	11

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
280350004	cold	Nitrate	1.7	11
280350004	cold	Sulfate	13.8	11
280350004	warm	Carbon	11.3	9
280350004	warm	Crustal	1.0	9
280350004	warm	Nitrate	0.6	9
280350004	warm	Sulfate	15.0	9
280470008	cold	Carbon	10.5	4
280470008	cold	Crustal	0.4	4
280470008	cold	Nitrate	1.3	4
280470008	cold	Sulfate	10.9	4
280470008	warm	Carbon	16.6	4
280470008	warm	Crustal	0.4	4
280470008	warm	Nitrate	0.5	4
280470008	warm	Sulfate	20.0	4
280490018	cold	Carbon	9.9	2
280490018	cold	Crustal	1.4	2
280490018	cold	Nitrate	0.9	2
280490018	cold	Sulfate	12.9	2
280490018	warm	Carbon	9.1	1
280490018	warm	Crustal	1.2	1
280490018	warm	Nitrate	0.4	1
280490018	warm	Sulfate	8.4	1
280670002	cold	Carbon	11.4	11
280670002	cold	Crustal	0.9	11
280670002	cold	Nitrate	1.7	11
280670002	cold	Sulfate	13.3	11
280670002	warm	Carbon	12.1	9
280670002	warm	Crustal	0.7	9
280670002	warm	Nitrate	0.8	9
280670002	warm	Sulfate	14.8	9
300530018	cold	Carbon	35.2	2
300530018	cold	Crustal	0.7	2
300530018	cold	Nitrate	1.5	2
300530018	cold	Sulfate	1.4	2
300530018	warm	Carbon	4.9	2
300530018	warm	Crustal	0.7	2
300530018	warm	Nitrate	0.3	2
300530018	warm	Sulfate	1.2	2
320310016	cold	Carbon	10.7	2
320310016	cold	Crustal	0.6	2
320310016	cold	Nitrate	6.9	2
320310016	cold	Sulfate	1.0	5
320310016	warm	Carbon	2.5	2
320310016	warm	Crustal	0.4	2
320310016	warm	Nitrate	0.3	2
320310016	warm	Sulfate	1.0	2
330110020	cold	Carbon	6.3	2
330110020	cold	Crustal	0.5	2
330110020	cold	Nitrate	2.6	2

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
330110020	cold	Sulfate	10.9	2
330150014	cold	Carbon	4.8	2
330150014	cold	Crustal	0.3	2
330150014	cold	Nitrate	1.2	2
330150014	cold	Sulfate	8.2	2
340070003	cold	Carbon	12.4	9
340070003	cold	Crustal	0.9	9
340070003	cold	Nitrate	9.3	10
340070003	cold	Sulfate	7.6	9
340070003	warm	Carbon	7.0	15
340070003	warm	Crustal	1.2	15
340070003	warm	Nitrate	3.7	15
340070003	warm	Sulfate	22.3	15
340230006	cold	Carbon	7.4	13
340230006	cold	Crustal	0.4	13
340230006	cold	Nitrate	5.8	13
340230006	cold	Sulfate	8.7	13
340230006	warm	Carbon	7.4	4
340230006	warm	Crustal	0.7	4
340230006	warm	Nitrate	2.5	4
340230006	warm	Sulfate	26.4	4
340273001	cold	Carbon	4.8	11
340273001	cold	Crustal	0.5	11
340273001	cold	Nitrate	4.5	11
340273001	cold	Sulfate	10.5	11
340273001	warm	Carbon	9.5	5
340273001	warm	Crustal	0.5	5
340273001	warm	Nitrate	1.0	5
340273001	warm	Sulfate	27.9	5
340390004	warm	Carbon	13.2	3
340390004	warm	Crustal	0.9	3
340390004	warm	Nitrate	3.4	3
340390004	warm	Sulfate	21.4	3
360290005	cold	Carbon	7.6	3
360290005	cold	Crustal	0.7	3
360290005	cold	Nitrate	11.7	3
360290005	cold	Sulfate	8.6	3
360290005	warm	Carbon	7.3	2
360290005	warm	Crustal	0.7	2
360290005	warm	Nitrate	1.1	2
360290005	warm	Sulfate	32.2	2
360310003	cold	Carbon	4.7	2
360310003	cold	Crustal	0.3	2
360310003	cold	Nitrate	0.5	3
360310003	cold	Sulfate	14.6	2
360310003	warm	Carbon	5.7	4
360310003	warm	Crustal	0.3	4
360310003	warm	Nitrate	0.2	4
360310003	warm	Sulfate	16.9	4

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
361010003	cold	Carbon	2.9	22
361010003	cold	Crustal	0.3	22
361010003	cold	Nitrate	4.7	22
361010003	cold	Sulfate	6.6	22
361010003	warm	Carbon	4.2	21
361010003	warm	Crustal	0.4	21
361010003	warm	Nitrate	0.5	21
361010003	warm	Sulfate	20.8	21
370210034	cold	Carbon	6.7	10
370210034	cold	Crustal	0.3	10
370210034	cold	Nitrate	2.1	10
370210034	cold	Sulfate	6.8	10
370210034	warm	Carbon	9.0	16
370210034	warm	Crustal	0.5	16
370210034	warm	Nitrate	0.7	16
370210034	warm	Sulfate	16.9	16
370350004	cold	Carbon	10.0	17
370350004	cold	Crustal	0.4	17
370350004	cold	Nitrate	3.5	17
370350004	cold	Sulfate	9.5	17
370350004	warm	Carbon	10.3	16
370350004	warm	Crustal	0.4	16
370350004	warm	Nitrate	1.2	16
370350004	warm	Sulfate	19.5	16
370510009	cold	Carbon	6.3	5
370510009	cold	Crustal	0.3	5
370510009	cold	Nitrate	1.9	5
370510009	cold	Sulfate	18.9	5
370510009	warm	Carbon	5.5	5
370510009	warm	Crustal	0.3	5
370510009	warm	Nitrate	1.3	5
370510009	warm	Sulfate	14.6	5
370570002	cold	Carbon	7.5	10
370570002	cold	Crustal	0.4	10
370570002	cold	Nitrate	2.9	10
370570002	cold	Sulfate	10.5	10
370570002	warm	Carbon	8.0	6
370570002	warm	Crustal	0.5	6
370570002	warm	Nitrate	1.1	6
370570002	warm	Sulfate	14.2	6
370670022	cold	Carbon	8.8	4
370670022	cold	Crustal	0.5	4
370670022	cold	Nitrate	2.9	4
370670022	cold	Sulfate	6.7	4
370670022	warm	Carbon	5.8	3
370670022	warm	Crustal	0.3	3
370670022	warm	Nitrate	1.9	3
370670022	warm	Sulfate	18.6	3
370810013	cold	Carbon	7.5	3

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
370810013	cold	Crustal	0.4	3
370810013	cold	Nitrate	2.7	3
370810013	cold	Sulfate	10.5	3
370810013	warm	Carbon	8.2	6
370810013	warm	Crustal	0.9	6
370810013	warm	Nitrate	1.0	6
370810013	warm	Sulfate	17.1	6
371070004	cold	Carbon	5.4	2
371070004	cold	Crustal	0.2	2
371070004	cold	Nitrate	4.0	2
371070004	cold	Sulfate	24.8	2
371070004	warm	Carbon	5.4	7
371070004	warm	Crustal	0.3	7
371070004	warm	Nitrate	1.1	7
371070004	warm	Sulfate	12.8	7
371830014	cold	Carbon	8.1	9
371830014	cold	Crustal	0.6	9
371830014	cold	Nitrate	2.2	9
371830014	cold	Sulfate	13.3	9
371830014	warm	Carbon	8.3	4
371830014	warm	Crustal	0.2	4
371830014	warm	Nitrate	0.9	4
371830014	warm	Sulfate	12.7	4
380530002	cold	Carbon	3.4	4
380530002	cold	Crustal	0.2	4
380530002	cold	Nitrate	3.3	4
380530002	cold	Sulfate	2.8	4
380530002	warm	Carbon	4.1	4
380530002	warm	Crustal	0.6	4
380530002	warm	Nitrate	0.5	4
380530002	warm	Sulfate	2.0	4
390171004	cold	Carbon	5.6	10
390171004	cold	Crustal	0.7	10
390171004	cold	Nitrate	7.3	10
390171004	cold	Sulfate	13.3	10
390171004	warm	Carbon	8.1	9
390171004	warm	Crustal	1.1	9
390171004	warm	Nitrate	1.2	9
390171004	warm	Sulfate	26.4	9
390350038	cold	Carbon	9.8	2
390350038	cold	Sulfate	7.7	2
390350038	warm	Carbon	10.9	5
390350038	warm	Crustal	4.1	5
390350038	warm	Nitrate	3.7	5
390350038	warm	Sulfate	33.6	5
390350060	cold	Carbon	9.4	9
390350060	cold	Crustal	1.6	11
390350060	cold	Nitrate	14.5	11
390350060	cold	Sulfate	12.0	9

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
390350060	warm	Carbon	7.0	1
390350060	warm	Crustal	2.7	1
390350060	warm	Nitrate	1.6	2
390350060	warm	Sulfate	38.2	1
390490081	cold	Carbon	4.6	10
390490081	cold	Crustal	0.4	10
390490081	cold	Nitrate	10.2	10
390490081	cold	Sulfate	8.3	10
390490081	warm	Carbon	5.2	5
390490081	warm	Crustal	0.6	5
390490081	warm	Nitrate	1.6	5
390490081	warm	Sulfate	24.9	5
390610040	cold	Carbon	2.8	1
390610040	cold	Crustal	0.5	1
390610040	cold	Nitrate	2.9	1
390610040	cold	Sulfate	18.8	1
390610040	warm	Carbon	7.9	5
390610040	warm	Crustal	0.5	5
390610040	warm	Nitrate	1.5	5
390610040	warm	Sulfate	24.5	5
390810017	cold	Carbon	6.3	11
390810017	cold	Crustal	1.6	11
390810017	cold	Nitrate	4.3	11
390810017	cold	Sulfate	9.2	11
390810017	warm	Carbon	10.4	4
390810017	warm	Crustal	2.4	4
390810017	warm	Nitrate	1.7	4
390810017	warm	Sulfate	25.1	4
390870010	cold	Carbon	6.0	28
390870010	cold	Crustal	0.7	28
390870010	cold	Nitrate	3.9	28
390870010	cold	Sulfate	8.8	28
390870010	warm	Carbon	8.3	25
390870010	warm	Crustal	1.7	25
390870010	warm	Nitrate	1.3	25
390870010	warm	Sulfate	23.1	25
390930016	cold	Carbon	4.2	7
390930016	cold	Crustal	0.5	7
390930016	cold	Nitrate	12.3	7
390930016	cold	Sulfate	8.4	7
390930016	warm	Carbon	9.7	7
390930016	warm	Crustal	1.4	7
390930016	warm	Nitrate	1.2	7
390930016	warm	Sulfate	29.5	7
390933002	cold	Carbon	14.3	9
390933002	cold	Crustal	2.0	9
390933002	cold	Nitrate	5.5	9
390933002	cold	Sulfate	3.1	9
390933002	warm	Carbon	6.8	5

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
390933002	warm	Crustal	1.7	5
390933002	warm	Nitrate	2.8	5
390933002	warm	Sulfate	24.1	5
390950026	cold	Carbon	6.9	12
390950026	cold	Crustal	0.5	12
390950026	cold	Nitrate	16.2	12
390950026	cold	Sulfate	8.2	12
390950026	warm	Carbon	7.2	10
390950026	warm	Crustal	1.6	10
390950026	warm	Nitrate	2.3	10
390950026	warm	Sulfate	30.5	10
390990014	cold	Carbon	7.1	18
390990014	cold	Crustal	1.5	18
390990014	cold	Nitrate	7.5	18
390990014	cold	Sulfate	7.8	18
390990014	warm	Carbon	9.3	18
390990014	warm	Crustal	2.4	18
390990014	warm	Nitrate	1.5	18
390990014	warm	Sulfate	27.7	18
391130031	cold	Carbon	5.9	7
391130031	cold	Crustal	0.5	7
391130031	cold	Nitrate	5.4	7
391130031	cold	Sulfate	10.1	7
391130031	warm	Carbon	6.5	13
391130031	warm	Crustal	0.9	13
391130031	warm	Nitrate	1.4	13
391130031	warm	Sulfate	27.7	13
391510017	cold	Carbon	6.3	1
391510017	cold	Crustal	0.5	1
391510017	cold	Nitrate	9.8	1
391510017	cold	Sulfate	4.5	1
391510017	warm	Carbon	9.2	5
391510017	warm	Crustal	1.8	5
391510017	warm	Nitrate	1.6	5
391510017	warm	Sulfate	39.2	5
391510020	cold	Carbon	4.1	7
391510020	cold	Crustal	1.2	7
391510020	cold	Nitrate	6.4	7
391510020	cold	Sulfate	6.4	7
391510020	warm	Carbon	7.7	8
391510020	warm	Crustal	2.3	8
391510020	warm	Nitrate	2.1	8
391510020	warm	Sulfate	21.5	8
391530023	cold	Carbon	7.1	2
391530023	cold	Crustal	0.9	2
391530023	cold	Nitrate	14.4	2
391530023	cold	Sulfate	12.2	2
391530023	warm	Carbon	7.4	3
391530023	warm	Crustal	1.0	3

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
391530023	warm	Nitrate	2.3	3
391530023	warm	Sulfate	31.8	3
401091037	cold	Carbon	10.3	1
401091037	cold	Crustal	0.8	1
401091037	cold	Nitrate	1.0	1
401091037	cold	Sulfate	6.6	1
401091037	warm	Carbon	9.1	1
401091037	warm	Crustal	0.4	1
401091037	warm	Nitrate	0.6	1
401091037	warm	Sulfate	24.9	1
410290133	cold	Nitrate	2.9	3
410290133	warm	Nitrate	0.8	4
410390060	cold	Nitrate	4.6	4
410390060	warm	Crustal	0.7	1
410390060	warm	Nitrate	1.0	2
410610119	cold	Nitrate	13.1	3
410610119	warm	Crustal	2.2	1
410610119	warm	Nitrate	0.3	4
420010001	cold	Carbon	8.0	10
420010001	cold	Crustal	0.6	10
420010001	cold	Nitrate	14.2	10
420010001	cold	Sulfate	9.8	10
420010001	warm	Carbon	8.0	5
420010001	warm	Crustal	1.4	5
420010001	warm	Nitrate	1.0	5
420010001	warm	Sulfate	27.6	5
420030008	warm	Carbon	9.8	1
420030008	warm	Crustal	1.2	1
420030008	warm	Nitrate	1.0	1
420030008	warm	Sulfate	17.6	1
420270100	cold	Carbon	5.2	18
420270100	cold	Crustal	0.4	18
420270100	cold	Nitrate	6.1	18
420270100	cold	Sulfate	7.2	18
420270100	warm	Carbon	6.4	19
420270100	warm	Crustal	0.8	19
420270100	warm	Nitrate	1.0	19
420270100	warm	Sulfate	27.5	19
420290100	cold	Carbon	11.7	8
420290100	cold	Crustal	0.5	8
420290100	cold	Nitrate	7.8	8
420290100	cold	Sulfate	7.7	8
420290100	warm	Carbon	8.8	4
420290100	warm	Crustal	0.4	4
420290100	warm	Nitrate	4.3	4
420290100	warm	Sulfate	24.1	4
420430401	cold	Carbon	8.6	4
420430401	cold	Crustal	0.9	4
420430401	cold	Nitrate	15.0	4

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
420430401	cold	Sulfate	9.6	4
420430401	warm	Carbon	6.2	4
420430401	warm	Crustal	0.8	4
420430401	warm	Nitrate	3.1	4
420430401	warm	Sulfate	26.6	4
420450002	cold	Carbon	4.2	1
420450002	cold	Crustal	2.0	1
420450002	cold	Nitrate	12.9	1
420450002	cold	Sulfate	13.0	1
420490003	cold	Carbon	8.5	16
420490003	cold	Crustal	0.9	16
420490003	cold	Nitrate	10.2	16
420490003	cold	Sulfate	7.1	16
420490003	warm	Carbon	9.1	15
420490003	warm	Crustal	0.8	15
420490003	warm	Nitrate	0.9	15
420490003	warm	Sulfate	23.8	15
420692006	cold	Carbon	7.4	30
420692006	cold	Crustal	0.6	30
420692006	cold	Nitrate	5.0	30
420692006	cold	Sulfate	8.4	30
420692006	warm	Carbon	6.8	30
420692006	warm	Crustal	0.7	30
420692006	warm	Nitrate	1.2	30
420692006	warm	Sulfate	19.6	30
420710007	cold	Carbon	9.4	29
420710007	cold	Crustal	0.7	29
420710007	cold	Nitrate	14.4	29
420710007	cold	Sulfate	12.5	29
420710007	warm	Carbon	7.7	18
420710007	warm	Crustal	0.5	18
420710007	warm	Nitrate	4.4	18
420710007	warm	Sulfate	25.3	18
420950025	cold	Carbon	9.8	50
420950025	cold	Crustal	0.7	50
420950025	cold	Nitrate	7.8	50
420950025	cold	Sulfate	8.9	50
420950025	warm	Carbon	8.3	24
420950025	warm	Crustal	0.7	24
420950025	warm	Nitrate	2.7	24
420950025	warm	Sulfate	26.4	24
420990301	cold	Carbon	8.1	9
420990301	cold	Crustal	0.5	9
420990301	cold	Nitrate	6.8	9
420990301	cold	Sulfate	6.3	9
420990301	warm	Carbon	6.7	7
420990301	warm	Crustal	0.7	7
420990301	warm	Nitrate	0.8	7
420990301	warm	Sulfate	17.7	7

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
421010004	cold	Carbon	10.8	18
421010004	cold	Crustal	0.9	20
421010004	cold	Nitrate	8.8	20
421010004	cold	Sulfate	8.2	18
421010004	warm	Carbon	6.7	10
421010004	warm	Crustal	0.9	10
421010004	warm	Nitrate	1.9	10
421010004	warm	Sulfate	28.2	10
421255001	cold	Carbon	4.9	5
421255001	cold	Crustal	0.4	5
421255001	cold	Nitrate	3.1	5
421255001	cold	Sulfate	6.5	5
421255001	warm	Carbon	9.4	6
421255001	warm	Crustal	0.9	6
421255001	warm	Nitrate	0.5	6
421255001	warm	Sulfate	26.4	6
421330008	cold	Carbon	9.3	12
421330008	cold	Crustal	1.1	12
421330008	cold	Nitrate	18.0	12
421330008	cold	Sulfate	16.2	12
421330008	warm	Carbon	7.2	10
421330008	warm	Crustal	1.0	10
421330008	warm	Nitrate	2.3	10
421330008	warm	Sulfate	26.4	10
440070022	cold	Carbon	8.7	19
440070022	cold	Crustal	0.5	19
440070022	cold	Nitrate	4.6	19
440070022	cold	Sulfate	8.2	19
440070022	warm	Carbon	8.1	10
440070022	warm	Crustal	0.6	10
440070022	warm	Nitrate	1.9	13
440070022	warm	Sulfate	21.0	10
450190049	cold	Carbon	8.0	8
450190049	cold	Crustal	0.5	8
450190049	cold	Nitrate	1.9	8
450190049	cold	Sulfate	9.4	8
450190049	warm	Carbon	5.3	5
450190049	warm	Crustal	0.3	5
450190049	warm	Nitrate	0.9	5
450190049	warm	Sulfate	15.6	5
450250001	cold	Carbon	5.6	17
450250001	cold	Crustal	0.2	18
450250001	cold	Nitrate	1.9	18
450250001	cold	Sulfate	11.9	17
450250001	warm	Carbon	8.7	17
450250001	warm	Crustal	0.5	19
450250001	warm	Nitrate	0.4	20
450250001	warm	Sulfate	17.5	17
450450009	cold	Carbon	8.3	10

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
450450009	cold	Crustal	0.4	10
450450009	cold	Nitrate	3.2	10
450450009	cold	Sulfate	8.1	10
450450009	warm	Carbon	10.5	5
450450009	warm	Crustal	0.4	5
450450009	warm	Nitrate	0.5	5
450450009	warm	Sulfate	12.1	5
450790019	cold	Carbon	7.9	11
450790019	cold	Crustal	0.6	11
450790019	cold	Nitrate	2.9	11
450790019	cold	Sulfate	9.3	11
450790019	warm	Carbon	10.1	7
450790019	warm	Crustal	0.6	7
450790019	warm	Nitrate	0.7	7
450790019	warm	Sulfate	20.5	7
470654002	cold	Carbon	6.4	8
470654002	cold	Crustal	0.7	8
470654002	cold	Nitrate	2.2	8
470654002	cold	Sulfate	9.1	8
470654002	warm	Carbon	9.5	9
470654002	warm	Crustal	0.6	9
470654002	warm	Nitrate	0.7	9
470654002	warm	Sulfate	19.9	9
470931020	cold	Carbon	9.5	3
470931020	cold	Crustal	1.5	3
470931020	cold	Nitrate	3.2	3
470931020	cold	Sulfate	4.3	3
470931020	warm	Carbon	7.9	2
470931020	warm	Crustal	0.4	2
470931020	warm	Nitrate	0.7	2
470931020	warm	Sulfate	18.7	2
470990002	cold	Carbon	4.3	10
470990002	cold	Crustal	0.3	10
470990002	cold	Nitrate	1.2	10
470990002	cold	Sulfate	7.9	10
470990002	warm	Carbon	9.1	14
470990002	warm	Crustal	0.5	14
470990002	warm	Nitrate	0.4	14
470990002	warm	Sulfate	18.4	14
471631007	cold	Carbon	5.6	4
471631007	cold	Crustal	0.8	4
471631007	cold	Nitrate	3.4	4
471631007	cold	Sulfate	8.0	4
471631007	warm	Carbon	10.2	2
471631007	warm	Crustal	1.3	2
471631007	warm	Nitrate	0.7	2
471631007	warm	Sulfate	15.4	2
471650007	cold	Carbon	5.9	5
471650007	cold	Crustal	1.0	5

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
471650007	cold	Nitrate	1.6	5
471650007	cold	Sulfate	5.8	5
471650007	warm	Carbon	10.1	1
471650007	warm	Crustal	0.4	1
471650007	warm	Nitrate	0.5	1
471650007	warm	Sulfate	13.1	1
480430002	cold	Carbon	0.6	1
480430002	cold	Crustal	1.8	2
480430002	cold	Sulfate	1.7	1
480430002	warm	Carbon	1.4	2
480430002	warm	Crustal	2.2	2
480430002	warm	Sulfate	3.4	2
480430101	cold	Carbon	1.4	2
480430101	cold	Crustal	0.7	2
480430101	cold	Sulfate	5.4	2
480430101	warm	Carbon	1.8	1
480430101	warm	Crustal	0.4	1
480430101	warm	Sulfate	6.8	1
482030002	cold	Carbon	10.9	3
482030002	cold	Crustal	0.6	3
482030002	cold	Sulfate	8.5	3
482030002	warm	Carbon	10.7	2
482030002	warm	Crustal	0.4	2
482030002	warm	Sulfate	15.1	2
482430004	cold	Carbon	1.1	4
482430004	cold	Crustal	0.4	3
482430004	cold	Sulfate	4.2	4
482430004	warm	Carbon	1.4	2
482430004	warm	Crustal	1.1	2
482430004	warm	Sulfate	2.9	2
482450021	cold	Crustal	0.6	1
482450021	warm	Crustal	0.5	1
482450022	cold	Crustal	0.4	33
482450022	warm	Crustal	1.8	29
483611100	cold	Crustal	1.1	24
483611100	warm	Crustal	2.0	21
490494001	cold	Carbon	9.7	6
490494001	cold	Crustal	1.0	6
490494001	cold	Nitrate	18.8	6
490494001	cold	Sulfate	1.9	6
490494001	warm	Carbon	8.1	6
490494001	warm	Crustal	1.8	6
490494001	warm	Nitrate	0.7	6
490494001	warm	Sulfate	1.7	6
510870014	cold	Carbon	7.9	18
510870014	cold	Crustal	0.4	18
510870014	cold	Nitrate	3.8	18
510870014	cold	Sulfate	9.1	18
510870014	warm	Carbon	8.2	14

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
510870014	warm	Crustal	0.9	14
510870014	warm	Nitrate	0.6	14
510870014	warm	Sulfate	20.3	14
511390004	cold	Carbon	6.0	14
511390004	cold	Crustal	0.3	14
511390004	cold	Nitrate	9.4	14
511390004	cold	Sulfate	8.2	14
511390004	warm	Carbon	3.4	6
511390004	warm	Crustal	0.2	6
511390004	warm	Nitrate	1.4	6
511390004	warm	Sulfate	20.8	6
515200006	cold	Carbon	7.0	2
515200006	cold	Crustal	0.4	2
515200006	cold	Nitrate	2.4	2
515200006	cold	Sulfate	5.8	2
515200006	warm	Carbon	4.9	2
515200006	warm	Crustal	0.5	2
515200006	warm	Nitrate	1.8	2
515200006	warm	Sulfate	20.6	2
530330057	cold	Sulfate	4.1	1
530330080	cold	Sulfate	3.5	1
530330080	warm	Sulfate	2.4	1
540390011	cold	Carbon	4.3	4
540390011	cold	Crustal	0.5	4
540390011	cold	Nitrate	0.7	5
540390011	cold	Sulfate	10.0	4
540390011	warm	Carbon	10.0	6
540390011	warm	Crustal	0.7	6
540390011	warm	Nitrate	1.2	6
540390011	warm	Sulfate	20.5	6
540391005	cold	Carbon	9.0	14
540391005	cold	Crustal	1.3	14
540391005	cold	Nitrate	2.0	14
540391005	cold	Sulfate	7.9	14
540391005	warm	Carbon	11.6	13
540391005	warm	Crustal	0.9	13
540391005	warm	Nitrate	1.0	13
540391005	warm	Sulfate	20.2	13
540511002	cold	Carbon	7.0	21
540511002	cold	Crustal	0.5	21
540511002	cold	Nitrate	2.2	21
540511002	cold	Sulfate	8.4	21
540511002	warm	Carbon	6.2	17
540511002	warm	Crustal	0.8	17
540511002	warm	Nitrate	0.6	17
540511002	warm	Sulfate	26.2	17
550270007	cold	Carbon	4.9	20
550270007	cold	Crustal	0.3	20
550270007	cold	Nitrate	18.4	20

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
550270007	cold	Sulfate	6.6	20
550270007	warm	Carbon	7.1	20
550270007	warm	Crustal	0.5	20
550270007	warm	Nitrate	3.4	20
550270007	warm	Sulfate	21.2	20
550590019	cold	Carbon	5.0	14
550590019	cold	Crustal	0.4	14
550590019	cold	Nitrate	17.9	14
550590019	cold	Sulfate	7.6	14
550590019	warm	Carbon	8.0	9
550590019	warm	Crustal	0.8	9
550590019	warm	Nitrate	1.8	9
550590019	warm	Sulfate	19.4	9
550710007	cold	Carbon	2.9	7
550710007	cold	Crustal	0.2	7
550710007	cold	Nitrate	10.0	7
550710007	cold	Sulfate	5.4	7
550710007	warm	Carbon	8.2	6
550710007	warm	Crustal	0.5	6
550710007	warm	Nitrate	3.4	6
550710007	warm	Sulfate	11.5	6
550790026	cold	Carbon	6.0	13
550790026	cold	Crustal	0.8	13
550790026	cold	Nitrate	21.5	13
550790026	cold	Sulfate	7.8	13
550790026	warm	Carbon	7.0	11
550790026	warm	Crustal	0.8	11
550790026	warm	Nitrate	2.0	11
550790026	warm	Sulfate	27.1	11
551198001	cold	Carbon	2.9	5
551198001	cold	Crustal	0.6	5
551198001	cold	Nitrate	11.6	5
551198001	cold	Sulfate	5.0	5
551198001	warm	Carbon	5.3	4
551198001	warm	Crustal	0.9	4
551198001	warm	Nitrate	0.7	4
551198001	warm	Sulfate	4.5	4
551330027	cold	Carbon	6.8	21
551330027	cold	Crustal	1.6	21
551330027	cold	Nitrate	19.9	21
551330027	cold	Sulfate	7.4	21
551330027	warm	Carbon	4.5	15
551330027	warm	Crustal	1.2	15
551330027	warm	Nitrate	1.6	15
551330027	warm	Sulfate	21.0	15
ADPI1	cold	Carbon	2.4	17
ADPI1	cold	Crustal	0.6	17
ADPI1	cold	Nitrate	2.9	17
ADPI1	cold	Sulfate	8.3	17

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
ADPI1	warm	Carbon	2.6	12
ADPI1	warm	Crustal	1.0	11
ADPI1	warm	Nitrate	0.3	11
ADPI1	warm	Sulfate	29.1	12
AGTI1	cold	Carbon	2.2	26
AGTI1	cold	Crustal	0.7	26
AGTI1	cold	Nitrate	2.7	26
AGTI1	cold	Sulfate	2.8	26
AGTI1	warm	Carbon	2.0	11
AGTI1	warm	Crustal	1.5	11
AGTI1	warm	Nitrate	1.6	11
AGTI1	warm	Sulfate	6.0	11
AREN1	cold	Carbon	3.2	28
AREN1	cold	Crustal	0.7	28
AREN1	cold	Nitrate	10.4	28
AREN1	cold	Sulfate	10.2	25
AREN1	warm	Carbon	3.5	33
AREN1	warm	Crustal	1.0	33
AREN1	warm	Nitrate	0.8	33
AREN1	warm	Sulfate	25.0	33
BALT1	cold	Carbon	5.6	32
BALT1	cold	Crustal	0.9	32
BALT1	cold	Nitrate	9.6	29
BALT1	cold	Sulfate	10.5	29
BALT1	warm	Carbon	4.8	14
BALT1	warm	Crustal	0.8	14
BALT1	warm	Nitrate	0.4	14
BALT1	warm	Sulfate	29.7	14
BAND1	cold	Carbon	1.1	4
BAND1	cold	Crustal	0.4	4
BAND1	cold	Nitrate	0.4	4
BAND1	cold	Sulfate	0.4	3
BAND1	warm	Carbon	1.5	3
BAND1	warm	Crustal	1.1	3
BAND1	warm	Nitrate	0.3	3
BAND1	warm	Sulfate	2.1	3
BIBE1	cold	Carbon	1.3	9
BIBE1	cold	Crustal	1.3	9
BIBE1	cold	Nitrate	0.4	9
BIBE1	cold	Sulfate	7.5	9
BIBE1	warm	Carbon	1.2	9
BIBE1	warm	Crustal	4.9	9
BIBE1	warm	Nitrate	0.4	9
BIBE1	warm	Sulfate	7.1	9
BLIS1	cold	Carbon	0.8	28
BLIS1	cold	Crustal	0.1	28
BLIS1	cold	Nitrate	0.3	28
BLIS1	cold	Sulfate	0.4	25
BLIS1	warm	Carbon	1.7	26

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
BLIS1	warm	Crustal	0.8	26
BLIS1	warm	Nitrate	0.2	26
BLIS1	warm	Sulfate	1.3	26
BLMO1	cold	Carbon	1.9	5
BLMO1	cold	Crustal	0.4	5
BLMO1	cold	Nitrate	12.1	5
BLMO1	cold	Sulfate	5.0	5
BLMO1	warm	Carbon	3.2	2
BLMO1	warm	Crustal	1.9	2
BLMO1	warm	Nitrate	1.5	2
BLMO1	warm	Sulfate	10.6	2
BOAP1	cold	Carbon	1.5	9
BOAP1	cold	Crustal	0.7	9
BOAP1	cold	Nitrate	0.8	9
BOAP1	cold	Sulfate	0.6	8
BOAP1	warm	Carbon	0.9	7
BOAP1	warm	Crustal	1.1	7
BOAP1	warm	Nitrate	0.1	7
BOAP1	warm	Sulfate	1.7	7
BOND1	cold	Carbon	2.4	49
BOND1	cold	Crustal	0.5	49
BOND1	cold	Nitrate	11.0	49
BOND1	cold	Sulfate	6.7	49
BOND1	warm	Carbon	3.5	40
BOND1	warm	Crustal	1.0	40
BOND1	warm	Nitrate	0.8	40
BOND1	warm	Sulfate	27.5	40
BRET1	cold	Carbon	2.3	3
BRET1	cold	Crustal	0.4	3
BRET1	cold	Nitrate	1.5	3
BRET1	cold	Sulfate	10.5	3
BRET1	warm	Carbon	2.8	3
BRET1	warm	Crustal	0.7	3
BRET1	warm	Nitrate	0.3	3
BRET1	warm	Sulfate	16.3	3
BRIG1	cold	Carbon	2.8	89
BRIG1	cold	Crustal	0.5	89
BRIG1	cold	Nitrate	3.3	89
BRIG1	cold	Sulfate	7.8	89
BRIG1	warm	Carbon	2.9	67
BRIG1	warm	Crustal	1.1	67
BRIG1	warm	Nitrate	0.6	67
BRIG1	warm	Sulfate	19.6	67
BRMA1	cold	Carbon	2.3	16
BRMA1	cold	Crustal	0.3	16
BRMA1	cold	Nitrate	1.4	17
BRMA1	cold	Sulfate	5.4	16
BRMA1	warm	Carbon	2.7	14
BRMA1	warm	Crustal	0.9	14

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
BRMA1	warm	Nitrate	0.3	14
BRMA1	warm	Sulfate	16.3	14
CABA1	cold	Carbon	3.4	18
CABA1	cold	Crustal	0.3	18
CABA1	cold	Nitrate	1.6	18
CABA1	cold	Sulfate	5.0	18
CABA1	warm	Carbon	2.7	12
CABA1	warm	Crustal	1.0	12
CABA1	warm	Nitrate	0.9	12
CABA1	warm	Sulfate	14.0	12
CABI1	cold	Carbon	0.4	14
CABI1	cold	Crustal	0.1	14
CABI1	cold	Nitrate	0.1	14
CABI1	cold	Sulfate	0.3	13
CABI1	warm	Carbon	1.8	13
CABI1	warm	Crustal	1.0	13
CABI1	warm	Nitrate	0.1	13
CABI1	warm	Sulfate	1.1	13
CACO1	cold	Carbon	2.1	17
CACO1	cold	Crustal	0.4	17
CACO1	cold	Nitrate	1.5	17
CACO1	cold	Sulfate	5.6	17
CACO1	warm	Carbon	1.9	17
CACO1	warm	Crustal	0.8	17
CACO1	warm	Nitrate	0.6	17
CACO1	warm	Sulfate	16.6	17
CACR1	cold	Carbon	3.4	12
CACR1	cold	Crustal	0.7	12
CACR1	cold	Nitrate	1.5	12
CACR1	cold	Sulfate	7.1	12
CACR1	warm	Carbon	5.5	11
CACR1	warm	Crustal	1.0	11
CACR1	warm	Nitrate	0.2	11
CACR1	warm	Sulfate	13.6	11
CADI1	cold	Carbon	2.8	24
CADI1	cold	Crustal	0.7	24
CADI1	cold	Nitrate	3.5	24
CADI1	cold	Sulfate	11.4	24
CADI1	warm	Carbon	4.2	22
CADI1	warm	Crustal	0.7	22
CADI1	warm	Nitrate	0.3	22
CADI1	warm	Sulfate	21.4	22
CANY1	cold	Carbon	0.8	4
CANY1	cold	Crustal	0.2	4
CANY1	cold	Nitrate	1.1	4
CANY1	cold	Sulfate	0.7	4
CANY1	warm	Carbon	1.7	3
CANY1	warm	Crustal	0.9	3
CANY1	warm	Nitrate	0.2	3

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
CANY1	warm	Sulfate	1.8	3
CAPI1	cold	Carbon	0.5	4
CAPI1	cold	Crustal	0.2	4
CAPI1	cold	Nitrate	0.6	4
CAPI1	cold	Sulfate	0.6	4
CAPI1	warm	Carbon	1.9	4
CAPI1	warm	Crustal	1.5	4
CAPI1	warm	Nitrate	0.3	4
CAPI1	warm	Sulfate	1.9	4
CHAS1	cold	Carbon	3.2	3
CHAS1	cold	Crustal	1.0	3
CHAS1	cold	Nitrate	0.5	3
CHAS1	cold	Sulfate	12.3	3
CHAS1	warm	Carbon	3.7	3
CHAS1	warm	Crustal	0.8	3
CHAS1	warm	Nitrate	0.2	3
CHAS1	warm	Sulfate	25.8	3
CHER1	cold	Carbon	4.1	11
CHER1	cold	Crustal	1.4	11
CHER1	cold	Nitrate	5.2	11
CHER1	cold	Sulfate	6.3	11
CHER1	warm	Carbon	4.8	8
CHER1	warm	Crustal	3.5	8
CHER1	warm	Nitrate	0.3	8
CHER1	warm	Sulfate	19.3	8
CHIR1	warm	Carbon	0.6	1
CHIR1	warm	Crustal	0.5	1
CHIR1	warm	Nitrate	0.1	1
CHIR1	warm	Sulfate	1.6	1
COGO1	cold	Carbon	5.3	9
COGO1	cold	Crustal	0.3	9
COGO1	cold	Nitrate	4.2	9
COGO1	cold	Sulfate	1.8	10
COGO1	warm	Carbon	3.8	6
COGO1	warm	Crustal	0.6	6
COGO1	warm	Nitrate	0.9	6
COGO1	warm	Sulfate	2.4	7
COHI1	cold	Carbon	2.3	19
COHI1	cold	Crustal	0.6	19
COHI1	cold	Nitrate	3.5	19
COHI1	cold	Sulfate	7.9	19
COHI1	warm	Carbon	2.4	14
COHI1	warm	Crustal	1.1	13
COHI1	warm	Nitrate	0.2	13
COHI1	warm	Sulfate	26.3	14
COHU1	cold	Carbon	3.8	18
COHU1	cold	Crustal	0.7	18
COHU1	cold	Nitrate	1.5	18
COHU1	cold	Sulfate	9.6	18

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
COHU1	warm	Carbon	4.6	15
COHU1	warm	Crustal	0.9	15
COHU1	warm	Nitrate	0.2	15
COHU1	warm	Sulfate	22.1	15
CRLA1	cold	Carbon	0.5	8
CRLA1	cold	Crustal	0.2	8
CRLA1	cold	Nitrate	0.1	8
CRLA1	cold	Sulfate	0.3	7
CRLA1	warm	Carbon	2.0	8
CRLA1	warm	Crustal	0.6	8
CRLA1	warm	Nitrate	0.1	8
CRLA1	warm	Sulfate	0.7	8
DEVA1	cold	Carbon	0.3	4
DEVA1	cold	Crustal	0.4	4
DEVA1	cold	Nitrate	0.1	4
DEVA1	cold	Sulfate	0.5	4
DEVA1	warm	Carbon	1.7	6
DEVA1	warm	Crustal	1.7	6
DEVA1	warm	Nitrate	0.4	6
DEVA1	warm	Sulfate	3.0	6
DOME1	cold	Carbon	0.8	4
DOME1	cold	Crustal	0.4	4
DOME1	cold	Nitrate	2.6	4
DOME1	cold	Sulfate	0.8	5
DOME1	warm	Carbon	2.9	4
DOME1	warm	Crustal	1.5	4
DOME1	warm	Nitrate	0.6	4
DOME1	warm	Sulfate	2.8	4
DOSO1	cold	Carbon	1.9	34
DOSO1	cold	Crustal	0.4	34
DOSO1	cold	Nitrate	0.7	34
DOSO1	cold	Sulfate	6.4	34
DOSO1	warm	Carbon	2.4	35
DOSO1	warm	Crustal	1.1	35
DOSO1	warm	Nitrate	0.2	35
DOSO1	warm	Sulfate	19.9	35
DOUG1	warm	Carbon	2.0	1
DOUG1	warm	Crustal	6.2	1
DOUG1	warm	Nitrate	0.1	1
DOUG1	warm	Sulfate	2.0	1
ELDO1	cold	Carbon	4.7	16
ELDO1	cold	Crustal	0.8	16
ELDO1	cold	Nitrate	8.0	16
ELDO1	cold	Sulfate	5.7	16
ELDO1	warm	Carbon	4.4	9
ELDO1	warm	Crustal	2.0	9
ELDO1	warm	Nitrate	0.4	9
ELDO1	warm	Sulfate	15.1	9
ELLI1	cold	Carbon	2.7	3

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
ELLI1	cold	Crustal	0.6	3
ELLI1	cold	Nitrate	0.6	3
ELLI1	cold	Sulfate	6.2	3
ELLI1	warm	Carbon	3.2	2
ELLI1	warm	Crustal	0.7	2
ELLI1	warm	Nitrate	0.2	2
ELLI1	warm	Sulfate	11.3	2
FLAT1	cold	Carbon	0.8	6
FLAT1	cold	Crustal	0.1	6
FLAT1	cold	Nitrate	0.1	6
FLAT1	cold	Sulfate	0.2	5
FLAT1	warm	Carbon	3.1	5
FLAT1	warm	Crustal	0.8	5
FLAT1	warm	Nitrate	0.2	5
FLAT1	warm	Sulfate	1.1	5
FRRE1	cold	Carbon	2.5	26
FRRE1	cold	Crustal	0.5	26
FRRE1	cold	Nitrate	2.2	26
FRRE1	cold	Sulfate	6.3	29
FRRE1	warm	Carbon	3.0	27
FRRE1	warm	Crustal	1.1	27
FRRE1	warm	Nitrate	0.3	27
FRRE1	warm	Sulfate	21.9	27
GICL1	cold	Carbon	0.5	4
GICL1	cold	Crustal	0.2	4
GICL1	cold	Nitrate	0.1	4
GICL1	cold	Sulfate	0.5	4
GICL1	warm	Carbon	0.9	4
GICL1	warm	Crustal	0.9	4
GICL1	warm	Nitrate	0.1	4
GICL1	warm	Sulfate	1.3	4
GLAC1	cold	Carbon	3.1	8
GLAC1	cold	Crustal	0.2	8
GLAC1	cold	Nitrate	1.5	8
GLAC1	cold	Sulfate	1.3	8
GLAC1	warm	Carbon	2.4	7
GLAC1	warm	Crustal	1.0	7
GLAC1	warm	Nitrate	0.1	7
GLAC1	warm	Sulfate	1.2	7
GRGU1	cold	Carbon	1.5	21
GRGU1	cold	Crustal	0.2	21
GRGU1	cold	Nitrate	0.8	20
GRGU1	cold	Sulfate	4.6	20
GRGU1	warm	Carbon	3.1	19
GRGU1	warm	Crustal	0.6	19
GRGU1	warm	Nitrate	0.1	19
GRGU1	warm	Sulfate	14.6	20
GRRI1	cold	Carbon	2.0	27
GRRI1	cold	Crustal	0.4	27

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
GRRI1	cold	Nitrate	14.3	27
GRRI1	cold	Sulfate	4.2	24
GRRI1	warm	Carbon	3.6	23
GRRI1	warm	Crustal	1.0	23
GRRI1	warm	Nitrate	0.6	23
GRRI1	warm	Sulfate	16.0	23
GRSA1	cold	Carbon	0.5	9
GRSA1	cold	Crustal	0.3	9
GRSA1	cold	Nitrate	0.4	9
GRSA1	cold	Sulfate	0.4	9
GRSA1	warm	Carbon	1.4	6
GRSA1	warm	Crustal	1.0	6
GRSA1	warm	Nitrate	0.2	6
GRSA1	warm	Sulfate	1.2	5
GRSM1	cold	Carbon	3.1	15
GRSM1	cold	Crustal	0.5	15
GRSM1	cold	Nitrate	1.1	15
GRSM1	cold	Sulfate	8.4	15
GRSM1	warm	Carbon	3.7	14
GRSM1	warm	Crustal	1.0	14
GRSM1	warm	Nitrate	0.3	14
GRSM1	warm	Sulfate	18.4	14
GUMO1	cold	Carbon	1.0	7
GUMO1	cold	Crustal	0.6	7
GUMO1	cold	Nitrate	0.8	9
GUMO1	cold	Sulfate	3.7	7
GUMO1	warm	Carbon	1.1	6
GUMO1	warm	Crustal	1.2	6
GUMO1	warm	Nitrate	0.3	8
GUMO1	warm	Sulfate	3.9	6
HECA1	cold	Carbon	1.7	12
HECA1	cold	Crustal	0.2	12
HECA1	cold	Nitrate	7.6	12
HECA1	cold	Sulfate	1.4	12
HECA1	warm	Carbon	5.0	8
HECA1	warm	Crustal	1.0	8
HECA1	warm	Nitrate	0.2	8
HECA1	warm	Sulfate	0.9	8
HEGL1	cold	Carbon	4.4	7
HEGL1	cold	Crustal	1.7	7
HEGL1	cold	Nitrate	2.8	7
HEGL1	cold	Sulfate	7.1	7
HEGL1	warm	Carbon	4.5	6
HEGL1	warm	Crustal	1.1	6
HEGL1	warm	Nitrate	0.2	6
HEGL1	warm	Sulfate	12.2	6
HOOV1	cold	Carbon	0.4	1
HOOV1	cold	Crustal	0.1	1
HOOV1	cold	Nitrate	0.3	1

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
HOOV1	cold	Sulfate	0.2	1
HOOV1	warm	Carbon	3.0	5
HOOV1	warm	Crustal	0.6	5
HOOV1	warm	Nitrate	0.3	5
HOOV1	warm	Sulfate	1.3	5
JARB1	cold	Carbon	0.4	4
JARB1	cold	Crustal	0.1	4
JARB1	cold	Nitrate	0.2	4
JARB1	cold	Sulfate	0.2	3
JARB1	warm	Carbon	3.0	3
JARB1	warm	Crustal	2.1	3
JARB1	warm	Nitrate	0.1	3
JARB1	warm	Sulfate	0.7	3
JARI1	cold	Carbon	3.1	40
JARI1	cold	Crustal	0.6	40
JARI1	cold	Nitrate	1.2	40
JARI1	cold	Sulfate	7.5	40
JARI1	warm	Carbon	3.5	32
JARI1	warm	Crustal	0.8	32
JARI1	warm	Nitrate	0.4	32
JARI1	warm	Sulfate	18.6	32
JOSH1	cold	Carbon	1.2	8
JOSH1	cold	Crustal	0.3	7
JOSH1	cold	Nitrate	4.8	7
JOSH1	cold	Sulfate	0.9	8
JOSH1	warm	Carbon	1.7	8
JOSH1	warm	Crustal	1.2	8
JOSH1	warm	Nitrate	0.7	8
JOSH1	warm	Sulfate	2.5	8
KAIS1	cold	Carbon	0.5	8
KAIS1	cold	Crustal	0.2	8
KAIS1	cold	Nitrate	0.1	8
KAIS1	cold	Sulfate	0.4	7
KAIS1	warm	Carbon	2.0	7
KAIS1	warm	Crustal	1.2	7
KAIS1	warm	Nitrate	0.3	7
KAIS1	warm	Sulfate	2.0	7
KALM1	cold	Carbon	1.7	8
KALM1	cold	Crustal	0.1	8
KALM1	cold	Nitrate	0.1	8
KALM1	cold	Sulfate	0.3	7
KALM1	warm	Carbon	3.4	8
KALM1	warm	Crustal	0.3	8
KALM1	warm	Nitrate	0.5	8
KALM1	warm	Sulfate	1.5	8
LABE1	cold	Carbon	1.1	9
LABE1	cold	Crustal	0.1	9
LABE1	cold	Nitrate	0.4	9
LABE1	cold	Sulfate	0.5	9

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
LABE1	warm	Carbon	2.3	8
LABE1	warm	Crustal	0.8	8
LABE1	warm	Nitrate	0.2	8
LABE1	warm	Sulfate	1.1	8
LASU1	cold	Carbon	2.5	7
LASU1	cold	Crustal	0.6	7
LASU1	cold	Nitrate	17.2	7
LASU1	cold	Sulfate	4.6	7
LASU1	warm	Carbon	3.3	7
LASU1	warm	Crustal	1.2	7
LASU1	warm	Nitrate	0.6	7
LASU1	warm	Sulfate	12.8	7
LAVO1	cold	Carbon	0.4	20
LAVO1	cold	Crustal	0.1	20
LAVO1	cold	Nitrate	0.3	20
LAVO1	cold	Sulfate	0.4	20
LAVO1	warm	Carbon	1.9	15
LAVO1	warm	Crustal	0.8	15
LAVO1	warm	Nitrate	0.3	15
LAVO1	warm	Sulfate	1.4	16
LIGO1	cold	Carbon	2.7	24
LIGO1	cold	Crustal	0.4	24
LIGO1	cold	Nitrate	0.6	24
LIGO1	cold	Sulfate	6.9	24
LIGO1	warm	Carbon	3.0	20
LIGO1	warm	Crustal	0.7	20
LIGO1	warm	Nitrate	0.2	20
LIGO1	warm	Sulfate	21.6	20
LIVO1	cold	Carbon	2.6	26
LIVO1	cold	Crustal	0.6	26
LIVO1	cold	Nitrate	6.9	26
LIVO1	cold	Sulfate	11.0	26
LIVO1	warm	Carbon	4.0	25
LIVO1	warm	Crustal	0.7	25
LIVO1	warm	Nitrate	0.5	24
LIVO1	warm	Sulfate	22.4	25
LOST1	cold	Carbon	1.1	8
LOST1	cold	Crustal	0.2	8
LOST1	cold	Nitrate	3.1	8
LOST1	cold	Sulfate	2.5	8
LOST1	warm	Carbon	1.9	8
LOST1	warm	Crustal	0.8	8
LOST1	warm	Nitrate	0.4	8
LOST1	warm	Sulfate	2.8	8
LYBR1	cold	Carbon	1.8	14
LYBR1	cold	Crustal	0.3	14
LYBR1	cold	Nitrate	1.8	14
LYBR1	cold	Sulfate	5.3	14
LYBR1	warm	Carbon	2.4	19

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
LYBR1	warm	Crustal	0.9	19
LYBR1	warm	Nitrate	0.2	19
LYBR1	warm	Sulfate	20.3	19
MACA1	cold	Carbon	2.5	25
MACA1	cold	Crustal	0.6	25
MACA1	cold	Nitrate	2.9	25
MACA1	cold	Sulfate	10.5	25
MACA1	warm	Carbon	4.3	31
MACA1	warm	Crustal	0.9	31
MACA1	warm	Nitrate	0.4	31
MACA1	warm	Sulfate	20.0	31
MAVI1	cold	Carbon	2.1	22
MAVI1	cold	Crustal	0.4	22
MAVI1	cold	Nitrate	1.7	22
MAVI1	cold	Sulfate	5.7	22
MAVI1	warm	Carbon	1.7	15
MAVI1	warm	Crustal	1.0	15
MAVI1	warm	Nitrate	0.6	14
MAVI1	warm	Sulfate	20.6	15
MEAD1	cold	Carbon	0.4	4
MEAD1	cold	Crustal	0.4	4
MEAD1	cold	Nitrate	0.1	4
MEAD1	cold	Sulfate	0.5	4
MEAD1	warm	Carbon	1.5	4
MEAD1	warm	Crustal	1.7	4
MEAD1	warm	Nitrate	0.3	4
MEAD1	warm	Sulfate	2.8	4
MELA1	cold	Carbon	0.8	4
MELA1	cold	Crustal	0.4	4
MELA1	cold	Nitrate	2.2	4
MELA1	cold	Sulfate	3.9	4
MELA1	warm	Carbon	1.9	4
MELA1	warm	Crustal	0.8	4
MELA1	warm	Nitrate	0.2	4
MELA1	warm	Sulfate	1.6	4
MEVE1	cold	Carbon	0.7	4
MEVE1	cold	Crustal	0.4	4
MEVE1	cold	Nitrate	0.3	4
MEVE1	cold	Sulfate	0.8	4
MEVE1	warm	Carbon	1.8	3
MEVE1	warm	Crustal	1.2	3
MEVE1	warm	Nitrate	0.2	3
MEVE1	warm	Sulfate	1.5	3
MING1	cold	Carbon	5.7	2
MING1	cold	Crustal	5.4	2
MING1	cold	Nitrate	0.5	2
MING1	cold	Sulfate	7.8	2
MING1	warm	Carbon	3.6	8
MING1	warm	Crustal	1.9	8

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
MING1	warm	Nitrate	0.3	8
MING1	warm	Sulfate	25.0	8
MKGO1	cold	Carbon	3.4	44
MKGO1	cold	Crustal	0.6	44
MKGO1	cold	Nitrate	4.8	44
MKGO1	cold	Sulfate	6.3	44
MKGO1	warm	Carbon	4.3	34
MKGO1	warm	Crustal	1.1	34
MKGO1	warm	Nitrate	0.4	34
MKGO1	warm	Sulfate	24.4	34
MOHO1	cold	Carbon	0.5	6
MOHO1	cold	Crustal	0.1	6
MOHO1	cold	Nitrate	0.1	6
MOHO1	cold	Sulfate	0.3	6
MOHO1	warm	Carbon	1.2	5
MOHO1	warm	Crustal	0.4	5
MOHO1	warm	Nitrate	0.4	5
MOHO1	warm	Sulfate	0.9	5
MOMO1	cold	Carbon	2.6	61
MOMO1	cold	Crustal	0.5	61
MOMO1	cold	Nitrate	2.0	61
MOMO1	cold	Sulfate	6.5	61
MOMO1	warm	Carbon	4.3	42
MOMO1	warm	Crustal	1.4	42
MOMO1	warm	Nitrate	0.4	42
MOMO1	warm	Sulfate	26.0	42
MONT1	cold	Carbon	0.7	8
MONT1	cold	Crustal	0.1	8
MONT1	cold	Nitrate	0.1	8
MONT1	cold	Sulfate	0.3	8
MONT1	warm	Carbon	5.0	8
MONT1	warm	Crustal	1.1	8
MONT1	warm	Nitrate	0.1	8
MONT1	warm	Sulfate	1.1	8
MORA1	cold	Carbon	2.3	21
MORA1	cold	Crustal	0.2	21
MORA1	cold	Nitrate	0.1	21
MORA1	cold	Sulfate	0.9	19
MORA1	warm	Carbon	3.3	19
MORA1	warm	Crustal	0.5	19
MORA1	warm	Nitrate	0.3	19
MORA1	warm	Sulfate	1.7	17
MOZI1	cold	Carbon	0.3	6
MOZI1	cold	Crustal	0.1	6
MOZI1	cold	Nitrate	0.1	6
MOZI1	cold	Sulfate	0.4	6
MOZI1	warm	Carbon	1.8	7
MOZI1	warm	Crustal	0.7	7
MOZI1	warm	Nitrate	0.2	7

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
MOZI1	warm	Sulfate	1.5	7
NOCA1	cold	Carbon	0.5	16
NOCA1	cold	Crustal	0.1	16
NOCA1	cold	Nitrate	0.1	16
NOCA1	cold	Sulfate	0.3	13
NOCA1	warm	Carbon	2.4	13
NOCA1	warm	Crustal	0.4	13
NOCA1	warm	Nitrate	0.2	13
NOCA1	warm	Sulfate	1.4	12
OKEF1	cold	Carbon	3.1	7
OKEF1	cold	Crustal	0.4	7
OKEF1	cold	Nitrate	0.4	7
OKEF1	cold	Sulfate	7.0	7
OKEF1	warm	Carbon	3.5	6
OKEF1	warm	Crustal	0.9	6
OKEF1	warm	Nitrate	0.2	6
OKEF1	warm	Sulfate	15.2	6
OLYM1	cold	Carbon	1.3	15
OLYM1	cold	Crustal	0.2	15
OLYM1	cold	Nitrate	0.4	15
OLYM1	cold	Sulfate	1.2	15
OLYM1	warm	Carbon	2.5	13
OLYM1	warm	Crustal	0.3	13
OLYM1	warm	Nitrate	0.5	13
OLYM1	warm	Sulfate	2.1	12
OMAH1	cold	Carbon	2.5	10
OMAH1	cold	Crustal	0.5	10
OMAH1	cold	Nitrate	10.0	10
OMAH1	cold	Sulfate	3.8	10
OMAH1	warm	Carbon	3.3	11
OMAH1	warm	Crustal	1.3	11
OMAH1	warm	Nitrate	0.8	11
OMAH1	warm	Sulfate	9.1	11
ORPI1	cold	Carbon	1.0	7
ORPI1	cold	Crustal	1.2	7
ORPI1	cold	Nitrate	0.8	7
ORPI1	cold	Sulfate	1.1	7
ORPI1	warm	Carbon	1.0	10
ORPI1	warm	Crustal	1.8	10
ORPI1	warm	Nitrate	0.4	10
ORPI1	warm	Sulfate	3.9	10
PASA1	cold	Carbon	0.5	1
PASA1	cold	Crustal	0.1	1
PASA1	cold	Nitrate	0.1	1
PASA1	cold	Sulfate	1.2	3
PASA1	warm	Carbon	1.1	1
PASA1	warm	Crustal	0.2	1
PASA1	warm	Nitrate	0.1	1
PASA1	warm	Sulfate	0.7	2

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
PINN1	cold	Carbon	2.2	22
PINN1	cold	Crustal	0.3	21
PINN1	cold	Nitrate	2.9	21
PINN1	cold	Sulfate	1.0	21
PINN1	warm	Carbon	1.5	23
PINN1	warm	Crustal	0.8	23
PINN1	warm	Nitrate	0.8	23
PINN1	warm	Sulfate	2.2	23
PMRF1	cold	Carbon	2.3	6
PMRF1	cold	Crustal	0.5	6
PMRF1	cold	Nitrate	3.6	6
PMRF1	cold	Sulfate	4.9	6
PMRF1	warm	Carbon	3.1	6
PMRF1	warm	Crustal	1.5	6
PMRF1	warm	Nitrate	0.2	6
PMRF1	warm	Sulfate	26.8	5
PORE1	cold	Carbon	1.8	21
PORE1	cold	Crustal	0.2	21
PORE1	cold	Nitrate	4.7	21
PORE1	cold	Sulfate	1.7	21
PORE1	warm	Carbon	0.9	21
PORE1	warm	Crustal	0.2	21
PORE1	warm	Nitrate	1.1	21
PORE1	warm	Sulfate	2.9	21
QUCI1	cold	Carbon	2.7	51
QUCI1	cold	Crustal	0.7	51
QUCI1	cold	Nitrate	2.2	51
QUCI1	cold	Sulfate	9.5	51
QUCI1	warm	Carbon	2.9	44
QUCI1	warm	Crustal	1.7	44
QUCI1	warm	Nitrate	0.2	44
QUCI1	warm	Sulfate	30.0	44
QURE1	cold	Carbon	3.0	36
QURE1	cold	Crustal	0.5	36
QURE1	cold	Nitrate	2.3	36
QURE1	cold	Sulfate	6.4	36
QURE1	warm	Carbon	3.6	28
QURE1	warm	Crustal	1.4	28
QURE1	warm	Nitrate	0.5	28
QURE1	warm	Sulfate	23.8	28
QUVA1	cold	Carbon	1.0	9
QUVA1	cold	Crustal	0.9	9
QUVA1	cold	Nitrate	1.0	9
QUVA1	cold	Sulfate	0.9	9
QUVA1	warm	Carbon	1.6	12
QUVA1	warm	Crustal	1.8	12
QUVA1	warm	Nitrate	0.4	12
QUVA1	warm	Sulfate	2.2	12
RAFA1	cold	Carbon	1.1	20

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
RAFA1	cold	Crustal	0.3	20
RAFA1	cold	Nitrate	0.9	20
RAFA1	cold	Sulfate	1.1	20
RAFA1	warm	Carbon	1.5	18
RAFA1	warm	Crustal	1.0	18
RAFA1	warm	Nitrate	0.8	18
RAFA1	warm	Sulfate	2.9	18
ROMA1	cold	Carbon	4.0	18
ROMA1	cold	Crustal	0.5	18
ROMA1	cold	Nitrate	0.7	18
ROMA1	cold	Sulfate	10.9	18
ROMA1	warm	Carbon	3.9	14
ROMA1	warm	Crustal	0.8	14
ROMA1	warm	Nitrate	0.3	14
ROMA1	warm	Sulfate	21.0	14
ROMO1	cold	Carbon	0.3	6
ROMO1	cold	Crustal	0.1	6
ROMO1	cold	Nitrate	0.1	6
ROMO1	cold	Sulfate	0.3	6
ROMO1	warm	Carbon	1.3	4
ROMO1	warm	Crustal	1.2	4
ROMO1	warm	Nitrate	0.2	4
ROMO1	warm	Sulfate	1.3	4
SACR1	cold	Carbon	1.9	3
SACR1	cold	Crustal	0.9	3
SACR1	cold	Nitrate	3.8	3
SACR1	cold	Sulfate	5.1	3
SACR1	warm	Carbon	1.2	3
SACR1	warm	Crustal	6.9	3
SACR1	warm	Nitrate	0.7	3
SACR1	warm	Sulfate	5.2	3
SAFO1	cold	Carbon	3.8	16
SAFO1	cold	Crustal	0.7	16
SAFO1	cold	Nitrate	11.4	16
SAFO1	cold	Sulfate	4.8	16
SAFO1	warm	Carbon	4.2	14
SAFO1	warm	Crustal	1.3	14
SAFO1	warm	Nitrate	0.5	14
SAFO1	warm	Sulfate	13.9	14
SAGA1	cold	Carbon	1.1	22
SAGA1	cold	Crustal	0.6	22
SAGA1	cold	Nitrate	2.3	22
SAGA1	cold	Sulfate	1.3	19
SAGA1	warm	Carbon	1.6	19
SAGA1	warm	Crustal	0.8	19
SAGA1	warm	Nitrate	1.0	19
SAGA1	warm	Sulfate	2.9	19
SAGO1	cold	Carbon	1.2	12
SAGO1	cold	Crustal	0.5	12

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
SAGO1	cold	Nitrate	2.6	12
SAGO1	cold	Sulfate	1.1	12
SAGO1	warm	Carbon	2.3	8
SAGO1	warm	Crustal	1.1	8
SAGO1	warm	Nitrate	4.9	8
SAGO1	warm	Sulfate	3.5	8
SAGU1	cold	Carbon	1.2	4
SAGU1	cold	Crustal	0.6	4
SAGU1	cold	Nitrate	2.2	4
SAGU1	cold	Sulfate	0.8	4
SAGU1	warm	Carbon	2.0	3
SAGU1	warm	Crustal	2.2	3
SAGU1	warm	Nitrate	0.5	3
SAGU1	warm	Sulfate	3.1	3
SAMA1	cold	Carbon	4.5	4
SAMA1	cold	Crustal	0.4	4
SAMA1	cold	Nitrate	0.9	4
SAMA1	cold	Sulfate	4.6	4
SAMA1	warm	Carbon	3.1	2
SAMA1	warm	Crustal	0.7	2
SAMA1	warm	Nitrate	0.2	2
SAMA1	warm	Sulfate	21.5	2
SAPE1	cold	Carbon	0.2	4
SAPE1	cold	Crustal	0.2	4
SAPE1	cold	Nitrate	0.1	4
SAPE1	cold	Sulfate	0.4	3
SAPE1	warm	Carbon	1.4	3
SAPE1	warm	Crustal	1.6	3
SAPE1	warm	Nitrate	0.4	3
SAPE1	warm	Sulfate	1.8	3
SAWE1	cold	Carbon	1.5	9
SAWE1	cold	Crustal	2.4	9
SAWE1	cold	Nitrate	1.0	9
SAWE1	cold	Sulfate	0.7	9
SAWE1	warm	Carbon	1.4	14
SAWE1	warm	Crustal	2.5	14
SAWE1	warm	Nitrate	0.4	14
SAWE1	warm	Sulfate	2.8	14
SAWT1	cold	Carbon	1.3	8
SAWT1	cold	Crustal	0.1	8
SAWT1	cold	Nitrate	0.0	8
SAWT1	cold	Sulfate	0.2	7
SAWT1	warm	Carbon	5.4	4
SAWT1	warm	Crustal	0.7	4
SAWT1	warm	Nitrate	0.1	4
SAWT1	warm	Sulfate	0.7	4
SENE1	cold	Carbon	1.4	5
SENE1	cold	Crustal	0.3	5
SENE1	cold	Nitrate	4.4	5

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
SENE1	cold	Sulfate	3.4	5
SENE1	warm	Carbon	3.6	2
SENE1	warm	Crustal	0.8	2
SENE1	warm	Nitrate	0.2	2
SENE1	warm	Sulfate	21.3	2
SEQU1	cold	Carbon	2.0	13
SEQU1	cold	Crustal	0.3	13
SEQU1	cold	Nitrate	11.8	13
SEQU1	cold	Sulfate	1.0	13
SEQU1	warm	Carbon	3.6	12
SEQU1	warm	Crustal	1.6	12
SEQU1	warm	Nitrate	0.6	12
SEQU1	warm	Sulfate	3.9	12
SHEN1	cold	Carbon	1.5	24
SHEN1	cold	Crustal	0.3	24
SHEN1	cold	Nitrate	1.6	24
SHEN1	cold	Sulfate	5.5	25
SHEN1	warm	Carbon	2.5	22
SHEN1	warm	Crustal	1.7	22
SHEN1	warm	Nitrate	0.2	22
SHEN1	warm	Sulfate	23.6	22
SHRO1	cold	Carbon	1.7	31
SHRO1	cold	Crustal	0.5	31
SHRO1	cold	Nitrate	0.5	31
SHRO1	cold	Sulfate	6.4	31
SHRO1	warm	Carbon	2.8	29
SHRO1	warm	Crustal	0.7	29
SHRO1	warm	Nitrate	0.3	28
SHRO1	warm	Sulfate	15.1	29
SIAN1	cold	Carbon	0.9	6
SIAN1	cold	Crustal	0.4	6
SIAN1	cold	Nitrate	0.2	6
SIAN1	cold	Sulfate	0.7	6
SIAN1	warm	Carbon	2.0	10
SIAN1	warm	Crustal	0.9	10
SIAN1	warm	Nitrate	0.3	10
SIAN1	warm	Sulfate	1.7	10
SIKE1	cold	Carbon	4.0	16
SIKE1	cold	Crustal	0.6	16
SIKE1	cold	Nitrate	0.5	16
SIKE1	cold	Sulfate	7.6	16
SIKE1	warm	Carbon	6.4	14
SIKE1	warm	Crustal	1.1	14
SIKE1	warm	Nitrate	0.2	14
SIKE1	warm	Sulfate	16.9	14
SIPS1	cold	Carbon	3.8	28
SIPS1	cold	Crustal	0.7	28
SIPS1	cold	Nitrate	1.2	28
SIPS1	cold	Sulfate	10.6	28

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
SIPS1	warm	Carbon	5.0	19
SIPS1	warm	Crustal	1.1	19
SIPS1	warm	Nitrate	0.3	19
SIPS1	warm	Sulfate	19.9	19
SNPA1	cold	Carbon	1.0	14
SNPA1	cold	Crustal	0.2	14
SNPA1	cold	Nitrate	0.3	14
SNPA1	cold	Sulfate	0.7	14
SNPA1	warm	Carbon	2.9	12
SNPA1	warm	Crustal	0.6	12
SNPA1	warm	Nitrate	0.4	12
SNPA1	warm	Sulfate	1.7	11
SPOK1	cold	Carbon	5.0	4
SPOK1	cold	Crustal	0.4	4
SPOK1	cold	Nitrate	0.8	4
SPOK1	cold	Sulfate	1.0	4
SPOK1	warm	Carbon	4.4	4
SPOK1	warm	Crustal	2.3	4
SPOK1	warm	Nitrate	0.2	4
SPOK1	warm	Sulfate	1.2	4
STAR1	cold	Carbon	1.6	3
STAR1	cold	Crustal	0.2	3
STAR1	cold	Nitrate	4.9	3
STAR1	cold	Sulfate	0.9	3
STAR1	warm	Carbon	3.6	3
STAR1	warm	Crustal	1.9	3
STAR1	warm	Nitrate	0.2	3
STAR1	warm	Sulfate	1.1	3
SULA1	cold	Carbon	0.2	6
SULA1	cold	Crustal	0.1	6
SULA1	cold	Nitrate	0.0	6
SULA1	cold	Sulfate	0.2	6
SULA1	warm	Carbon	3.4	4
SULA1	warm	Crustal	0.7	4
SULA1	warm	Nitrate	0.1	4
SULA1	warm	Sulfate	0.7	4
SYCA1	cold	Carbon	1.1	3
SYCA1	cold	Crustal	0.4	3
SYCA1	cold	Nitrate	0.4	3
SYCA1	cold	Sulfate	0.5	3
SYCA1	warm	Carbon	1.1	4
SYCA1	warm	Crustal	1.2	4
SYCA1	warm	Nitrate	0.1	4
SYCA1	warm	Sulfate	0.8	4
TALL1	cold	Carbon	4.8	16
TALL1	cold	Crustal	0.7	16
TALL1	cold	Nitrate	8.1	16
TALL1	cold	Sulfate	4.7	16
TALL1	warm	Carbon	4.2	13

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
TALL1	warm	Crustal	1.0	13
TALL1	warm	Nitrate	0.4	13
TALL1	warm	Sulfate	14.8	13
THRO1	cold	Carbon	1.3	8
THRO1	cold	Crustal	0.4	8
THRO1	cold	Nitrate	3.7	8
THRO1	cold	Sulfate	2.7	8
THRO1	warm	Carbon	2.0	8
THRO1	warm	Crustal	1.4	8
THRO1	warm	Nitrate	0.3	8
THRO1	warm	Sulfate	2.0	8
THSI1	cold	Carbon	1.6	6
THSI1	cold	Crustal	0.1	6
THSI1	cold	Nitrate	0.1	6
THSI1	cold	Sulfate	1.0	3
THSI1	warm	Carbon	1.9	5
THSI1	warm	Crustal	0.2	5
THSI1	warm	Nitrate	0.1	5
THSI1	warm	Sulfate	0.8	5
TONT1	cold	Carbon	0.8	7
TONT1	cold	Crustal	0.6	7
TONT1	cold	Nitrate	0.2	7
TONT1	cold	Sulfate	0.8	7
TONT1	warm	Carbon	2.0	11
TONT1	warm	Crustal	0.9	11
TONT1	warm	Nitrate	0.2	11
TONT1	warm	Sulfate	2.2	11
TRIN1	cold	Carbon	1.4	6
TRIN1	cold	Crustal	0.1	6
TRIN1	cold	Nitrate	0.4	6
TRIN1	cold	Sulfate	0.3	6
TRIN1	warm	Carbon	8.6	6
TRIN1	warm	Crustal	1.4	6
TRIN1	warm	Nitrate	0.5	6
TRIN1	warm	Sulfate	2.0	5
UPBU1	cold	Carbon	4.1	6
UPBU1	cold	Crustal	0.9	6
UPBU1	cold	Nitrate	2.0	6
UPBU1	cold	Sulfate	6.9	6
UPBU1	warm	Carbon	4.5	6
UPBU1	warm	Crustal	1.2	6
UPBU1	warm	Nitrate	0.2	6
UPBU1	warm	Sulfate	12.2	6
VILA1	cold	Carbon	2.6	21
VILA1	cold	Crustal	0.7	21
VILA1	cold	Nitrate	14.3	21
VILA1	cold	Sulfate	4.5	21
VILA1	warm	Carbon	4.0	18
VILA1	warm	Crustal	1.2	18

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
VILA1	warm	Nitrate	0.8	18
VILA1	warm	Sulfate	12.5	18
WARI1	cold	Carbon	1.6	9
WARI1	cold	Crustal	0.2	9
WARI1	cold	Nitrate	4.8	9
WARI1	cold	Sulfate	0.4	9
WARI1	warm	Carbon	1.4	5
WARI1	warm	Crustal	2.7	5
WARI1	warm	Nitrate	0.2	5
WARI1	warm	Sulfate	1.9	5
WEMI1	cold	Carbon	0.7	4
WEMI1	cold	Crustal	0.2	4
WEMI1	cold	Nitrate	0.2	4
WEMI1	cold	Sulfate	0.2	4
WEMI1	warm	Carbon	3.0	3
WEMI1	warm	Crustal	0.8	3
WEMI1	warm	Nitrate	0.2	3
WEMI1	warm	Sulfate	1.4	2
WHIT1	cold	Carbon	0.5	9
WHIT1	cold	Crustal	0.3	9
WHIT1	cold	Nitrate	0.2	9
WHIT1	cold	Sulfate	0.6	8
WHIT1	warm	Carbon	1.0	6
WHIT1	warm	Crustal	1.4	6
WHIT1	warm	Nitrate	0.2	6
WHIT1	warm	Sulfate	2.1	6
WHPA1	cold	Carbon	0.2	5
WHPA1	cold	Crustal	0.1	5
WHPA1	cold	Nitrate	0.1	5
WHPA1	cold	Sulfate	0.2	5
WHPA1	warm	Carbon	0.8	1
WHPA1	warm	Crustal	0.3	1
WHPA1	warm	Nitrate	0.1	1
WHPA1	warm	Sulfate	0.9	2
WHRI1	cold	Carbon	0.2	15
WHRI1	cold	Crustal	0.1	15
WHRI1	cold	Nitrate	0.1	15
WHRI1	cold	Sulfate	0.2	15
WHRI1	warm	Carbon	1.5	10
WHRI1	warm	Crustal	0.8	10
WHRI1	warm	Nitrate	0.2	10
WHRI1	warm	Sulfate	1.2	9
WIMO1	cold	Carbon	3.5	3
WIMO1	cold	Crustal	0.7	3
WIMO1	cold	Nitrate	0.8	3
WIMO1	cold	Sulfate	11.3	3
WIMO1	warm	Carbon	3.6	2
WIMO1	warm	Crustal	0.8	2
WIMO1	warm	Nitrate	0.2	2

Table A-2: Average Pollutant Concentrations for Chemical Speciation Network and IMPROVE Sites Used to Calculated Regional Concentrations

CSN/IMPROVE ID	Season	Pollutant	Average Concentration (ug/m3)	Number of Days Used
WIMO1	warm	Sulfate	18.8	2
YOSE1	cold	Carbon	0.6	20
YOSE1	cold	Crustal	0.1	19
YOSE1	cold	Nitrate	0.1	19
YOSE1	cold	Sulfate	0.4	19
YOSE1	warm	Carbon	2.7	21
YOSE1	warm	Crustal	0.8	21
YOSE1	warm	Nitrate	0.3	21
YOSE1	warm	Sulfate	2.0	21
ZICA1	cold	Carbon	0.6	3
ZICA1	cold	Crustal	0.3	3
ZICA1	cold	Nitrate	0.1	3
ZICA1	cold	Sulfate	0.3	3
ZION1	cold	Carbon	0.6	1
ZION1	cold	Crustal	0.2	1
ZION1	cold	Nitrate	0.2	1
ZION1	cold	Sulfate	0.3	1
ZION1	warm	Carbon	0.8	2
ZION1	warm	Crustal	1.9	2
ZION1	warm	Nitrate	0.3	2
ZION1	warm	Sulfate	1.5	2

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
010730023	cold	010890014	80	0.25	0.25	0.25	15
010730023	cold	011030011	67	0.25	0.25	0.25	5
010730023	cold	011130001	129	0.25	0.25	0.25	10
010730023	cold	131150005	101	0.25	0.25	0.25	15
010730023	cold	SIPS1	62	0.68	0.25	1.00	35
010730023	warm	010890014	80	0.25	0.20	0.33	20
010730023	warm	011030011	67	0.24	0.20	0.25	17
010730023	warm	011130001	129	0.25	0.20	0.33	10
010730023	warm	131150005	101	0.23	0.20	0.25	10
010730023	warm	470654002	135	0.63	0.25	1.00	10
010730023	warm	470990002	114	0.20	0.20	0.20	5
010730023	warm	SIPS1	62	0.27	0.25	0.33	15
010731009	cold	010890014	104	0.27	0.25	0.33	20
010731009	cold	011030011	87	0.29	0.25	0.33	10
010731009	cold	011130001	138	0.25	0.25	0.25	10
010731009	cold	131150005	129	0.25	0.25	0.25	15
010731009	cold	SIPS1	75	0.27	0.25	0.33	20
010731009	warm	010890014	104	0.28	0.20	0.33	15
010731009	warm	011030011	87	0.26	0.20	0.33	12
010731009	warm	011130001	138	0.25	0.20	0.33	10
010731009	warm	131150005	129	0.20	0.20	0.20	5
010731009	warm	470990002	129	0.20	0.20	0.20	5
010731009	warm	SIPS1	75	0.32	0.25	0.33	10
010732003	cold	010890014	85	0.25	0.25	0.25	20
010732003	cold	011030011	71	0.25	0.25	0.25	15
010732003	cold	011130001	132	0.25	0.25	0.25	5
010732003	cold	131150005	109	0.25	0.25	0.25	15
010732003	cold	470654002	142	0.25	0.25	0.25	5
010732003	cold	SIPS1	63	0.25	0.25	0.25	20
010732003	warm	010890014	85	0.25	0.20	0.33	20
010732003	warm	011030011	71	0.24	0.20	0.25	17
010732003	warm	011130001	132	0.25	0.20	0.33	10
010732003	warm	131150005	109	0.23	0.20	0.25	10
010732003	warm	470654002	142	0.25	0.25	0.25	5
010732003	warm	470990002	116	0.20	0.20	0.20	5
010732003	warm	SIPS1	63	0.27	0.25	0.33	15
010890014	cold	131150005	80	0.50	0.50	0.50	10
010890014	cold	470990002	58	0.50	0.50	0.50	10
010890014	cold	SIPS1	49	0.50	0.50	0.50	20
010890014	warm	131150005	80	0.42	0.33	0.50	10
010890014	warm	470990002	58	0.36	0.25	0.50	15
010890014	warm	471650007	111	0.25	0.25	0.25	5
010890014	warm	COHU1	111	0.25	0.25	0.25	5
010890014	warm	SIPS1	49	0.53	0.25	1.00	15
010970003	cold	280350004	81	0.50	0.50	0.50	20
010970003	cold	280670002	89	0.50	0.50	0.50	20
010970003	warm	280350004	81	0.50	0.50	0.50	5
010970003	warm	280670002	89	0.83	0.50	1.00	15

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
011030011	cold	131150005	99	0.42	0.33	0.50	10
011030011	cold	470990002	50	0.42	0.33	0.50	10
011030011	cold	SIPS1	24	0.44	0.33	0.50	15
011030011	warm	131150005	99	0.42	0.33	0.50	10
011030011	warm	470990002	50	0.39	0.33	0.50	15
011030011	warm	COHU1	135	0.33	0.33	0.33	5
011030011	warm	SIPS1	24	0.56	0.33	1.00	15
040130019	cold	ORPI1	113	0.18	0.17	0.20	10
040130019	cold	QUVA1	51	0.18	0.17	0.20	10
040130019	cold	SAWE1	101	0.18	0.17	0.20	10
040130019	cold	SIAN1	81	0.18	0.17	0.20	10
040130019	cold	SYCA1	115	0.17	0.17	0.17	5
040130019	cold	TONT1	61	0.18	0.17	0.20	10
040130019	warm	ORPI1	113	0.18	0.17	0.20	20
040130019	warm	QUVA1	51	0.18	0.17	0.20	20
040130019	warm	SAWE1	101	0.18	0.17	0.20	20
040130019	warm	SIAN1	81	0.18	0.17	0.20	20
040130019	warm	SYCA1	115	0.17	0.17	0.17	10
040130019	warm	TONT1	61	0.18	0.17	0.20	20
040139997	cold	ORPI1	115	0.18	0.17	0.20	20
040139997	cold	QUVA1	49	0.18	0.17	0.20	20
040139997	cold	SAWE1	101	0.18	0.17	0.20	20
040139997	cold	SIAN1	78	0.18	0.17	0.20	20
040139997	cold	SYCA1	113	0.17	0.17	0.17	10
040139997	cold	TONT1	58	0.18	0.17	0.20	20
040139997	warm	ORPI1	115	0.21	0.17	0.25	30
040139997	warm	QUVA1	49	0.20	0.17	0.25	25
040139997	warm	SAWE1	101	0.21	0.17	0.25	30
040139997	warm	SIAN1	78	0.21	0.17	0.25	30
040139997	warm	SYCA1	113	0.17	0.17	0.17	10
040139997	warm	TONT1	58	0.20	0.17	0.25	25
040191028	cold	ORPI1	109	0.33	0.33	0.33	5
040191028	cold	QUVA1	71	0.33	0.33	0.33	15
040191028	cold	SAGU1	17	0.33	0.33	0.33	20
040191028	cold	SAWE1	14	0.33	0.33	0.33	15
040191028	cold	TONT1	94	0.33	0.33	0.33	5
040191028	warm	CHIR1	95	0.20	0.20	0.20	5
040191028	warm	DOUG1	107	0.20	0.20	0.20	5
040191028	warm	QUVA1	71	0.29	0.20	0.33	15
040191028	warm	SAGU1	17	0.33	0.33	0.33	15
040191028	warm	SAWE1	14	0.30	0.20	0.33	20
040191028	warm	TONT1	94	0.27	0.20	0.33	10
050030005	cold	SIKE1	80	1.00	1.00	1.00	10
050030005	warm	SIKE1	80	1.00	1.00	1.00	10
051190007	cold	CACR1	108	0.38	0.33	0.50	20
051190007	cold	HEGL1	134	0.38	0.33	0.50	20
051190007	cold	UPBU1	91	0.33	0.33	0.33	15
051190007	warm	050030005	113	0.25	0.25	0.25	1

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
051190007	warm	CACR1	108	0.33	0.25	0.33	20
051190007	warm	HEGL1	134	0.33	0.25	0.33	20
051190007	warm	UPBU1	91	0.33	0.25	0.33	20
051450001	cold	050030005	147	0.25	0.25	0.25	5
051450001	cold	CACR1	148	0.31	0.25	0.33	15
051450001	cold	HEGL1	116	0.31	0.25	0.33	15
051450001	cold	UPBU1	93	0.31	0.25	0.33	15
051450001	warm	050030005	147	0.25	0.25	0.25	1
051450001	warm	CACR1	148	0.33	0.25	0.33	10
051450001	warm	HEGL1	116	0.33	0.25	0.33	10
051450001	warm	UPBU1	93	0.33	0.25	0.33	10
060070002	cold	060631009	73	0.25	0.25	0.25	10
060070002	cold	320310016	111	0.20	0.20	0.20	5
060070002	cold	BLIS1	108	0.27	0.20	0.33	10
060070002	cold	LAVO1	56	0.26	0.20	0.33	20
060070002	cold	PORE1	127	0.26	0.20	0.33	20
060070002	cold	TRIN1	87	0.23	0.20	0.25	15
060070002	warm	060631009	73	0.25	0.25	0.25	10
060070002	warm	LAVO1	56	0.25	0.25	0.25	10
060070002	warm	PORE1	127	0.25	0.25	0.25	10
060070002	warm	TRIN1	87	0.25	0.25	0.25	10
060190008	cold	060290014	107	0.22	0.17	0.25	10
060190008	cold	061072002	41	0.20	0.20	0.20	15
060190008	cold	KAIS1	46	0.19	0.17	0.20	24
060190008	cold	PINN1	80	0.20	0.17	0.25	35
060190008	cold	RAFA1	142	0.20	0.17	0.25	30
060190008	cold	SEQU1	56	0.21	0.17	0.25	25
060190008	cold	YOSE1	65	0.20	0.17	0.25	34
060190008	warm	060290014	107	0.21	0.17	0.25	10
060190008	warm	061072002	41	0.20	0.20	0.20	10
060190008	warm	HOOV1	96	0.25	0.25	0.25	10
060190008	warm	KAIS1	46	0.21	0.17	0.25	15
060190008	warm	PINN1	80	0.21	0.17	0.25	25
060190008	warm	RAFA1	142	0.19	0.17	0.20	15
060190008	warm	SEQU1	56	0.22	0.17	0.25	20
060190008	warm	YOSE1	65	0.19	0.17	0.20	15
060250005	cold	AGTI1	102	0.63	0.50	1.00	20
060250005	cold	JOSH1	110	0.50	0.50	0.50	15
060250005	warm	AGTI1	102	0.50	0.50	0.50	5
060250005	warm	JOSH1	110	0.75	0.50	1.00	10
060290014	cold	DEVA1	146	0.25	0.25	0.25	5
060290014	cold	DOME1	57	0.24	0.20	0.33	15
060290014	cold	PINN1	142	0.26	0.20	0.33	15
060290014	cold	RAFA1	70	0.24	0.20	0.33	15
060290014	cold	SAGA1	93	0.26	0.20	0.33	19
060290014	cold	SAGO1	145	0.25	0.25	0.25	5
060290014	cold	SEQU1	79	0.26	0.20	0.33	25
060290014	warm	061072002	69	0.20	0.20	0.20	10

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
060290014	warm	DEVA1	146	0.25	0.25	0.25	10
060290014	warm	DOME1	57	0.20	0.20	0.20	10
060290014	warm	KAIS1	129	0.25	0.25	0.25	5
060290014	warm	PINN1	142	0.25	0.25	0.25	5
060290014	warm	RAFA1	70	0.23	0.20	0.25	25
060290014	warm	SAGA1	93	0.23	0.20	0.25	25
060290014	warm	SEQU1	79	0.23	0.20	0.25	20
060371103	cold	060290014	100	0.17	0.17	0.17	10
060371103	cold	060730003	115	0.19	0.17	0.25	15
060371103	cold	060731002	93	0.22	0.17	0.33	15
060371103	cold	AGTI1	83	0.23	0.17	0.33	20
060371103	cold	RAFA1	112	0.19	0.17	0.25	15
060371103	cold	SAGA1	20	0.23	0.17	0.33	20
060371103	warm	060290014	100	0.19	0.17	0.20	20
060371103	warm	060730003	115	0.19	0.17	0.20	20
060371103	warm	060731002	93	0.19	0.17	0.20	15
060371103	warm	AGTI1	83	0.19	0.17	0.20	15
060371103	warm	RAFA1	112	0.19	0.17	0.20	15
060371103	warm	SAGA1	20	0.19	0.17	0.20	20
060631009	cold	BLIS1	61	0.33	0.33	0.33	15
060631009	cold	LABE1	142	0.40	0.33	0.50	25
060631009	cold	LAVO1	77	0.40	0.33	0.50	25
060631009	warm	BLIS1	61	0.33	0.33	0.33	20
060631009	warm	LABE1	142	0.33	0.33	0.33	20
060631009	warm	LAVO1	77	0.33	0.33	0.33	20
060658001	cold	AGTI1	45	0.35	0.33	0.50	40
060658001	cold	DOME1	126	0.33	0.33	0.33	1
060658001	cold	SAGA1	41	0.35	0.33	0.50	39
060658001	cold	SAGO1	32	0.37	0.33	0.50	45
060658001	warm	AGTI1	45	0.33	0.33	0.33	15
060658001	warm	JOSH1	59	0.50	0.50	0.50	5
060658001	warm	SAGA1	41	0.42	0.33	0.50	30
060658001	warm	SAGO1	32	0.40	0.33	0.50	25
060670006	cold	060070002	83	0.23	0.20	0.25	25
060670006	cold	060631009	96	0.23	0.20	0.25	10
060670006	cold	060990005	70	0.23	0.20	0.25	25
060670006	cold	320310016	106	0.21	0.20	0.25	6
060670006	cold	BLIS1	73	0.24	0.20	0.25	34
060670006	cold	HOOV1	124	0.20	0.20	0.20	5
060670006	cold	LAVO1	134	0.23	0.20	0.25	20
060670006	cold	PINN1	148	0.20	0.20	0.20	5
060670006	cold	PORE1	90	0.23	0.20	0.25	40
060670006	cold	WARI1	140	0.20	0.20	0.20	5
060670006	cold	YOSE1	110	0.22	0.20	0.25	25
060670006	warm	060070002	83	0.20	0.20	0.20	10
060670006	warm	060631009	96	0.20	0.20	0.20	5
060670006	warm	060990005	70	0.20	0.20	0.20	10
060670006	warm	320310016	106	0.20	0.20	0.20	5

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
060670006	warm	BLIS1	73	0.21	0.20	0.25	35
060670006	warm	LAVO1	134	0.22	0.20	0.25	30
060670006	warm	PINN1	148	0.21	0.20	0.25	25
060670006	warm	PORE1	90	0.21	0.20	0.25	40
060670006	warm	YOSE1	110	0.21	0.20	0.25	30
060670010	cold	060070002	85	0.22	0.20	0.25	20
060670010	cold	060631009	102	0.21	0.20	0.25	15
060670010	cold	060990005	69	0.22	0.20	0.25	20
060670010	cold	320310016	114	0.20	0.20	0.20	1
060670010	cold	BLIS1	80	0.22	0.20	0.25	19
060670010	cold	PORE1	83	0.22	0.20	0.25	15
060670010	cold	YOSE1	113	0.20	0.20	0.20	1
060670010	warm	060070002	85	0.20	0.20	0.20	20
060670010	warm	060631009	102	0.20	0.20	0.20	15
060670010	warm	060990005	69	0.20	0.20	0.20	20
060670010	warm	320310016	114	0.20	0.20	0.20	5
060670010	warm	BLIS1	80	0.20	0.20	0.20	15
060670010	warm	PORE1	83	0.20	0.20	0.20	20
060670010	warm	YOSE1	113	0.20	0.20	0.20	5
060730003	cold	060250005	85	0.33	0.33	0.33	10
060730003	cold	060658001	88	0.26	0.25	0.33	15
060730003	cold	061112002	144	0.33	0.33	0.33	10
060730003	cold	AGTI1	47	0.34	0.25	0.50	25
060730003	cold	JOSH1	94	0.32	0.25	0.50	20
060730003	cold	SAGA1	122	0.25	0.25	0.25	14
060730003	cold	SAGO1	97	0.25	0.25	0.25	5
060730003	warm	060250005	85	0.27	0.20	0.33	10
060730003	warm	060658001	88	0.23	0.20	0.25	10
060730003	warm	061112002	144	0.26	0.20	0.33	15
060730003	warm	AGTI1	47	0.42	0.33	0.50	10
060730003	warm	JOSH1	94	0.32	0.20	0.50	15
060730003	warm	SAGO1	97	0.23	0.20	0.25	10
060731002	cold	060250005	98	0.25	0.25	0.25	17
060731002	cold	060658001	63	0.25	0.25	0.25	20
060731002	cold	061112002	122	0.25	0.25	0.25	20
060731002	cold	AGTI1	24	0.25	0.25	0.25	20
060731002	cold	JOSH1	76	0.25	0.25	0.25	3
060731002	warm	060250005	98	0.23	0.20	0.25	10
060731002	warm	060658001	63	0.23	0.20	0.25	15
060731002	warm	061112002	122	0.23	0.20	0.25	10
060731002	warm	AGTI1	24	0.25	0.25	0.25	10
060731002	warm	JOSH1	76	0.23	0.20	0.25	10
060731002	warm	SAGA1	98	0.25	0.25	0.25	5
060731002	warm	SAGO1	74	0.20	0.20	0.20	5
060850005	cold	060670006	92	0.25	0.25	0.25	15
060850005	cold	060670010	87	0.28	0.25	0.33	15
060850005	cold	060990005	53	0.28	0.25	0.33	15
060850005	cold	PINN1	72	0.26	0.25	0.33	30

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
060850005	cold	PORE1	77	0.25	0.25	0.25	25
060850005	cold	YOSE1	123	0.25	0.25	0.25	15
060850005	warm	060670006	92	0.25	0.25	0.25	10
060850005	warm	060670010	87	0.25	0.25	0.25	5
060850005	warm	060990005	53	0.25	0.25	0.25	5
060850005	warm	PINN1	72	0.25	0.25	0.25	15
060850005	warm	PORE1	77	0.25	0.25	0.25	15
060850005	warm	YOSE1	123	0.25	0.25	0.25	10
060990005	cold	060190008	90	0.25	0.20	0.50	12
060990005	cold	320310016	146	0.50	0.50	0.50	1
060990005	cold	BLIS1	104	0.27	0.20	0.33	19
060990005	cold	PINN1	81	0.27	0.20	0.33	19
060990005	cold	PORE1	110	0.20	0.20	0.20	5
060990005	cold	YOSE1	71	0.27	0.20	0.33	19
060990005	warm	060190008	90	0.25	0.20	0.33	30
060990005	warm	BLIS1	104	0.24	0.20	0.25	35
060990005	warm	HOOV1	104	0.20	0.20	0.20	5
060990005	warm	PINN1	81	0.25	0.20	0.33	40
060990005	warm	PORE1	110	0.23	0.20	0.25	20
060990005	warm	YOSE1	71	0.25	0.20	0.33	35
061072002	cold	DOME1	77	0.33	0.33	0.33	5
061072002	cold	KAIS1	62	0.31	0.20	0.33	15
061072002	cold	PINN1	104	0.20	0.20	0.20	3
061072002	cold	RAFA1	118	0.36	0.20	0.50	20
061072002	cold	SEQU1	28	0.36	0.20	0.50	15
061072002	cold	YOSE1	98	0.20	0.20	0.20	3
061072002	warm	DOME1	77	0.20	0.20	0.20	5
061072002	warm	KAIS1	62	0.33	0.33	0.33	15
061072002	warm	PINN1	104	0.20	0.20	0.20	5
061072002	warm	RAFA1	118	0.30	0.20	0.33	20
061072002	warm	SEQU1	28	0.30	0.20	0.33	20
061072002	warm	YOSE1	98	0.20	0.20	0.20	5
061112002	cold	060290014	77	0.31	0.25	0.33	20
061112002	cold	AGTI1	113	0.25	0.25	0.25	5
061112002	cold	RAFA1	82	0.31	0.25	0.33	20
061112002	cold	SAGA1	38	0.33	0.33	0.33	15
061112002	cold	SAGO1	101	0.25	0.25	0.25	5
061112002	warm	060290014	77	0.33	0.33	0.33	10
061112002	warm	DOME1	105	0.33	0.33	0.33	5
061112002	warm	RAFA1	82	0.33	0.33	0.33	15
061112002	warm	SAGA1	38	0.33	0.33	0.33	15
080010006	cold	080410011	69	0.33	0.33	0.33	5
080010006	cold	081230008	27	0.33	0.33	0.33	10
080010006	cold	GRSA1	149	0.33	0.33	0.33	25
080010006	cold	MOZI1	104	0.33	0.33	0.33	5
080010006	cold	ROMO1	45	0.33	0.33	0.33	15
080010006	cold	WHRI1	111	0.33	0.33	0.33	30
080010006	warm	080410011	69	0.25	0.25	0.25	5

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
080010006	warm	081230008	27	0.25	0.25	0.25	5
080010006	warm	GRSA1	149	0.33	0.33	0.33	19
080010006	warm	MOZI1	104	0.29	0.25	0.33	10
080010006	warm	ROMO1	45	0.34	0.33	0.50	15
080010006	warm	WHRI1	111	0.32	0.25	0.50	25
080410011	cold	081230008	95	0.33	0.33	0.33	10
080410011	cold	GRSA1	85	0.42	0.33	0.50	20
080410011	cold	ROMO1	107	0.33	0.33	0.33	5
080410011	cold	WHRI1	109	0.44	0.33	0.50	15
080410011	warm	081230008	95	0.33	0.33	0.33	5
080410011	warm	GRSA1	85	0.42	0.33	0.50	10
080410011	warm	WHRI1	109	0.42	0.33	0.50	10
080770017	cold	CANY1	80	0.20	0.20	0.20	20
080770017	cold	MEVE1	129	0.20	0.20	0.20	20
080770017	cold	MOZI1	143	0.20	0.20	0.20	20
080770017	cold	WEMI1	106	0.20	0.20	0.20	20
080770017	cold	WHRI1	94	0.20	0.20	0.20	20
080770017	warm	CANY1	80	0.21	0.20	0.25	15
080770017	warm	MEVE1	129	0.21	0.20	0.25	15
080770017	warm	MOZI1	143	0.21	0.20	0.25	15
080770017	warm	WEMI1	106	0.20	0.20	0.25	14
080770017	warm	WHRI1	94	0.20	0.20	0.25	14
081230008	cold	MOZI1	100	0.50	0.50	0.50	5
081230008	cold	ROMO1	38	1.00	1.00	1.00	10
081230008	cold	WHRI1	129	0.75	0.50	1.00	10
081230008	warm	MOZI1	100	1.00	1.00	1.00	10
081230008	warm	ROMO1	38	1.00	1.00	1.00	5
090090027	cold	250130008	64	0.28	0.25	0.33	15
090090027	cold	420950025	136	0.27	0.25	0.33	20
090090027	cold	MAVI1	110	0.27	0.25	0.33	20
090090027	cold	MOMO1	41	0.28	0.25	0.33	25
090090027	cold	QURE1	75	0.29	0.25	0.33	10
090090027	warm	250130008	64	0.33	0.33	0.33	10
090090027	warm	420950025	136	0.25	0.25	0.25	5
090090027	warm	MAVI1	110	0.31	0.25	0.33	15
090090027	warm	MOMO1	41	0.31	0.25	0.33	15
090090027	warm	QURE1	75	0.25	0.25	0.25	5
090091123	cold	MAVI1	111	0.33	0.33	0.33	5
090091123	cold	MOMO1	40	0.33	0.33	0.33	5
090091123	cold	QURE1	75	0.33	0.33	0.33	5
110010042	cold	420010001	73	0.17	0.17	0.17	5
110010042	cold	510870014	94	0.19	0.17	0.25	20
110010042	cold	511390004	81	0.17	0.17	0.17	5
110010042	cold	AREN1	74	0.22	0.20	0.25	14
110010042	cold	BALT1	31	0.20	0.17	0.25	24
110010042	cold	BRIG1	144	0.21	0.17	0.25	25
110010042	cold	FRRE1	120	0.21	0.20	0.25	6
110010042	cold	SHEN1	80	0.21	0.17	0.25	25

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
110010042	warm	340070003	126	0.20	0.20	0.20	10
110010042	warm	420010001	73	0.20	0.20	0.20	5
110010042	warm	510870014	94	0.20	0.20	0.20	20
110010042	warm	AREN1	74	0.20	0.20	0.20	15
110010042	warm	BALT1	31	0.20	0.20	0.20	10
110010042	warm	BRIG1	144	0.20	0.20	0.20	20
110010042	warm	SHEN1	80	0.20	0.20	0.20	20
110010043	cold	420010001	71	0.15	0.11	0.17	15
110010043	cold	420290100	92	0.11	0.11	0.11	5
110010043	cold	420450002	108	0.11	0.11	0.11	5
110010043	cold	420710007	87	0.11	0.11	0.11	5
110010043	cold	421330008	74	0.11	0.11	0.11	5
110010043	cold	510870014	96	0.17	0.11	0.25	25
110010043	cold	511390004	82	0.15	0.11	0.17	15
110010043	cold	AREN1	71	0.23	0.20	0.25	9
110010043	cold	BALT1	28	0.20	0.17	0.25	24
110010043	cold	BRIG1	143	0.18	0.11	0.25	30
110010043	cold	FRRE1	120	0.21	0.20	0.25	6
110010043	cold	SHEN1	81	0.18	0.11	0.25	30
110010043	warm	340070003	124	0.20	0.20	0.20	10
110010043	warm	420010001	71	0.18	0.17	0.20	10
110010043	warm	510870014	96	0.19	0.17	0.20	25
110010043	warm	511390004	82	0.17	0.17	0.17	5
110010043	warm	AREN1	71	0.20	0.20	0.20	15
110010043	warm	BALT1	28	0.19	0.17	0.20	15
110010043	warm	BRIG1	143	0.19	0.17	0.20	25
110010043	warm	SHEN1	81	0.19	0.17	0.20	25
120330004	cold	010970003	55	0.75	0.50	1.00	20
120330004	cold	280470008	110	0.50	0.50	0.50	10
120330004	warm	010970003	55	0.83	0.50	1.00	15
120330004	warm	280350004	135	0.50	0.50	0.50	5
120330004	warm	280470008	110	0.50	0.50	0.50	10
120573002	cold	CHAS1	58	1.00	1.00	1.00	15
120573002	warm	CHAS1	58	1.00	1.00	1.00	15
120730012	cold	011130001	146	0.50	0.50	0.50	5
120730012	cold	OKEF1	134	0.50	0.50	0.50	25
120730012	cold	SAMA1	26	0.50	0.50	0.50	20
120730012	warm	011130001	146	0.33	0.33	0.33	10
120730012	warm	OKEF1	134	0.67	0.33	1.00	20
120730012	warm	SAMA1	26	0.33	0.33	0.33	10
130210007	cold	011130001	82	1.00	1.00	1.00	5
130210007	warm	011130001	82	1.00	1.00	1.00	5
130510017	cold	450190049	84	0.33	0.33	0.33	5
130510017	cold	450790019	132	0.33	0.33	0.33	10
130510017	cold	OKEF1	110	0.33	0.33	0.33	10
130510017	cold	ROMA1	105	0.33	0.33	0.33	5
130510017	warm	450190049	84	0.33	0.33	0.33	10
130510017	warm	450790019	132	0.33	0.33	0.33	10

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
130510017	warm	OKEF1	110	0.33	0.33	0.33	10
130590001	cold	130210007	82	0.15	0.14	0.17	10
130590001	cold	131150005	111	0.14	0.14	0.14	5
130590001	cold	132450091	85	0.17	0.17	0.17	5
130590001	cold	450450009	89	0.15	0.14	0.17	10
130590001	cold	450790019	135	0.14	0.14	0.14	5
130590001	cold	COHU1	92	0.15	0.14	0.17	10
130590001	cold	GRSM1	121	0.15	0.14	0.17	10
130590001	cold	SHRO1	106	0.15	0.14	0.17	10
130590001	warm	130210007	82	0.17	0.17	0.17	5
130590001	warm	132450091	85	0.17	0.17	0.17	5
130590001	warm	450450009	89	0.17	0.17	0.17	5
130590001	warm	COHU1	92	0.17	0.17	0.17	5
130590001	warm	GRSM1	121	0.17	0.17	0.17	5
130590001	warm	SHRO1	106	0.17	0.17	0.17	5
130890002	cold	010730023	146	0.29	0.17	0.33	20
130890002	cold	011130001	93	0.17	0.17	0.17	5
130890002	cold	130210007	73	0.16	0.14	0.17	15
130890002	cold	131150005	69	0.16	0.14	0.17	15
130890002	cold	132150011	95	0.14	0.14	0.14	5
130890002	cold	132450091	132	0.14	0.14	0.14	5
130890002	cold	450450009	141	0.16	0.14	0.17	15
130890002	cold	COHU1	78	0.25	0.14	0.33	30
130890002	cold	SHRO1	146	0.25	0.14	0.33	30
130890002	warm	010730023	146	0.24	0.13	0.33	25
130890002	warm	011130001	93	0.15	0.13	0.17	10
130890002	warm	130210007	73	0.14	0.13	0.17	15
130890002	warm	131150005	69	0.15	0.14	0.17	10
130890002	warm	132450091	132	0.14	0.13	0.17	15
130890002	warm	450450009	141	0.13	0.13	0.14	10
130890002	warm	470654002	110	0.19	0.13	0.25	10
130890002	warm	COHU1	78	0.25	0.14	0.33	25
130890002	warm	GRSM1	136	0.19	0.13	0.25	10
130890002	warm	SHRO1	146	0.22	0.13	0.33	25
131150005	cold	011130001	125	0.50	0.50	0.50	5
131150005	cold	COHU1	52	0.88	0.50	1.00	20
131150005	warm	011130001	125	0.50	0.50	0.50	5
131150005	warm	COHU1	52	0.75	0.50	1.00	10
132150011	cold	010730023	134	0.23	0.20	0.25	20
132150011	cold	010731009	143	0.23	0.20	0.25	20
132150011	cold	120730012	142	0.23	0.20	0.25	20
132150011	cold	130210007	79	0.23	0.20	0.25	20
132150011	cold	131150005	128	0.20	0.20	0.20	10
132150011	warm	010730023	134	0.20	0.20	0.20	10
132150011	warm	010731009	143	0.20	0.20	0.20	10
132150011	warm	120730012	142	0.20	0.20	0.20	10
132150011	warm	130210007	79	0.20	0.20	0.20	10
132150011	warm	131150005	128	0.20	0.20	0.20	10

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
132450091	cold	130210007	104	0.27	0.25	0.33	15
132450091	cold	450190049	128	0.27	0.25	0.33	15
132450091	cold	450250001	133	0.25	0.25	0.25	2
132450091	cold	450450009	103	0.27	0.25	0.33	15
132450091	cold	450790019	69	0.25	0.25	0.25	10
132450091	warm	130210007	104	0.25	0.25	0.25	5
132450091	warm	130510017	106	0.25	0.25	0.25	5
132450091	warm	450250001	133	0.33	0.33	0.33	5
132450091	warm	450450009	103	0.29	0.25	0.33	10
132450091	warm	450790019	69	0.25	0.25	0.25	5
132450091	warm	ROMA1	141	0.33	0.33	0.33	5
160270004	cold	410610119	140	0.31	0.25	0.33	3
160270004	cold	HECA1	98	0.42	0.25	1.00	40
160270004	cold	JARB1	129	0.33	0.25	0.33	19
160270004	cold	SAWT1	92	0.41	0.25	0.50	39
160270004	warm	410610119	140	0.28	0.25	0.33	5
160270004	warm	HECA1	98	0.41	0.25	0.50	25
160270004	warm	JARB1	129	0.37	0.25	0.50	15
160270004	warm	SAWT1	92	0.39	0.25	0.50	20
170310057	cold	180390003	92	0.20	0.20	0.20	10
170310057	cold	181411008	78	0.23	0.20	0.25	10
170310057	cold	260050003	100	0.20	0.20	0.20	10
170310057	cold	260810020	128	0.20	0.20	0.20	5
170310057	cold	550790026	80	0.21	0.20	0.25	20
170310057	cold	551330027	81	0.21	0.20	0.25	20
170310057	cold	BOND1	133	0.21	0.20	0.25	20
170310057	warm	180030004	147	0.17	0.17	0.17	5
170310057	warm	180390003	92	0.20	0.20	0.20	5
170310057	warm	181411008	78	0.25	0.25	0.25	5
170310057	warm	260050003	100	0.20	0.17	0.25	20
170310057	warm	260770008	115	0.18	0.17	0.20	10
170310057	warm	550270007	113	0.23	0.20	0.25	10
170310057	warm	550790026	80	0.20	0.17	0.25	20
170310057	warm	551330027	81	0.18	0.17	0.20	10
170310057	warm	BOND1	133	0.19	0.17	0.20	15
170310076	cold	171150013	145	0.14	0.14	0.14	5
170310076	cold	180390003	90	0.17	0.17	0.17	5
170310076	cold	181411008	76	0.14	0.14	0.14	5
170310076	cold	191630015	149	0.22	0.14	0.33	20
170310076	cold	260050003	107	0.14	0.14	0.14	5
170310076	cold	260810020	135	0.17	0.17	0.17	5
170310076	cold	550270007	124	0.31	0.25	0.33	20
170310076	cold	550790026	91	0.25	0.14	0.33	25
170310076	cold	551330027	91	0.15	0.14	0.17	10
170310076	cold	BOND1	122	0.26	0.14	0.33	30
170310076	warm	171150013	145	0.14	0.14	0.14	15
170310076	warm	180390003	90	0.14	0.14	0.14	5
170310076	warm	181411008	76	0.14	0.14	0.14	5

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
170310076	warm	191630015	149	0.14	0.14	0.14	15
170310076	warm	260050003	107	0.14	0.14	0.14	15
170310076	warm	260770008	117	0.14	0.14	0.14	5
170310076	warm	550270007	124	0.32	0.14	0.50	10
170310076	warm	550790026	91	0.14	0.14	0.14	15
170310076	warm	551330027	91	0.14	0.14	0.14	10
170310076	warm	BOND1	122	0.23	0.14	0.50	20
170314201	cold	180390003	100	0.18	0.17	0.20	10
170314201	cold	181411008	86	0.18	0.17	0.20	10
170314201	cold	191630015	150	0.17	0.17	0.17	10
170314201	cold	260050003	95	0.19	0.17	0.20	15
170314201	cold	260810020	123	0.17	0.17	0.17	5
170314201	cold	550790026	64	0.18	0.17	0.20	20
170314201	cold	551330027	64	0.18	0.17	0.20	20
170314201	cold	BOND1	147	0.18	0.17	0.20	20
170314201	warm	180390003	100	0.17	0.17	0.17	5
170314201	warm	181411008	86	0.17	0.17	0.17	5
170314201	warm	191630015	150	0.17	0.17	0.17	20
170314201	warm	260050003	95	0.17	0.17	0.17	20
170314201	warm	260770008	116	0.17	0.17	0.17	10
170314201	warm	550270007	97	0.17	0.17	0.17	5
170314201	warm	550790026	64	0.17	0.17	0.17	20
170314201	warm	551330027	64	0.17	0.17	0.17	15
170314201	warm	BOND1	147	0.17	0.17	0.17	20
170434002	cold	171150013	138	0.20	0.20	0.20	10
170434002	cold	180390003	113	0.25	0.25	0.25	10
170434002	cold	181411008	99	0.20	0.20	0.20	10
170434002	cold	191630015	127	0.23	0.20	0.25	20
170434002	cold	551330027	86	0.23	0.20	0.25	20
170434002	cold	BOND1	119	0.23	0.20	0.25	20
170434002	warm	171150013	138	0.18	0.17	0.20	20
170434002	warm	180390003	113	0.17	0.17	0.17	5
170434002	warm	181411008	99	0.20	0.20	0.20	5
170434002	warm	191630015	127	0.18	0.17	0.20	20
170434002	warm	260050003	124	0.17	0.17	0.17	15
170434002	warm	260770008	139	0.17	0.17	0.17	10
170434002	warm	550270007	117	0.17	0.17	0.17	5
170434002	warm	551330027	86	0.18	0.17	0.20	15
170434002	warm	BOND1	119	0.18	0.17	0.20	20
171150013	cold	BOND1	32	1.00	1.00	1.00	20
171150013	warm	180372001	148	0.50	0.50	0.50	4
171150013	warm	BOND1	32	0.90	0.50	1.00	20
171192009	cold	171150013	93	1.00	1.00	1.00	20
171192009	warm	171150013	93	0.50	0.50	0.50	5
171192009	warm	MING1	134	0.50	0.50	0.50	5
180030004	cold	180650003	78	0.50	0.50	0.50	10
180030004	cold	260770008	85	0.50	0.50	0.50	10
180030004	warm	180650003	78	0.50	0.50	0.50	10

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
180030004	warm	260770008	85	0.50	0.50	0.50	10
180372001	cold	BOND1	138	0.33	0.33	0.33	10
180372001	cold	CADI1	122	0.33	0.33	0.33	5
180372001	cold	LIVO1	38	0.33	0.33	0.33	10
180372001	cold	MACA1	97	0.33	0.33	0.33	5
180372001	warm	BOND1	138	0.33	0.33	0.33	10
180372001	warm	LIVO1	38	0.33	0.33	0.33	10
180372001	warm	MACA1	97	0.33	0.33	0.33	10
180390003	cold	180650003	117	0.75	0.50	1.00	10
180390003	cold	260050003	77	0.50	0.50	0.50	5
180390003	warm	180650003	117	0.50	0.50	0.50	5
180390003	warm	260050003	77	0.50	0.50	0.50	5
180650003	cold	180372001	135	0.50	0.50	0.50	5
180650003	cold	LIVO1	110	0.88	0.50	1.00	20
180650003	warm	180372001	135	0.50	0.50	0.50	10
180650003	warm	LIVO1	110	0.75	0.50	1.00	20
180890022	cold	180390003	69	0.29	0.25	0.33	10
180890022	cold	181411008	56	0.25	0.25	0.25	10
180890022	cold	260050003	100	0.28	0.25	0.33	15
180890022	cold	260810020	127	0.25	0.25	0.25	5
180890022	cold	551330027	108	0.25	0.25	0.25	15
180890022	cold	BOND1	121	0.27	0.25	0.33	20
180890022	warm	180390003	69	0.25	0.25	0.25	5
180890022	warm	180650003	144	0.25	0.25	0.25	1
180890022	warm	181411008	56	0.25	0.25	0.25	10
180890022	warm	260050003	100	0.27	0.25	0.33	20
180890022	warm	260770008	102	0.32	0.25	0.33	5
180890022	warm	551330027	108	0.25	0.25	0.25	15
180890022	warm	BOND1	121	0.27	0.25	0.33	20
180892004	cold	171150013	141	0.20	0.20	0.20	5
180892004	cold	180390003	78	0.23	0.20	0.25	10
180892004	cold	181411008	64	0.25	0.25	0.25	10
180892004	cold	260050003	106	0.23	0.20	0.25	15
180892004	cold	260810020	134	0.25	0.25	0.25	5
180892004	cold	551330027	106	0.24	0.20	0.25	20
180892004	cold	BOND1	116	0.24	0.20	0.25	20
180892004	warm	180390003	78	0.25	0.25	0.25	5
180892004	warm	180650003	149	0.20	0.20	0.20	1
180892004	warm	181411008	64	0.29	0.25	0.33	10
180892004	warm	260050003	106	0.27	0.20	0.33	20
180892004	warm	260770008	110	0.24	0.20	0.25	5
180892004	warm	550270007	139	0.29	0.20	0.33	10
180892004	warm	551330027	106	0.25	0.25	0.25	10
180892004	warm	BOND1	116	0.25	0.20	0.25	15
180970078	cold	180372001	107	0.10	0.10	0.10	5
180970078	cold	180390003	129	0.12	0.10	0.14	10
180970078	cold	180890022	139	0.12	0.10	0.14	10
180970078	cold	211110048	111	0.12	0.10	0.14	10

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
180970078	cold	211170007	99	0.12	0.10	0.14	10
180970078	cold	390171004	94	0.12	0.10	0.14	10
180970078	cold	390610040	98	0.10	0.10	0.10	5
180970078	cold	391130031	105	0.10	0.10	0.10	5
180970078	cold	BOND1	121	0.37	0.10	0.50	30
180970078	cold	LIVO1	89	0.37	0.10	0.50	30
180970078	warm	180030004	104	0.11	0.10	0.13	15
180970078	warm	180372001	107	0.11	0.10	0.11	10
180970078	warm	180390003	129	0.10	0.10	0.10	5
180970078	warm	180890022	139	0.11	0.10	0.13	25
180970078	warm	180892004	142	0.10	0.10	0.10	5
180970078	warm	181411008	130	0.11	0.10	0.13	15
180970078	warm	181630012	146	0.10	0.10	0.10	5
180970078	warm	211110043	110	0.10	0.10	0.10	5
180970078	warm	211110048	111	0.11	0.10	0.13	20
180970078	warm	211170007	99	0.11	0.10	0.11	20
180970078	warm	390171004	94	0.11	0.10	0.13	25
180970078	warm	390610040	98	0.11	0.10	0.13	25
180970078	warm	391130031	105	0.11	0.10	0.11	10
180970078	warm	BOND1	121	0.19	0.10	0.50	25
180970078	warm	LIVO1	89	0.17	0.10	0.50	30
181411008	cold	180030004	72	0.25	0.25	0.25	10
181411008	cold	180650003	122	0.25	0.25	0.25	10
181411008	cold	260050003	74	0.25	0.25	0.25	5
181411008	cold	260770008	54	0.25	0.25	0.25	10
181411008	cold	550590019	98	0.25	0.25	0.25	5
181411008	warm	180030004	72	0.25	0.25	0.25	10
181411008	warm	180650003	122	0.25	0.25	0.25	10
181411008	warm	260050003	74	0.25	0.25	0.25	10
181411008	warm	260770008	54	0.25	0.25	0.25	10
181630012	cold	171150013	147	0.17	0.17	0.17	15
181630012	cold	180372001	43	0.21	0.17	0.25	10
181630012	cold	210590014	31	0.17	0.17	0.17	5
181630012	cold	211451004	88	0.17	0.17	0.17	15
181630012	cold	212270007	95	0.19	0.17	0.25	15
181630012	cold	471650007	130	0.17	0.17	0.17	5
181630012	cold	BOND1	147	0.19	0.17	0.25	20
181630012	cold	CADI1	87	0.19	0.17	0.25	15
181630012	cold	LIVO1	79	0.17	0.17	0.17	10
181630012	warm	171150013	147	0.18	0.17	0.20	20
181630012	warm	180372001	43	0.18	0.17	0.20	10
181630012	warm	210590014	31	0.18	0.17	0.20	10
181630012	warm	211451004	88	0.17	0.17	0.17	10
181630012	warm	BOND1	147	0.18	0.17	0.20	20
181630012	warm	CADI1	87	0.18	0.17	0.20	20
181630012	warm	LIVO1	79	0.18	0.17	0.20	10
181630012	warm	MACA1	99	0.18	0.17	0.20	10
191130037	cold	271095008	143	0.43	0.33	0.50	20

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
191130037	cold	GRRI1	134	0.42	0.33	0.50	19
191130037	cold	LASU1	93	0.35	0.33	0.50	10
191130037	warm	271095008	143	0.44	0.33	0.50	15
191130037	warm	GRRI1	134	0.46	0.33	0.50	20
191130037	warm	LASU1	93	0.42	0.33	0.50	10
191530030	cold	191130037	105	0.31	0.25	0.33	20
191530030	cold	LASU1	107	0.29	0.25	0.33	10
191530030	cold	OMAH1	148	0.31	0.25	0.33	15
191530030	cold	VILA1	85	0.31	0.25	0.33	20
191530030	warm	191130037	105	0.28	0.25	0.33	15
191530030	warm	LASU1	107	0.25	0.25	0.25	10
191530030	warm	OMAH1	148	0.28	0.25	0.33	15
191530030	warm	VILA1	85	0.28	0.25	0.33	15
191630015	cold	171150013	144	0.33	0.33	0.33	5
191630015	cold	191130037	65	0.61	0.33	1.00	15
191630015	cold	LASU1	93	0.61	0.33	1.00	15
191630015	warm	171150013	144	0.42	0.33	0.50	20
191630015	warm	191130037	65	0.43	0.33	0.50	25
191630015	warm	LASU1	93	0.39	0.33	0.50	15
201730010	cold	CHER1	54	0.50	0.50	0.50	20
201730010	cold	TALL1	65	0.50	0.50	0.50	20
201730010	warm	CHER1	54	0.50	0.50	0.50	15
201730010	warm	TALL1	65	0.50	0.50	0.50	15
202090021	cold	ELDO1	103	0.27	0.25	0.33	25
202090021	cold	SAFO1	78	0.27	0.25	0.33	25
202090021	cold	TALL1	114	0.28	0.25	0.33	30
202090021	cold	VILA1	130	0.28	0.25	0.33	30
202090021	warm	ELDO1	103	0.28	0.25	0.33	15
202090021	warm	SAFO1	78	0.29	0.25	0.33	20
202090021	warm	TALL1	114	0.30	0.25	0.33	25
202090021	warm	VILA1	130	0.30	0.25	0.33	25
210190017	cold	211930003	87	0.29	0.25	0.33	20
210190017	cold	540390011	52	0.25	0.25	0.25	11
210190017	cold	540391005	52	0.29	0.25	0.33	20
210190017	cold	QUCI1	124	0.29	0.25	0.33	20
210190017	warm	211930003	87	0.25	0.25	0.25	20
210190017	warm	540390011	52	0.25	0.25	0.25	20
210190017	warm	540391005	52	0.25	0.25	0.25	20
210190017	warm	QUCI1	124	0.25	0.25	0.25	20
210590014	cold	212270007	64	0.29	0.25	0.33	10
210590014	cold	CADI1	77	0.29	0.25	0.33	10
210590014	cold	LIVO1	72	0.29	0.25	0.33	10
210590014	cold	MACA1	68	0.25	0.25	0.25	5
210590014	warm	212270007	64	0.25	0.25	0.25	5
210590014	warm	CADI1	77	0.29	0.25	0.33	10
210590014	warm	LIVO1	72	0.29	0.25	0.33	10
210590014	warm	MACA1	68	0.29	0.25	0.33	10
210670012	cold	211250004	72	0.25	0.25	0.25	10

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
210670012	cold	211930003	89	0.27	0.25	0.33	20
210670012	cold	390870010	104	0.27	0.25	0.33	20
210670012	cold	470931020	146	0.25	0.25	0.25	5
210670012	cold	MACA1	111	0.27	0.25	0.33	20
210670012	warm	211250004	72	0.25	0.25	0.25	15
210670012	warm	211930003	89	0.25	0.25	0.25	15
210670012	warm	390870010	104	0.25	0.25	0.25	15
210670012	warm	MACA1	111	0.25	0.25	0.25	15
211110043	cold	180650003	124	0.20	0.17	0.25	11
211110043	cold	210590014	78	0.21	0.17	0.25	10
211110043	cold	210670012	73	0.22	0.17	0.25	17
211110043	cold	211170007	91	0.21	0.17	0.25	15
211110043	cold	212270007	92	0.25	0.25	0.25	5
211110043	cold	LIVO1	32	0.22	0.17	0.25	20
211110043	cold	MACA1	78	0.21	0.17	0.25	15
211110043	warm	180650003	124	0.18	0.17	0.20	20
211110043	warm	210590014	78	0.17	0.17	0.17	10
211110043	warm	210670012	73	0.18	0.17	0.20	20
211110043	warm	211170007	91	0.18	0.17	0.20	20
211110043	warm	LIVO1	32	0.18	0.17	0.20	20
211110043	warm	MACA1	78	0.18	0.17	0.20	20
211110048	cold	180650003	123	0.21	0.20	0.25	15
211110048	cold	210670012	68	0.24	0.20	0.33	17
211110048	cold	211170007	87	0.21	0.20	0.25	15
211110048	cold	212270007	94	0.27	0.20	0.33	10
211110048	cold	LIVO1	35	0.24	0.20	0.33	20
211110048	cold	MACA1	80	0.22	0.20	0.25	10
211110048	warm	180650003	123	0.20	0.20	0.20	20
211110048	warm	210670012	68	0.20	0.20	0.20	20
211110048	warm	211170007	87	0.20	0.20	0.20	20
211110048	warm	LIVO1	35	0.20	0.20	0.20	20
211110048	warm	MACA1	80	0.20	0.20	0.20	20
211170007	cold	180650003	84	0.33	0.33	0.33	20
211170007	cold	210670012	70	0.33	0.33	0.33	12
211170007	cold	211930003	143	0.33	0.33	0.33	8
211170007	cold	390870010	107	0.33	0.33	0.33	20
211170007	warm	180650003	84	0.33	0.33	0.33	11
211170007	warm	210190017	110	0.47	0.33	0.50	5
211170007	warm	210670012	70	0.33	0.33	0.33	10
211170007	warm	211930003	143	0.47	0.33	0.50	5
211170007	warm	390870010	107	0.33	0.33	0.33	10
211250004	cold	211930003	48	0.39	0.33	0.50	15
211250004	cold	GRSM1	101	0.33	0.33	0.33	10
211250004	cold	MACA1	115	0.39	0.33	0.50	15
211250004	warm	211930003	48	0.42	0.33	0.50	10
211250004	warm	GRSM1	101	0.33	0.33	0.33	5
211250004	warm	MACA1	115	0.42	0.33	0.50	10
211451004	cold	470990002	150	0.50	0.50	0.50	10

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
211451004	cold	471650007	122	0.50	0.50	0.50	5
211451004	cold	CADI1	48	0.83	0.50	1.00	15
211451004	warm	470990002	150	0.42	0.33	0.50	10
211451004	warm	CADI1	48	0.44	0.33	0.50	15
211451004	warm	MING1	83	0.42	0.33	0.50	10
211930003	cold	GRSM1	121	1.00	1.00	1.00	10
211930003	warm	GRSM1	121	0.80	0.50	1.00	10
211930003	warm	SHRO1	133	0.50	0.50	0.50	4
212270007	cold	180372001	101	0.33	0.33	0.33	5
212270007	cold	211250004	130	0.33	0.33	0.33	5
212270007	cold	CADI1	81	0.38	0.33	0.50	20
212270007	cold	LIVO1	107	0.33	0.33	0.33	10
212270007	cold	MACA1	18	0.39	0.33	0.50	15
212270007	warm	180372001	101	0.33	0.33	0.33	10
212270007	warm	CADI1	81	0.39	0.33	0.50	15
212270007	warm	MACA1	18	0.39	0.33	0.50	15
220330009	cold	280350004	127	0.33	0.33	0.33	10
220330009	cold	280470008	127	0.50	0.50	0.50	10
220330009	cold	280490018	140	0.33	0.33	0.33	10
220330009	cold	SIKE1	133	0.53	0.33	1.00	25
220330009	warm	280350004	127	0.33	0.33	0.33	5
220330009	warm	280470008	127	0.42	0.33	0.50	10
220330009	warm	280490018	140	0.33	0.33	0.33	5
220330009	warm	280670002	148	0.33	0.33	0.33	5
220330009	warm	SIKE1	133	0.54	0.33	1.00	20
240030019	cold	420010001	65	0.13	0.13	0.14	10
240030019	cold	420290100	72	0.13	0.13	0.14	10
240030019	cold	420710007	70	0.13	0.13	0.13	5
240030019	cold	421330008	60	0.13	0.13	0.13	5
240030019	cold	510870014	113	0.13	0.13	0.14	10
240030019	cold	511390004	100	0.13	0.13	0.14	10
240030019	cold	BALT1	11	0.14	0.14	0.14	5
240030019	cold	BRIG1	125	0.13	0.13	0.14	10
240030019	cold	SHEN1	100	0.13	0.13	0.14	10
240030019	warm	420010001	65	0.17	0.17	0.17	5
240030019	warm	510870014	113	0.17	0.17	0.17	5
240030019	warm	511390004	100	0.17	0.17	0.17	5
240030019	warm	BALT1	11	0.17	0.17	0.17	5
240030019	warm	BRIG1	125	0.17	0.17	0.17	5
240030019	warm	SHEN1	100	0.17	0.17	0.17	5
240053001	cold	420290100	52	0.18	0.17	0.20	10
240053001	cold	420710007	52	0.18	0.17	0.20	10
240053001	cold	421330008	47	0.18	0.17	0.20	10
240053001	cold	510870014	131	0.25	0.17	0.33	20
240053001	cold	AREN1	61	0.25	0.25	0.25	9
240053001	cold	BALT1	13	0.24	0.17	0.33	24
240053001	cold	BRIG1	109	0.24	0.17	0.33	25
240053001	cold	FRRE1	138	0.25	0.25	0.25	1

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
240053001	cold	SHEN1	119	0.25	0.25	0.25	1
240053001	warm	420290100	52	0.17	0.17	0.17	5
240053001	warm	420710007	52	0.17	0.17	0.17	5
240053001	warm	421330008	47	0.17	0.17	0.17	5
240053001	warm	510870014	131	0.22	0.17	0.25	15
240053001	warm	AREN1	61	0.25	0.25	0.25	10
240053001	warm	BALT1	13	0.21	0.17	0.25	10
240053001	warm	BRIG1	109	0.22	0.17	0.25	15
240053001	warm	SHEN1	119	0.25	0.25	0.25	5
240330030	cold	420010001	64	0.17	0.17	0.17	15
240330030	cold	510870014	107	0.17	0.17	0.17	15
240330030	cold	511390004	92	0.17	0.17	0.17	15
240330030	cold	BALT1	17	0.17	0.17	0.17	15
240330030	cold	BRIG1	133	0.17	0.17	0.17	15
240330030	cold	SHEN1	92	0.17	0.17	0.17	15
240330030	warm	420010001	64	0.20	0.20	0.20	5
240330030	warm	510870014	107	0.20	0.20	0.20	5
240330030	warm	BALT1	17	0.20	0.20	0.20	5
240330030	warm	BRIG1	133	0.20	0.20	0.20	5
240330030	warm	SHEN1	92	0.20	0.20	0.20	5
250130008	cold	LYBR1	72	0.33	0.33	0.33	10
250130008	cold	MAVI1	109	0.33	0.33	0.33	5
250130008	cold	MOMO1	46	0.42	0.33	0.50	30
250130008	cold	QURE1	13	0.42	0.33	0.50	30
250130008	warm	LYBR1	72	0.32	0.25	0.33	25
250130008	warm	MAVI1	109	0.25	0.25	0.25	5
250130008	warm	MOMO1	46	0.35	0.25	0.50	30
250130008	warm	QURE1	13	0.35	0.25	0.50	30
250250042	cold	440070022	40	0.15	0.14	0.17	20
250250042	cold	BRMA1	124	0.16	0.14	0.20	29
250250042	cold	CABA1	116	0.16	0.14	0.20	30
250250042	cold	CACO1	60	0.16	0.14	0.20	25
250250042	cold	GRGU1	137	0.16	0.14	0.20	30
250250042	cold	MAVI1	71	0.15	0.14	0.17	25
250250042	cold	QURE1	64	0.16	0.14	0.20	30
250250042	warm	440070022	40	0.17	0.14	0.17	16
250250042	warm	BRMA1	124	0.17	0.14	0.17	25
250250042	warm	CABA1	116	0.17	0.14	0.17	20
250250042	warm	CACO1	60	0.17	0.14	0.17	30
250250042	warm	GRGU1	137	0.17	0.14	0.17	30
250250042	warm	MAVI1	71	0.17	0.14	0.17	30
250250042	warm	QURE1	64	0.17	0.14	0.17	30
260050003	cold	261130001	124	0.83	0.50	1.00	15
260050003	cold	550270007	129	0.50	0.50	0.50	5
260050003	warm	261130001	124	1.00	1.00	1.00	10
260770008	cold	180390003	48	0.75	0.50	1.00	10
260770008	cold	260050003	46	0.75	0.50	1.00	10
260770008	warm	180390003	48	0.50	0.50	0.50	5

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
260770008	warm	260050003	46	0.88	0.50	1.00	20
260810020	cold	180390003	92	0.23	0.20	0.25	10
260810020	cold	181411008	94	0.17	0.17	0.17	10
260810020	cold	260770008	49	0.20	0.17	0.25	20
260810020	cold	261130001	100	0.18	0.17	0.20	15
260810020	cold	261610008	117	0.20	0.17	0.25	20
260810020	cold	550590019	114	0.20	0.17	0.25	20
260810020	cold	550710007	126	0.17	0.17	0.17	10
260810020	warm	181411008	94	0.20	0.20	0.20	5
260810020	warm	260770008	49	0.22	0.20	0.25	15
260810020	warm	261130001	100	0.23	0.20	0.25	10
260810020	warm	261610008	117	0.22	0.20	0.25	15
260810020	warm	550590019	114	0.22	0.20	0.25	15
260810020	warm	550710007	126	0.20	0.20	0.20	10
261130001	cold	SENE1	146	1.00	1.00	1.00	25
261130001	warm	SENE1	146	1.00	1.00	1.00	10
261610008	cold	260770008	99	1.00	1.00	1.00	20
261610008	warm	260050003	135	0.50	0.50	0.50	5
261610008	warm	260770008	99	0.88	0.50	1.00	20
261630001	cold	260770008	120	0.21	0.20	0.25	20
261630001	cold	260810020	136	0.20	0.20	0.20	15
261630001	cold	390350038	94	0.20	0.20	0.20	3
261630001	cold	390350060	94	0.58	0.20	1.00	32
261630001	cold	390930016	77	0.20	0.20	0.20	5
261630001	cold	390933002	77	0.22	0.20	0.25	15
261630001	cold	390950026	48	0.21	0.20	0.25	20
261630001	warm	260770008	120	0.21	0.20	0.25	20
261630001	warm	260810020	136	0.20	0.20	0.20	15
261630001	warm	390350038	94	0.22	0.20	0.25	15
261630001	warm	390350060	94	0.25	0.20	0.50	6
261630001	warm	390490081	149	0.20	0.20	0.20	5
261630001	warm	390930016	77	0.22	0.20	0.25	15
261630001	warm	390933002	77	0.20	0.20	0.20	5
261630001	warm	390950026	48	0.22	0.20	0.25	15
261630001	warm	391510020	137	0.90	0.50	1.00	5
261630033	cold	260770008	122	0.21	0.20	0.25	20
261630033	cold	260810020	137	0.20	0.20	0.20	15
261630033	cold	390350038	95	0.20	0.20	0.20	3
261630033	cold	390350060	94	0.21	0.20	0.25	17
261630033	cold	390930016	79	0.20	0.20	0.20	10
261630033	cold	390933002	79	0.23	0.20	0.25	10
261630033	cold	390950026	54	0.21	0.20	0.25	20
261630033	warm	260770008	122	0.23	0.20	0.25	10
261630033	warm	260810020	137	0.20	0.20	0.20	5
261630033	warm	390350038	95	0.23	0.20	0.25	10
261630033	warm	390930016	79	0.25	0.25	0.25	5
261630033	warm	390933002	79	0.20	0.20	0.20	5
261630033	warm	390950026	54	0.23	0.20	0.25	10

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
270530963	cold	270953051	90	0.45	0.33	0.50	22
270530963	cold	271095008	77	0.38	0.33	0.50	10
270530963	cold	551198001	131	0.38	0.33	0.50	10
270530963	cold	GRRI1	115	0.63	0.50	1.00	20
270530963	warm	270953051	90	0.38	0.33	0.50	20
270530963	warm	271095008	77	0.38	0.33	0.50	20
270530963	warm	551198001	131	0.33	0.33	0.33	10
270530963	warm	GRRI1	115	0.58	0.33	1.00	20
271095008	cold	GRRI1	52	1.00	1.00	1.00	20
271095008	warm	GRRI1	52	1.00	1.00	1.00	20
271230871	cold	270953051	93	0.29	0.25	0.33	7
271230871	cold	271095008	73	0.31	0.25	0.33	12
271230871	cold	551198001	120	0.31	0.25	0.33	15
271230871	cold	GRRI1	107	0.31	0.25	0.33	15
271230871	warm	270953051	93	0.29	0.25	0.33	10
271230871	warm	271095008	73	0.25	0.25	0.25	5
271230871	warm	551198001	120	0.29	0.25	0.33	10
271230871	warm	GRRI1	107	0.29	0.25	0.33	10
280350004	cold	280670002	27	1.00	1.00	1.00	15
280350004	warm	280670002	27	1.00	1.00	1.00	10
280470008	cold	010970003	63	0.33	0.33	0.33	5
280470008	cold	280350004	66	0.33	0.33	0.33	5
280470008	cold	BRET1	88	0.78	0.33	1.00	15
280470008	warm	010970003	63	0.39	0.33	0.50	15
280470008	warm	280350004	66	0.42	0.33	0.50	20
280470008	warm	BRET1	88	0.39	0.33	0.50	15
280490018	cold	280350004	86	0.33	0.33	0.33	20
280490018	cold	280670002	75	0.33	0.33	0.33	20
280490018	cold	SIKE1	133	0.33	0.33	0.33	20
280490018	warm	050030005	118	0.25	0.25	0.25	5
280490018	warm	280350004	86	0.29	0.25	0.33	10
280490018	warm	280670002	75	0.36	0.25	0.50	15
280490018	warm	SIKE1	133	0.36	0.25	0.50	15
290470005	cold	ELDO1	112	0.25	0.25	0.25	30
290470005	cold	SAFO1	79	0.25	0.25	0.25	30
290470005	cold	TALL1	132	0.25	0.25	0.25	30
290470005	cold	VILA1	121	0.25	0.25	0.25	30
290470005	warm	ELDO1	112	0.25	0.25	0.25	25
290470005	warm	SAFO1	79	0.25	0.25	0.25	25
290470005	warm	TALL1	132	0.25	0.25	0.25	25
290470005	warm	VILA1	121	0.25	0.25	0.25	25
290990012	cold	171150013	125	0.50	0.50	0.50	5
290990012	cold	211451004	134	0.75	0.50	1.00	10
290990012	warm	171150013	125	0.39	0.33	0.50	15
290990012	warm	211451004	134	0.39	0.33	0.50	15
290990012	warm	MING1	102	0.33	0.33	0.33	10
295100085	cold	171150013	108	0.33	0.33	0.33	5
295100085	cold	181630012	149	0.42	0.33	0.50	10

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
295100085	cold	211451004	139	0.42	0.33	0.50	10
295100085	cold	BOND1	137	0.86	0.50	1.00	35
295100085	warm	171150013	108	0.32	0.25	0.33	15
295100085	warm	181630012	149	0.31	0.25	0.33	7
295100085	warm	211451004	139	0.32	0.25	0.33	15
295100085	warm	BOND1	137	1.00	1.00	1.00	15
295100085	warm	MING1	117	0.32	0.25	0.33	10
300530018	cold	CABI1	30	0.34	0.25	0.50	19
300530018	cold	FLAT1	73	0.25	0.25	0.25	9
300530018	cold	GLAC1	72	0.35	0.25	0.50	20
300530018	cold	SPOK1	112	0.29	0.25	0.50	15
300530018	warm	CABI1	30	0.42	0.25	0.50	25
300530018	warm	FLAT1	73	0.29	0.25	0.33	10
300530018	warm	GLAC1	72	0.40	0.25	0.50	20
300530018	warm	MONT1	141	0.42	0.33	0.50	10
300530018	warm	SPOK1	112	0.31	0.25	0.33	15
300630031	cold	CABI1	108	0.27	0.25	0.33	40
300630031	cold	FLAT1	63	0.27	0.25	0.33	20
300630031	cold	GLAC1	113	0.27	0.25	0.33	20
300630031	cold	MONT1	43	0.27	0.25	0.33	40
300630031	cold	SULA1	70	0.25	0.25	0.25	30
300630031	warm	CABI1	108	0.28	0.25	0.33	30
300630031	warm	FLAT1	63	0.25	0.25	0.25	15
300630031	warm	GLAC1	113	0.31	0.25	0.33	15
300630031	warm	MONT1	43	0.28	0.25	0.33	30
300630031	warm	SULA1	70	0.25	0.25	0.25	20
310550019	cold	OMAH1	67	0.33	0.33	0.33	15
310550019	cold	SAFO1	90	0.40	0.33	0.50	25
310550019	cold	VILA1	52	0.40	0.33	0.50	25
310550019	warm	OMAH1	67	0.33	0.33	0.33	25
310550019	warm	SAFO1	90	0.33	0.33	0.33	25
310550019	warm	VILA1	52	0.33	0.33	0.33	25
320030560	cold	DEVA1	100	0.33	0.33	0.33	5
320030560	cold	MEAD1	59	0.33	0.33	0.33	5
320030560	cold	ZION1	138	0.33	0.33	0.33	5
320030561	cold	DEVA1	100	0.33	0.33	0.33	10
320030561	cold	MEAD1	59	0.39	0.33	0.50	15
320030561	cold	ZICA1	130	0.39	0.33	0.50	15
320030561	warm	DEVA1	100	0.42	0.33	0.50	20
320030561	warm	MEAD1	59	0.42	0.33	0.50	20
320030561	warm	ZION1	138	0.33	0.33	0.33	10
320310016	cold	060631009	42	0.33	0.33	0.33	10
320310016	cold	BLIS1	42	0.33	0.33	0.33	40
320310016	cold	LAVO1	118	0.33	0.33	0.33	30
320310016	cold	WARI1	65	0.33	0.33	0.33	40
320310016	warm	060631009	42	0.33	0.33	0.33	15
320310016	warm	BLIS1	42	0.33	0.33	0.33	25
320310016	warm	HOOV1	105	0.29	0.25	0.33	10

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
320310016	warm	LAVO1	118	0.31	0.25	0.33	15
320310016	warm	WARI1	65	0.32	0.25	0.33	25
320310016	warm	YOSE1	126	0.25	0.25	0.25	5
330110020	cold	BRMA1	85	0.14	0.14	0.14	15
330110020	cold	CABA1	91	0.17	0.14	0.25	20
330110020	cold	CACO1	102	0.14	0.14	0.14	15
330110020	cold	GRGU1	91	0.17	0.14	0.25	20
330110020	cold	LYBR1	84	0.14	0.14	0.14	15
330110020	cold	MAVI1	121	0.14	0.14	0.14	10
330110020	cold	PMRF1	127	0.20	0.14	0.25	10
330110020	cold	QURE1	66	0.17	0.14	0.25	20
330110020	warm	BRMA1	85	0.15	0.13	0.17	20
330110020	warm	CABA1	91	0.15	0.13	0.17	20
330110020	warm	CACO1	102	0.15	0.13	0.17	20
330110020	warm	GRGU1	91	0.15	0.13	0.17	20
330110020	warm	LYBR1	84	0.15	0.13	0.17	20
330110020	warm	MAVI1	121	0.13	0.13	0.13	4
330110020	warm	PMRF1	127	0.14	0.13	0.14	10
330110020	warm	QURE1	66	0.15	0.13	0.17	20
330150014	cold	BRMA1	71	0.19	0.17	0.20	35
330150014	cold	CABA1	63	0.20	0.17	0.33	40
330150014	cold	CACO1	85	0.19	0.17	0.20	35
330150014	cold	GRGU1	88	0.20	0.17	0.33	40
330150014	cold	MAVI1	121	0.17	0.17	0.17	15
330150014	cold	QURE1	97	0.20	0.17	0.33	40
330150014	warm	BRMA1	71	0.22	0.20	0.25	25
330150014	warm	CABA1	63	0.21	0.20	0.25	20
330150014	warm	CACO1	85	0.23	0.20	0.25	30
330150014	warm	GRGU1	88	0.23	0.20	0.25	30
330150014	warm	QURE1	97	0.23	0.20	0.25	30
340070003	cold	240030019	104	0.20	0.20	0.20	9
340070003	cold	240053001	85	0.23	0.20	0.25	16
340070003	cold	340273001	64	0.25	0.20	0.33	20
340070003	cold	420710007	63	0.22	0.20	0.25	20
340070003	cold	420950025	50	0.22	0.20	0.25	20
340070003	cold	AREN1	117	0.29	0.25	0.33	10
340070003	cold	BALT1	98	0.20	0.20	0.20	4
340070003	cold	BRIG1	47	0.24	0.20	0.33	30
340070003	warm	240053001	85	0.23	0.20	0.25	15
340070003	warm	340273001	64	0.23	0.20	0.25	10
340070003	warm	420692006	109	0.25	0.25	0.25	5
340070003	warm	420710007	63	0.23	0.20	0.25	10
340070003	warm	420950025	50	0.20	0.20	0.20	5
340070003	warm	AREN1	117	0.38	0.25	0.50	10
340070003	warm	BRIG1	47	0.30	0.20	0.50	20
340230006	cold	340070003	52	0.29	0.25	0.33	10
340230006	cold	420692006	92	0.25	0.25	0.25	15
340230006	cold	420950025	49	0.25	0.25	0.25	20

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
340230006	cold	BRIG1	70	0.27	0.25	0.33	25
340230006	cold	MOMO1	110	0.27	0.25	0.33	25
340230006	warm	340070003	52	0.20	0.20	0.20	5
340230006	warm	420692006	92	0.26	0.20	0.33	15
340230006	warm	420950025	49	0.23	0.20	0.25	10
340230006	warm	BRIG1	70	0.32	0.20	0.50	20
340230006	warm	MOMO1	110	0.32	0.20	0.50	20
340273001	cold	420692006	67	0.25	0.25	0.25	10
340273001	cold	420950025	36	0.28	0.25	0.33	15
340273001	cold	BRIG1	92	0.39	0.25	0.50	30
340273001	cold	MOMO1	101	0.39	0.25	0.50	30
340273001	warm	420692006	67	0.25	0.25	0.25	10
340273001	warm	420950025	36	0.25	0.25	0.25	10
340273001	warm	BRIG1	92	0.38	0.25	0.50	20
340273001	warm	MOMO1	101	0.38	0.25	0.50	20
340390004	cold	340070003	68	0.33	0.33	0.33	5
340390004	cold	420692006	92	0.25	0.25	0.25	20
340390004	cold	420950025	59	0.25	0.25	0.25	20
340390004	cold	BRIG1	82	0.31	0.25	0.50	30
340390004	cold	MOMO1	94	0.31	0.25	0.50	30
340390004	warm	250130008	137	0.33	0.33	0.33	5
340390004	warm	340070003	68	0.27	0.20	0.33	10
340390004	warm	420692006	92	0.23	0.20	0.25	15
340390004	warm	420950025	59	0.23	0.20	0.25	15
340390004	warm	BRIG1	82	0.31	0.20	0.50	25
340390004	warm	MOMO1	94	0.30	0.20	0.50	20
350010023	cold	BAND1	48	0.25	0.25	0.25	19
350010023	cold	BOAP1	89	0.25	0.25	0.25	19
350010023	cold	SAPE1	63	0.25	0.25	0.25	19
350010023	cold	WHIT1	130	0.25	0.25	0.25	19
350010023	warm	BAND1	48	0.25	0.25	0.25	15
350010023	warm	BOAP1	89	0.25	0.25	0.25	15
350010023	warm	SAPE1	63	0.25	0.25	0.25	15
350010023	warm	WHIT1	130	0.25	0.25	0.25	15
360050083	cold	340070003	91	0.27	0.20	0.33	10
360050083	cold	420692006	99	0.18	0.17	0.20	20
360050083	cold	420950025	78	0.18	0.17	0.20	30
360050083	cold	421010004	87	0.19	0.17	0.25	27
360050083	cold	440070022	144	0.18	0.17	0.20	25
360050083	cold	BRIG1	101	0.22	0.17	0.33	40
360050083	cold	MOMO1	73	0.22	0.17	0.33	40
360050083	cold	QURE1	127	0.30	0.25	0.33	5
360050083	warm	250130008	115	0.33	0.33	0.33	5
360050083	warm	340070003	91	0.26	0.17	0.33	10
360050083	warm	420692006	99	0.20	0.17	0.20	15
360050083	warm	420950025	78	0.20	0.17	0.20	15
360050083	warm	421010004	87	0.26	0.20	0.33	15
360050083	warm	440070022	144	0.22	0.17	0.25	11

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
360050083	warm	BRIG1	101	0.25	0.17	0.33	30
360050083	warm	MOMO1	73	0.24	0.17	0.33	25
360050110	cold	340070003	88	0.27	0.20	0.33	10
360050110	cold	420692006	100	0.17	0.17	0.17	15
360050110	cold	420950025	77	0.18	0.17	0.20	25
360050110	cold	421010004	84	0.21	0.17	0.33	30
360050110	cold	440070022	146	0.19	0.17	0.25	30
360050110	cold	BRIG1	98	0.23	0.17	0.33	40
360050110	cold	MOMO1	76	0.21	0.17	0.33	35
360050110	cold	QURE1	131	0.33	0.33	0.33	5
360050110	warm	250130008	118	0.33	0.33	0.33	5
360050110	warm	340070003	88	0.29	0.25	0.33	10
360050110	warm	420692006	100	0.20	0.20	0.20	10
360050110	warm	420950025	77	0.20	0.20	0.20	10
360050110	warm	421010004	84	0.26	0.20	0.33	15
360050110	warm	440070022	146	0.23	0.20	0.25	15
360050110	warm	BRIG1	98	0.26	0.20	0.33	30
360050110	warm	MOMO1	76	0.25	0.20	0.33	25
360290005	cold	361010003	98	0.42	0.33	0.50	20
360290005	cold	420490003	81	0.33	0.33	0.33	10
360290005	cold	MKGO1	121	0.42	0.33	0.50	20
360290005	warm	361010003	98	0.36	0.20	0.50	15
360290005	warm	420490003	81	0.29	0.20	0.33	10
360290005	warm	ADPI1	98	0.20	0.20	0.20	3
360290005	warm	COHI1	115	0.20	0.20	0.20	3
360290005	warm	MKGO1	121	0.36	0.20	0.50	15
360310003	cold	LYBR1	94	1.00	1.00	1.00	15
360310003	warm	GRGU1	131	0.50	0.50	0.50	5
360310003	warm	LYBR1	94	0.90	0.50	1.00	25
360551007	cold	360290005	66	0.31	0.25	0.33	15
360551007	cold	361010003	75	0.30	0.25	0.33	25
360551007	cold	420490003	145	0.25	0.25	0.25	5
360551007	cold	ADPI1	75	0.30	0.25	0.33	25
360551007	cold	COHI1	69	0.31	0.25	0.33	30
360551007	warm	360290005	66	0.25	0.25	0.25	10
360551007	warm	361010003	75	0.28	0.25	0.33	15
360551007	warm	ADPI1	75	0.28	0.25	0.33	15
360551007	warm	COHI1	69	0.28	0.25	0.33	15
360556001	cold	ADPI1	77	0.50	0.50	0.50	5
360556001	cold	COHI1	71	0.50	0.50	0.50	5
360610062	cold	340070003	80	0.33	0.33	0.33	1
360610062	cold	420692006	98	0.20	0.20	0.20	5
360610062	cold	420950025	70	0.23	0.20	0.25	10
360610062	cold	421010004	76	0.26	0.20	0.33	15
360610062	cold	BRIG1	90	0.31	0.20	0.50	20
360610062	cold	MOMO1	85	0.31	0.20	0.50	20
360610062	warm	250130008	127	0.33	0.33	0.33	5
360610062	warm	340070003	80	0.27	0.20	0.33	10

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
360610062	warm	420692006	98	0.20	0.20	0.20	5
360610062	warm	420950025	70	0.20	0.20	0.20	5
360610062	warm	421010004	76	0.33	0.33	0.33	5
360610062	warm	BRIG1	90	0.29	0.20	0.33	15
360610062	warm	MOMO1	85	0.27	0.20	0.33	10
360810124	cold	340070003	88	0.27	0.20	0.33	10
360810124	cold	420692006	106	0.18	0.17	0.20	15
360810124	cold	420950025	80	0.19	0.17	0.20	25
360810124	cold	421010004	84	0.19	0.17	0.25	22
360810124	cold	440070022	145	0.18	0.17	0.20	20
360810124	cold	BRIG1	94	0.22	0.17	0.33	35
360810124	cold	MOMO1	80	0.22	0.17	0.33	35
360810124	cold	QURE1	133	0.30	0.25	0.33	5
360810124	warm	250130008	120	0.29	0.25	0.33	10
360810124	warm	340070003	88	0.26	0.17	0.33	10
360810124	warm	420692006	106	0.20	0.17	0.20	10
360810124	warm	420950025	80	0.19	0.17	0.20	5
360810124	warm	421010004	84	0.23	0.20	0.25	15
360810124	warm	440070022	145	0.22	0.17	0.25	11
360810124	warm	BRIG1	94	0.25	0.17	0.33	25
360810124	warm	MOMO1	80	0.22	0.17	0.25	20
361010003	cold	ADPI1	0	0.50	0.50	0.50	35
361010003	cold	COHI1	36	0.50	0.50	0.50	35
361010003	warm	ADPI1	0	0.50	0.50	0.50	25
361010003	warm	COHI1	36	0.58	0.50	1.00	30
370210034	cold	LIGO1	34	0.50	0.50	0.50	20
370210034	cold	SHRO1	28	0.50	0.50	0.50	20
370210034	warm	211930003	125	0.33	0.33	0.33	5
370210034	warm	LIGO1	34	0.46	0.33	0.50	20
370210034	warm	SHRO1	28	0.46	0.33	0.50	20
370330001	cold	JARI1	91	1.00	1.00	1.00	5
370350004	cold	370210034	56	0.33	0.33	0.33	15
370350004	cold	370570002	62	0.38	0.33	0.50	20
370350004	cold	LIGO1	36	0.38	0.33	0.50	20
370350004	warm	370210034	56	0.35	0.25	0.50	20
370350004	warm	370570002	62	0.31	0.25	0.33	15
370350004	warm	450250001	101	0.25	0.25	0.25	5
370350004	warm	LIGO1	36	0.35	0.25	0.50	20
370510009	cold	370570002	91	0.44	0.33	0.50	15
370510009	cold	371070004	79	0.33	0.33	0.33	5
370510009	cold	450250001	77	0.44	0.33	0.50	15
370510009	warm	370570002	91	0.33	0.33	0.33	5
370510009	warm	371070004	79	0.42	0.33	0.50	10
370510009	warm	450250001	77	0.42	0.33	0.50	10
370570002	cold	450250001	83	0.83	0.50	1.00	15
370570002	cold	JARI1	132	0.75	0.50	1.00	10
370570002	warm	450250001	83	0.83	0.50	1.00	15
370570002	warm	JARI1	132	0.50	0.50	0.50	5

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
370670022	cold	370350004	69	0.39	0.33	0.50	15
370670022	cold	370510009	103	0.33	0.33	0.33	10
370670022	cold	450250001	103	0.33	0.33	0.33	15
370670022	cold	JARI1	112	0.42	0.33	0.50	10
370670022	cold	LIGO1	96	0.33	0.33	0.33	5
370670022	warm	370350004	69	0.41	0.33	0.50	15
370670022	warm	370510009	103	0.40	0.33	0.50	10
370670022	warm	450250001	103	0.33	0.33	0.33	8
370670022	warm	JARI1	112	0.43	0.33	0.50	5
370810013	cold	370350004	91	0.36	0.25	0.50	15
370810013	cold	370510009	88	0.25	0.25	0.25	10
370810013	cold	450250001	106	0.28	0.25	0.33	15
370810013	cold	JARI1	106	0.33	0.25	0.50	20
370810013	cold	LIGO1	120	0.25	0.25	0.25	5
370810013	warm	370350004	91	0.28	0.25	0.33	20
370810013	warm	370510009	88	0.25	0.25	0.25	10
370810013	warm	371070004	139	0.30	0.25	0.33	5
370810013	warm	450250001	106	0.27	0.25	0.33	17
370810013	warm	JARI1	106	0.28	0.25	0.33	20
371190041	cold	370350004	47	0.20	0.20	0.20	10
371190041	cold	370570002	49	0.20	0.20	0.20	10
371190041	cold	371830014	132	0.39	0.33	0.50	15
371190041	cold	450250001	55	0.20	0.20	0.20	10
371190041	cold	450450009	90	0.20	0.20	0.20	10
371190041	cold	450790019	87	0.20	0.20	0.20	10
371190041	cold	LIGO1	82	0.39	0.33	0.50	15
371190041	cold	SHRO1	113	0.42	0.33	0.50	20
371190041	warm	371830014	132	0.33	0.33	0.33	10
371190041	warm	LIGO1	82	0.53	0.33	1.00	25
371190041	warm	SHRO1	113	0.42	0.33	0.50	20
371830014	cold	370510009	60	0.25	0.25	0.25	5
371830014	cold	370810013	71	0.25	0.25	0.25	5
371830014	cold	371070004	71	0.25	0.25	0.25	5
371830014	cold	JARI1	133	0.91	0.25	1.00	40
371830014	warm	370510009	60	0.25	0.25	0.25	5
371830014	warm	370810013	71	0.25	0.25	0.25	20
371830014	warm	371070004	71	0.25	0.25	0.25	20
371830014	warm	450250001	126	0.25	0.25	0.25	15
371830014	warm	JARI1	133	0.40	0.25	1.00	25
380150003	cold	380530002	129	0.33	0.33	0.33	20
380150003	cold	LOST1	147	0.33	0.33	0.33	20
380150003	cold	THRO1	124	0.33	0.33	0.33	20
380150003	warm	380530002	129	0.33	0.33	0.33	20
380150003	warm	LOST1	147	0.33	0.33	0.33	20
380150003	warm	THRO1	124	0.33	0.33	0.33	20
380530002	cold	LOST1	82	0.33	0.33	0.33	20
380530002	cold	MELA1	83	0.33	0.33	0.33	20
380530002	cold	THRO1	49	0.33	0.33	0.33	20

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
380530002	warm	LOST1	82	0.33	0.33	0.33	20
380530002	warm	MELA1	83	0.33	0.33	0.33	20
380530002	warm	THRO1	49	0.33	0.33	0.33	20
390171004	cold	180030004	115	0.33	0.33	0.33	5
390171004	cold	180650003	69	0.46	0.33	0.50	20
390171004	cold	390870010	116	0.46	0.33	0.50	20
390171004	warm	180650003	69	0.47	0.33	0.50	20
390171004	warm	390870010	116	0.47	0.33	0.50	20
390171004	warm	LIVO1	122	0.33	0.33	0.33	4
390350038	cold	261150005	95	0.20	0.20	0.20	20
390350038	cold	390490081	117	0.20	0.20	0.20	20
390350038	cold	390990014	59	0.20	0.20	0.20	20
390350038	cold	391510020	49	0.20	0.20	0.20	10
390350038	cold	420490003	96	0.20	0.20	0.20	15
390350038	cold	MKGO1	80	0.20	0.20	0.20	5
390350038	cold	QUCI1	108	0.20	0.20	0.20	10
390350038	warm	261150005	95	0.20	0.20	0.20	15
390350038	warm	390490081	117	0.20	0.20	0.20	10
390350038	warm	390950026	102	0.20	0.20	0.20	5
390350038	warm	390990014	59	0.20	0.20	0.20	15
390350038	warm	391510017	50	0.20	0.20	0.20	5
390350038	warm	391510020	49	0.20	0.20	0.20	5
390350038	warm	420490003	96	0.20	0.20	0.20	15
390350038	warm	QUCI1	108	0.20	0.20	0.20	5
390350060	cold	261150005	95	0.20	0.20	0.20	15
390350060	cold	390490081	118	0.20	0.20	0.20	15
390350060	cold	390990014	60	0.20	0.20	0.20	15
390350060	cold	391510020	50	0.20	0.20	0.20	10
390350060	cold	420490003	96	0.20	0.20	0.20	10
390350060	cold	MKGO1	80	0.43	0.20	0.50	20
390350060	cold	QUCI1	109	0.43	0.20	0.50	20
390350060	warm	261150005	95	0.20	0.20	0.20	5
390350060	warm	390490081	118	0.20	0.20	0.20	10
390350060	warm	390950026	102	0.20	0.20	0.20	5
390350060	warm	390990014	60	0.20	0.20	0.20	10
390350060	warm	391510017	51	0.20	0.20	0.20	5
390350060	warm	391510020	50	0.35	0.20	0.50	10
390350060	warm	420030008	114	0.50	0.50	0.50	5
390350060	warm	420490003	96	0.20	0.20	0.20	5
390350060	warm	MKGO1	80	0.40	0.20	0.50	15
390350060	warm	QUCI1	109	0.50	0.50	0.50	10
390490081	cold	261150005	119	0.14	0.13	0.14	15
390490081	cold	390171004	85	0.15	0.14	0.17	10
390490081	cold	390870010	110	0.14	0.13	0.17	20
390490081	cold	390930016	102	0.14	0.14	0.14	10
390490081	cold	390933002	105	0.15	0.13	0.17	10
390490081	cold	390950026	112	0.14	0.13	0.17	20
390490081	cold	391130031	67	0.13	0.13	0.14	10

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
390490081	cold	391510017	96	0.14	0.14	0.14	5
390490081	cold	391510020	97	0.15	0.13	0.17	10
390490081	cold	391530023	102	0.13	0.13	0.14	10
390490081	cold	QUCI1	87	0.14	0.13	0.17	20
390490081	warm	261150005	119	0.13	0.13	0.13	10
390490081	warm	390870010	110	0.13	0.13	0.14	15
390490081	warm	390930016	102	0.13	0.13	0.13	5
390490081	warm	390933002	105	0.13	0.13	0.14	10
390490081	warm	390950026	112	0.13	0.13	0.14	15
390490081	warm	391130031	67	0.13	0.13	0.14	15
390490081	warm	391510017	96	0.13	0.13	0.13	5
390490081	warm	391510020	97	0.13	0.13	0.14	10
390490081	warm	391530023	102	0.13	0.13	0.14	15
390490081	warm	QUCI1	87	0.13	0.13	0.14	15
390610040	cold	180030004	140	0.17	0.17	0.17	5
390610040	cold	180650003	82	0.19	0.17	0.20	25
390610040	cold	210190017	111	0.20	0.20	0.20	10
390610040	cold	210670012	74	0.19	0.17	0.20	20
390610040	cold	211110048	90	0.19	0.17	0.20	25
390610040	cold	211930003	145	0.20	0.20	0.20	5
390610040	cold	390490081	106	0.19	0.17	0.20	15
390610040	cold	390870010	108	0.19	0.17	0.20	15
390610040	cold	391130031	48	0.20	0.20	0.20	10
390610040	warm	180650003	82	0.20	0.20	0.20	16
390610040	warm	210190017	111	0.24	0.20	0.25	5
390610040	warm	210670012	74	0.20	0.20	0.20	15
390610040	warm	211110048	90	0.21	0.20	0.25	20
390610040	warm	211930003	145	0.24	0.20	0.25	5
390610040	warm	390870010	108	0.20	0.20	0.20	15
390610040	warm	391130031	48	0.21	0.20	0.25	20
390810017	cold	540511002	32	0.50	0.50	0.50	15
390810017	cold	QUCI1	48	0.50	0.50	0.50	15
390810017	warm	540511002	32	0.50	0.50	0.50	10
390810017	warm	QUCI1	48	0.50	0.50	0.50	10
390870010	cold	211930003	91	0.50	0.50	0.50	20
390870010	cold	QUCI1	121	0.50	0.50	0.50	20
390870010	warm	211930003	91	0.50	0.50	0.50	15
390870010	warm	QUCI1	121	0.50	0.50	0.50	15
390930016	cold	261150005	71	0.42	0.33	0.50	10
390930016	cold	420490003	120	0.42	0.33	0.50	10
390930016	cold	QUCI1	112	0.33	0.33	0.33	5
390930016	warm	261150005	71	0.42	0.33	0.50	10
390930016	warm	420490003	120	0.33	0.33	0.33	5
390930016	warm	MKGO1	105	0.50	0.50	0.50	5
390930016	warm	QUCI1	112	0.33	0.33	0.33	5
390933002	cold	261150005	73	0.42	0.33	0.50	10
390933002	cold	420490003	117	0.33	0.33	0.33	5
390933002	cold	MKGO1	102	0.61	0.33	1.00	15

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
390933002	warm	261150005	73	0.50	0.50	0.50	5
390933002	warm	420490003	117	0.75	0.50	1.00	10
390950026	cold	180030004	84	0.20	0.20	0.20	10
390950026	cold	180390003	120	0.17	0.17	0.17	10
390950026	cold	180650003	149	0.17	0.17	0.17	10
390950026	cold	260770008	108	0.18	0.17	0.20	20
390950026	cold	261150005	13	0.18	0.17	0.20	15
390950026	cold	261610008	43	0.18	0.17	0.20	20
390950026	cold	390171004	150	0.18	0.17	0.20	10
390950026	cold	390933002	80	0.20	0.20	0.20	5
390950026	cold	391130031	131	0.18	0.17	0.20	10
390950026	warm	180030004	84	0.20	0.20	0.20	10
390950026	warm	180390003	120	0.14	0.14	0.14	5
390950026	warm	180650003	149	0.17	0.14	0.20	10
390950026	warm	260770008	108	0.19	0.14	0.20	20
390950026	warm	261150005	13	0.19	0.14	0.20	20
390950026	warm	261610008	43	0.19	0.14	0.20	20
390950026	warm	390930016	78	0.14	0.14	0.14	5
390950026	warm	391130031	131	0.19	0.14	0.20	20
390990014	cold	420490003	79	0.28	0.25	0.33	15
390990014	cold	421255001	47	0.33	0.25	0.50	20
390990014	cold	540511002	82	0.25	0.25	0.25	5
390990014	cold	MKGO1	35	0.33	0.25	0.50	20
390990014	cold	QUCI1	87	0.25	0.25	0.25	5
390990014	warm	390810017	51	0.25	0.25	0.25	5
390990014	warm	420490003	79	0.31	0.25	0.33	15
390990014	warm	421255001	47	0.35	0.25	0.50	20
390990014	warm	MKGO1	35	0.35	0.25	0.50	20
391130031	cold	180030004	105	0.23	0.20	0.25	10
391130031	cold	180650003	75	0.28	0.20	0.33	20
391130031	cold	390171004	21	0.28	0.20	0.33	20
391130031	cold	390870010	117	0.28	0.20	0.33	20
391130031	cold	QUCI1	150	0.20	0.20	0.20	5
391130031	warm	180030004	105	0.23	0.20	0.25	10
391130031	warm	180650003	75	0.26	0.20	0.33	20
391130031	warm	210190017	121	0.25	0.25	0.25	5
391130031	warm	390171004	21	0.26	0.20	0.33	20
391130031	warm	390870010	117	0.26	0.20	0.33	15
391130031	warm	QUCI1	150	0.23	0.20	0.25	10
391510017	cold	390810017	50	0.25	0.25	0.25	5
391510017	cold	390930016	60	0.23	0.20	0.25	10
391510017	cold	390990014	44	0.23	0.20	0.25	10
391510017	cold	421255001	56	0.20	0.20	0.20	5
391510017	cold	540511002	70	0.20	0.20	0.20	5
391510017	cold	QUCI1	58	0.23	0.20	0.25	10
391510017	warm	390930016	60	0.25	0.25	0.25	5
391510017	warm	390990014	44	0.25	0.25	0.25	10
391510017	warm	421255001	56	0.25	0.25	0.25	10

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
391510017	warm	540511002	70	0.25	0.25	0.25	5
391510017	warm	QUCI1	58	0.25	0.25	0.25	10
391510020	cold	390810017	50	0.25	0.25	0.25	5
391510020	cold	390933002	60	0.25	0.25	0.25	5
391510020	cold	390990014	43	0.29	0.25	0.33	10
391510020	cold	540511002	70	0.33	0.33	0.33	5
391510020	cold	QUCI1	59	0.29	0.25	0.33	10
391510020	warm	390933002	60	0.25	0.25	0.25	5
391510020	warm	390990014	43	0.25	0.25	0.25	5
391510020	warm	540511002	70	0.25	0.25	0.25	5
391510020	warm	QUCI1	59	0.25	0.25	0.25	5
391530023	cold	261150005	110	0.25	0.25	0.25	10
391530023	cold	390990014	46	0.25	0.25	0.25	10
391530023	cold	391510020	22	0.25	0.25	0.25	5
391530023	cold	420490003	107	0.25	0.25	0.25	10
391530023	cold	QUCI1	80	0.25	0.25	0.25	5
391530023	warm	261150005	110	0.25	0.25	0.25	15
391530023	warm	390990014	46	0.27	0.25	0.33	20
391530023	warm	391510017	22	0.25	0.25	0.25	10
391530023	warm	391510020	22	0.29	0.25	0.33	10
391530023	warm	420490003	107	0.28	0.25	0.33	15
391530023	warm	MKGO1	76	0.25	0.25	0.25	5
401091037	cold	CHER1	96	0.33	0.33	0.33	15
401091037	cold	ELLI1	142	0.33	0.33	0.33	15
401091037	cold	WIMO1	93	0.33	0.33	0.33	15
401091037	warm	CHER1	96	0.33	0.33	0.33	10
401091037	warm	ELLI1	142	0.33	0.33	0.33	10
401091037	warm	WIMO1	93	0.33	0.33	0.33	10
401431127	cold	401091037	93	0.33	0.33	0.33	5
401431127	cold	CHER1	78	0.46	0.33	0.50	20
401431127	cold	ELDO1	149	0.57	0.33	1.00	25
401431127	warm	401091037	93	0.50	0.50	0.50	5
401431127	warm	CHER1	78	0.67	0.50	1.00	15
401431127	warm	ELDO1	149	0.50	0.50	0.50	5
410290133	cold	CRLA1	55	0.25	0.25	0.25	20
410290133	cold	KALM1	62	0.25	0.25	0.25	20
410290133	cold	LABE1	82	0.25	0.25	0.25	20
410290133	cold	LAVO1	140	0.25	0.25	0.25	5
410290133	cold	TRIN1	106	0.25	0.25	0.25	15
410290133	warm	CRLA1	55	0.25	0.25	0.25	20
410290133	warm	KALM1	62	0.25	0.25	0.25	20
410290133	warm	LABE1	82	0.25	0.25	0.25	20
410290133	warm	LAVO1	140	0.25	0.25	0.25	1
410290133	warm	TRIN1	106	0.25	0.25	0.25	19
410390060	cold	410290133	119	0.25	0.25	0.25	3
410390060	cold	COGO1	115	1.00	1.00	1.00	1
410390060	cold	CRLA1	92	0.32	0.25	0.33	19
410390060	cold	KALM1	113	0.32	0.25	0.33	19

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
410390060	cold	MOHO1	108	0.32	0.25	0.33	10
410390060	cold	THSI1	55	0.32	0.25	0.33	9
410390060	warm	410290133	119	0.25	0.25	0.25	4
410390060	warm	CRLA1	92	0.32	0.25	0.33	20
410390060	warm	KALM1	113	0.32	0.25	0.33	20
410390060	warm	MOHO1	108	0.32	0.25	0.33	10
410390060	warm	THSI1	55	0.32	0.25	0.33	10
410510246	cold	410390060	108	0.25	0.25	0.25	4
410510246	cold	530330057	139	0.33	0.33	0.33	1
410510246	cold	530330080	140	0.50	0.50	0.50	1
410510246	cold	COGO1	23	0.33	0.25	0.50	40
410510246	cold	MOHO1	47	0.33	0.25	0.33	20
410510246	cold	MORA1	87	0.33	0.25	0.50	38
410510246	cold	THSI1	93	0.32	0.25	0.33	18
410510246	warm	410390060	108	0.25	0.25	0.25	3
410510246	warm	530330080	140	0.33	0.33	0.33	1
410510246	warm	COGO1	23	0.33	0.25	0.33	30
410510246	warm	MOHO1	47	0.32	0.25	0.33	15
410510246	warm	MORA1	87	0.32	0.25	0.33	29
410510246	warm	THSI1	93	0.33	0.25	0.33	15
410610119	cold	HECA1	58	0.63	0.50	1.00	20
410610119	cold	STAR1	31	0.50	0.50	0.50	15
410610119	warm	HECA1	58	0.50	0.50	0.50	15
410610119	warm	STAR1	31	0.50	0.50	0.50	15
420010001	cold	420270100	69	0.23	0.20	0.33	20
420010001	cold	420990301	38	0.20	0.20	0.20	5
420010001	cold	511390004	108	0.23	0.20	0.33	20
420010001	cold	AREN1	0	0.24	0.20	0.33	15
420010001	cold	BALT1	56	0.20	0.20	0.20	15
420010001	cold	FRRE1	92	0.20	0.20	0.20	15
420010001	warm	420270100	69	0.20	0.20	0.20	20
420010001	warm	511390004	108	0.20	0.20	0.20	15
420010001	warm	AREN1	0	0.20	0.20	0.20	20
420010001	warm	BALT1	56	0.20	0.20	0.20	15
420010001	warm	FRRE1	92	0.20	0.20	0.20	20
420010001	warm	SHEN1	114	0.20	0.20	0.20	10
420030008	cold	390990014	57	0.17	0.17	0.17	5
420030008	cold	420270100	112	0.17	0.17	0.17	5
420030008	cold	540511002	56	0.17	0.17	0.17	5
420030008	cold	AREN1	145	0.25	0.25	0.25	10
420030008	cold	DOSO1	98	0.25	0.17	0.33	25
420030008	cold	FRRE1	73	0.25	0.17	0.33	15
420030008	cold	MKGO1	67	0.26	0.17	0.33	30
420030008	cold	QUCI1	81	0.28	0.25	0.33	25
420030008	warm	390810017	35	0.14	0.14	0.14	5
420030008	warm	390990014	57	0.16	0.14	0.17	15
420030008	warm	420270100	112	0.16	0.14	0.17	15
420030008	warm	540511002	56	0.14	0.14	0.14	5

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
420030008	warm	AREN1	145	0.33	0.33	0.33	5
420030008	warm	DOSO1	98	0.22	0.14	0.33	30
420030008	warm	FRRE1	73	0.20	0.14	0.25	25
420030008	warm	MKGO1	67	0.20	0.14	0.25	25
420030008	warm	QUCI1	81	0.23	0.17	0.33	25
420030064	cold	390810017	39	0.14	0.14	0.14	15
420030064	cold	390990014	68	0.16	0.14	0.20	20
420030064	cold	420270100	110	0.16	0.14	0.20	20
420030064	cold	540511002	54	0.14	0.14	0.14	15
420030064	cold	DOSO1	87	0.16	0.14	0.20	20
420030064	cold	FRRE1	62	0.14	0.14	0.14	15
420030064	cold	MKGO1	78	0.16	0.14	0.20	20
420030064	cold	QUCI1	82	0.20	0.20	0.20	5
420030064	warm	390810017	39	0.14	0.14	0.14	5
420030064	warm	390990014	68	0.17	0.14	0.20	15
420030064	warm	420270100	110	0.15	0.14	0.17	10
420030064	warm	540511002	54	0.17	0.14	0.20	10
420030064	warm	DOSO1	87	0.17	0.14	0.20	15
420030064	warm	FRRE1	62	0.17	0.14	0.20	15
420030064	warm	MKGO1	78	0.17	0.14	0.20	15
420030064	warm	QUCI1	82	0.17	0.17	0.17	5
420270100	cold	361010003	95	0.24	0.20	0.33	25
420270100	cold	420990301	45	0.21	0.20	0.25	20
420270100	cold	AREN1	68	0.23	0.20	0.33	20
420270100	cold	FRRE1	97	0.21	0.20	0.25	20
420270100	cold	MKGO1	126	0.24	0.20	0.33	25
420270100	warm	361010003	95	0.20	0.20	0.20	10
420270100	warm	420990301	45	0.20	0.20	0.20	15
420270100	warm	ADPI1	95	0.20	0.20	0.20	5
420270100	warm	AREN1	68	0.20	0.20	0.20	15
420270100	warm	FRRE1	97	0.20	0.20	0.20	15
420270100	warm	MKGO1	126	0.20	0.20	0.20	15
420290100	cold	420710007	31	0.46	0.33	0.50	20
420290100	cold	BALT1	64	0.33	0.33	0.33	5
420290100	cold	BRIG1	75	0.46	0.33	0.50	20
420290100	warm	420710007	31	0.50	0.50	0.50	10
420290100	warm	BRIG1	75	0.50	0.50	0.50	10
420430401	cold	361010003	129	0.20	0.20	0.20	10
420430401	cold	420010001	33	0.20	0.20	0.20	5
420430401	cold	420270100	67	0.20	0.20	0.20	20
420430401	cold	420692006	105	0.20	0.20	0.20	15
420430401	cold	421330008	21	0.20	0.20	0.20	20
420430401	cold	ADPI1	129	0.20	0.20	0.20	10
420430401	cold	AREN1	33	0.20	0.20	0.20	15
420430401	cold	COHI1	149	0.20	0.20	0.20	5
420430401	warm	361010003	129	0.20	0.20	0.20	20
420430401	warm	420270100	67	0.20	0.20	0.20	20
420430401	warm	420692006	105	0.20	0.20	0.20	20

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
420430401	warm	421330008	21	0.20	0.20	0.20	20
420430401	warm	AREN1	33	0.20	0.20	0.20	20
420450002	cold	240030019	88	0.20	0.20	0.20	10
420450002	cold	240053001	69	0.20	0.20	0.20	5
420450002	cold	340230006	67	0.20	0.20	0.20	20
420450002	cold	420710007	50	0.20	0.20	0.20	20
420450002	cold	420950025	55	0.20	0.20	0.20	20
420450002	cold	BALT1	82	0.20	0.20	0.20	5
420450002	cold	BRIG1	55	0.20	0.20	0.20	20
420450002	warm	240030019	88	0.20	0.20	0.20	5
420450002	warm	240053001	69	0.20	0.20	0.20	10
420450002	warm	340230006	67	0.20	0.20	0.20	10
420450002	warm	340273001	75	0.20	0.20	0.20	5
420450002	warm	420692006	112	0.20	0.20	0.20	5
420450002	warm	420710007	50	0.21	0.20	0.25	20
420450002	warm	420950025	55	0.22	0.20	0.25	15
420450002	warm	421330008	71	0.25	0.25	0.25	5
420450002	warm	BRIG1	55	0.21	0.20	0.25	20
420490003	cold	MKGO1	50	1.00	1.00	1.00	25
420490003	warm	361010003	145	0.25	0.25	0.25	5
420490003	warm	420270100	145	0.29	0.25	0.33	10
420490003	warm	ADPI1	145	0.29	0.25	0.33	10
420490003	warm	MKGO1	50	0.53	0.25	1.00	15
420692006	cold	361010003	93	0.28	0.25	0.33	15
420692006	cold	420990301	106	0.25	0.25	0.25	15
420692006	cold	ADPI1	93	0.25	0.25	0.25	5
420692006	cold	COHI1	85	0.27	0.25	0.33	20
420692006	cold	MOMO1	123	0.27	0.25	0.33	20
420692006	warm	361010003	93	0.25	0.25	0.25	20
420692006	warm	420990301	106	0.25	0.25	0.25	20
420692006	warm	COHI1	85	0.25	0.25	0.25	20
420692006	warm	MOMO1	123	0.25	0.25	0.25	20
420710007	cold	420430401	33	0.35	0.25	0.50	20
420710007	cold	420692006	103	0.31	0.25	0.33	15
420710007	cold	421330008	23	0.35	0.25	0.50	20
420710007	cold	BALT1	59	0.25	0.25	0.25	5
420710007	warm	420430401	33	0.31	0.25	0.33	20
420710007	warm	420692006	103	0.31	0.25	0.33	20
420710007	warm	421330008	23	0.31	0.25	0.33	20
420710007	warm	BRIG1	106	0.25	0.25	0.25	5
420950025	cold	420290100	59	0.33	0.33	0.33	15
420950025	cold	420692006	58	0.38	0.33	0.50	20
420950025	cold	420710007	64	0.38	0.33	0.50	20
420950025	warm	420290100	59	0.33	0.33	0.33	15
420950025	warm	420692006	58	0.38	0.33	0.50	20
420950025	warm	420710007	64	0.38	0.33	0.50	20
420990301	cold	361010003	113	0.61	0.33	1.00	15
420990301	cold	ADPI1	113	0.50	0.50	0.50	5

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
420990301	cold	AREN1	38	0.44	0.33	0.50	15
420990301	cold	FRRE1	111	0.33	0.33	0.33	5
420990301	warm	361010003	113	0.50	0.50	0.50	20
420990301	warm	AREN1	38	0.50	0.50	0.50	20
421010004	cold	240030019	107	0.17	0.17	0.17	9
421010004	cold	240053001	88	0.21	0.17	0.25	16
421010004	cold	340230006	48	0.17	0.17	0.20	25
421010004	cold	340273001	58	0.18	0.17	0.20	20
421010004	cold	420710007	63	0.18	0.17	0.25	25
421010004	cold	420950025	45	0.18	0.17	0.25	25
421010004	cold	AREN1	117	0.20	0.20	0.20	5
421010004	cold	BALT1	100	0.17	0.17	0.17	9
421010004	cold	BRIG1	51	0.19	0.17	0.25	30
421010004	warm	110010043	127	0.25	0.25	0.25	5
421010004	warm	240030019	107	0.20	0.20	0.20	5
421010004	warm	240053001	88	0.18	0.17	0.20	10
421010004	warm	340230006	48	0.20	0.20	0.20	10
421010004	warm	340273001	58	0.18	0.17	0.20	10
421010004	warm	340390004	64	0.21	0.17	0.25	10
421010004	warm	420710007	63	0.18	0.17	0.20	10
421010004	warm	420950025	45	0.18	0.17	0.20	10
421010004	warm	AREN1	117	0.32	0.20	0.50	15
421010004	warm	BRIG1	51	0.26	0.17	0.50	25
421010136	cold	240030019	99	0.17	0.17	0.17	9
421010136	cold	240053001	79	0.17	0.17	0.20	6
421010136	cold	340230006	57	0.17	0.17	0.20	20
421010136	cold	340273001	66	0.17	0.17	0.17	15
421010136	cold	420710007	57	0.17	0.17	0.20	20
421010136	cold	420950025	49	0.17	0.17	0.20	20
421010136	cold	BALT1	92	0.17	0.17	0.17	9
421010136	cold	BRIG1	52	0.17	0.17	0.20	20
421010136	warm	240053001	79	0.20	0.20	0.20	5
421010136	warm	340390004	73	0.20	0.20	0.20	5
421010136	warm	420710007	57	0.29	0.20	0.33	15
421010136	warm	420950025	49	0.29	0.20	0.33	15
421010136	warm	BRIG1	52	0.29	0.20	0.33	15
421255001	cold	390810017	12	0.20	0.20	0.20	10
421255001	cold	420270100	136	0.25	0.25	0.25	5
421255001	cold	540511002	40	0.20	0.20	0.20	15
421255001	cold	DOSO1	107	0.21	0.20	0.25	20
421255001	cold	FRRE1	90	0.20	0.20	0.20	15
421255001	cold	MKGO1	69	0.21	0.20	0.25	20
421255001	cold	QUCI1	60	0.23	0.20	0.25	10
421255001	warm	390810017	12	0.20	0.20	0.20	5
421255001	warm	540511002	40	0.23	0.20	0.25	10
421255001	warm	DOSO1	107	0.24	0.20	0.25	20
421255001	warm	FRRE1	90	0.24	0.20	0.25	20
421255001	warm	MKGO1	69	0.24	0.20	0.25	20

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
421255001	warm	QUCI1	60	0.25	0.25	0.25	10
421290008	cold	390810017	59	0.17	0.17	0.17	20
421290008	cold	420270100	92	0.17	0.17	0.17	20
421290008	cold	540511002	70	0.17	0.17	0.17	20
421290008	cold	DOSO1	83	0.17	0.17	0.17	20
421290008	cold	FRRE1	49	0.17	0.17	0.17	20
421290008	cold	MKGO1	85	0.17	0.17	0.17	20
421290008	warm	420270100	92	0.20	0.20	0.20	20
421290008	warm	540511002	70	0.20	0.20	0.20	15
421290008	warm	DOSO1	83	0.20	0.20	0.20	20
421290008	warm	FRRE1	49	0.20	0.20	0.20	20
421290008	warm	MKGO1	85	0.20	0.20	0.20	20
421290008	warm	QUCI1	100	0.20	0.20	0.20	5
421330008	cold	420990301	42	0.50	0.50	0.50	5
421330008	cold	AREN1	32	0.83	0.50	1.00	15
421330008	cold	BALT1	49	0.50	0.50	0.50	10
421330008	warm	AREN1	32	0.58	0.33	1.00	20
421330008	warm	BALT1	49	0.50	0.50	0.50	10
421330008	warm	BRIG1	125	0.33	0.33	0.33	5
421330008	warm	SHEN1	136	0.33	0.33	0.33	5
440070022	cold	090090027	85	0.24	0.14	0.33	20
440070022	cold	250130008	64	0.14	0.14	0.14	5
440070022	cold	330110020	83	0.15	0.14	0.17	10
440070022	cold	330150014	94	0.15	0.14	0.17	10
440070022	cold	CACO1	73	0.15	0.14	0.17	10
440070022	cold	MAVI1	46	0.26	0.14	0.33	25
440070022	cold	MOMO1	97	0.33	0.33	0.33	5
440070022	cold	QURE1	58	0.26	0.14	0.33	25
440070022	warm	090090027	85	0.28	0.25	0.33	15
440070022	warm	250130008	64	0.25	0.25	0.25	10
440070022	warm	MAVI1	46	0.29	0.25	0.33	20
440070022	warm	MOMO1	97	0.33	0.33	0.33	5
440070022	warm	QURE1	58	0.29	0.25	0.33	20
440071010	cold	MAVI1	46	0.33	0.33	0.33	5
440071010	cold	MOMO1	100	0.33	0.33	0.33	5
440071010	cold	QURE1	59	0.33	0.33	0.33	5
440071010	warm	090090027	88	0.25	0.25	0.25	5
440071010	warm	250130008	66	0.25	0.25	0.25	5
440071010	warm	CACO1	69	0.25	0.25	0.25	5
440071010	warm	QURE1	59	0.25	0.25	0.25	5
450190049	cold	ROMA1	20	1.00	1.00	1.00	40
450190049	warm	ROMA1	20	1.00	1.00	1.00	30
450250001	cold	ROMA1	120	1.00	1.00	1.00	25
450250001	warm	ROMA1	120	1.00	1.00	1.00	15
450450009	cold	370210034	49	0.23	0.20	0.25	10
450450009	cold	370350004	78	0.21	0.20	0.25	20
450450009	cold	450790019	97	0.21	0.20	0.25	20
450450009	cold	471631007	114	0.20	0.20	0.20	5

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
450450009	cold	COHU1	132	0.20	0.20	0.20	10
450450009	cold	GRSM1	105	0.20	0.20	0.20	5
450450009	cold	LIGO1	77	0.30	0.20	0.50	15
450450009	cold	SHRO1	43	0.29	0.20	0.50	20
450450009	warm	370210034	49	0.24	0.20	0.25	20
450450009	warm	370350004	78	0.24	0.20	0.25	20
450450009	warm	450790019	97	0.24	0.20	0.25	20
450450009	warm	COHU1	132	0.20	0.20	0.20	5
450450009	warm	SHRO1	43	0.24	0.20	0.25	20
450790019	cold	450190049	103	0.38	0.33	0.50	20
450790019	cold	450250001	64	0.33	0.33	0.33	15
450790019	cold	ROMA1	107	0.38	0.33	0.50	20
450790019	warm	450190049	103	0.33	0.33	0.33	15
450790019	warm	450250001	64	0.33	0.33	0.33	15
450790019	warm	ROMA1	107	0.50	0.33	1.00	20
460990006	cold	BLMO1	29	0.60	0.50	1.00	25
460990006	cold	OMAH1	98	0.50	0.50	0.50	20
460990006	warm	BLMO1	29	0.50	0.50	0.50	10
460990006	warm	OMAH1	98	0.67	0.50	1.00	15
470370023	cold	010890014	103	0.18	0.17	0.20	20
470370023	cold	011030011	115	0.17	0.17	0.17	5
470370023	cold	212270007	59	0.18	0.17	0.20	20
470370023	cold	470654002	112	0.18	0.17	0.20	20
470370023	cold	470990002	84	0.20	0.20	0.20	5
470370023	cold	CADI1	75	0.18	0.17	0.20	20
470370023	cold	MACA1	74	0.17	0.17	0.17	10
470370023	cold	SIPS1	131	0.18	0.17	0.20	10
470370023	warm	010890014	103	0.15	0.14	0.17	10
470370023	warm	011030011	115	0.14	0.14	0.14	5
470370023	warm	212270007	59	0.15	0.14	0.17	10
470370023	warm	470654002	112	0.15	0.14	0.17	10
470370023	warm	470990002	84	0.17	0.17	0.17	5
470370023	warm	CADI1	75	0.21	0.14	0.33	15
470370023	warm	MACA1	74	0.21	0.14	0.33	15
470370023	warm	SIPS1	131	0.24	0.14	0.33	10
470654002	cold	010890014	77	0.23	0.20	0.25	20
470654002	cold	131150005	54	0.22	0.20	0.25	15
470654002	cold	471650007	115	0.22	0.20	0.25	15
470654002	cold	COHU1	42	0.23	0.20	0.25	20
470654002	cold	GRSM1	87	0.23	0.20	0.25	20
470654002	warm	010890014	77	0.31	0.25	0.33	15
470654002	warm	131150005	54	0.25	0.25	0.25	5
470654002	warm	COHU1	42	0.35	0.25	0.50	20
470654002	warm	GRSM1	87	0.35	0.25	0.50	20
470931020	cold	211250004	75	0.15	0.14	0.17	10
470931020	cold	211930003	95	0.16	0.14	0.17	15
470931020	cold	470654002	105	0.16	0.14	0.17	15
470931020	cold	471631007	84	0.16	0.14	0.17	15

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
470931020	cold	GRSM1	27	0.16	0.14	0.17	15
470931020	cold	MACA1	148	0.15	0.14	0.17	10
470931020	cold	SHRO1	75	0.16	0.14	0.17	15
470931020	warm	211250004	75	0.15	0.14	0.17	15
470931020	warm	211930003	95	0.15	0.14	0.17	15
470931020	warm	370210034	90	0.14	0.14	0.14	5
470931020	warm	470654002	105	0.14	0.14	0.14	10
470931020	warm	471631007	84	0.15	0.14	0.17	10
470931020	warm	GRSM1	27	0.15	0.14	0.17	15
470931020	warm	MACA1	148	0.15	0.14	0.17	15
470931020	warm	SHRO1	75	0.15	0.14	0.17	15
470990002	cold	CADI1	117	0.50	0.50	0.50	15
470990002	cold	SIPS1	54	0.63	0.50	1.00	20
470990002	warm	CADI1	117	0.63	0.50	1.00	20
470990002	warm	SIPS1	54	0.50	0.50	0.50	15
471570047	cold	051190007	131	0.42	0.33	0.50	10
471570047	cold	051450001	96	0.33	0.33	0.33	5
471570047	cold	470990002	144	0.33	0.33	0.33	5
471570047	cold	MING1	125	0.75	0.50	1.00	10
471570047	warm	MING1	125	1.00	1.00	1.00	5
471631007	cold	211930003	64	0.20	0.20	0.20	20
471631007	cold	370210034	65	0.20	0.20	0.20	15
471631007	cold	540391005	134	0.20	0.20	0.20	20
471631007	cold	GRSM1	101	0.20	0.20	0.20	5
471631007	cold	LIGO1	51	0.20	0.20	0.20	20
471631007	cold	SHRO1	81	0.20	0.20	0.20	20
471631007	warm	211930003	64	0.19	0.17	0.20	15
471631007	warm	370210034	65	0.19	0.17	0.20	15
471631007	warm	540391005	134	0.19	0.17	0.20	15
471631007	warm	GRSM1	101	0.17	0.17	0.17	5
471631007	warm	LIGO1	51	0.19	0.17	0.20	15
471631007	warm	SHRO1	81	0.19	0.17	0.20	15
471650007	cold	011030011	124	0.25	0.25	0.25	10
471650007	cold	210590014	103	0.25	0.25	0.25	4
471650007	cold	212270007	50	0.25	0.25	0.25	16
471650007	cold	470990002	94	0.25	0.25	0.25	10
471650007	cold	CADI1	75	0.25	0.25	0.25	20
471650007	cold	MACA1	64	0.25	0.25	0.25	20
471650007	warm	011030011	124	0.25	0.25	0.25	5
471650007	warm	210590014	103	0.25	0.25	0.25	5
471650007	warm	212270007	50	0.25	0.25	0.25	10
471650007	warm	470990002	94	0.25	0.25	0.25	10
471650007	warm	CADI1	75	0.25	0.25	0.25	15
471650007	warm	MACA1	64	0.25	0.25	0.25	15
480430002	cold	480430101	79	0.33	0.33	0.33	8
480430002	cold	482430004	33	0.39	0.33	0.50	12
480430002	cold	BIBE1	79	0.44	0.33	1.00	15
480430002	cold	GUMO1	123	0.50	0.50	0.50	2

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
480430002	warm	480430101	79	0.33	0.33	0.33	4
480430002	warm	482430004	33	0.42	0.33	0.50	8
480430002	warm	BIBE1	79	0.62	0.33	1.00	15
480430002	warm	GUMO1	123	0.50	0.50	0.50	2
480430101	cold	480430002	79	0.50	0.50	0.50	5
480430101	cold	482430004	109	0.50	0.50	0.50	3
480430101	cold	BIBE1	1	0.80	0.50	1.00	20
480430101	warm	480430002	79	0.50	0.50	0.50	8
480430101	warm	BIBE1	1	0.73	0.50	1.00	15
481410044	cold	BOAP1	147	0.25	0.25	0.25	5
481410044	cold	GICL1	145	0.25	0.25	0.25	5
481410044	cold	GUMO1	97	0.25	0.25	0.25	5
481410044	cold	WHIT1	129	0.25	0.25	0.25	5
481410053	cold	BOAP1	147	0.27	0.25	0.33	20
481410053	cold	GICL1	143	0.25	0.25	0.25	15
481410053	cold	GUMO1	100	0.27	0.25	0.33	20
481410053	cold	WHIT1	131	0.27	0.25	0.33	20
481410053	warm	BOAP1	147	0.27	0.25	0.33	20
481410053	warm	GICL1	143	0.27	0.25	0.33	20
481410053	warm	GUMO1	100	0.27	0.25	0.33	20
481410053	warm	WHIT1	131	0.25	0.25	0.25	15
481670014	cold	482450022	53	0.70	0.50	1.00	5
481670014	cold	483611100	87	0.50	0.50	0.50	3
481670014	warm	482450022	53	0.60	0.50	1.00	5
481670014	warm	483611100	87	0.50	0.50	0.50	4
482010024	cold	482450021	85	1.00	1.00	1.00	1
482010024	cold	482450022	61	0.50	0.50	0.50	6
482010024	cold	483611100	89	0.50	0.50	0.50	6
482010024	warm	482450021	85	1.00	1.00	1.00	1
482010024	warm	482450022	61	0.50	0.50	0.50	5
482010024	warm	483611100	89	0.50	0.50	0.50	5
482010026	cold	482450022	49	0.58	0.50	1.00	6
482010026	cold	483611100	79	0.50	0.50	0.50	5
482010026	warm	482450022	49	0.58	0.50	1.00	6
482010026	warm	483611100	79	0.50	0.50	0.50	5
482010055	cold	482450022	72	1.00	1.00	1.00	6
482010055	warm	482450022	72	0.90	0.50	1.00	5
482010055	warm	483611100	103	0.50	0.50	0.50	1
482011034	cold	482450022	55	0.50	0.50	0.50	3
482011034	cold	483611100	86	0.50	0.50	0.50	3
482011034	warm	482450022	55	0.50	0.50	0.50	3
482011034	warm	483611100	86	0.50	0.50	0.50	3
482030002	cold	050030005	133	0.33	0.33	0.33	10
482030002	cold	CACR1	123	0.43	0.33	0.50	25
482030002	cold	SIKE1	110	0.43	0.33	0.50	25
482030002	warm	050030005	133	0.33	0.33	0.33	6
482030002	warm	CACR1	123	0.46	0.33	0.50	25
482030002	warm	SIKE1	110	0.46	0.33	0.50	25

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
482430004	cold	BIBE1	109	0.75	0.50	1.00	10
482430004	cold	GUMO1	91	0.75	0.50	1.00	10
482430004	warm	BIBE1	109	0.67	0.50	1.00	15
482430004	warm	GUMO1	91	0.50	0.50	0.50	10
482570005	cold	482030002	125	1.00	1.00	1.00	12
482570005	warm	482030002	125	1.00	1.00	1.00	8
483030001	cold	SACR1	148	1.00	1.00	1.00	15
483030001	warm	SACR1	148	1.00	1.00	1.00	15
483390078	cold	482450022	74	0.50	0.50	0.50	7
483390078	cold	483611100	93	0.50	0.50	0.50	7
483390078	warm	482450022	74	0.70	0.50	1.00	5
483390078	warm	483611100	93	0.50	0.50	0.50	3
490110004	cold	490494001	40	1.00	1.00	1.00	15
490110004	warm	490494001	40	1.00	1.00	1.00	15
490353006	cold	490494001	29	1.00	1.00	1.00	15
490353006	warm	490494001	29	1.00	1.00	1.00	15
490494001	cold	CAPI1	143	1.00	1.00	1.00	20
490494001	warm	CAPI1	143	1.00	1.00	1.00	20
500070012	cold	360310003	32	0.41	0.33	0.50	11
500070012	cold	BRMA1	126	0.50	0.50	0.50	3
500070012	cold	GRGU1	99	0.43	0.33	0.50	12
500070012	cold	LYBR1	92	0.47	0.33	0.50	30
500070012	cold	PMRF1	17	0.49	0.33	0.50	20
500070012	warm	360310003	32	0.33	0.33	0.33	20
500070012	warm	GRGU1	99	0.33	0.33	0.33	11
500070012	warm	LYBR1	92	0.37	0.33	0.50	25
500070012	warm	PMRF1	17	0.55	0.33	1.00	19
510870014	cold	371830014	135	0.36	0.33	0.50	30
510870014	cold	511390004	97	0.33	0.33	0.33	5
510870014	cold	JARI1	116	0.36	0.33	0.50	30
510870014	cold	SHEN1	87	0.33	0.33	0.33	20
510870014	warm	371830014	135	0.33	0.33	0.33	10
510870014	warm	511390004	97	0.50	0.50	0.50	5
510870014	warm	JARI1	116	0.43	0.33	0.50	25
510870014	warm	SHEN1	87	0.42	0.33	0.50	20
511390004	cold	DOSO1	58	0.29	0.25	0.33	20
511390004	cold	FRRE1	77	0.25	0.25	0.25	10
511390004	cold	JARI1	90	0.29	0.25	0.33	20
511390004	cold	SHEN1	10	0.29	0.25	0.33	20
511390004	warm	DOSO1	58	0.27	0.25	0.33	20
511390004	warm	FRRE1	77	0.27	0.25	0.33	20
511390004	warm	JARI1	90	0.27	0.25	0.33	20
511390004	warm	SHEN1	10	0.25	0.25	0.25	15
515200006	cold	210190017	131	0.13	0.11	0.14	20
515200006	cold	211930003	75	0.13	0.11	0.14	20
515200006	cold	370210034	70	0.12	0.11	0.13	10
515200006	cold	370350004	75	0.13	0.11	0.14	20
515200006	cold	370670022	113	0.13	0.11	0.14	15

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
515200006	cold	470931020	104	0.12	0.11	0.13	10
515200006	cold	540391005	124	0.13	0.11	0.14	20
515200006	cold	LIGO1	46	0.13	0.11	0.14	20
515200006	cold	SHRO1	91	0.13	0.11	0.14	20
515200006	warm	210190017	131	0.12	0.11	0.14	20
515200006	warm	211930003	75	0.12	0.11	0.14	20
515200006	warm	370210034	70	0.12	0.11	0.14	20
515200006	warm	370350004	75	0.12	0.11	0.14	20
515200006	warm	370570002	119	0.11	0.11	0.11	5
515200006	warm	370670022	113	0.12	0.11	0.13	10
515200006	warm	470931020	104	0.11	0.11	0.11	10
515200006	warm	540391005	124	0.12	0.11	0.14	20
515200006	warm	LIGO1	46	0.12	0.11	0.14	20
515200006	warm	SHRO1	91	0.12	0.11	0.14	20
517700014	cold	370350004	131	0.14	0.14	0.14	5
517700014	cold	370570002	101	0.14	0.14	0.14	5
517700014	cold	370670022	80	0.17	0.17	0.17	5
517700014	cold	370810013	80	0.15	0.14	0.17	10
517700014	cold	515200006	129	0.15	0.14	0.17	10
517700014	cold	540390011	124	0.15	0.14	0.17	10
517700014	cold	540391005	121	0.15	0.14	0.17	10
517700014	cold	JARI1	36	0.15	0.14	0.17	10
517700014	warm	370350004	131	0.14	0.14	0.14	5
517700014	warm	370570002	101	0.14	0.14	0.14	5
517700014	warm	370670022	80	0.17	0.17	0.17	5
517700014	warm	370810013	80	0.15	0.14	0.17	10
517700014	warm	515200006	129	0.15	0.14	0.17	10
517700014	warm	540390011	124	0.15	0.14	0.17	10
517700014	warm	540391005	121	0.15	0.14	0.17	10
517700014	warm	JARI1	36	0.15	0.14	0.17	10
530330024	cold	MORA1	69	0.25	0.25	0.25	10
530330024	cold	NOCA1	88	0.25	0.25	0.25	19
530330024	cold	OLYM1	37	0.25	0.25	0.25	20
530330024	cold	PASA1	117	0.25	0.25	0.25	1
530330024	cold	SNPA1	46	0.25	0.25	0.25	15
530330024	cold	WHPA1	89	0.25	0.25	0.25	15
530330024	warm	MORA1	69	0.25	0.25	0.25	20
530330024	warm	NOCA1	88	0.25	0.25	0.25	20
530330024	warm	OLYM1	37	0.25	0.25	0.25	20
530330024	warm	SNPA1	46	0.25	0.25	0.25	20
530330057	cold	MORA1	57	0.25	0.25	0.33	20
530330057	cold	NOCA1	100	0.25	0.25	0.25	19
530330057	cold	OLYM1	43	0.25	0.25	0.33	20
530330057	cold	SNPA1	44	0.25	0.25	0.33	20
530330057	warm	MORA1	57	0.25	0.25	0.25	15
530330057	warm	NOCA1	100	0.25	0.25	0.25	15
530330057	warm	OLYM1	43	0.25	0.25	0.25	15
530330057	warm	SNPA1	44	0.25	0.25	0.25	10

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
530330057	warm	WHPA1	79	0.25	0.25	0.25	5
530330080	cold	COGO1	138	0.20	0.20	0.20	5
530330080	cold	MORA1	57	0.26	0.25	0.33	35
530330080	cold	NOCA1	99	0.25	0.20	0.33	39
530330080	cold	OLYM1	43	0.24	0.20	0.25	35
530330080	cold	PASA1	124	0.25	0.25	0.25	1
530330080	cold	SNPA1	43	0.25	0.20	0.33	35
530330080	cold	WHPA1	79	0.23	0.20	0.25	10
530330080	warm	COGO1	138	0.20	0.20	0.20	1
530330080	warm	MORA1	57	0.26	0.25	0.50	29
530330080	warm	NOCA1	99	0.25	0.20	0.25	29
530330080	warm	OLYM1	43	0.25	0.20	0.25	29
530330080	warm	PASA1	124	0.50	0.50	0.50	1
530330080	warm	SNPA1	43	0.25	0.20	0.25	29
530330080	warm	WHPA1	79	0.20	0.20	0.20	1
530630016	cold	300530018	98	0.33	0.33	0.33	10
530630016	cold	CABI1	81	0.33	0.33	0.33	10
530630016	cold	PASA1	129	0.33	0.33	0.33	5
530630016	cold	SPOK1	29	0.33	0.33	0.33	5
530630016	warm	300530018	98	0.33	0.33	0.33	10
530630016	warm	CABI1	81	0.33	0.33	0.33	10
530630016	warm	PASA1	129	0.33	0.33	0.33	5
530630016	warm	SPOK1	29	0.33	0.33	0.33	5
540390011	cold	390870010	53	0.20	0.20	0.20	10
540390011	cold	540511002	114	0.20	0.20	0.20	10
540390011	cold	DOSO1	130	0.30	0.20	0.33	35
540390011	cold	JARI1	131	0.30	0.20	0.33	35
540390011	cold	QUCI1	105	0.30	0.20	0.33	35
540390011	warm	390870010	53	0.22	0.20	0.25	15
540390011	warm	540511002	114	0.20	0.20	0.20	10
540390011	warm	DOSO1	130	0.28	0.20	0.33	30
540390011	warm	JARI1	131	0.28	0.20	0.33	30
540390011	warm	QUCI1	105	0.28	0.20	0.33	30
540391005	cold	390870010	54	0.22	0.20	0.25	15
540391005	cold	540511002	119	0.20	0.20	0.20	10
540391005	cold	DOSO1	133	0.25	0.20	0.33	20
540391005	cold	JARI1	129	0.25	0.20	0.33	20
540391005	cold	QUCI1	111	0.25	0.20	0.33	20
540391005	warm	211930003	112	0.17	0.17	0.17	5
540391005	warm	390870010	54	0.20	0.17	0.25	20
540391005	warm	540511002	119	0.19	0.17	0.20	15
540391005	warm	DOSO1	133	0.20	0.17	0.25	20
540391005	warm	JARI1	129	0.20	0.17	0.25	20
540391005	warm	QUCI1	111	0.20	0.17	0.25	20
540511002	cold	DOSO1	90	0.50	0.50	0.50	10
540511002	cold	FRRE1	93	0.50	0.50	0.50	5
540511002	cold	QUCI1	32	0.50	0.50	0.50	15
540511002	warm	DOSO1	90	0.50	0.50	0.50	20

Table A-3: Summary of the Weights Applied to the Chemical Speciation Network and IMPROVE Data to Calculate Regional Pollutant Concentrations at Sites within the Chemical Speciation Network

CSN Site	Season	Site Used in Interpolation	Distance from CSN Site (miles)	Average Weight	Minimum Weight	Maximum Weight	Number of Times Used in Interpolation
540511002	warm	QUCI1	32	0.50	0.50	0.50	20
550270007	cold	GRRI1	148	1.00	1.00	1.00	39
550270007	warm	GRRI1	148	1.00	1.00	1.00	30
550590019	cold	180390003	111	0.75	0.50	1.00	10
550590019	cold	260050003	87	0.75	0.50	1.00	10
550590019	warm	180390003	111	0.50	0.50	0.50	5
550590019	warm	260050003	87	0.63	0.50	1.00	20
550590019	warm	260770008	117	0.50	0.50	0.50	5
550590019	warm	550270007	74	0.50	0.50	0.50	5
550710007	cold	260050003	120	0.33	0.33	0.33	15
550710007	cold	261130001	136	0.33	0.33	0.33	15
550710007	cold	550270007	67	0.33	0.33	0.33	15
550710007	warm	260050003	120	0.42	0.33	0.50	10
550710007	warm	261130001	136	0.33	0.33	0.33	5
550710007	warm	550270007	67	0.42	0.33	0.50	10
550790026	cold	260050003	92	0.27	0.25	0.33	20
550790026	cold	260810020	113	0.33	0.33	0.33	5
550790026	cold	550270007	40	0.55	0.25	1.00	40
550790026	cold	550590019	39	0.28	0.25	0.33	25
550790026	cold	550710007	76	0.25	0.25	0.25	15
550790026	warm	170434002	90	0.33	0.33	0.33	5
550790026	warm	260050003	92	0.29	0.25	0.33	20
550790026	warm	550270007	40	0.53	0.25	1.00	30
550790026	warm	550590019	39	0.28	0.25	0.33	15
550790026	warm	550710007	76	0.25	0.25	0.25	10
551198001	cold	GRRI1	96	1.00	1.00	1.00	19
551198001	warm	GRRI1	96	1.00	1.00	1.00	15
551330027	cold	550270007	33	0.42	0.33	0.50	20
551330027	cold	550590019	41	0.42	0.33	0.50	20
551330027	cold	550710007	83	0.33	0.33	0.33	10
551330027	warm	260050003	106	0.33	0.33	0.33	5
551330027	warm	550270007	33	0.33	0.33	0.33	15
551330027	warm	550590019	41	0.33	0.33	0.33	15
551330027	warm	550710007	83	0.33	0.33	0.33	10

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
010730023	cold	Carbon	4.7	17.5	12.8
010730023	cold	Crustal	0.8	2.7	1.8
010730023	cold	Nitrate	1.4	2.2	0.8
010730023	cold	Sulfate	8.7	12.0	3.5
010730023	warm	Carbon	10.3	20.9	10.5
010730023	warm	Crustal	0.9	2.3	1.4
010730023	warm	Nitrate	0.6	0.9	0.4
010730023	warm	Sulfate	21.3	25.5	4.4
010731009	cold	Carbon	7.8	9.5	1.8
010731009	cold	Crustal	0.8	0.5	0.0
010731009	cold	Nitrate	0.7	0.5	0.0
010731009	cold	Sulfate	12.5	10.3	0.0
010731009	warm	Carbon	8.6	13.3	4.7
010731009	warm	Crustal	0.9	0.7	0.1
010731009	warm	Nitrate	0.5	0.2	0.0
010731009	warm	Sulfate	24.3	26.1	3.5
010732003	cold	Carbon	8.6	14.4	5.7
010732003	cold	Crustal	1.1	7.4	6.3
010732003	cold	Nitrate	1.0	1.3	0.3
010732003	cold	Sulfate	7.6	7.5	0.4
010732003	warm	Carbon	10.2	17.3	7.1
010732003	warm	Crustal	0.9	1.6	0.8
010732003	warm	Nitrate	0.5	0.9	0.4
010732003	warm	Sulfate	21.8	23.7	2.6
010890014	cold	Carbon	5.2	5.5	1.3
010890014	cold	Crustal	0.6	0.4	0.0
010890014	cold	Nitrate	0.5	0.9	0.4
010890014	cold	Sulfate	12.5	16.5	4.0
010890014	warm	Carbon	8.8	9.3	1.9
010890014	warm	Crustal	1.0	1.1	0.3
010890014	warm	Nitrate	0.4	0.8	0.4
010890014	warm	Sulfate	20.2	24.2	4.3
010970003	cold	Carbon	11.0	10.1	1.4
010970003	cold	Crustal	0.8	0.7	0.0
010970003	cold	Nitrate	1.4	0.7	0.0
010970003	cold	Sulfate	15.5	13.0	0.1
010970003	warm	Carbon	11.1	11.6	1.1
010970003	warm	Crustal	0.9	0.8	0.0
010970003	warm	Nitrate	0.8	0.3	0.0
010970003	warm	Sulfate	14.7	18.0	3.8
011030011	cold	Carbon	4.0	6.3	2.2
011030011	cold	Crustal	0.7	0.5	0.0
011030011	cold	Nitrate	0.6	0.6	0.0
011030011	cold	Sulfate	9.4	10.0	0.8
011030011	warm	Carbon	9.9	7.3	0.6
011030011	warm	Crustal	1.0	0.5	0.0
011030011	warm	Nitrate	0.4	0.5	0.3
011030011	warm	Sulfate	21.1	23.9	3.3
040130019	cold	Carbon	1.0	29.1	28.1

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
040130019	cold	Crustal	1.2	4.9	3.7
040130019	cold	Nitrate	0.4	7.4	7.0
040130019	cold	Sulfate	0.8	1.7	0.8
040130019	warm	Carbon	1.4	12.0	10.6
040130019	warm	Crustal	1.5	3.4	1.9
040130019	warm	Nitrate	0.3	0.7	0.4
040130019	warm	Sulfate	2.4	2.2	0.2
040139997	cold	Carbon	1.0	22.0	21.0
040139997	cold	Crustal	1.2	2.4	1.2
040139997	cold	Nitrate	0.4	6.7	6.2
040139997	cold	Sulfate	0.8	1.3	0.5
040139997	warm	Carbon	1.5	7.6	6.1
040139997	warm	Crustal	1.5	2.3	0.9
040139997	warm	Nitrate	0.3	0.7	0.4
040139997	warm	Sulfate	2.2	2.4	0.3
040191028	cold	Carbon	1.2	6.0	4.8
040191028	cold	Crustal	0.8	1.5	0.8
040191028	cold	Nitrate	1.8	4.4	2.6
040191028	cold	Sulfate	0.8	1.1	0.3
040191028	warm	Carbon	1.8	2.0	0.3
040191028	warm	Crustal	2.3	2.1	0.0
040191028	warm	Nitrate	0.4	0.4	0.0
040191028	warm	Sulfate	2.8	3.0	0.3
050030005	cold	Carbon	3.9	9.2	5.3
050030005	cold	Crustal	0.4	0.8	0.5
050030005	cold	Nitrate	0.9	1.8	0.9
050030005	cold	Sulfate	6.5	7.9	1.4
050030005	warm	Carbon	4.5	16.2	11.7
050030005	warm	Crustal	0.7	1.0	0.4
050030005	warm	Nitrate	0.2	0.7	0.5
050030005	warm	Sulfate	4.7	3.8	0.0
051190007	cold	Carbon	3.9	12.9	9.1
051190007	cold	Crustal	1.1	2.4	1.4
051190007	cold	Nitrate	2.3	4.6	2.3
051190007	cold	Sulfate	6.2	7.4	1.3
051190007	warm	Carbon	5.0	11.9	6.9
051190007	warm	Crustal	1.0	1.5	0.6
051190007	warm	Nitrate	0.2	0.8	0.6
051190007	warm	Sulfate	12.3	17.1	4.8
051450001	cold	Carbon	3.3	10.0	6.7
051450001	cold	Crustal	0.8	0.4	0.0
051450001	cold	Nitrate	2.4	3.4	1.3
051450001	cold	Sulfate	8.4	8.1	0.0
051450001	warm	Carbon	5.0	10.0	5.0
051450001	warm	Crustal	1.2	1.6	0.5
051450001	warm	Nitrate	0.2	0.6	0.4
051450001	warm	Sulfate	9.7	13.5	3.8
060070002	cold	Carbon	3.2	44.5	41.4
060070002	cold	Crustal	0.3	0.5	0.2

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
060070002	cold	Nitrate	2.2	17.0	14.7
060070002	cold	Sulfate	0.6	1.8	1.1
060070002	warm	Carbon	2.6	8.8	6.2
060070002	warm	Crustal	1.1	0.9	0.3
060070002	warm	Nitrate	0.6	1.7	1.2
060070002	warm	Sulfate	2.3	3.4	1.1
060190008	cold	Carbon	3.8	20.6	16.8
060190008	cold	Crustal	0.4	0.7	0.3
060190008	cold	Nitrate	9.2	38.3	29.1
060190008	cold	Sulfate	1.3	4.0	2.7
060190008	warm	Carbon	2.9	8.8	5.9
060190008	warm	Crustal	1.8	2.2	0.4
060190008	warm	Nitrate	1.2	4.7	3.4
060190008	warm	Sulfate	2.4	4.2	1.8
060250005	cold	Carbon	2.0	23.3	21.4
060250005	cold	Crustal	0.4	5.7	5.2
060250005	cold	Nitrate	5.4	14.4	9.1
060250005	cold	Sulfate	1.6	2.4	0.8
060250005	warm	Carbon	1.1	6.4	5.3
060250005	warm	Crustal	1.2	5.9	4.7
060250005	warm	Nitrate	0.5	1.0	0.5
060250005	warm	Sulfate	1.6	4.6	3.0
060290014	cold	Carbon	1.4	20.0	18.6
060290014	cold	Crustal	0.3	1.7	1.4
060290014	cold	Nitrate	5.4	47.1	41.7
060290014	cold	Sulfate	0.9	5.5	4.6
060290014	warm	Carbon	2.6	11.8	9.2
060290014	warm	Crustal	1.4	2.2	0.8
060290014	warm	Nitrate	1.1	2.1	1.1
060290014	warm	Sulfate	2.9	5.0	2.0
060371103	cold	Carbon	4.7	12.5	7.8
060371103	cold	Crustal	0.8	1.0	0.3
060371103	cold	Nitrate	6.7	41.6	34.9
060371103	cold	Sulfate	3.7	11.7	8.0
060371103	warm	Carbon	3.1	6.1	3.0
060371103	warm	Crustal	1.0	0.6	0.0
060371103	warm	Nitrate	3.4	16.8	13.4
060371103	warm	Sulfate	5.7	15.7	10.0
060631009	cold	Carbon	0.6	28.1	27.5
060631009	cold	Crustal	0.2	0.6	0.5
060631009	cold	Nitrate	0.2	3.5	3.3
060631009	cold	Sulfate	0.5	1.0	0.5
060631009	warm	Carbon	1.7	5.4	3.7
060631009	warm	Crustal	0.5	0.8	0.2
060631009	warm	Nitrate	0.4	0.4	0.1
060631009	warm	Sulfate	1.7	1.9	0.2
060658001	cold	Carbon	1.7	14.4	12.7
060658001	cold	Crustal	0.7	1.4	0.8
060658001	cold	Nitrate	3.1	44.4	41.3

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
060658001	cold	Sulfate	2.0	9.0	7.0
060658001	warm	Carbon	2.0	12.6	10.6
060658001	warm	Crustal	0.9	0.9	0.3
060658001	warm	Nitrate	3.3	27.7	24.4
060658001	warm	Sulfate	3.8	10.0	6.2
060670006	cold	Carbon	9.7	28.7	19.0
060670006	cold	Crustal	0.3	0.6	0.3
060670006	cold	Nitrate	5.1	12.6	7.5
060670006	cold	Sulfate	1.0	1.5	0.6
060670006	warm	Carbon	2.3	6.9	4.7
060670006	warm	Crustal	0.6	1.0	0.4
060670006	warm	Nitrate	0.5	1.4	1.0
060670006	warm	Sulfate	1.6	2.9	1.3
060670010	cold	Carbon	14.9	18.8	4.7
060670010	cold	Crustal	0.4	0.6	0.2
060670010	cold	Nitrate	12.4	22.8	10.4
060670010	cold	Sulfate	1.7	2.3	0.6
060670010	warm	Carbon	4.4	9.3	5.0
060670010	warm	Crustal	0.8	0.8	0.1
060670010	warm	Nitrate	1.3	2.2	1.0
060670010	warm	Sulfate	2.0	2.9	0.9
060730003	cold	Carbon	4.9	17.0	12.2
060730003	cold	Crustal	1.3	0.7	0.1
060730003	cold	Nitrate	9.1	16.3	7.6
060730003	cold	Sulfate	2.9	6.0	3.2
060730003	warm	Carbon	4.0	3.5	0.5
060730003	warm	Crustal	1.4	0.4	0.0
060730003	warm	Nitrate	4.0	8.7	4.9
060730003	warm	Sulfate	6.3	10.4	4.1
060731002	cold	Carbon	8.8	13.8	5.0
060731002	cold	Crustal	2.5	0.7	0.0
060731002	cold	Nitrate	11.3	15.1	5.1
060731002	cold	Sulfate	4.1	5.7	1.6
060731002	warm	Carbon	4.6	5.7	2.0
060731002	warm	Crustal	2.2	1.2	0.0
060731002	warm	Nitrate	3.7	5.4	1.8
060731002	warm	Sulfate	4.6	7.5	2.9
060850005	cold	Carbon	5.5	22.9	17.4
060850005	cold	Crustal	0.3	1.1	0.8
060850005	cold	Nitrate	7.2	15.2	8.0
060850005	cold	Sulfate	2.3	5.6	3.3
060850005	warm	Carbon	2.7	9.3	6.6
060850005	warm	Crustal	0.5	0.8	0.2
060850005	warm	Nitrate	1.2	4.0	2.8
060850005	warm	Sulfate	2.0	3.2	1.3
060990005	cold	Carbon	3.6	23.8	20.2
060990005	cold	Crustal	0.3	1.0	0.7
060990005	cold	Nitrate	6.6	32.1	25.6
060990005	cold	Sulfate	1.0	2.7	1.7

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
060990005	warm	Carbon	3.1	6.5	3.5
060990005	warm	Crustal	0.9	1.1	0.4
060990005	warm	Nitrate	1.0	1.9	0.9
060990005	warm	Sulfate	2.4	3.0	0.6
061072002	cold	Carbon	1.1	15.9	14.8
061072002	cold	Crustal	0.3	0.7	0.4
061072002	cold	Nitrate	2.0	37.9	35.9
061072002	cold	Sulfate	0.7	4.0	3.4
061072002	warm	Carbon	2.5	10.3	7.7
061072002	warm	Crustal	1.3	2.1	0.8
061072002	warm	Nitrate	0.6	5.6	5.1
061072002	warm	Sulfate	3.3	5.4	2.1
061112002	cold	Carbon	4.3	9.8	5.6
061112002	cold	Crustal	0.7	0.6	0.1
061112002	cold	Nitrate	3.7	11.8	8.2
061112002	cold	Sulfate	2.6	5.2	2.6
061112002	warm	Carbon	2.4	7.4	5.0
061112002	warm	Crustal	0.8	0.4	0.0
061112002	warm	Nitrate	1.4	8.6	7.3
061112002	warm	Sulfate	3.1	10.6	7.5
080010006	cold	Carbon	0.9	11.1	10.2
080010006	cold	Crustal	0.3	1.7	1.5
080010006	cold	Nitrate	1.6	10.5	8.9
080010006	cold	Sulfate	0.8	3.5	2.7
080010006	warm	Carbon	2.1	7.5	5.4
080010006	warm	Crustal	1.2	2.7	1.5
080010006	warm	Nitrate	0.2	0.5	0.3
080010006	warm	Sulfate	1.3	2.3	0.9
080410011	cold	Carbon	1.4	8.6	7.2
080410011	cold	Crustal	0.2	1.0	0.7
080410011	cold	Nitrate	1.5	4.5	3.1
080410011	cold	Sulfate	0.4	2.5	2.1
080410011	warm	Carbon	1.7	13.4	11.7
080410011	warm	Crustal	1.0	1.5	0.4
080410011	warm	Nitrate	0.5	0.7	0.2
080410011	warm	Sulfate	1.4	2.3	0.9
080770017	cold	Carbon	0.6	12.9	12.4
080770017	cold	Crustal	0.2	1.0	0.8
080770017	cold	Nitrate	0.4	10.7	10.4
080770017	cold	Sulfate	0.5	1.7	1.2
080770017	warm	Carbon	2.1	10.1	8.0
080770017	warm	Crustal	0.9	1.8	0.9
080770017	warm	Nitrate	0.2	0.4	0.2
080770017	warm	Sulfate	1.5	2.2	0.6
081230008	cold	Carbon	0.2	6.6	6.4
081230008	cold	Crustal	0.1	0.6	0.6
081230008	cold	Nitrate	0.0	9.3	9.3
081230008	cold	Sulfate	0.3	2.0	1.7
081230008	warm	Carbon	1.5	6.4	4.9

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
081230008	warm	Crustal	0.7	3.8	3.1
081230008	warm	Nitrate	0.1	1.2	1.1
081230008	warm	Sulfate	1.3	2.7	1.3
090090027	cold	Carbon	4.9	13.5	8.6
090090027	cold	Crustal	0.5	0.8	0.3
090090027	cold	Nitrate	4.2	7.9	3.8
090090027	cold	Sulfate	6.5	8.3	1.9
090090027	warm	Carbon	5.4	10.2	4.9
090090027	warm	Crustal	0.9	0.5	0.0
090090027	warm	Nitrate	0.5	1.6	1.1
090090027	warm	Sulfate	26.1	28.1	2.6
090091123	cold	Carbon	2.1	7.5	5.5
090091123	cold	Crustal	0.4	0.7	0.2
090091123	cold	Nitrate	2.4	7.8	5.4
090091123	cold	Sulfate	3.2	6.4	3.2
110010042	cold	Carbon	4.4	14.5	10.2
110010042	cold	Crustal	0.7	0.7	0.2
110010042	cold	Nitrate	6.2	7.3	3.1
110010042	cold	Sulfate	9.0	10.9	3.2
110010042	warm	Carbon	5.3	11.0	5.6
110010042	warm	Crustal	1.3	1.6	0.5
110010042	warm	Nitrate	0.6	1.0	0.4
110010042	warm	Sulfate	18.6	24.5	5.9
110010043	cold	Carbon	4.8	10.1	5.3
110010043	cold	Crustal	0.5	0.7	0.3
110010043	cold	Nitrate	7.7	12.1	4.4
110010043	cold	Sulfate	8.5	11.3	3.2
110010043	warm	Carbon	4.9	10.7	5.7
110010043	warm	Crustal	1.2	0.9	0.2
110010043	warm	Nitrate	0.6	1.0	0.4
110010043	warm	Sulfate	19.9	26.7	6.9
120330004	cold	Carbon	9.3	9.0	0.5
120330004	cold	Crustal	0.7	0.7	0.1
120330004	cold	Nitrate	0.6	0.7	0.2
120330004	cold	Sulfate	13.7	12.7	0.4
120330004	warm	Carbon	13.6	12.1	0.1
120330004	warm	Crustal	0.8	0.9	0.2
120330004	warm	Nitrate	0.3	0.4	0.1
120330004	warm	Sulfate	17.9	19.5	2.2
120573002	cold	Carbon	3.2	4.6	1.3
120573002	cold	Crustal	1.0	0.5	0.0
120573002	cold	Nitrate	0.5	1.7	1.2
120573002	cold	Sulfate	12.3	14.4	2.1
120573002	warm	Carbon	3.6	5.3	1.7
120573002	warm	Crustal	0.7	0.2	0.0
120573002	warm	Nitrate	0.2	1.0	0.7
120573002	warm	Sulfate	27.6	25.3	0.0
120730012	cold	Carbon	5.4	15.7	10.7
120730012	cold	Crustal	0.4	0.7	0.3

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
120730012	cold	Nitrate	0.8	1.1	0.4
120730012	cold	Sulfate	5.6	5.2	0.0
120730012	warm	Carbon	5.9	10.6	4.7
120730012	warm	Crustal	0.8	0.7	0.1
120730012	warm	Nitrate	0.2	0.2	0.1
120730012	warm	Sulfate	18.3	17.6	0.5
130210007	cold	Carbon	19.4	18.3	0.0
130210007	cold	Crustal	1.0	2.2	1.3
130210007	cold	Nitrate	1.1	1.5	0.4
130210007	cold	Sulfate	11.0	10.2	0.0
130210007	warm	Carbon	9.8	11.6	1.8
130210007	warm	Crustal	0.8	1.3	0.5
130210007	warm	Nitrate	0.4	0.6	0.2
130210007	warm	Sulfate	16.9	18.5	1.7
130510017	cold	Carbon	6.1	13.7	7.5
130510017	cold	Crustal	0.7	2.5	1.8
130510017	cold	Nitrate	0.7	0.9	0.2
130510017	cold	Sulfate	3.8	4.7	1.0
130510017	warm	Carbon	5.4	9.2	3.9
130510017	warm	Crustal	0.7	0.7	0.1
130510017	warm	Nitrate	0.6	0.8	0.2
130510017	warm	Sulfate	17.6	17.7	2.0
130590001	cold	Carbon	4.2	6.3	2.1
130590001	cold	Crustal	0.3	0.2	0.0
130590001	cold	Nitrate	2.9	5.9	3.0
130590001	cold	Sulfate	7.2	7.7	0.7
130590001	warm	Carbon	7.6	8.9	1.3
130590001	warm	Crustal	0.9	0.8	0.0
130590001	warm	Nitrate	0.5	2.5	2.0
130590001	warm	Sulfate	13.9	17.0	3.1
130890002	cold	Carbon	9.2	15.9	6.7
130890002	cold	Crustal	1.5	1.0	0.0
130890002	cold	Nitrate	1.4	2.3	1.0
130890002	cold	Sulfate	9.5	10.7	1.7
130890002	warm	Carbon	9.6	13.4	3.9
130890002	warm	Crustal	1.4	0.9	0.0
130890002	warm	Nitrate	0.5	0.6	0.2
130890002	warm	Sulfate	17.3	20.5	3.4
131150005	cold	Carbon	5.2	15.0	9.8
131150005	cold	Crustal	0.7	2.6	1.9
131150005	cold	Nitrate	1.9	3.0	1.1
131150005	cold	Sulfate	6.5	7.2	0.7
131150005	warm	Carbon	6.8	14.6	7.9
131150005	warm	Crustal	1.0	1.7	0.7
131150005	warm	Nitrate	0.3	0.6	0.3
131150005	warm	Sulfate	21.2	18.0	0.1
132150011	cold	Carbon	7.5	10.6	3.4
132150011	cold	Crustal	0.6	0.4	0.0
132150011	cold	Nitrate	1.2	1.3	0.2

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
132150011	cold	Sulfate	8.6	9.6	1.0
132150011	warm	Carbon	11.0	11.9	1.4
132150011	warm	Crustal	1.0	0.7	0.0
132150011	warm	Nitrate	0.7	0.6	0.0
132150011	warm	Sulfate	12.3	16.6	4.3
132450091	cold	Carbon	11.8	17.3	5.5
132450091	cold	Crustal	0.8	0.9	0.2
132450091	cold	Nitrate	3.0	3.2	0.6
132450091	cold	Sulfate	6.0	6.9	1.3
132450091	warm	Carbon	8.9	11.3	2.5
132450091	warm	Crustal	1.1	0.5	0.0
132450091	warm	Nitrate	0.4	0.4	0.0
132450091	warm	Sulfate	12.7	18.1	5.5
160270004	cold	Carbon	1.3	10.1	8.7
160270004	cold	Crustal	0.1	0.4	0.3
160270004	cold	Nitrate	3.9	24.2	20.3
160270004	cold	Sulfate	0.8	8.8	7.9
160270004	warm	Carbon	5.1	8.8	3.7
160270004	warm	Crustal	1.1	1.5	0.5
160270004	warm	Nitrate	0.2	0.9	0.7
160270004	warm	Sulfate	0.8	1.2	0.4
170310057	cold	Carbon	6.9	12.5	5.5
170310057	cold	Crustal	0.8	0.7	0.1
170310057	cold	Nitrate	18.2	19.8	2.2
170310057	cold	Sulfate	7.6	8.3	0.7
170310057	warm	Carbon	6.9	7.2	0.9
170310057	warm	Crustal	0.9	1.1	0.3
170310057	warm	Nitrate	1.5	1.7	0.3
170310057	warm	Sulfate	23.6	26.1	3.5
170310076	cold	Carbon	5.6	18.7	13.2
170310076	cold	Crustal	0.7	0.7	0.1
170310076	cold	Nitrate	17.2	14.0	0.5
170310076	cold	Sulfate	7.7	7.0	0.0
170310076	warm	Carbon	5.0	10.5	5.5
170310076	warm	Crustal	1.0	1.4	0.5
170310076	warm	Nitrate	2.2	2.0	0.0
170310076	warm	Sulfate	29.0	28.3	0.5
170314201	cold	Carbon	7.5	7.2	1.3
170314201	cold	Crustal	1.0	0.5	0.0
170314201	cold	Nitrate	17.6	18.1	0.8
170314201	cold	Sulfate	7.8	8.7	1.1
170314201	warm	Carbon	4.9	6.1	1.2
170314201	warm	Crustal	0.9	1.0	0.3
170314201	warm	Nitrate	1.3	1.3	0.1
170314201	warm	Sulfate	25.0	27.1	2.3
170434002	cold	Carbon	4.8	7.8	3.3
170434002	cold	Crustal	0.7	0.5	0.0
170434002	cold	Nitrate	17.2	19.8	3.0
170434002	cold	Sulfate	7.1	8.2	1.1

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
170434002	warm	Carbon	4.9	8.3	3.4
170434002	warm	Crustal	0.9	0.5	0.0
170434002	warm	Nitrate	1.2	1.9	0.7
170434002	warm	Sulfate	24.9	26.4	3.0
171150013	cold	Carbon	3.4	10.8	7.4
171150013	cold	Crustal	0.5	0.6	0.1
171150013	cold	Nitrate	7.1	8.1	1.0
171150013	cold	Sulfate	6.1	6.9	0.8
171150013	warm	Carbon	4.1	5.6	1.4
171150013	warm	Crustal	1.0	1.0	0.4
171150013	warm	Nitrate	0.8	1.2	0.4
171150013	warm	Sulfate	25.7	25.8	1.5
171192009	cold	Carbon	2.7	3.5	1.2
171192009	cold	Crustal	0.5	0.4	0.0
171192009	cold	Nitrate	10.3	12.3	2.6
171192009	cold	Sulfate	6.0	7.9	1.9
171192009	warm	Carbon	6.4	13.1	6.7
171192009	warm	Crustal	1.6	0.8	0.0
171192009	warm	Nitrate	0.7	1.3	0.6
171192009	warm	Sulfate	30.2	30.7	0.5
180030004	cold	Carbon	4.3	4.4	0.3
180030004	cold	Crustal	0.6	0.4	0.0
180030004	cold	Nitrate	11.4	16.2	4.8
180030004	cold	Sulfate	6.0	6.0	0.4
180030004	warm	Carbon	8.9	8.7	0.4
180030004	warm	Crustal	1.1	0.8	0.2
180030004	warm	Nitrate	0.9	1.4	0.5
180030004	warm	Sulfate	15.5	17.7	2.2
180372001	cold	Carbon	2.4	1.9	0.0
180372001	cold	Crustal	0.8	0.3	0.0
180372001	cold	Nitrate	7.9	12.1	4.2
180372001	cold	Sulfate	14.7	16.0	1.3
180372001	warm	Carbon	4.6	8.0	3.3
180372001	warm	Crustal	0.7	0.3	0.0
180372001	warm	Nitrate	0.5	1.9	1.5
180372001	warm	Sulfate	25.8	40.4	14.6
180390003	cold	Carbon	5.5	11.4	5.9
180390003	cold	Crustal	0.5	0.7	0.3
180390003	cold	Nitrate	12.9	19.3	6.4
180390003	cold	Sulfate	11.8	11.0	0.3
180390003	warm	Carbon	8.9	7.8	0.0
180390003	warm	Crustal	0.5	0.6	0.1
180390003	warm	Nitrate	1.4	3.6	2.2
180390003	warm	Sulfate	31.8	31.9	0.1
180650003	cold	Carbon	2.7	4.3	2.0
180650003	cold	Crustal	0.5	0.4	0.0
180650003	cold	Nitrate	9.4	13.6	4.2
180650003	cold	Sulfate	7.4	9.3	2.0
180650003	warm	Carbon	4.7	7.5	2.9

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
180650003	warm	Crustal	0.6	0.6	0.3
180650003	warm	Nitrate	1.1	1.3	0.4
180650003	warm	Sulfate	25.4	23.4	2.2
180890022	cold	Carbon	3.7	23.5	19.8
180890022	cold	Crustal	0.4	2.5	2.0
180890022	cold	Nitrate	7.4	6.7	1.2
180890022	cold	Sulfate	4.7	10.7	6.3
180890022	warm	Carbon	4.8	11.5	6.7
180890022	warm	Crustal	0.9	1.6	0.7
180890022	warm	Nitrate	1.2	1.8	0.8
180890022	warm	Sulfate	20.8	23.7	2.9
180892004	cold	Carbon	7.9	8.7	1.5
180892004	cold	Crustal	0.9	1.0	0.3
180892004	cold	Nitrate	16.2	15.7	1.2
180892004	cold	Sulfate	8.2	9.1	1.1
180892004	warm	Carbon	7.2	6.8	0.6
180892004	warm	Crustal	0.9	1.1	0.2
180892004	warm	Nitrate	1.8	1.4	0.2
180892004	warm	Sulfate	23.7	24.6	1.5
180970078	cold	Carbon	3.4	5.7	2.4
180970078	cold	Crustal	0.6	0.7	0.2
180970078	cold	Nitrate	8.2	9.8	1.8
180970078	cold	Sulfate	12.5	17.1	4.6
180970078	warm	Carbon	6.8	9.1	2.3
180970078	warm	Crustal	0.8	0.7	0.1
180970078	warm	Nitrate	1.2	1.2	0.4
180970078	warm	Sulfate	24.3	27.8	3.8
181411008	cold	Carbon	5.1	4.8	0.2
181411008	cold	Crustal	0.5	0.5	0.0
181411008	cold	Nitrate	14.9	18.2	3.3
181411008	cold	Sulfate	6.5	6.9	0.5
181411008	warm	Carbon	13.8	13.2	0.0
181411008	warm	Crustal	1.0	0.6	0.0
181411008	warm	Nitrate	1.4	0.8	0.0
181411008	warm	Sulfate	13.3	10.7	0.0
181630012	cold	Carbon	2.5	4.0	1.4
181630012	cold	Crustal	0.3	0.2	0.0
181630012	cold	Nitrate	8.5	9.8	1.3
181630012	cold	Sulfate	7.3	9.2	2.0
181630012	warm	Carbon	5.1	8.3	3.2
181630012	warm	Crustal	0.7	0.8	0.2
181630012	warm	Nitrate	1.0	0.9	0.1
181630012	warm	Sulfate	20.6	25.2	4.6
191130037	cold	Carbon	2.8	6.0	3.2
191130037	cold	Crustal	0.4	0.3	0.0
191130037	cold	Nitrate	14.6	21.3	6.7
191130037	cold	Sulfate	3.8	6.6	2.8
191130037	warm	Carbon	5.6	7.0	2.2
191130037	warm	Crustal	1.2	0.8	0.0

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
191130037	warm	Nitrate	0.8	1.2	0.4
191130037	warm	Sulfate	16.4	23.5	7.1
191530030	cold	Carbon	3.3	5.1	2.1
191530030	cold	Crustal	0.5	0.8	0.4
191530030	cold	Nitrate	16.9	17.9	1.1
191530030	cold	Sulfate	4.6	5.2	0.6
191530030	warm	Carbon	4.5	7.0	2.5
191530030	warm	Crustal	1.3	1.4	0.1
191530030	warm	Nitrate	0.7	0.8	0.1
191530030	warm	Sulfate	13.9	11.7	0.0
191630015	cold	Carbon	3.0	5.7	2.7
191630015	cold	Crustal	0.4	0.8	0.4
191630015	cold	Nitrate	20.6	20.5	2.7
191630015	cold	Sulfate	7.1	9.2	2.1
191630015	warm	Carbon	6.3	6.5	0.7
191630015	warm	Crustal	1.0	0.7	0.1
191630015	warm	Nitrate	1.0	1.1	0.3
191630015	warm	Sulfate	22.1	25.7	3.9
201730010	cold	Carbon	3.9	13.2	9.3
201730010	cold	Crustal	0.7	0.9	0.2
201730010	cold	Nitrate	9.4	9.0	1.2
201730010	cold	Sulfate	4.4	2.8	0.2
201730010	warm	Carbon	4.7	8.3	3.6
201730010	warm	Crustal	2.1	1.0	0.0
201730010	warm	Nitrate	0.3	0.5	0.2
201730010	warm	Sulfate	15.8	15.0	0.1
202090021	cold	Carbon	4.2	15.1	10.8
202090021	cold	Crustal	0.9	1.4	0.7
202090021	cold	Nitrate	10.0	10.3	1.2
202090021	cold	Sulfate	4.5	6.3	1.8
202090021	warm	Carbon	4.0	9.5	5.5
202090021	warm	Crustal	1.2	0.7	0.0
202090021	warm	Nitrate	0.6	1.2	0.6
202090021	warm	Sulfate	15.8	18.2	2.4
210190017	cold	Carbon	4.4	4.7	0.5
210190017	cold	Crustal	0.6	0.6	0.1
210190017	cold	Nitrate	1.9	3.7	1.9
210190017	cold	Sulfate	10.7	14.1	3.3
210190017	warm	Carbon	7.3	8.3	1.2
210190017	warm	Crustal	1.1	0.6	0.0
210190017	warm	Nitrate	0.6	0.8	0.2
210190017	warm	Sulfate	22.0	23.9	2.9
210590014	cold	Carbon	3.0	3.8	1.0
210590014	cold	Crustal	0.6	0.6	0.2
210590014	cold	Nitrate	6.3	8.3	2.0
210590014	cold	Sulfate	6.9	7.7	0.8
210590014	warm	Carbon	5.7	10.0	4.3
210590014	warm	Crustal	1.0	0.5	0.0
210590014	warm	Nitrate	0.3	0.9	0.6

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
210590014	warm	Sulfate	14.7	14.0	0.0
210670012	cold	Carbon	5.8	4.3	0.0
210670012	cold	Crustal	0.6	0.5	0.0
210670012	cold	Nitrate	2.5	6.3	3.8
210670012	cold	Sulfate	10.2	12.8	2.5
210670012	warm	Carbon	7.3	6.4	0.0
210670012	warm	Crustal	1.1	0.9	0.0
210670012	warm	Nitrate	0.8	1.5	0.7
210670012	warm	Sulfate	20.6	28.5	7.9
211110043	cold	Carbon	3.8	11.1	7.3
211110043	cold	Crustal	0.5	0.7	0.2
211110043	cold	Nitrate	6.7	6.6	0.6
211110043	cold	Sulfate	8.2	9.0	1.1
211110043	warm	Carbon	7.8	10.4	2.6
211110043	warm	Crustal	0.7	1.1	0.5
211110043	warm	Nitrate	0.8	1.0	0.3
211110043	warm	Sulfate	20.2	21.7	1.7
211110048	cold	Carbon	3.2	4.7	1.6
211110048	cold	Crustal	0.5	0.5	0.1
211110048	cold	Nitrate	6.8	7.9	1.2
211110048	cold	Sulfate	12.4	13.4	1.1
211110048	warm	Carbon	6.2	9.4	3.2
211110048	warm	Crustal	0.6	0.8	0.2
211110048	warm	Nitrate	1.0	1.4	0.4
211110048	warm	Sulfate	20.6	21.1	1.3
211170007	cold	Carbon	5.5	5.3	0.3
211170007	cold	Crustal	0.6	0.5	0.0
211170007	cold	Nitrate	5.7	5.7	0.4
211170007	cold	Sulfate	9.9	13.0	3.1
211170007	warm	Carbon	7.5	5.8	0.0
211170007	warm	Crustal	0.9	0.8	0.1
211170007	warm	Nitrate	1.7	1.2	0.0
211170007	warm	Sulfate	22.8	32.6	9.8
211250004	cold	Carbon	4.9	11.0	6.4
211250004	cold	Crustal	0.9	0.7	0.0
211250004	cold	Nitrate	2.3	3.8	1.6
211250004	cold	Sulfate	9.0	8.5	0.6
211250004	warm	Carbon	6.0	8.7	2.8
211250004	warm	Crustal	1.3	0.6	0.0
211250004	warm	Nitrate	0.4	1.1	0.7
211250004	warm	Sulfate	21.5	23.6	2.2
211451004	cold	Carbon	3.8	5.0	1.3
211451004	cold	Crustal	0.6	0.4	0.0
211451004	cold	Nitrate	3.0	6.1	3.1
211451004	cold	Sulfate	9.3	10.2	1.5
211451004	warm	Carbon	4.4	6.3	1.9
211451004	warm	Crustal	0.8	0.7	0.4
211451004	warm	Nitrate	0.5	0.8	0.3
211451004	warm	Sulfate	20.6	24.3	4.6

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
211930003	cold	Carbon	4.5	8.2	3.7
211930003	cold	Crustal	0.9	0.9	0.1
211930003	cold	Nitrate	0.3	0.6	0.2
211930003	cold	Sulfate	11.7	11.3	0.2
211930003	warm	Carbon	4.0	11.4	7.4
211930003	warm	Crustal	1.2	0.6	0.0
211930003	warm	Nitrate	0.2	0.4	0.2
211930003	warm	Sulfate	14.6	13.8	0.1
212270007	cold	Carbon	2.5	4.2	1.9
212270007	cold	Crustal	0.6	0.3	0.0
212270007	cold	Nitrate	2.5	3.1	0.7
212270007	cold	Sulfate	13.2	14.9	1.7
212270007	warm	Carbon	4.5	7.4	2.9
212270007	warm	Crustal	0.8	0.4	0.1
212270007	warm	Nitrate	0.5	0.9	0.5
212270007	warm	Sulfate	23.3	24.7	2.2
220330009	cold	Carbon	8.7	14.2	5.5
220330009	cold	Crustal	0.8	1.1	0.3
220330009	cold	Nitrate	1.1	1.7	0.7
220330009	cold	Sulfate	8.1	9.0	1.8
220330009	warm	Carbon	10.0	10.4	1.9
220330009	warm	Crustal	0.9	0.8	0.2
220330009	warm	Nitrate	0.3	0.6	0.3
220330009	warm	Sulfate	16.5	21.1	5.2
240030019	cold	Carbon	5.0	3.9	0.3
240030019	cold	Crustal	0.5	0.8	0.2
240030019	cold	Nitrate	9.8	15.2	5.4
240030019	cold	Sulfate	10.5	11.2	1.7
240030019	warm	Carbon	2.8	5.3	2.6
240030019	warm	Crustal	0.7	0.2	0.0
240030019	warm	Nitrate	0.9	1.0	0.0
240030019	warm	Sulfate	26.6	28.5	1.9
240053001	cold	Carbon	7.1	16.8	9.7
240053001	cold	Crustal	0.7	0.8	0.2
240053001	cold	Nitrate	7.3	9.7	3.1
240053001	cold	Sulfate	5.7	9.2	3.6
240053001	warm	Carbon	5.8	13.2	7.4
240053001	warm	Crustal	1.1	0.8	0.1
240053001	warm	Nitrate	0.8	1.2	0.5
240053001	warm	Sulfate	22.9	25.6	2.7
240330030	cold	Carbon	5.1	6.8	2.0
240330030	cold	Crustal	0.4	0.9	0.5
240330030	cold	Nitrate	5.7	6.4	1.0
240330030	cold	Sulfate	6.2	7.1	1.0
240330030	warm	Carbon	6.6	13.1	6.5
240330030	warm	Crustal	1.0	0.2	0.0
240330030	warm	Nitrate	0.4	0.4	0.0
240330030	warm	Sulfate	22.1	23.9	1.8
250130008	cold	Carbon	2.6	6.2	3.6

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
250130008	cold	Crustal	0.5	0.5	0.1
250130008	cold	Nitrate	2.5	4.3	1.8
250130008	cold	Sulfate	7.8	8.3	0.7
250130008	warm	Carbon	3.3	8.2	4.9
250130008	warm	Crustal	1.1	0.5	0.0
250130008	warm	Nitrate	0.4	1.3	0.9
250130008	warm	Sulfate	21.7	21.8	2.2
250250042	cold	Carbon	3.8	11.4	7.6
250250042	cold	Crustal	0.4	0.8	0.4
250250042	cold	Nitrate	2.0	6.8	4.8
250250042	cold	Sulfate	7.0	9.4	2.4
250250042	warm	Carbon	3.0	11.9	8.9
250250042	warm	Crustal	0.8	0.7	0.1
250250042	warm	Nitrate	0.6	1.4	0.8
250250042	warm	Sulfate	17.0	18.5	3.3
260050003	cold	Carbon	5.9	8.1	2.6
260050003	cold	Crustal	0.2	0.5	0.2
260050003	cold	Nitrate	4.7	16.1	11.4
260050003	cold	Sulfate	5.6	9.0	3.4
260050003	warm	Carbon	8.8	5.2	0.0
260050003	warm	Crustal	0.4	0.3	0.0
260050003	warm	Nitrate	0.4	0.9	0.5
260050003	warm	Sulfate	17.8	25.7	7.9
260770008	cold	Carbon	11.1	10.6	1.0
260770008	cold	Crustal	0.6	1.2	0.7
260770008	cold	Nitrate	22.2	15.5	0.0
260770008	cold	Sulfate	9.5	7.2	0.0
260770008	warm	Carbon	8.6	11.2	2.9
260770008	warm	Crustal	0.5	2.2	1.7
260770008	warm	Nitrate	1.4	1.2	0.2
260770008	warm	Sulfate	24.2	20.8	0.1
260810020	cold	Carbon	7.1	11.1	4.9
260810020	cold	Crustal	0.6	0.6	0.1
260810020	cold	Nitrate	15.5	21.4	6.0
260810020	cold	Sulfate	8.0	9.2	1.3
260810020	warm	Carbon	9.7	14.4	4.8
260810020	warm	Crustal	1.1	1.3	0.2
260810020	warm	Nitrate	1.1	1.3	0.2
260810020	warm	Sulfate	17.9	20.8	3.0
261130001	cold	Carbon	1.3	6.9	5.6
261130001	cold	Crustal	0.3	0.2	0.1
261130001	cold	Nitrate	4.1	7.3	3.2
261130001	cold	Sulfate	3.2	6.1	2.9
261130001	warm	Carbon	3.6	9.0	5.5
261130001	warm	Crustal	0.8	0.3	0.0
261130001	warm	Nitrate	0.2	0.4	0.1
261130001	warm	Sulfate	21.3	18.8	0.0
261610008	cold	Carbon	8.7	8.8	1.9
261610008	cold	Crustal	1.0	0.6	0.0

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
261610008	cold	Nitrate	14.5	18.3	3.9
261610008	cold	Sulfate	7.3	9.9	2.5
261610008	warm	Carbon	10.6	11.3	2.0
261610008	warm	Crustal	3.2	1.4	0.0
261610008	warm	Nitrate	1.6	2.5	1.0
261610008	warm	Sulfate	19.7	26.4	6.7
261630001	cold	Carbon	9.6	8.1	0.9
261630001	cold	Crustal	1.6	0.7	0.0
261630001	cold	Nitrate	13.1	19.3	6.2
261630001	cold	Sulfate	14.2	15.1	1.2
261630001	warm	Carbon	7.5	6.4	0.1
261630001	warm	Crustal	2.0	0.9	0.0
261630001	warm	Nitrate	1.8	3.5	1.7
261630001	warm	Sulfate	25.1	31.9	6.9
261630033	cold	Carbon	6.9	8.7	2.9
261630033	cold	Crustal	0.8	3.7	2.9
261630033	cold	Nitrate	13.4	17.2	3.8
261630033	cold	Sulfate	5.4	7.3	1.9
261630033	warm	Carbon	9.2	11.7	2.6
261630033	warm	Crustal	2.1	6.8	4.7
261630033	warm	Nitrate	2.4	4.8	2.4
261630033	warm	Sulfate	29.1	32.4	3.3
270530963	cold	Carbon	2.4	5.4	3.0
270530963	cold	Crustal	0.4	0.4	0.2
270530963	cold	Nitrate	12.0	17.6	5.6
270530963	cold	Sulfate	4.7	5.3	0.9
270530963	warm	Carbon	6.0	7.4	1.6
270530963	warm	Crustal	1.0	1.2	0.3
270530963	warm	Nitrate	0.7	1.0	0.3
270530963	warm	Sulfate	14.2	12.3	0.4
271095008	cold	Carbon	2.0	1.8	0.4
271095008	cold	Crustal	0.4	0.4	0.1
271095008	cold	Nitrate	14.2	18.2	4.0
271095008	cold	Sulfate	4.5	5.4	1.0
271095008	warm	Carbon	3.9	9.7	5.8
271095008	warm	Crustal	1.2	1.3	0.1
271095008	warm	Nitrate	0.6	1.0	0.5
271095008	warm	Sulfate	16.4	12.4	0.3
271230871	cold	Carbon	1.8	2.4	0.6
271230871	cold	Crustal	0.4	0.4	0.0
271230871	cold	Nitrate	14.8	17.5	2.7
271230871	cold	Sulfate	3.6	3.7	0.3
271230871	warm	Carbon	4.3	5.6	1.2
271230871	warm	Crustal	1.1	1.2	0.4
271230871	warm	Nitrate	0.7	1.6	0.9
271230871	warm	Sulfate	5.8	9.5	3.7
280350004	cold	Carbon	13.5	13.3	0.1
280350004	cold	Crustal	1.0	0.9	0.0
280350004	cold	Nitrate	1.3	1.3	0.1

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
280350004	cold	Sulfate	14.6	16.6	2.0
280350004	warm	Carbon	10.7	10.1	0.6
280350004	warm	Crustal	0.7	0.9	0.2
280350004	warm	Nitrate	0.8	0.8	0.0
280350004	warm	Sulfate	15.8	19.1	3.7
280470008	cold	Carbon	3.3	11.8	8.5
280470008	cold	Crustal	0.5	0.4	0.0
280470008	cold	Nitrate	1.8	1.5	0.1
280470008	cold	Sulfate	10.8	7.9	0.1
280470008	warm	Carbon	7.5	12.7	5.1
280470008	warm	Crustal	0.8	0.5	0.1
280470008	warm	Nitrate	0.4	0.4	0.1
280470008	warm	Sulfate	15.7	19.1	3.6
280490018	cold	Carbon	8.4	13.6	5.8
280490018	cold	Crustal	0.8	1.1	0.3
280490018	cold	Nitrate	1.5	1.6	0.3
280490018	cold	Sulfate	9.9	9.1	0.3
280490018	warm	Carbon	8.7	16.7	8.0
280490018	warm	Crustal	0.9	0.7	0.0
280490018	warm	Nitrate	0.6	0.7	0.1
280490018	warm	Sulfate	14.2	12.9	0.1
290470005	cold	Carbon	4.0	9.0	5.0
290470005	cold	Crustal	0.6	0.5	0.1
290470005	cold	Nitrate	11.4	12.6	1.8
290470005	cold	Sulfate	5.0	6.3	1.3
290470005	warm	Carbon	4.3	9.4	5.1
290470005	warm	Crustal	1.4	0.6	0.0
290470005	warm	Nitrate	0.5	1.1	0.7
290470005	warm	Sulfate	13.0	13.5	0.6
290990012	cold	Carbon	3.3	4.4	1.1
290990012	cold	Crustal	0.5	0.5	0.1
290990012	cold	Nitrate	9.3	15.9	6.6
290990012	cold	Sulfate	13.0	15.8	2.8
290990012	warm	Carbon	5.2	11.0	5.8
290990012	warm	Crustal	1.3	0.9	0.1
290990012	warm	Nitrate	1.1	1.0	0.2
290990012	warm	Sulfate	22.9	25.7	5.0
295100085	cold	Carbon	2.9	7.2	4.3
295100085	cold	Crustal	0.5	1.0	0.5
295100085	cold	Nitrate	12.5	14.3	4.1
295100085	cold	Sulfate	8.0	10.9	2.9
295100085	warm	Carbon	3.9	6.8	2.9
295100085	warm	Crustal	1.1	1.1	0.2
295100085	warm	Nitrate	0.9	1.3	0.4
295100085	warm	Sulfate	24.2	28.4	4.3
300530018	cold	Carbon	2.4	41.9	39.5
300530018	cold	Crustal	0.2	0.3	0.1
300530018	cold	Nitrate	0.6	1.5	0.9
300530018	cold	Sulfate	0.9	1.4	0.5

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
300530018	warm	Carbon	2.8	6.8	4.0
300530018	warm	Crustal	1.2	0.8	0.1
300530018	warm	Nitrate	0.2	0.3	0.2
300530018	warm	Sulfate	1.0	1.2	0.2
300630031	cold	Carbon	0.8	28.3	27.6
300630031	cold	Crustal	0.1	0.7	0.6
300630031	cold	Nitrate	0.3	14.7	14.4
300630031	cold	Sulfate	0.4	4.9	4.5
300630031	warm	Carbon	3.9	15.2	11.4
300630031	warm	Crustal	1.2	1.0	0.1
300630031	warm	Nitrate	0.1	0.7	0.6
300630031	warm	Sulfate	1.1	1.4	0.3
310550019	cold	Carbon	3.0	8.5	5.5
310550019	cold	Crustal	0.7	0.7	0.2
310550019	cold	Nitrate	11.8	14.2	2.8
310550019	cold	Sulfate	4.1	4.8	1.1
310550019	warm	Carbon	3.9	7.4	3.5
310550019	warm	Crustal	1.2	1.2	0.3
310550019	warm	Nitrate	0.8	1.0	0.3
310550019	warm	Sulfate	12.0	11.6	0.1
320030560	cold	Carbon	0.4	21.0	20.5
320030560	cold	Crustal	0.3	2.9	2.6
320030560	cold	Nitrate	0.1	2.3	2.2
320030560	cold	Sulfate	0.4	1.0	0.6
320030561	cold	Carbon	0.5	23.4	22.9
320030561	cold	Crustal	0.3	2.5	2.2
320030561	cold	Nitrate	0.1	4.2	4.1
320030561	cold	Sulfate	0.5	0.9	0.5
320030561	warm	Carbon	1.5	5.4	3.8
320030561	warm	Crustal	1.8	3.3	1.5
320030561	warm	Nitrate	0.3	0.6	0.2
320030561	warm	Sulfate	2.8	3.2	0.4
320310016	cold	Carbon	2.5	20.9	18.4
320310016	cold	Crustal	0.2	1.3	1.1
320310016	cold	Nitrate	2.1	14.8	12.7
320310016	cold	Sulfate	0.3	2.1	1.8
320310016	warm	Carbon	2.4	5.4	3.0
320310016	warm	Crustal	1.3	1.2	0.1
320310016	warm	Nitrate	0.3	0.5	0.2
320310016	warm	Sulfate	2.1	2.3	0.3
330110020	cold	Carbon	2.4	11.2	8.8
330110020	cold	Crustal	0.4	0.6	0.2
330110020	cold	Nitrate	2.0	4.1	2.1
330110020	cold	Sulfate	4.6	7.0	2.3
330110020	warm	Carbon	2.9	9.2	6.4
330110020	warm	Crustal	1.0	0.6	0.1
330110020	warm	Nitrate	0.4	1.1	0.7
330110020	warm	Sulfate	17.6	19.7	3.3
330150014	cold	Carbon	2.5	8.7	6.1

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
330150014	cold	Crustal	0.4	0.5	0.2
330150014	cold	Nitrate	1.7	3.3	1.6
330150014	cold	Sulfate	5.2	6.2	1.0
330150014	warm	Carbon	2.7	9.9	7.2
330150014	warm	Crustal	1.0	0.4	0.0
330150014	warm	Nitrate	0.4	1.2	0.8
330150014	warm	Sulfate	19.1	20.3	2.5
340070003	cold	Carbon	7.2	7.8	1.5
340070003	cold	Crustal	0.6	0.8	0.3
340070003	cold	Nitrate	7.6	9.1	1.7
340070003	cold	Sulfate	12.2	11.9	0.5
340070003	warm	Carbon	6.6	12.3	5.7
340070003	warm	Crustal	1.0	0.8	0.3
340070003	warm	Nitrate	1.2	2.1	1.1
340070003	warm	Sulfate	21.7	24.6	4.0
340230006	cold	Carbon	6.0	10.5	4.5
340230006	cold	Crustal	0.5	0.6	0.1
340230006	cold	Nitrate	4.9	8.5	3.6
340230006	cold	Sulfate	8.0	8.2	0.5
340230006	warm	Carbon	4.4	8.0	3.6
340230006	warm	Crustal	1.1	0.6	0.0
340230006	warm	Nitrate	0.8	2.2	1.3
340230006	warm	Sulfate	23.5	23.8	1.7
340273001	cold	Carbon	4.0	5.9	2.1
340273001	cold	Crustal	0.7	0.6	0.1
340273001	cold	Nitrate	3.4	6.6	3.3
340273001	cold	Sulfate	8.1	10.4	2.3
340273001	warm	Carbon	5.0	7.5	2.6
340273001	warm	Crustal	1.1	0.4	0.1
340273001	warm	Nitrate	0.6	1.3	0.7
340273001	warm	Sulfate	21.8	24.1	4.7
340390004	cold	Carbon	4.6	18.5	13.8
340390004	cold	Crustal	0.4	1.1	0.7
340390004	cold	Nitrate	3.2	8.7	5.5
340390004	cold	Sulfate	7.4	9.8	2.7
340390004	warm	Carbon	5.5	13.1	7.6
340390004	warm	Crustal	1.2	1.5	0.6
340390004	warm	Nitrate	1.2	3.4	2.2
340390004	warm	Sulfate	23.3	25.5	3.1
350010023	cold	Carbon	0.9	11.9	11.1
350010023	cold	Crustal	0.5	1.0	0.5
350010023	cold	Nitrate	0.4	2.5	2.0
350010023	cold	Sulfate	0.5	0.7	0.2
350010023	warm	Carbon	1.8	16.2	14.4
350010023	warm	Crustal	0.9	0.7	0.0
350010023	warm	Nitrate	0.3	0.8	0.5
350010023	warm	Sulfate	2.7	3.7	1.2
360050083	cold	Carbon	6.9	10.2	3.3
360050083	cold	Crustal	0.7	1.3	0.6

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
360050083	cold	Nitrate	5.3	10.5	5.2
360050083	cold	Sulfate	7.3	8.9	1.8
360050083	warm	Carbon	5.6	8.1	2.5
360050083	warm	Crustal	1.1	1.0	0.1
360050083	warm	Nitrate	1.4	3.0	1.6
360050083	warm	Sulfate	25.2	28.2	3.1
360050110	cold	Carbon	6.5	10.1	3.6
360050110	cold	Crustal	0.6	1.3	0.6
360050110	cold	Nitrate	5.6	11.2	5.6
360050110	cold	Sulfate	7.6	9.5	2.0
360050110	warm	Carbon	5.3	7.6	2.3
360050110	warm	Crustal	1.0	1.7	0.8
360050110	warm	Nitrate	1.2	5.2	4.0
360050110	warm	Sulfate	22.7	27.2	4.5
360290005	cold	Carbon	4.5	8.6	4.1
360290005	cold	Crustal	0.5	0.8	0.3
360290005	cold	Nitrate	6.9	14.7	7.8
360290005	cold	Sulfate	6.1	8.4	2.3
360290005	warm	Carbon	5.3	6.9	1.6
360290005	warm	Crustal	0.7	0.7	0.1
360290005	warm	Nitrate	0.5	1.0	0.5
360290005	warm	Sulfate	23.5	28.4	4.9
360310003	cold	Carbon	2.0	3.8	1.8
360310003	cold	Crustal	0.4	0.2	0.0
360310003	cold	Nitrate	0.8	0.8	0.1
360310003	cold	Sulfate	7.5	7.1	0.7
360310003	warm	Carbon	2.2	5.4	3.2
360310003	warm	Crustal	0.9	0.4	0.0
360310003	warm	Nitrate	0.3	0.1	0.0
360310003	warm	Sulfate	21.8	18.4	0.0
360551007	cold	Carbon	3.1	7.6	4.5
360551007	cold	Crustal	0.5	0.5	0.1
360551007	cold	Nitrate	4.5	10.2	5.7
360551007	cold	Sulfate	8.2	9.3	1.8
360551007	warm	Carbon	3.6	4.8	1.1
360551007	warm	Crustal	0.7	1.0	0.4
360551007	warm	Nitrate	0.5	1.0	0.5
360551007	warm	Sulfate	29.4	28.5	0.2
360556001	cold	Carbon	2.9	4.7	1.8
360556001	cold	Crustal	0.5	0.6	0.1
360556001	cold	Nitrate	7.4	16.5	9.1
360556001	cold	Sulfate	4.8	7.7	2.8
360610062	cold	Carbon	5.3	9.7	4.4
360610062	cold	Crustal	1.0	0.9	0.1
360610062	cold	Nitrate	5.0	11.1	6.1
360610062	cold	Sulfate	9.4	10.4	1.0
360610062	warm	Carbon	5.4	10.8	5.4
360610062	warm	Crustal	1.4	1.2	0.2
360610062	warm	Nitrate	1.8	6.0	4.2

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
360610062	warm	Sulfate	25.6	28.1	3.4
360810124	cold	Carbon	7.0	9.4	2.6
360810124	cold	Crustal	0.7	1.7	1.0
360810124	cold	Nitrate	5.3	11.0	5.7
360810124	cold	Sulfate	7.0	9.0	2.0
360810124	warm	Carbon	5.5	6.5	1.6
360810124	warm	Crustal	1.0	0.6	0.0
360810124	warm	Nitrate	1.3	2.7	1.4
360810124	warm	Sulfate	24.7	27.8	4.0
361010003	cold	Carbon	2.6	5.1	2.5
361010003	cold	Crustal	0.8	0.4	0.0
361010003	cold	Nitrate	3.4	3.4	0.1
361010003	cold	Sulfate	10.0	10.1	0.5
361010003	warm	Carbon	2.3	5.1	2.8
361010003	warm	Crustal	1.2	0.5	0.0
361010003	warm	Nitrate	0.2	0.4	0.2
361010003	warm	Sulfate	29.7	25.7	0.0
370210034	cold	Carbon	2.5	7.1	4.6
370210034	cold	Crustal	0.5	0.4	0.0
370210034	cold	Nitrate	0.8	1.7	0.9
370210034	cold	Sulfate	10.5	11.3	1.1
370210034	warm	Carbon	2.8	7.7	4.9
370210034	warm	Crustal	0.6	0.7	0.3
370210034	warm	Nitrate	0.4	0.7	0.4
370210034	warm	Sulfate	20.0	20.6	1.1
370330001	cold	Carbon	3.8	4.3	0.5
370330001	cold	Crustal	0.4	0.4	0.0
370330001	cold	Nitrate	8.9	5.9	0.0
370330001	cold	Sulfate	2.9	4.5	1.6
370350004	cold	Carbon	5.7	11.9	6.1
370350004	cold	Crustal	0.3	0.3	0.1
370350004	cold	Nitrate	2.0	4.6	2.6
370350004	cold	Sulfate	7.5	9.4	1.9
370350004	warm	Carbon	6.1	11.5	5.3
370350004	warm	Crustal	0.6	0.5	0.0
370350004	warm	Nitrate	0.6	1.6	1.0
370350004	warm	Sulfate	16.5	22.9	6.4
370510009	cold	Carbon	6.1	11.5	5.3
370510009	cold	Crustal	0.3	0.2	0.0
370510009	cold	Nitrate	1.5	2.1	0.7
370510009	cold	Sulfate	8.7	9.9	1.2
370510009	warm	Carbon	6.5	6.7	0.2
370510009	warm	Crustal	0.4	0.4	0.0
370510009	warm	Nitrate	1.0	1.5	0.6
370510009	warm	Sulfate	15.0	16.3	1.3
370570002	cold	Carbon	5.2	9.1	4.5
370570002	cold	Crustal	0.5	0.6	0.2
370570002	cold	Nitrate	1.2	3.4	2.3
370570002	cold	Sulfate	10.7	11.9	1.7

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
370570002	warm	Carbon	8.5	7.9	0.5
370570002	warm	Crustal	0.6	0.8	0.2
370570002	warm	Nitrate	0.5	1.4	0.9
370570002	warm	Sulfate	17.1	21.6	4.5
370670022	cold	Carbon	6.2	8.5	2.7
370670022	cold	Crustal	0.4	0.4	0.0
370670022	cold	Nitrate	1.8	3.5	1.7
370670022	cold	Sulfate	10.9	12.3	1.9
370670022	warm	Carbon	6.2	8.8	3.2
370670022	warm	Crustal	0.4	0.4	0.1
370670022	warm	Nitrate	0.7	0.7	0.2
370670022	warm	Sulfate	19.6	22.9	3.3
370810013	cold	Carbon	5.5	7.1	1.7
370810013	cold	Crustal	0.4	0.5	0.1
370810013	cold	Nitrate	1.9	2.0	0.3
370810013	cold	Sulfate	11.3	13.4	2.4
370810013	warm	Carbon	7.3	15.7	8.9
370810013	warm	Crustal	0.5	0.6	0.2
370810013	warm	Nitrate	0.6	0.6	0.1
370810013	warm	Sulfate	18.0	16.4	3.8
371190041	cold	Carbon	4.9	7.9	3.3
371190041	cold	Crustal	0.4	0.4	0.0
371190041	cold	Nitrate	1.8	5.2	3.4
371190041	cold	Sulfate	12.7	17.4	4.7
371190041	warm	Carbon	3.9	9.8	5.9
371190041	warm	Crustal	0.7	0.4	0.0
371190041	warm	Nitrate	0.3	0.7	0.4
371190041	warm	Sulfate	18.1	23.2	5.2
371830014	cold	Carbon	3.2	8.4	5.2
371830014	cold	Crustal	0.7	0.5	0.2
371830014	cold	Nitrate	1.0	2.0	1.1
371830014	cold	Sulfate	11.0	15.3	4.3
371830014	warm	Carbon	6.0	8.3	2.3
371830014	warm	Crustal	0.7	0.6	0.1
371830014	warm	Nitrate	0.6	0.8	0.2
371830014	warm	Sulfate	15.7	19.3	3.6
380150003	cold	Carbon	2.0	6.4	4.4
380150003	cold	Crustal	0.3	0.6	0.3
380150003	cold	Nitrate	3.3	7.5	4.2
380150003	cold	Sulfate	2.7	4.9	2.2
380150003	warm	Carbon	2.6	6.5	3.9
380150003	warm	Crustal	1.0	0.8	0.0
380150003	warm	Nitrate	0.4	1.1	0.7
380150003	warm	Sulfate	2.4	4.3	1.9
380530002	cold	Carbon	1.0	3.9	2.9
380530002	cold	Crustal	0.3	0.1	0.0
380530002	cold	Nitrate	3.1	3.9	0.9
380530002	cold	Sulfate	3.0	4.3	1.3
380530002	warm	Carbon	2.0	4.9	2.9

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
380530002	warm	Crustal	0.9	0.6	0.0
380530002	warm	Nitrate	0.2	0.4	0.1
380530002	warm	Sulfate	2.1	2.4	0.5
390171004	cold	Carbon	5.3	6.0	0.7
390171004	cold	Crustal	0.6	0.7	0.3
390171004	cold	Nitrate	6.8	6.2	0.2
390171004	cold	Sulfate	10.5	13.9	3.5
390171004	warm	Carbon	7.5	7.0	0.5
390171004	warm	Crustal	1.0	1.1	0.2
390171004	warm	Nitrate	1.7	1.4	0.1
390171004	warm	Sulfate	21.5	29.2	7.8
390350038	cold	Carbon	7.3	13.3	8.3
390350038	cold	Crustal	0.9	2.2	1.4
390350038	cold	Nitrate	9.5	15.1	5.6
390350038	cold	Sulfate	7.4	9.2	1.8
390350038	warm	Carbon	9.0	11.3	2.3
390350038	warm	Crustal	1.3	3.6	2.3
390350038	warm	Nitrate	2.0	3.2	1.2
390350038	warm	Sulfate	28.7	34.3	5.5
390350060	cold	Carbon	5.9	11.9	7.0
390350060	cold	Crustal	0.9	2.4	1.6
390350060	cold	Nitrate	6.3	13.5	7.2
390350060	cold	Sulfate	9.5	15.0	5.5
390350060	warm	Carbon	5.3	7.4	2.1
390350060	warm	Crustal	1.6	2.9	1.3
390350060	warm	Nitrate	1.2	1.8	0.6
390350060	warm	Sulfate	23.9	27.8	3.9
390490081	cold	Carbon	7.7	8.9	1.5
390490081	cold	Crustal	0.8	0.5	0.0
390490081	cold	Nitrate	9.1	9.8	1.4
390490081	cold	Sulfate	7.7	8.8	1.2
390490081	warm	Carbon	6.8	6.2	0.0
390490081	warm	Crustal	1.5	0.9	0.0
390490081	warm	Nitrate	1.7	1.8	0.1
390490081	warm	Sulfate	30.3	30.6	1.1
390610040	cold	Carbon	3.3	5.2	1.9
390610040	cold	Crustal	0.4	0.4	0.1
390610040	cold	Nitrate	6.3	7.5	1.1
390610040	cold	Sulfate	9.7	10.5	1.0
390610040	warm	Carbon	7.0	6.9	0.1
390610040	warm	Crustal	1.0	0.7	0.1
390610040	warm	Nitrate	1.6	2.1	0.6
390610040	warm	Sulfate	21.8	33.4	11.6
390810017	cold	Carbon	3.5	9.2	5.8
390810017	cold	Crustal	0.6	3.4	2.8
390810017	cold	Nitrate	0.4	1.2	0.7
390810017	cold	Sulfate	8.8	15.8	7.0
390810017	warm	Carbon	3.7	9.3	5.7
390810017	warm	Crustal	0.8	1.7	0.9

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
390810017	warm	Nitrate	0.6	2.0	1.4
390810017	warm	Sulfate	14.8	22.0	7.2
390870010	cold	Carbon	4.3	11.4	7.1
390870010	cold	Crustal	0.6	1.1	0.5
390870010	cold	Nitrate	0.5	1.1	0.6
390870010	cold	Sulfate	9.2	10.9	2.1
390870010	warm	Carbon	5.1	9.6	4.5
390870010	warm	Crustal	1.3	1.5	0.4
390870010	warm	Nitrate	0.4	1.4	1.0
390870010	warm	Sulfate	25.8	24.3	2.0
390930016	cold	Carbon	12.9	5.3	0.0
390930016	cold	Crustal	0.8	0.7	0.1
390930016	cold	Nitrate	12.2	15.4	3.2
390930016	cold	Sulfate	8.4	9.0	0.6
390930016	warm	Carbon	7.3	8.8	1.5
390930016	warm	Crustal	0.7	1.4	0.7
390930016	warm	Nitrate	1.3	1.1	0.1
390930016	warm	Sulfate	32.8	32.1	0.0
390933002	cold	Carbon	2.1	6.8	5.1
390933002	cold	Crustal	0.4	1.0	0.7
390933002	cold	Nitrate	5.2	4.1	0.6
390933002	cold	Sulfate	5.4	4.8	0.5
390933002	warm	Carbon	6.2	6.7	1.0
390933002	warm	Crustal	0.9	2.7	1.7
390933002	warm	Nitrate	1.8	2.4	0.5
390933002	warm	Sulfate	26.8	25.7	4.0
390950026	cold	Carbon	10.1	8.9	0.6
390950026	cold	Crustal	0.7	0.5	0.0
390950026	cold	Nitrate	12.3	16.3	4.0
390950026	cold	Sulfate	8.5	9.3	0.8
390950026	warm	Carbon	10.1	8.7	0.9
390950026	warm	Crustal	1.1	1.2	0.2
390950026	warm	Nitrate	2.2	1.9	0.1
390950026	warm	Sulfate	24.3	28.8	4.5
390990014	cold	Carbon	5.0	8.8	3.8
390990014	cold	Crustal	0.5	1.9	1.4
390990014	cold	Nitrate	5.1	9.0	3.9
390990014	cold	Sulfate	6.7	7.7	1.1
390990014	warm	Carbon	7.7	9.9	2.2
390990014	warm	Crustal	1.1	2.6	1.5
390990014	warm	Nitrate	0.6	1.6	1.0
390990014	warm	Sulfate	26.8	29.3	3.5
391130031	cold	Carbon	5.6	5.9	0.7
391130031	cold	Crustal	0.7	0.6	0.1
391130031	cold	Nitrate	5.8	8.6	2.8
391130031	cold	Sulfate	8.0	8.5	0.6
391130031	warm	Carbon	7.8	6.1	0.0
391130031	warm	Crustal	1.1	0.9	0.1
391130031	warm	Nitrate	1.5	1.6	0.2

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
391130031	warm	Sulfate	25.0	29.7	5.9
391510017	cold	Carbon	3.5	8.2	4.7
391510017	cold	Crustal	0.5	0.8	0.3
391510017	cold	Nitrate	5.3	8.2	2.9
391510017	cold	Sulfate	8.0	8.3	0.3
391510017	warm	Carbon	8.4	9.5	1.2
391510017	warm	Crustal	1.5	1.6	0.4
391510017	warm	Nitrate	0.8	1.6	0.8
391510017	warm	Sulfate	33.2	38.5	5.2
391510020	cold	Carbon	6.7	6.6	0.0
391510020	cold	Crustal	1.0	1.3	0.3
391510020	cold	Nitrate	3.3	8.2	5.0
391510020	cold	Sulfate	5.3	5.8	0.7
391510020	warm	Carbon	6.2	6.0	0.0
391510020	warm	Crustal	1.7	0.8	0.0
391510020	warm	Nitrate	1.0	2.1	1.1
391510020	warm	Sulfate	27.2	29.6	2.4
391530023	cold	Carbon	11.3	7.1	0.1
391530023	cold	Crustal	1.0	0.9	0.0
391530023	cold	Nitrate	11.3	14.4	3.1
391530023	cold	Sulfate	9.1	12.2	3.0
391530023	warm	Carbon	8.6	8.2	0.7
391530023	warm	Crustal	1.6	0.9	0.0
391530023	warm	Nitrate	1.8	2.0	0.3
391530023	warm	Sulfate	29.5	32.7	3.8
401091037	cold	Carbon	3.5	8.4	4.9
401091037	cold	Crustal	1.0	0.6	0.0
401091037	cold	Nitrate	0.8	1.0	0.2
401091037	cold	Sulfate	7.9	9.8	1.9
401091037	warm	Carbon	3.8	8.4	4.7
401091037	warm	Crustal	1.7	0.4	0.0
401091037	warm	Nitrate	0.2	0.5	0.2
401091037	warm	Sulfate	16.9	20.6	3.7
401431127	cold	Carbon	3.4	8.1	4.7
401431127	cold	Crustal	0.8	1.0	0.4
401431127	cold	Nitrate	5.4	5.5	0.2
401431127	cold	Sulfate	5.9	8.2	2.2
401431127	warm	Carbon	5.9	12.4	6.4
401431127	warm	Crustal	2.8	1.3	0.0
401431127	warm	Nitrate	0.4	0.5	0.2
401431127	warm	Sulfate	19.7	17.7	0.2
410510246	cold	Carbon	3.1	20.1	16.9
410510246	cold	Crustal	0.2	1.0	0.8
410510246	cold	Nitrate	2.0	6.1	4.1
410510246	cold	Sulfate	1.5	5.3	3.8
410510246	warm	Carbon	2.6	7.5	4.8
410510246	warm	Crustal	0.4	0.8	0.4
410510246	warm	Nitrate	0.5	2.1	1.6
410510246	warm	Sulfate	1.5	4.4	2.9

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
420010001	cold	Carbon	4.8	8.2	3.4
420010001	cold	Crustal	0.4	0.6	0.2
420010001	cold	Nitrate	9.7	15.3	5.6
420010001	cold	Sulfate	8.8	10.6	1.8
420010001	warm	Carbon	4.0	6.3	2.7
420010001	warm	Crustal	1.1	0.8	0.0
420010001	warm	Nitrate	0.6	0.8	0.3
420010001	warm	Sulfate	27.6	28.7	1.8
420030008	cold	Carbon	4.3	7.8	3.6
420030008	cold	Crustal	0.9	1.3	0.3
420030008	cold	Nitrate	4.1	5.7	1.7
420030008	cold	Sulfate	9.6	11.2	1.9
420030008	warm	Carbon	4.2	8.5	4.3
420030008	warm	Crustal	1.3	1.1	0.1
420030008	warm	Nitrate	0.5	1.5	1.0
420030008	warm	Sulfate	21.9	27.2	5.3
420030064	cold	Carbon	4.2	30.1	25.8
420030064	cold	Crustal	0.8	1.8	1.0
420030064	cold	Nitrate	1.4	2.2	0.8
420030064	cold	Sulfate	7.8	14.0	6.2
420030064	warm	Carbon	4.3	30.4	26.1
420030064	warm	Crustal	1.5	1.3	0.3
420030064	warm	Nitrate	0.7	2.6	1.9
420030064	warm	Sulfate	22.2	35.7	13.4
420270100	cold	Carbon	3.5	7.2	3.7
420270100	cold	Crustal	0.6	0.5	0.1
420270100	cold	Nitrate	6.1	8.3	2.9
420270100	cold	Sulfate	7.1	9.5	2.5
420270100	warm	Carbon	4.4	9.5	5.2
420270100	warm	Crustal	0.8	0.6	0.0
420270100	warm	Nitrate	0.6	1.2	0.6
420270100	warm	Sulfate	22.6	30.1	7.5
420290100	cold	Carbon	7.3	12.1	5.5
420290100	cold	Crustal	0.7	0.6	0.0
420290100	cold	Nitrate	8.6	10.7	3.5
420290100	cold	Sulfate	9.7	7.9	0.3
420290100	warm	Carbon	4.8	7.7	2.8
420290100	warm	Crustal	0.7	0.5	0.1
420290100	warm	Nitrate	2.1	4.0	1.9
420290100	warm	Sulfate	25.9	27.3	2.8
420430401	cold	Carbon	5.5	8.6	3.1
420430401	cold	Crustal	0.6	0.8	0.3
420430401	cold	Nitrate	10.0	17.4	7.5
420430401	cold	Sulfate	8.8	9.5	1.2
420430401	warm	Carbon	5.4	5.5	0.8
420430401	warm	Crustal	0.8	0.7	0.1
420430401	warm	Nitrate	1.0	3.3	2.4
420430401	warm	Sulfate	24.3	28.5	4.9
420450002	cold	Carbon	2.6	9.2	6.7

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
420450002	cold	Crustal	0.4	2.9	2.5
420450002	cold	Nitrate	6.1	6.7	0.7
420450002	cold	Sulfate	6.7	14.4	7.7
420450002	warm	Carbon	7.1	8.9	2.6
420450002	warm	Crustal	0.6	0.8	0.3
420450002	warm	Nitrate	2.9	2.9	0.2
420450002	warm	Sulfate	22.5	23.2	1.8
420490003	cold	Carbon	3.3	7.3	3.9
420490003	cold	Crustal	0.5	0.7	0.3
420490003	cold	Nitrate	5.6	10.5	4.9
420490003	cold	Sulfate	4.8	6.9	2.3
420490003	warm	Carbon	6.1	11.0	4.9
420490003	warm	Crustal	1.1	0.9	0.0
420490003	warm	Nitrate	0.5	0.6	0.1
420490003	warm	Sulfate	27.0	25.7	0.0
420692006	cold	Carbon	3.7	8.9	5.3
420692006	cold	Crustal	0.5	0.8	0.3
420692006	cold	Nitrate	3.6	5.6	2.0
420692006	cold	Sulfate	6.2	6.8	0.6
420692006	warm	Carbon	4.5	7.2	2.7
420692006	warm	Crustal	1.0	0.8	0.2
420692006	warm	Nitrate	0.4	1.6	1.2
420692006	warm	Sulfate	21.7	25.4	4.4
420710007	cold	Carbon	9.4	12.5	3.2
420710007	cold	Crustal	1.1	1.0	0.1
420710007	cold	Nitrate	13.4	21.5	8.1
420710007	cold	Sulfate	10.1	12.2	2.3
420710007	warm	Carbon	6.8	7.1	0.3
420710007	warm	Crustal	0.9	0.6	0.0
420710007	warm	Nitrate	2.1	4.6	2.4
420710007	warm	Sulfate	23.5	28.2	4.7
420950025	cold	Carbon	10.4	11.3	1.5
420950025	cold	Crustal	0.6	0.7	0.1
420950025	cold	Nitrate	11.0	8.4	0.2
420950025	cold	Sulfate	10.5	10.3	0.5
420950025	warm	Carbon	7.0	13.5	6.6
420950025	warm	Crustal	0.5	0.5	0.1
420950025	warm	Nitrate	3.5	3.8	0.7
420950025	warm	Sulfate	20.3	22.0	2.7
420990301	cold	Carbon	2.3	7.2	4.9
420990301	cold	Crustal	0.4	0.3	0.0
420990301	cold	Nitrate	6.6	11.0	4.4
420990301	cold	Sulfate	5.6	6.1	1.3
420990301	warm	Carbon	3.7	6.8	3.3
420990301	warm	Crustal	0.6	1.0	0.7
420990301	warm	Nitrate	0.5	0.8	0.3
420990301	warm	Sulfate	21.7	20.7	0.4
421010004	cold	Carbon	8.6	10.6	3.0
421010004	cold	Crustal	0.8	1.0	0.3

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
421010004	cold	Nitrate	6.2	8.8	2.6
421010004	cold	Sulfate	10.8	12.2	1.5
421010004	warm	Carbon	5.7	6.2	1.6
421010004	warm	Crustal	0.8	1.0	0.2
421010004	warm	Nitrate	1.3	2.1	0.9
421010004	warm	Sulfate	24.7	29.6	4.9
421010136	cold	Carbon	8.6	8.4	1.6
421010136	cold	Crustal	0.5	0.5	0.1
421010136	cold	Nitrate	6.7	9.9	3.2
421010136	cold	Sulfate	12.1	10.8	0.5
421010136	warm	Carbon	6.5	4.4	0.0
421010136	warm	Crustal	0.8	0.5	0.0
421010136	warm	Nitrate	3.3	3.6	0.8
421010136	warm	Sulfate	19.5	20.3	1.7
421255001	cold	Carbon	3.9	5.8	1.8
421255001	cold	Crustal	0.5	0.4	0.0
421255001	cold	Nitrate	3.9	4.6	1.0
421255001	cold	Sulfate	7.8	7.8	0.3
421255001	warm	Carbon	3.9	7.7	4.3
421255001	warm	Crustal	1.0	1.1	0.4
421255001	warm	Nitrate	0.4	0.4	0.1
421255001	warm	Sulfate	23.0	27.2	4.1
421290008	cold	Carbon	4.0	9.8	5.8
421290008	cold	Crustal	0.6	2.5	1.8
421290008	cold	Nitrate	3.7	4.9	1.2
421290008	cold	Sulfate	5.3	5.5	0.4
421290008	warm	Carbon	4.1	8.4	4.3
421290008	warm	Crustal	1.0	0.6	0.0
421290008	warm	Nitrate	0.5	0.8	0.3
421290008	warm	Sulfate	24.1	30.1	6.0
421330008	cold	Carbon	4.2	11.7	7.6
421330008	cold	Crustal	0.5	0.9	0.4
421330008	cold	Nitrate	11.6	17.8	6.6
421330008	cold	Sulfate	9.8	16.6	6.9
421330008	warm	Carbon	3.6	7.5	3.9
421330008	warm	Crustal	1.0	1.0	0.3
421330008	warm	Nitrate	0.4	2.3	1.9
421330008	warm	Sulfate	25.9	26.6	3.0
440070022	cold	Carbon	4.8	12.8	8.0
440070022	cold	Crustal	0.4	0.6	0.2
440070022	cold	Nitrate	2.4	4.4	1.9
440070022	cold	Sulfate	7.6	9.7	2.1
440070022	warm	Carbon	6.3	8.5	2.1
440070022	warm	Crustal	0.8	0.6	0.0
440070022	warm	Nitrate	0.8	0.8	0.1
440070022	warm	Sulfate	26.7	23.5	0.0
440071010	cold	Carbon	1.2	20.6	19.4
440071010	cold	Crustal	0.1	0.3	0.2
440071010	cold	Nitrate	0.8	2.7	1.9

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
440071010	cold	Sulfate	2.5	4.5	2.0
440071010	warm	Carbon	3.6	4.9	1.3
440071010	warm	Crustal	1.6	1.1	0.0
440071010	warm	Nitrate	1.8	2.3	0.5
440071010	warm	Sulfate	13.1	12.3	0.0
450190049	cold	Carbon	5.1	11.7	7.3
450190049	cold	Crustal	0.5	0.4	0.1
450190049	cold	Nitrate	0.7	1.8	1.1
450190049	cold	Sulfate	13.8	13.8	1.1
450190049	warm	Carbon	4.4	9.0	4.6
450190049	warm	Crustal	0.9	0.3	0.0
450190049	warm	Nitrate	0.3	0.9	0.6
450190049	warm	Sulfate	25.0	22.4	0.0
450250001	cold	Carbon	2.0	5.2	3.3
450250001	cold	Crustal	0.4	0.4	0.1
450250001	cold	Nitrate	0.8	3.2	2.4
450250001	cold	Sulfate	10.1	11.7	2.0
450250001	warm	Carbon	3.2	8.6	5.3
450250001	warm	Crustal	0.8	0.6	0.1
450250001	warm	Nitrate	0.3	0.6	0.3
450250001	warm	Sulfate	16.3	21.8	5.6
450450009	cold	Carbon	4.7	10.1	5.4
450450009	cold	Crustal	0.4	0.2	0.0
450450009	cold	Nitrate	1.8	5.2	3.4
450450009	cold	Sulfate	7.4	10.7	3.3
450450009	warm	Carbon	7.8	9.9	2.1
450450009	warm	Crustal	0.6	0.5	0.0
450450009	warm	Nitrate	0.7	0.6	0.0
450450009	warm	Sulfate	20.2	22.2	3.2
450790019	cold	Carbon	5.9	13.6	7.7
450790019	cold	Crustal	0.5	1.3	0.8
450790019	cold	Nitrate	1.7	3.2	1.6
450790019	cold	Sulfate	8.7	8.0	0.8
450790019	warm	Carbon	5.2	11.5	6.3
450790019	warm	Crustal	0.6	0.7	0.2
450790019	warm	Nitrate	0.5	0.7	0.3
450790019	warm	Sulfate	20.3	21.8	3.6
460990006	cold	Carbon	2.3	6.7	4.6
460990006	cold	Crustal	0.5	0.6	0.2
460990006	cold	Nitrate	12.0	14.3	2.3
460990006	cold	Sulfate	4.5	6.0	1.5
460990006	warm	Carbon	2.2	9.0	6.8
460990006	warm	Crustal	1.3	1.5	0.4
460990006	warm	Nitrate	1.0	1.4	0.5
460990006	warm	Sulfate	7.6	9.4	2.1
470370023	cold	Carbon	3.9	7.8	3.9
470370023	cold	Crustal	0.6	0.9	0.4
470370023	cold	Nitrate	3.4	4.0	0.6
470370023	cold	Sulfate	10.3	10.6	0.3

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
470370023	warm	Carbon	6.2	11.5	5.3
470370023	warm	Crustal	0.8	0.7	0.0
470370023	warm	Nitrate	0.5	0.8	0.3
470370023	warm	Sulfate	22.6	22.6	0.4
470654002	cold	Carbon	5.1	10.8	5.7
470654002	cold	Crustal	0.7	0.8	0.1
470654002	cold	Nitrate	1.1	2.6	1.5
470654002	cold	Sulfate	10.0	11.4	1.5
470654002	warm	Carbon	4.8	10.1	5.3
470654002	warm	Crustal	1.0	0.5	0.0
470654002	warm	Nitrate	0.4	0.9	0.5
470654002	warm	Sulfate	21.4	20.7	0.6
470931020	cold	Carbon	4.7	9.5	4.9
470931020	cold	Crustal	0.5	1.0	0.6
470931020	cold	Nitrate	1.8	5.9	4.0
470931020	cold	Sulfate	7.1	8.7	1.7
470931020	warm	Carbon	5.0	7.6	2.5
470931020	warm	Crustal	0.7	0.7	0.2
470931020	warm	Nitrate	0.7	0.5	0.0
470931020	warm	Sulfate	18.1	17.2	0.4
470990002	cold	Carbon	3.3	5.3	2.1
470990002	cold	Crustal	0.6	0.4	0.0
470990002	cold	Nitrate	2.8	2.9	0.4
470990002	cold	Sulfate	10.0	9.4	0.3
470990002	warm	Carbon	4.0	8.2	4.1
470990002	warm	Crustal	0.8	0.5	0.1
470990002	warm	Nitrate	0.3	0.5	0.2
470990002	warm	Sulfate	20.0	17.3	0.8
471570047	cold	Carbon	6.9	10.9	4.0
471570047	cold	Crustal	2.1	1.4	0.3
471570047	cold	Nitrate	3.2	3.7	0.5
471570047	cold	Sulfate	7.4	10.4	3.0
471570047	warm	Carbon	3.2	12.6	9.4
471570047	warm	Crustal	1.2	0.7	0.0
471570047	warm	Nitrate	0.3	1.2	0.9
471570047	warm	Sulfate	18.6	30.7	12.1
471631007	cold	Carbon	5.8	9.3	3.6
471631007	cold	Crustal	0.7	1.4	0.8
471631007	cold	Nitrate	0.9	3.7	2.8
471631007	cold	Sulfate	6.5	9.2	2.7
471631007	warm	Carbon	7.7	10.6	2.9
471631007	warm	Crustal	0.5	1.0	0.5
471631007	warm	Nitrate	0.5	0.7	0.3
471631007	warm	Sulfate	19.1	22.6	3.5
471650007	cold	Carbon	2.7	13.0	10.3
471650007	cold	Crustal	0.5	0.5	0.1
471650007	cold	Nitrate	3.2	3.8	0.8
471650007	cold	Sulfate	11.8	12.3	0.5
471650007	warm	Carbon	6.7	9.0	2.4

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
471650007	warm	Crustal	0.7	0.7	0.1
471650007	warm	Nitrate	0.5	0.5	0.1
471650007	warm	Sulfate	19.3	16.4	0.0
481410044	cold	Carbon	0.9	24.4	23.5
481410044	cold	Crustal	0.4	2.1	1.7
481410044	cold	Nitrate	0.6	2.7	2.1
481410044	cold	Sulfate	1.6	1.6	0.0
490110004	cold	Carbon	10.8	9.9	0.4
490110004	cold	Crustal	0.8	0.6	0.0
490110004	cold	Nitrate	17.3	28.2	12.3
490110004	cold	Sulfate	1.9	4.4	2.5
490110004	warm	Carbon	11.0	11.1	1.3
490110004	warm	Crustal	1.5	1.9	0.4
490110004	warm	Nitrate	0.9	0.9	0.1
490110004	warm	Sulfate	2.1	2.5	0.4
490353006	cold	Carbon	8.7	15.0	6.3
490353006	cold	Crustal	1.1	1.1	0.1
490353006	cold	Nitrate	18.4	27.0	9.1
490353006	cold	Sulfate	1.7	3.5	1.8
490353006	warm	Carbon	5.4	11.7	6.3
490353006	warm	Crustal	1.8	2.8	1.0
490353006	warm	Nitrate	0.5	0.6	0.1
490353006	warm	Sulfate	1.4	1.6	0.2
490494001	cold	Carbon	0.5	9.7	9.2
490494001	cold	Crustal	0.2	1.1	0.9
490494001	cold	Nitrate	0.6	34.3	33.7
490494001	cold	Sulfate	0.6	2.9	2.3
490494001	warm	Carbon	1.9	11.3	9.5
490494001	warm	Crustal	1.5	1.7	0.4
490494001	warm	Nitrate	0.3	0.9	0.5
490494001	warm	Sulfate	1.9	2.8	0.9
500070012	cold	Carbon	2.4	8.5	6.1
500070012	cold	Crustal	0.4	0.6	0.2
500070012	cold	Nitrate	2.1	10.1	8.0
500070012	cold	Sulfate	7.4	8.9	1.6
500070012	warm	Carbon	3.7	9.8	6.1
500070012	warm	Crustal	0.9	0.6	0.1
500070012	warm	Nitrate	0.2	2.1	1.9
500070012	warm	Sulfate	19.6	22.3	3.0
510870014	cold	Carbon	5.1	8.8	3.8
510870014	cold	Crustal	0.7	0.9	0.2
510870014	cold	Nitrate	1.4	3.3	1.8
510870014	cold	Sulfate	10.8	14.0	3.3
510870014	warm	Carbon	3.4	8.8	5.4
510870014	warm	Crustal	1.0	0.6	0.2
510870014	warm	Nitrate	0.4	0.6	0.2
510870014	warm	Sulfate	19.4	22.8	3.3
511390004	cold	Carbon	1.8	6.0	4.2
511390004	cold	Crustal	0.3	0.3	0.0

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
511390004	cold	Nitrate	1.6	12.7	11.0
511390004	cold	Sulfate	4.6	9.0	4.4
511390004	warm	Carbon	3.2	3.6	0.7
511390004	warm	Crustal	0.9	0.4	0.1
511390004	warm	Nitrate	0.2	1.4	1.2
511390004	warm	Sulfate	23.4	23.1	1.2
515200006	cold	Carbon	7.9	11.9	3.9
515200006	cold	Crustal	0.8	0.6	0.0
515200006	cold	Nitrate	1.7	5.0	3.3
515200006	cold	Sulfate	4.9	5.6	0.8
515200006	warm	Carbon	6.9	6.1	0.3
515200006	warm	Crustal	0.6	0.5	0.0
515200006	warm	Nitrate	0.7	1.3	0.6
515200006	warm	Sulfate	18.2	25.1	6.9
517700014	cold	Carbon	7.5	12.1	4.5
517700014	cold	Crustal	0.5	0.7	0.2
517700014	cold	Nitrate	2.6	3.6	1.0
517700014	cold	Sulfate	5.7	6.9	1.3
517700014	warm	Carbon	9.7	9.1	0.0
517700014	warm	Crustal	0.7	0.4	0.0
517700014	warm	Nitrate	1.4	0.9	0.0
517700014	warm	Sulfate	19.1	21.5	2.4
530330024	cold	Carbon	0.8	21.7	20.9
530330024	cold	Crustal	0.2	0.6	0.4
530330024	cold	Nitrate	0.2	2.9	2.7
530330024	cold	Sulfate	0.7	3.6	2.8
530330024	warm	Carbon	2.7	5.2	2.5
530330024	warm	Crustal	0.7	0.6	0.0
530330024	warm	Nitrate	0.3	0.8	0.5
530330024	warm	Sulfate	1.9	3.5	1.6
530330057	cold	Carbon	1.3	20.3	19.1
530330057	cold	Crustal	0.2	1.7	1.6
530330057	cold	Nitrate	0.2	5.2	4.9
530330057	cold	Sulfate	0.9	5.9	5.0
530330057	warm	Carbon	1.7	9.0	7.3
530330057	warm	Crustal	0.2	0.8	0.6
530330057	warm	Nitrate	0.4	2.4	2.0
530330057	warm	Sulfate	1.6	5.4	3.7
530330080	cold	Carbon	1.3	16.4	15.1
530330080	cold	Crustal	0.2	0.5	0.3
530330080	cold	Nitrate	0.2	3.1	2.9
530330080	cold	Sulfate	0.8	4.5	3.7
530330080	warm	Carbon	3.5	10.5	7.0
530330080	warm	Crustal	0.5	0.5	0.1
530330080	warm	Nitrate	0.3	1.5	1.2
530330080	warm	Sulfate	1.5	3.8	2.3
530630016	cold	Carbon	12.6	23.8	11.2
530630016	cold	Crustal	0.4	6.3	5.9
530630016	cold	Nitrate	0.6	3.4	2.7

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
530630016	cold	Sulfate	0.9	1.6	0.7
530630016	warm	Carbon	2.7	5.0	2.3
530630016	warm	Crustal	0.8	5.9	5.1
530630016	warm	Nitrate	0.2	0.4	0.2
530630016	warm	Sulfate	1.1	1.0	0.0
540390011	cold	Carbon	2.7	4.0	1.5
540390011	cold	Crustal	0.8	0.6	0.0
540390011	cold	Nitrate	0.6	0.6	0.1
540390011	cold	Sulfate	10.4	15.5	5.4
540390011	warm	Carbon	3.7	9.1	5.4
540390011	warm	Crustal	1.2	0.7	0.0
540390011	warm	Nitrate	0.4	0.8	0.5
540390011	warm	Sulfate	23.3	25.3	4.1
540391005	cold	Carbon	3.2	8.7	5.6
540391005	cold	Crustal	0.5	0.8	0.3
540391005	cold	Nitrate	1.1	2.6	1.4
540391005	cold	Sulfate	7.4	13.4	6.0
540391005	warm	Carbon	4.5	11.0	6.5
540391005	warm	Crustal	1.2	1.3	0.3
540391005	warm	Nitrate	0.5	1.3	0.8
540391005	warm	Sulfate	23.0	24.2	3.2
540511002	cold	Carbon	2.5	10.0	7.5
540511002	cold	Crustal	0.5	0.4	0.1
540511002	cold	Nitrate	0.9	2.0	1.1
540511002	cold	Sulfate	7.9	9.4	1.4
540511002	warm	Carbon	2.5	7.8	5.3
540511002	warm	Crustal	1.5	0.7	0.1
540511002	warm	Nitrate	0.2	0.7	0.5
540511002	warm	Sulfate	30.7	29.9	1.2
550270007	cold	Carbon	2.0	4.7	2.8
550270007	cold	Crustal	0.4	0.4	0.1
550270007	cold	Nitrate	15.2	22.7	7.5
550270007	cold	Sulfate	4.1	6.5	2.4
550270007	warm	Carbon	3.7	6.2	2.7
550270007	warm	Crustal	1.0	0.5	0.0
550270007	warm	Nitrate	0.6	3.8	3.2
550270007	warm	Sulfate	17.0	24.5	7.5
550590019	cold	Carbon	11.1	6.8	0.1
550590019	cold	Crustal	0.6	0.5	0.1
550590019	cold	Nitrate	22.2	21.1	0.1
550590019	cold	Sulfate	9.5	7.8	0.0
550590019	warm	Carbon	7.6	7.2	0.1
550590019	warm	Crustal	0.9	0.8	0.1
550590019	warm	Nitrate	2.2	2.1	0.3
550590019	warm	Sulfate	22.5	23.5	1.9
550710007	cold	Carbon	4.8	3.4	0.1
550710007	cold	Crustal	0.2	0.2	0.0
550710007	cold	Nitrate	9.4	10.2	2.4
550710007	cold	Sulfate	5.2	5.4	0.7

Table A-4: Summary of the Seasonal Pollutant Urban Increment Calculated at each Chemical Speciation Network Site

CSN AQS ID	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)
550710007	warm	Carbon	9.0	6.5	0.0
550710007	warm	Crustal	0.4	0.6	0.4
550710007	warm	Nitrate	1.9	2.7	0.8
550710007	warm	Sulfate	15.2	13.5	0.9
550790026	cold	Carbon	5.4	6.6	1.8
550790026	cold	Crustal	0.3	0.9	0.5
550790026	cold	Nitrate	18.1	21.0	3.7
550790026	cold	Sulfate	6.6	7.0	0.6
550790026	warm	Carbon	7.1	8.1	1.4
550790026	warm	Crustal	0.5	0.9	0.4
550790026	warm	Nitrate	2.6	2.7	0.3
550790026	warm	Sulfate	22.1	24.2	2.2
551198001	cold	Carbon	1.8	1.5	0.0
551198001	cold	Crustal	0.4	0.2	0.0
551198001	cold	Nitrate	14.1	15.2	1.1
551198001	cold	Sulfate	5.0	6.8	1.8
551198001	warm	Carbon	2.9	5.4	2.5
551198001	warm	Crustal	0.6	0.6	0.2
551198001	warm	Nitrate	0.9	1.6	0.7
551198001	warm	Sulfate	8.8	10.6	2.3
551330027	cold	Carbon	4.6	8.4	3.8
551330027	cold	Crustal	0.3	2.5	2.2
551330027	cold	Nitrate	18.0	21.5	3.8
551330027	cold	Sulfate	7.6	8.2	0.9
551330027	warm	Carbon	5.7	5.4	0.1
551330027	warm	Crustal	0.7	1.4	0.8
551330027	warm	Nitrate	2.4	2.0	0.0
551330027	warm	Sulfate	26.3	24.0	0.0

Table A-5: Summary of the Derivation Method Used to Calculate the Urban Increment for the Highest Site within a County Violating the 24-Hour PM2.5 NAAQS

Area Name	Violating County	AQS ID of Violating Monitor	Increment Derivation C=Collocated I=Interpolated RD=Regional Default	HEI Region	CSN Site ID Used in Interpolation	Distance from Violating Site (miles)	Weight Applied to CSN Site
Albany, GA	Dougherty, GA	130950007	RD	SE			
Allentown, PA	Northampton, PA	420950025	C				
Atlanta, GA	Clayton, GA	130630091	I		130890002	8	1.00
Baltimore, MD	Baltimore (City), MD	245100040	I		240030019	15	0.24
Baltimore, MD	Baltimore (City), MD	245100040	I		240053001	7	0.76
Baltimore, MD	Baltimore, MD	240053001	C				
Birmingham, AL	Jefferson, AL	010730023	C				
Canton, OH	Stark, OH	391510017	C				
Charleston, WV	Kanawha, WV	540391005	C				
Chattanooga, TN	Hamilton, TN	470650031	I		470654002	6	1.00
Chicago, IL	Cook, IL	170311016	I		180890022	30	0.05
Chicago, IL	Cook, IL	170311016	I		180892004	24	0.07
Chicago, IL	Cook, IL	170311016	I		170314201	24	0.07
Chicago, IL	Cook, IL	170311016	I		170434002	17	0.12
Chicago, IL	Cook, IL	170311016	I		170310057	10	0.27
Chicago, IL	Cook, IL	170311016	I		170310076	7	0.43
Chicago, IL	Lake, IN	180890022	C				
Chicago, IL	Will, IL	171971002	I		170314201	45	0.08
Chicago, IL	Will, IL	171971002	I		180890022	42	0.09
Chicago, IL	Will, IL	171971002	I		170310057	34	0.13
Chicago, IL	Will, IL	171971002	I		180892004	33	0.13
Chicago, IL	Will, IL	171971002	I		170310076	26	0.19
Chicago, IL	Will, IL	171971002	I		170434002	17	0.37
Chico, CA	Butte, CA	060070002	C				
Cincinnati, OH	Butler, OH	390170003	I		211170007	31	0.03
Cincinnati, OH	Butler, OH	390170003	I		390610040	26	0.04
Cincinnati, OH	Butler, OH	390170003	I		390171004	3	0.93
Cincinnati, OH	Hamilton, OH	390618001	I		390171004	25	0.04
Cincinnati, OH	Hamilton, OH	390618001	I		211170007	8	0.24
Cincinnati, OH	Hamilton, OH	390618001	I		390610040	4	0.72
Clarksville, TN	Montgomery, TN	471251009	RD	SE			
Cleveland, OH	Cuyahoga, OH	390350038	C				
Cleveland, OH	Summit, OH	391530017	I		390930016	44	0.02
Cleveland, OH	Summit, OH	391530017	I		390933002	43	0.03
Cleveland, OH	Summit, OH	391530017	I		390350060	32	0.04
Cleveland, OH	Summit, OH	391530017	I		390350038	31	0.04
Cleveland, OH	Summit, OH	391530017	I		391530023	4	0.86
Columbus, GA	Muscogee, GA	132150008	I		132150011	6	1.00
Columbus, GA	Russell, AL	011130001	I		132150011	5	1.00
Columbus, OH	Franklin, OH	390490025	I		390490081	11	1.00
Davenport, IA	Scott, IA	191630019	I		191630015	2	1.00
Dayton, OH	Montgomery, OH	391130032	I		391130031	2	1.00
Detroit, MI	Macomb, MI	260990009	I		261610008	53	0.23
Detroit, MI	Macomb, MI	260990009	I		261630001	41	0.34
Detroit, MI	Macomb, MI	260990009	I		261630033	34	0.44
Detroit, MI	Monroe, MI	261150005	I		261630033	41	0.28
Detroit, MI	Monroe, MI	261150005	I		261630001	35	0.35
Detroit, MI	Monroe, MI	261150005	I		261610008	34	0.37
Detroit, MI	Oakland, MI	261250001	I		261610008	26	0.15
Detroit, MI	Oakland, MI	261250001	I		261630001	16	0.30
Detroit, MI	Oakland, MI	261250001	I		261630033	11	0.55
Detroit, MI	St. Clair, MI	261470005	I		261610008	76	0.26
Detroit, MI	St. Clair, MI	261470005	I		261630001	63	0.34
Detroit, MI	St. Clair, MI	261470005	I		261630033	57	0.40

Table A-5: Summary of the Derivation Method Used to Calculate the Urban Increment for the Highest Site within a County Violating the 24-Hour PM2.5 NAAQS

Area Name	Violating County	AQS ID of Violating Monitor	Increment Derivation C=Collocated I=Interpolated RD=Regional Default	HEI Region	CSN Site ID Used in Interpolation	Distance from Violating Site (miles)	Weight Applied to CSN Site
Detroit, MI	Washtenaw, MI	261610008	C				
Detroit, MI	Wayne, MI	261630033	C				
Evansville, IN	Dubois, IN	180372001	C				
Evansville, IN	Vanderburgh, IN	181630006	I		180372001	45	0.02
Evansville, IN	Vanderburgh, IN	181630006	I		181630012	3	0.98
Franklin County, ID	Cache, UT	490050004	RD	NW			
Franklin County, ID	Franklin, ID	160410001	RD	NW			
Gadsden, AL	Etowah, AL	010550010	RD	SE			
Grand Rapids, MI	Kent, MI	260810020	C				
Green Bay, WI	Brown, WI	550090005	RD	IMW			
Hamilton, MT	Ravalli, MT	300810007	RD	NW			
Harrisburg, PA	Cumberland, PA	420410101	I		420430401	18	1.00
Harrisburg, PA	Dauphin, PA	420430401	C				
Huntington, WV	Cabell, WV	540110006	I		390870010	15	0.42
Huntington, WV	Cabell, WV	540110006	I		210190017	12	0.58
Huntington, WV	Scioto, OH	391450013	I		210190017	25	0.43
Huntington, WV	Scioto, OH	391450013	I		390870010	21	0.57
Imperial County, CA	Imperial, CA	060250005	C				
Indianpolis, IN	Marion, IN	180970043	I		180970078	5	1.00
Johnstown, PA	Cambria, PA	420210011	RD	IMW			
Klamath Falls, OR	Klamath, OR	410350004	RD	NW			
Knoxville, TN	Knox, TN	470930028	I		470931020	11	1.00
Lafayette, IN	Tippecanoe, IN	181570008	RD	IMW			
Lancaster, PA	Lancaster, PA	420710007	C				
Libby, MT	Lincoln, MT	300530018	C				
Logan, UT	Cache, UT	490050004	RD	NW			
Los Angeles, CA	Los Angeles, CA	060371602	I		060658001	38	0.12
Los Angeles, CA	Los Angeles, CA	060371602	I		060371103	10	0.88
Los Angeles, CA	Orange, CA	060590007	I		060658001	32	0.38
Los Angeles, CA	Orange, CA	060590007	I		060371103	23	0.62
Los Angeles, CA	Riverside, CA	060658001	C				
Los Angeles, CA	San Bernardino, CA	060719004	I		060371103	55	0.08
Los Angeles, CA	San Bernardino, CA	060719004	I		060658001	11	0.92
Louisville, KY	Clark, IN	180190006	I		211110043	6	0.24
Louisville, KY	Clark, IN	180190006	I		211110048	3	0.76
Louisville, KY	Jefferson, KY	211110048	C				
Madison, WI	Dane, WI	550250047	RD	IMW			
Milwaukee, WI	Milwaukee, WI	550790043	I		551330027	15	0.06
Milwaukee, WI	Milwaukee, WI	550790043	I		550790026	2	0.94
Milwaukee, WI	Waukesha, WI	551330027	C				
Missoula, MT	Missoula, MT	300630031	C				
Morgantown, WV	Monongalia, WV	540610003	RD	IMW			
Muscatine, IA	Muscatine, IA	191390015	RD	UMW			
New York, New York	Bergen, NJ	340030003	I		090090027	64	0.01
New York, New York	Bergen, NJ	340030003	I		090091123	64	0.01
New York, New York	Bergen, NJ	340030003	I		340273001	37	0.02
New York, New York	Bergen, NJ	340030003	I		340230006	35	0.02
New York, New York	Bergen, NJ	340030003	I		340390004	19	0.04
New York, New York	Bergen, NJ	340030003	I		360810124	11	0.09
New York, New York	Bergen, NJ	340030003	I		360610062	9	0.13
New York, New York	Bergen, NJ	340030003	I		360050083	5	0.32
New York, New York	Bergen, NJ	340030003	I		360050110	4	0.37
New York, New York	Bronx, NY	360050080	I		090090027	62	0.00
New York, New York	Bronx, NY	360050080	I		090091123	62	0.00

Table A-5: Summary of the Derivation Method Used to Calculate the Urban Increment for the Highest Site within a County Violating the 24-Hour PM2.5 NAAQS

Area Name	Violating County	AQS ID of Violating Monitor	Increment Derivation C=Collocated I=Interpolated RD=Regional Default	HEI Region	CSN Site ID Used in Interpolation	Distance from Violating Site (miles)	Weight Applied to CSN Site
New York, New York	Bronx, NY	360050080	I		340273001	40	0.01
New York, New York	Bronx, NY	360050080	I		340230006	37	0.01
New York, New York	Bronx, NY	360050080	I		340390004	20	0.01
New York, New York	Bronx, NY	360050080	I		360610062	9	0.05
New York, New York	Bronx, NY	360050080	I		360810124	9	0.05
New York, New York	Bronx, NY	360050080	I		360050083	3	0.26
New York, New York	Bronx, NY	360050080	I		360050110	2	0.61
New York, New York	Essex, NJ	340130015	I		090090027	79	0.01
New York, New York	Essex, NJ	340130015	I		090091123	78	0.01
New York, New York	Essex, NJ	340130015	I		340273001	25	0.05
New York, New York	Essex, NJ	340130015	I		340230006	21	0.07
New York, New York	Essex, NJ	340130015	I		360810124	20	0.07
New York, New York	Essex, NJ	340130015	I		360050083	19	0.08
New York, New York	Essex, NJ	340130015	I		360050110	17	0.10
New York, New York	Essex, NJ	340130015	I		360610062	11	0.19
New York, New York	Essex, NJ	340130015	I		340390004	6	0.42
New York, New York	Fairfield, CT	090010010	I		340273001	82	0.03
New York, New York	Fairfield, CT	090010010	I		340230006	80	0.03
New York, New York	Fairfield, CT	090010010	I		340390004	64	0.04
New York, New York	Fairfield, CT	090010010	I		360610062	53	0.06
New York, New York	Fairfield, CT	090010010	I		360810124	45	0.07
New York, New York	Fairfield, CT	090010010	I		360050110	44	0.08
New York, New York	Fairfield, CT	090010010	I		360050083	42	0.08
New York, New York	Fairfield, CT	090010010	I		090090027	18	0.30
New York, New York	Fairfield, CT	090010010	I		090091123	17	0.31
New York, New York	Hudson, NJ	340171003	I		090090027	72	0.00
New York, New York	Hudson, NJ	340171003	I		090091123	72	0.00
New York, New York	Hudson, NJ	340171003	I		340273001	33	0.01
New York, New York	Hudson, NJ	340171003	I		340230006	26	0.02
New York, New York	Hudson, NJ	340171003	I		360050083	13	0.06
New York, New York	Hudson, NJ	340171003	I		360810124	12	0.06
New York, New York	Hudson, NJ	340171003	I		360050110	10	0.08
New York, New York	Hudson, NJ	340171003	I		340390004	10	0.09
New York, New York	Hudson, NJ	340171003	I		360610062	3	0.67
New York, New York	Kings, NY	360470122	I		090090027	68	0.00
New York, New York	Kings, NY	360470122	I		090091123	68	0.00
New York, New York	Kings, NY	360470122	I		340273001	39	0.01
New York, New York	Kings, NY	360470122	I		340230006	30	0.02
New York, New York	Kings, NY	360470122	I		340390004	15	0.05
New York, New York	Kings, NY	360470122	I		360050083	11	0.08
New York, New York	Kings, NY	360470122	I		360050110	7	0.14
New York, New York	Kings, NY	360470122	I		360810124	7	0.16
New York, New York	Kings, NY	360470122	I		360610062	3	0.54
New York, New York	New Haven, CT	090091123	C				
New York, New York	New York, NY	360610056	I		090090027	67	0.00
New York, New York	New York, NY	360610056	I		090091123	67	0.00
New York, New York	New York, NY	360610056	I		340273001	37	0.01
New York, New York	New York, NY	360610056	I		340230006	31	0.02
New York, New York	New York, NY	360610056	I		340390004	15	0.05
New York, New York	New York, NY	360610056	I		360050083	9	0.11
New York, New York	New York, NY	360610056	I		360810124	8	0.13
New York, New York	New York, NY	360610056	I		360050110	5	0.23
New York, New York	New York, NY	360610056	I		360610062	3	0.45
New York, New York	Union, NJ	340390004	C				

Table A-5: Summary of the Derivation Method Used to Calculate the Urban Increment for the Highest Site within a County Violating the 24-Hour PM2.5 NAAQS

Area Name	Violating County	AQS ID of Violating Monitor	Increment Derivation C=Collocated I=Interpolated RD=Regional Default	HEI Region	CSN Site ID Used in Interpolation	Distance from Violating Site (miles)	Weight Applied to CSN Site
Nogales, AZ	Santa Cruz, AZ	040230004	RD	SW			
Oak Ridge, OR	Lane, OR	410392013	RD	NW			
Paducah, KY	McCracken, KY	211451004	C				
Parkersburg, WV	Wood, WV	541071002	RD	IMW			
Philadelphia, PA	Camden, NJ	340071007	I		420290100	40	0.01
Philadelphia, PA	Camden, NJ	340071007	I		420450002	20	0.03
Philadelphia, PA	Camden, NJ	340071007	I		421010136	10	0.09
Philadelphia, PA	Camden, NJ	340071007	I		340070003	5	0.25
Philadelphia, PA	Camden, NJ	340071007	I		421010004	3	0.61
Philadelphia, PA	New Castle, DE	100032004	I		421010004	31	0.09
Philadelphia, PA	New Castle, DE	100032004	I		340070003	28	0.10
Philadelphia, PA	New Castle, DE	100032004	I		421010136	22	0.14
Philadelphia, PA	New Castle, DE	100032004	I		420290100	13	0.31
Philadelphia, PA	New Castle, DE	100032004	I		420450002	12	0.36
Philadelphia, PA	Philadelphia, PA	421010004	C				
Pinehurst, ID	Shoshone, ID	160790017	RD	NW			
Pittsburgh, PA	Allegheny, PA	420030093	I		421290008	34	0.09
Pittsburgh, PA	Allegheny, PA	420030093	I		421255001	24	0.16
Pittsburgh, PA	Allegheny, PA	420030093	I		420030064	21	0.19
Pittsburgh, PA	Allegheny, PA	420030093	I		420030008	10	0.56
Pittsburgh, PA	Beaver, PA	420070014	I		421290008	53	0.11
Pittsburgh, PA	Beaver, PA	420070014	I		420030064	38	0.18
Pittsburgh, PA	Beaver, PA	420070014	I		420030008	27	0.30
Pittsburgh, PA	Beaver, PA	420070014	I		421255001	22	0.41
Pittsburgh, PA	Washington, PA	421255001	C				
Pittsburgh, PA	Westmoreland, PA	421290008	C				
Provo, UT	Utah, UT	490494001	C				
Reading, PA	Berks, PA	420110010	RD	NE			
Sacramento, CA	Placer, CA	060610006	I		060670010	18	0.32
Sacramento, CA	Placer, CA	060610006	I		060670006	11	0.68
Sacramento, CA	Sacramento, CA	060670006	C				
Salt Lake City, UT	Davis, UT	490110004	C				
Salt Lake City, UT	Salt Lake, UT	490350003	I		490110004	18	0.17
Salt Lake City, UT	Salt Lake, UT	490350003	I		490353006	6	0.83
Salt Lake City, UT	Weber, UT	490570002	I		490353006	33	0.35
Salt Lake City, UT	Weber, UT	490570002	I		490110004	22	0.65
San Francisco, CA	Santa Clara, CA	060850005	C				
San Francisco, CA	Solano, CA	060950004	I		060850005	55	1.00
San Joaquin Valley, CA	Fresno, CA	060195025	I		060290014	102	0.01
San Joaquin Valley, CA	Fresno, CA	060195025	I		060990005	94	0.01
San Joaquin Valley, CA	Fresno, CA	060195025	I		061072002	37	0.04
San Joaquin Valley, CA	Fresno, CA	060195025	I		060190008	4	0.94
San Joaquin Valley, CA	Kern, CA	060290010	I		060990005	191	0.00
San Joaquin Valley, CA	Kern, CA	060290010	I		060190008	105	0.00
San Joaquin Valley, CA	Kern, CA	060290010	I		061072002	67	0.01
San Joaquin Valley, CA	Kern, CA	060290010	I		060290014	2	0.99
San Joaquin Valley, CA	Kings, CA	060310004	I		060990005	133	0.04
San Joaquin Valley, CA	Kings, CA	060310004	I		060290014	59	0.14
San Joaquin Valley, CA	Kings, CA	060310004	I		060190008	48	0.19
San Joaquin Valley, CA	Kings, CA	060310004	I		061072002	22	0.62
San Joaquin Valley, CA	Merced, CA	060472510	I		060290014	157	0.06
San Joaquin Valley, CA	Merced, CA	060472510	I		061072002	94	0.13
San Joaquin Valley, CA	Merced, CA	060472510	I		060190008	54	0.29
San Joaquin Valley, CA	Merced, CA	060472510	I		060990005	36	0.52

Table A-5: Summary of the Derivation Method Used to Calculate the Urban Increment for the Highest Site within a County Violating the 24-Hour PM2.5 NAAQS

Area Name	Violating County	AQS ID of Violating Monitor	Increment Derivation C=Collocated I=Interpolated RD=Regional Default	HEI Region	CSN Site ID Used in Interpolation	Distance from Violating Site (miles)	Weight Applied to CSN Site
San Joaquin Valley, CA	San Joaquin, CA	060771002	I		060290014	218	0.03
San Joaquin Valley, CA	San Joaquin, CA	060771002	I		061072002	156	0.06
San Joaquin Valley, CA	San Joaquin, CA	060771002	I		060190008	115	0.09
San Joaquin Valley, CA	San Joaquin, CA	060771002	I		060990005	26	0.82
San Joaquin Valley, CA	Stanislaus, CA	060990005	C				
San Joaquin Valley, CA	Tulare, CA	061072002	C				
St. Louis, MO	Madison, IL	171191007	I		290990012	22	0.07
St. Louis, MO	Madison, IL	171191007	I		171192009	14	0.15
St. Louis, MO	Madison, IL	171191007	I		295100085	5	0.77
State College, PA	Centre, PA	420270100	C				
Steubenville, OH	Brooke, WV	540090005	I		390810017	2	1.00
Steubenville, OH	Hancock, WV	540290011	I		390810017	2	1.00
Steubenville, OH	Jefferson, OH	390811001	I		390810017	3	1.00
Tacoma, WA	Pierce, WA	530530029	I		530330024	40	0.22
Tacoma, WA	Pierce, WA	530530029	I		530330080	27	0.38
Tacoma, WA	Pierce, WA	530530029	I		530330057	27	0.40
Vincennes, IN	Knox, IN	180830004	RD	IMW			
Washington, DC	District of Columbia, DC	110010041	I		240330030	12	0.09
Washington, DC	District of Columbia, DC	110010041	I		110010042	4	0.38
Washington, DC	District of Columbia, DC	110010041	I		110010043	4	0.53
York, PA	York, PA	421330008	C				
Youngstown, OH	Mahoning, OH	390990014	C				
Youngstown, OH	Trumbull, OH	391550007	I		390990014	11	1.00
Yuba City, CA	Sutter, CA	061010003	RD	NW			

Table A-6: Summary of the Violating County Specific Seasonal Pollutant Urban Increment and Fraction Used in the CES Calculation

Area Name	Violating County	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)	Increment Fraction
Albany, GA	Dougherty, GA	cold	Carbon	6.0	10.5	4.5	0.74
Albany, GA	Dougherty, GA	cold	Crustal	0.7	1.0	0.3	0.05
Albany, GA	Dougherty, GA	cold	Nitrate	0.8	1.1	0.3	0.05
Albany, GA	Dougherty, GA	cold	Sulfate	9.4	10.4	1.0	0.16
Albany, GA	Dougherty, GA	warm	Carbon	7.1	11.0	3.9	0.66
Albany, GA	Dougherty, GA	warm	Crustal	0.8	0.8	0.0	0.00
Albany, GA	Dougherty, GA	warm	Nitrate	0.0	0.0	0.0	0.00
Albany, GA	Dougherty, GA	warm	Sulfate	17.9	19.9	2.0	0.34
Allentown, PA	Northampton, PA	cold	Carbon	10.4	11.3	0.9	0.90
Allentown, PA	Northampton, PA	cold	Crustal	0.6	0.7	0.1	0.10
Allentown, PA	Northampton, PA	cold	Nitrate	9.4	6.9	0.0	0.00
Allentown, PA	Northampton, PA	cold	Sulfate	10.5	10.3	0.0	0.00
Allentown, PA	Northampton, PA	warm	Carbon	7.0	13.5	6.5	0.79
Allentown, PA	Northampton, PA	warm	Crustal	0.5	0.5	0.0	0.00
Allentown, PA	Northampton, PA	warm	Nitrate	0.0	0.0	0.0	0.00
Allentown, PA	Northampton, PA	warm	Sulfate	20.3	22.0	1.7	0.21
Atlanta, GA	Clayton, GA	cold	Carbon	9.2	15.9	6.7	0.79
Atlanta, GA	Clayton, GA	cold	Crustal	1.5	1.0	0.0	0.00
Atlanta, GA	Clayton, GA	cold	Nitrate	0.4	1.0	0.6	0.07
Atlanta, GA	Clayton, GA	cold	Sulfate	9.5	10.7	1.2	0.14
Atlanta, GA	Clayton, GA	warm	Carbon	9.6	13.4	3.8	0.54
Atlanta, GA	Clayton, GA	warm	Crustal	1.4	0.9	0.0	0.00
Atlanta, GA	Clayton, GA	warm	Nitrate	0.0	0.0	0.0	0.00
Atlanta, GA	Clayton, GA	warm	Sulfate	17.3	20.5	3.2	0.46
Baltimore, MD	Baltimore (City), MD	cold	Carbon	6.7	17.1	10.4	0.34
Baltimore, MD	Baltimore (City), MD	cold	Crustal	0.7	0.9	0.2	0.01
Baltimore, MD	Baltimore (City), MD	cold	Nitrate	4.4	6.5	2.1	0.07
Baltimore, MD	Baltimore (City), MD	cold	Sulfate	6.7	9.3	2.6	0.08
Baltimore, MD	Baltimore (City), MD	warm	Carbon	5.2	10.2	5.0	0.32
Baltimore, MD	Baltimore (City), MD	warm	Crustal	0.9	0.7	0.0	0.00
Baltimore, MD	Baltimore (City), MD	warm	Nitrate	0.0	0.0	0.0	0.00
Baltimore, MD	Baltimore (City), MD	warm	Sulfate	24.5	27.3	2.7	0.18
Baltimore, MD	Baltimore, MD	cold	Carbon	7.3	21.3	14.0	0.75
Baltimore, MD	Baltimore, MD	cold	Crustal	0.7	0.9	0.2	0.01
Baltimore, MD	Baltimore, MD	cold	Nitrate	3.2	4.5	1.3	0.07
Baltimore, MD	Baltimore, MD	cold	Sulfate	5.5	8.7	3.2	0.17
Baltimore, MD	Baltimore, MD	warm	Carbon	6.0	11.8	5.8	0.66
Baltimore, MD	Baltimore, MD	warm	Crustal	1.0	0.9	0.0	0.00
Baltimore, MD	Baltimore, MD	warm	Nitrate	0.0	0.0	0.0	0.00
Baltimore, MD	Baltimore, MD	warm	Sulfate	23.9	26.9	3.0	0.34
Birmingham, AL	Jefferson, AL	cold	Carbon	4.7	17.2	12.5	0.71
Birmingham, AL	Jefferson, AL	cold	Crustal	0.8	2.7	1.9	0.11
Birmingham, AL	Jefferson, AL	cold	Nitrate	0.5	0.5	0.0	0.00
Birmingham, AL	Jefferson, AL	cold	Sulfate	8.9	12.1	3.2	0.18
Birmingham, AL	Jefferson, AL	warm	Carbon	10.6	20.2	9.6	0.61
Birmingham, AL	Jefferson, AL	warm	Crustal	0.8	2.2	1.4	0.09
Birmingham, AL	Jefferson, AL	warm	Nitrate	0.0	0.0	0.0	0.00
Birmingham, AL	Jefferson, AL	warm	Sulfate	21.8	26.6	4.8	0.30
Canton, OH	Stark, OH	cold	Carbon	3.5	8.2	4.7	0.61
Canton, OH	Stark, OH	cold	Crustal	0.5	0.8	0.3	0.04
Canton, OH	Stark, OH	cold	Nitrate	4.9	7.3	2.4	0.31
Canton, OH	Stark, OH	cold	Sulfate	8.0	8.3	0.3	0.04
Canton, OH	Stark, OH	warm	Carbon	8.4	9.5	1.1	0.17
Canton, OH	Stark, OH	warm	Crustal	1.5	1.6	0.1	0.02
Canton, OH	Stark, OH	warm	Nitrate	0.0	0.0	0.0	0.00
Canton, OH	Stark, OH	warm	Sulfate	33.2	38.5	5.3	0.82
Charleston, WV	Kanawha, WV	cold	Carbon	3.2	8.7	5.5	0.46

Table A-6: Summary of the Violating County Specific Seasonal Pollutant Urban Increment and Fraction Used in the CES Calculation

Area Name	Violating County	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)	Increment Fraction
Charleston, WV	Kanawha, WV	cold	Crustal	0.5	0.8	0.3	0.03
Charleston, WV	Kanawha, WV	cold	Nitrate	0.0	0.1	0.1	0.01
Charleston, WV	Kanawha, WV	cold	Sulfate	7.4	13.4	6.0	0.50
Charleston, WV	Kanawha, WV	warm	Carbon	4.5	11.0	6.5	0.83
Charleston, WV	Kanawha, WV	warm	Crustal	1.2	1.3	0.1	0.01
Charleston, WV	Kanawha, WV	warm	Nitrate	0.0	0.0	0.0	0.00
Charleston, WV	Kanawha, WV	warm	Sulfate	23.0	24.2	1.2	0.15
Chattanooga, TN	Hamilton, TN	cold	Carbon	5.1	10.8	5.7	0.73
Chattanooga, TN	Hamilton, TN	cold	Crustal	0.7	0.8	0.1	0.01
Chattanooga, TN	Hamilton, TN	cold	Nitrate	0.4	1.0	0.6	0.08
Chattanooga, TN	Hamilton, TN	cold	Sulfate	10.0	11.4	1.4	0.18
Chattanooga, TN	Hamilton, TN	warm	Carbon	4.8	10.1	5.3	1.00
Chattanooga, TN	Hamilton, TN	warm	Crustal	1.0	0.5	0.0	0.00
Chattanooga, TN	Hamilton, TN	warm	Nitrate	0.0	0.0	0.0	0.00
Chattanooga, TN	Hamilton, TN	warm	Sulfate	21.4	20.7	0.0	0.00
Chicago, IL	Cook, IL	cold	Carbon	6.1	14.5	8.4	0.16
Chicago, IL	Cook, IL	cold	Crustal	0.7	0.8	0.0	0.00
Chicago, IL	Cook, IL	cold	Nitrate	15.6	14.9	0.0	0.00
Chicago, IL	Cook, IL	cold	Sulfate	7.5	7.9	0.4	0.01
Chicago, IL	Cook, IL	warm	Carbon	5.8	8.9	3.1	0.13
Chicago, IL	Cook, IL	warm	Crustal	0.9	1.2	0.3	0.01
Chicago, IL	Cook, IL	warm	Nitrate	0.0	0.0	0.0	0.00
Chicago, IL	Cook, IL	warm	Sulfate	25.3	25.8	0.5	0.02
Chicago, IL	Lake, IN	cold	Carbon	3.7	23.5	19.8	0.71
Chicago, IL	Lake, IN	cold	Crustal	0.4	2.5	2.1	0.08
Chicago, IL	Lake, IN	cold	Nitrate	6.4	5.8	0.0	0.00
Chicago, IL	Lake, IN	cold	Sulfate	4.7	10.7	6.0	0.22
Chicago, IL	Lake, IN	warm	Carbon	4.8	11.5	6.7	0.65
Chicago, IL	Lake, IN	warm	Crustal	0.9	1.6	0.7	0.07
Chicago, IL	Lake, IN	warm	Nitrate	0.0	0.0	0.0	0.00
Chicago, IL	Lake, IN	warm	Sulfate	20.8	23.7	2.9	0.28
Chicago, IL	Will, IL	cold	Carbon	5.8	12.1	6.3	0.13
Chicago, IL	Will, IL	cold	Crustal	0.7	0.8	0.1	0.00
Chicago, IL	Will, IL	cold	Nitrate	15.0	15.5	0.4	0.01
Chicago, IL	Will, IL	cold	Sulfate	7.3	8.4	1.1	0.02
Chicago, IL	Will, IL	warm	Carbon	5.5	8.5	3.0	0.12
Chicago, IL	Will, IL	warm	Crustal	0.9	1.0	0.1	0.00
Chicago, IL	Will, IL	warm	Nitrate	0.0	0.0	0.0	0.00
Chicago, IL	Will, IL	warm	Sulfate	24.6	25.8	1.1	0.04
Chico, CA	Butte, CA	cold	Carbon	3.2	44.5	41.3	0.77
Chico, CA	Butte, CA	cold	Crustal	0.3	0.5	0.2	0.00
Chico, CA	Butte, CA	cold	Nitrate	1.8	12.7	10.9	0.20
Chico, CA	Butte, CA	cold	Sulfate	0.6	1.8	1.2	0.02
Chico, CA	Butte, CA	warm	Carbon	2.6	8.8	6.2	0.85
Chico, CA	Butte, CA	warm	Crustal	1.1	0.9	0.0	0.00
Chico, CA	Butte, CA	warm	Nitrate	0.0	0.0	0.0	0.00
Chico, CA	Butte, CA	warm	Sulfate	2.3	3.4	1.1	0.15
Cincinnati, OH	Butler, OH	cold	Carbon	5.2	5.9	0.7	0.06
Cincinnati, OH	Butler, OH	cold	Crustal	0.6	0.7	0.1	0.01
Cincinnati, OH	Butler, OH	cold	Nitrate	5.1	4.9	0.0	0.00
Cincinnati, OH	Butler, OH	cold	Sulfate	10.5	13.7	3.3	0.27
Cincinnati, OH	Butler, OH	warm	Carbon	7.5	7.0	0.0	0.00
Cincinnati, OH	Butler, OH	warm	Crustal	1.0	1.1	0.1	0.00
Cincinnati, OH	Butler, OH	warm	Nitrate	0.0	0.0	0.0	0.00
Cincinnati, OH	Butler, OH	warm	Sulfate	21.6	29.5	7.9	0.33
Cincinnati, OH	Hamilton, OH	cold	Carbon	3.9	5.0	1.1	0.11
Cincinnati, OH	Hamilton, OH	cold	Crustal	0.5	0.4	0.0	0.00

Table A-6: Summary of the Violating County Specific Seasonal Pollutant Urban Increment and Fraction Used in the CES Calculation

Area Name	Violating County	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)	Increment Fraction
Cincinnati, OH	Hamilton, OH	cold	Nitrate	4.8	5.6	0.8	0.08
Cincinnati, OH	Hamilton, OH	cold	Sulfate	10.0	11.3	1.3	0.14
Cincinnati, OH	Hamilton, OH	warm	Carbon	7.2	6.7	0.0	0.00
Cincinnati, OH	Hamilton, OH	warm	Crustal	1.0	0.7	0.0	0.00
Cincinnati, OH	Hamilton, OH	warm	Nitrate	0.0	0.0	0.0	0.00
Cincinnati, OH	Hamilton, OH	warm	Sulfate	22.2	33.1	10.9	0.33
Clarksville, TN	Montgomery, TN	cold	Carbon	6.0	10.5	4.5	0.74
Clarksville, TN	Montgomery, TN	cold	Crustal	0.7	1.0	0.3	0.05
Clarksville, TN	Montgomery, TN	cold	Nitrate	0.8	1.1	0.3	0.05
Clarksville, TN	Montgomery, TN	cold	Sulfate	9.4	10.4	1.0	0.16
Clarksville, TN	Montgomery, TN	warm	Carbon	7.1	11.0	3.9	0.66
Clarksville, TN	Montgomery, TN	warm	Crustal	0.8	0.8	0.0	0.00
Clarksville, TN	Montgomery, TN	warm	Nitrate	0.0	0.0	0.0	0.00
Clarksville, TN	Montgomery, TN	warm	Sulfate	17.9	19.9	2.0	0.34
Cleveland, OH	Cuyahoga, OH	cold	Carbon	7.3	13.3	6.0	0.42
Cleveland, OH	Cuyahoga, OH	cold	Crustal	0.9	2.2	1.3	0.09
Cleveland, OH	Cuyahoga, OH	cold	Nitrate	8.7	14.0	5.3	0.37
Cleveland, OH	Cuyahoga, OH	cold	Sulfate	7.4	9.2	1.8	0.13
Cleveland, OH	Cuyahoga, OH	warm	Carbon	8.2	11.1	2.9	0.23
Cleveland, OH	Cuyahoga, OH	warm	Crustal	1.3	4.0	2.7	0.21
Cleveland, OH	Cuyahoga, OH	warm	Nitrate	0.0	0.0	0.0	0.00
Cleveland, OH	Cuyahoga, OH	warm	Sulfate	26.1	33.2	7.1	0.56
Cleveland, OH	Summit, OH	cold	Carbon	10.7	7.6	0.0	0.00
Cleveland, OH	Summit, OH	cold	Crustal	1.0	1.0	0.1	0.00
Cleveland, OH	Summit, OH	cold	Nitrate	10.2	13.3	3.2	0.10
Cleveland, OH	Summit, OH	cold	Sulfate	8.9	11.8	2.9	0.09
Cleveland, OH	Summit, OH	warm	Carbon	8.3	8.3	0.0	0.00
Cleveland, OH	Summit, OH	warm	Crustal	1.5	1.2	0.0	0.00
Cleveland, OH	Summit, OH	warm	Nitrate	0.0	0.0	0.0	0.00
Cleveland, OH	Summit, OH	warm	Sulfate	29.1	32.4	3.3	0.20
Columbus, GA	Muscogee, GA	cold	Carbon	7.5	10.6	3.1	0.76
Columbus, GA	Muscogee, GA	cold	Crustal	0.6	0.4	0.0	0.00
Columbus, GA	Muscogee, GA	cold	Nitrate	0.0	0.0	0.0	0.00
Columbus, GA	Muscogee, GA	cold	Sulfate	8.6	9.6	1.0	0.24
Columbus, GA	Muscogee, GA	warm	Carbon	11.0	11.9	0.9	0.17
Columbus, GA	Muscogee, GA	warm	Crustal	1.0	0.7	0.0	0.00
Columbus, GA	Muscogee, GA	warm	Nitrate	0.0	0.0	0.0	0.00
Columbus, GA	Muscogee, GA	warm	Sulfate	12.3	16.6	4.3	0.83
Columbus, GA	Russell, AL	cold	Carbon	7.5	10.6	3.1	0.76
Columbus, GA	Russell, AL	cold	Crustal	0.6	0.4	0.0	0.00
Columbus, GA	Russell, AL	cold	Nitrate	0.0	0.0	0.0	0.00
Columbus, GA	Russell, AL	cold	Sulfate	8.6	9.6	1.0	0.24
Columbus, GA	Russell, AL	warm	Carbon	11.0	11.9	0.9	0.17
Columbus, GA	Russell, AL	warm	Crustal	1.0	0.7	0.0	0.00
Columbus, GA	Russell, AL	warm	Nitrate	0.0	0.0	0.0	0.00
Columbus, GA	Russell, AL	warm	Sulfate	12.3	16.6	4.3	0.83
Columbus, OH	Franklin, OH	cold	Carbon	7.7	8.9	1.2	0.39
Columbus, OH	Franklin, OH	cold	Crustal	0.8	0.5	0.0	0.00
Columbus, OH	Franklin, OH	cold	Nitrate	7.9	8.7	0.8	0.26
Columbus, OH	Franklin, OH	cold	Sulfate	7.7	8.8	1.1	0.35
Columbus, OH	Franklin, OH	warm	Carbon	6.8	6.1	0.0	0.00
Columbus, OH	Franklin, OH	warm	Crustal	1.7	0.9	0.0	0.00
Columbus, OH	Franklin, OH	warm	Nitrate	0.0	0.0	0.0	0.00
Columbus, OH	Franklin, OH	warm	Sulfate	28.4	29.4	1.0	1.00
Davenport, IA	Scott, IA	cold	Carbon	3.1	5.4	2.3	0.32
Davenport, IA	Scott, IA	cold	Crustal	0.4	0.7	0.3	0.04
Davenport, IA	Scott, IA	cold	Nitrate	15.4	17.9	2.5	0.35

Table A-6: Summary of the Violating County Specific Seasonal Pollutant Urban Increment and Fraction Used in the CES Calculation

Area Name	Violating County	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)	Increment Fraction
Davenport, IA	Scott, IA	cold	Sulfate	6.6	8.6	2.0	0.28
Davenport, IA	Scott, IA	warm	Carbon	6.0	6.4	0.4	0.09
Davenport, IA	Scott, IA	warm	Crustal	1.0	0.7	0.0	0.00
Davenport, IA	Scott, IA	warm	Nitrate	0.0	0.0	0.0	0.00
Davenport, IA	Scott, IA	warm	Sulfate	20.4	24.3	3.9	0.91
Dayton, OH	Montgomery, OH	cold	Carbon	5.6	5.9	0.3	0.10
Dayton, OH	Montgomery, OH	cold	Crustal	0.7	0.6	0.0	0.00
Dayton, OH	Montgomery, OH	cold	Nitrate	3.9	6.1	2.2	0.73
Dayton, OH	Montgomery, OH	cold	Sulfate	8.0	8.5	0.5	0.17
Dayton, OH	Montgomery, OH	warm	Carbon	7.8	6.1	0.0	0.00
Dayton, OH	Montgomery, OH	warm	Crustal	1.1	0.9	0.0	0.00
Dayton, OH	Montgomery, OH	warm	Nitrate	0.0	0.0	0.0	0.00
Dayton, OH	Montgomery, OH	warm	Sulfate	25.0	29.7	4.7	1.00
Detroit, MI	Macomb, MI	cold	Carbon	8.2	8.4	0.2	0.01
Detroit, MI	Macomb, MI	cold	Crustal	1.1	2.0	0.9	0.04
Detroit, MI	Macomb, MI	cold	Nitrate	12.8	17.1	4.3	0.20
Detroit, MI	Macomb, MI	cold	Sulfate	8.5	10.2	1.7	0.08
Detroit, MI	Macomb, MI	warm	Carbon	9.1	9.9	0.8	0.04
Detroit, MI	Macomb, MI	warm	Crustal	2.3	3.6	1.3	0.06
Detroit, MI	Macomb, MI	warm	Nitrate	0.0	0.0	0.0	0.00
Detroit, MI	Macomb, MI	warm	Sulfate	25.8	31.2	5.4	0.24
Detroit, MI	Monroe, MI	cold	Carbon	15.1	14.4	0.0	0.00
Detroit, MI	Monroe, MI	cold	Crustal	2.1	2.0	0.0	0.00
Detroit, MI	Monroe, MI	cold	Nitrate	22.3	30.1	7.8	0.14
Detroit, MI	Monroe, MI	cold	Sulfate	16.2	19.3	3.1	0.06
Detroit, MI	Monroe, MI	warm	Carbon	16.0	16.4	0.4	0.01
Detroit, MI	Monroe, MI	warm	Crustal	4.3	3.5	0.0	0.00
Detroit, MI	Monroe, MI	warm	Nitrate	0.0	0.0	0.0	0.00
Detroit, MI	Monroe, MI	warm	Sulfate	40.7	51.8	11.0	0.19
Detroit, MI	Oakland, MI	cold	Carbon	7.9	8.4	0.5	0.02
Detroit, MI	Oakland, MI	cold	Crustal	1.1	2.3	1.3	0.06
Detroit, MI	Oakland, MI	cold	Nitrate	12.8	17.0	4.2	0.18
Detroit, MI	Oakland, MI	cold	Sulfate	8.0	9.7	1.7	0.07
Detroit, MI	Oakland, MI	warm	Carbon	9.0	10.1	1.1	0.05
Detroit, MI	Oakland, MI	warm	Crustal	2.2	4.2	2.0	0.08
Detroit, MI	Oakland, MI	warm	Nitrate	0.0	0.0	0.0	0.00
Detroit, MI	Oakland, MI	warm	Sulfate	26.7	31.7	5.0	0.21
Detroit, MI	St. Clair, MI	cold	Carbon	16.5	16.8	0.3	0.00
Detroit, MI	St. Clair, MI	cold	Crustal	2.3	3.7	1.5	0.02
Detroit, MI	St. Clair, MI	cold	Nitrate	25.7	34.4	8.7	0.10
Detroit, MI	St. Clair, MI	cold	Sulfate	17.1	20.6	3.5	0.04
Detroit, MI	St. Clair, MI	warm	Carbon	18.2	19.8	1.5	0.02
Detroit, MI	St. Clair, MI	warm	Crustal	4.6	6.8	2.1	0.02
Detroit, MI	St. Clair, MI	warm	Nitrate	0.0	0.0	0.0	0.00
Detroit, MI	St. Clair, MI	warm	Sulfate	51.0	62.0	11.1	0.13
Detroit, MI	Washtenaw, MI	cold	Carbon	8.7	8.8	0.1	0.02
Detroit, MI	Washtenaw, MI	cold	Crustal	1.0	0.6	0.0	0.00
Detroit, MI	Washtenaw, MI	cold	Nitrate	13.6	17.3	3.7	0.58
Detroit, MI	Washtenaw, MI	cold	Sulfate	7.3	9.9	2.6	0.41
Detroit, MI	Washtenaw, MI	warm	Carbon	10.6	11.3	0.7	0.09
Detroit, MI	Washtenaw, MI	warm	Crustal	3.2	1.4	0.0	0.00
Detroit, MI	Washtenaw, MI	warm	Nitrate	0.0	0.0	0.0	0.00
Detroit, MI	Washtenaw, MI	warm	Sulfate	19.7	26.4	6.7	0.91
Detroit, MI	Wayne, MI	cold	Carbon	6.9	8.7	1.8	0.18
Detroit, MI	Wayne, MI	cold	Crustal	0.8	3.7	2.9	0.28
Detroit, MI	Wayne, MI	cold	Nitrate	12.8	16.4	3.6	0.35
Detroit, MI	Wayne, MI	cold	Sulfate	5.4	7.3	1.9	0.19

Table A-6: Summary of the Violating County Specific Seasonal Pollutant Urban Increment and Fraction Used in the CES Calculation

Area Name	Violating County	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)	Increment Fraction
Detroit, MI	Wayne, MI	warm	Carbon	9.2	11.7	2.5	0.24
Detroit, MI	Wayne, MI	warm	Crustal	2.1	6.8	4.7	0.45
Detroit, MI	Wayne, MI	warm	Nitrate	0.0	0.0	0.0	0.00
Detroit, MI	Wayne, MI	warm	Sulfate	29.1	32.4	3.3	0.31
Evansville, IN	Dubois, IN	cold	Carbon	2.4	1.9	0.0	0.00
Evansville, IN	Dubois, IN	cold	Crustal	0.8	0.3	0.0	0.00
Evansville, IN	Dubois, IN	cold	Nitrate	6.2	8.6	2.4	0.65
Evansville, IN	Dubois, IN	cold	Sulfate	14.7	16.0	1.3	0.35
Evansville, IN	Dubois, IN	warm	Carbon	4.6	8.0	3.4	0.19
Evansville, IN	Dubois, IN	warm	Crustal	0.7	0.3	0.0	0.00
Evansville, IN	Dubois, IN	warm	Nitrate	0.0	0.0	0.0	0.00
Evansville, IN	Dubois, IN	warm	Sulfate	25.8	40.4	14.6	0.81
Evansville, IN	Vanderburgh, IN	cold	Carbon	2.5	4.0	1.5	0.17
Evansville, IN	Vanderburgh, IN	cold	Crustal	0.3	0.2	0.0	0.00
Evansville, IN	Vanderburgh, IN	cold	Nitrate	7.4	8.5	1.1	0.12
Evansville, IN	Vanderburgh, IN	cold	Sulfate	7.5	9.3	1.9	0.21
Evansville, IN	Vanderburgh, IN	warm	Carbon	5.1	8.3	3.2	0.20
Evansville, IN	Vanderburgh, IN	warm	Crustal	0.7	0.8	0.1	0.01
Evansville, IN	Vanderburgh, IN	warm	Nitrate	0.0	0.0	0.0	0.00
Evansville, IN	Vanderburgh, IN	warm	Sulfate	20.7	25.5	4.8	0.30
Franklin County, ID	Cache, UT	cold	Carbon	3.9	20.1	16.2	0.57
Franklin County, ID	Cache, UT	cold	Crustal	0.3	1.1	0.8	0.03
Franklin County, ID	Cache, UT	cold	Nitrate	3.5	12.3	8.8	0.31
Franklin County, ID	Cache, UT	cold	Sulfate	0.9	3.3	2.4	0.09
Franklin County, ID	Cache, UT	warm	Carbon	3.1	8.6	5.5	0.76
Franklin County, ID	Cache, UT	warm	Crustal	0.9	1.6	0.7	0.10
Franklin County, ID	Cache, UT	warm	Nitrate	0.0	0.0	0.0	0.00
Franklin County, ID	Cache, UT	warm	Sulfate	1.6	2.6	1.0	0.14
Franklin County, ID	Franklin, ID	cold	Carbon	3.9	20.1	16.2	0.57
Franklin County, ID	Franklin, ID	cold	Crustal	0.3	1.1	0.8	0.03
Franklin County, ID	Franklin, ID	cold	Nitrate	3.5	12.3	8.8	0.31
Franklin County, ID	Franklin, ID	cold	Sulfate	0.9	3.3	2.4	0.09
Franklin County, ID	Franklin, ID	warm	Carbon	3.1	8.6	5.5	0.76
Franklin County, ID	Franklin, ID	warm	Crustal	0.9	1.6	0.7	0.10
Franklin County, ID	Franklin, ID	warm	Nitrate	0.0	0.0	0.0	0.00
Franklin County, ID	Franklin, ID	warm	Sulfate	1.6	2.6	1.0	0.14
Gadsden, AL	Etowah, AL	cold	Carbon	6.0	10.5	4.5	0.74
Gadsden, AL	Etowah, AL	cold	Crustal	0.7	1.0	0.3	0.05
Gadsden, AL	Etowah, AL	cold	Nitrate	0.8	1.1	0.3	0.05
Gadsden, AL	Etowah, AL	cold	Sulfate	9.4	10.4	1.0	0.16
Gadsden, AL	Etowah, AL	warm	Carbon	7.1	11.0	3.9	0.66
Gadsden, AL	Etowah, AL	warm	Crustal	0.8	0.8	0.0	0.00
Gadsden, AL	Etowah, AL	warm	Nitrate	0.0	0.0	0.0	0.00
Gadsden, AL	Etowah, AL	warm	Sulfate	17.9	19.9	2.0	0.34
Grand Rapids, MI	Kent, MI	cold	Carbon	7.1	11.1	4.0	0.37
Grand Rapids, MI	Kent, MI	cold	Crustal	0.6	0.6	0.0	0.00
Grand Rapids, MI	Kent, MI	cold	Nitrate	14.7	20.4	5.7	0.52
Grand Rapids, MI	Kent, MI	cold	Sulfate	8.0	9.2	1.2	0.11
Grand Rapids, MI	Kent, MI	warm	Carbon	9.4	12.5	3.1	0.46
Grand Rapids, MI	Kent, MI	warm	Crustal	1.0	1.3	0.3	0.04
Grand Rapids, MI	Kent, MI	warm	Nitrate	0.0	0.0	0.0	0.00
Grand Rapids, MI	Kent, MI	warm	Sulfate	16.8	20.2	3.4	0.50
Green Bay, WI	Brown, WI	cold	Carbon	5.0	8.1	3.1	0.43
Green Bay, WI	Brown, WI	cold	Crustal	0.6	0.9	0.3	0.04
Green Bay, WI	Brown, WI	cold	Nitrate	7.5	9.7	2.2	0.31
Green Bay, WI	Brown, WI	cold	Sulfate	8.0	9.6	1.6	0.22
Green Bay, WI	Brown, WI	warm	Carbon	6.3	8.7	2.4	0.44

Table A-6: Summary of the Violating County Specific Seasonal Pollutant Urban Increment and Fraction Used in the CES Calculation

Area Name	Violating County	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)	Increment Fraction
Green Bay, WI	Brown, WI	warm	Crustal	1.0	1.1	0.1	0.02
Green Bay, WI	Brown, WI	warm	Nitrate	0.0	0.0	0.0	0.00
Green Bay, WI	Brown, WI	warm	Sulfate	22.8	25.8	3.0	0.55
Hamilton, MT	Ravalli, MT	cold	Carbon	3.9	20.1	16.2	0.57
Hamilton, MT	Ravalli, MT	cold	Crustal	0.3	1.1	0.8	0.03
Hamilton, MT	Ravalli, MT	cold	Nitrate	3.5	12.3	8.8	0.31
Hamilton, MT	Ravalli, MT	cold	Sulfate	0.9	3.3	2.4	0.09
Hamilton, MT	Ravalli, MT	warm	Carbon	3.1	8.6	5.5	0.76
Hamilton, MT	Ravalli, MT	warm	Crustal	0.9	1.6	0.7	0.10
Hamilton, MT	Ravalli, MT	warm	Nitrate	0.0	0.0	0.0	0.00
Hamilton, MT	Ravalli, MT	warm	Sulfate	1.6	2.6	1.0	0.14
Harrisburg, PA	Cumberland, PA	cold	Carbon	5.5	8.6	3.1	0.29
Harrisburg, PA	Cumberland, PA	cold	Crustal	0.6	0.8	0.2	0.02
Harrisburg, PA	Cumberland, PA	cold	Nitrate	9.2	15.8	6.6	0.62
Harrisburg, PA	Cumberland, PA	cold	Sulfate	8.8	9.5	0.7	0.07
Harrisburg, PA	Cumberland, PA	warm	Carbon	5.4	5.5	0.1	0.02
Harrisburg, PA	Cumberland, PA	warm	Crustal	0.8	0.7	0.0	0.00
Harrisburg, PA	Cumberland, PA	warm	Nitrate	0.0	0.0	0.0	0.00
Harrisburg, PA	Cumberland, PA	warm	Sulfate	24.3	28.5	4.2	0.98
Harrisburg, PA	Dauphin, PA	cold	Carbon	5.5	8.6	3.1	0.29
Harrisburg, PA	Dauphin, PA	cold	Crustal	0.6	0.8	0.2	0.02
Harrisburg, PA	Dauphin, PA	cold	Nitrate	9.2	15.8	6.6	0.62
Harrisburg, PA	Dauphin, PA	cold	Sulfate	8.8	9.5	0.7	0.07
Harrisburg, PA	Dauphin, PA	warm	Carbon	5.4	5.5	0.1	0.02
Harrisburg, PA	Dauphin, PA	warm	Crustal	0.8	0.7	0.0	0.00
Harrisburg, PA	Dauphin, PA	warm	Nitrate	0.0	0.0	0.0	0.00
Harrisburg, PA	Dauphin, PA	warm	Sulfate	24.3	28.5	4.2	0.98
Huntington, WV	Cabell, WV	cold	Carbon	4.4	7.5	3.2	0.25
Huntington, WV	Cabell, WV	cold	Crustal	0.6	0.8	0.2	0.02
Huntington, WV	Cabell, WV	cold	Nitrate	0.4	0.8	0.4	0.03
Huntington, WV	Cabell, WV	cold	Sulfate	10.1	12.7	2.7	0.21
Huntington, WV	Cabell, WV	warm	Carbon	6.4	8.9	2.5	0.38
Huntington, WV	Cabell, WV	warm	Crustal	1.2	1.0	0.0	0.00
Huntington, WV	Cabell, WV	warm	Nitrate	0.0	0.0	0.0	0.00
Huntington, WV	Cabell, WV	warm	Sulfate	22.8	23.6	0.8	0.12
Huntington, WV	Scioto, OH	cold	Carbon	4.3	8.5	4.2	0.29
Huntington, WV	Scioto, OH	cold	Crustal	0.6	0.9	0.3	0.02
Huntington, WV	Scioto, OH	cold	Nitrate	0.3	0.6	0.3	0.02
Huntington, WV	Scioto, OH	cold	Sulfate	9.9	12.3	2.4	0.17
Huntington, WV	Scioto, OH	warm	Carbon	6.1	9.1	3.0	0.43
Huntington, WV	Scioto, OH	warm	Crustal	1.2	1.1	0.0	0.00
Huntington, WV	Scioto, OH	warm	Nitrate	0.0	0.0	0.0	0.00
Huntington, WV	Scioto, OH	warm	Sulfate	23.0	23.5	0.5	0.07
Imperial County, CA	Imperial, CA	cold	Carbon	2.0	23.3	21.3	0.65
Imperial County, CA	Imperial, CA	cold	Crustal	0.4	5.7	5.3	0.16
Imperial County, CA	Imperial, CA	cold	Nitrate	3.2	8.8	5.6	0.17
Imperial County, CA	Imperial, CA	cold	Sulfate	1.6	2.4	0.8	0.02
Imperial County, CA	Imperial, CA	warm	Carbon	1.1	6.4	5.3	0.41
Imperial County, CA	Imperial, CA	warm	Crustal	1.2	5.9	4.7	0.36
Imperial County, CA	Imperial, CA	warm	Nitrate	0.0	0.0	0.0	0.00
Imperial County, CA	Imperial, CA	warm	Sulfate	1.6	4.6	3.0	0.23
Indianpolis, IN	Marion, IN	cold	Carbon	3.4	5.7	2.3	0.28
Indianpolis, IN	Marion, IN	cold	Crustal	0.6	0.7	0.1	0.01
Indianpolis, IN	Marion, IN	cold	Nitrate	6.6	7.7	1.1	0.14
Indianpolis, IN	Marion, IN	cold	Sulfate	12.5	17.1	4.6	0.57
Indianpolis, IN	Marion, IN	warm	Carbon	6.8	9.1	2.3	0.40
Indianpolis, IN	Marion, IN	warm	Crustal	0.8	0.7	0.0	0.00

Table A-6: Summary of the Violating County Specific Seasonal Pollutant Urban Increment and Fraction Used in the CES Calculation

Area Name	Violating County	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)	Increment Fraction
Indianpolis, IN	Marion, IN	warm	Nitrate	0.0	0.0	0.0	0.00
Indianpolis, IN	Marion, IN	warm	Sulfate	24.3	27.8	3.5	0.60
Johnstown, PA	Cambria, PA	cold	Carbon	5.0	8.1	3.1	0.43
Johnstown, PA	Cambria, PA	cold	Crustal	0.6	0.9	0.3	0.04
Johnstown, PA	Cambria, PA	cold	Nitrate	7.5	9.7	2.2	0.31
Johnstown, PA	Cambria, PA	cold	Sulfate	8.0	9.6	1.6	0.22
Johnstown, PA	Cambria, PA	warm	Carbon	6.3	8.7	2.4	0.44
Johnstown, PA	Cambria, PA	warm	Crustal	1.0	1.1	0.1	0.02
Johnstown, PA	Cambria, PA	warm	Nitrate	0.0	0.0	0.0	0.00
Johnstown, PA	Cambria, PA	warm	Sulfate	22.8	25.8	3.0	0.55
Klamath Falls, OR	Klamath, OR	cold	Carbon	3.9	20.1	16.2	0.57
Klamath Falls, OR	Klamath, OR	cold	Crustal	0.3	1.1	0.8	0.03
Klamath Falls, OR	Klamath, OR	cold	Nitrate	3.5	12.3	8.8	0.31
Klamath Falls, OR	Klamath, OR	cold	Sulfate	0.9	3.3	2.4	0.09
Klamath Falls, OR	Klamath, OR	warm	Carbon	3.1	8.6	5.5	0.76
Klamath Falls, OR	Klamath, OR	warm	Crustal	0.9	1.6	0.7	0.10
Klamath Falls, OR	Klamath, OR	warm	Nitrate	0.0	0.0	0.0	0.00
Klamath Falls, OR	Klamath, OR	warm	Sulfate	1.6	2.6	1.0	0.14
Knoxville, TN	Knox, TN	cold	Carbon	4.7	9.2	4.5	0.50
Knoxville, TN	Knox, TN	cold	Crustal	0.5	1.3	0.8	0.09
Knoxville, TN	Knox, TN	cold	Nitrate	0.8	2.5	1.7	0.19
Knoxville, TN	Knox, TN	cold	Sulfate	7.2	9.2	2.0	0.22
Knoxville, TN	Knox, TN	warm	Carbon	5.7	8.8	3.1	0.94
Knoxville, TN	Knox, TN	warm	Crustal	0.7	0.9	0.2	0.06
Knoxville, TN	Knox, TN	warm	Nitrate	0.0	0.0	0.0	0.00
Knoxville, TN	Knox, TN	warm	Sulfate	18.6	17.9	0.0	0.00
Lafayette, IN	Tippecanoe, IN	cold	Carbon	5.0	8.1	3.1	0.43
Lafayette, IN	Tippecanoe, IN	cold	Crustal	0.6	0.9	0.3	0.04
Lafayette, IN	Tippecanoe, IN	cold	Nitrate	7.5	9.7	2.2	0.31
Lafayette, IN	Tippecanoe, IN	cold	Sulfate	8.0	9.6	1.6	0.22
Lafayette, IN	Tippecanoe, IN	warm	Carbon	6.3	8.7	2.4	0.44
Lafayette, IN	Tippecanoe, IN	warm	Crustal	1.0	1.1	0.1	0.02
Lafayette, IN	Tippecanoe, IN	warm	Nitrate	0.0	0.0	0.0	0.00
Lafayette, IN	Tippecanoe, IN	warm	Sulfate	22.8	25.8	3.0	0.55
Lancaster, PA	Lancaster, PA	cold	Carbon	9.4	12.5	3.1	0.26
Lancaster, PA	Lancaster, PA	cold	Crustal	1.1	1.0	0.0	0.00
Lancaster, PA	Lancaster, PA	cold	Nitrate	11.2	17.7	6.5	0.56
Lancaster, PA	Lancaster, PA	cold	Sulfate	10.1	12.2	2.1	0.18
Lancaster, PA	Lancaster, PA	warm	Carbon	6.8	7.1	0.3	0.06
Lancaster, PA	Lancaster, PA	warm	Crustal	0.9	0.6	0.0	0.00
Lancaster, PA	Lancaster, PA	warm	Nitrate	0.0	0.0	0.0	0.00
Lancaster, PA	Lancaster, PA	warm	Sulfate	23.5	28.2	4.7	0.94
Libby, MT	Lincoln, MT	cold	Carbon	2.4	41.9	39.5	0.98
Libby, MT	Lincoln, MT	cold	Crustal	0.2	0.3	0.1	0.00
Libby, MT	Lincoln, MT	cold	Nitrate	0.4	0.8	0.4	0.01
Libby, MT	Lincoln, MT	cold	Sulfate	0.9	1.4	0.5	0.01
Libby, MT	Lincoln, MT	warm	Carbon	2.5	6.7	4.2	0.95
Libby, MT	Lincoln, MT	warm	Crustal	1.1	0.8	0.0	0.00
Libby, MT	Lincoln, MT	warm	Nitrate	0.0	0.0	0.0	0.00
Libby, MT	Lincoln, MT	warm	Sulfate	1.0	1.2	0.2	0.05
Logan, UT	Cache, UT	cold	Carbon	3.9	20.1	16.2	0.57
Logan, UT	Cache, UT	cold	Crustal	0.3	1.1	0.8	0.03
Logan, UT	Cache, UT	cold	Nitrate	3.5	12.3	8.8	0.31
Logan, UT	Cache, UT	cold	Sulfate	0.9	3.3	2.4	0.09
Logan, UT	Cache, UT	warm	Carbon	3.1	8.6	5.5	0.76
Logan, UT	Cache, UT	warm	Crustal	0.9	1.6	0.7	0.10
Logan, UT	Cache, UT	warm	Nitrate	0.0	0.0	0.0	0.00

Table A-6: Summary of the Violating County Specific Seasonal Pollutant Urban Increment and Fraction Used in the CES Calculation

Area Name	Violating County	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)	Increment Fraction
Logan, UT	Cache, UT	warm	Sulfate	1.6	2.6	1.0	0.14
Los Angeles, CA	Los Angeles, CA	cold	Carbon	4.4	12.7	8.4	0.10
Los Angeles, CA	Los Angeles, CA	cold	Crustal	0.8	1.0	0.2	0.00
Los Angeles, CA	Los Angeles, CA	cold	Nitrate	4.8	31.7	26.9	0.31
Los Angeles, CA	Los Angeles, CA	cold	Sulfate	3.5	11.4	7.9	0.09
Los Angeles, CA	Los Angeles, CA	warm	Carbon	3.0	6.8	3.8	0.09
Los Angeles, CA	Los Angeles, CA	warm	Crustal	1.0	0.6	0.0	0.00
Los Angeles, CA	Los Angeles, CA	warm	Nitrate	1.6	8.9	7.3	0.18
Los Angeles, CA	Los Angeles, CA	warm	Sulfate	5.5	15.1	9.7	0.23
Los Angeles, CA	Orange, CA	cold	Carbon	3.6	13.3	9.7	0.10
Los Angeles, CA	Orange, CA	cold	Crustal	0.8	1.1	0.4	0.00
Los Angeles, CA	Orange, CA	cold	Nitrate	4.2	33.7	29.5	0.31
Los Angeles, CA	Orange, CA	cold	Sulfate	3.1	10.8	7.7	0.08
Los Angeles, CA	Orange, CA	warm	Carbon	2.6	8.3	5.6	0.11
Los Angeles, CA	Orange, CA	warm	Crustal	1.0	0.7	0.0	0.00
Los Angeles, CA	Orange, CA	warm	Nitrate	1.7	11.8	10.1	0.21
Los Angeles, CA	Orange, CA	warm	Sulfate	4.9	13.8	8.9	0.18
Los Angeles, CA	Riverside, CA	cold	Carbon	1.7	14.6	12.9	0.23
Los Angeles, CA	Riverside, CA	cold	Crustal	0.7	1.3	0.6	0.01
Los Angeles, CA	Riverside, CA	cold	Nitrate	3.0	38.4	35.4	0.63
Los Angeles, CA	Riverside, CA	cold	Sulfate	2.1	9.3	7.2	0.13
Los Angeles, CA	Riverside, CA	warm	Carbon	1.9	11.8	9.9	0.29
Los Angeles, CA	Riverside, CA	warm	Crustal	0.9	0.9	0.0	0.00
Los Angeles, CA	Riverside, CA	warm	Nitrate	2.0	18.7	16.7	0.50
Los Angeles, CA	Riverside, CA	warm	Sulfate	3.7	10.8	7.1	0.21
Los Angeles, CA	San Bernardino, CA	cold	Carbon	1.9	14.4	12.5	0.11
Los Angeles, CA	San Bernardino, CA	cold	Crustal	0.7	1.3	0.6	0.01
Los Angeles, CA	San Bernardino, CA	cold	Nitrate	3.2	37.8	34.6	0.31
Los Angeles, CA	San Bernardino, CA	cold	Sulfate	2.2	9.5	7.3	0.07
Los Angeles, CA	San Bernardino, CA	warm	Carbon	2.0	11.3	9.3	0.14
Los Angeles, CA	San Bernardino, CA	warm	Crustal	0.9	0.9	0.0	0.00
Los Angeles, CA	San Bernardino, CA	warm	Nitrate	2.0	17.8	15.8	0.24
Los Angeles, CA	San Bernardino, CA	warm	Sulfate	3.9	11.2	7.3	0.11
Louisville, KY	Clark, IN	cold	Carbon	3.3	6.2	2.9	0.35
Louisville, KY	Clark, IN	cold	Crustal	0.5	0.5	0.0	0.00
Louisville, KY	Clark, IN	cold	Nitrate	5.5	5.8	0.3	0.04
Louisville, KY	Clark, IN	cold	Sulfate	11.4	12.3	1.0	0.12
Louisville, KY	Clark, IN	warm	Carbon	6.6	9.6	3.1	0.39
Louisville, KY	Clark, IN	warm	Crustal	0.6	0.9	0.2	0.03
Louisville, KY	Clark, IN	warm	Nitrate	0.0	0.0	0.0	0.00
Louisville, KY	Clark, IN	warm	Sulfate	20.5	21.2	0.7	0.09
Louisville, KY	Jefferson, KY	cold	Carbon	3.2	4.7	1.5	0.48
Louisville, KY	Jefferson, KY	cold	Crustal	0.5	0.5	0.0	0.00
Louisville, KY	Jefferson, KY	cold	Nitrate	5.5	6.1	0.6	0.19
Louisville, KY	Jefferson, KY	cold	Sulfate	12.4	13.4	1.0	0.32
Louisville, KY	Jefferson, KY	warm	Carbon	6.2	9.4	3.2	0.82
Louisville, KY	Jefferson, KY	warm	Crustal	0.6	0.8	0.2	0.05
Louisville, KY	Jefferson, KY	warm	Nitrate	0.0	0.0	0.0	0.00
Louisville, KY	Jefferson, KY	warm	Sulfate	20.6	21.1	0.5	0.13
Madison, WI	Dane, WI	cold	Carbon	5.0	8.1	3.1	0.43
Madison, WI	Dane, WI	cold	Crustal	0.6	0.9	0.3	0.04
Madison, WI	Dane, WI	cold	Nitrate	7.5	9.7	2.2	0.31
Madison, WI	Dane, WI	cold	Sulfate	8.0	9.6	1.6	0.22
Madison, WI	Dane, WI	warm	Carbon	6.3	8.7	2.4	0.44
Madison, WI	Dane, WI	warm	Crustal	1.0	1.1	0.1	0.02
Madison, WI	Dane, WI	warm	Nitrate	0.0	0.0	0.0	0.00
Madison, WI	Dane, WI	warm	Sulfate	22.8	25.8	3.0	0.55

Table A-6: Summary of the Violating County Specific Seasonal Pollutant Urban Increment and Fraction Used in the CES Calculation

Area Name	Violating County	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)	Increment Fraction
Milwaukee, WI	Milwaukee, WI	cold	Carbon	5.4	6.7	1.4	0.13
Milwaukee, WI	Milwaukee, WI	cold	Crustal	0.3	1.0	0.7	0.06
Milwaukee, WI	Milwaukee, WI	cold	Nitrate	17.2	20.1	2.9	0.27
Milwaukee, WI	Milwaukee, WI	cold	Sulfate	6.7	7.1	0.4	0.04
Milwaukee, WI	Milwaukee, WI	warm	Carbon	7.0	7.9	0.9	0.15
Milwaukee, WI	Milwaukee, WI	warm	Crustal	0.5	0.9	0.4	0.06
Milwaukee, WI	Milwaukee, WI	warm	Nitrate	0.0	0.0	0.0	0.00
Milwaukee, WI	Milwaukee, WI	warm	Sulfate	22.3	24.2	1.8	0.29
Milwaukee, WI	Waukesha, WI	cold	Carbon	4.6	8.4	3.8	0.38
Milwaukee, WI	Waukesha, WI	cold	Crustal	0.3	2.5	2.2	0.22
Milwaukee, WI	Waukesha, WI	cold	Nitrate	16.8	20.1	3.3	0.33
Milwaukee, WI	Waukesha, WI	cold	Sulfate	7.6	8.2	0.6	0.06
Milwaukee, WI	Waukesha, WI	warm	Carbon	5.7	5.4	0.0	0.00
Milwaukee, WI	Waukesha, WI	warm	Crustal	0.7	1.4	0.7	1.00
Milwaukee, WI	Waukesha, WI	warm	Nitrate	0.0	0.0	0.0	0.00
Milwaukee, WI	Waukesha, WI	warm	Sulfate	26.3	24.0	0.0	0.00
Missoula, MT	Missoula, MT	cold	Carbon	0.8	28.3	27.5	0.59
Missoula, MT	Missoula, MT	cold	Crustal	0.1	0.7	0.6	0.01
Missoula, MT	Missoula, MT	cold	Nitrate	0.3	14.4	14.1	0.30
Missoula, MT	Missoula, MT	cold	Sulfate	0.4	4.9	4.5	0.10
Missoula, MT	Missoula, MT	warm	Carbon	3.9	15.2	11.3	0.97
Missoula, MT	Missoula, MT	warm	Crustal	1.2	1.0	0.0	0.00
Missoula, MT	Missoula, MT	warm	Nitrate	0.0	0.0	0.0	0.00
Missoula, MT	Missoula, MT	warm	Sulfate	1.1	1.4	0.3	0.03
Morgantown, WV	Monongalia, WV	cold	Carbon	5.0	8.1	3.1	0.43
Morgantown, WV	Monongalia, WV	cold	Crustal	0.6	0.9	0.3	0.04
Morgantown, WV	Monongalia, WV	cold	Nitrate	7.5	9.7	2.2	0.31
Morgantown, WV	Monongalia, WV	cold	Sulfate	8.0	9.6	1.6	0.22
Morgantown, WV	Monongalia, WV	warm	Carbon	6.3	8.7	2.4	0.44
Morgantown, WV	Monongalia, WV	warm	Crustal	1.0	1.1	0.1	0.02
Morgantown, WV	Monongalia, WV	warm	Nitrate	0.0	0.0	0.0	0.00
Morgantown, WV	Monongalia, WV	warm	Sulfate	22.8	25.8	3.0	0.55
Muscatine, IA	Muscatine, IA	cold	Carbon	2.8	7.0	4.2	0.54
Muscatine, IA	Muscatine, IA	cold	Crustal	0.5	0.6	0.1	0.01
Muscatine, IA	Muscatine, IA	cold	Nitrate	9.8	12.2	2.4	0.31
Muscatine, IA	Muscatine, IA	cold	Sulfate	4.1	5.2	1.1	0.14
Muscatine, IA	Muscatine, IA	warm	Carbon	4.0	7.7	3.7	0.86
Muscatine, IA	Muscatine, IA	warm	Crustal	1.3	1.0	0.0	0.00
Muscatine, IA	Muscatine, IA	warm	Nitrate	0.0	0.0	0.0	0.00
Muscatine, IA	Muscatine, IA	warm	Sulfate	11.4	12.0	0.6	0.14
New York, New York	Bergen, NJ	cold	Carbon	12.7	20.6	7.9	0.02
New York, New York	Bergen, NJ	cold	Crustal	1.4	2.5	1.1	0.00
New York, New York	Bergen, NJ	cold	Nitrate	7.6	15.3	7.6	0.02
New York, New York	Bergen, NJ	cold	Sulfate	15.3	18.7	3.4	0.01
New York, New York	Bergen, NJ	warm	Carbon	10.8	16.6	5.8	0.03
New York, New York	Bergen, NJ	warm	Crustal	2.2	2.5	0.3	0.00
New York, New York	Bergen, NJ	warm	Nitrate	0.0	0.0	0.0	0.00
New York, New York	Bergen, NJ	warm	Sulfate	48.1	54.9	6.8	0.03
New York, New York	Bronx, NY	cold	Carbon	13.0	20.3	7.3	0.02
New York, New York	Bronx, NY	cold	Crustal	1.3	2.6	1.3	0.00
New York, New York	Bronx, NY	cold	Nitrate	8.0	15.7	7.8	0.02
New York, New York	Bronx, NY	cold	Sulfate	15.2	18.7	3.6	0.01
New York, New York	Bronx, NY	warm	Carbon	10.8	15.8	5.0	0.02
New York, New York	Bronx, NY	warm	Crustal	2.1	2.8	0.7	0.00
New York, New York	Bronx, NY	warm	Nitrate	0.0	0.0	0.0	0.00
New York, New York	Bronx, NY	warm	Sulfate	47.2	54.9	7.7	0.03
New York, New York	Essex, NJ	cold	Carbon	10.7	26.7	16.0	0.03

Table A-6: Summary of the Violating County Specific Seasonal Pollutant Urban Increment and Fraction Used in the CES Calculation

Area Name	Violating County	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)	Increment Fraction
New York, New York	Essex, NJ	cold	Crustal	1.2	2.2	0.9	0.00
New York, New York	Essex, NJ	cold	Nitrate	6.0	13.2	7.2	0.02
New York, New York	Essex, NJ	cold	Sulfate	15.7	19.3	3.7	0.01
New York, New York	Essex, NJ	warm	Carbon	10.7	21.0	10.4	0.04
New York, New York	Essex, NJ	warm	Crustal	2.4	2.4	0.0	0.00
New York, New York	Essex, NJ	warm	Nitrate	0.0	0.0	0.0	0.00
New York, New York	Essex, NJ	warm	Sulfate	48.0	53.2	5.2	0.02
New York, New York	Fairfield, CT	cold	Carbon	10.1	22.3	12.2	0.03
New York, New York	Fairfield, CT	cold	Crustal	1.1	1.9	0.8	0.00
New York, New York	Fairfield, CT	cold	Nitrate	6.5	13.6	7.1	0.02
New York, New York	Fairfield, CT	cold	Sulfate	13.2	17.1	3.9	0.01
New York, New York	Fairfield, CT	warm	Carbon	8.9	16.3	7.4	0.04
New York, New York	Fairfield, CT	warm	Crustal	1.7	1.4	0.0	0.00
New York, New York	Fairfield, CT	warm	Nitrate	0.0	0.0	0.0	0.00
New York, New York	Fairfield, CT	warm	Sulfate	41.9	46.9	5.0	0.02
New York, New York	Hudson, NJ	cold	Carbon	11.1	20.9	9.8	0.03
New York, New York	Hudson, NJ	cold	Crustal	1.7	2.0	0.3	0.00
New York, New York	Hudson, NJ	cold	Nitrate	6.8	14.3	7.5	0.02
New York, New York	Hudson, NJ	cold	Sulfate	17.5	20.1	2.6	0.01
New York, New York	Hudson, NJ	warm	Carbon	10.8	20.3	9.6	0.04
New York, New York	Hudson, NJ	warm	Crustal	2.6	2.4	0.0	0.00
New York, New York	Hudson, NJ	warm	Nitrate	0.0	0.0	0.0	0.00
New York, New York	Hudson, NJ	warm	Sulfate	49.9	55.3	5.4	0.02
New York, New York	Kings, NY	cold	Carbon	11.6	20.2	8.6	0.03
New York, New York	Kings, NY	cold	Crustal	1.7	2.2	0.6	0.00
New York, New York	Kings, NY	cold	Nitrate	7.1	14.7	7.6	0.02
New York, New York	Kings, NY	cold	Sulfate	16.9	19.7	2.8	0.01
New York, New York	Kings, NY	warm	Carbon	10.8	18.9	8.1	0.03
New York, New York	Kings, NY	warm	Crustal	2.5	2.3	0.0	0.00
New York, New York	Kings, NY	warm	Nitrate	0.0	0.0	0.0	0.00
New York, New York	Kings, NY	warm	Sulfate	49.6	55.3	5.8	0.02
New York, New York	New Haven, CT	cold	Carbon	2.1	7.5	5.4	0.39
New York, New York	New Haven, CT	cold	Crustal	0.4	0.7	0.3	0.02
New York, New York	New Haven, CT	cold	Nitrate	2.2	7.0	4.8	0.35
New York, New York	New Haven, CT	cold	Sulfate	3.2	6.4	3.2	0.23
New York, New York	New York, NY	cold	Carbon	11.8	20.3	8.5	0.03
New York, New York	New York, NY	cold	Crustal	1.6	2.3	0.7	0.00
New York, New York	New York, NY	cold	Nitrate	7.2	14.8	7.6	0.02
New York, New York	New York, NY	cold	Sulfate	16.6	19.6	2.9	0.01
New York, New York	New York, NY	warm	Carbon	10.8	18.4	7.7	0.03
New York, New York	New York, NY	warm	Crustal	2.4	2.4	0.0	0.00
New York, New York	New York, NY	warm	Nitrate	0.0	0.0	0.0	0.00
New York, New York	New York, NY	warm	Sulfate	49.1	55.2	6.1	0.03
New York, New York	Union, NJ	cold	Carbon	4.6	18.5	13.9	0.67
New York, New York	Union, NJ	cold	Crustal	0.4	1.1	0.7	0.03
New York, New York	Union, NJ	cold	Nitrate	2.2	5.9	3.7	0.18
New York, New York	Union, NJ	cold	Sulfate	7.4	9.8	2.4	0.12
New York, New York	Union, NJ	warm	Carbon	5.5	13.1	7.6	0.75
New York, New York	Union, NJ	warm	Crustal	1.3	1.4	0.1	0.01
New York, New York	Union, NJ	warm	Nitrate	0.0	0.0	0.0	0.00
New York, New York	Union, NJ	warm	Sulfate	23.8	26.3	2.5	0.25
Nogales, AZ	Santa Cruz, AZ	cold	Carbon	1.4	17.0	15.6	0.86
Nogales, AZ	Santa Cruz, AZ	cold	Crustal	0.9	2.1	1.2	0.07
Nogales, AZ	Santa Cruz, AZ	cold	Nitrate	0.1	0.8	0.7	0.04
Nogales, AZ	Santa Cruz, AZ	cold	Sulfate	2.2	2.9	0.7	0.04
Nogales, AZ	Santa Cruz, AZ	warm	Carbon	2.1	9.2	7.1	0.87
Nogales, AZ	Santa Cruz, AZ	warm	Crustal	1.6	1.8	0.2	0.02

Table A-6: Summary of the Violating County Specific Seasonal Pollutant Urban Increment and Fraction Used in the CES Calculation

Area Name	Violating County	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)	Increment Fraction
Nogales, AZ	Santa Cruz, AZ	warm	Nitrate	0.0	0.0	0.0	0.00
Nogales, AZ	Santa Cruz, AZ	warm	Sulfate	5.5	6.4	0.9	0.11
Oak Ridge, OR	Lane, OR	cold	Carbon	3.9	20.1	16.2	0.57
Oak Ridge, OR	Lane, OR	cold	Crustal	0.3	1.1	0.8	0.03
Oak Ridge, OR	Lane, OR	cold	Nitrate	3.5	12.3	8.8	0.31
Oak Ridge, OR	Lane, OR	cold	Sulfate	0.9	3.3	2.4	0.09
Oak Ridge, OR	Lane, OR	warm	Carbon	3.1	8.6	5.5	0.76
Oak Ridge, OR	Lane, OR	warm	Crustal	0.9	1.6	0.7	0.10
Oak Ridge, OR	Lane, OR	warm	Nitrate	0.0	0.0	0.0	0.00
Oak Ridge, OR	Lane, OR	warm	Sulfate	1.6	2.6	1.0	0.14
Paducah, KY	McCracken, KY	cold	Carbon	3.8	5.0	1.2	0.28
Paducah, KY	McCracken, KY	cold	Crustal	0.6	0.4	0.0	0.00
Paducah, KY	McCracken, KY	cold	Nitrate	1.9	4.1	2.2	0.51
Paducah, KY	McCracken, KY	cold	Sulfate	9.3	10.2	0.9	0.21
Paducah, KY	McCracken, KY	warm	Carbon	4.1	6.3	2.2	0.42
Paducah, KY	McCracken, KY	warm	Crustal	0.9	0.6	0.0	0.00
Paducah, KY	McCracken, KY	warm	Nitrate	0.0	0.0	0.0	0.00
Paducah, KY	McCracken, KY	warm	Sulfate	23.2	26.2	3.0	0.58
Parkersburg, WV	Wood, WV	cold	Carbon	5.0	8.1	3.1	0.43
Parkersburg, WV	Wood, WV	cold	Crustal	0.6	0.9	0.3	0.04
Parkersburg, WV	Wood, WV	cold	Nitrate	7.5	9.7	2.2	0.31
Parkersburg, WV	Wood, WV	cold	Sulfate	8.0	9.6	1.6	0.22
Parkersburg, WV	Wood, WV	warm	Carbon	6.3	8.7	2.4	0.44
Parkersburg, WV	Wood, WV	warm	Crustal	1.0	1.1	0.1	0.02
Parkersburg, WV	Wood, WV	warm	Nitrate	0.0	0.0	0.0	0.00
Parkersburg, WV	Wood, WV	warm	Sulfate	22.8	25.8	3.0	0.55
Philadelphia, PA	Camden, NJ	cold	Carbon	8.1	9.9	1.8	0.09
Philadelphia, PA	Camden, NJ	cold	Crustal	0.7	1.0	0.2	0.01
Philadelphia, PA	Camden, NJ	cold	Nitrate	4.5	5.5	1.1	0.05
Philadelphia, PA	Camden, NJ	cold	Sulfate	11.0	12.0	1.0	0.05
Philadelphia, PA	Camden, NJ	warm	Carbon	6.1	7.5	1.4	0.05
Philadelphia, PA	Camden, NJ	warm	Crustal	0.8	0.8	0.0	0.00
Philadelphia, PA	Camden, NJ	warm	Nitrate	0.1	0.1	0.0	0.00
Philadelphia, PA	Camden, NJ	warm	Sulfate	23.3	27.1	3.8	0.15
Philadelphia, PA	New Castle, DE	cold	Carbon	6.0	10.2	4.2	0.10
Philadelphia, PA	New Castle, DE	cold	Crustal	0.6	1.5	0.9	0.02
Philadelphia, PA	New Castle, DE	cold	Nitrate	4.7	5.8	1.0	0.02
Philadelphia, PA	New Castle, DE	cold	Sulfate	9.2	11.4	2.2	0.05
Philadelphia, PA	New Castle, DE	warm	Carbon	6.1	7.9	1.9	0.11
Philadelphia, PA	New Castle, DE	warm	Crustal	0.7	0.7	0.0	0.00
Philadelphia, PA	New Castle, DE	warm	Nitrate	0.2	0.3	0.1	0.01
Philadelphia, PA	New Castle, DE	warm	Sulfate	23.2	24.6	1.4	0.08
Philadelphia, PA	Philadelphia, PA	cold	Carbon	8.6	10.6	2.0	0.43
Philadelphia, PA	Philadelphia, PA	cold	Crustal	0.8	1.0	0.2	0.04
Philadelphia, PA	Philadelphia, PA	cold	Nitrate	4.1	5.2	1.1	0.23
Philadelphia, PA	Philadelphia, PA	cold	Sulfate	10.8	12.2	1.4	0.30
Philadelphia, PA	Philadelphia, PA	warm	Carbon	5.9	6.0	0.1	0.02
Philadelphia, PA	Philadelphia, PA	warm	Crustal	0.7	0.9	0.2	0.04
Philadelphia, PA	Philadelphia, PA	warm	Nitrate	0.0	0.0	0.0	0.00
Philadelphia, PA	Philadelphia, PA	warm	Sulfate	24.6	29.6	5.0	0.94
Pinehurst, ID	Shoshone, ID	cold	Carbon	3.9	20.1	16.2	0.57
Pinehurst, ID	Shoshone, ID	cold	Crustal	0.3	1.1	0.8	0.03
Pinehurst, ID	Shoshone, ID	cold	Nitrate	3.5	12.3	8.8	0.31
Pinehurst, ID	Shoshone, ID	cold	Sulfate	0.9	3.3	2.4	0.09
Pinehurst, ID	Shoshone, ID	warm	Carbon	3.1	8.6	5.5	0.76
Pinehurst, ID	Shoshone, ID	warm	Crustal	0.9	1.6	0.7	0.10
Pinehurst, ID	Shoshone, ID	warm	Nitrate	0.0	0.0	0.0	0.00

Table A-6: Summary of the Violating County Specific Seasonal Pollutant Urban Increment and Fraction Used in the CES Calculation

Area Name	Violating County	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)	Increment Fraction
Pinehurst, ID	Shoshone, ID	warm	Sulfate	1.6	2.6	1.0	0.14
Pittsburgh, PA	Allegheny, PA	cold	Crustal	1.5	2.7	1.2	0.05
Pittsburgh, PA	Allegheny, PA	cold	Nitrate	4.2	5.6	1.4	0.06
Pittsburgh, PA	Allegheny, PA	cold	Sulfate	15.9	20.1	4.2	0.19
Pittsburgh, PA	Allegheny, PA	cold	Carbon	7.8	22.9	15.1	0.69
Pittsburgh, PA	Allegheny, PA	warm	Crustal	2.3	2.1	0.0	0.00
Pittsburgh, PA	Allegheny, PA	warm	Nitrate	0.0	0.0	0.0	0.00
Pittsburgh, PA	Allegheny, PA	warm	Sulfate	40.4	53.8	13.4	0.46
Pittsburgh, PA	Allegheny, PA	warm	Carbon	7.7	23.3	15.5	0.54
Pittsburgh, PA	Beaver, PA	cold	Carbon	4.1	11.2	7.1	0.18
Pittsburgh, PA	Beaver, PA	cold	Crustal	0.7	1.1	0.5	0.01
Pittsburgh, PA	Beaver, PA	cold	Nitrate	2.3	3.1	0.7	0.02
Pittsburgh, PA	Beaver, PA	cold	Sulfate	8.1	9.7	1.6	0.04
Pittsburgh, PA	Beaver, PA	warm	Carbon	4.1	11.9	7.8	0.13
Pittsburgh, PA	Beaver, PA	warm	Crustal	1.2	1.1	0.0	0.00
Pittsburgh, PA	Beaver, PA	warm	Nitrate	0.0	0.0	0.0	0.00
Pittsburgh, PA	Beaver, PA	warm	Sulfate	22.4	29.0	6.7	0.12
Pittsburgh, PA	Washington, PA	cold	Carbon	3.9	5.8	1.9	0.70
Pittsburgh, PA	Washington, PA	cold	Crustal	0.5	0.4	0.0	0.00
Pittsburgh, PA	Washington, PA	cold	Nitrate	2.8	3.6	0.8	0.30
Pittsburgh, PA	Washington, PA	cold	Sulfate	7.8	7.8	0.0	0.00
Pittsburgh, PA	Washington, PA	warm	Carbon	3.9	7.7	3.8	0.47
Pittsburgh, PA	Washington, PA	warm	Crustal	1.0	1.1	0.1	0.01
Pittsburgh, PA	Washington, PA	warm	Nitrate	0.0	0.0	0.0	0.00
Pittsburgh, PA	Washington, PA	warm	Sulfate	23.0	27.2	4.2	0.52
Pittsburgh, PA	Westmoreland, PA	cold	Carbon	4.0	9.8	5.8	0.65
Pittsburgh, PA	Westmoreland, PA	cold	Crustal	0.6	2.5	1.9	0.21
Pittsburgh, PA	Westmoreland, PA	cold	Nitrate	2.7	3.7	1.0	0.11
Pittsburgh, PA	Westmoreland, PA	cold	Sulfate	5.3	5.5	0.2	0.02
Pittsburgh, PA	Westmoreland, PA	warm	Carbon	4.1	8.4	4.3	0.42
Pittsburgh, PA	Westmoreland, PA	warm	Crustal	1.0	0.6	0.0	0.00
Pittsburgh, PA	Westmoreland, PA	warm	Nitrate	0.0	0.0	0.0	0.00
Pittsburgh, PA	Westmoreland, PA	warm	Sulfate	24.1	30.1	6.0	0.58
Provo, UT	Utah, UT	cold	Carbon	0.5	9.7	9.2	0.20
Provo, UT	Utah, UT	cold	Crustal	0.2	1.1	0.9	0.02
Provo, UT	Utah, UT	cold	Nitrate	0.6	33.5	32.9	0.73
Provo, UT	Utah, UT	cold	Sulfate	0.6	2.9	2.3	0.05
Provo, UT	Utah, UT	warm	Carbon	1.9	11.3	9.4	0.90
Provo, UT	Utah, UT	warm	Crustal	1.5	1.7	0.2	0.02
Provo, UT	Utah, UT	warm	Nitrate	0.0	0.0	0.0	0.00
Provo, UT	Utah, UT	warm	Sulfate	1.9	2.8	0.9	0.09
Reading, PA	Berks, PA	cold	Carbon	4.9	9.9	5.0	0.52
Reading, PA	Berks, PA	cold	Crustal	0.6	0.8	0.2	0.02
Reading, PA	Berks, PA	cold	Nitrate	4.1	6.9	2.8	0.29
Reading, PA	Berks, PA	cold	Sulfate	7.8	9.5	1.7	0.18
Reading, PA	Berks, PA	warm	Carbon	4.7	8.4	3.7	0.65
Reading, PA	Berks, PA	warm	Crustal	1.0	0.7	0.0	0.00
Reading, PA	Berks, PA	warm	Nitrate	0.0	0.0	0.0	0.00
Reading, PA	Berks, PA	warm	Sulfate	22.8	24.8	2.0	0.35
Sacramento, CA	Placer, CA	cold	Carbon	11.3	25.2	13.9	0.32
Sacramento, CA	Placer, CA	cold	Crustal	0.3	0.6	0.3	0.01
Sacramento, CA	Placer, CA	cold	Nitrate	6.3	13.2	6.9	0.16
Sacramento, CA	Placer, CA	cold	Sulfate	1.2	1.8	0.6	0.01
Sacramento, CA	Placer, CA	warm	Carbon	3.0	7.7	4.7	0.38
Sacramento, CA	Placer, CA	warm	Crustal	0.7	0.9	0.3	0.02
Sacramento, CA	Placer, CA	warm	Nitrate	0.0	0.0	0.0	0.00
Sacramento, CA	Placer, CA	warm	Sulfate	1.7	2.9	1.2	0.10

Table A-6: Summary of the Violating County Specific Seasonal Pollutant Urban Increment and Fraction Used in the CES Calculation

Area Name	Violating County	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)	Increment Fraction
Sacramento, CA	Sacramento, CA	cold	Carbon	9.7	28.2	18.5	0.74
Sacramento, CA	Sacramento, CA	cold	Crustal	0.3	0.6	0.3	0.01
Sacramento, CA	Sacramento, CA	cold	Nitrate	4.1	9.8	5.7	0.23
Sacramento, CA	Sacramento, CA	cold	Sulfate	0.9	1.5	0.6	0.02
Sacramento, CA	Sacramento, CA	warm	Carbon	2.3	6.9	4.6	0.73
Sacramento, CA	Sacramento, CA	warm	Crustal	0.6	1.0	0.4	0.06
Sacramento, CA	Sacramento, CA	warm	Nitrate	0.0	0.0	0.0	0.00
Sacramento, CA	Sacramento, CA	warm	Sulfate	1.6	2.9	1.3	0.21
Salt Lake City, UT	Davis, UT	cold	Carbon	10.6	10.2	0.0	0.00
Salt Lake City, UT	Davis, UT	cold	Crustal	0.9	0.6	0.0	0.00
Salt Lake City, UT	Davis, UT	cold	Nitrate	18.9	27.0	8.1	0.79
Salt Lake City, UT	Davis, UT	cold	Sulfate	2.1	4.3	2.2	0.21
Salt Lake City, UT	Davis, UT	warm	Carbon	11.0	11.0	0.0	0.00
Salt Lake City, UT	Davis, UT	warm	Crustal	1.5	1.9	0.4	0.50
Salt Lake City, UT	Davis, UT	warm	Nitrate	0.0	0.0	0.0	0.00
Salt Lake City, UT	Davis, UT	warm	Sulfate	2.0	2.4	0.4	0.50
Salt Lake City, UT	Salt Lake, UT	cold	Carbon	9.0	14.2	5.1	0.17
Salt Lake City, UT	Salt Lake, UT	cold	Crustal	1.1	1.0	0.0	0.00
Salt Lake City, UT	Salt Lake, UT	cold	Nitrate	18.1	26.2	8.1	0.27
Salt Lake City, UT	Salt Lake, UT	cold	Sulfate	1.8	3.6	1.9	0.06
Salt Lake City, UT	Salt Lake, UT	warm	Carbon	6.2	11.4	5.2	0.40
Salt Lake City, UT	Salt Lake, UT	warm	Crustal	2.1	3.2	1.1	0.08
Salt Lake City, UT	Salt Lake, UT	warm	Nitrate	0.0	0.0	0.0	0.00
Salt Lake City, UT	Salt Lake, UT	warm	Sulfate	1.6	1.8	0.2	0.02
Salt Lake City, UT	Weber, UT	cold	Carbon	9.9	11.9	1.9	0.08
Salt Lake City, UT	Weber, UT	cold	Crustal	1.0	0.8	0.0	0.00
Salt Lake City, UT	Weber, UT	cold	Nitrate	18.6	26.7	8.1	0.33
Salt Lake City, UT	Weber, UT	cold	Sulfate	2.0	4.0	2.1	0.09
Salt Lake City, UT	Weber, UT	warm	Carbon	9.0	11.2	2.2	0.34
Salt Lake City, UT	Weber, UT	warm	Crustal	1.7	2.5	0.7	0.11
Salt Lake City, UT	Weber, UT	warm	Nitrate	0.0	0.0	0.0	0.00
Salt Lake City, UT	Weber, UT	warm	Sulfate	1.8	2.2	0.3	0.05
San Francisco, CA	Santa Clara, CA	cold	Carbon	5.5	22.9	17.4	0.62
San Francisco, CA	Santa Clara, CA	cold	Crustal	0.3	1.1	0.8	0.03
San Francisco, CA	Santa Clara, CA	cold	Nitrate	6.0	12.5	6.5	0.23
San Francisco, CA	Santa Clara, CA	cold	Sulfate	2.3	5.6	3.3	0.12
San Francisco, CA	Santa Clara, CA	warm	Carbon	2.5	9.8	7.3	0.81
San Francisco, CA	Santa Clara, CA	warm	Crustal	0.5	0.7	0.2	0.02
San Francisco, CA	Santa Clara, CA	warm	Nitrate	0.0	0.0	0.0	0.00
San Francisco, CA	Santa Clara, CA	warm	Sulfate	2.1	3.6	1.5	0.17
San Francisco, CA	Solano, CA	cold	Carbon	5.5	22.9	17.4	0.62
San Francisco, CA	Solano, CA	cold	Crustal	0.3	1.1	0.8	0.03
San Francisco, CA	Solano, CA	cold	Nitrate	6.0	12.5	6.5	0.23
San Francisco, CA	Solano, CA	cold	Sulfate	2.3	5.6	3.3	0.12
San Francisco, CA	Solano, CA	warm	Carbon	2.5	9.8	7.3	0.81
San Francisco, CA	Solano, CA	warm	Crustal	0.5	0.7	0.2	0.02
San Francisco, CA	Solano, CA	warm	Nitrate	0.0	0.0	0.0	0.00
San Francisco, CA	Solano, CA	warm	Sulfate	2.1	3.6	1.5	0.17
San Joaquin Valley, CA	Fresno, CA	cold	Carbon	3.7	20.4	16.8	0.09
San Joaquin Valley, CA	Fresno, CA	cold	Crustal	0.4	0.7	0.3	0.00
San Joaquin Valley, CA	Fresno, CA	cold	Nitrate	8.0	35.0	27.0	0.14
San Joaquin Valley, CA	Fresno, CA	cold	Sulfate	1.3	4.0	2.7	0.01
San Joaquin Valley, CA	Fresno, CA	warm	Carbon	2.8	10.0	7.2	0.19
San Joaquin Valley, CA	Fresno, CA	warm	Crustal	1.4	1.7	0.3	0.01
San Joaquin Valley, CA	Fresno, CA	warm	Nitrate	0.0	0.0	0.0	0.00
San Joaquin Valley, CA	Fresno, CA	warm	Sulfate	2.4	4.3	1.9	0.05
San Joaquin Valley, CA	Kern, CA	cold	Carbon	1.4	19.7	18.3	0.08

Table A-6: Summary of the Violating County Specific Seasonal Pollutant Urban Increment and Fraction Used in the CES Calculation

Area Name	Violating County	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)	Increment Fraction
San Joaquin Valley, CA	Kern, CA	cold	Crustal	0.3	1.7	1.4	0.01
San Joaquin Valley, CA	Kern, CA	cold	Nitrate	4.9	41.6	36.7	0.15
San Joaquin Valley, CA	Kern, CA	cold	Sulfate	0.9	5.3	4.4	0.02
San Joaquin Valley, CA	Kern, CA	warm	Carbon	2.5	11.6	9.1	0.19
San Joaquin Valley, CA	Kern, CA	warm	Crustal	1.3	2.1	0.8	0.02
San Joaquin Valley, CA	Kern, CA	warm	Nitrate	0.0	0.0	0.0	0.00
San Joaquin Valley, CA	Kern, CA	warm	Sulfate	3.0	5.2	2.2	0.05
San Joaquin Valley, CA	Kings, CA	cold	Carbon	1.8	17.7	15.9	0.08
San Joaquin Valley, CA	Kings, CA	cold	Crustal	0.3	0.9	0.5	0.00
San Joaquin Valley, CA	Kings, CA	cold	Nitrate	3.7	33.9	30.2	0.15
San Joaquin Valley, CA	Kings, CA	cold	Sulfate	0.9	4.1	3.3	0.02
San Joaquin Valley, CA	Kings, CA	warm	Carbon	2.6	10.2	7.7	0.19
San Joaquin Valley, CA	Kings, CA	warm	Crustal	1.3	2.0	0.7	0.02
San Joaquin Valley, CA	Kings, CA	warm	Nitrate	0.0	0.0	0.0	0.00
San Joaquin Valley, CA	Kings, CA	warm	Sulfate	3.0	5.1	2.0	0.05
San Joaquin Valley, CA	Merced, CA	cold	Carbon	3.2	21.6	18.4	0.10
San Joaquin Valley, CA	Merced, CA	cold	Crustal	0.3	0.9	0.6	0.00
San Joaquin Valley, CA	Merced, CA	cold	Nitrate	6.0	31.7	25.7	0.14
San Joaquin Valley, CA	Merced, CA	cold	Sulfate	1.0	3.4	2.4	0.01
San Joaquin Valley, CA	Merced, CA	warm	Carbon	2.8	7.9	5.1	0.19
San Joaquin Valley, CA	Merced, CA	warm	Crustal	1.2	1.5	0.3	0.01
San Joaquin Valley, CA	Merced, CA	warm	Nitrate	0.0	0.0	0.0	0.00
San Joaquin Valley, CA	Merced, CA	warm	Sulfate	2.5	3.9	1.4	0.05
San Joaquin Valley, CA	San Joaquin, CA	cold	Carbon	3.4	22.9	19.5	0.11
San Joaquin Valley, CA	San Joaquin, CA	cold	Crustal	0.3	1.0	0.7	0.00
San Joaquin Valley, CA	San Joaquin, CA	cold	Nitrate	5.8	29.7	24.0	0.13
San Joaquin Valley, CA	San Joaquin, CA	cold	Sulfate	1.0	3.0	2.0	0.01
San Joaquin Valley, CA	San Joaquin, CA	warm	Carbon	2.9	6.6	3.7	0.19
San Joaquin Valley, CA	San Joaquin, CA	warm	Crustal	1.1	1.3	0.3	0.02
San Joaquin Valley, CA	San Joaquin, CA	warm	Nitrate	0.0	0.0	0.0	0.00
San Joaquin Valley, CA	San Joaquin, CA	warm	Sulfate	2.4	3.4	1.0	0.05
San Joaquin Valley, CA	Stanislaus, CA	cold	Carbon	3.6	23.8	20.2	0.45
San Joaquin Valley, CA	Stanislaus, CA	cold	Crustal	0.3	1.0	0.7	0.02
San Joaquin Valley, CA	Stanislaus, CA	cold	Nitrate	5.8	28.5	22.7	0.50
San Joaquin Valley, CA	Stanislaus, CA	cold	Sulfate	1.0	2.7	1.7	0.04
San Joaquin Valley, CA	Stanislaus, CA	warm	Carbon	3.0	5.8	2.8	0.74
San Joaquin Valley, CA	Stanislaus, CA	warm	Crustal	1.0	1.2	0.2	0.05
San Joaquin Valley, CA	Stanislaus, CA	warm	Nitrate	0.0	0.0	0.0	0.00
San Joaquin Valley, CA	Stanislaus, CA	warm	Sulfate	2.3	3.1	0.8	0.21
San Joaquin Valley, CA	Tulare, CA	cold	Carbon	1.1	15.9	14.8	0.30
San Joaquin Valley, CA	Tulare, CA	cold	Crustal	0.3	0.7	0.4	0.01
San Joaquin Valley, CA	Tulare, CA	cold	Nitrate	1.8	32.1	30.3	0.62
San Joaquin Valley, CA	Tulare, CA	cold	Sulfate	0.7	4.0	3.3	0.07
San Joaquin Valley, CA	Tulare, CA	warm	Carbon	2.5	10.3	7.8	0.73
San Joaquin Valley, CA	Tulare, CA	warm	Crustal	1.3	2.1	0.8	0.07
San Joaquin Valley, CA	Tulare, CA	warm	Nitrate	0.0	0.0	0.0	0.00
San Joaquin Valley, CA	Tulare, CA	warm	Sulfate	3.3	5.4	2.1	0.20
St. Louis, MO	Madison, IL	cold	Carbon	2.9	6.4	3.5	0.13
St. Louis, MO	Madison, IL	cold	Crustal	0.5	0.9	0.4	0.01
St. Louis, MO	Madison, IL	cold	Nitrate	9.8	12.1	2.3	0.09
St. Louis, MO	Madison, IL	cold	Sulfate	8.1	10.8	2.7	0.10
St. Louis, MO	Madison, IL	warm	Carbon	4.4	8.2	3.8	0.18
St. Louis, MO	Madison, IL	warm	Crustal	1.2	1.0	0.0	0.00
St. Louis, MO	Madison, IL	warm	Nitrate	0.0	0.0	0.0	0.00
St. Louis, MO	Madison, IL	warm	Sulfate	25.1	28.4	3.3	0.15
State College, PA	Centre, PA	cold	Carbon	3.7	7.7	4.0	0.54
State College, PA	Centre, PA	cold	Crustal	0.6	0.4	0.0	0.00

Table A-6: Summary of the Violating County Specific Seasonal Pollutant Urban Increment and Fraction Used in the CES Calculation

Area Name	Violating County	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)	Increment Fraction
State College, PA	Centre, PA	cold	Nitrate	4.5	5.8	1.3	0.18
State College, PA	Centre, PA	cold	Sulfate	6.7	8.8	2.1	0.28
State College, PA	Centre, PA	warm	Carbon	4.2	8.1	3.9	0.33
State College, PA	Centre, PA	warm	Crustal	0.9	0.6	0.0	0.00
State College, PA	Centre, PA	warm	Nitrate	0.0	0.0	0.0	0.00
State College, PA	Centre, PA	warm	Sulfate	24.2	32.3	8.1	0.68
Steubenville, OH	Brooke, WV	cold	Carbon	3.5	9.2	5.7	0.37
Steubenville, OH	Brooke, WV	cold	Crustal	0.6	3.4	2.8	0.18
Steubenville, OH	Brooke, WV	cold	Nitrate	0.0	0.0	0.0	0.00
Steubenville, OH	Brooke, WV	cold	Sulfate	8.8	15.8	7.0	0.45
Steubenville, OH	Brooke, WV	warm	Carbon	3.7	9.3	5.6	0.41
Steubenville, OH	Brooke, WV	warm	Crustal	0.8	1.7	0.9	0.07
Steubenville, OH	Brooke, WV	warm	Nitrate	0.0	0.0	0.0	0.00
Steubenville, OH	Brooke, WV	warm	Sulfate	14.8	22.0	7.2	0.53
Steubenville, OH	Hancock, WV	cold	Carbon	3.5	9.2	5.7	0.37
Steubenville, OH	Hancock, WV	cold	Crustal	0.6	3.4	2.8	0.18
Steubenville, OH	Hancock, WV	cold	Nitrate	0.0	0.0	0.0	0.00
Steubenville, OH	Hancock, WV	cold	Sulfate	8.8	15.8	7.0	0.45
Steubenville, OH	Hancock, WV	warm	Carbon	3.7	9.3	5.6	0.41
Steubenville, OH	Hancock, WV	warm	Crustal	0.8	1.7	0.9	0.07
Steubenville, OH	Hancock, WV	warm	Nitrate	0.0	0.0	0.0	0.00
Steubenville, OH	Hancock, WV	warm	Sulfate	14.8	22.0	7.2	0.53
Steubenville, OH	Jefferson, OH	cold	Carbon	3.5	9.2	5.7	0.37
Steubenville, OH	Jefferson, OH	cold	Crustal	0.6	3.4	2.8	0.18
Steubenville, OH	Jefferson, OH	cold	Nitrate	0.0	0.0	0.0	0.00
Steubenville, OH	Jefferson, OH	cold	Sulfate	8.8	15.8	7.0	0.45
Steubenville, OH	Jefferson, OH	warm	Carbon	3.7	9.3	5.6	0.41
Steubenville, OH	Jefferson, OH	warm	Crustal	0.8	1.7	0.9	0.07
Steubenville, OH	Jefferson, OH	warm	Nitrate	0.0	0.0	0.0	0.00
Steubenville, OH	Jefferson, OH	warm	Sulfate	14.8	22.0	7.2	0.53
Tacoma, WA	Pierce, WA	cold	Carbon	1.2	19.1	17.9	0.24
Tacoma, WA	Pierce, WA	cold	Crustal	0.2	1.0	0.8	0.01
Tacoma, WA	Pierce, WA	cold	Nitrate	0.1	2.6	2.4	0.03
Tacoma, WA	Pierce, WA	cold	Sulfate	0.8	4.9	4.0	0.05
Tacoma, WA	Pierce, WA	warm	Carbon	2.6	8.5	5.9	0.23
Tacoma, WA	Pierce, WA	warm	Crustal	0.4	0.6	0.2	0.01
Tacoma, WA	Pierce, WA	warm	Nitrate	0.0	0.0	0.0	0.00
Tacoma, WA	Pierce, WA	warm	Sulfate	1.7	4.3	2.6	0.10
Vincennes, IN	Knox, IN	cold	Carbon	5.0	8.1	3.1	0.43
Vincennes, IN	Knox, IN	cold	Crustal	0.6	0.9	0.3	0.04
Vincennes, IN	Knox, IN	cold	Nitrate	7.5	9.7	2.2	0.31
Vincennes, IN	Knox, IN	cold	Sulfate	8.0	9.6	1.6	0.22
Vincennes, IN	Knox, IN	warm	Carbon	6.3	8.7	2.4	0.44
Vincennes, IN	Knox, IN	warm	Crustal	1.0	1.1	0.1	0.02
Vincennes, IN	Knox, IN	warm	Nitrate	0.0	0.0	0.0	0.00
Vincennes, IN	Knox, IN	warm	Sulfate	22.8	25.8	3.0	0.55
Washington, DC	District of Columbia, DC	cold	Carbon	4.6	11.1	6.5	0.18
Washington, DC	District of Columbia, DC	cold	Crustal	0.6	0.7	0.2	0.01
Washington, DC	District of Columbia, DC	cold	Nitrate	4.7	7.3	2.6	0.07
Washington, DC	District of Columbia, DC	cold	Sulfate	8.7	11.1	2.5	0.07
Washington, DC	District of Columbia, DC	warm	Carbon	5.2	10.7	5.5	0.16
Washington, DC	District of Columbia, DC	warm	Crustal	1.2	1.1	0.0	0.00
Washington, DC	District of Columbia, DC	warm	Nitrate	0.0	0.0	0.0	0.00
Washington, DC	District of Columbia, DC	warm	Sulfate	19.8	26.1	6.3	0.18
York, PA	York, PA	cold	Carbon	4.2	11.7	7.5	0.37
York, PA	York, PA	cold	Crustal	0.5	0.9	0.4	0.02
York, PA	York, PA	cold	Nitrate	10.3	15.9	5.6	0.28

Table A-6: Summary of the Violating County Specific Seasonal Pollutant Urban Increment and Fraction Used in the CES Calculation

Area Name	Violating County	Season	Pollutant	Regional Concentration (ug/m3)	Total Concentration (ug/m3)	Urban Increment (ug/m3)	Increment Fraction
York, PA	York, PA	cold	Sulfate	9.8	16.6	6.8	0.33
York, PA	York, PA	warm	Carbon	3.6	7.5	3.9	0.85
York, PA	York, PA	warm	Crustal	1.0	1.0	0.0	0.00
York, PA	York, PA	warm	Nitrate	0.0	0.0	0.0	0.00
York, PA	York, PA	warm	Sulfate	25.9	26.6	0.7	0.15
Youngstown, OH	Mahoning, OH	cold	Carbon	5.8	10.6	4.8	0.44
Youngstown, OH	Mahoning, OH	cold	Crustal	0.5	2.1	1.6	0.15
Youngstown, OH	Mahoning, OH	cold	Nitrate	5.0	8.4	3.4	0.31
Youngstown, OH	Mahoning, OH	cold	Sulfate	6.4	7.6	1.2	0.11
Youngstown, OH	Mahoning, OH	warm	Carbon	7.7	9.9	2.2	0.35
Youngstown, OH	Mahoning, OH	warm	Crustal	1.1	2.6	1.5	0.24
Youngstown, OH	Mahoning, OH	warm	Nitrate	0.0	0.0	0.0	0.00
Youngstown, OH	Mahoning, OH	warm	Sulfate	26.8	29.3	2.5	0.40
Youngstown, OH	Trumbull, OH	cold	Carbon	5.8	10.6	4.8	0.44
Youngstown, OH	Trumbull, OH	cold	Crustal	0.5	2.1	1.6	0.15
Youngstown, OH	Trumbull, OH	cold	Nitrate	5.0	8.4	3.4	0.31
Youngstown, OH	Trumbull, OH	cold	Sulfate	6.4	7.6	1.2	0.11
Youngstown, OH	Trumbull, OH	warm	Carbon	7.7	9.9	2.2	0.35
Youngstown, OH	Trumbull, OH	warm	Crustal	1.1	2.6	1.5	0.24
Youngstown, OH	Trumbull, OH	warm	Nitrate	0.0	0.0	0.0	0.00
Youngstown, OH	Trumbull, OH	warm	Sulfate	26.8	29.3	2.5	0.40
Yuba City, CA	Sutter, CA	cold	Carbon	3.9	20.1	16.2	0.57
Yuba City, CA	Sutter, CA	cold	Crustal	0.3	1.1	0.8	0.03
Yuba City, CA	Sutter, CA	cold	Nitrate	3.5	12.3	8.8	0.31
Yuba City, CA	Sutter, CA	cold	Sulfate	0.9	3.3	2.4	0.09
Yuba City, CA	Sutter, CA	warm	Carbon	3.1	8.6	5.5	0.76
Yuba City, CA	Sutter, CA	warm	Crustal	0.9	1.6	0.7	0.10
Yuba City, CA	Sutter, CA	warm	Nitrate	0.0	0.0	0.0	0.00
Yuba City, CA	Sutter, CA	warm	Sulfate	1.6	2.6	1.0	0.14

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Albany, GA	Dougherty, GA	cold	Atkinson, GA	24
Albany, GA	Dougherty, GA	cold	Bacon, GA	11
Albany, GA	Dougherty, GA	cold	Baker, GA	90
Albany, GA	Dougherty, GA	cold	Barbour, AL	27
Albany, GA	Dougherty, GA	cold	Bay, FL	15
Albany, GA	Dougherty, GA	cold	Ben Hill, GA	34
Albany, GA	Dougherty, GA	cold	Berrien, GA	41
Albany, GA	Dougherty, GA	cold	Bibb, GA	17
Albany, GA	Dougherty, GA	cold	Bleckley, GA	21
Albany, GA	Dougherty, GA	cold	Brooks, GA	51
Albany, GA	Dougherty, GA	cold	Bullock, AL	18
Albany, GA	Dougherty, GA	cold	Calhoun, FL	23
Albany, GA	Dougherty, GA	cold	Calhoun, GA	81
Albany, GA	Dougherty, GA	cold	Chattahoochee, GA	25
Albany, GA	Dougherty, GA	cold	Clay, GA	51
Albany, GA	Dougherty, GA	cold	Clinch, GA	21
Albany, GA	Dougherty, GA	cold	Coffee, AL	14
Albany, GA	Dougherty, GA	cold	Coffee, GA	21
Albany, GA	Dougherty, GA	cold	Colquitt, GA	76
Albany, GA	Dougherty, GA	cold	Columbia, FL	15
Albany, GA	Dougherty, GA	cold	Cook, GA	54
Albany, GA	Dougherty, GA	cold	Covington, AL	9
Albany, GA	Dougherty, GA	cold	Crawford, GA	21
Albany, GA	Dougherty, GA	cold	Crenshaw, AL	12
Albany, GA	Dougherty, GA	cold	Crisp, GA	59
Albany, GA	Dougherty, GA	cold	Dale, AL	22
Albany, GA	Dougherty, GA	cold	Decatur, GA	56
Albany, GA	Dougherty, GA	cold	Dixie, FL	14
Albany, GA	Dougherty, GA	cold	Dodge, GA	22
Albany, GA	Dougherty, GA	cold	Dooly, GA	42
Albany, GA	Dougherty, GA	cold	Dougherty, GA	100
Albany, GA	Dougherty, GA	cold	Early, GA	56
Albany, GA	Dougherty, GA	cold	Echols, GA	24
Albany, GA	Dougherty, GA	cold	Franklin, FL	16
Albany, GA	Dougherty, GA	cold	Gadsden, FL	40
Albany, GA	Dougherty, GA	cold	Geneva, AL	14
Albany, GA	Dougherty, GA	cold	Grady, GA	66
Albany, GA	Dougherty, GA	cold	Gulf, FL	15
Albany, GA	Dougherty, GA	cold	Hamilton, FL	23
Albany, GA	Dougherty, GA	cold	Harris, GA	13
Albany, GA	Dougherty, GA	cold	Henry, AL	36
Albany, GA	Dougherty, GA	cold	Holmes, FL	13
Albany, GA	Dougherty, GA	cold	Houston, AL	29
Albany, GA	Dougherty, GA	cold	Houston, GA	26
Albany, GA	Dougherty, GA	cold	Irwin, GA	43
Albany, GA	Dougherty, GA	cold	Jackson, FL	27
Albany, GA	Dougherty, GA	cold	Jeff Davis, GA	13
Albany, GA	Dougherty, GA	cold	Jefferson, FL	39
Albany, GA	Dougherty, GA	cold	Lafayette, FL	20

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Albany, GA	Dougherty, GA	cold	Lanier, GA	32
Albany, GA	Dougherty, GA	cold	Laurens, GA	13
Albany, GA	Dougherty, GA	cold	Lee, AL	13
Albany, GA	Dougherty, GA	cold	Lee, GA	84
Albany, GA	Dougherty, GA	cold	Leon, FL	40
Albany, GA	Dougherty, GA	cold	Liberty, FL	24
Albany, GA	Dougherty, GA	cold	Lowndes, GA	38
Albany, GA	Dougherty, GA	cold	Macon, AL	15
Albany, GA	Dougherty, GA	cold	Macon, GA	34
Albany, GA	Dougherty, GA	cold	Madison, FL	33
Albany, GA	Dougherty, GA	cold	Marion, GA	29
Albany, GA	Dougherty, GA	cold	Meriwether, GA	12
Albany, GA	Dougherty, GA	cold	Miller, GA	63
Albany, GA	Dougherty, GA	cold	Mitchell, GA	92
Albany, GA	Dougherty, GA	cold	Monroe, GA	14
Albany, GA	Dougherty, GA	cold	Montgomery, AL	13
Albany, GA	Dougherty, GA	cold	Muscogee, GA	18
Albany, GA	Dougherty, GA	cold	Peach, GA	24
Albany, GA	Dougherty, GA	cold	Pike, AL	16
Albany, GA	Dougherty, GA	cold	Pulaski, GA	29
Albany, GA	Dougherty, GA	cold	Quitman, GA	43
Albany, GA	Dougherty, GA	cold	Randolph, GA	63
Albany, GA	Dougherty, GA	cold	Russell, AL	21
Albany, GA	Dougherty, GA	cold	Schley, GA	37
Albany, GA	Dougherty, GA	cold	Seminole, GA	45
Albany, GA	Dougherty, GA	cold	Stewart, GA	38
Albany, GA	Dougherty, GA	cold	Sumter, GA	57
Albany, GA	Dougherty, GA	cold	Suwannee, FL	20
Albany, GA	Dougherty, GA	cold	Talbot, GA	18
Albany, GA	Dougherty, GA	cold	Taylor, FL	25
Albany, GA	Dougherty, GA	cold	Taylor, GA	24
Albany, GA	Dougherty, GA	cold	Telfair, GA	19
Albany, GA	Dougherty, GA	cold	Terrell, GA	80
Albany, GA	Dougherty, GA	cold	Thomas, GA	64
Albany, GA	Dougherty, GA	cold	Tift, GA	64
Albany, GA	Dougherty, GA	cold	Turner, GA	65
Albany, GA	Dougherty, GA	cold	Twiggs, GA	17
Albany, GA	Dougherty, GA	cold	Upson, GA	16
Albany, GA	Dougherty, GA	cold	Wakulla, FL	27
Albany, GA	Dougherty, GA	cold	Walton, FL	9
Albany, GA	Dougherty, GA	cold	Ware, GA	14
Albany, GA	Dougherty, GA	cold	Washington, FL	16
Albany, GA	Dougherty, GA	cold	Webster, GA	51
Albany, GA	Dougherty, GA	cold	Wheeler, GA	13
Albany, GA	Dougherty, GA	cold	Wilcox, GA	37
Albany, GA	Dougherty, GA	cold	Worth, GA	86
Albany, GA	Dougherty, GA	warm	Atkinson, GA	30
Albany, GA	Dougherty, GA	warm	Bacon, GA	22
Albany, GA	Dougherty, GA	warm	Baker, GA	85

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Albany, GA	Dougherty, GA	warm	Barbour, AL	39
Albany, GA	Dougherty, GA	warm	Bay, FL	19
Albany, GA	Dougherty, GA	warm	Ben Hill, GA	54
Albany, GA	Dougherty, GA	warm	Berrien, GA	43
Albany, GA	Dougherty, GA	warm	Bibb, GA	25
Albany, GA	Dougherty, GA	warm	Bleckley, GA	34
Albany, GA	Dougherty, GA	warm	Brooks, GA	30
Albany, GA	Dougherty, GA	warm	Bullock, AL	27
Albany, GA	Dougherty, GA	warm	Calhoun, FL	21
Albany, GA	Dougherty, GA	warm	Calhoun, GA	88
Albany, GA	Dougherty, GA	warm	Chattahoochee, GA	37
Albany, GA	Dougherty, GA	warm	Clay, GA	66
Albany, GA	Dougherty, GA	warm	Clinch, GA	18
Albany, GA	Dougherty, GA	warm	Coffee, AL	23
Albany, GA	Dougherty, GA	warm	Coffee, GA	34
Albany, GA	Dougherty, GA	warm	Colquitt, GA	64
Albany, GA	Dougherty, GA	warm	Columbia, FL	7
Albany, GA	Dougherty, GA	warm	Cook, GA	47
Albany, GA	Dougherty, GA	warm	Covington, AL	17
Albany, GA	Dougherty, GA	warm	Crawford, GA	28
Albany, GA	Dougherty, GA	warm	Crenshaw, AL	18
Albany, GA	Dougherty, GA	warm	Crisp, GA	77
Albany, GA	Dougherty, GA	warm	Dale, AL	34
Albany, GA	Dougherty, GA	warm	Decatur, GA	44
Albany, GA	Dougherty, GA	warm	Dixie, FL	4
Albany, GA	Dougherty, GA	warm	Dodge, GA	40
Albany, GA	Dougherty, GA	warm	Dooly, GA	59
Albany, GA	Dougherty, GA	warm	Dougherty, GA	100
Albany, GA	Dougherty, GA	warm	Early, GA	65
Albany, GA	Dougherty, GA	warm	Echols, GA	14
Albany, GA	Dougherty, GA	warm	Franklin, FL	14
Albany, GA	Dougherty, GA	warm	Gadsden, FL	26
Albany, GA	Dougherty, GA	warm	Geneva, AL	25
Albany, GA	Dougherty, GA	warm	Grady, GA	45
Albany, GA	Dougherty, GA	warm	Gulf, FL	17
Albany, GA	Dougherty, GA	warm	Hamilton, FL	10
Albany, GA	Dougherty, GA	warm	Harris, GA	23
Albany, GA	Dougherty, GA	warm	Henry, AL	51
Albany, GA	Dougherty, GA	warm	Holmes, FL	22
Albany, GA	Dougherty, GA	warm	Houston, AL	41
Albany, GA	Dougherty, GA	warm	Houston, GA	38
Albany, GA	Dougherty, GA	warm	Irwin, GA	58
Albany, GA	Dougherty, GA	warm	Jackson, FL	30
Albany, GA	Dougherty, GA	warm	Jeff Davis, GA	28
Albany, GA	Dougherty, GA	warm	Jefferson, FL	17
Albany, GA	Dougherty, GA	warm	Lafayette, FL	6
Albany, GA	Dougherty, GA	warm	Lanier, GA	27
Albany, GA	Dougherty, GA	warm	Laurens, GA	27
Albany, GA	Dougherty, GA	warm	Lee, AL	22

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Albany, GA	Dougherty, GA	warm	Lee, GA	94
Albany, GA	Dougherty, GA	warm	Leon, FL	21
Albany, GA	Dougherty, GA	warm	Liberty, FL	18
Albany, GA	Dougherty, GA	warm	Lowndes, GA	23
Albany, GA	Dougherty, GA	warm	Macon, AL	23
Albany, GA	Dougherty, GA	warm	Macon, GA	46
Albany, GA	Dougherty, GA	warm	Madison, FL	13
Albany, GA	Dougherty, GA	warm	Marion, GA	42
Albany, GA	Dougherty, GA	warm	Meriwether, GA	19
Albany, GA	Dougherty, GA	warm	Miller, GA	63
Albany, GA	Dougherty, GA	warm	Mitchell, GA	79
Albany, GA	Dougherty, GA	warm	Monroe, GA	21
Albany, GA	Dougherty, GA	warm	Montgomery, AL	19
Albany, GA	Dougherty, GA	warm	Muscogee, GA	29
Albany, GA	Dougherty, GA	warm	Peach, GA	33
Albany, GA	Dougherty, GA	warm	Pike, AL	24
Albany, GA	Dougherty, GA	warm	Pulaski, GA	46
Albany, GA	Dougherty, GA	warm	Quitman, GA	58
Albany, GA	Dougherty, GA	warm	Randolph, GA	77
Albany, GA	Dougherty, GA	warm	Russell, AL	32
Albany, GA	Dougherty, GA	warm	Schley, GA	51
Albany, GA	Dougherty, GA	warm	Seminole, GA	43
Albany, GA	Dougherty, GA	warm	Stewart, GA	53
Albany, GA	Dougherty, GA	warm	Sumter, GA	73
Albany, GA	Dougherty, GA	warm	Suwannee, FL	7
Albany, GA	Dougherty, GA	warm	Talbot, GA	27
Albany, GA	Dougherty, GA	warm	Taylor, FL	8
Albany, GA	Dougherty, GA	warm	Taylor, GA	34
Albany, GA	Dougherty, GA	warm	Telfair, GA	38
Albany, GA	Dougherty, GA	warm	Terrell, GA	91
Albany, GA	Dougherty, GA	warm	Thomas, GA	40
Albany, GA	Dougherty, GA	warm	Tift, GA	70
Albany, GA	Dougherty, GA	warm	Turner, GA	80
Albany, GA	Dougherty, GA	warm	Twiggs, GA	28
Albany, GA	Dougherty, GA	warm	Upson, GA	23
Albany, GA	Dougherty, GA	warm	Wakulla, FL	14
Albany, GA	Dougherty, GA	warm	Walton, FL	17
Albany, GA	Dougherty, GA	warm	Ware, GA	17
Albany, GA	Dougherty, GA	warm	Washington, FL	21
Albany, GA	Dougherty, GA	warm	Webster, GA	66
Albany, GA	Dougherty, GA	warm	Wheeler, GA	28
Albany, GA	Dougherty, GA	warm	Wilcox, GA	58
Albany, GA	Dougherty, GA	warm	Worth, GA	89
Allentown, PA	Northampton, PA	cold	Adams, PA	16
Allentown, PA	Northampton, PA	cold	Albany, NY	7
Allentown, PA	Northampton, PA	cold	Atlantic, NJ	19
Allentown, PA	Northampton, PA	cold	Baltimore, MD	26
Allentown, PA	Northampton, PA	cold	Bergen, NJ	12
Allentown, PA	Northampton, PA	cold	Berks, PA	81

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Allentown, PA	Northampton, PA	cold	Berkshire, MA	5
Allentown, PA	Northampton, PA	cold	Bradford, PA	5
Allentown, PA	Northampton, PA	cold	Bronx, NY	9
Allentown, PA	Northampton, PA	cold	Broome, NY	1
Allentown, PA	Northampton, PA	cold	Bucks, PA	74
Allentown, PA	Northampton, PA	cold	Burlington, NJ	26
Allentown, PA	Northampton, PA	cold	Camden, NJ	35
Allentown, PA	Northampton, PA	cold	Cape May, NJ	17
Allentown, PA	Northampton, PA	cold	Carbon, PA	70
Allentown, PA	Northampton, PA	cold	Carroll, MD	21
Allentown, PA	Northampton, PA	cold	Cayuga, NY	0
Allentown, PA	Northampton, PA	cold	Cecil, MD	35
Allentown, PA	Northampton, PA	cold	Centre, PA	17
Allentown, PA	Northampton, PA	cold	Chemung, NY	1
Allentown, PA	Northampton, PA	cold	Chenango, NY	1
Allentown, PA	Northampton, PA	cold	Chester, PA	57
Allentown, PA	Northampton, PA	cold	Clinton, PA	17
Allentown, PA	Northampton, PA	cold	Columbia, NY	8
Allentown, PA	Northampton, PA	cold	Columbia, PA	45
Allentown, PA	Northampton, PA	cold	Cortland, NY	0
Allentown, PA	Northampton, PA	cold	Cumberland, NJ	27
Allentown, PA	Northampton, PA	cold	Cumberland, PA	17
Allentown, PA	Northampton, PA	cold	Dauphin, PA	37
Allentown, PA	Northampton, PA	cold	Delaware, NY	4
Allentown, PA	Northampton, PA	cold	Delaware, PA	54
Allentown, PA	Northampton, PA	cold	Dutchess, NY	9
Allentown, PA	Northampton, PA	cold	Essex, NJ	18
Allentown, PA	Northampton, PA	cold	Fairfield, CT	5
Allentown, PA	Northampton, PA	cold	Franklin, PA	9
Allentown, PA	Northampton, PA	cold	Gloucester, NJ	39
Allentown, PA	Northampton, PA	cold	Greene, NY	9
Allentown, PA	Northampton, PA	cold	Harford, MD	30
Allentown, PA	Northampton, PA	cold	Herkimer, NY	1
Allentown, PA	Northampton, PA	cold	Hudson, NJ	14
Allentown, PA	Northampton, PA	cold	Hunterdon, NJ	71
Allentown, PA	Northampton, PA	cold	Huntingdon, PA	10
Allentown, PA	Northampton, PA	cold	Juniata, PA	22
Allentown, PA	Northampton, PA	cold	Kent, DE	24
Allentown, PA	Northampton, PA	cold	Kent, MD	26
Allentown, PA	Northampton, PA	cold	Lackawanna, PA	15
Allentown, PA	Northampton, PA	cold	Lancaster, PA	46
Allentown, PA	Northampton, PA	cold	Lebanon, PA	50
Allentown, PA	Northampton, PA	cold	Lehigh, PA	100
Allentown, PA	Northampton, PA	cold	Litchfield, CT	6
Allentown, PA	Northampton, PA	cold	Luzerne, PA	38
Allentown, PA	Northampton, PA	cold	Lycoming, PA	21
Allentown, PA	Northampton, PA	cold	Madison, NY	1
Allentown, PA	Northampton, PA	cold	Mercer, NJ	43
Allentown, PA	Northampton, PA	cold	Middlesex, NJ	29

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Allentown, PA	Northampton, PA	cold	Mifflin, PA	18
Allentown, PA	Northampton, PA	cold	Monmouth, NJ	16
Allentown, PA	Northampton, PA	cold	Monroe, PA	46
Allentown, PA	Northampton, PA	cold	Montgomery, NY	3
Allentown, PA	Northampton, PA	cold	Montgomery, PA	76
Allentown, PA	Northampton, PA	cold	Montour, PA	44
Allentown, PA	Northampton, PA	cold	Morris, NJ	30
Allentown, PA	Northampton, PA	cold	New Castle, DE	38
Allentown, PA	Northampton, PA	cold	New York, NY	11
Allentown, PA	Northampton, PA	cold	Northampton, PA	88
Allentown, PA	Northampton, PA	cold	Northumberland, PA	46
Allentown, PA	Northampton, PA	cold	Ocean, NJ	13
Allentown, PA	Northampton, PA	cold	Oneida, NY	0
Allentown, PA	Northampton, PA	cold	Onondaga, NY	0
Allentown, PA	Northampton, PA	cold	Orange, NY	10
Allentown, PA	Northampton, PA	cold	Otsego, NY	3
Allentown, PA	Northampton, PA	cold	Passaic, NJ	14
Allentown, PA	Northampton, PA	cold	Perry, PA	22
Allentown, PA	Northampton, PA	cold	Philadelphia, PA	51
Allentown, PA	Northampton, PA	cold	Pike, PA	14
Allentown, PA	Northampton, PA	cold	Potter, PA	4
Allentown, PA	Northampton, PA	cold	Putnam, NY	9
Allentown, PA	Northampton, PA	cold	Rensselaer, NY	4
Allentown, PA	Northampton, PA	cold	Rockland, NY	10
Allentown, PA	Northampton, PA	cold	Salem, NJ	37
Allentown, PA	Northampton, PA	cold	Schenectady, NY	4
Allentown, PA	Northampton, PA	cold	Schoharie, NY	7
Allentown, PA	Northampton, PA	cold	Schuylkill, PA	67
Allentown, PA	Northampton, PA	cold	Snyder, PA	35
Allentown, PA	Northampton, PA	cold	Somerset, NJ	45
Allentown, PA	Northampton, PA	cold	Sullivan, NY	5
Allentown, PA	Northampton, PA	cold	Sullivan, PA	18
Allentown, PA	Northampton, PA	cold	Susquehanna, PA	3
Allentown, PA	Northampton, PA	cold	Sussex, NJ	20
Allentown, PA	Northampton, PA	cold	Tioga, NY	1
Allentown, PA	Northampton, PA	cold	Tioga, PA	5
Allentown, PA	Northampton, PA	cold	Tompkins, NY	0
Allentown, PA	Northampton, PA	cold	Ulster, NY	8
Allentown, PA	Northampton, PA	cold	Union, NJ	23
Allentown, PA	Northampton, PA	cold	Union, PA	36
Allentown, PA	Northampton, PA	cold	Warren, NJ	57
Allentown, PA	Northampton, PA	cold	Wayne, PA	6
Allentown, PA	Northampton, PA	cold	Westchester, NY	8
Allentown, PA	Northampton, PA	cold	Wyoming, PA	13
Allentown, PA	Northampton, PA	cold	York, PA	27
Allentown, PA	Northampton, PA	warm	Adams, PA	43
Allentown, PA	Northampton, PA	warm	Albany, NY	0
Allentown, PA	Northampton, PA	warm	Atlantic, NJ	21
Allentown, PA	Northampton, PA	warm	Baltimore, MD	49

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Allentown, PA	Northampton, PA	warm	Bergen, NJ	6
Allentown, PA	Northampton, PA	warm	Berks, PA	100
Allentown, PA	Northampton, PA	warm	Berkshire, MA	0
Allentown, PA	Northampton, PA	warm	Bradford, PA	10
Allentown, PA	Northampton, PA	warm	Bronx, NY	4
Allentown, PA	Northampton, PA	warm	Broome, NY	4
Allentown, PA	Northampton, PA	warm	Bucks, PA	75
Allentown, PA	Northampton, PA	warm	Burlington, NJ	30
Allentown, PA	Northampton, PA	warm	Camden, NJ	39
Allentown, PA	Northampton, PA	warm	Cape May, NJ	22
Allentown, PA	Northampton, PA	warm	Carbon, PA	68
Allentown, PA	Northampton, PA	warm	Carroll, MD	43
Allentown, PA	Northampton, PA	warm	Cayuga, NY	5
Allentown, PA	Northampton, PA	warm	Cecil, MD	59
Allentown, PA	Northampton, PA	warm	Centre, PA	15
Allentown, PA	Northampton, PA	warm	Chemung, NY	10
Allentown, PA	Northampton, PA	warm	Chenango, NY	2
Allentown, PA	Northampton, PA	warm	Chester, PA	82
Allentown, PA	Northampton, PA	warm	Clinton, PA	11
Allentown, PA	Northampton, PA	warm	Columbia, NY	0
Allentown, PA	Northampton, PA	warm	Columbia, PA	38
Allentown, PA	Northampton, PA	warm	Cortland, NY	4
Allentown, PA	Northampton, PA	warm	Cumberland, NJ	32
Allentown, PA	Northampton, PA	warm	Cumberland, PA	43
Allentown, PA	Northampton, PA	warm	Dauphin, PA	60
Allentown, PA	Northampton, PA	warm	Delaware, NY	1
Allentown, PA	Northampton, PA	warm	Delaware, PA	68
Allentown, PA	Northampton, PA	warm	Dutchess, NY	0
Allentown, PA	Northampton, PA	warm	Essex, NJ	14
Allentown, PA	Northampton, PA	warm	Fairfield, CT	0
Allentown, PA	Northampton, PA	warm	Franklin, PA	28
Allentown, PA	Northampton, PA	warm	Gloucester, NJ	45
Allentown, PA	Northampton, PA	warm	Greene, NY	0
Allentown, PA	Northampton, PA	warm	Harford, MD	58
Allentown, PA	Northampton, PA	warm	Herkimer, NY	0
Allentown, PA	Northampton, PA	warm	Hudson, NJ	10
Allentown, PA	Northampton, PA	warm	Hunterdon, NJ	63
Allentown, PA	Northampton, PA	warm	Huntingdon, PA	21
Allentown, PA	Northampton, PA	warm	Juniata, PA	32
Allentown, PA	Northampton, PA	warm	Kent, DE	37
Allentown, PA	Northampton, PA	warm	Kent, MD	47
Allentown, PA	Northampton, PA	warm	Lackawanna, PA	17
Allentown, PA	Northampton, PA	warm	Lancaster, PA	81
Allentown, PA	Northampton, PA	warm	Lebanon, PA	79
Allentown, PA	Northampton, PA	warm	Lehigh, PA	98
Allentown, PA	Northampton, PA	warm	Litchfield, CT	0
Allentown, PA	Northampton, PA	warm	Luzerne, PA	36
Allentown, PA	Northampton, PA	warm	Lycoming, PA	14
Allentown, PA	Northampton, PA	warm	Madison, NY	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Allentown, PA	Northampton, PA	warm	Mercer, NJ	45
Allentown, PA	Northampton, PA	warm	Middlesex, NJ	28
Allentown, PA	Northampton, PA	warm	Mifflin, PA	25
Allentown, PA	Northampton, PA	warm	Monmouth, NJ	18
Allentown, PA	Northampton, PA	warm	Monroe, PA	45
Allentown, PA	Northampton, PA	warm	Montgomery, NY	0
Allentown, PA	Northampton, PA	warm	Montgomery, PA	88
Allentown, PA	Northampton, PA	warm	Montour, PA	34
Allentown, PA	Northampton, PA	warm	Morris, NJ	25
Allentown, PA	Northampton, PA	warm	New Castle, DE	55
Allentown, PA	Northampton, PA	warm	New York, NY	7
Allentown, PA	Northampton, PA	warm	Northampton, PA	78
Allentown, PA	Northampton, PA	warm	Northumberland, PA	43
Allentown, PA	Northampton, PA	warm	Ocean, NJ	16
Allentown, PA	Northampton, PA	warm	Oneida, NY	0
Allentown, PA	Northampton, PA	warm	Onondaga, NY	2
Allentown, PA	Northampton, PA	warm	Orange, NY	3
Allentown, PA	Northampton, PA	warm	Otsego, NY	0
Allentown, PA	Northampton, PA	warm	Passaic, NJ	9
Allentown, PA	Northampton, PA	warm	Perry, PA	40
Allentown, PA	Northampton, PA	warm	Philadelphia, PA	60
Allentown, PA	Northampton, PA	warm	Pike, PA	15
Allentown, PA	Northampton, PA	warm	Potter, PA	6
Allentown, PA	Northampton, PA	warm	Putnam, NY	0
Allentown, PA	Northampton, PA	warm	Rensselaer, NY	0
Allentown, PA	Northampton, PA	warm	Rockland, NY	3
Allentown, PA	Northampton, PA	warm	Salem, NJ	45
Allentown, PA	Northampton, PA	warm	Schenectady, NY	0
Allentown, PA	Northampton, PA	warm	Schoharie, NY	0
Allentown, PA	Northampton, PA	warm	Schuylkill, PA	75
Allentown, PA	Northampton, PA	warm	Snyder, PA	34
Allentown, PA	Northampton, PA	warm	Somerset, NJ	40
Allentown, PA	Northampton, PA	warm	Sullivan, NY	2
Allentown, PA	Northampton, PA	warm	Sullivan, PA	15
Allentown, PA	Northampton, PA	warm	Susquehanna, PA	7
Allentown, PA	Northampton, PA	warm	Sussex, NJ	17
Allentown, PA	Northampton, PA	warm	Tioga, NY	8
Allentown, PA	Northampton, PA	warm	Tioga, PA	9
Allentown, PA	Northampton, PA	warm	Tompkins, NY	8
Allentown, PA	Northampton, PA	warm	Ulster, NY	0
Allentown, PA	Northampton, PA	warm	Union, NJ	20
Allentown, PA	Northampton, PA	warm	Union, PA	26
Allentown, PA	Northampton, PA	warm	Warren, NJ	50
Allentown, PA	Northampton, PA	warm	Wayne, PA	7
Allentown, PA	Northampton, PA	warm	Westchester, NY	1
Allentown, PA	Northampton, PA	warm	Wyoming, PA	14
Allentown, PA	Northampton, PA	warm	York, PA	62
Atlanta, GA	Clayton, GA	cold	Baldwin, GA	13
Atlanta, GA	Clayton, GA	cold	Banks, GA	23

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Atlanta, GA	Clayton, GA	cold	Barrow, GA	36
Atlanta, GA	Clayton, GA	cold	Bartow, GA	60
Atlanta, GA	Clayton, GA	cold	Bibb, GA	21
Atlanta, GA	Clayton, GA	cold	Bradley, TN	7
Atlanta, GA	Clayton, GA	cold	Butts, GA	50
Atlanta, GA	Clayton, GA	cold	Calhoun, AL	58
Atlanta, GA	Clayton, GA	cold	Carroll, GA	77
Atlanta, GA	Clayton, GA	cold	Catoosa, GA	9
Atlanta, GA	Clayton, GA	cold	Chambers, AL	19
Atlanta, GA	Clayton, GA	cold	Chattahoochee, GA	16
Atlanta, GA	Clayton, GA	cold	Chattooga, GA	24
Atlanta, GA	Clayton, GA	cold	Cherokee, AL	42
Atlanta, GA	Clayton, GA	cold	Cherokee, GA	49
Atlanta, GA	Clayton, GA	cold	Cherokee, NC	3
Atlanta, GA	Clayton, GA	cold	Clarke, GA	27
Atlanta, GA	Clayton, GA	cold	Clay, AL	24
Atlanta, GA	Clayton, GA	cold	Clayton, GA	92
Atlanta, GA	Clayton, GA	cold	Cleburne, AL	64
Atlanta, GA	Clayton, GA	cold	Cobb, GA	98
Atlanta, GA	Clayton, GA	cold	Coosa, AL	8
Atlanta, GA	Clayton, GA	cold	Coweta, GA	66
Atlanta, GA	Clayton, GA	cold	Crawford, GA	24
Atlanta, GA	Clayton, GA	cold	Dade, GA	6
Atlanta, GA	Clayton, GA	cold	Dawson, GA	21
Atlanta, GA	Clayton, GA	cold	DeKalb, AL	15
Atlanta, GA	Clayton, GA	cold	DeKalb, GA	89
Atlanta, GA	Clayton, GA	cold	Douglas, GA	100
Atlanta, GA	Clayton, GA	cold	Elbert, GA	21
Atlanta, GA	Clayton, GA	cold	Elmore, AL	5
Atlanta, GA	Clayton, GA	cold	Etowah, AL	37
Atlanta, GA	Clayton, GA	cold	Fannin, GA	9
Atlanta, GA	Clayton, GA	cold	Fayette, GA	78
Atlanta, GA	Clayton, GA	cold	Floyd, GA	50
Atlanta, GA	Clayton, GA	cold	Forsyth, GA	37
Atlanta, GA	Clayton, GA	cold	Franklin, GA	23
Atlanta, GA	Clayton, GA	cold	Fulton, GA	90
Atlanta, GA	Clayton, GA	cold	Gilmer, GA	15
Atlanta, GA	Clayton, GA	cold	Gordon, GA	29
Atlanta, GA	Clayton, GA	cold	Greene, GA	19
Atlanta, GA	Clayton, GA	cold	Gwinnett, GA	58
Atlanta, GA	Clayton, GA	cold	Habersham, GA	13
Atlanta, GA	Clayton, GA	cold	Hall, GA	25
Atlanta, GA	Clayton, GA	cold	Hamilton, TN	5
Atlanta, GA	Clayton, GA	cold	Hancock, GA	10
Atlanta, GA	Clayton, GA	cold	Haralson, GA	82
Atlanta, GA	Clayton, GA	cold	Harris, GA	24
Atlanta, GA	Clayton, GA	cold	Hart, GA	23
Atlanta, GA	Clayton, GA	cold	Heard, GA	50
Atlanta, GA	Clayton, GA	cold	Henry, GA	71

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Atlanta, GA	Clayton, GA	cold	Houston, GA	16
Atlanta, GA	Clayton, GA	cold	Jackson, GA	29
Atlanta, GA	Clayton, GA	cold	Jasper, GA	36
Atlanta, GA	Clayton, GA	cold	Jones, GA	22
Atlanta, GA	Clayton, GA	cold	Lamar, GA	44
Atlanta, GA	Clayton, GA	cold	Lee, AL	13
Atlanta, GA	Clayton, GA	cold	Lumpkin, GA	14
Atlanta, GA	Clayton, GA	cold	Macon, AL	7
Atlanta, GA	Clayton, GA	cold	Macon, GA	15
Atlanta, GA	Clayton, GA	cold	Madison, GA	25
Atlanta, GA	Clayton, GA	cold	Marion, GA	18
Atlanta, GA	Clayton, GA	cold	Meriwether, GA	41
Atlanta, GA	Clayton, GA	cold	Monroe, GA	34
Atlanta, GA	Clayton, GA	cold	Morgan, GA	31
Atlanta, GA	Clayton, GA	cold	Murray, GA	14
Atlanta, GA	Clayton, GA	cold	Muscogee, GA	19
Atlanta, GA	Clayton, GA	cold	Newton, GA	52
Atlanta, GA	Clayton, GA	cold	Oconee, GA	29
Atlanta, GA	Clayton, GA	cold	Oconee, SC	12
Atlanta, GA	Clayton, GA	cold	Oglethorpe, GA	21
Atlanta, GA	Clayton, GA	cold	Paulding, GA	96
Atlanta, GA	Clayton, GA	cold	Peach, GA	19
Atlanta, GA	Clayton, GA	cold	Pickens, GA	26
Atlanta, GA	Clayton, GA	cold	Pike, GA	46
Atlanta, GA	Clayton, GA	cold	Polk, GA	78
Atlanta, GA	Clayton, GA	cold	Polk, TN	6
Atlanta, GA	Clayton, GA	cold	Putnam, GA	21
Atlanta, GA	Clayton, GA	cold	Rabun, GA	6
Atlanta, GA	Clayton, GA	cold	Randolph, AL	38
Atlanta, GA	Clayton, GA	cold	Rockdale, GA	71
Atlanta, GA	Clayton, GA	cold	Russell, AL	10
Atlanta, GA	Clayton, GA	cold	Schley, GA	16
Atlanta, GA	Clayton, GA	cold	Shelby, AL	24
Atlanta, GA	Clayton, GA	cold	Spalding, GA	59
Atlanta, GA	Clayton, GA	cold	St. Clair, AL	44
Atlanta, GA	Clayton, GA	cold	Stephens, GA	18
Atlanta, GA	Clayton, GA	cold	Stewart, GA	9
Atlanta, GA	Clayton, GA	cold	Sumter, GA	11
Atlanta, GA	Clayton, GA	cold	Talbot, GA	26
Atlanta, GA	Clayton, GA	cold	Taliaferro, GA	12
Atlanta, GA	Clayton, GA	cold	Talladega, AL	32
Atlanta, GA	Clayton, GA	cold	Tallapoosa, AL	10
Atlanta, GA	Clayton, GA	cold	Taylor, GA	21
Atlanta, GA	Clayton, GA	cold	Towns, GA	4
Atlanta, GA	Clayton, GA	cold	Troup, GA	34
Atlanta, GA	Clayton, GA	cold	Twiggs, GA	15
Atlanta, GA	Clayton, GA	cold	Union, GA	6
Atlanta, GA	Clayton, GA	cold	Upson, GA	33
Atlanta, GA	Clayton, GA	cold	Walker, GA	12

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Atlanta, GA	Clayton, GA	cold	Walton, GA	43
Atlanta, GA	Clayton, GA	cold	Webster, GA	11
Atlanta, GA	Clayton, GA	cold	White, GA	11
Atlanta, GA	Clayton, GA	cold	Whitfield, GA	13
Atlanta, GA	Clayton, GA	cold	Wilkinson, GA	11
Atlanta, GA	Clayton, GA	warm	Baldwin, GA	8
Atlanta, GA	Clayton, GA	warm	Banks, GA	29
Atlanta, GA	Clayton, GA	warm	Barrow, GA	53
Atlanta, GA	Clayton, GA	warm	Bartow, GA	61
Atlanta, GA	Clayton, GA	warm	Bibb, GA	3
Atlanta, GA	Clayton, GA	warm	Bradley, TN	17
Atlanta, GA	Clayton, GA	warm	Butts, GA	21
Atlanta, GA	Clayton, GA	warm	Calhoun, AL	27
Atlanta, GA	Clayton, GA	warm	Carroll, GA	52
Atlanta, GA	Clayton, GA	warm	Catoosa, GA	18
Atlanta, GA	Clayton, GA	warm	Chambers, AL	9
Atlanta, GA	Clayton, GA	warm	Chattahoochee, GA	0
Atlanta, GA	Clayton, GA	warm	Chattooga, GA	23
Atlanta, GA	Clayton, GA	warm	Cherokee, AL	28
Atlanta, GA	Clayton, GA	warm	Cherokee, GA	63
Atlanta, GA	Clayton, GA	warm	Cherokee, NC	13
Atlanta, GA	Clayton, GA	warm	Clarke, GA	39
Atlanta, GA	Clayton, GA	warm	Clay, AL	15
Atlanta, GA	Clayton, GA	warm	Clayton, GA	72
Atlanta, GA	Clayton, GA	warm	Cleburne, AL	34
Atlanta, GA	Clayton, GA	warm	Cobb, GA	100
Atlanta, GA	Clayton, GA	warm	Coosa, AL	7
Atlanta, GA	Clayton, GA	warm	Coweta, GA	37
Atlanta, GA	Clayton, GA	warm	Crawford, GA	1
Atlanta, GA	Clayton, GA	warm	Dade, GA	11
Atlanta, GA	Clayton, GA	warm	Dawson, GA	35
Atlanta, GA	Clayton, GA	warm	DeKalb, AL	14
Atlanta, GA	Clayton, GA	warm	DeKalb, GA	91
Atlanta, GA	Clayton, GA	warm	Douglas, GA	84
Atlanta, GA	Clayton, GA	warm	Elbert, GA	25
Atlanta, GA	Clayton, GA	warm	Elmore, AL	4
Atlanta, GA	Clayton, GA	warm	Etowah, AL	21
Atlanta, GA	Clayton, GA	warm	Fannin, GA	19
Atlanta, GA	Clayton, GA	warm	Fayette, GA	49
Atlanta, GA	Clayton, GA	warm	Floyd, GA	41
Atlanta, GA	Clayton, GA	warm	Forsyth, GA	54
Atlanta, GA	Clayton, GA	warm	Franklin, GA	24
Atlanta, GA	Clayton, GA	warm	Fulton, GA	86
Atlanta, GA	Clayton, GA	warm	Gilmer, GA	26
Atlanta, GA	Clayton, GA	warm	Gordon, GA	35
Atlanta, GA	Clayton, GA	warm	Greene, GA	28
Atlanta, GA	Clayton, GA	warm	Gwinnett, GA	74
Atlanta, GA	Clayton, GA	warm	Habersham, GA	20
Atlanta, GA	Clayton, GA	warm	Hall, GA	39

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Atlanta, GA	Clayton, GA	warm	Hamilton, TN	13
Atlanta, GA	Clayton, GA	warm	Hancock, GA	13
Atlanta, GA	Clayton, GA	warm	Haralson, GA	57
Atlanta, GA	Clayton, GA	warm	Harris, GA	3
Atlanta, GA	Clayton, GA	warm	Hart, GA	23
Atlanta, GA	Clayton, GA	warm	Heard, GA	27
Atlanta, GA	Clayton, GA	warm	Henry, GA	46
Atlanta, GA	Clayton, GA	warm	Houston, GA	2
Atlanta, GA	Clayton, GA	warm	Jackson, GA	41
Atlanta, GA	Clayton, GA	warm	Jasper, GA	22
Atlanta, GA	Clayton, GA	warm	Jones, GA	7
Atlanta, GA	Clayton, GA	warm	Lamar, GA	8
Atlanta, GA	Clayton, GA	warm	Lee, AL	3
Atlanta, GA	Clayton, GA	warm	Lumpkin, GA	26
Atlanta, GA	Clayton, GA	warm	Macon, AL	2
Atlanta, GA	Clayton, GA	warm	Macon, GA	1
Atlanta, GA	Clayton, GA	warm	Madison, GA	31
Atlanta, GA	Clayton, GA	warm	Marion, GA	0
Atlanta, GA	Clayton, GA	warm	Meriwether, GA	11
Atlanta, GA	Clayton, GA	warm	Monroe, GA	5
Atlanta, GA	Clayton, GA	warm	Morgan, GA	38
Atlanta, GA	Clayton, GA	warm	Murray, GA	24
Atlanta, GA	Clayton, GA	warm	Muscogee, GA	1
Atlanta, GA	Clayton, GA	warm	Newton, GA	49
Atlanta, GA	Clayton, GA	warm	Oconee, GA	43
Atlanta, GA	Clayton, GA	warm	Oconee, SC	15
Atlanta, GA	Clayton, GA	warm	Oglethorpe, GA	31
Atlanta, GA	Clayton, GA	warm	Paulding, GA	87
Atlanta, GA	Clayton, GA	warm	Peach, GA	1
Atlanta, GA	Clayton, GA	warm	Pickens, GA	38
Atlanta, GA	Clayton, GA	warm	Pike, GA	10
Atlanta, GA	Clayton, GA	warm	Polk, GA	59
Atlanta, GA	Clayton, GA	warm	Polk, TN	17
Atlanta, GA	Clayton, GA	warm	Putnam, GA	19
Atlanta, GA	Clayton, GA	warm	Rabun, GA	13
Atlanta, GA	Clayton, GA	warm	Randolph, AL	22
Atlanta, GA	Clayton, GA	warm	Rockdale, GA	68
Atlanta, GA	Clayton, GA	warm	Russell, AL	0
Atlanta, GA	Clayton, GA	warm	Schley, GA	0
Atlanta, GA	Clayton, GA	warm	Shelby, AL	8
Atlanta, GA	Clayton, GA	warm	Spalding, GA	22
Atlanta, GA	Clayton, GA	warm	St. Clair, AL	15
Atlanta, GA	Clayton, GA	warm	Stephens, GA	20
Atlanta, GA	Clayton, GA	warm	Stewart, GA	0
Atlanta, GA	Clayton, GA	warm	Sumter, GA	1
Atlanta, GA	Clayton, GA	warm	Talbot, GA	1
Atlanta, GA	Clayton, GA	warm	Taliaferro, GA	20
Atlanta, GA	Clayton, GA	warm	Talladega, AL	14
Atlanta, GA	Clayton, GA	warm	Tallapoosa, AL	8

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Atlanta, GA	Clayton, GA	warm	Taylor, GA	1
Atlanta, GA	Clayton, GA	warm	Towns, GA	13
Atlanta, GA	Clayton, GA	warm	Troup, GA	13
Atlanta, GA	Clayton, GA	warm	Twiggs, GA	3
Atlanta, GA	Clayton, GA	warm	Union, GA	16
Atlanta, GA	Clayton, GA	warm	Upson, GA	3
Atlanta, GA	Clayton, GA	warm	Walker, GA	17
Atlanta, GA	Clayton, GA	warm	Walton, GA	57
Atlanta, GA	Clayton, GA	warm	Webster, GA	0
Atlanta, GA	Clayton, GA	warm	White, GA	21
Atlanta, GA	Clayton, GA	warm	Whitfield, GA	22
Atlanta, GA	Clayton, GA	warm	Wilkinson, GA	4
Baltimore, MD	Baltimore (City), MD	cold	Adams, PA	15
Baltimore, MD	Baltimore (City), MD	cold	Alexandria (City), VA	46
Baltimore, MD	Baltimore (City), MD	cold	Allegany, MD	2
Baltimore, MD	Baltimore (City), MD	cold	Anne Arundel, MD	91
Baltimore, MD	Baltimore (City), MD	cold	Arlington, VA	48
Baltimore, MD	Baltimore (City), MD	cold	Baltimore (City), MD	100
Baltimore, MD	Baltimore (City), MD	cold	Baltimore, MD	78
Baltimore, MD	Baltimore (City), MD	cold	Berkeley, WV	8
Baltimore, MD	Baltimore (City), MD	cold	Berks, PA	6
Baltimore, MD	Baltimore (City), MD	cold	Calvert, MD	45
Baltimore, MD	Baltimore (City), MD	cold	Carbon, PA	2
Baltimore, MD	Baltimore (City), MD	cold	Caroline, VA	17
Baltimore, MD	Baltimore (City), MD	cold	Carroll, MD	40
Baltimore, MD	Baltimore (City), MD	cold	Cecil, MD	47
Baltimore, MD	Baltimore (City), MD	cold	Charles, MD	32
Baltimore, MD	Baltimore (City), MD	cold	Chester, PA	20
Baltimore, MD	Baltimore (City), MD	cold	Clarke, VA	10
Baltimore, MD	Baltimore (City), MD	cold	Columbia, PA	1
Baltimore, MD	Baltimore (City), MD	cold	Culpeper, VA	9
Baltimore, MD	Baltimore (City), MD	cold	Cumberland, PA	11
Baltimore, MD	Baltimore (City), MD	cold	Dauphin, PA	9
Baltimore, MD	Baltimore (City), MD	cold	Delaware, PA	16
Baltimore, MD	Baltimore (City), MD	cold	District of Columbia, DC	56
Baltimore, MD	Baltimore (City), MD	cold	Essex, VA	16
Baltimore, MD	Baltimore (City), MD	cold	Fairfax (City), VA	35
Baltimore, MD	Baltimore (City), MD	cold	Fairfax, VA	34
Baltimore, MD	Baltimore (City), MD	cold	Fauquier, VA	13
Baltimore, MD	Baltimore (City), MD	cold	Franklin, PA	8
Baltimore, MD	Baltimore (City), MD	cold	Frederick, MD	20
Baltimore, MD	Baltimore (City), MD	cold	Fulton, PA	5
Baltimore, MD	Baltimore (City), MD	cold	Gloucester, NJ	14
Baltimore, MD	Baltimore (City), MD	cold	Harford, MD	68
Baltimore, MD	Baltimore (City), MD	cold	Howard, MD	72
Baltimore, MD	Baltimore (City), MD	cold	Huntingdon, PA	8
Baltimore, MD	Baltimore (City), MD	cold	Jefferson, WV	11
Baltimore, MD	Baltimore (City), MD	cold	Juniata, PA	9
Baltimore, MD	Baltimore (City), MD	cold	Kent, DE	28

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Baltimore, MD	Baltimore (City), MD	cold	Kent, MD	70
Baltimore, MD	Baltimore (City), MD	cold	King George, VA	23
Baltimore, MD	Baltimore (City), MD	cold	Lancaster, PA	19
Baltimore, MD	Baltimore (City), MD	cold	Lebanon, PA	8
Baltimore, MD	Baltimore (City), MD	cold	Lehigh, PA	4
Baltimore, MD	Baltimore (City), MD	cold	Loudoun, VA	18
Baltimore, MD	Baltimore (City), MD	cold	Luzerne, PA	1
Baltimore, MD	Baltimore (City), MD	cold	Lycoming, PA	1
Baltimore, MD	Baltimore (City), MD	cold	Mifflin, PA	8
Baltimore, MD	Baltimore (City), MD	cold	Montgomery, MD	45
Baltimore, MD	Baltimore (City), MD	cold	Montgomery, PA	9
Baltimore, MD	Baltimore (City), MD	cold	Montour, PA	2
Baltimore, MD	Baltimore (City), MD	cold	Morgan, WV	5
Baltimore, MD	Baltimore (City), MD	cold	New Castle, DE	31
Baltimore, MD	Baltimore (City), MD	cold	Northumberland, PA	4
Baltimore, MD	Baltimore (City), MD	cold	Perry, PA	10
Baltimore, MD	Baltimore (City), MD	cold	Prince George's, MD	60
Baltimore, MD	Baltimore (City), MD	cold	Prince William, VA	23
Baltimore, MD	Baltimore (City), MD	cold	Queen Anne's, MD	64
Baltimore, MD	Baltimore (City), MD	cold	Salem, NJ	21
Baltimore, MD	Baltimore (City), MD	cold	Schuylkill, PA	4
Baltimore, MD	Baltimore (City), MD	cold	Snyder, PA	5
Baltimore, MD	Baltimore (City), MD	cold	Spotsylvania, VA	15
Baltimore, MD	Baltimore (City), MD	cold	St. Mary's, MD	28
Baltimore, MD	Baltimore (City), MD	cold	Stafford, VA	20
Baltimore, MD	Baltimore (City), MD	cold	Union, PA	3
Baltimore, MD	Baltimore (City), MD	cold	Washington, MD	9
Baltimore, MD	Baltimore (City), MD	cold	Westmoreland, VA	20
Baltimore, MD	Baltimore (City), MD	cold	York, PA	23
Baltimore, MD	Baltimore (City), MD	warm	Adams, PA	23
Baltimore, MD	Baltimore (City), MD	warm	Alexandria (City), VA	62
Baltimore, MD	Baltimore (City), MD	warm	Allegany, MD	7
Baltimore, MD	Baltimore (City), MD	warm	Anne Arundel, MD	94
Baltimore, MD	Baltimore (City), MD	warm	Arlington, VA	66
Baltimore, MD	Baltimore (City), MD	warm	Baltimore (City), MD	100
Baltimore, MD	Baltimore (City), MD	warm	Baltimore, MD	77
Baltimore, MD	Baltimore (City), MD	warm	Berkeley, WV	17
Baltimore, MD	Baltimore (City), MD	warm	Berks, PA	4
Baltimore, MD	Baltimore (City), MD	warm	Calvert, MD	48
Baltimore, MD	Baltimore (City), MD	warm	Carbon, PA	1
Baltimore, MD	Baltimore (City), MD	warm	Caroline, VA	23
Baltimore, MD	Baltimore (City), MD	warm	Carroll, MD	55
Baltimore, MD	Baltimore (City), MD	warm	Cecil, MD	23
Baltimore, MD	Baltimore (City), MD	warm	Charles, MD	43
Baltimore, MD	Baltimore (City), MD	warm	Chester, PA	8
Baltimore, MD	Baltimore (City), MD	warm	Clarke, VA	20
Baltimore, MD	Baltimore (City), MD	warm	Columbia, PA	3
Baltimore, MD	Baltimore (City), MD	warm	Culpeper, VA	15
Baltimore, MD	Baltimore (City), MD	warm	Cumberland, PA	14

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Baltimore, MD	Baltimore (City), MD	warm	Dauphin, PA	10
Baltimore, MD	Baltimore (City), MD	warm	Delaware, PA	5
Baltimore, MD	Baltimore (City), MD	warm	District of Columbia, DC	75
Baltimore, MD	Baltimore (City), MD	warm	Essex, VA	26
Baltimore, MD	Baltimore (City), MD	warm	Fairfax (City), VA	50
Baltimore, MD	Baltimore (City), MD	warm	Fairfax, VA	49
Baltimore, MD	Baltimore (City), MD	warm	Fauquier, VA	21
Baltimore, MD	Baltimore (City), MD	warm	Franklin, PA	15
Baltimore, MD	Baltimore (City), MD	warm	Frederick, MD	38
Baltimore, MD	Baltimore (City), MD	warm	Fulton, PA	11
Baltimore, MD	Baltimore (City), MD	warm	Gloucester, NJ	5
Baltimore, MD	Baltimore (City), MD	warm	Harford, MD	48
Baltimore, MD	Baltimore (City), MD	warm	Howard, MD	91
Baltimore, MD	Baltimore (City), MD	warm	Huntingdon, PA	9
Baltimore, MD	Baltimore (City), MD	warm	Jefferson, WV	23
Baltimore, MD	Baltimore (City), MD	warm	Juniata, PA	10
Baltimore, MD	Baltimore (City), MD	warm	Kent, DE	15
Baltimore, MD	Baltimore (City), MD	warm	Kent, MD	48
Baltimore, MD	Baltimore (City), MD	warm	King George, VA	32
Baltimore, MD	Baltimore (City), MD	warm	Lancaster, PA	12
Baltimore, MD	Baltimore (City), MD	warm	Lebanon, PA	8
Baltimore, MD	Baltimore (City), MD	warm	Lehigh, PA	2
Baltimore, MD	Baltimore (City), MD	warm	Loudoun, VA	32
Baltimore, MD	Baltimore (City), MD	warm	Luzerne, PA	1
Baltimore, MD	Baltimore (City), MD	warm	Lycoming, PA	4
Baltimore, MD	Baltimore (City), MD	warm	Mifflin, PA	9
Baltimore, MD	Baltimore (City), MD	warm	Montgomery, MD	67
Baltimore, MD	Baltimore (City), MD	warm	Montgomery, PA	3
Baltimore, MD	Baltimore (City), MD	warm	Montour, PA	4
Baltimore, MD	Baltimore (City), MD	warm	Morgan, WV	12
Baltimore, MD	Baltimore (City), MD	warm	New Castle, DE	12
Baltimore, MD	Baltimore (City), MD	warm	Northumberland, PA	6
Baltimore, MD	Baltimore (City), MD	warm	Perry, PA	11
Baltimore, MD	Baltimore (City), MD	warm	Prince George's, MD	74
Baltimore, MD	Baltimore (City), MD	warm	Prince William, VA	33
Baltimore, MD	Baltimore (City), MD	warm	Queen Anne's, MD	47
Baltimore, MD	Baltimore (City), MD	warm	Salem, NJ	8
Baltimore, MD	Baltimore (City), MD	warm	Schuylkill, PA	4
Baltimore, MD	Baltimore (City), MD	warm	Snyder, PA	8
Baltimore, MD	Baltimore (City), MD	warm	Spotsylvania, VA	19
Baltimore, MD	Baltimore (City), MD	warm	St. Mary's, MD	32
Baltimore, MD	Baltimore (City), MD	warm	Stafford, VA	28
Baltimore, MD	Baltimore (City), MD	warm	Union, PA	6
Baltimore, MD	Baltimore (City), MD	warm	Washington, MD	20
Baltimore, MD	Baltimore (City), MD	warm	Westmoreland, VA	29
Baltimore, MD	Baltimore (City), MD	warm	York, PA	23
Baltimore, MD	Baltimore, MD	cold	Adams, PA	17
Baltimore, MD	Baltimore, MD	cold	Alexandria (City), VA	51
Baltimore, MD	Baltimore, MD	cold	Allegany, MD	2

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Baltimore, MD	Baltimore, MD	cold	Anne Arundel, MD	93
Baltimore, MD	Baltimore, MD	cold	Arlington, VA	52
Baltimore, MD	Baltimore, MD	cold	Baltimore (City), MD	100
Baltimore, MD	Baltimore, MD	cold	Baltimore, MD	79
Baltimore, MD	Baltimore, MD	cold	Berkeley, WV	6
Baltimore, MD	Baltimore, MD	cold	Berks, PA	5
Baltimore, MD	Baltimore, MD	cold	Calvert, MD	52
Baltimore, MD	Baltimore, MD	cold	Carbon, PA	0
Baltimore, MD	Baltimore, MD	cold	Caroline, VA	21
Baltimore, MD	Baltimore, MD	cold	Carroll, MD	44
Baltimore, MD	Baltimore, MD	cold	Cecil, MD	44
Baltimore, MD	Baltimore, MD	cold	Charles, MD	39
Baltimore, MD	Baltimore, MD	cold	Chester, PA	15
Baltimore, MD	Baltimore, MD	cold	Clarke, VA	8
Baltimore, MD	Baltimore, MD	cold	Columbia, PA	1
Baltimore, MD	Baltimore, MD	cold	Culpeper, VA	10
Baltimore, MD	Baltimore, MD	cold	Cumberland, PA	12
Baltimore, MD	Baltimore, MD	cold	Dauphin, PA	9
Baltimore, MD	Baltimore, MD	cold	Delaware, PA	10
Baltimore, MD	Baltimore, MD	cold	District of Columbia, DC	60
Baltimore, MD	Baltimore, MD	cold	Essex, VA	21
Baltimore, MD	Baltimore, MD	cold	Fairfax (City), VA	38
Baltimore, MD	Baltimore, MD	cold	Fairfax, VA	38
Baltimore, MD	Baltimore, MD	cold	Fauquier, VA	13
Baltimore, MD	Baltimore, MD	cold	Franklin, PA	9
Baltimore, MD	Baltimore, MD	cold	Frederick, MD	23
Baltimore, MD	Baltimore, MD	cold	Fulton, PA	5
Baltimore, MD	Baltimore, MD	cold	Gloucester, NJ	10
Baltimore, MD	Baltimore, MD	cold	Harford, MD	66
Baltimore, MD	Baltimore, MD	cold	Howard, MD	74
Baltimore, MD	Baltimore, MD	cold	Huntingdon, PA	8
Baltimore, MD	Baltimore, MD	cold	Jefferson, WV	10
Baltimore, MD	Baltimore, MD	cold	Juniata, PA	9
Baltimore, MD	Baltimore, MD	cold	Kent, DE	29
Baltimore, MD	Baltimore, MD	cold	Kent, MD	70
Baltimore, MD	Baltimore, MD	cold	King George, VA	29
Baltimore, MD	Baltimore, MD	cold	Lancaster, PA	18
Baltimore, MD	Baltimore, MD	cold	Lebanon, PA	9
Baltimore, MD	Baltimore, MD	cold	Lehigh, PA	1
Baltimore, MD	Baltimore, MD	cold	Loudoun, VA	18
Baltimore, MD	Baltimore, MD	cold	Luzerne, PA	0
Baltimore, MD	Baltimore, MD	cold	Lycoming, PA	1
Baltimore, MD	Baltimore, MD	cold	Mifflin, PA	8
Baltimore, MD	Baltimore, MD	cold	Montgomery, MD	48
Baltimore, MD	Baltimore, MD	cold	Montgomery, PA	4
Baltimore, MD	Baltimore, MD	cold	Montour, PA	1
Baltimore, MD	Baltimore, MD	cold	Morgan, WV	4
Baltimore, MD	Baltimore, MD	cold	New Castle, DE	27
Baltimore, MD	Baltimore, MD	cold	Northumberland, PA	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Baltimore, MD	Baltimore, MD	cold	Perry, PA	10
Baltimore, MD	Baltimore, MD	cold	Prince George's, MD	65
Baltimore, MD	Baltimore, MD	cold	Prince William, VA	27
Baltimore, MD	Baltimore, MD	cold	Queen Anne's, MD	66
Baltimore, MD	Baltimore, MD	cold	Salem, NJ	17
Baltimore, MD	Baltimore, MD	cold	Schuylkill, PA	3
Baltimore, MD	Baltimore, MD	cold	Snyder, PA	5
Baltimore, MD	Baltimore, MD	cold	Spotsylvania, VA	19
Baltimore, MD	Baltimore, MD	cold	St. Mary's, MD	35
Baltimore, MD	Baltimore, MD	cold	Stafford, VA	25
Baltimore, MD	Baltimore, MD	cold	Union, PA	3
Baltimore, MD	Baltimore, MD	cold	Washington, MD	9
Baltimore, MD	Baltimore, MD	cold	Westmoreland, VA	27
Baltimore, MD	Baltimore, MD	cold	York, PA	25
Baltimore, MD	Baltimore, MD	warm	Adams, PA	21
Baltimore, MD	Baltimore, MD	warm	Alexandria (City), VA	67
Baltimore, MD	Baltimore, MD	warm	Allegany, MD	5
Baltimore, MD	Baltimore, MD	warm	Anne Arundel, MD	96
Baltimore, MD	Baltimore, MD	warm	Arlington, VA	70
Baltimore, MD	Baltimore, MD	warm	Baltimore (City), MD	100
Baltimore, MD	Baltimore, MD	warm	Baltimore, MD	76
Baltimore, MD	Baltimore, MD	warm	Berkeley, WV	13
Baltimore, MD	Baltimore, MD	warm	Berks, PA	3
Baltimore, MD	Baltimore, MD	warm	Calvert, MD	53
Baltimore, MD	Baltimore, MD	warm	Carbon, PA	1
Baltimore, MD	Baltimore, MD	warm	Caroline, VA	26
Baltimore, MD	Baltimore, MD	warm	Carroll, MD	55
Baltimore, MD	Baltimore, MD	warm	Cecil, MD	20
Baltimore, MD	Baltimore, MD	warm	Charles, MD	48
Baltimore, MD	Baltimore, MD	warm	Chester, PA	5
Baltimore, MD	Baltimore, MD	warm	Clarke, VA	18
Baltimore, MD	Baltimore, MD	warm	Columbia, PA	2
Baltimore, MD	Baltimore, MD	warm	Culpeper, VA	16
Baltimore, MD	Baltimore, MD	warm	Cumberland, PA	12
Baltimore, MD	Baltimore, MD	warm	Dauphin, PA	9
Baltimore, MD	Baltimore, MD	warm	Delaware, PA	2
Baltimore, MD	Baltimore, MD	warm	District of Columbia, DC	79
Baltimore, MD	Baltimore, MD	warm	Essex, VA	30
Baltimore, MD	Baltimore, MD	warm	Fairfax (City), VA	54
Baltimore, MD	Baltimore, MD	warm	Fairfax, VA	53
Baltimore, MD	Baltimore, MD	warm	Fauquier, VA	22
Baltimore, MD	Baltimore, MD	warm	Franklin, PA	11
Baltimore, MD	Baltimore, MD	warm	Frederick, MD	37
Baltimore, MD	Baltimore, MD	warm	Fulton, PA	7
Baltimore, MD	Baltimore, MD	warm	Gloucester, NJ	2
Baltimore, MD	Baltimore, MD	warm	Harford, MD	46
Baltimore, MD	Baltimore, MD	warm	Howard, MD	94
Baltimore, MD	Baltimore, MD	warm	Huntingdon, PA	7
Baltimore, MD	Baltimore, MD	warm	Jefferson, WV	20

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Baltimore, MD	Baltimore, MD	warm	Juniata, PA	9
Baltimore, MD	Baltimore, MD	warm	Kent, DE	12
Baltimore, MD	Baltimore, MD	warm	Kent, MD	45
Baltimore, MD	Baltimore, MD	warm	King George, VA	37
Baltimore, MD	Baltimore, MD	warm	Lancaster, PA	10
Baltimore, MD	Baltimore, MD	warm	Lebanon, PA	7
Baltimore, MD	Baltimore, MD	warm	Lehigh, PA	1
Baltimore, MD	Baltimore, MD	warm	Loudoun, VA	32
Baltimore, MD	Baltimore, MD	warm	Luzerne, PA	1
Baltimore, MD	Baltimore, MD	warm	Lycoming, PA	3
Baltimore, MD	Baltimore, MD	warm	Mifflin, PA	8
Baltimore, MD	Baltimore, MD	warm	Montgomery, MD	70
Baltimore, MD	Baltimore, MD	warm	Montgomery, PA	1
Baltimore, MD	Baltimore, MD	warm	Montour, PA	4
Baltimore, MD	Baltimore, MD	warm	Morgan, WV	8
Baltimore, MD	Baltimore, MD	warm	New Castle, DE	9
Baltimore, MD	Baltimore, MD	warm	Northumberland, PA	5
Baltimore, MD	Baltimore, MD	warm	Perry, PA	10
Baltimore, MD	Baltimore, MD	warm	Prince George's, MD	78
Baltimore, MD	Baltimore, MD	warm	Prince William, VA	37
Baltimore, MD	Baltimore, MD	warm	Queen Anne's, MD	46
Baltimore, MD	Baltimore, MD	warm	Salem, NJ	4
Baltimore, MD	Baltimore, MD	warm	Schuylkill, PA	3
Baltimore, MD	Baltimore, MD	warm	Snyder, PA	7
Baltimore, MD	Baltimore, MD	warm	Spotsylvania, VA	22
Baltimore, MD	Baltimore, MD	warm	St. Mary's, MD	38
Baltimore, MD	Baltimore, MD	warm	Stafford, VA	32
Baltimore, MD	Baltimore, MD	warm	Union, PA	6
Baltimore, MD	Baltimore, MD	warm	Washington, MD	16
Baltimore, MD	Baltimore, MD	warm	Westmoreland, VA	35
Baltimore, MD	Baltimore, MD	warm	York, PA	22
Birmingham, AL	Jefferson, AL	cold	Alcorn, MS	3
Birmingham, AL	Jefferson, AL	cold	Attala, MS	2
Birmingham, AL	Jefferson, AL	cold	Autauga, AL	30
Birmingham, AL	Jefferson, AL	cold	Baldwin, AL	5
Birmingham, AL	Jefferson, AL	cold	Bartow, GA	4
Birmingham, AL	Jefferson, AL	cold	Bedford, TN	4
Birmingham, AL	Jefferson, AL	cold	Bibb, AL	54
Birmingham, AL	Jefferson, AL	cold	Blount, AL	54
Birmingham, AL	Jefferson, AL	cold	Bullock, AL	20
Birmingham, AL	Jefferson, AL	cold	Butler, AL	13
Birmingham, AL	Jefferson, AL	cold	Calhoun, AL	10
Birmingham, AL	Jefferson, AL	cold	Calhoun, MS	3
Birmingham, AL	Jefferson, AL	cold	Carroll, GA	4
Birmingham, AL	Jefferson, AL	cold	Catoosa, GA	3
Birmingham, AL	Jefferson, AL	cold	Chambers, AL	15
Birmingham, AL	Jefferson, AL	cold	Chattooga, GA	4
Birmingham, AL	Jefferson, AL	cold	Cherokee, AL	4
Birmingham, AL	Jefferson, AL	cold	Chickasaw, MS	4

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Birmingham, AL	Jefferson, AL	cold	Chilton, AL	45
Birmingham, AL	Jefferson, AL	cold	Choctaw, AL	10
Birmingham, AL	Jefferson, AL	cold	Choctaw, MS	3
Birmingham, AL	Jefferson, AL	cold	Clarke, AL	9
Birmingham, AL	Jefferson, AL	cold	Clarke, MS	6
Birmingham, AL	Jefferson, AL	cold	Clay, AL	21
Birmingham, AL	Jefferson, AL	cold	Clay, MS	5
Birmingham, AL	Jefferson, AL	cold	Cleburne, AL	5
Birmingham, AL	Jefferson, AL	cold	Coffee, TN	2
Birmingham, AL	Jefferson, AL	cold	Colbert, AL	9
Birmingham, AL	Jefferson, AL	cold	Coosa, AL	38
Birmingham, AL	Jefferson, AL	cold	Coweta, GA	4
Birmingham, AL	Jefferson, AL	cold	Crenshaw, AL	12
Birmingham, AL	Jefferson, AL	cold	Cullman, AL	48
Birmingham, AL	Jefferson, AL	cold	Dade, GA	3
Birmingham, AL	Jefferson, AL	cold	Dallas, AL	26
Birmingham, AL	Jefferson, AL	cold	DeKalb, AL	5
Birmingham, AL	Jefferson, AL	cold	Douglas, GA	3
Birmingham, AL	Jefferson, AL	cold	Elmore, AL	28
Birmingham, AL	Jefferson, AL	cold	Etowah, AL	12
Birmingham, AL	Jefferson, AL	cold	Fayette, AL	24
Birmingham, AL	Jefferson, AL	cold	Floyd, GA	4
Birmingham, AL	Jefferson, AL	cold	Franklin, AL	9
Birmingham, AL	Jefferson, AL	cold	Franklin, TN	4
Birmingham, AL	Jefferson, AL	cold	Fulton, GA	4
Birmingham, AL	Jefferson, AL	cold	Giles, TN	8
Birmingham, AL	Jefferson, AL	cold	Gordon, GA	4
Birmingham, AL	Jefferson, AL	cold	Greene, AL	25
Birmingham, AL	Jefferson, AL	cold	Grundy, TN	2
Birmingham, AL	Jefferson, AL	cold	Hale, AL	34
Birmingham, AL	Jefferson, AL	cold	Hamilton, TN	2
Birmingham, AL	Jefferson, AL	cold	Haralson, GA	3
Birmingham, AL	Jefferson, AL	cold	Hardin, TN	4
Birmingham, AL	Jefferson, AL	cold	Harris, GA	9
Birmingham, AL	Jefferson, AL	cold	Heard, GA	6
Birmingham, AL	Jefferson, AL	cold	Itawamba, MS	4
Birmingham, AL	Jefferson, AL	cold	Jackson, AL	5
Birmingham, AL	Jefferson, AL	cold	Jasper, MS	4
Birmingham, AL	Jefferson, AL	cold	Jefferson, AL	100
Birmingham, AL	Jefferson, AL	cold	Kemper, MS	7
Birmingham, AL	Jefferson, AL	cold	Lamar, AL	12
Birmingham, AL	Jefferson, AL	cold	Lauderdale, AL	9
Birmingham, AL	Jefferson, AL	cold	Lauderdale, MS	7
Birmingham, AL	Jefferson, AL	cold	Lawrence, AL	20
Birmingham, AL	Jefferson, AL	cold	Lawrence, TN	6
Birmingham, AL	Jefferson, AL	cold	Leake, MS	3
Birmingham, AL	Jefferson, AL	cold	Lee, AL	17
Birmingham, AL	Jefferson, AL	cold	Lee, MS	3
Birmingham, AL	Jefferson, AL	cold	Limestone, AL	15

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Birmingham, AL	Jefferson, AL	cold	Lincoln, TN	7
Birmingham, AL	Jefferson, AL	cold	Lowndes, AL	20
Birmingham, AL	Jefferson, AL	cold	Lowndes, MS	10
Birmingham, AL	Jefferson, AL	cold	Macon, AL	23
Birmingham, AL	Jefferson, AL	cold	Madison, AL	11
Birmingham, AL	Jefferson, AL	cold	Marengo, AL	23
Birmingham, AL	Jefferson, AL	cold	Marion, AL	10
Birmingham, AL	Jefferson, AL	cold	Marion, TN	2
Birmingham, AL	Jefferson, AL	cold	Marshall, AL	14
Birmingham, AL	Jefferson, AL	cold	Marshall, TN	5
Birmingham, AL	Jefferson, AL	cold	Monroe, AL	11
Birmingham, AL	Jefferson, AL	cold	Monroe, MS	6
Birmingham, AL	Jefferson, AL	cold	Montgomery, AL	22
Birmingham, AL	Jefferson, AL	cold	Moore, TN	4
Birmingham, AL	Jefferson, AL	cold	Morgan, AL	25
Birmingham, AL	Jefferson, AL	cold	Muscogee, GA	9
Birmingham, AL	Jefferson, AL	cold	Neshoba, MS	4
Birmingham, AL	Jefferson, AL	cold	Newton, MS	5
Birmingham, AL	Jefferson, AL	cold	Noxubee, MS	9
Birmingham, AL	Jefferson, AL	cold	Oktibbeha, MS	5
Birmingham, AL	Jefferson, AL	cold	Paulding, GA	4
Birmingham, AL	Jefferson, AL	cold	Perry, AL	35
Birmingham, AL	Jefferson, AL	cold	Pickens, AL	19
Birmingham, AL	Jefferson, AL	cold	Pike, AL	15
Birmingham, AL	Jefferson, AL	cold	Polk, GA	4
Birmingham, AL	Jefferson, AL	cold	Pontotoc, MS	3
Birmingham, AL	Jefferson, AL	cold	Prentiss, MS	3
Birmingham, AL	Jefferson, AL	cold	Randolph, AL	9
Birmingham, AL	Jefferson, AL	cold	Russell, AL	13
Birmingham, AL	Jefferson, AL	cold	Sequatchie, TN	2
Birmingham, AL	Jefferson, AL	cold	Shelby, AL	82
Birmingham, AL	Jefferson, AL	cold	St. Clair, AL	50
Birmingham, AL	Jefferson, AL	cold	Sumter, AL	17
Birmingham, AL	Jefferson, AL	cold	Talladega, AL	40
Birmingham, AL	Jefferson, AL	cold	Tallapoosa, AL	24
Birmingham, AL	Jefferson, AL	cold	Tippah, MS	3
Birmingham, AL	Jefferson, AL	cold	Tishomingo, MS	4
Birmingham, AL	Jefferson, AL	cold	Troup, GA	8
Birmingham, AL	Jefferson, AL	cold	Tuscaloosa, AL	43
Birmingham, AL	Jefferson, AL	cold	Union, MS	3
Birmingham, AL	Jefferson, AL	cold	Walker, AL	57
Birmingham, AL	Jefferson, AL	cold	Walker, GA	3
Birmingham, AL	Jefferson, AL	cold	Washington, AL	4
Birmingham, AL	Jefferson, AL	cold	Wayne, MS	2
Birmingham, AL	Jefferson, AL	cold	Wayne, TN	5
Birmingham, AL	Jefferson, AL	cold	Webster, MS	3
Birmingham, AL	Jefferson, AL	cold	Whitfield, GA	3
Birmingham, AL	Jefferson, AL	cold	Wilcox, AL	19
Birmingham, AL	Jefferson, AL	cold	Winston, AL	28

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Birmingham, AL	Jefferson, AL	cold	Winston, MS	4
Birmingham, AL	Jefferson, AL	warm	Alcorn, MS	13
Birmingham, AL	Jefferson, AL	warm	Attala, MS	2
Birmingham, AL	Jefferson, AL	warm	Autauga, AL	3
Birmingham, AL	Jefferson, AL	warm	Baldwin, AL	2
Birmingham, AL	Jefferson, AL	warm	Bartow, GA	9
Birmingham, AL	Jefferson, AL	warm	Bedford, TN	11
Birmingham, AL	Jefferson, AL	warm	Bibb, AL	28
Birmingham, AL	Jefferson, AL	warm	Blount, AL	71
Birmingham, AL	Jefferson, AL	warm	Bullock, AL	1
Birmingham, AL	Jefferson, AL	warm	Butler, AL	1
Birmingham, AL	Jefferson, AL	warm	Calhoun, AL	40
Birmingham, AL	Jefferson, AL	warm	Calhoun, MS	9
Birmingham, AL	Jefferson, AL	warm	Carroll, GA	17
Birmingham, AL	Jefferson, AL	warm	Catoosa, GA	6
Birmingham, AL	Jefferson, AL	warm	Chambers, AL	6
Birmingham, AL	Jefferson, AL	warm	Chattooga, GA	10
Birmingham, AL	Jefferson, AL	warm	Cherokee, AL	24
Birmingham, AL	Jefferson, AL	warm	Chickasaw, MS	17
Birmingham, AL	Jefferson, AL	warm	Chilton, AL	9
Birmingham, AL	Jefferson, AL	warm	Choctaw, AL	11
Birmingham, AL	Jefferson, AL	warm	Choctaw, MS	8
Birmingham, AL	Jefferson, AL	warm	Clarke, AL	7
Birmingham, AL	Jefferson, AL	warm	Clarke, MS	5
Birmingham, AL	Jefferson, AL	warm	Clay, AL	19
Birmingham, AL	Jefferson, AL	warm	Clay, MS	25
Birmingham, AL	Jefferson, AL	warm	Cleburne, AL	27
Birmingham, AL	Jefferson, AL	warm	Coffee, TN	10
Birmingham, AL	Jefferson, AL	warm	Colbert, AL	25
Birmingham, AL	Jefferson, AL	warm	Coosa, AL	9
Birmingham, AL	Jefferson, AL	warm	Coweta, GA	12
Birmingham, AL	Jefferson, AL	warm	Crenshaw, AL	1
Birmingham, AL	Jefferson, AL	warm	Cullman, AL	57
Birmingham, AL	Jefferson, AL	warm	Dade, GA	9
Birmingham, AL	Jefferson, AL	warm	Dallas, AL	4
Birmingham, AL	Jefferson, AL	warm	DeKalb, AL	22
Birmingham, AL	Jefferson, AL	warm	Douglas, GA	14
Birmingham, AL	Jefferson, AL	warm	Elmore, AL	2
Birmingham, AL	Jefferson, AL	warm	Etowah, AL	45
Birmingham, AL	Jefferson, AL	warm	Fayette, AL	33
Birmingham, AL	Jefferson, AL	warm	Floyd, GA	13
Birmingham, AL	Jefferson, AL	warm	Franklin, AL	31
Birmingham, AL	Jefferson, AL	warm	Franklin, TN	17
Birmingham, AL	Jefferson, AL	warm	Fulton, GA	11
Birmingham, AL	Jefferson, AL	warm	Giles, TN	15
Birmingham, AL	Jefferson, AL	warm	Gordon, GA	5
Birmingham, AL	Jefferson, AL	warm	Greene, AL	21
Birmingham, AL	Jefferson, AL	warm	Grundy, TN	10
Birmingham, AL	Jefferson, AL	warm	Hale, AL	25

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Birmingham, AL	Jefferson, AL	warm	Hamilton, TN	6
Birmingham, AL	Jefferson, AL	warm	Haralson, GA	20
Birmingham, AL	Jefferson, AL	warm	Hardin, TN	18
Birmingham, AL	Jefferson, AL	warm	Harris, GA	2
Birmingham, AL	Jefferson, AL	warm	Heard, GA	13
Birmingham, AL	Jefferson, AL	warm	Itawamba, MS	29
Birmingham, AL	Jefferson, AL	warm	Jackson, AL	22
Birmingham, AL	Jefferson, AL	warm	Jasper, MS	1
Birmingham, AL	Jefferson, AL	warm	Jefferson, AL	100
Birmingham, AL	Jefferson, AL	warm	Kemper, MS	8
Birmingham, AL	Jefferson, AL	warm	Lamar, AL	27
Birmingham, AL	Jefferson, AL	warm	Lauderdale, AL	21
Birmingham, AL	Jefferson, AL	warm	Lauderdale, MS	6
Birmingham, AL	Jefferson, AL	warm	Lawrence, AL	28
Birmingham, AL	Jefferson, AL	warm	Lawrence, TN	14
Birmingham, AL	Jefferson, AL	warm	Leake, MS	1
Birmingham, AL	Jefferson, AL	warm	Lee, AL	1
Birmingham, AL	Jefferson, AL	warm	Lee, MS	20
Birmingham, AL	Jefferson, AL	warm	Limestone, AL	20
Birmingham, AL	Jefferson, AL	warm	Lincoln, TN	20
Birmingham, AL	Jefferson, AL	warm	Lowndes, AL	2
Birmingham, AL	Jefferson, AL	warm	Lowndes, MS	24
Birmingham, AL	Jefferson, AL	warm	Macon, AL	1
Birmingham, AL	Jefferson, AL	warm	Madison, AL	28
Birmingham, AL	Jefferson, AL	warm	Marengo, AL	14
Birmingham, AL	Jefferson, AL	warm	Marion, AL	36
Birmingham, AL	Jefferson, AL	warm	Marion, TN	11
Birmingham, AL	Jefferson, AL	warm	Marshall, AL	37
Birmingham, AL	Jefferson, AL	warm	Marshall, TN	13
Birmingham, AL	Jefferson, AL	warm	Monroe, AL	4
Birmingham, AL	Jefferson, AL	warm	Monroe, MS	32
Birmingham, AL	Jefferson, AL	warm	Montgomery, AL	2
Birmingham, AL	Jefferson, AL	warm	Moore, TN	16
Birmingham, AL	Jefferson, AL	warm	Morgan, AL	30
Birmingham, AL	Jefferson, AL	warm	Muscogee, GA	0
Birmingham, AL	Jefferson, AL	warm	Neshoba, MS	4
Birmingham, AL	Jefferson, AL	warm	Newton, MS	2
Birmingham, AL	Jefferson, AL	warm	Noxubee, MS	16
Birmingham, AL	Jefferson, AL	warm	Oktibbeha, MS	21
Birmingham, AL	Jefferson, AL	warm	Paulding, GA	14
Birmingham, AL	Jefferson, AL	warm	Perry, AL	12
Birmingham, AL	Jefferson, AL	warm	Pickens, AL	17
Birmingham, AL	Jefferson, AL	warm	Pike, AL	1
Birmingham, AL	Jefferson, AL	warm	Polk, GA	18
Birmingham, AL	Jefferson, AL	warm	Pontotoc, MS	10
Birmingham, AL	Jefferson, AL	warm	Prentiss, MS	18
Birmingham, AL	Jefferson, AL	warm	Randolph, AL	16
Birmingham, AL	Jefferson, AL	warm	Russell, AL	0
Birmingham, AL	Jefferson, AL	warm	Sequatchie, TN	8

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Birmingham, AL	Jefferson, AL	warm	Shelby, AL	54
Birmingham, AL	Jefferson, AL	warm	St. Clair, AL	68
Birmingham, AL	Jefferson, AL	warm	Sumter, AL	16
Birmingham, AL	Jefferson, AL	warm	Talladega, AL	36
Birmingham, AL	Jefferson, AL	warm	Tallapoosa, AL	5
Birmingham, AL	Jefferson, AL	warm	Tippah, MS	6
Birmingham, AL	Jefferson, AL	warm	Tishomingo, MS	23
Birmingham, AL	Jefferson, AL	warm	Troup, GA	7
Birmingham, AL	Jefferson, AL	warm	Tuscaloosa, AL	38
Birmingham, AL	Jefferson, AL	warm	Union, MS	7
Birmingham, AL	Jefferson, AL	warm	Walker, AL	73
Birmingham, AL	Jefferson, AL	warm	Walker, GA	7
Birmingham, AL	Jefferson, AL	warm	Washington, AL	6
Birmingham, AL	Jefferson, AL	warm	Wayne, MS	3
Birmingham, AL	Jefferson, AL	warm	Wayne, TN	18
Birmingham, AL	Jefferson, AL	warm	Webster, MS	10
Birmingham, AL	Jefferson, AL	warm	Whitfield, GA	5
Birmingham, AL	Jefferson, AL	warm	Wilcox, AL	4
Birmingham, AL	Jefferson, AL	warm	Winston, AL	49
Birmingham, AL	Jefferson, AL	warm	Winston, MS	10
Canton, OH	Stark, OH	cold	Allegheny, PA	31
Canton, OH	Stark, OH	cold	Armstrong, PA	18
Canton, OH	Stark, OH	cold	Ashland, OH	53
Canton, OH	Stark, OH	cold	Ashtabula, OH	15
Canton, OH	Stark, OH	cold	Athens, OH	27
Canton, OH	Stark, OH	cold	Beaver, PA	38
Canton, OH	Stark, OH	cold	Belmont, OH	45
Canton, OH	Stark, OH	cold	Brooke, WV	43
Canton, OH	Stark, OH	cold	Butler, PA	22
Canton, OH	Stark, OH	cold	Cambria, PA	9
Canton, OH	Stark, OH	cold	Carroll, OH	88
Canton, OH	Stark, OH	cold	Cattaraugus, NY	1
Canton, OH	Stark, OH	cold	Champaign, OH	19
Canton, OH	Stark, OH	cold	Chautauqua, NY	2
Canton, OH	Stark, OH	cold	Clarion, PA	11
Canton, OH	Stark, OH	cold	Columbiana, OH	61
Canton, OH	Stark, OH	cold	Coshocton, OH	73
Canton, OH	Stark, OH	cold	Crawford, OH	24
Canton, OH	Stark, OH	cold	Crawford, PA	11
Canton, OH	Stark, OH	cold	Cuyahoga, OH	33
Canton, OH	Stark, OH	cold	Delaware, OH	34
Canton, OH	Stark, OH	cold	Elk, PA	3
Canton, OH	Stark, OH	cold	Erie, OH	16
Canton, OH	Stark, OH	cold	Erie, PA	7
Canton, OH	Stark, OH	cold	Fairfield, OH	33
Canton, OH	Stark, OH	cold	Fayette, PA	26
Canton, OH	Stark, OH	cold	Forest, PA	6
Canton, OH	Stark, OH	cold	Franklin, OH	32
Canton, OH	Stark, OH	cold	Garrett, MD	19

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Canton, OH	Stark, OH	cold	Geauga, OH	26
Canton, OH	Stark, OH	cold	Greene, PA	30
Canton, OH	Stark, OH	cold	Guernsey, OH	57
Canton, OH	Stark, OH	cold	Hancock, OH	10
Canton, OH	Stark, OH	cold	Hancock, WV	48
Canton, OH	Stark, OH	cold	Hardin, OH	13
Canton, OH	Stark, OH	cold	Harrison, OH	69
Canton, OH	Stark, OH	cold	Hocking, OH	28
Canton, OH	Stark, OH	cold	Holmes, OH	86
Canton, OH	Stark, OH	cold	Huron, OH	23
Canton, OH	Stark, OH	cold	Indiana, PA	14
Canton, OH	Stark, OH	cold	Jefferson, OH	55
Canton, OH	Stark, OH	cold	Jefferson, PA	9
Canton, OH	Stark, OH	cold	Knox, OH	53
Canton, OH	Stark, OH	cold	Lake, OH	17
Canton, OH	Stark, OH	cold	Lawrence, PA	28
Canton, OH	Stark, OH	cold	Licking, OH	44
Canton, OH	Stark, OH	cold	Logan, OH	15
Canton, OH	Stark, OH	cold	Lorain, OH	31
Canton, OH	Stark, OH	cold	Madison, OH	25
Canton, OH	Stark, OH	cold	Mahoning, OH	50
Canton, OH	Stark, OH	cold	Marion, OH	25
Canton, OH	Stark, OH	cold	Marshall, WV	32
Canton, OH	Stark, OH	cold	McKean, PA	1
Canton, OH	Stark, OH	cold	Medina, OH	56
Canton, OH	Stark, OH	cold	Mercer, PA	19
Canton, OH	Stark, OH	cold	Monongalia, WV	26
Canton, OH	Stark, OH	cold	Monroe, OH	33
Canton, OH	Stark, OH	cold	Morgan, OH	35
Canton, OH	Stark, OH	cold	Morrow, OH	37
Canton, OH	Stark, OH	cold	Muskingum, OH	49
Canton, OH	Stark, OH	cold	Noble, OH	38
Canton, OH	Stark, OH	cold	Ohio, WV	39
Canton, OH	Stark, OH	cold	Ottawa, OH	7
Canton, OH	Stark, OH	cold	Perry, OH	36
Canton, OH	Stark, OH	cold	Pickaway, OH	26
Canton, OH	Stark, OH	cold	Pleasants, WV	22
Canton, OH	Stark, OH	cold	Portage, OH	57
Canton, OH	Stark, OH	cold	Preston, WV	22
Canton, OH	Stark, OH	cold	Richland, OH	41
Canton, OH	Stark, OH	cold	Sandusky, OH	10
Canton, OH	Stark, OH	cold	Seneca, OH	14
Canton, OH	Stark, OH	cold	Somerset, PA	17
Canton, OH	Stark, OH	cold	Stark, OH	100
Canton, OH	Stark, OH	cold	Summit, OH	69
Canton, OH	Stark, OH	cold	Trumbull, OH	29
Canton, OH	Stark, OH	cold	Tuscarawas, OH	96
Canton, OH	Stark, OH	cold	Tyler, WV	23
Canton, OH	Stark, OH	cold	Union, OH	24

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Canton, OH	Stark, OH	cold	Venango, PA	11
Canton, OH	Stark, OH	cold	Warren, PA	3
Canton, OH	Stark, OH	cold	Washington, OH	28
Canton, OH	Stark, OH	cold	Washington, PA	35
Canton, OH	Stark, OH	cold	Wayne, OH	84
Canton, OH	Stark, OH	cold	Westmoreland, PA	24
Canton, OH	Stark, OH	cold	Wetzel, WV	26
Canton, OH	Stark, OH	cold	Wood, OH	7
Canton, OH	Stark, OH	cold	Wood, WV	21
Canton, OH	Stark, OH	cold	Wyandot, OH	16
Canton, OH	Stark, OH	warm	Allegheny, PA	29
Canton, OH	Stark, OH	warm	Armstrong, PA	18
Canton, OH	Stark, OH	warm	Ashland, OH	21
Canton, OH	Stark, OH	warm	Ashtabula, OH	10
Canton, OH	Stark, OH	warm	Athens, OH	32
Canton, OH	Stark, OH	warm	Beaver, PA	31
Canton, OH	Stark, OH	warm	Belmont, OH	71
Canton, OH	Stark, OH	warm	Brooke, WV	49
Canton, OH	Stark, OH	warm	Butler, PA	19
Canton, OH	Stark, OH	warm	Cambria, PA	9
Canton, OH	Stark, OH	warm	Carroll, OH	83
Canton, OH	Stark, OH	warm	Cattaraugus, NY	2
Canton, OH	Stark, OH	warm	Champaign, OH	7
Canton, OH	Stark, OH	warm	Chautauqua, NY	3
Canton, OH	Stark, OH	warm	Clarion, PA	11
Canton, OH	Stark, OH	warm	Columbiana, OH	48
Canton, OH	Stark, OH	warm	Coshocton, OH	75
Canton, OH	Stark, OH	warm	Crawford, OH	5
Canton, OH	Stark, OH	warm	Crawford, PA	6
Canton, OH	Stark, OH	warm	Cuyahoga, OH	16
Canton, OH	Stark, OH	warm	Delaware, OH	13
Canton, OH	Stark, OH	warm	Elk, PA	3
Canton, OH	Stark, OH	warm	Erie, OH	3
Canton, OH	Stark, OH	warm	Erie, PA	5
Canton, OH	Stark, OH	warm	Fairfield, OH	29
Canton, OH	Stark, OH	warm	Fayette, PA	18
Canton, OH	Stark, OH	warm	Forest, PA	5
Canton, OH	Stark, OH	warm	Franklin, OH	17
Canton, OH	Stark, OH	warm	Garrett, MD	8
Canton, OH	Stark, OH	warm	Geauga, OH	17
Canton, OH	Stark, OH	warm	Greene, PA	36
Canton, OH	Stark, OH	warm	Guernsey, OH	85
Canton, OH	Stark, OH	warm	Hancock, OH	2
Canton, OH	Stark, OH	warm	Hancock, WV	44
Canton, OH	Stark, OH	warm	Hardin, OH	3
Canton, OH	Stark, OH	warm	Harrison, OH	81
Canton, OH	Stark, OH	warm	Hocking, OH	28
Canton, OH	Stark, OH	warm	Holmes, OH	65
Canton, OH	Stark, OH	warm	Huron, OH	4

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Canton, OH	Stark, OH	warm	Indiana, PA	14
Canton, OH	Stark, OH	warm	Jefferson, OH	57
Canton, OH	Stark, OH	warm	Jefferson, PA	8
Canton, OH	Stark, OH	warm	Knox, OH	31
Canton, OH	Stark, OH	warm	Lake, OH	10
Canton, OH	Stark, OH	warm	Lawrence, PA	20
Canton, OH	Stark, OH	warm	Licking, OH	35
Canton, OH	Stark, OH	warm	Logan, OH	5
Canton, OH	Stark, OH	warm	Lorain, OH	9
Canton, OH	Stark, OH	warm	Madison, OH	11
Canton, OH	Stark, OH	warm	Mahoning, OH	35
Canton, OH	Stark, OH	warm	Marion, OH	6
Canton, OH	Stark, OH	warm	Marshall, WV	58
Canton, OH	Stark, OH	warm	McKean, PA	2
Canton, OH	Stark, OH	warm	Medina, OH	27
Canton, OH	Stark, OH	warm	Mercer, PA	11
Canton, OH	Stark, OH	warm	Monongalia, WV	24
Canton, OH	Stark, OH	warm	Monroe, OH	70
Canton, OH	Stark, OH	warm	Morgan, OH	55
Canton, OH	Stark, OH	warm	Morrow, OH	12
Canton, OH	Stark, OH	warm	Muskingum, OH	67
Canton, OH	Stark, OH	warm	Noble, OH	70
Canton, OH	Stark, OH	warm	Ohio, WV	53
Canton, OH	Stark, OH	warm	Ottawa, OH	1
Canton, OH	Stark, OH	warm	Perry, OH	43
Canton, OH	Stark, OH	warm	Pickaway, OH	18
Canton, OH	Stark, OH	warm	Pleasants, WV	54
Canton, OH	Stark, OH	warm	Portage, OH	42
Canton, OH	Stark, OH	warm	Preston, WV	11
Canton, OH	Stark, OH	warm	Richland, OH	13
Canton, OH	Stark, OH	warm	Sandusky, OH	1
Canton, OH	Stark, OH	warm	Seneca, OH	2
Canton, OH	Stark, OH	warm	Somerset, PA	10
Canton, OH	Stark, OH	warm	Stark, OH	83
Canton, OH	Stark, OH	warm	Summit, OH	46
Canton, OH	Stark, OH	warm	Trumbull, OH	18
Canton, OH	Stark, OH	warm	Tuscarawas, OH	100
Canton, OH	Stark, OH	warm	Tyler, WV	58
Canton, OH	Stark, OH	warm	Union, OH	7
Canton, OH	Stark, OH	warm	Venango, PA	8
Canton, OH	Stark, OH	warm	Warren, PA	4
Canton, OH	Stark, OH	warm	Washington, OH	52
Canton, OH	Stark, OH	warm	Washington, PA	38
Canton, OH	Stark, OH	warm	Wayne, OH	53
Canton, OH	Stark, OH	warm	Westmoreland, PA	20
Canton, OH	Stark, OH	warm	Wetzel, WV	54
Canton, OH	Stark, OH	warm	Wood, OH	1
Canton, OH	Stark, OH	warm	Wood, WV	37
Canton, OH	Stark, OH	warm	Wyandot, OH	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Charleston, WV	Kanawha, WV	cold	Adams, OH	7
Charleston, WV	Kanawha, WV	cold	Albemarle, VA	1
Charleston, WV	Kanawha, WV	cold	Alleghany, VA	8
Charleston, WV	Kanawha, WV	cold	Amherst, VA	5
Charleston, WV	Kanawha, WV	cold	Athens, OH	23
Charleston, WV	Kanawha, WV	cold	Augusta, VA	3
Charleston, WV	Kanawha, WV	cold	Barbour, WV	13
Charleston, WV	Kanawha, WV	cold	Bath, VA	5
Charleston, WV	Kanawha, WV	cold	Bedford, VA	8
Charleston, WV	Kanawha, WV	cold	Belmont, OH	15
Charleston, WV	Kanawha, WV	cold	Bland, VA	21
Charleston, WV	Kanawha, WV	cold	Boone, WV	93
Charleston, WV	Kanawha, WV	cold	Botetourt, VA	9
Charleston, WV	Kanawha, WV	cold	Boyd, KY	28
Charleston, WV	Kanawha, WV	cold	Braxton, WV	34
Charleston, WV	Kanawha, WV	cold	Breathitt, KY	14
Charleston, WV	Kanawha, WV	cold	Buchanan, VA	33
Charleston, WV	Kanawha, WV	cold	Buena Vista, VA	5
Charleston, WV	Kanawha, WV	cold	Cabell, WV	66
Charleston, WV	Kanawha, WV	cold	Calhoun, WV	49
Charleston, WV	Kanawha, WV	cold	Carroll, VA	13
Charleston, WV	Kanawha, WV	cold	Carter, KY	15
Charleston, WV	Kanawha, WV	cold	Clay, WV	59
Charleston, WV	Kanawha, WV	cold	Craig, VA	11
Charleston, WV	Kanawha, WV	cold	Dickenson, VA	22
Charleston, WV	Kanawha, WV	cold	Doddridge, WV	27
Charleston, WV	Kanawha, WV	cold	Elliott, KY	15
Charleston, WV	Kanawha, WV	cold	Fairfield, OH	8
Charleston, WV	Kanawha, WV	cold	Fayette, OH	4
Charleston, WV	Kanawha, WV	cold	Fayette, WV	50
Charleston, WV	Kanawha, WV	cold	Floyd, KY	23
Charleston, WV	Kanawha, WV	cold	Floyd, VA	12
Charleston, WV	Kanawha, WV	cold	Gallia, OH	42
Charleston, WV	Kanawha, WV	cold	Garrett, MD	4
Charleston, WV	Kanawha, WV	cold	Giles, VA	16
Charleston, WV	Kanawha, WV	cold	Gilmer, WV	36
Charleston, WV	Kanawha, WV	cold	Grant, WV	3
Charleston, WV	Kanawha, WV	cold	Grayson, VA	14
Charleston, WV	Kanawha, WV	cold	Greenbrier, WV	15
Charleston, WV	Kanawha, WV	cold	Greenup, KY	17
Charleston, WV	Kanawha, WV	cold	Guernsey, OH	10
Charleston, WV	Kanawha, WV	cold	Hampshire, WV	2
Charleston, WV	Kanawha, WV	cold	Hardy, WV	2
Charleston, WV	Kanawha, WV	cold	Harlan, KY	10
Charleston, WV	Kanawha, WV	cold	Harrison, WV	21
Charleston, WV	Kanawha, WV	cold	Highland, OH	5
Charleston, WV	Kanawha, WV	cold	Highland, VA	3
Charleston, WV	Kanawha, WV	cold	Hocking, OH	13
Charleston, WV	Kanawha, WV	cold	Jackson, OH	22

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Charleston, WV	Kanawha, WV	cold	Jackson, WV	72
Charleston, WV	Kanawha, WV	cold	Johnson, KY	23
Charleston, WV	Kanawha, WV	cold	Kanawha, WV	100
Charleston, WV	Kanawha, WV	cold	Knott, KY	16
Charleston, WV	Kanawha, WV	cold	Lawrence, KY	28
Charleston, WV	Kanawha, WV	cold	Lawrence, OH	36
Charleston, WV	Kanawha, WV	cold	Lee, VA	10
Charleston, WV	Kanawha, WV	cold	Letcher, KY	15
Charleston, WV	Kanawha, WV	cold	Lewis, KY	9
Charleston, WV	Kanawha, WV	cold	Lewis, WV	26
Charleston, WV	Kanawha, WV	cold	Licking, OH	6
Charleston, WV	Kanawha, WV	cold	Lincoln, WV	86
Charleston, WV	Kanawha, WV	cold	Logan, WV	73
Charleston, WV	Kanawha, WV	cold	Magoffin, KY	17
Charleston, WV	Kanawha, WV	cold	Marion, WV	17
Charleston, WV	Kanawha, WV	cold	Marshall, WV	19
Charleston, WV	Kanawha, WV	cold	Martin, KY	37
Charleston, WV	Kanawha, WV	cold	Mason, WV	64
Charleston, WV	Kanawha, WV	cold	Mc Dowell, WV	38
Charleston, WV	Kanawha, WV	cold	Meigs, OH	38
Charleston, WV	Kanawha, WV	cold	Menifee, KY	10
Charleston, WV	Kanawha, WV	cold	Mercer, WV	26
Charleston, WV	Kanawha, WV	cold	Mineral, WV	3
Charleston, WV	Kanawha, WV	cold	Mingo, WV	55
Charleston, WV	Kanawha, WV	cold	Monroe, OH	20
Charleston, WV	Kanawha, WV	cold	Monroe, WV	15
Charleston, WV	Kanawha, WV	cold	Montgomery, VA	12
Charleston, WV	Kanawha, WV	cold	Morgan, KY	14
Charleston, WV	Kanawha, WV	cold	Morgan, OH	14
Charleston, WV	Kanawha, WV	cold	Muskingum, OH	8
Charleston, WV	Kanawha, WV	cold	Nelson, VA	3
Charleston, WV	Kanawha, WV	cold	Nicholas, WV	35
Charleston, WV	Kanawha, WV	cold	Noble, OH	15
Charleston, WV	Kanawha, WV	cold	Norton, VA	15
Charleston, WV	Kanawha, WV	cold	Pendleton, WV	3
Charleston, WV	Kanawha, WV	cold	Perry, KY	13
Charleston, WV	Kanawha, WV	cold	Perry, OH	10
Charleston, WV	Kanawha, WV	cold	Pickaway, OH	7
Charleston, WV	Kanawha, WV	cold	Pike, KY	32
Charleston, WV	Kanawha, WV	cold	Pike, OH	12
Charleston, WV	Kanawha, WV	cold	Pleasants, WV	27
Charleston, WV	Kanawha, WV	cold	Pocahontas, WV	8
Charleston, WV	Kanawha, WV	cold	Preston, WV	7
Charleston, WV	Kanawha, WV	cold	Pulaski, VA	15
Charleston, WV	Kanawha, WV	cold	Putnam, WV	95
Charleston, WV	Kanawha, WV	cold	Radford (City), VA	13
Charleston, WV	Kanawha, WV	cold	Raleigh, WV	49
Charleston, WV	Kanawha, WV	cold	Randolph, WV	9
Charleston, WV	Kanawha, WV	cold	Ritchie, WV	33

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Charleston, WV	Kanawha, WV	cold	Roane, WV	71
Charleston, WV	Kanawha, WV	cold	Roanoke, VA	11
Charleston, WV	Kanawha, WV	cold	Rockbridge, VA	6
Charleston, WV	Kanawha, WV	cold	Rockingham, VA	1
Charleston, WV	Kanawha, WV	cold	Ross, OH	10
Charleston, WV	Kanawha, WV	cold	Rowan, KY	10
Charleston, WV	Kanawha, WV	cold	Russell, VA	21
Charleston, WV	Kanawha, WV	cold	Scioto, OH	15
Charleston, WV	Kanawha, WV	cold	Scott, VA	13
Charleston, WV	Kanawha, WV	cold	Smyth, VA	18
Charleston, WV	Kanawha, WV	cold	Staunton (City), VA	2
Charleston, WV	Kanawha, WV	cold	Summers, WV	23
Charleston, WV	Kanawha, WV	cold	Taylor, WV	14
Charleston, WV	Kanawha, WV	cold	Tazewell, VA	26
Charleston, WV	Kanawha, WV	cold	Tucker, WV	6
Charleston, WV	Kanawha, WV	cold	Tyler, WV	25
Charleston, WV	Kanawha, WV	cold	Upshur, WV	18
Charleston, WV	Kanawha, WV	cold	Vinton, OH	19
Charleston, WV	Kanawha, WV	cold	Washington, OH	23
Charleston, WV	Kanawha, WV	cold	Washington, VA	16
Charleston, WV	Kanawha, WV	cold	Wayne, WV	49
Charleston, WV	Kanawha, WV	cold	Waynesboro (City), VA	2
Charleston, WV	Kanawha, WV	cold	Webster, WV	20
Charleston, WV	Kanawha, WV	cold	Wetzel, WV	22
Charleston, WV	Kanawha, WV	cold	Wirt, WV	47
Charleston, WV	Kanawha, WV	cold	Wise, VA	15
Charleston, WV	Kanawha, WV	cold	Wolfe, KY	12
Charleston, WV	Kanawha, WV	cold	Wood, WV	35
Charleston, WV	Kanawha, WV	cold	Wyoming, WV	51
Charleston, WV	Kanawha, WV	cold	Wythe, VA	17
Charleston, WV	Kanawha, WV	warm	Adams, OH	8
Charleston, WV	Kanawha, WV	warm	Albemarle, VA	6
Charleston, WV	Kanawha, WV	warm	Alleghany, VA	6
Charleston, WV	Kanawha, WV	warm	Amherst, VA	9
Charleston, WV	Kanawha, WV	warm	Athens, OH	12
Charleston, WV	Kanawha, WV	warm	Augusta, VA	5
Charleston, WV	Kanawha, WV	warm	Barbour, WV	9
Charleston, WV	Kanawha, WV	warm	Bath, VA	5
Charleston, WV	Kanawha, WV	warm	Bedford, VA	15
Charleston, WV	Kanawha, WV	warm	Belmont, OH	17
Charleston, WV	Kanawha, WV	warm	Bland, VA	11
Charleston, WV	Kanawha, WV	warm	Boone, WV	69
Charleston, WV	Kanawha, WV	warm	Botetourt, VA	9
Charleston, WV	Kanawha, WV	warm	Boyd, KY	27
Charleston, WV	Kanawha, WV	warm	Braxton, WV	31
Charleston, WV	Kanawha, WV	warm	Breathitt, KY	3
Charleston, WV	Kanawha, WV	warm	Buchanan, VA	5
Charleston, WV	Kanawha, WV	warm	Buena Vista, VA	8
Charleston, WV	Kanawha, WV	warm	Cabell, WV	53

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Charleston, WV	Kanawha, WV	warm	Calhoun, WV	51
Charleston, WV	Kanawha, WV	warm	Carroll, VA	13
Charleston, WV	Kanawha, WV	warm	Carter, KY	18
Charleston, WV	Kanawha, WV	warm	Clay, WV	64
Charleston, WV	Kanawha, WV	warm	Craig, VA	9
Charleston, WV	Kanawha, WV	warm	Dickenson, VA	3
Charleston, WV	Kanawha, WV	warm	Doddridge, WV	28
Charleston, WV	Kanawha, WV	warm	Elliott, KY	14
Charleston, WV	Kanawha, WV	warm	Fairfield, OH	2
Charleston, WV	Kanawha, WV	warm	Fayette, OH	1
Charleston, WV	Kanawha, WV	warm	Fayette, WV	42
Charleston, WV	Kanawha, WV	warm	Floyd, KY	7
Charleston, WV	Kanawha, WV	warm	Floyd, VA	16
Charleston, WV	Kanawha, WV	warm	Gallia, OH	25
Charleston, WV	Kanawha, WV	warm	Garrett, MD	3
Charleston, WV	Kanawha, WV	warm	Giles, VA	13
Charleston, WV	Kanawha, WV	warm	Gilmer, WV	37
Charleston, WV	Kanawha, WV	warm	Grant, WV	4
Charleston, WV	Kanawha, WV	warm	Grayson, VA	6
Charleston, WV	Kanawha, WV	warm	Greenbrier, WV	9
Charleston, WV	Kanawha, WV	warm	Greenup, KY	18
Charleston, WV	Kanawha, WV	warm	Guernsey, OH	9
Charleston, WV	Kanawha, WV	warm	Hampshire, WV	5
Charleston, WV	Kanawha, WV	warm	Hardy, WV	5
Charleston, WV	Kanawha, WV	warm	Harlan, KY	1
Charleston, WV	Kanawha, WV	warm	Harrison, WV	19
Charleston, WV	Kanawha, WV	warm	Highland, OH	3
Charleston, WV	Kanawha, WV	warm	Highland, VA	4
Charleston, WV	Kanawha, WV	warm	Hocking, OH	4
Charleston, WV	Kanawha, WV	warm	Jackson, OH	9
Charleston, WV	Kanawha, WV	warm	Jackson, WV	59
Charleston, WV	Kanawha, WV	warm	Johnson, KY	13
Charleston, WV	Kanawha, WV	warm	Kanawha, WV	100
Charleston, WV	Kanawha, WV	warm	Knott, KY	3
Charleston, WV	Kanawha, WV	warm	Lawrence, KY	22
Charleston, WV	Kanawha, WV	warm	Lawrence, OH	28
Charleston, WV	Kanawha, WV	warm	Lee, VA	1
Charleston, WV	Kanawha, WV	warm	Letcher, KY	2
Charleston, WV	Kanawha, WV	warm	Lewis, KY	13
Charleston, WV	Kanawha, WV	warm	Lewis, WV	22
Charleston, WV	Kanawha, WV	warm	Licking, OH	2
Charleston, WV	Kanawha, WV	warm	Lincoln, WV	65
Charleston, WV	Kanawha, WV	warm	Logan, WV	37
Charleston, WV	Kanawha, WV	warm	Magoffin, KY	7
Charleston, WV	Kanawha, WV	warm	Marion, WV	15
Charleston, WV	Kanawha, WV	warm	Marshall, WV	20
Charleston, WV	Kanawha, WV	warm	Martin, KY	17
Charleston, WV	Kanawha, WV	warm	Mason, WV	45
Charleston, WV	Kanawha, WV	warm	Mc Dowell, WV	11

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Charleston, WV	Kanawha, WV	warm	Meigs, OH	21
Charleston, WV	Kanawha, WV	warm	Menifee, KY	6
Charleston, WV	Kanawha, WV	warm	Mercer, WV	15
Charleston, WV	Kanawha, WV	warm	Mineral, WV	4
Charleston, WV	Kanawha, WV	warm	Mingo, WV	21
Charleston, WV	Kanawha, WV	warm	Monroe, OH	22
Charleston, WV	Kanawha, WV	warm	Monroe, WV	10
Charleston, WV	Kanawha, WV	warm	Montgomery, VA	13
Charleston, WV	Kanawha, WV	warm	Morgan, KY	9
Charleston, WV	Kanawha, WV	warm	Morgan, OH	10
Charleston, WV	Kanawha, WV	warm	Muskingum, OH	5
Charleston, WV	Kanawha, WV	warm	Nelson, VA	7
Charleston, WV	Kanawha, WV	warm	Nicholas, WV	30
Charleston, WV	Kanawha, WV	warm	Noble, OH	15
Charleston, WV	Kanawha, WV	warm	Norton, VA	2
Charleston, WV	Kanawha, WV	warm	Pendleton, WV	4
Charleston, WV	Kanawha, WV	warm	Perry, KY	2
Charleston, WV	Kanawha, WV	warm	Perry, OH	4
Charleston, WV	Kanawha, WV	warm	Pickaway, OH	1
Charleston, WV	Kanawha, WV	warm	Pike, KY	8
Charleston, WV	Kanawha, WV	warm	Pike, OH	5
Charleston, WV	Kanawha, WV	warm	Pleasants, WV	29
Charleston, WV	Kanawha, WV	warm	Pocahontas, WV	4
Charleston, WV	Kanawha, WV	warm	Preston, WV	5
Charleston, WV	Kanawha, WV	warm	Pulaski, VA	14
Charleston, WV	Kanawha, WV	warm	Putnam, WV	84
Charleston, WV	Kanawha, WV	warm	Radford (City), VA	14
Charleston, WV	Kanawha, WV	warm	Raleigh, WV	32
Charleston, WV	Kanawha, WV	warm	Randolph, WV	5
Charleston, WV	Kanawha, WV	warm	Ritchie, WV	35
Charleston, WV	Kanawha, WV	warm	Roane, WV	72
Charleston, WV	Kanawha, WV	warm	Roanoke, VA	12
Charleston, WV	Kanawha, WV	warm	Rockbridge, VA	7
Charleston, WV	Kanawha, WV	warm	Rockingham, VA	5
Charleston, WV	Kanawha, WV	warm	Ross, OH	2
Charleston, WV	Kanawha, WV	warm	Rowan, KY	11
Charleston, WV	Kanawha, WV	warm	Russell, VA	2
Charleston, WV	Kanawha, WV	warm	Scioto, OH	11
Charleston, WV	Kanawha, WV	warm	Scott, VA	1
Charleston, WV	Kanawha, WV	warm	Smyth, VA	4
Charleston, WV	Kanawha, WV	warm	Staunton (City), VA	5
Charleston, WV	Kanawha, WV	warm	Summers, WV	15
Charleston, WV	Kanawha, WV	warm	Taylor, WV	10
Charleston, WV	Kanawha, WV	warm	Tazewell, VA	6
Charleston, WV	Kanawha, WV	warm	Tucker, WV	5
Charleston, WV	Kanawha, WV	warm	Tyler, WV	28
Charleston, WV	Kanawha, WV	warm	Upshur, WV	12
Charleston, WV	Kanawha, WV	warm	Vinton, OH	6
Charleston, WV	Kanawha, WV	warm	Washington, OH	20

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Charleston, WV	Kanawha, WV	warm	Washington, VA	2
Charleston, WV	Kanawha, WV	warm	Wayne, WV	35
Charleston, WV	Kanawha, WV	warm	Waynesboro (City), VA	5
Charleston, WV	Kanawha, WV	warm	Webster, WV	11
Charleston, WV	Kanawha, WV	warm	Wetzel, WV	23
Charleston, WV	Kanawha, WV	warm	Wirt, WV	42
Charleston, WV	Kanawha, WV	warm	Wise, VA	2
Charleston, WV	Kanawha, WV	warm	Wolfe, KY	4
Charleston, WV	Kanawha, WV	warm	Wood, WV	28
Charleston, WV	Kanawha, WV	warm	Wyoming, WV	22
Charleston, WV	Kanawha, WV	warm	Wythe, VA	10
Chattanooga, TN	Hamilton, TN	cold	Anderson, TN	13
Chattanooga, TN	Hamilton, TN	cold	Bartow, GA	64
Chattanooga, TN	Hamilton, TN	cold	Bedford, TN	6
Chattanooga, TN	Hamilton, TN	cold	Bledsoe, TN	22
Chattanooga, TN	Hamilton, TN	cold	Blount, AL	30
Chattanooga, TN	Hamilton, TN	cold	Blount, TN	16
Chattanooga, TN	Hamilton, TN	cold	Bradley, TN	64
Chattanooga, TN	Hamilton, TN	cold	Calhoun, AL	30
Chattanooga, TN	Hamilton, TN	cold	Campbell, TN	9
Chattanooga, TN	Hamilton, TN	cold	Cannon, TN	5
Chattanooga, TN	Hamilton, TN	cold	Carroll, GA	37
Chattanooga, TN	Hamilton, TN	cold	Catoosa, GA	100
Chattanooga, TN	Hamilton, TN	cold	Chattooga, GA	80
Chattanooga, TN	Hamilton, TN	cold	Cherokee, AL	54
Chattanooga, TN	Hamilton, TN	cold	Cherokee, GA	48
Chattanooga, TN	Hamilton, TN	cold	Cherokee, NC	15
Chattanooga, TN	Hamilton, TN	cold	Claiborne, TN	13
Chattanooga, TN	Hamilton, TN	cold	Clay, AL	14
Chattanooga, TN	Hamilton, TN	cold	Clay, NC	11
Chattanooga, TN	Hamilton, TN	cold	Clay, TN	2
Chattanooga, TN	Hamilton, TN	cold	Clayton, GA	38
Chattanooga, TN	Hamilton, TN	cold	Cleburne, AL	30
Chattanooga, TN	Hamilton, TN	cold	Clinton, KY	2
Chattanooga, TN	Hamilton, TN	cold	Cobb, GA	48
Chattanooga, TN	Hamilton, TN	cold	Cocke, TN	12
Chattanooga, TN	Hamilton, TN	cold	Coffee, TN	11
Chattanooga, TN	Hamilton, TN	cold	Coweta, GA	31
Chattanooga, TN	Hamilton, TN	cold	Cullman, AL	28
Chattanooga, TN	Hamilton, TN	cold	Cumberland, TN	7
Chattanooga, TN	Hamilton, TN	cold	Dade, GA	87
Chattanooga, TN	Hamilton, TN	cold	Davidson, TN	2
Chattanooga, TN	Hamilton, TN	cold	Dawson, GA	32
Chattanooga, TN	Hamilton, TN	cold	De Kalb, TN	4
Chattanooga, TN	Hamilton, TN	cold	DeKalb, AL	60
Chattanooga, TN	Hamilton, TN	cold	DeKalb, GA	35
Chattanooga, TN	Hamilton, TN	cold	Douglas, GA	46
Chattanooga, TN	Hamilton, TN	cold	Etowah, AL	40
Chattanooga, TN	Hamilton, TN	cold	Fannin, GA	35

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chattanooga, TN	Hamilton, TN	cold	Fayette, GA	36
Chattanooga, TN	Hamilton, TN	cold	Fentress, TN	3
Chattanooga, TN	Hamilton, TN	cold	Floyd, GA	68
Chattanooga, TN	Hamilton, TN	cold	Forsyth, GA	30
Chattanooga, TN	Hamilton, TN	cold	Franklin, TN	26
Chattanooga, TN	Hamilton, TN	cold	Fulton, GA	41
Chattanooga, TN	Hamilton, TN	cold	Giles, TN	6
Chattanooga, TN	Hamilton, TN	cold	Gilmer, GA	47
Chattanooga, TN	Hamilton, TN	cold	Gordon, GA	78
Chattanooga, TN	Hamilton, TN	cold	Graham, NC	10
Chattanooga, TN	Hamilton, TN	cold	Grainger, TN	17
Chattanooga, TN	Hamilton, TN	cold	Grundy, TN	28
Chattanooga, TN	Hamilton, TN	cold	Gwinnett, GA	26
Chattanooga, TN	Hamilton, TN	cold	Hall, GA	22
Chattanooga, TN	Hamilton, TN	cold	Hamblen, TN	16
Chattanooga, TN	Hamilton, TN	cold	Hamilton, TN	72
Chattanooga, TN	Hamilton, TN	cold	Hancock, TN	12
Chattanooga, TN	Hamilton, TN	cold	Haralson, GA	43
Chattanooga, TN	Hamilton, TN	cold	Hawkins, TN	10
Chattanooga, TN	Hamilton, TN	cold	Haywood, NC	8
Chattanooga, TN	Hamilton, TN	cold	Jackson, AL	48
Chattanooga, TN	Hamilton, TN	cold	Jackson, NC	9
Chattanooga, TN	Hamilton, TN	cold	Jackson, TN	3
Chattanooga, TN	Hamilton, TN	cold	Jefferson, AL	18
Chattanooga, TN	Hamilton, TN	cold	Jefferson, TN	18
Chattanooga, TN	Hamilton, TN	cold	Knox, TN	18
Chattanooga, TN	Hamilton, TN	cold	Lauderdale, AL	5
Chattanooga, TN	Hamilton, TN	cold	Lawrence, AL	15
Chattanooga, TN	Hamilton, TN	cold	Lawrence, TN	4
Chattanooga, TN	Hamilton, TN	cold	Limestone, AL	14
Chattanooga, TN	Hamilton, TN	cold	Lincoln, TN	13
Chattanooga, TN	Hamilton, TN	cold	Loudon, TN	16
Chattanooga, TN	Hamilton, TN	cold	Lumpkin, GA	25
Chattanooga, TN	Hamilton, TN	cold	Macon, NC	9
Chattanooga, TN	Hamilton, TN	cold	Macon, TN	3
Chattanooga, TN	Hamilton, TN	cold	Madison, AL	24
Chattanooga, TN	Hamilton, TN	cold	Marion, TN	59
Chattanooga, TN	Hamilton, TN	cold	Marshall, AL	39
Chattanooga, TN	Hamilton, TN	cold	Marshall, TN	5
Chattanooga, TN	Hamilton, TN	cold	Maury, TN	2
Chattanooga, TN	Hamilton, TN	cold	Mc Creary, KY	3
Chattanooga, TN	Hamilton, TN	cold	McMinn, TN	30
Chattanooga, TN	Hamilton, TN	cold	Meigs, TN	30
Chattanooga, TN	Hamilton, TN	cold	Monroe, TN	18
Chattanooga, TN	Hamilton, TN	cold	Moore, TN	13
Chattanooga, TN	Hamilton, TN	cold	Morgan, AL	25
Chattanooga, TN	Hamilton, TN	cold	Morgan, TN	6
Chattanooga, TN	Hamilton, TN	cold	Murray, GA	74
Chattanooga, TN	Hamilton, TN	cold	Oconee, SC	20

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chattanooga, TN	Hamilton, TN	cold	Overton, TN	3
Chattanooga, TN	Hamilton, TN	cold	Paulding, GA	52
Chattanooga, TN	Hamilton, TN	cold	Pickens, GA	50
Chattanooga, TN	Hamilton, TN	cold	Pickett, TN	2
Chattanooga, TN	Hamilton, TN	cold	Polk, GA	53
Chattanooga, TN	Hamilton, TN	cold	Polk, TN	39
Chattanooga, TN	Hamilton, TN	cold	Putnam, TN	4
Chattanooga, TN	Hamilton, TN	cold	Rabun, GA	16
Chattanooga, TN	Hamilton, TN	cold	Randolph, AL	18
Chattanooga, TN	Hamilton, TN	cold	Rhea, TN	23
Chattanooga, TN	Hamilton, TN	cold	Roane, TN	13
Chattanooga, TN	Hamilton, TN	cold	Rutherford, TN	3
Chattanooga, TN	Hamilton, TN	cold	Scott, TN	4
Chattanooga, TN	Hamilton, TN	cold	Sequatchie, TN	42
Chattanooga, TN	Hamilton, TN	cold	Sevier, TN	15
Chattanooga, TN	Hamilton, TN	cold	Shelby, AL	11
Chattanooga, TN	Hamilton, TN	cold	Smith, TN	3
Chattanooga, TN	Hamilton, TN	cold	St. Clair, AL	23
Chattanooga, TN	Hamilton, TN	cold	Sumner, TN	2
Chattanooga, TN	Hamilton, TN	cold	Swain, NC	9
Chattanooga, TN	Hamilton, TN	cold	Talladega, AL	15
Chattanooga, TN	Hamilton, TN	cold	Towns, GA	14
Chattanooga, TN	Hamilton, TN	cold	Trousdale, TN	3
Chattanooga, TN	Hamilton, TN	cold	Union, GA	18
Chattanooga, TN	Hamilton, TN	cold	Union, TN	16
Chattanooga, TN	Hamilton, TN	cold	Van Buren, TN	13
Chattanooga, TN	Hamilton, TN	cold	Walker, AL	24
Chattanooga, TN	Hamilton, TN	cold	Walker, GA	96
Chattanooga, TN	Hamilton, TN	cold	Warren, TN	10
Chattanooga, TN	Hamilton, TN	cold	Wayne, KY	2
Chattanooga, TN	Hamilton, TN	cold	White, GA	20
Chattanooga, TN	Hamilton, TN	cold	White, TN	6
Chattanooga, TN	Hamilton, TN	cold	Whitfield, GA	93
Chattanooga, TN	Hamilton, TN	cold	Whitley, KY	5
Chattanooga, TN	Hamilton, TN	cold	Williamson, TN	2
Chattanooga, TN	Hamilton, TN	cold	Wilson, TN	3
Chattanooga, TN	Hamilton, TN	cold	Winston, AL	21
Chattanooga, TN	Hamilton, TN	warm	Anderson, TN	14
Chattanooga, TN	Hamilton, TN	warm	Bartow, GA	25
Chattanooga, TN	Hamilton, TN	warm	Bedford, TN	12
Chattanooga, TN	Hamilton, TN	warm	Bledsoe, TN	35
Chattanooga, TN	Hamilton, TN	warm	Blount, AL	24
Chattanooga, TN	Hamilton, TN	warm	Blount, TN	9
Chattanooga, TN	Hamilton, TN	warm	Bradley, TN	59
Chattanooga, TN	Hamilton, TN	warm	Calhoun, AL	13
Chattanooga, TN	Hamilton, TN	warm	Campbell, TN	14
Chattanooga, TN	Hamilton, TN	warm	Cannon, TN	7
Chattanooga, TN	Hamilton, TN	warm	Carroll, GA	5
Chattanooga, TN	Hamilton, TN	warm	Catoosa, GA	89

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chattanooga, TN	Hamilton, TN	warm	Chattooga, GA	61
Chattanooga, TN	Hamilton, TN	warm	Cherokee, AL	35
Chattanooga, TN	Hamilton, TN	warm	Cherokee, GA	16
Chattanooga, TN	Hamilton, TN	warm	Cherokee, NC	9
Chattanooga, TN	Hamilton, TN	warm	Claiborne, TN	8
Chattanooga, TN	Hamilton, TN	warm	Clay, AL	3
Chattanooga, TN	Hamilton, TN	warm	Clay, NC	5
Chattanooga, TN	Hamilton, TN	warm	Clay, TN	10
Chattanooga, TN	Hamilton, TN	warm	Clayton, GA	2
Chattanooga, TN	Hamilton, TN	warm	Cleburne, AL	9
Chattanooga, TN	Hamilton, TN	warm	Clinton, KY	13
Chattanooga, TN	Hamilton, TN	warm	Cobb, GA	10
Chattanooga, TN	Hamilton, TN	warm	Cocke, TN	2
Chattanooga, TN	Hamilton, TN	warm	Coffee, TN	22
Chattanooga, TN	Hamilton, TN	warm	Coweta, GA	1
Chattanooga, TN	Hamilton, TN	warm	Cullman, AL	30
Chattanooga, TN	Hamilton, TN	warm	Cumberland, TN	20
Chattanooga, TN	Hamilton, TN	warm	Dade, GA	100
Chattanooga, TN	Hamilton, TN	warm	Davidson, TN	2
Chattanooga, TN	Hamilton, TN	warm	Dawson, GA	13
Chattanooga, TN	Hamilton, TN	warm	De Kalb, TN	7
Chattanooga, TN	Hamilton, TN	warm	DeKalb, AL	60
Chattanooga, TN	Hamilton, TN	warm	DeKalb, GA	5
Chattanooga, TN	Hamilton, TN	warm	Douglas, GA	5
Chattanooga, TN	Hamilton, TN	warm	Etowah, AL	26
Chattanooga, TN	Hamilton, TN	warm	Fannin, GA	22
Chattanooga, TN	Hamilton, TN	warm	Fayette, GA	1
Chattanooga, TN	Hamilton, TN	warm	Fentress, TN	17
Chattanooga, TN	Hamilton, TN	warm	Floyd, GA	36
Chattanooga, TN	Hamilton, TN	warm	Forsyth, GA	11
Chattanooga, TN	Hamilton, TN	warm	Franklin, TN	51
Chattanooga, TN	Hamilton, TN	warm	Fulton, GA	6
Chattanooga, TN	Hamilton, TN	warm	Giles, TN	14
Chattanooga, TN	Hamilton, TN	warm	Gilmer, GA	25
Chattanooga, TN	Hamilton, TN	warm	Gordon, GA	42
Chattanooga, TN	Hamilton, TN	warm	Graham, NC	5
Chattanooga, TN	Hamilton, TN	warm	Grainger, TN	6
Chattanooga, TN	Hamilton, TN	warm	Grundy, TN	48
Chattanooga, TN	Hamilton, TN	warm	Gwinnett, GA	7
Chattanooga, TN	Hamilton, TN	warm	Hall, GA	9
Chattanooga, TN	Hamilton, TN	warm	Hamblen, TN	3
Chattanooga, TN	Hamilton, TN	warm	Hamilton, TN	78
Chattanooga, TN	Hamilton, TN	warm	Hancock, TN	4
Chattanooga, TN	Hamilton, TN	warm	Haralson, GA	11
Chattanooga, TN	Hamilton, TN	warm	Hawkins, TN	2
Chattanooga, TN	Hamilton, TN	warm	Haywood, NC	2
Chattanooga, TN	Hamilton, TN	warm	Jackson, AL	71
Chattanooga, TN	Hamilton, TN	warm	Jackson, NC	3
Chattanooga, TN	Hamilton, TN	warm	Jackson, TN	9

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chattanooga, TN	Hamilton, TN	warm	Jefferson, AL	13
Chattanooga, TN	Hamilton, TN	warm	Jefferson, TN	4
Chattanooga, TN	Hamilton, TN	warm	Knox, TN	10
Chattanooga, TN	Hamilton, TN	warm	Lauderdale, AL	15
Chattanooga, TN	Hamilton, TN	warm	Lawrence, AL	29
Chattanooga, TN	Hamilton, TN	warm	Lawrence, TN	10
Chattanooga, TN	Hamilton, TN	warm	Limestone, AL	28
Chattanooga, TN	Hamilton, TN	warm	Lincoln, TN	27
Chattanooga, TN	Hamilton, TN	warm	Loudon, TN	16
Chattanooga, TN	Hamilton, TN	warm	Lumpkin, GA	10
Chattanooga, TN	Hamilton, TN	warm	Macon, NC	3
Chattanooga, TN	Hamilton, TN	warm	Macon, TN	4
Chattanooga, TN	Hamilton, TN	warm	Madison, AL	42
Chattanooga, TN	Hamilton, TN	warm	Marion, TN	85
Chattanooga, TN	Hamilton, TN	warm	Marshall, AL	42
Chattanooga, TN	Hamilton, TN	warm	Marshall, TN	10
Chattanooga, TN	Hamilton, TN	warm	Maury, TN	6
Chattanooga, TN	Hamilton, TN	warm	Mc Creary, KY	14
Chattanooga, TN	Hamilton, TN	warm	McMinn, TN	29
Chattanooga, TN	Hamilton, TN	warm	Meigs, TN	35
Chattanooga, TN	Hamilton, TN	warm	Monroe, TN	14
Chattanooga, TN	Hamilton, TN	warm	Moore, TN	28
Chattanooga, TN	Hamilton, TN	warm	Morgan, AL	37
Chattanooga, TN	Hamilton, TN	warm	Morgan, TN	18
Chattanooga, TN	Hamilton, TN	warm	Murray, GA	50
Chattanooga, TN	Hamilton, TN	warm	Oconee, SC	7
Chattanooga, TN	Hamilton, TN	warm	Overton, TN	14
Chattanooga, TN	Hamilton, TN	warm	Paulding, GA	12
Chattanooga, TN	Hamilton, TN	warm	Pickens, GA	21
Chattanooga, TN	Hamilton, TN	warm	Pickett, TN	15
Chattanooga, TN	Hamilton, TN	warm	Polk, GA	19
Chattanooga, TN	Hamilton, TN	warm	Polk, TN	31
Chattanooga, TN	Hamilton, TN	warm	Putnam, TN	12
Chattanooga, TN	Hamilton, TN	warm	Rabun, GA	5
Chattanooga, TN	Hamilton, TN	warm	Randolph, AL	2
Chattanooga, TN	Hamilton, TN	warm	Rhea, TN	32
Chattanooga, TN	Hamilton, TN	warm	Roane, TN	19
Chattanooga, TN	Hamilton, TN	warm	Rutherford, TN	4
Chattanooga, TN	Hamilton, TN	warm	Scott, TN	16
Chattanooga, TN	Hamilton, TN	warm	Sequatchie, TN	59
Chattanooga, TN	Hamilton, TN	warm	Sevier, TN	4
Chattanooga, TN	Hamilton, TN	warm	Shelby, AL	6
Chattanooga, TN	Hamilton, TN	warm	Smith, TN	5
Chattanooga, TN	Hamilton, TN	warm	St. Clair, AL	14
Chattanooga, TN	Hamilton, TN	warm	Sumner, TN	2
Chattanooga, TN	Hamilton, TN	warm	Swain, NC	3
Chattanooga, TN	Hamilton, TN	warm	Talladega, AL	6
Chattanooga, TN	Hamilton, TN	warm	Towns, GA	5
Chattanooga, TN	Hamilton, TN	warm	Trousdale, TN	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chattanooga, TN	Hamilton, TN	warm	Union, GA	8
Chattanooga, TN	Hamilton, TN	warm	Union, TN	10
Chattanooga, TN	Hamilton, TN	warm	Van Buren, TN	24
Chattanooga, TN	Hamilton, TN	warm	Walker, AL	21
Chattanooga, TN	Hamilton, TN	warm	Walker, GA	87
Chattanooga, TN	Hamilton, TN	warm	Warren, TN	18
Chattanooga, TN	Hamilton, TN	warm	Wayne, KY	13
Chattanooga, TN	Hamilton, TN	warm	White, GA	7
Chattanooga, TN	Hamilton, TN	warm	White, TN	15
Chattanooga, TN	Hamilton, TN	warm	Whitfield, GA	70
Chattanooga, TN	Hamilton, TN	warm	Whitley, KY	12
Chattanooga, TN	Hamilton, TN	warm	Williamson, TN	4
Chattanooga, TN	Hamilton, TN	warm	Wilson, TN	3
Chattanooga, TN	Hamilton, TN	warm	Winston, AL	28
Chicago, IL	Cook, IL	cold	Benton, IN	36
Chicago, IL	Cook, IL	cold	Berrien, MI	33
Chicago, IL	Cook, IL	cold	Boone, IL	10
Chicago, IL	Cook, IL	cold	Bureau, IL	15
Chicago, IL	Cook, IL	cold	Carroll, IL	6
Chicago, IL	Cook, IL	cold	Carroll, IN	37
Chicago, IL	Cook, IL	cold	Cass, IN	32
Chicago, IL	Cook, IL	cold	Cass, MI	18
Chicago, IL	Cook, IL	cold	Champaign, IL	16
Chicago, IL	Cook, IL	cold	Clinton, IA	6
Chicago, IL	Cook, IL	cold	Clinton, IN	34
Chicago, IL	Cook, IL	cold	Columbia, WI	1
Chicago, IL	Cook, IL	cold	Cook, IL	97
Chicago, IL	Cook, IL	cold	Dane, WI	2
Chicago, IL	Cook, IL	cold	De Witt, IL	16
Chicago, IL	Cook, IL	cold	DeKalb, IL	25
Chicago, IL	Cook, IL	cold	Dodge, WI	2
Chicago, IL	Cook, IL	cold	Douglas, IL	10
Chicago, IL	Cook, IL	cold	DuPage, IL	81
Chicago, IL	Cook, IL	cold	Edgar, IL	10
Chicago, IL	Cook, IL	cold	Elkhart, IN	17
Chicago, IL	Cook, IL	cold	Fond du Lac, WI	1
Chicago, IL	Cook, IL	cold	Ford, IL	31
Chicago, IL	Cook, IL	cold	Fountain, IN	24
Chicago, IL	Cook, IL	cold	Fulton, IN	30
Chicago, IL	Cook, IL	cold	Green Lake, WI	1
Chicago, IL	Cook, IL	cold	Green, WI	2
Chicago, IL	Cook, IL	cold	Grundy, IL	56
Chicago, IL	Cook, IL	cold	Henry, IL	10
Chicago, IL	Cook, IL	cold	Howard, IN	26
Chicago, IL	Cook, IL	cold	Iowa, WI	1
Chicago, IL	Cook, IL	cold	Iroquois, IL	40
Chicago, IL	Cook, IL	cold	Jackson, IA	5
Chicago, IL	Cook, IL	cold	Jasper, IN	58
Chicago, IL	Cook, IL	cold	Jefferson, WI	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chicago, IL	Cook, IL	cold	Jo Daviess, IL	3
Chicago, IL	Cook, IL	cold	Kane, IL	42
Chicago, IL	Cook, IL	cold	Kankakee, IL	72
Chicago, IL	Cook, IL	cold	Kendall, IL	58
Chicago, IL	Cook, IL	cold	Kenosha, WI	15
Chicago, IL	Cook, IL	cold	Kosciusko, IN	18
Chicago, IL	Cook, IL	cold	La Salle, IL	30
Chicago, IL	Cook, IL	cold	Lafayette, WI	2
Chicago, IL	Cook, IL	cold	Lake, IL	35
Chicago, IL	Cook, IL	cold	Lake, IN	100
Chicago, IL	Cook, IL	cold	LaPorte, IN	59
Chicago, IL	Cook, IL	cold	Lee, IL	14
Chicago, IL	Cook, IL	cold	Livingston, IL	35
Chicago, IL	Cook, IL	cold	Logan, IL	13
Chicago, IL	Cook, IL	cold	Marshall, IL	18
Chicago, IL	Cook, IL	cold	Marshall, IN	31
Chicago, IL	Cook, IL	cold	McHenry, IL	19
Chicago, IL	Cook, IL	cold	McLean, IL	20
Chicago, IL	Cook, IL	cold	Miami, IN	23
Chicago, IL	Cook, IL	cold	Milwaukee, WI	6
Chicago, IL	Cook, IL	cold	Montgomery, IN	29
Chicago, IL	Cook, IL	cold	Newton, IN	55
Chicago, IL	Cook, IL	cold	Ogle, IL	9
Chicago, IL	Cook, IL	cold	Ozaukee, WI	2
Chicago, IL	Cook, IL	cold	Peoria, IL	12
Chicago, IL	Cook, IL	cold	Piatt, IL	14
Chicago, IL	Cook, IL	cold	Porter, IN	84
Chicago, IL	Cook, IL	cold	Pulaski, IN	45
Chicago, IL	Cook, IL	cold	Putnam, IL	19
Chicago, IL	Cook, IL	cold	Racine, WI	9
Chicago, IL	Cook, IL	cold	Rock Island, IL	7
Chicago, IL	Cook, IL	cold	Rock, WI	4
Chicago, IL	Cook, IL	cold	Sauk, WI	1
Chicago, IL	Cook, IL	cold	Sheboygan, WI	1
Chicago, IL	Cook, IL	cold	St. Joseph, IN	32
Chicago, IL	Cook, IL	cold	Stark, IL	12
Chicago, IL	Cook, IL	cold	Starke, IN	48
Chicago, IL	Cook, IL	cold	Stephenson, IL	4
Chicago, IL	Cook, IL	cold	Tazewell, IL	13
Chicago, IL	Cook, IL	cold	Tippecanoe, IN	35
Chicago, IL	Cook, IL	cold	Van Buren, MI	14
Chicago, IL	Cook, IL	cold	Vermilion, IL	18
Chicago, IL	Cook, IL	cold	Vermillion, IN	15
Chicago, IL	Cook, IL	cold	Wabash, IN	17
Chicago, IL	Cook, IL	cold	Walworth, WI	7
Chicago, IL	Cook, IL	cold	Warren, IN	26
Chicago, IL	Cook, IL	cold	Washington, WI	2
Chicago, IL	Cook, IL	cold	Waukesha, WI	4
Chicago, IL	Cook, IL	cold	White, IN	42

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chicago, IL	Cook, IL	cold	Whiteside, IL	9
Chicago, IL	Cook, IL	cold	Will, IL	92
Chicago, IL	Cook, IL	cold	Winnebago, IL	6
Chicago, IL	Cook, IL	cold	Woodford, IL	19
Chicago, IL	Cook, IL	warm	Benton, IN	57
Chicago, IL	Cook, IL	warm	Berrien, MI	17
Chicago, IL	Cook, IL	warm	Boone, IL	2
Chicago, IL	Cook, IL	warm	Bureau, IL	2
Chicago, IL	Cook, IL	warm	Carroll, IL	1
Chicago, IL	Cook, IL	warm	Carroll, IN	41
Chicago, IL	Cook, IL	warm	Cass, IN	39
Chicago, IL	Cook, IL	warm	Cass, MI	8
Chicago, IL	Cook, IL	warm	Champaign, IL	17
Chicago, IL	Cook, IL	warm	Clinton, IA	1
Chicago, IL	Cook, IL	warm	Clinton, IN	36
Chicago, IL	Cook, IL	warm	Columbia, WI	0
Chicago, IL	Cook, IL	warm	Cook, IL	72
Chicago, IL	Cook, IL	warm	Dane, WI	0
Chicago, IL	Cook, IL	warm	De Witt, IL	6
Chicago, IL	Cook, IL	warm	DeKalb, IL	7
Chicago, IL	Cook, IL	warm	Dodge, WI	0
Chicago, IL	Cook, IL	warm	Douglas, IL	11
Chicago, IL	Cook, IL	warm	DuPage, IL	50
Chicago, IL	Cook, IL	warm	Edgar, IL	14
Chicago, IL	Cook, IL	warm	Elkhart, IN	12
Chicago, IL	Cook, IL	warm	Fond du Lac, WI	0
Chicago, IL	Cook, IL	warm	Ford, IL	26
Chicago, IL	Cook, IL	warm	Fountain, IN	38
Chicago, IL	Cook, IL	warm	Fulton, IN	41
Chicago, IL	Cook, IL	warm	Green Lake, WI	0
Chicago, IL	Cook, IL	warm	Green, WI	0
Chicago, IL	Cook, IL	warm	Grundy, IL	28
Chicago, IL	Cook, IL	warm	Henry, IL	1
Chicago, IL	Cook, IL	warm	Howard, IN	31
Chicago, IL	Cook, IL	warm	Iowa, WI	0
Chicago, IL	Cook, IL	warm	Iroquois, IL	48
Chicago, IL	Cook, IL	warm	Jackson, IA	0
Chicago, IL	Cook, IL	warm	Jasper, IN	69
Chicago, IL	Cook, IL	warm	Jefferson, WI	0
Chicago, IL	Cook, IL	warm	Jo Daviess, IL	0
Chicago, IL	Cook, IL	warm	Kane, IL	17
Chicago, IL	Cook, IL	warm	Kankakee, IL	60
Chicago, IL	Cook, IL	warm	Kendall, IL	28
Chicago, IL	Cook, IL	warm	Kenosha, WI	1
Chicago, IL	Cook, IL	warm	Kosciusko, IN	25
Chicago, IL	Cook, IL	warm	La Salle, IL	8
Chicago, IL	Cook, IL	warm	Lafayette, WI	0
Chicago, IL	Cook, IL	warm	Lake, IL	8
Chicago, IL	Cook, IL	warm	Lake, IN	100

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chicago, IL	Cook, IL	warm	LaPorte, IN	56
Chicago, IL	Cook, IL	warm	Lee, IL	2
Chicago, IL	Cook, IL	warm	Livingston, IL	18
Chicago, IL	Cook, IL	warm	Logan, IL	4
Chicago, IL	Cook, IL	warm	Marshall, IL	4
Chicago, IL	Cook, IL	warm	Marshall, IN	35
Chicago, IL	Cook, IL	warm	McHenry, IL	4
Chicago, IL	Cook, IL	warm	McLean, IL	8
Chicago, IL	Cook, IL	warm	Miami, IN	35
Chicago, IL	Cook, IL	warm	Milwaukee, WI	0
Chicago, IL	Cook, IL	warm	Montgomery, IN	35
Chicago, IL	Cook, IL	warm	Newton, IN	66
Chicago, IL	Cook, IL	warm	Ogle, IL	1
Chicago, IL	Cook, IL	warm	Ozaukee, WI	0
Chicago, IL	Cook, IL	warm	Peoria, IL	3
Chicago, IL	Cook, IL	warm	Piatt, IL	8
Chicago, IL	Cook, IL	warm	Porter, IN	87
Chicago, IL	Cook, IL	warm	Pulaski, IN	55
Chicago, IL	Cook, IL	warm	Putnam, IL	4
Chicago, IL	Cook, IL	warm	Racine, WI	0
Chicago, IL	Cook, IL	warm	Rock Island, IL	1
Chicago, IL	Cook, IL	warm	Rock, WI	0
Chicago, IL	Cook, IL	warm	Sauk, WI	0
Chicago, IL	Cook, IL	warm	Sheboygan, WI	0
Chicago, IL	Cook, IL	warm	St. Joseph, IN	23
Chicago, IL	Cook, IL	warm	Stark, IL	3
Chicago, IL	Cook, IL	warm	Starke, IN	56
Chicago, IL	Cook, IL	warm	Stephenson, IL	0
Chicago, IL	Cook, IL	warm	Tazewell, IL	3
Chicago, IL	Cook, IL	warm	Tippecanoe, IN	46
Chicago, IL	Cook, IL	warm	Van Buren, MI	5
Chicago, IL	Cook, IL	warm	Vermilion, IL	31
Chicago, IL	Cook, IL	warm	Vermillion, IN	21
Chicago, IL	Cook, IL	warm	Wabash, IN	34
Chicago, IL	Cook, IL	warm	Walworth, WI	0
Chicago, IL	Cook, IL	warm	Warren, IN	47
Chicago, IL	Cook, IL	warm	Washington, WI	0
Chicago, IL	Cook, IL	warm	Waukesha, WI	0
Chicago, IL	Cook, IL	warm	White, IN	52
Chicago, IL	Cook, IL	warm	Whiteside, IL	1
Chicago, IL	Cook, IL	warm	Will, IL	68
Chicago, IL	Cook, IL	warm	Winnebago, IL	1
Chicago, IL	Cook, IL	warm	Woodford, IL	5
Chicago, IL	Lake, IN	cold	Benton, IN	28
Chicago, IL	Lake, IN	cold	Berrien, MI	27
Chicago, IL	Lake, IN	cold	Boone, IL	9
Chicago, IL	Lake, IN	cold	Bureau, IL	17
Chicago, IL	Lake, IN	cold	Carroll, IL	7
Chicago, IL	Lake, IN	cold	Carroll, IN	17

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chicago, IL	Lake, IN	cold	Cass, IN	17
Chicago, IL	Lake, IN	cold	Cass, MI	13
Chicago, IL	Lake, IN	cold	Champaign, IL	21
Chicago, IL	Lake, IN	cold	Clinton, IA	7
Chicago, IL	Lake, IN	cold	Clinton, IN	12
Chicago, IL	Lake, IN	cold	Columbia, WI	2
Chicago, IL	Lake, IN	cold	Cook, IL	89
Chicago, IL	Lake, IN	cold	Dane, WI	2
Chicago, IL	Lake, IN	cold	De Witt, IL	20
Chicago, IL	Lake, IN	cold	DeKalb, IL	25
Chicago, IL	Lake, IN	cold	Dodge, WI	2
Chicago, IL	Lake, IN	cold	Douglas, IL	14
Chicago, IL	Lake, IN	cold	DuPage, IL	71
Chicago, IL	Lake, IN	cold	Edgar, IL	9
Chicago, IL	Lake, IN	cold	Elkhart, IN	11
Chicago, IL	Lake, IN	cold	Fond du Lac, WI	1
Chicago, IL	Lake, IN	cold	Ford, IL	36
Chicago, IL	Lake, IN	cold	Fountain, IN	12
Chicago, IL	Lake, IN	cold	Fulton, IN	20
Chicago, IL	Lake, IN	cold	Green Lake, WI	1
Chicago, IL	Lake, IN	cold	Green, WI	2
Chicago, IL	Lake, IN	cold	Grundy, IL	56
Chicago, IL	Lake, IN	cold	Henry, IL	12
Chicago, IL	Lake, IN	cold	Howard, IN	12
Chicago, IL	Lake, IN	cold	Iowa, WI	1
Chicago, IL	Lake, IN	cold	Iroquois, IL	44
Chicago, IL	Lake, IN	cold	Jackson, IA	5
Chicago, IL	Lake, IN	cold	Jasper, IN	53
Chicago, IL	Lake, IN	cold	Jefferson, WI	2
Chicago, IL	Lake, IN	cold	Jo Daviess, IL	4
Chicago, IL	Lake, IN	cold	Kane, IL	38
Chicago, IL	Lake, IN	cold	Kankakee, IL	77
Chicago, IL	Lake, IN	cold	Kendall, IL	55
Chicago, IL	Lake, IN	cold	Kenosha, WI	13
Chicago, IL	Lake, IN	cold	Kosciusko, IN	12
Chicago, IL	Lake, IN	cold	La Salle, IL	32
Chicago, IL	Lake, IN	cold	Lafayette, WI	2
Chicago, IL	Lake, IN	cold	Lake, IL	31
Chicago, IL	Lake, IN	cold	Lake, IN	100
Chicago, IL	Lake, IN	cold	LaPorte, IN	55
Chicago, IL	Lake, IN	cold	Lee, IL	16
Chicago, IL	Lake, IN	cold	Livingston, IL	39
Chicago, IL	Lake, IN	cold	Logan, IL	17
Chicago, IL	Lake, IN	cold	Marshall, IL	22
Chicago, IL	Lake, IN	cold	Marshall, IN	23
Chicago, IL	Lake, IN	cold	McHenry, IL	18
Chicago, IL	Lake, IN	cold	McLean, IL	24
Chicago, IL	Lake, IN	cold	Miami, IN	13
Chicago, IL	Lake, IN	cold	Milwaukee, WI	4

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chicago, IL	Lake, IN	cold	Montgomery, IN	10
Chicago, IL	Lake, IN	cold	Newton, IN	55
Chicago, IL	Lake, IN	cold	Ogle, IL	10
Chicago, IL	Lake, IN	cold	Ozaukee, WI	2
Chicago, IL	Lake, IN	cold	Peoria, IL	16
Chicago, IL	Lake, IN	cold	Piatt, IL	19
Chicago, IL	Lake, IN	cold	Porter, IN	82
Chicago, IL	Lake, IN	cold	Pulaski, IN	34
Chicago, IL	Lake, IN	cold	Putnam, IL	23
Chicago, IL	Lake, IN	cold	Racine, WI	8
Chicago, IL	Lake, IN	cold	Rock Island, IL	9
Chicago, IL	Lake, IN	cold	Rock, WI	3
Chicago, IL	Lake, IN	cold	Sauk, WI	1
Chicago, IL	Lake, IN	cold	Sheboygan, WI	1
Chicago, IL	Lake, IN	cold	St. Joseph, IN	26
Chicago, IL	Lake, IN	cold	Stark, IL	15
Chicago, IL	Lake, IN	cold	Starke, IN	41
Chicago, IL	Lake, IN	cold	Stephenson, IL	4
Chicago, IL	Lake, IN	cold	Tazewell, IL	18
Chicago, IL	Lake, IN	cold	Tippecanoe, IN	16
Chicago, IL	Lake, IN	cold	Van Buren, MI	9
Chicago, IL	Lake, IN	cold	Vermilion, IL	18
Chicago, IL	Lake, IN	cold	Vermillion, IN	9
Chicago, IL	Lake, IN	cold	Wabash, IN	11
Chicago, IL	Lake, IN	cold	Walworth, WI	6
Chicago, IL	Lake, IN	cold	Warren, IN	19
Chicago, IL	Lake, IN	cold	Washington, WI	2
Chicago, IL	Lake, IN	cold	Waukesha, WI	3
Chicago, IL	Lake, IN	cold	White, IN	27
Chicago, IL	Lake, IN	cold	Whiteside, IL	10
Chicago, IL	Lake, IN	cold	Will, IL	90
Chicago, IL	Lake, IN	cold	Winnebago, IL	6
Chicago, IL	Lake, IN	cold	Woodford, IL	23
Chicago, IL	Lake, IN	warm	Benton, IN	60
Chicago, IL	Lake, IN	warm	Berrien, MI	19
Chicago, IL	Lake, IN	warm	Boone, IL	2
Chicago, IL	Lake, IN	warm	Bureau, IL	3
Chicago, IL	Lake, IN	warm	Carroll, IL	1
Chicago, IL	Lake, IN	warm	Carroll, IN	42
Chicago, IL	Lake, IN	warm	Cass, IN	39
Chicago, IL	Lake, IN	warm	Cass, MI	12
Chicago, IL	Lake, IN	warm	Champaign, IL	31
Chicago, IL	Lake, IN	warm	Clinton, IA	2
Chicago, IL	Lake, IN	warm	Clinton, IN	35
Chicago, IL	Lake, IN	warm	Columbia, WI	0
Chicago, IL	Lake, IN	warm	Cook, IL	59
Chicago, IL	Lake, IN	warm	Dane, WI	0
Chicago, IL	Lake, IN	warm	De Witt, IL	17
Chicago, IL	Lake, IN	warm	DeKalb, IL	8

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chicago, IL	Lake, IN	warm	Dodge, WI	0
Chicago, IL	Lake, IN	warm	Douglas, IL	23
Chicago, IL	Lake, IN	warm	DuPage, IL	40
Chicago, IL	Lake, IN	warm	Edgar, IL	25
Chicago, IL	Lake, IN	warm	Elkhart, IN	17
Chicago, IL	Lake, IN	warm	Fond du Lac, WI	0
Chicago, IL	Lake, IN	warm	Ford, IL	37
Chicago, IL	Lake, IN	warm	Fountain, IN	44
Chicago, IL	Lake, IN	warm	Fulton, IN	41
Chicago, IL	Lake, IN	warm	Green Lake, WI	0
Chicago, IL	Lake, IN	warm	Green, WI	0
Chicago, IL	Lake, IN	warm	Grundy, IL	32
Chicago, IL	Lake, IN	warm	Henry, IL	2
Chicago, IL	Lake, IN	warm	Howard, IN	30
Chicago, IL	Lake, IN	warm	Iowa, WI	0
Chicago, IL	Lake, IN	warm	Iroquois, IL	56
Chicago, IL	Lake, IN	warm	Jackson, IA	1
Chicago, IL	Lake, IN	warm	Jasper, IN	77
Chicago, IL	Lake, IN	warm	Jefferson, WI	0
Chicago, IL	Lake, IN	warm	Jo Daviess, IL	1
Chicago, IL	Lake, IN	warm	Kane, IL	16
Chicago, IL	Lake, IN	warm	Kankakee, IL	69
Chicago, IL	Lake, IN	warm	Kendall, IL	27
Chicago, IL	Lake, IN	warm	Kenosha, WI	2
Chicago, IL	Lake, IN	warm	Kosciusko, IN	27
Chicago, IL	Lake, IN	warm	La Salle, IL	11
Chicago, IL	Lake, IN	warm	Lafayette, WI	0
Chicago, IL	Lake, IN	warm	Lake, IL	9
Chicago, IL	Lake, IN	warm	Lake, IN	100
Chicago, IL	Lake, IN	warm	LaPorte, IN	59
Chicago, IL	Lake, IN	warm	Lee, IL	3
Chicago, IL	Lake, IN	warm	Livingston, IL	26
Chicago, IL	Lake, IN	warm	Logan, IL	10
Chicago, IL	Lake, IN	warm	Marshall, IL	6
Chicago, IL	Lake, IN	warm	Marshall, IN	37
Chicago, IL	Lake, IN	warm	McHenry, IL	5
Chicago, IL	Lake, IN	warm	McLean, IL	17
Chicago, IL	Lake, IN	warm	Miami, IN	33
Chicago, IL	Lake, IN	warm	Milwaukee, WI	1
Chicago, IL	Lake, IN	warm	Montgomery, IN	37
Chicago, IL	Lake, IN	warm	Newton, IN	74
Chicago, IL	Lake, IN	warm	Ogle, IL	2
Chicago, IL	Lake, IN	warm	Ozaukee, WI	1
Chicago, IL	Lake, IN	warm	Peoria, IL	5
Chicago, IL	Lake, IN	warm	Piatt, IL	22
Chicago, IL	Lake, IN	warm	Porter, IN	88
Chicago, IL	Lake, IN	warm	Pulaski, IN	58
Chicago, IL	Lake, IN	warm	Putnam, IL	6
Chicago, IL	Lake, IN	warm	Racine, WI	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chicago, IL	Lake, IN	warm	Rock Island, IL	2
Chicago, IL	Lake, IN	warm	Rock, WI	0
Chicago, IL	Lake, IN	warm	Sauk, WI	0
Chicago, IL	Lake, IN	warm	Sheboygan, WI	0
Chicago, IL	Lake, IN	warm	St. Joseph, IN	28
Chicago, IL	Lake, IN	warm	Stark, IL	4
Chicago, IL	Lake, IN	warm	Starke, IN	59
Chicago, IL	Lake, IN	warm	Stephenson, IL	1
Chicago, IL	Lake, IN	warm	Tazewell, IL	7
Chicago, IL	Lake, IN	warm	Tippecanoe, IN	47
Chicago, IL	Lake, IN	warm	Van Buren, MI	6
Chicago, IL	Lake, IN	warm	Vermilion, IL	43
Chicago, IL	Lake, IN	warm	Vermillion, IN	31
Chicago, IL	Lake, IN	warm	Wabash, IN	32
Chicago, IL	Lake, IN	warm	Walworth, WI	1
Chicago, IL	Lake, IN	warm	Warren, IN	52
Chicago, IL	Lake, IN	warm	Washington, WI	0
Chicago, IL	Lake, IN	warm	Waukesha, WI	1
Chicago, IL	Lake, IN	warm	White, IN	56
Chicago, IL	Lake, IN	warm	Whiteside, IL	2
Chicago, IL	Lake, IN	warm	Will, IL	66
Chicago, IL	Lake, IN	warm	Winnebago, IL	1
Chicago, IL	Lake, IN	warm	Woodford, IL	9
Chicago, IL	Will, IL	cold	Benton, IN	44
Chicago, IL	Will, IL	cold	Berrien, MI	30
Chicago, IL	Will, IL	cold	Boone, IL	15
Chicago, IL	Will, IL	cold	Bureau, IL	34
Chicago, IL	Will, IL	cold	Carroll, IL	12
Chicago, IL	Will, IL	cold	Carroll, IN	41
Chicago, IL	Will, IL	cold	Cass, IN	32
Chicago, IL	Will, IL	cold	Cass, MI	16
Chicago, IL	Will, IL	cold	Champaign, IL	25
Chicago, IL	Will, IL	cold	Clinton, IA	18
Chicago, IL	Will, IL	cold	Clinton, IN	39
Chicago, IL	Will, IL	cold	Columbia, WI	1
Chicago, IL	Will, IL	cold	Cook, IL	93
Chicago, IL	Will, IL	cold	Dane, WI	1
Chicago, IL	Will, IL	cold	De Witt, IL	19
Chicago, IL	Will, IL	cold	DeKalb, IL	37
Chicago, IL	Will, IL	cold	Dodge, WI	2
Chicago, IL	Will, IL	cold	Douglas, IL	19
Chicago, IL	Will, IL	cold	DuPage, IL	82
Chicago, IL	Will, IL	cold	Edgar, IL	14
Chicago, IL	Will, IL	cold	Elkhart, IN	12
Chicago, IL	Will, IL	cold	Fond du Lac, WI	1
Chicago, IL	Will, IL	cold	Ford, IL	41
Chicago, IL	Will, IL	cold	Fountain, IN	27
Chicago, IL	Will, IL	cold	Fulton, IN	27
Chicago, IL	Will, IL	cold	Green Lake, WI	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chicago, IL	Will, IL	cold	Green, WI	2
Chicago, IL	Will, IL	cold	Grundy, IL	70
Chicago, IL	Will, IL	cold	Henry, IL	30
Chicago, IL	Will, IL	cold	Howard, IN	26
Chicago, IL	Will, IL	cold	Iowa, WI	1
Chicago, IL	Will, IL	cold	Iroquois, IL	53
Chicago, IL	Will, IL	cold	Jackson, IA	9
Chicago, IL	Will, IL	cold	Jasper, IN	64
Chicago, IL	Will, IL	cold	Jefferson, WI	4
Chicago, IL	Will, IL	cold	Jo Daviess, IL	5
Chicago, IL	Will, IL	cold	Kane, IL	52
Chicago, IL	Will, IL	cold	Kankakee, IL	85
Chicago, IL	Will, IL	cold	Kendall, IL	71
Chicago, IL	Will, IL	cold	Kenosha, WI	20
Chicago, IL	Will, IL	cold	Kosciusko, IN	12
Chicago, IL	Will, IL	cold	La Salle, IL	46
Chicago, IL	Will, IL	cold	Lafayette, WI	2
Chicago, IL	Will, IL	cold	Lake, IL	39
Chicago, IL	Will, IL	cold	Lake, IN	100
Chicago, IL	Will, IL	cold	LaPorte, IN	54
Chicago, IL	Will, IL	cold	Lee, IL	28
Chicago, IL	Will, IL	cold	Livingston, IL	46
Chicago, IL	Will, IL	cold	Logan, IL	14
Chicago, IL	Will, IL	cold	Marshall, IL	33
Chicago, IL	Will, IL	cold	Marshall, IN	26
Chicago, IL	Will, IL	cold	McHenry, IL	25
Chicago, IL	Will, IL	cold	McLean, IL	25
Chicago, IL	Will, IL	cold	Miami, IN	20
Chicago, IL	Will, IL	cold	Milwaukee, WI	8
Chicago, IL	Will, IL	cold	Montgomery, IN	31
Chicago, IL	Will, IL	cold	Newton, IN	66
Chicago, IL	Will, IL	cold	Ogle, IL	17
Chicago, IL	Will, IL	cold	Ozaukee, WI	3
Chicago, IL	Will, IL	cold	Peoria, IL	22
Chicago, IL	Will, IL	cold	Piatt, IL	20
Chicago, IL	Will, IL	cold	Porter, IN	80
Chicago, IL	Will, IL	cold	Pulaski, IN	45
Chicago, IL	Will, IL	cold	Putnam, IL	37
Chicago, IL	Will, IL	cold	Racine, WI	13
Chicago, IL	Will, IL	cold	Rock Island, IL	29
Chicago, IL	Will, IL	cold	Rock, WI	5
Chicago, IL	Will, IL	cold	Sauk, WI	0
Chicago, IL	Will, IL	cold	Sheboygan, WI	1
Chicago, IL	Will, IL	cold	St. Joseph, IN	28
Chicago, IL	Will, IL	cold	Stark, IL	30
Chicago, IL	Will, IL	cold	Starke, IN	46
Chicago, IL	Will, IL	cold	Stephenson, IL	6
Chicago, IL	Will, IL	cold	Tazewell, IL	17
Chicago, IL	Will, IL	cold	Tippecanoe, IN	40

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chicago, IL	Will, IL	cold	Van Buren, MI	13
Chicago, IL	Will, IL	cold	Vermilion, IL	27
Chicago, IL	Will, IL	cold	Vermillion, IN	16
Chicago, IL	Will, IL	cold	Wabash, IN	12
Chicago, IL	Will, IL	cold	Walworth, WI	10
Chicago, IL	Will, IL	cold	Warren, IN	33
Chicago, IL	Will, IL	cold	Washington, WI	3
Chicago, IL	Will, IL	cold	Waukesha, WI	6
Chicago, IL	Will, IL	cold	White, IN	46
Chicago, IL	Will, IL	cold	Whiteside, IL	23
Chicago, IL	Will, IL	cold	Will, IL	99
Chicago, IL	Will, IL	cold	Winnebago, IL	10
Chicago, IL	Will, IL	cold	Woodford, IL	27
Chicago, IL	Will, IL	warm	Benton, IN	78
Chicago, IL	Will, IL	warm	Berrien, MI	16
Chicago, IL	Will, IL	warm	Boone, IL	3
Chicago, IL	Will, IL	warm	Bureau, IL	5
Chicago, IL	Will, IL	warm	Carroll, IL	2
Chicago, IL	Will, IL	warm	Carroll, IN	41
Chicago, IL	Will, IL	warm	Cass, IN	33
Chicago, IL	Will, IL	warm	Cass, MI	8
Chicago, IL	Will, IL	warm	Champaign, IL	55
Chicago, IL	Will, IL	warm	Clinton, IA	3
Chicago, IL	Will, IL	warm	Clinton, IN	35
Chicago, IL	Will, IL	warm	Columbia, WI	0
Chicago, IL	Will, IL	warm	Cook, IL	67
Chicago, IL	Will, IL	warm	Dane, WI	0
Chicago, IL	Will, IL	warm	De Witt, IL	30
Chicago, IL	Will, IL	warm	DeKalb, IL	14
Chicago, IL	Will, IL	warm	Dodge, WI	0
Chicago, IL	Will, IL	warm	Douglas, IL	43
Chicago, IL	Will, IL	warm	DuPage, IL	54
Chicago, IL	Will, IL	warm	Edgar, IL	47
Chicago, IL	Will, IL	warm	Elkhart, IN	11
Chicago, IL	Will, IL	warm	Fond du Lac, WI	0
Chicago, IL	Will, IL	warm	Ford, IL	64
Chicago, IL	Will, IL	warm	Fountain, IN	64
Chicago, IL	Will, IL	warm	Fulton, IN	31
Chicago, IL	Will, IL	warm	Green Lake, WI	0
Chicago, IL	Will, IL	warm	Green, WI	1
Chicago, IL	Will, IL	warm	Grundy, IL	56
Chicago, IL	Will, IL	warm	Henry, IL	4
Chicago, IL	Will, IL	warm	Howard, IN	25
Chicago, IL	Will, IL	warm	Iowa, WI	0
Chicago, IL	Will, IL	warm	Iroquois, IL	85
Chicago, IL	Will, IL	warm	Jackson, IA	2
Chicago, IL	Will, IL	warm	Jasper, IN	79
Chicago, IL	Will, IL	warm	Jefferson, WI	0
Chicago, IL	Will, IL	warm	Jo Daviess, IL	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chicago, IL	Will, IL	warm	Kane, IL	27
Chicago, IL	Will, IL	warm	Kankakee, IL	95
Chicago, IL	Will, IL	warm	Kendall, IL	46
Chicago, IL	Will, IL	warm	Kenosha, WI	3
Chicago, IL	Will, IL	warm	Kosciusko, IN	19
Chicago, IL	Will, IL	warm	La Salle, IL	20
Chicago, IL	Will, IL	warm	Lafayette, WI	1
Chicago, IL	Will, IL	warm	Lake, IL	14
Chicago, IL	Will, IL	warm	Lake, IN	100
Chicago, IL	Will, IL	warm	LaPorte, IN	48
Chicago, IL	Will, IL	warm	Lee, IL	5
Chicago, IL	Will, IL	warm	Livingston, IL	45
Chicago, IL	Will, IL	warm	Logan, IL	17
Chicago, IL	Will, IL	warm	Marshall, IL	10
Chicago, IL	Will, IL	warm	Marshall, IN	27
Chicago, IL	Will, IL	warm	McHenry, IL	8
Chicago, IL	Will, IL	warm	McLean, IL	30
Chicago, IL	Will, IL	warm	Miami, IN	25
Chicago, IL	Will, IL	warm	Milwaukee, WI	0
Chicago, IL	Will, IL	warm	Montgomery, IN	51
Chicago, IL	Will, IL	warm	Newton, IN	91
Chicago, IL	Will, IL	warm	Ogle, IL	3
Chicago, IL	Will, IL	warm	Ozaukee, WI	0
Chicago, IL	Will, IL	warm	Peoria, IL	7
Chicago, IL	Will, IL	warm	Piatt, IL	39
Chicago, IL	Will, IL	warm	Porter, IN	77
Chicago, IL	Will, IL	warm	Pulaski, IN	50
Chicago, IL	Will, IL	warm	Putnam, IL	9
Chicago, IL	Will, IL	warm	Racine, WI	1
Chicago, IL	Will, IL	warm	Rock Island, IL	3
Chicago, IL	Will, IL	warm	Rock, WI	0
Chicago, IL	Will, IL	warm	Sauk, WI	0
Chicago, IL	Will, IL	warm	Sheboygan, WI	0
Chicago, IL	Will, IL	warm	St. Joseph, IN	21
Chicago, IL	Will, IL	warm	Stark, IL	5
Chicago, IL	Will, IL	warm	Starke, IN	48
Chicago, IL	Will, IL	warm	Stephenson, IL	1
Chicago, IL	Will, IL	warm	Tazewell, IL	11
Chicago, IL	Will, IL	warm	Tippecanoe, IN	56
Chicago, IL	Will, IL	warm	Van Buren, MI	5
Chicago, IL	Will, IL	warm	Vermilion, IL	69
Chicago, IL	Will, IL	warm	Vermillion, IN	54
Chicago, IL	Will, IL	warm	Wabash, IN	23
Chicago, IL	Will, IL	warm	Walworth, WI	1
Chicago, IL	Will, IL	warm	Warren, IN	75
Chicago, IL	Will, IL	warm	Washington, WI	0
Chicago, IL	Will, IL	warm	Waukesha, WI	0
Chicago, IL	Will, IL	warm	White, IN	58
Chicago, IL	Will, IL	warm	Whiteside, IL	2

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chicago, IL	Will, IL	warm	Will, IL	88
Chicago, IL	Will, IL	warm	Winnebago, IL	2
Chicago, IL	Will, IL	warm	Woodford, IL	15
Chico, CA	Butte, CA	cold	Alameda, CA	0
Chico, CA	Butte, CA	cold	Alpine, CA	9
Chico, CA	Butte, CA	cold	Amador, CA	34
Chico, CA	Butte, CA	cold	Butte, CA	100
Chico, CA	Butte, CA	cold	Calaveras, CA	32
Chico, CA	Butte, CA	cold	Carson, NV	2
Chico, CA	Butte, CA	cold	Churchill, NV	0
Chico, CA	Butte, CA	cold	Colusa, CA	16
Chico, CA	Butte, CA	cold	Contra Costa, CA	1
Chico, CA	Butte, CA	cold	Crook, OR	0
Chico, CA	Butte, CA	cold	Curry, OR	0
Chico, CA	Butte, CA	cold	Del Norte, CA	0
Chico, CA	Butte, CA	cold	Deschutes, OR	0
Chico, CA	Butte, CA	cold	Douglas, NV	2
Chico, CA	Butte, CA	cold	Douglas, OR	0
Chico, CA	Butte, CA	cold	El Dorado, CA	25
Chico, CA	Butte, CA	cold	Elko, NV	0
Chico, CA	Butte, CA	cold	Esmeralda, NV	0
Chico, CA	Butte, CA	cold	Fresno, CA	0
Chico, CA	Butte, CA	cold	Glenn, CA	52
Chico, CA	Butte, CA	cold	Grant, OR	0
Chico, CA	Butte, CA	cold	Harney, OR	0
Chico, CA	Butte, CA	cold	Humboldt, CA	1
Chico, CA	Butte, CA	cold	Humboldt, NV	1
Chico, CA	Butte, CA	cold	Inyo, CA	0
Chico, CA	Butte, CA	cold	Jackson, OR	0
Chico, CA	Butte, CA	cold	Josephine, OR	0
Chico, CA	Butte, CA	cold	Klamath, OR	1
Chico, CA	Butte, CA	cold	Lake, CA	2
Chico, CA	Butte, CA	cold	Lake, OR	2
Chico, CA	Butte, CA	cold	Lander, NV	0
Chico, CA	Butte, CA	cold	Lane, OR	0
Chico, CA	Butte, CA	cold	Lassen, CA	13
Chico, CA	Butte, CA	cold	Lyon, NV	1
Chico, CA	Butte, CA	cold	Madera, CA	0
Chico, CA	Butte, CA	cold	Malheur, OR	0
Chico, CA	Butte, CA	cold	Marin, CA	0
Chico, CA	Butte, CA	cold	Mariposa, CA	2
Chico, CA	Butte, CA	cold	Mendocino, CA	1
Chico, CA	Butte, CA	cold	Merced, CA	1
Chico, CA	Butte, CA	cold	Mineral, NV	0
Chico, CA	Butte, CA	cold	Modoc, CA	9
Chico, CA	Butte, CA	cold	Mono, CA	1
Chico, CA	Butte, CA	cold	Napa, CA	1
Chico, CA	Butte, CA	cold	Nevada, CA	19
Chico, CA	Butte, CA	cold	Nye, NV	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Chico, CA	Butte, CA	cold	Owyhee, ID	0
Chico, CA	Butte, CA	cold	Pershing, NV	2
Chico, CA	Butte, CA	cold	Placer, CA	19
Chico, CA	Butte, CA	cold	Plumas, CA	23
Chico, CA	Butte, CA	cold	Sacramento, CA	17
Chico, CA	Butte, CA	cold	San Francisco, CA	0
Chico, CA	Butte, CA	cold	San Joaquin, CA	8
Chico, CA	Butte, CA	cold	Santa Clara, CA	0
Chico, CA	Butte, CA	cold	Shasta, CA	29
Chico, CA	Butte, CA	cold	Sierra, CA	9
Chico, CA	Butte, CA	cold	Siskiyou, CA	6
Chico, CA	Butte, CA	cold	Solano, CA	3
Chico, CA	Butte, CA	cold	Sonoma, CA	0
Chico, CA	Butte, CA	cold	Stanislaus, CA	4
Chico, CA	Butte, CA	cold	Storey, NV	2
Chico, CA	Butte, CA	cold	Sutter, CA	26
Chico, CA	Butte, CA	cold	Tehama, CA	66
Chico, CA	Butte, CA	cold	Trinity, CA	8
Chico, CA	Butte, CA	cold	Tuolumne, CA	13
Chico, CA	Butte, CA	cold	Washoe, NV	8
Chico, CA	Butte, CA	cold	Yolo, CA	7
Chico, CA	Butte, CA	cold	Yuba, CA	37
Cincinnati, OH	Butler, OH	cold	Adams, IN	5
Cincinnati, OH	Butler, OH	cold	Adams, OH	9
Cincinnati, OH	Butler, OH	cold	Anderson, KY	9
Cincinnati, OH	Butler, OH	cold	Auglaize, OH	13
Cincinnati, OH	Butler, OH	cold	Bartholomew, IN	21
Cincinnati, OH	Butler, OH	cold	Bath, KY	3
Cincinnati, OH	Butler, OH	cold	Blackford, IN	6
Cincinnati, OH	Butler, OH	cold	Boone, KY	63
Cincinnati, OH	Butler, OH	cold	Bourbon, KY	8
Cincinnati, OH	Butler, OH	cold	Bracken, KY	22
Cincinnati, OH	Butler, OH	cold	Brown, IN	18
Cincinnati, OH	Butler, OH	cold	Brown, OH	31
Cincinnati, OH	Butler, OH	cold	Butler, OH	97
Cincinnati, OH	Butler, OH	cold	Campbell, KY	66
Cincinnati, OH	Butler, OH	cold	Carroll, KY	31
Cincinnati, OH	Butler, OH	cold	Carter, KY	2
Cincinnati, OH	Butler, OH	cold	Champaign, OH	37
Cincinnati, OH	Butler, OH	cold	Clark, IN	24
Cincinnati, OH	Butler, OH	cold	Clark, KY	3
Cincinnati, OH	Butler, OH	cold	Clark, OH	47
Cincinnati, OH	Butler, OH	cold	Clermont, OH	66
Cincinnati, OH	Butler, OH	cold	Clinton, OH	58
Cincinnati, OH	Butler, OH	cold	Darke, OH	24
Cincinnati, OH	Butler, OH	cold	Dearborn, IN	58
Cincinnati, OH	Butler, OH	cold	Decatur, IN	26
Cincinnati, OH	Butler, OH	cold	Delaware, IN	8
Cincinnati, OH	Butler, OH	cold	Delaware, OH	21

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Cincinnati, OH	Butler, OH	cold	Fairfield, OH	6
Cincinnati, OH	Butler, OH	cold	Fayette, IN	29
Cincinnati, OH	Butler, OH	cold	Fayette, KY	6
Cincinnati, OH	Butler, OH	cold	Fayette, OH	31
Cincinnati, OH	Butler, OH	cold	Fleming, KY	5
Cincinnati, OH	Butler, OH	cold	Floyd, IN	22
Cincinnati, OH	Butler, OH	cold	Franklin, IN	48
Cincinnati, OH	Butler, OH	cold	Franklin, KY	14
Cincinnati, OH	Butler, OH	cold	Franklin, OH	17
Cincinnati, OH	Butler, OH	cold	Gallatin, KY	41
Cincinnati, OH	Butler, OH	cold	Grant, KY	33
Cincinnati, OH	Butler, OH	cold	Greene, OH	65
Cincinnati, OH	Butler, OH	cold	Greenup, KY	2
Cincinnati, OH	Butler, OH	cold	Hamilton, IN	7
Cincinnati, OH	Butler, OH	cold	Hamilton, OH	94
Cincinnati, OH	Butler, OH	cold	Hancock, IN	12
Cincinnati, OH	Butler, OH	cold	Hardin, OH	20
Cincinnati, OH	Butler, OH	cold	Harrison, KY	17
Cincinnati, OH	Butler, OH	cold	Henry, IN	13
Cincinnati, OH	Butler, OH	cold	Henry, KY	24
Cincinnati, OH	Butler, OH	cold	Highland, OH	28
Cincinnati, OH	Butler, OH	cold	Hocking, OH	5
Cincinnati, OH	Butler, OH	cold	Jackson, IN	19
Cincinnati, OH	Butler, OH	cold	Jackson, OH	4
Cincinnati, OH	Butler, OH	cold	Jay, IN	9
Cincinnati, OH	Butler, OH	cold	Jefferson, IN	29
Cincinnati, OH	Butler, OH	cold	Jefferson, KY	20
Cincinnati, OH	Butler, OH	cold	Jennings, IN	25
Cincinnati, OH	Butler, OH	cold	Jessamine, KY	4
Cincinnati, OH	Butler, OH	cold	Johnson, IN	16
Cincinnati, OH	Butler, OH	cold	Kenton, KY	64
Cincinnati, OH	Butler, OH	cold	Lawrence, IN	14
Cincinnati, OH	Butler, OH	cold	Lawrence, OH	3
Cincinnati, OH	Butler, OH	cold	Lewis, KY	4
Cincinnati, OH	Butler, OH	cold	Licking, OH	5
Cincinnati, OH	Butler, OH	cold	Logan, OH	28
Cincinnati, OH	Butler, OH	cold	Madison, IN	7
Cincinnati, OH	Butler, OH	cold	Madison, KY	2
Cincinnati, OH	Butler, OH	cold	Madison, OH	31
Cincinnati, OH	Butler, OH	cold	Marion, IN	11
Cincinnati, OH	Butler, OH	cold	Marion, OH	25
Cincinnati, OH	Butler, OH	cold	Mason, KY	11
Cincinnati, OH	Butler, OH	cold	Mercer, KY	5
Cincinnati, OH	Butler, OH	cold	Mercer, OH	10
Cincinnati, OH	Butler, OH	cold	Miami, OH	38
Cincinnati, OH	Butler, OH	cold	Monroe, IN	15
Cincinnati, OH	Butler, OH	cold	Montgomery, KY	3
Cincinnati, OH	Butler, OH	cold	Montgomery, OH	73
Cincinnati, OH	Butler, OH	cold	Nicholas, KY	8

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Cincinnati, OH	Butler, OH	cold	Ohio, IN	50
Cincinnati, OH	Butler, OH	cold	Oldham, KY	23
Cincinnati, OH	Butler, OH	cold	Owen, KY	26
Cincinnati, OH	Butler, OH	cold	Pendleton, KY	32
Cincinnati, OH	Butler, OH	cold	Pickaway, OH	13
Cincinnati, OH	Butler, OH	cold	Pike, OH	7
Cincinnati, OH	Butler, OH	cold	Preble, OH	60
Cincinnati, OH	Butler, OH	cold	Randolph, IN	15
Cincinnati, OH	Butler, OH	cold	Ripley, IN	36
Cincinnati, OH	Butler, OH	cold	Robertson, KY	13
Cincinnati, OH	Butler, OH	cold	Ross, OH	11
Cincinnati, OH	Butler, OH	cold	Rowan, KY	2
Cincinnati, OH	Butler, OH	cold	Rush, IN	19
Cincinnati, OH	Butler, OH	cold	Scioto, OH	4
Cincinnati, OH	Butler, OH	cold	Scott, IN	23
Cincinnati, OH	Butler, OH	cold	Scott, KY	14
Cincinnati, OH	Butler, OH	cold	Shelby, IN	18
Cincinnati, OH	Butler, OH	cold	Shelby, KY	16
Cincinnati, OH	Butler, OH	cold	Shelby, OH	22
Cincinnati, OH	Butler, OH	cold	Switzerland, IN	40
Cincinnati, OH	Butler, OH	cold	Trimble, KY	28
Cincinnati, OH	Butler, OH	cold	Union, IN	48
Cincinnati, OH	Butler, OH	cold	Union, OH	31
Cincinnati, OH	Butler, OH	cold	Van Wert, OH	5
Cincinnati, OH	Butler, OH	cold	Vinton, OH	5
Cincinnati, OH	Butler, OH	cold	Warren, OH	100
Cincinnati, OH	Butler, OH	cold	Washington, IN	18
Cincinnati, OH	Butler, OH	cold	Wayne, IN	26
Cincinnati, OH	Butler, OH	cold	Wells, IN	4
Cincinnati, OH	Butler, OH	cold	Woodford, KY	8
Cincinnati, OH	Butler, OH	warm	Adams, IN	8
Cincinnati, OH	Butler, OH	warm	Adams, OH	25
Cincinnati, OH	Butler, OH	warm	Anderson, KY	17
Cincinnati, OH	Butler, OH	warm	Auglaize, OH	2
Cincinnati, OH	Butler, OH	warm	Bartholomew, IN	25
Cincinnati, OH	Butler, OH	warm	Bath, KY	24
Cincinnati, OH	Butler, OH	warm	Blackford, IN	12
Cincinnati, OH	Butler, OH	warm	Boone, KY	87
Cincinnati, OH	Butler, OH	warm	Bourbon, KY	24
Cincinnati, OH	Butler, OH	warm	Bracken, KY	51
Cincinnati, OH	Butler, OH	warm	Brown, IN	15
Cincinnati, OH	Butler, OH	warm	Brown, OH	43
Cincinnati, OH	Butler, OH	warm	Butler, OH	73
Cincinnati, OH	Butler, OH	warm	Campbell, KY	88
Cincinnati, OH	Butler, OH	warm	Carroll, KY	39
Cincinnati, OH	Butler, OH	warm	Carter, KY	21
Cincinnati, OH	Butler, OH	warm	Champaign, OH	1
Cincinnati, OH	Butler, OH	warm	Clark, IN	23
Cincinnati, OH	Butler, OH	warm	Clark, KY	14

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Cincinnati, OH	Butler, OH	warm	Clark, OH	2
Cincinnati, OH	Butler, OH	warm	Clermont, OH	72
Cincinnati, OH	Butler, OH	warm	Clinton, OH	20
Cincinnati, OH	Butler, OH	warm	Darke, OH	9
Cincinnati, OH	Butler, OH	warm	Dearborn, IN	77
Cincinnati, OH	Butler, OH	warm	Decatur, IN	38
Cincinnati, OH	Butler, OH	warm	Delaware, IN	16
Cincinnati, OH	Butler, OH	warm	Delaware, OH	0
Cincinnati, OH	Butler, OH	warm	Fairfield, OH	1
Cincinnati, OH	Butler, OH	warm	Fayette, IN	32
Cincinnati, OH	Butler, OH	warm	Fayette, KY	16
Cincinnati, OH	Butler, OH	warm	Fayette, OH	4
Cincinnati, OH	Butler, OH	warm	Fleming, KY	34
Cincinnati, OH	Butler, OH	warm	Floyd, IN	18
Cincinnati, OH	Butler, OH	warm	Franklin, IN	56
Cincinnati, OH	Butler, OH	warm	Franklin, KY	20
Cincinnati, OH	Butler, OH	warm	Franklin, OH	0
Cincinnati, OH	Butler, OH	warm	Gallatin, KY	57
Cincinnati, OH	Butler, OH	warm	Grant, KY	49
Cincinnati, OH	Butler, OH	warm	Greene, OH	11
Cincinnati, OH	Butler, OH	warm	Greenup, KY	18
Cincinnati, OH	Butler, OH	warm	Hamilton, IN	9
Cincinnati, OH	Butler, OH	warm	Hamilton, OH	100
Cincinnati, OH	Butler, OH	warm	Hancock, IN	16
Cincinnati, OH	Butler, OH	warm	Hardin, OH	0
Cincinnati, OH	Butler, OH	warm	Harrison, KY	35
Cincinnati, OH	Butler, OH	warm	Henry, IN	19
Cincinnati, OH	Butler, OH	warm	Henry, KY	27
Cincinnati, OH	Butler, OH	warm	Highland, OH	19
Cincinnati, OH	Butler, OH	warm	Hocking, OH	3
Cincinnati, OH	Butler, OH	warm	Jackson, IN	20
Cincinnati, OH	Butler, OH	warm	Jackson, OH	7
Cincinnati, OH	Butler, OH	warm	Jay, IN	11
Cincinnati, OH	Butler, OH	warm	Jefferson, IN	38
Cincinnati, OH	Butler, OH	warm	Jefferson, KY	19
Cincinnati, OH	Butler, OH	warm	Jennings, IN	34
Cincinnati, OH	Butler, OH	warm	Jessamine, KY	12
Cincinnati, OH	Butler, OH	warm	Johnson, IN	18
Cincinnati, OH	Butler, OH	warm	Kenton, KY	88
Cincinnati, OH	Butler, OH	warm	Lawrence, IN	10
Cincinnati, OH	Butler, OH	warm	Lawrence, OH	10
Cincinnati, OH	Butler, OH	warm	Lewis, KY	29
Cincinnati, OH	Butler, OH	warm	Licking, OH	1
Cincinnati, OH	Butler, OH	warm	Logan, OH	0
Cincinnati, OH	Butler, OH	warm	Madison, IN	13
Cincinnati, OH	Butler, OH	warm	Madison, KY	7
Cincinnati, OH	Butler, OH	warm	Madison, OH	1
Cincinnati, OH	Butler, OH	warm	Marion, IN	11
Cincinnati, OH	Butler, OH	warm	Marion, OH	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Cincinnati, OH	Butler, OH	warm	Mason, KY	42
Cincinnati, OH	Butler, OH	warm	Mercer, KY	13
Cincinnati, OH	Butler, OH	warm	Mercer, OH	6
Cincinnati, OH	Butler, OH	warm	Miami, OH	5
Cincinnati, OH	Butler, OH	warm	Monroe, IN	9
Cincinnati, OH	Butler, OH	warm	Montgomery, KY	18
Cincinnati, OH	Butler, OH	warm	Montgomery, OH	21
Cincinnati, OH	Butler, OH	warm	Nicholas, KY	33
Cincinnati, OH	Butler, OH	warm	Ohio, IN	71
Cincinnati, OH	Butler, OH	warm	Oldham, KY	23
Cincinnati, OH	Butler, OH	warm	Owen, KY	34
Cincinnati, OH	Butler, OH	warm	Pendleton, KY	57
Cincinnati, OH	Butler, OH	warm	Pickaway, OH	1
Cincinnati, OH	Butler, OH	warm	Pike, OH	9
Cincinnati, OH	Butler, OH	warm	Preble, OH	30
Cincinnati, OH	Butler, OH	warm	Randolph, IN	15
Cincinnati, OH	Butler, OH	warm	Ripley, IN	53
Cincinnati, OH	Butler, OH	warm	Robertson, KY	42
Cincinnati, OH	Butler, OH	warm	Ross, OH	5
Cincinnati, OH	Butler, OH	warm	Rowan, KY	26
Cincinnati, OH	Butler, OH	warm	Rush, IN	26
Cincinnati, OH	Butler, OH	warm	Scioto, OH	14
Cincinnati, OH	Butler, OH	warm	Scott, IN	26
Cincinnati, OH	Butler, OH	warm	Scott, KY	23
Cincinnati, OH	Butler, OH	warm	Shelby, IN	24
Cincinnati, OH	Butler, OH	warm	Shelby, KY	20
Cincinnati, OH	Butler, OH	warm	Shelby, OH	2
Cincinnati, OH	Butler, OH	warm	Switzerland, IN	54
Cincinnati, OH	Butler, OH	warm	Trimble, KY	32
Cincinnati, OH	Butler, OH	warm	Union, IN	38
Cincinnati, OH	Butler, OH	warm	Union, OH	0
Cincinnati, OH	Butler, OH	warm	Van Wert, OH	5
Cincinnati, OH	Butler, OH	warm	Vinton, OH	5
Cincinnati, OH	Butler, OH	warm	Warren, OH	53
Cincinnati, OH	Butler, OH	warm	Washington, IN	17
Cincinnati, OH	Butler, OH	warm	Wayne, IN	21
Cincinnati, OH	Butler, OH	warm	Wells, IN	9
Cincinnati, OH	Butler, OH	warm	Woodford, KY	17
Cincinnati, OH	Hamilton, OH	cold	Adams, IN	2
Cincinnati, OH	Hamilton, OH	cold	Adams, OH	32
Cincinnati, OH	Hamilton, OH	cold	Anderson, KY	9
Cincinnati, OH	Hamilton, OH	cold	Auglaize, OH	6
Cincinnati, OH	Hamilton, OH	cold	Bartholomew, IN	23
Cincinnati, OH	Hamilton, OH	cold	Bath, KY	12
Cincinnati, OH	Hamilton, OH	cold	Blackford, IN	5
Cincinnati, OH	Hamilton, OH	cold	Boone, KY	77
Cincinnati, OH	Hamilton, OH	cold	Bourbon, KY	12
Cincinnati, OH	Hamilton, OH	cold	Bracken, KY	41
Cincinnati, OH	Hamilton, OH	cold	Brown, IN	16

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Cincinnati, OH	Hamilton, OH	cold	Brown, OH	50
Cincinnati, OH	Hamilton, OH	cold	Butler, OH	90
Cincinnati, OH	Hamilton, OH	cold	Campbell, KY	82
Cincinnati, OH	Hamilton, OH	cold	Carroll, KY	33
Cincinnati, OH	Hamilton, OH	cold	Carter, KY	22
Cincinnati, OH	Hamilton, OH	cold	Champaign, OH	19
Cincinnati, OH	Hamilton, OH	cold	Clark, IN	21
Cincinnati, OH	Hamilton, OH	cold	Clark, KY	7
Cincinnati, OH	Hamilton, OH	cold	Clark, OH	27
Cincinnati, OH	Hamilton, OH	cold	Clermont, OH	77
Cincinnati, OH	Hamilton, OH	cold	Clinton, OH	50
Cincinnati, OH	Hamilton, OH	cold	Darke, OH	19
Cincinnati, OH	Hamilton, OH	cold	Dearborn, IN	73
Cincinnati, OH	Hamilton, OH	cold	Decatur, IN	37
Cincinnati, OH	Hamilton, OH	cold	Delaware, IN	10
Cincinnati, OH	Hamilton, OH	cold	Delaware, OH	13
Cincinnati, OH	Hamilton, OH	cold	Fairfield, OH	12
Cincinnati, OH	Hamilton, OH	cold	Fayette, IN	43
Cincinnati, OH	Hamilton, OH	cold	Fayette, KY	8
Cincinnati, OH	Hamilton, OH	cold	Fayette, OH	27
Cincinnati, OH	Hamilton, OH	cold	Fleming, KY	19
Cincinnati, OH	Hamilton, OH	cold	Floyd, IN	19
Cincinnati, OH	Hamilton, OH	cold	Franklin, IN	63
Cincinnati, OH	Hamilton, OH	cold	Franklin, KY	14
Cincinnati, OH	Hamilton, OH	cold	Franklin, OH	15
Cincinnati, OH	Hamilton, OH	cold	Gallatin, KY	49
Cincinnati, OH	Hamilton, OH	cold	Grant, KY	41
Cincinnati, OH	Hamilton, OH	cold	Greene, OH	42
Cincinnati, OH	Hamilton, OH	cold	Greenup, KY	28
Cincinnati, OH	Hamilton, OH	cold	Hamilton, IN	14
Cincinnati, OH	Hamilton, OH	cold	Hamilton, OH	100
Cincinnati, OH	Hamilton, OH	cold	Hancock, IN	22
Cincinnati, OH	Hamilton, OH	cold	Hardin, OH	7
Cincinnati, OH	Hamilton, OH	cold	Harrison, KY	23
Cincinnati, OH	Hamilton, OH	cold	Henry, IN	21
Cincinnati, OH	Hamilton, OH	cold	Henry, KY	23
Cincinnati, OH	Hamilton, OH	cold	Highland, OH	39
Cincinnati, OH	Hamilton, OH	cold	Hocking, OH	14
Cincinnati, OH	Hamilton, OH	cold	Jackson, IN	17
Cincinnati, OH	Hamilton, OH	cold	Jackson, OH	26
Cincinnati, OH	Hamilton, OH	cold	Jay, IN	5
Cincinnati, OH	Hamilton, OH	cold	Jefferson, IN	30
Cincinnati, OH	Hamilton, OH	cold	Jefferson, KY	18
Cincinnati, OH	Hamilton, OH	cold	Jennings, IN	28
Cincinnati, OH	Hamilton, OH	cold	Jessamine, KY	6
Cincinnati, OH	Hamilton, OH	cold	Johnson, IN	22
Cincinnati, OH	Hamilton, OH	cold	Kenton, KY	79
Cincinnati, OH	Hamilton, OH	cold	Lawrence, IN	10
Cincinnati, OH	Hamilton, OH	cold	Lawrence, OH	32

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Cincinnati, OH	Hamilton, OH	cold	Lewis, KY	26
Cincinnati, OH	Hamilton, OH	cold	Licking, OH	9
Cincinnati, OH	Hamilton, OH	cold	Logan, OH	12
Cincinnati, OH	Hamilton, OH	cold	Madison, IN	12
Cincinnati, OH	Hamilton, OH	cold	Madison, KY	4
Cincinnati, OH	Hamilton, OH	cold	Madison, OH	21
Cincinnati, OH	Hamilton, OH	cold	Marion, IN	20
Cincinnati, OH	Hamilton, OH	cold	Marion, OH	10
Cincinnati, OH	Hamilton, OH	cold	Mason, KY	30
Cincinnati, OH	Hamilton, OH	cold	Mercer, KY	6
Cincinnati, OH	Hamilton, OH	cold	Mercer, OH	5
Cincinnati, OH	Hamilton, OH	cold	Miami, OH	24
Cincinnati, OH	Hamilton, OH	cold	Monroe, IN	11
Cincinnati, OH	Hamilton, OH	cold	Montgomery, KY	9
Cincinnati, OH	Hamilton, OH	cold	Montgomery, OH	51
Cincinnati, OH	Hamilton, OH	cold	Nicholas, KY	17
Cincinnati, OH	Hamilton, OH	cold	Ohio, IN	62
Cincinnati, OH	Hamilton, OH	cold	Oldham, KY	21
Cincinnati, OH	Hamilton, OH	cold	Owen, KY	28
Cincinnati, OH	Hamilton, OH	cold	Pendleton, KY	46
Cincinnati, OH	Hamilton, OH	cold	Pickaway, OH	16
Cincinnati, OH	Hamilton, OH	cold	Pike, OH	25
Cincinnati, OH	Hamilton, OH	cold	Preble, OH	53
Cincinnati, OH	Hamilton, OH	cold	Randolph, IN	14
Cincinnati, OH	Hamilton, OH	cold	Ripley, IN	47
Cincinnati, OH	Hamilton, OH	cold	Robertson, KY	26
Cincinnati, OH	Hamilton, OH	cold	Ross, OH	20
Cincinnati, OH	Hamilton, OH	cold	Rowan, KY	16
Cincinnati, OH	Hamilton, OH	cold	Rush, IN	33
Cincinnati, OH	Hamilton, OH	cold	Scioto, OH	29
Cincinnati, OH	Hamilton, OH	cold	Scott, IN	21
Cincinnati, OH	Hamilton, OH	cold	Scott, KY	14
Cincinnati, OH	Hamilton, OH	cold	Shelby, IN	28
Cincinnati, OH	Hamilton, OH	cold	Shelby, KY	16
Cincinnati, OH	Hamilton, OH	cold	Shelby, OH	12
Cincinnati, OH	Hamilton, OH	cold	Switzerland, IN	47
Cincinnati, OH	Hamilton, OH	cold	Trimble, KY	27
Cincinnati, OH	Hamilton, OH	cold	Union, IN	56
Cincinnati, OH	Hamilton, OH	cold	Union, OH	15
Cincinnati, OH	Hamilton, OH	cold	Van Wert, OH	2
Cincinnati, OH	Hamilton, OH	cold	Vinton, OH	20
Cincinnati, OH	Hamilton, OH	cold	Warren, OH	80
Cincinnati, OH	Hamilton, OH	cold	Washington, IN	16
Cincinnati, OH	Hamilton, OH	cold	Wayne, IN	32
Cincinnati, OH	Hamilton, OH	cold	Wells, IN	2
Cincinnati, OH	Hamilton, OH	cold	Woodford, KY	9
Cincinnati, OH	Hamilton, OH	warm	Adams, IN	4
Cincinnati, OH	Hamilton, OH	warm	Adams, OH	21
Cincinnati, OH	Hamilton, OH	warm	Anderson, KY	9

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Cincinnati, OH	Hamilton, OH	warm	Auglaize, OH	2
Cincinnati, OH	Hamilton, OH	warm	Bartholomew, IN	16
Cincinnati, OH	Hamilton, OH	warm	Bath, KY	11
Cincinnati, OH	Hamilton, OH	warm	Blackford, IN	7
Cincinnati, OH	Hamilton, OH	warm	Boone, KY	78
Cincinnati, OH	Hamilton, OH	warm	Bourbon, KY	10
Cincinnati, OH	Hamilton, OH	warm	Bracken, KY	31
Cincinnati, OH	Hamilton, OH	warm	Brown, IN	9
Cincinnati, OH	Hamilton, OH	warm	Brown, OH	37
Cincinnati, OH	Hamilton, OH	warm	Butler, OH	64
Cincinnati, OH	Hamilton, OH	warm	Campbell, KY	84
Cincinnati, OH	Hamilton, OH	warm	Carroll, KY	28
Cincinnati, OH	Hamilton, OH	warm	Carter, KY	13
Cincinnati, OH	Hamilton, OH	warm	Champaign, OH	8
Cincinnati, OH	Hamilton, OH	warm	Clark, IN	17
Cincinnati, OH	Hamilton, OH	warm	Clark, KY	6
Cincinnati, OH	Hamilton, OH	warm	Clark, OH	12
Cincinnati, OH	Hamilton, OH	warm	Clermont, OH	71
Cincinnati, OH	Hamilton, OH	warm	Clinton, OH	34
Cincinnati, OH	Hamilton, OH	warm	Darke, OH	6
Cincinnati, OH	Hamilton, OH	warm	Dearborn, IN	61
Cincinnati, OH	Hamilton, OH	warm	Decatur, IN	24
Cincinnati, OH	Hamilton, OH	warm	Delaware, IN	9
Cincinnati, OH	Hamilton, OH	warm	Delaware, OH	8
Cincinnati, OH	Hamilton, OH	warm	Fairfield, OH	13
Cincinnati, OH	Hamilton, OH	warm	Fayette, IN	19
Cincinnati, OH	Hamilton, OH	warm	Fayette, KY	7
Cincinnati, OH	Hamilton, OH	warm	Fayette, OH	22
Cincinnati, OH	Hamilton, OH	warm	Fleming, KY	16
Cincinnati, OH	Hamilton, OH	warm	Floyd, IN	13
Cincinnati, OH	Hamilton, OH	warm	Franklin, IN	37
Cincinnati, OH	Hamilton, OH	warm	Franklin, KY	11
Cincinnati, OH	Hamilton, OH	warm	Franklin, OH	13
Cincinnati, OH	Hamilton, OH	warm	Gallatin, KY	44
Cincinnati, OH	Hamilton, OH	warm	Grant, KY	33
Cincinnati, OH	Hamilton, OH	warm	Greene, OH	20
Cincinnati, OH	Hamilton, OH	warm	Greenup, KY	12
Cincinnati, OH	Hamilton, OH	warm	Hamilton, IN	5
Cincinnati, OH	Hamilton, OH	warm	Hamilton, OH	100
Cincinnati, OH	Hamilton, OH	warm	Hancock, IN	10
Cincinnati, OH	Hamilton, OH	warm	Hardin, OH	1
Cincinnati, OH	Hamilton, OH	warm	Harrison, KY	17
Cincinnati, OH	Hamilton, OH	warm	Henry, IN	12
Cincinnati, OH	Hamilton, OH	warm	Henry, KY	19
Cincinnati, OH	Hamilton, OH	warm	Highland, OH	31
Cincinnati, OH	Hamilton, OH	warm	Hocking, OH	11
Cincinnati, OH	Hamilton, OH	warm	Jackson, IN	11
Cincinnati, OH	Hamilton, OH	warm	Jackson, OH	10
Cincinnati, OH	Hamilton, OH	warm	Jay, IN	6

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Cincinnati, OH	Hamilton, OH	warm	Jefferson, IN	25
Cincinnati, OH	Hamilton, OH	warm	Jefferson, KY	14
Cincinnati, OH	Hamilton, OH	warm	Jennings, IN	21
Cincinnati, OH	Hamilton, OH	warm	Jessamine, KY	5
Cincinnati, OH	Hamilton, OH	warm	Johnson, IN	11
Cincinnati, OH	Hamilton, OH	warm	Kenton, KY	82
Cincinnati, OH	Hamilton, OH	warm	Lawrence, IN	5
Cincinnati, OH	Hamilton, OH	warm	Lawrence, OH	8
Cincinnati, OH	Hamilton, OH	warm	Lewis, KY	16
Cincinnati, OH	Hamilton, OH	warm	Licking, OH	10
Cincinnati, OH	Hamilton, OH	warm	Logan, OH	3
Cincinnati, OH	Hamilton, OH	warm	Madison, IN	8
Cincinnati, OH	Hamilton, OH	warm	Madison, KY	4
Cincinnati, OH	Hamilton, OH	warm	Madison, OH	15
Cincinnati, OH	Hamilton, OH	warm	Marion, IN	7
Cincinnati, OH	Hamilton, OH	warm	Marion, OH	4
Cincinnati, OH	Hamilton, OH	warm	Mason, KY	21
Cincinnati, OH	Hamilton, OH	warm	Mercer, KY	6
Cincinnati, OH	Hamilton, OH	warm	Mercer, OH	3
Cincinnati, OH	Hamilton, OH	warm	Miami, OH	7
Cincinnati, OH	Hamilton, OH	warm	Monroe, IN	5
Cincinnati, OH	Hamilton, OH	warm	Montgomery, KY	8
Cincinnati, OH	Hamilton, OH	warm	Montgomery, OH	20
Cincinnati, OH	Hamilton, OH	warm	Nicholas, KY	15
Cincinnati, OH	Hamilton, OH	warm	Ohio, IN	58
Cincinnati, OH	Hamilton, OH	warm	Oldham, KY	18
Cincinnati, OH	Hamilton, OH	warm	Owen, KY	21
Cincinnati, OH	Hamilton, OH	warm	Pendleton, KY	38
Cincinnati, OH	Hamilton, OH	warm	Pickaway, OH	19
Cincinnati, OH	Hamilton, OH	warm	Pike, OH	17
Cincinnati, OH	Hamilton, OH	warm	Preble, OH	20
Cincinnati, OH	Hamilton, OH	warm	Randolph, IN	8
Cincinnati, OH	Hamilton, OH	warm	Ripley, IN	36
Cincinnati, OH	Hamilton, OH	warm	Robertson, KY	20
Cincinnati, OH	Hamilton, OH	warm	Ross, OH	20
Cincinnati, OH	Hamilton, OH	warm	Rowan, KY	13
Cincinnati, OH	Hamilton, OH	warm	Rush, IN	16
Cincinnati, OH	Hamilton, OH	warm	Scioto, OH	13
Cincinnati, OH	Hamilton, OH	warm	Scott, IN	17
Cincinnati, OH	Hamilton, OH	warm	Scott, KY	11
Cincinnati, OH	Hamilton, OH	warm	Shelby, IN	15
Cincinnati, OH	Hamilton, OH	warm	Shelby, KY	14
Cincinnati, OH	Hamilton, OH	warm	Shelby, OH	3
Cincinnati, OH	Hamilton, OH	warm	Switzerland, IN	41
Cincinnati, OH	Hamilton, OH	warm	Trimble, KY	23
Cincinnati, OH	Hamilton, OH	warm	Union, IN	23
Cincinnati, OH	Hamilton, OH	warm	Union, OH	6
Cincinnati, OH	Hamilton, OH	warm	Van Wert, OH	3
Cincinnati, OH	Hamilton, OH	warm	Vinton, OH	10

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Cincinnati, OH	Hamilton, OH	warm	Warren, OH	57
Cincinnati, OH	Hamilton, OH	warm	Washington, IN	11
Cincinnati, OH	Hamilton, OH	warm	Wayne, IN	12
Cincinnati, OH	Hamilton, OH	warm	Wells, IN	5
Cincinnati, OH	Hamilton, OH	warm	Woodford, KY	8
Clarksville, TN	Montgomery, TN	cold	Alcorn, MS	16
Clarksville, TN	Montgomery, TN	cold	Allen, KY	29
Clarksville, TN	Montgomery, TN	cold	Ballard, KY	11
Clarksville, TN	Montgomery, TN	cold	Barren, KY	22
Clarksville, TN	Montgomery, TN	cold	Bedford, TN	18
Clarksville, TN	Montgomery, TN	cold	Benton, TN	51
Clarksville, TN	Montgomery, TN	cold	Breckinridge, KY	22
Clarksville, TN	Montgomery, TN	cold	Butler, KY	48
Clarksville, TN	Montgomery, TN	cold	Caldwell, KY	63
Clarksville, TN	Montgomery, TN	cold	Calloway, KY	48
Clarksville, TN	Montgomery, TN	cold	Cannon, TN	14
Clarksville, TN	Montgomery, TN	cold	Carlisle, KY	13
Clarksville, TN	Montgomery, TN	cold	Carroll, TN	33
Clarksville, TN	Montgomery, TN	cold	Cheatham, TN	78
Clarksville, TN	Montgomery, TN	cold	Chester, TN	21
Clarksville, TN	Montgomery, TN	cold	Christian, KY	94
Clarksville, TN	Montgomery, TN	cold	Clay, TN	13
Clarksville, TN	Montgomery, TN	cold	Clinton, KY	10
Clarksville, TN	Montgomery, TN	cold	Coffee, TN	12
Clarksville, TN	Montgomery, TN	cold	Crittenden, KY	42
Clarksville, TN	Montgomery, TN	cold	Crockett, TN	15
Clarksville, TN	Montgomery, TN	cold	Cumberland, KY	12
Clarksville, TN	Montgomery, TN	cold	Davidson, TN	54
Clarksville, TN	Montgomery, TN	cold	Daviess, KY	38
Clarksville, TN	Montgomery, TN	cold	De Kalb, TN	12
Clarksville, TN	Montgomery, TN	cold	Decatur, TN	33
Clarksville, TN	Montgomery, TN	cold	Dickson, TN	77
Clarksville, TN	Montgomery, TN	cold	Dyer, TN	11
Clarksville, TN	Montgomery, TN	cold	Edmonson, KY	29
Clarksville, TN	Montgomery, TN	cold	Franklin, TN	10
Clarksville, TN	Montgomery, TN	cold	Fulton, KY	12
Clarksville, TN	Montgomery, TN	cold	Gallatin, IL	30
Clarksville, TN	Montgomery, TN	cold	Gibson, TN	19
Clarksville, TN	Montgomery, TN	cold	Giles, TN	21
Clarksville, TN	Montgomery, TN	cold	Graves, KY	24
Clarksville, TN	Montgomery, TN	cold	Grayson, KY	28
Clarksville, TN	Montgomery, TN	cold	Grundy, TN	8
Clarksville, TN	Montgomery, TN	cold	Hancock, KY	27
Clarksville, TN	Montgomery, TN	cold	Hardeman, TN	14
Clarksville, TN	Montgomery, TN	cold	Hardin, IL	31
Clarksville, TN	Montgomery, TN	cold	Hardin, KY	19
Clarksville, TN	Montgomery, TN	cold	Hardin, TN	23
Clarksville, TN	Montgomery, TN	cold	Hart, KY	21
Clarksville, TN	Montgomery, TN	cold	Haywood, TN	12

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Clarksville, TN	Montgomery, TN	cold	Henderson, KY	41
Clarksville, TN	Montgomery, TN	cold	Henderson, TN	28
Clarksville, TN	Montgomery, TN	cold	Henry, TN	45
Clarksville, TN	Montgomery, TN	cold	Hickman, KY	14
Clarksville, TN	Montgomery, TN	cold	Hickman, TN	50
Clarksville, TN	Montgomery, TN	cold	Hopkins, KY	67
Clarksville, TN	Montgomery, TN	cold	Houston, TN	81
Clarksville, TN	Montgomery, TN	cold	Humphreys, TN	62
Clarksville, TN	Montgomery, TN	cold	Jackson, TN	13
Clarksville, TN	Montgomery, TN	cold	Lake, TN	9
Clarksville, TN	Montgomery, TN	cold	Lauderdale, AL	19
Clarksville, TN	Montgomery, TN	cold	Lawrence, TN	24
Clarksville, TN	Montgomery, TN	cold	Lewis, TN	34
Clarksville, TN	Montgomery, TN	cold	Limestone, AL	16
Clarksville, TN	Montgomery, TN	cold	Lincoln, TN	15
Clarksville, TN	Montgomery, TN	cold	Livingston, KY	31
Clarksville, TN	Montgomery, TN	cold	Logan, KY	75
Clarksville, TN	Montgomery, TN	cold	Lyon, KY	53
Clarksville, TN	Montgomery, TN	cold	Macon, TN	21
Clarksville, TN	Montgomery, TN	cold	Madison, AL	13
Clarksville, TN	Montgomery, TN	cold	Madison, TN	19
Clarksville, TN	Montgomery, TN	cold	Marshall, KY	40
Clarksville, TN	Montgomery, TN	cold	Marshall, TN	23
Clarksville, TN	Montgomery, TN	cold	Massac, IL	17
Clarksville, TN	Montgomery, TN	cold	Maury, TN	34
Clarksville, TN	Montgomery, TN	cold	Mc Nairy, TN	18
Clarksville, TN	Montgomery, TN	cold	McCracken, KY	19
Clarksville, TN	Montgomery, TN	cold	McLean, KY	53
Clarksville, TN	Montgomery, TN	cold	Meade, KY	16
Clarksville, TN	Montgomery, TN	cold	Metcalfe, KY	16
Clarksville, TN	Montgomery, TN	cold	Mississippi, MO	8
Clarksville, TN	Montgomery, TN	cold	Monroe, KY	16
Clarksville, TN	Montgomery, TN	cold	Montgomery, TN	100
Clarksville, TN	Montgomery, TN	cold	Moore, TN	13
Clarksville, TN	Montgomery, TN	cold	Muhlenberg, KY	71
Clarksville, TN	Montgomery, TN	cold	Obion, TN	14
Clarksville, TN	Montgomery, TN	cold	Ohio, KY	44
Clarksville, TN	Montgomery, TN	cold	Overton, TN	10
Clarksville, TN	Montgomery, TN	cold	Perry, IN	19
Clarksville, TN	Montgomery, TN	cold	Perry, TN	38
Clarksville, TN	Montgomery, TN	cold	Pickett, TN	10
Clarksville, TN	Montgomery, TN	cold	Pope, IL	21
Clarksville, TN	Montgomery, TN	cold	Posey, IN	35
Clarksville, TN	Montgomery, TN	cold	Pulaski, IL	8
Clarksville, TN	Montgomery, TN	cold	Putnam, TN	10
Clarksville, TN	Montgomery, TN	cold	Robertson, TN	76
Clarksville, TN	Montgomery, TN	cold	Rutherford, TN	24
Clarksville, TN	Montgomery, TN	cold	Saline, IL	21
Clarksville, TN	Montgomery, TN	cold	Simpson, KY	53

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Clarksville, TN	Montgomery, TN	cold	Smith, TN	17
Clarksville, TN	Montgomery, TN	cold	Spencer, IN	28
Clarksville, TN	Montgomery, TN	cold	Stewart, TN	82
Clarksville, TN	Montgomery, TN	cold	Sumner, TN	42
Clarksville, TN	Montgomery, TN	cold	Tishomingo, MS	17
Clarksville, TN	Montgomery, TN	cold	Todd, KY	95
Clarksville, TN	Montgomery, TN	cold	Trigg, KY	77
Clarksville, TN	Montgomery, TN	cold	Trousdale, TN	26
Clarksville, TN	Montgomery, TN	cold	Union, KY	40
Clarksville, TN	Montgomery, TN	cold	Vanderburgh, IN	36
Clarksville, TN	Montgomery, TN	cold	Warren, KY	40
Clarksville, TN	Montgomery, TN	cold	Warren, TN	10
Clarksville, TN	Montgomery, TN	cold	Warrick, IN	31
Clarksville, TN	Montgomery, TN	cold	Wayne, TN	25
Clarksville, TN	Montgomery, TN	cold	Weakley, TN	26
Clarksville, TN	Montgomery, TN	cold	Webster, KY	52
Clarksville, TN	Montgomery, TN	cold	White, TN	9
Clarksville, TN	Montgomery, TN	cold	Williamson, TN	44
Clarksville, TN	Montgomery, TN	cold	Wilson, TN	27
Clarksville, TN	Montgomery, TN	warm	Alcorn, MS	10
Clarksville, TN	Montgomery, TN	warm	Allen, KY	37
Clarksville, TN	Montgomery, TN	warm	Ballard, KY	3
Clarksville, TN	Montgomery, TN	warm	Barren, KY	31
Clarksville, TN	Montgomery, TN	warm	Bedford, TN	23
Clarksville, TN	Montgomery, TN	warm	Benton, TN	35
Clarksville, TN	Montgomery, TN	warm	Breckinridge, KY	27
Clarksville, TN	Montgomery, TN	warm	Butler, KY	55
Clarksville, TN	Montgomery, TN	warm	Caldwell, KY	38
Clarksville, TN	Montgomery, TN	warm	Calloway, KY	22
Clarksville, TN	Montgomery, TN	warm	Cannon, TN	16
Clarksville, TN	Montgomery, TN	warm	Carlisle, KY	3
Clarksville, TN	Montgomery, TN	warm	Carroll, TN	19
Clarksville, TN	Montgomery, TN	warm	Cheatham, TN	83
Clarksville, TN	Montgomery, TN	warm	Chester, TN	14
Clarksville, TN	Montgomery, TN	warm	Christian, KY	83
Clarksville, TN	Montgomery, TN	warm	Clay, TN	19
Clarksville, TN	Montgomery, TN	warm	Clinton, KY	13
Clarksville, TN	Montgomery, TN	warm	Coffee, TN	16
Clarksville, TN	Montgomery, TN	warm	Crittenden, KY	18
Clarksville, TN	Montgomery, TN	warm	Crockett, TN	5
Clarksville, TN	Montgomery, TN	warm	Cumberland, KY	18
Clarksville, TN	Montgomery, TN	warm	Davidson, TN	56
Clarksville, TN	Montgomery, TN	warm	Daviess, KY	23
Clarksville, TN	Montgomery, TN	warm	De Kalb, TN	14
Clarksville, TN	Montgomery, TN	warm	Decatur, TN	25
Clarksville, TN	Montgomery, TN	warm	Dickson, TN	76
Clarksville, TN	Montgomery, TN	warm	Dyer, TN	2
Clarksville, TN	Montgomery, TN	warm	Edmonson, KY	40
Clarksville, TN	Montgomery, TN	warm	Franklin, TN	18

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Clarksville, TN	Montgomery, TN	warm	Fulton, KY	2
Clarksville, TN	Montgomery, TN	warm	Gallatin, IL	6
Clarksville, TN	Montgomery, TN	warm	Gibson, TN	7
Clarksville, TN	Montgomery, TN	warm	Giles, TN	23
Clarksville, TN	Montgomery, TN	warm	Graves, KY	8
Clarksville, TN	Montgomery, TN	warm	Grayson, KY	37
Clarksville, TN	Montgomery, TN	warm	Grundy, TN	12
Clarksville, TN	Montgomery, TN	warm	Hancock, KY	21
Clarksville, TN	Montgomery, TN	warm	Hardeman, TN	7
Clarksville, TN	Montgomery, TN	warm	Hardin, IL	10
Clarksville, TN	Montgomery, TN	warm	Hardin, KY	28
Clarksville, TN	Montgomery, TN	warm	Hardin, TN	16
Clarksville, TN	Montgomery, TN	warm	Hart, KY	30
Clarksville, TN	Montgomery, TN	warm	Haywood, TN	3
Clarksville, TN	Montgomery, TN	warm	Henderson, KY	14
Clarksville, TN	Montgomery, TN	warm	Henderson, TN	19
Clarksville, TN	Montgomery, TN	warm	Henry, TN	23
Clarksville, TN	Montgomery, TN	warm	Hickman, KY	3
Clarksville, TN	Montgomery, TN	warm	Hickman, TN	46
Clarksville, TN	Montgomery, TN	warm	Hopkins, KY	46
Clarksville, TN	Montgomery, TN	warm	Houston, TN	67
Clarksville, TN	Montgomery, TN	warm	Humphreys, TN	51
Clarksville, TN	Montgomery, TN	warm	Jackson, TN	18
Clarksville, TN	Montgomery, TN	warm	Lake, TN	1
Clarksville, TN	Montgomery, TN	warm	Lauderdale, AL	14
Clarksville, TN	Montgomery, TN	warm	Lawrence, TN	22
Clarksville, TN	Montgomery, TN	warm	Lewis, TN	32
Clarksville, TN	Montgomery, TN	warm	Limestone, AL	16
Clarksville, TN	Montgomery, TN	warm	Lincoln, TN	21
Clarksville, TN	Montgomery, TN	warm	Livingston, KY	12
Clarksville, TN	Montgomery, TN	warm	Logan, KY	83
Clarksville, TN	Montgomery, TN	warm	Lyon, KY	27
Clarksville, TN	Montgomery, TN	warm	Macon, TN	28
Clarksville, TN	Montgomery, TN	warm	Madison, AL	17
Clarksville, TN	Montgomery, TN	warm	Madison, TN	10
Clarksville, TN	Montgomery, TN	warm	Marshall, KY	17
Clarksville, TN	Montgomery, TN	warm	Marshall, TN	26
Clarksville, TN	Montgomery, TN	warm	Massac, IL	5
Clarksville, TN	Montgomery, TN	warm	Maury, TN	35
Clarksville, TN	Montgomery, TN	warm	Mc Nairy, TN	12
Clarksville, TN	Montgomery, TN	warm	McCracken, KY	6
Clarksville, TN	Montgomery, TN	warm	McLean, KY	34
Clarksville, TN	Montgomery, TN	warm	Meade, KY	21
Clarksville, TN	Montgomery, TN	warm	Metcalfe, KY	24
Clarksville, TN	Montgomery, TN	warm	Mississippi, MO	2
Clarksville, TN	Montgomery, TN	warm	Monroe, KY	25
Clarksville, TN	Montgomery, TN	warm	Montgomery, TN	100
Clarksville, TN	Montgomery, TN	warm	Moore, TN	20
Clarksville, TN	Montgomery, TN	warm	Muhlenberg, KY	66

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Clarksville, TN	Montgomery, TN	warm	Obion, TN	3
Clarksville, TN	Montgomery, TN	warm	Ohio, KY	42
Clarksville, TN	Montgomery, TN	warm	Overton, TN	12
Clarksville, TN	Montgomery, TN	warm	Perry, IN	13
Clarksville, TN	Montgomery, TN	warm	Perry, TN	31
Clarksville, TN	Montgomery, TN	warm	Pickett, TN	10
Clarksville, TN	Montgomery, TN	warm	Pope, IL	6
Clarksville, TN	Montgomery, TN	warm	Posey, IN	6
Clarksville, TN	Montgomery, TN	warm	Pulaski, IL	2
Clarksville, TN	Montgomery, TN	warm	Putnam, TN	12
Clarksville, TN	Montgomery, TN	warm	Robertson, TN	83
Clarksville, TN	Montgomery, TN	warm	Rutherford, TN	25
Clarksville, TN	Montgomery, TN	warm	Saline, IL	4
Clarksville, TN	Montgomery, TN	warm	Simpson, KY	60
Clarksville, TN	Montgomery, TN	warm	Smith, TN	21
Clarksville, TN	Montgomery, TN	warm	Spencer, IN	12
Clarksville, TN	Montgomery, TN	warm	Stewart, TN	60
Clarksville, TN	Montgomery, TN	warm	Sumner, TN	45
Clarksville, TN	Montgomery, TN	warm	Tishomingo, MS	10
Clarksville, TN	Montgomery, TN	warm	Todd, KY	100
Clarksville, TN	Montgomery, TN	warm	Trigg, KY	52
Clarksville, TN	Montgomery, TN	warm	Trousdale, TN	29
Clarksville, TN	Montgomery, TN	warm	Union, KY	13
Clarksville, TN	Montgomery, TN	warm	Vanderburgh, IN	8
Clarksville, TN	Montgomery, TN	warm	Warren, KY	49
Clarksville, TN	Montgomery, TN	warm	Warren, TN	12
Clarksville, TN	Montgomery, TN	warm	Warrick, IN	8
Clarksville, TN	Montgomery, TN	warm	Wayne, TN	20
Clarksville, TN	Montgomery, TN	warm	Weakley, TN	9
Clarksville, TN	Montgomery, TN	warm	Webster, KY	25
Clarksville, TN	Montgomery, TN	warm	White, TN	10
Clarksville, TN	Montgomery, TN	warm	Williamson, TN	44
Clarksville, TN	Montgomery, TN	warm	Wilson, TN	28
Cleveland, OH	Cuyahoga, OH	cold	Allegheny, PA	6
Cleveland, OH	Cuyahoga, OH	cold	Allen, OH	10
Cleveland, OH	Cuyahoga, OH	cold	Armstrong, PA	5
Cleveland, OH	Cuyahoga, OH	cold	Ashland, OH	37
Cleveland, OH	Cuyahoga, OH	cold	Ashtabula, OH	23
Cleveland, OH	Cuyahoga, OH	cold	Beaver, PA	6
Cleveland, OH	Cuyahoga, OH	cold	Belmont, OH	8
Cleveland, OH	Cuyahoga, OH	cold	Brooke, WV	5
Cleveland, OH	Cuyahoga, OH	cold	Butler, PA	5
Cleveland, OH	Cuyahoga, OH	cold	Carroll, OH	13
Cleveland, OH	Cuyahoga, OH	cold	Cattaraugus, NY	0
Cleveland, OH	Cuyahoga, OH	cold	Chautauqua, NY	2
Cleveland, OH	Cuyahoga, OH	cold	Clarion, PA	4
Cleveland, OH	Cuyahoga, OH	cold	Columbiana, OH	11
Cleveland, OH	Cuyahoga, OH	cold	Coshocton, OH	26
Cleveland, OH	Cuyahoga, OH	cold	Crawford, OH	20

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Cleveland, OH	Cuyahoga, OH	cold	Crawford, PA	10
Cleveland, OH	Cuyahoga, OH	cold	Cuyahoga, OH	100
Cleveland, OH	Cuyahoga, OH	cold	Delaware, OH	18
Cleveland, OH	Cuyahoga, OH	cold	Elk, PA	1
Cleveland, OH	Cuyahoga, OH	cold	Erie, NY	0
Cleveland, OH	Cuyahoga, OH	cold	Erie, OH	39
Cleveland, OH	Cuyahoga, OH	cold	Erie, PA	8
Cleveland, OH	Cuyahoga, OH	cold	Fairfield, OH	20
Cleveland, OH	Cuyahoga, OH	cold	Forest, PA	3
Cleveland, OH	Cuyahoga, OH	cold	Franklin, OH	19
Cleveland, OH	Cuyahoga, OH	cold	Geauga, OH	59
Cleveland, OH	Cuyahoga, OH	cold	Guernsey, OH	19
Cleveland, OH	Cuyahoga, OH	cold	Hancock, OH	11
Cleveland, OH	Cuyahoga, OH	cold	Hancock, WV	6
Cleveland, OH	Cuyahoga, OH	cold	Hardin, OH	13
Cleveland, OH	Cuyahoga, OH	cold	Harrison, OH	10
Cleveland, OH	Cuyahoga, OH	cold	Henry, OH	7
Cleveland, OH	Cuyahoga, OH	cold	Holmes, OH	30
Cleveland, OH	Cuyahoga, OH	cold	Huron, OH	34
Cleveland, OH	Cuyahoga, OH	cold	Jefferson, OH	6
Cleveland, OH	Cuyahoga, OH	cold	Knox, OH	23
Cleveland, OH	Cuyahoga, OH	cold	Lake, OH	56
Cleveland, OH	Cuyahoga, OH	cold	Lawrence, PA	6
Cleveland, OH	Cuyahoga, OH	cold	Licking, OH	22
Cleveland, OH	Cuyahoga, OH	cold	Lorain, OH	73
Cleveland, OH	Cuyahoga, OH	cold	Lucas, OH	10
Cleveland, OH	Cuyahoga, OH	cold	Mahoning, OH	16
Cleveland, OH	Cuyahoga, OH	cold	Marion, OH	17
Cleveland, OH	Cuyahoga, OH	cold	McKean, PA	0
Cleveland, OH	Cuyahoga, OH	cold	Medina, OH	75
Cleveland, OH	Cuyahoga, OH	cold	Mercer, PA	8
Cleveland, OH	Cuyahoga, OH	cold	Morrow, OH	20
Cleveland, OH	Cuyahoga, OH	cold	Muskingum, OH	25
Cleveland, OH	Cuyahoga, OH	cold	Noble, OH	14
Cleveland, OH	Cuyahoga, OH	cold	Ohio, WV	5
Cleveland, OH	Cuyahoga, OH	cold	Ottawa, OH	18
Cleveland, OH	Cuyahoga, OH	cold	Perry, OH	21
Cleveland, OH	Cuyahoga, OH	cold	Portage, OH	50
Cleveland, OH	Cuyahoga, OH	cold	Putnam, OH	8
Cleveland, OH	Cuyahoga, OH	cold	Richland, OH	26
Cleveland, OH	Cuyahoga, OH	cold	Sandusky, OH	17
Cleveland, OH	Cuyahoga, OH	cold	Seneca, OH	17
Cleveland, OH	Cuyahoga, OH	cold	Stark, OH	32
Cleveland, OH	Cuyahoga, OH	cold	Summit, OH	72
Cleveland, OH	Cuyahoga, OH	cold	Trumbull, OH	22
Cleveland, OH	Cuyahoga, OH	cold	Tuscarawas, OH	22
Cleveland, OH	Cuyahoga, OH	cold	Union, OH	15
Cleveland, OH	Cuyahoga, OH	cold	Venango, PA	5
Cleveland, OH	Cuyahoga, OH	cold	Warren, PA	2

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Cleveland, OH	Cuyahoga, OH	cold	Washington, PA	5
Cleveland, OH	Cuyahoga, OH	cold	Wayne, OH	44
Cleveland, OH	Cuyahoga, OH	cold	Wood, OH	10
Cleveland, OH	Cuyahoga, OH	cold	Wyandot, OH	14
Cleveland, OH	Cuyahoga, OH	warm	Allegheny, PA	53
Cleveland, OH	Cuyahoga, OH	warm	Allen, OH	1
Cleveland, OH	Cuyahoga, OH	warm	Armstrong, PA	36
Cleveland, OH	Cuyahoga, OH	warm	Ashland, OH	40
Cleveland, OH	Cuyahoga, OH	warm	Ashtabula, OH	22
Cleveland, OH	Cuyahoga, OH	warm	Beaver, PA	51
Cleveland, OH	Cuyahoga, OH	warm	Belmont, OH	38
Cleveland, OH	Cuyahoga, OH	warm	Brooke, WV	44
Cleveland, OH	Cuyahoga, OH	warm	Butler, PA	42
Cleveland, OH	Cuyahoga, OH	warm	Carroll, OH	58
Cleveland, OH	Cuyahoga, OH	warm	Cattaraugus, NY	4
Cleveland, OH	Cuyahoga, OH	warm	Chautauqua, NY	10
Cleveland, OH	Cuyahoga, OH	warm	Clarion, PA	23
Cleveland, OH	Cuyahoga, OH	warm	Columbiana, OH	55
Cleveland, OH	Cuyahoga, OH	warm	Coshocton, OH	45
Cleveland, OH	Cuyahoga, OH	warm	Crawford, OH	11
Cleveland, OH	Cuyahoga, OH	warm	Crawford, PA	16
Cleveland, OH	Cuyahoga, OH	warm	Cuyahoga, OH	85
Cleveland, OH	Cuyahoga, OH	warm	Delaware, OH	14
Cleveland, OH	Cuyahoga, OH	warm	Elk, PA	5
Cleveland, OH	Cuyahoga, OH	warm	Erie, NY	5
Cleveland, OH	Cuyahoga, OH	warm	Erie, OH	15
Cleveland, OH	Cuyahoga, OH	warm	Erie, PA	13
Cleveland, OH	Cuyahoga, OH	warm	Fairfield, OH	21
Cleveland, OH	Cuyahoga, OH	warm	Forest, PA	11
Cleveland, OH	Cuyahoga, OH	warm	Franklin, OH	16
Cleveland, OH	Cuyahoga, OH	warm	Geauga, OH	54
Cleveland, OH	Cuyahoga, OH	warm	Guernsey, OH	38
Cleveland, OH	Cuyahoga, OH	warm	Hancock, OH	2
Cleveland, OH	Cuyahoga, OH	warm	Hancock, WV	50
Cleveland, OH	Cuyahoga, OH	warm	Hardin, OH	2
Cleveland, OH	Cuyahoga, OH	warm	Harrison, OH	46
Cleveland, OH	Cuyahoga, OH	warm	Henry, OH	1
Cleveland, OH	Cuyahoga, OH	warm	Holmes, OH	55
Cleveland, OH	Cuyahoga, OH	warm	Huron, OH	18
Cleveland, OH	Cuyahoga, OH	warm	Jefferson, OH	47
Cleveland, OH	Cuyahoga, OH	warm	Knox, OH	31
Cleveland, OH	Cuyahoga, OH	warm	Lake, OH	43
Cleveland, OH	Cuyahoga, OH	warm	Lawrence, PA	41
Cleveland, OH	Cuyahoga, OH	warm	Licking, OH	29
Cleveland, OH	Cuyahoga, OH	warm	Lorain, OH	49
Cleveland, OH	Cuyahoga, OH	warm	Lucas, OH	2
Cleveland, OH	Cuyahoga, OH	warm	Mahoning, OH	52
Cleveland, OH	Cuyahoga, OH	warm	Marion, OH	8
Cleveland, OH	Cuyahoga, OH	warm	McKean, PA	4

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Cleveland, OH	Cuyahoga, OH	warm	Medina, OH	83
Cleveland, OH	Cuyahoga, OH	warm	Mercer, PA	27
Cleveland, OH	Cuyahoga, OH	warm	Morrow, OH	16
Cleveland, OH	Cuyahoga, OH	warm	Muskingum, OH	32
Cleveland, OH	Cuyahoga, OH	warm	Noble, OH	35
Cleveland, OH	Cuyahoga, OH	warm	Ohio, WV	39
Cleveland, OH	Cuyahoga, OH	warm	Ottawa, OH	4
Cleveland, OH	Cuyahoga, OH	warm	Perry, OH	22
Cleveland, OH	Cuyahoga, OH	warm	Portage, OH	75
Cleveland, OH	Cuyahoga, OH	warm	Putnam, OH	1
Cleveland, OH	Cuyahoga, OH	warm	Richland, OH	24
Cleveland, OH	Cuyahoga, OH	warm	Sandusky, OH	5
Cleveland, OH	Cuyahoga, OH	warm	Seneca, OH	6
Cleveland, OH	Cuyahoga, OH	warm	Stark, OH	79
Cleveland, OH	Cuyahoga, OH	warm	Summit, OH	100
Cleveland, OH	Cuyahoga, OH	warm	Trumbull, OH	39
Cleveland, OH	Cuyahoga, OH	warm	Tuscarawas, OH	58
Cleveland, OH	Cuyahoga, OH	warm	Union, OH	6
Cleveland, OH	Cuyahoga, OH	warm	Venango, PA	20
Cleveland, OH	Cuyahoga, OH	warm	Warren, PA	9
Cleveland, OH	Cuyahoga, OH	warm	Washington, PA	44
Cleveland, OH	Cuyahoga, OH	warm	Wayne, OH	73
Cleveland, OH	Cuyahoga, OH	warm	Wood, OH	2
Cleveland, OH	Cuyahoga, OH	warm	Wyandot, OH	5
Cleveland, OH	Summit, OH	cold	Allegheny, PA	22
Cleveland, OH	Summit, OH	cold	Allen, OH	16
Cleveland, OH	Summit, OH	cold	Armstrong, PA	11
Cleveland, OH	Summit, OH	cold	Ashland, OH	59
Cleveland, OH	Summit, OH	cold	Ashtabula, OH	27
Cleveland, OH	Summit, OH	cold	Beaver, PA	22
Cleveland, OH	Summit, OH	cold	Belmont, OH	18
Cleveland, OH	Summit, OH	cold	Brooke, WV	18
Cleveland, OH	Summit, OH	cold	Butler, PA	13
Cleveland, OH	Summit, OH	cold	Carroll, OH	36
Cleveland, OH	Summit, OH	cold	Cattaraugus, NY	0
Cleveland, OH	Summit, OH	cold	Chautauqua, NY	2
Cleveland, OH	Summit, OH	cold	Clarion, PA	6
Cleveland, OH	Summit, OH	cold	Columbiana, OH	32
Cleveland, OH	Summit, OH	cold	Coshocton, OH	40
Cleveland, OH	Summit, OH	cold	Crawford, OH	35
Cleveland, OH	Summit, OH	cold	Crawford, PA	14
Cleveland, OH	Summit, OH	cold	Cuyahoga, OH	96
Cleveland, OH	Summit, OH	cold	Delaware, OH	28
Cleveland, OH	Summit, OH	cold	Elk, PA	2
Cleveland, OH	Summit, OH	cold	Erie, NY	0
Cleveland, OH	Summit, OH	cold	Erie, OH	55
Cleveland, OH	Summit, OH	cold	Erie, PA	10
Cleveland, OH	Summit, OH	cold	Fairfield, OH	26
Cleveland, OH	Summit, OH	cold	Forest, PA	4

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Cleveland, OH	Summit, OH	cold	Franklin, OH	25
Cleveland, OH	Summit, OH	cold	Geauga, OH	56
Cleveland, OH	Summit, OH	cold	Guernsey, OH	28
Cleveland, OH	Summit, OH	cold	Hancock, OH	21
Cleveland, OH	Summit, OH	cold	Hancock, WV	23
Cleveland, OH	Summit, OH	cold	Hardin, OH	23
Cleveland, OH	Summit, OH	cold	Harrison, OH	25
Cleveland, OH	Summit, OH	cold	Henry, OH	12
Cleveland, OH	Summit, OH	cold	Holmes, OH	51
Cleveland, OH	Summit, OH	cold	Huron, OH	53
Cleveland, OH	Summit, OH	cold	Jefferson, OH	22
Cleveland, OH	Summit, OH	cold	Knox, OH	37
Cleveland, OH	Summit, OH	cold	Lake, OH	46
Cleveland, OH	Summit, OH	cold	Lawrence, PA	15
Cleveland, OH	Summit, OH	cold	Licking, OH	31
Cleveland, OH	Summit, OH	cold	Lorain, OH	88
Cleveland, OH	Summit, OH	cold	Lucas, OH	13
Cleveland, OH	Summit, OH	cold	Mahoning, OH	35
Cleveland, OH	Summit, OH	cold	Marion, OH	30
Cleveland, OH	Summit, OH	cold	McKean, PA	1
Cleveland, OH	Summit, OH	cold	Medina, OH	99
Cleveland, OH	Summit, OH	cold	Mercer, PA	12
Cleveland, OH	Summit, OH	cold	Morrow, OH	34
Cleveland, OH	Summit, OH	cold	Muskingum, OH	30
Cleveland, OH	Summit, OH	cold	Noble, OH	22
Cleveland, OH	Summit, OH	cold	Ohio, WV	15
Cleveland, OH	Summit, OH	cold	Ottawa, OH	26
Cleveland, OH	Summit, OH	cold	Perry, OH	25
Cleveland, OH	Summit, OH	cold	Portage, OH	73
Cleveland, OH	Summit, OH	cold	Putnam, OH	15
Cleveland, OH	Summit, OH	cold	Richland, OH	45
Cleveland, OH	Summit, OH	cold	Sandusky, OH	28
Cleveland, OH	Summit, OH	cold	Seneca, OH	30
Cleveland, OH	Summit, OH	cold	Stark, OH	67
Cleveland, OH	Summit, OH	cold	Summit, OH	100
Cleveland, OH	Summit, OH	cold	Trumbull, OH	31
Cleveland, OH	Summit, OH	cold	Tuscarawas, OH	42
Cleveland, OH	Summit, OH	cold	Union, OH	25
Cleveland, OH	Summit, OH	cold	Venango, PA	6
Cleveland, OH	Summit, OH	cold	Warren, PA	3
Cleveland, OH	Summit, OH	cold	Washington, PA	18
Cleveland, OH	Summit, OH	cold	Wayne, OH	75
Cleveland, OH	Summit, OH	cold	Wood, OH	17
Cleveland, OH	Summit, OH	cold	Wyandot, OH	28
Cleveland, OH	Summit, OH	warm	Allegheny, PA	54
Cleveland, OH	Summit, OH	warm	Allen, OH	1
Cleveland, OH	Summit, OH	warm	Armstrong, PA	35
Cleveland, OH	Summit, OH	warm	Ashland, OH	39
Cleveland, OH	Summit, OH	warm	Ashtabula, OH	24

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Cleveland, OH	Summit, OH	warm	Beaver, PA	54
Cleveland, OH	Summit, OH	warm	Belmont, OH	35
Cleveland, OH	Summit, OH	warm	Brooke, WV	43
Cleveland, OH	Summit, OH	warm	Butler, PA	42
Cleveland, OH	Summit, OH	warm	Carroll, OH	59
Cleveland, OH	Summit, OH	warm	Cattaraugus, NY	6
Cleveland, OH	Summit, OH	warm	Chautauqua, NY	13
Cleveland, OH	Summit, OH	warm	Clarion, PA	22
Cleveland, OH	Summit, OH	warm	Columbiana, OH	59
Cleveland, OH	Summit, OH	warm	Coshocton, OH	42
Cleveland, OH	Summit, OH	warm	Crawford, OH	10
Cleveland, OH	Summit, OH	warm	Crawford, PA	19
Cleveland, OH	Summit, OH	warm	Cuyahoga, OH	79
Cleveland, OH	Summit, OH	warm	Delaware, OH	14
Cleveland, OH	Summit, OH	warm	Elk, PA	6
Cleveland, OH	Summit, OH	warm	Erie, NY	6
Cleveland, OH	Summit, OH	warm	Erie, OH	16
Cleveland, OH	Summit, OH	warm	Erie, PA	17
Cleveland, OH	Summit, OH	warm	Fairfield, OH	26
Cleveland, OH	Summit, OH	warm	Forest, PA	12
Cleveland, OH	Summit, OH	warm	Franklin, OH	19
Cleveland, OH	Summit, OH	warm	Geauga, OH	52
Cleveland, OH	Summit, OH	warm	Guernsey, OH	35
Cleveland, OH	Summit, OH	warm	Hancock, OH	1
Cleveland, OH	Summit, OH	warm	Hancock, WV	52
Cleveland, OH	Summit, OH	warm	Hardin, OH	2
Cleveland, OH	Summit, OH	warm	Harrison, OH	44
Cleveland, OH	Summit, OH	warm	Henry, OH	0
Cleveland, OH	Summit, OH	warm	Holmes, OH	52
Cleveland, OH	Summit, OH	warm	Huron, OH	19
Cleveland, OH	Summit, OH	warm	Jefferson, OH	46
Cleveland, OH	Summit, OH	warm	Knox, OH	30
Cleveland, OH	Summit, OH	warm	Lake, OH	40
Cleveland, OH	Summit, OH	warm	Lawrence, PA	43
Cleveland, OH	Summit, OH	warm	Licking, OH	30
Cleveland, OH	Summit, OH	warm	Lorain, OH	49
Cleveland, OH	Summit, OH	warm	Lucas, OH	2
Cleveland, OH	Summit, OH	warm	Mahoning, OH	57
Cleveland, OH	Summit, OH	warm	Marion, OH	7
Cleveland, OH	Summit, OH	warm	McKean, PA	5
Cleveland, OH	Summit, OH	warm	Medina, OH	81
Cleveland, OH	Summit, OH	warm	Mercer, PA	29
Cleveland, OH	Summit, OH	warm	Morrow, OH	16
Cleveland, OH	Summit, OH	warm	Muskingum, OH	31
Cleveland, OH	Summit, OH	warm	Noble, OH	32
Cleveland, OH	Summit, OH	warm	Ohio, WV	37
Cleveland, OH	Summit, OH	warm	Ottawa, OH	4
Cleveland, OH	Summit, OH	warm	Perry, OH	25
Cleveland, OH	Summit, OH	warm	Portage, OH	79

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Cleveland, OH	Summit, OH	warm	Putnam, OH	1
Cleveland, OH	Summit, OH	warm	Richland, OH	23
Cleveland, OH	Summit, OH	warm	Sandusky, OH	5
Cleveland, OH	Summit, OH	warm	Seneca, OH	6
Cleveland, OH	Summit, OH	warm	Stark, OH	83
Cleveland, OH	Summit, OH	warm	Summit, OH	100
Cleveland, OH	Summit, OH	warm	Trumbull, OH	40
Cleveland, OH	Summit, OH	warm	Tuscarawas, OH	56
Cleveland, OH	Summit, OH	warm	Union, OH	6
Cleveland, OH	Summit, OH	warm	Venango, PA	21
Cleveland, OH	Summit, OH	warm	Warren, PA	11
Cleveland, OH	Summit, OH	warm	Washington, PA	44
Cleveland, OH	Summit, OH	warm	Wayne, OH	71
Cleveland, OH	Summit, OH	warm	Wood, OH	2
Cleveland, OH	Summit, OH	warm	Wyandot, OH	4
Columbus, GA	Muscogee, GA	cold	Autauga, AL	36
Columbus, GA	Muscogee, GA	cold	Baker, GA	16
Columbus, GA	Muscogee, GA	cold	Barbour, AL	41
Columbus, GA	Muscogee, GA	cold	Bay, FL	2
Columbus, GA	Muscogee, GA	cold	Bibb, AL	24
Columbus, GA	Muscogee, GA	cold	Bibb, GA	24
Columbus, GA	Muscogee, GA	cold	Bullock, AL	49
Columbus, GA	Muscogee, GA	cold	Butler, AL	22
Columbus, GA	Muscogee, GA	cold	Butts, GA	20
Columbus, GA	Muscogee, GA	cold	Calhoun, AL	12
Columbus, GA	Muscogee, GA	cold	Calhoun, FL	2
Columbus, GA	Muscogee, GA	cold	Calhoun, GA	21
Columbus, GA	Muscogee, GA	cold	Carroll, GA	16
Columbus, GA	Muscogee, GA	cold	Chambers, AL	63
Columbus, GA	Muscogee, GA	cold	Chattahoochee, GA	92
Columbus, GA	Muscogee, GA	cold	Cherokee, AL	7
Columbus, GA	Muscogee, GA	cold	Chilton, AL	35
Columbus, GA	Muscogee, GA	cold	Clarke, AL	8
Columbus, GA	Muscogee, GA	cold	Clay, AL	28
Columbus, GA	Muscogee, GA	cold	Clay, GA	27
Columbus, GA	Muscogee, GA	cold	Clayton, GA	14
Columbus, GA	Muscogee, GA	cold	Cleburne, AL	14
Columbus, GA	Muscogee, GA	cold	Coffee, AL	17
Columbus, GA	Muscogee, GA	cold	Conecuh, AL	17
Columbus, GA	Muscogee, GA	cold	Coosa, AL	42
Columbus, GA	Muscogee, GA	cold	Covington, AL	17
Columbus, GA	Muscogee, GA	cold	Coweta, GA	25
Columbus, GA	Muscogee, GA	cold	Crawford, GA	37
Columbus, GA	Muscogee, GA	cold	Crenshaw, AL	25
Columbus, GA	Muscogee, GA	cold	Crisp, GA	17
Columbus, GA	Muscogee, GA	cold	Dale, AL	16
Columbus, GA	Muscogee, GA	cold	Dallas, AL	22
Columbus, GA	Muscogee, GA	cold	Decatur, GA	10
Columbus, GA	Muscogee, GA	cold	Dooly, GA	24

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Columbus, GA	Muscogee, GA	cold	Dougherty, GA	18
Columbus, GA	Muscogee, GA	cold	Douglas, GA	11
Columbus, GA	Muscogee, GA	cold	Early, GA	14
Columbus, GA	Muscogee, GA	cold	Elmore, AL	50
Columbus, GA	Muscogee, GA	cold	Escambia, AL	13
Columbus, GA	Muscogee, GA	cold	Fayette, GA	20
Columbus, GA	Muscogee, GA	cold	Fulton, GA	9
Columbus, GA	Muscogee, GA	cold	Gadsden, FL	7
Columbus, GA	Muscogee, GA	cold	Geneva, AL	9
Columbus, GA	Muscogee, GA	cold	Hale, AL	16
Columbus, GA	Muscogee, GA	cold	Haralson, GA	10
Columbus, GA	Muscogee, GA	cold	Harris, GA	87
Columbus, GA	Muscogee, GA	cold	Heard, GA	30
Columbus, GA	Muscogee, GA	cold	Henry, AL	19
Columbus, GA	Muscogee, GA	cold	Henry, GA	17
Columbus, GA	Muscogee, GA	cold	Holmes, FL	5
Columbus, GA	Muscogee, GA	cold	Houston, AL	8
Columbus, GA	Muscogee, GA	cold	Houston, GA	24
Columbus, GA	Muscogee, GA	cold	Jackson, FL	4
Columbus, GA	Muscogee, GA	cold	Jasper, GA	15
Columbus, GA	Muscogee, GA	cold	Jefferson, AL	14
Columbus, GA	Muscogee, GA	cold	Jones, GA	17
Columbus, GA	Muscogee, GA	cold	Lamar, GA	31
Columbus, GA	Muscogee, GA	cold	Lee, AL	87
Columbus, GA	Muscogee, GA	cold	Lee, GA	23
Columbus, GA	Muscogee, GA	cold	Liberty, FL	3
Columbus, GA	Muscogee, GA	cold	Lowndes, AL	28
Columbus, GA	Muscogee, GA	cold	Macon, AL	66
Columbus, GA	Muscogee, GA	cold	Macon, GA	40
Columbus, GA	Muscogee, GA	cold	Marengo, AL	12
Columbus, GA	Muscogee, GA	cold	Marion, GA	78
Columbus, GA	Muscogee, GA	cold	Meriwether, GA	51
Columbus, GA	Muscogee, GA	cold	Miller, GA	11
Columbus, GA	Muscogee, GA	cold	Mitchell, GA	14
Columbus, GA	Muscogee, GA	cold	Monroe, AL	12
Columbus, GA	Muscogee, GA	cold	Monroe, GA	28
Columbus, GA	Muscogee, GA	cold	Montgomery, AL	39
Columbus, GA	Muscogee, GA	cold	Muscogee, GA	100
Columbus, GA	Muscogee, GA	cold	Okaloosa, FL	6
Columbus, GA	Muscogee, GA	cold	Paulding, GA	7
Columbus, GA	Muscogee, GA	cold	Peach, GA	31
Columbus, GA	Muscogee, GA	cold	Perry, AL	22
Columbus, GA	Muscogee, GA	cold	Pike, AL	29
Columbus, GA	Muscogee, GA	cold	Pike, GA	38
Columbus, GA	Muscogee, GA	cold	Polk, GA	7
Columbus, GA	Muscogee, GA	cold	Pulaski, GA	16
Columbus, GA	Muscogee, GA	cold	Quitman, GA	44
Columbus, GA	Muscogee, GA	cold	Randolph, AL	29
Columbus, GA	Muscogee, GA	cold	Randolph, GA	35

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Columbus, GA	Muscogee, GA	cold	Russell, AL	85
Columbus, GA	Muscogee, GA	cold	Schley, GA	58
Columbus, GA	Muscogee, GA	cold	Seminole, GA	7
Columbus, GA	Muscogee, GA	cold	Shelby, AL	26
Columbus, GA	Muscogee, GA	cold	Spalding, GA	26
Columbus, GA	Muscogee, GA	cold	St. Clair, AL	13
Columbus, GA	Muscogee, GA	cold	Stewart, GA	67
Columbus, GA	Muscogee, GA	cold	Sumter, GA	37
Columbus, GA	Muscogee, GA	cold	Talbot, GA	76
Columbus, GA	Muscogee, GA	cold	Talladega, AL	23
Columbus, GA	Muscogee, GA	cold	Tallapoosa, AL	53
Columbus, GA	Muscogee, GA	cold	Taylor, GA	58
Columbus, GA	Muscogee, GA	cold	Terrell, GA	31
Columbus, GA	Muscogee, GA	cold	Troup, GA	55
Columbus, GA	Muscogee, GA	cold	Turner, GA	12
Columbus, GA	Muscogee, GA	cold	Tuscaloosa, AL	12
Columbus, GA	Muscogee, GA	cold	Upson, GA	49
Columbus, GA	Muscogee, GA	cold	Walton, FL	4
Columbus, GA	Muscogee, GA	cold	Washington, FL	3
Columbus, GA	Muscogee, GA	cold	Webster, GA	55
Columbus, GA	Muscogee, GA	cold	Wilcox, AL	15
Columbus, GA	Muscogee, GA	cold	Wilcox, GA	12
Columbus, GA	Muscogee, GA	cold	Worth, GA	13
Columbus, GA	Muscogee, GA	warm	Autauga, AL	30
Columbus, GA	Muscogee, GA	warm	Baker, GA	6
Columbus, GA	Muscogee, GA	warm	Barbour, AL	38
Columbus, GA	Muscogee, GA	warm	Bay, FL	2
Columbus, GA	Muscogee, GA	warm	Bibb, AL	8
Columbus, GA	Muscogee, GA	warm	Bibb, GA	2
Columbus, GA	Muscogee, GA	warm	Bullock, AL	56
Columbus, GA	Muscogee, GA	warm	Butler, AL	23
Columbus, GA	Muscogee, GA	warm	Butts, GA	1
Columbus, GA	Muscogee, GA	warm	Calhoun, AL	25
Columbus, GA	Muscogee, GA	warm	Calhoun, FL	2
Columbus, GA	Muscogee, GA	warm	Calhoun, GA	8
Columbus, GA	Muscogee, GA	warm	Carroll, GA	26
Columbus, GA	Muscogee, GA	warm	Chambers, AL	68
Columbus, GA	Muscogee, GA	warm	Chattahoochee, GA	74
Columbus, GA	Muscogee, GA	warm	Cherokee, AL	22
Columbus, GA	Muscogee, GA	warm	Chilton, AL	25
Columbus, GA	Muscogee, GA	warm	Clarke, AL	6
Columbus, GA	Muscogee, GA	warm	Clay, AL	33
Columbus, GA	Muscogee, GA	warm	Clay, GA	14
Columbus, GA	Muscogee, GA	warm	Clayton, GA	6
Columbus, GA	Muscogee, GA	warm	Cleburne, AL	26
Columbus, GA	Muscogee, GA	warm	Coffee, AL	15
Columbus, GA	Muscogee, GA	warm	Conecuh, AL	9
Columbus, GA	Muscogee, GA	warm	Coosa, AL	44
Columbus, GA	Muscogee, GA	warm	Covington, AL	9

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Columbus, GA	Muscogee, GA	warm	Coweta, GA	23
Columbus, GA	Muscogee, GA	warm	Crawford, GA	2
Columbus, GA	Muscogee, GA	warm	Crenshaw, AL	27
Columbus, GA	Muscogee, GA	warm	Crisp, GA	7
Columbus, GA	Muscogee, GA	warm	Dale, AL	11
Columbus, GA	Muscogee, GA	warm	Dallas, AL	17
Columbus, GA	Muscogee, GA	warm	Decatur, GA	3
Columbus, GA	Muscogee, GA	warm	Dooly, GA	5
Columbus, GA	Muscogee, GA	warm	Dougherty, GA	8
Columbus, GA	Muscogee, GA	warm	Douglas, GA	16
Columbus, GA	Muscogee, GA	warm	Early, GA	5
Columbus, GA	Muscogee, GA	warm	Elmore, AL	56
Columbus, GA	Muscogee, GA	warm	Escambia, AL	3
Columbus, GA	Muscogee, GA	warm	Fayette, GA	10
Columbus, GA	Muscogee, GA	warm	Fulton, GA	8
Columbus, GA	Muscogee, GA	warm	Gadsden, FL	2
Columbus, GA	Muscogee, GA	warm	Geneva, AL	9
Columbus, GA	Muscogee, GA	warm	Hale, AL	4
Columbus, GA	Muscogee, GA	warm	Haralson, GA	23
Columbus, GA	Muscogee, GA	warm	Harris, GA	87
Columbus, GA	Muscogee, GA	warm	Heard, GA	39
Columbus, GA	Muscogee, GA	warm	Henry, AL	10
Columbus, GA	Muscogee, GA	warm	Henry, GA	3
Columbus, GA	Muscogee, GA	warm	Holmes, FL	7
Columbus, GA	Muscogee, GA	warm	Houston, AL	4
Columbus, GA	Muscogee, GA	warm	Houston, GA	3
Columbus, GA	Muscogee, GA	warm	Jackson, FL	3
Columbus, GA	Muscogee, GA	warm	Jasper, GA	1
Columbus, GA	Muscogee, GA	warm	Jefferson, AL	12
Columbus, GA	Muscogee, GA	warm	Jones, GA	1
Columbus, GA	Muscogee, GA	warm	Lamar, GA	2
Columbus, GA	Muscogee, GA	warm	Lee, AL	100
Columbus, GA	Muscogee, GA	warm	Lee, GA	8
Columbus, GA	Muscogee, GA	warm	Liberty, FL	1
Columbus, GA	Muscogee, GA	warm	Lowndes, AL	32
Columbus, GA	Muscogee, GA	warm	Macon, AL	75
Columbus, GA	Muscogee, GA	warm	Macon, GA	5
Columbus, GA	Muscogee, GA	warm	Marengo, AL	8
Columbus, GA	Muscogee, GA	warm	Marion, GA	29
Columbus, GA	Muscogee, GA	warm	Meriwether, GA	32
Columbus, GA	Muscogee, GA	warm	Miller, GA	4
Columbus, GA	Muscogee, GA	warm	Mitchell, GA	7
Columbus, GA	Muscogee, GA	warm	Monroe, AL	8
Columbus, GA	Muscogee, GA	warm	Monroe, GA	1
Columbus, GA	Muscogee, GA	warm	Montgomery, AL	48
Columbus, GA	Muscogee, GA	warm	Muscogee, GA	99
Columbus, GA	Muscogee, GA	warm	Okaloosa, FL	3
Columbus, GA	Muscogee, GA	warm	Paulding, GA	14
Columbus, GA	Muscogee, GA	warm	Peach, GA	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Columbus, GA	Muscogee, GA	warm	Perry, AL	8
Columbus, GA	Muscogee, GA	warm	Pike, AL	32
Columbus, GA	Muscogee, GA	warm	Pike, GA	7
Columbus, GA	Muscogee, GA	warm	Polk, GA	19
Columbus, GA	Muscogee, GA	warm	Pulaski, GA	3
Columbus, GA	Muscogee, GA	warm	Quitman, GA	32
Columbus, GA	Muscogee, GA	warm	Randolph, AL	35
Columbus, GA	Muscogee, GA	warm	Randolph, GA	16
Columbus, GA	Muscogee, GA	warm	Russell, AL	99
Columbus, GA	Muscogee, GA	warm	Schley, GA	11
Columbus, GA	Muscogee, GA	warm	Seminole, GA	3
Columbus, GA	Muscogee, GA	warm	Shelby, AL	23
Columbus, GA	Muscogee, GA	warm	Spalding, GA	5
Columbus, GA	Muscogee, GA	warm	St. Clair, AL	19
Columbus, GA	Muscogee, GA	warm	Stewart, GA	50
Columbus, GA	Muscogee, GA	warm	Sumter, GA	8
Columbus, GA	Muscogee, GA	warm	Talbot, GA	28
Columbus, GA	Muscogee, GA	warm	Talladega, AL	29
Columbus, GA	Muscogee, GA	warm	Tallapoosa, AL	56
Columbus, GA	Muscogee, GA	warm	Taylor, GA	7
Columbus, GA	Muscogee, GA	warm	Terrell, GA	10
Columbus, GA	Muscogee, GA	warm	Troup, GA	61
Columbus, GA	Muscogee, GA	warm	Turner, GA	8
Columbus, GA	Muscogee, GA	warm	Tuscaloosa, AL	2
Columbus, GA	Muscogee, GA	warm	Upson, GA	6
Columbus, GA	Muscogee, GA	warm	Walton, FL	5
Columbus, GA	Muscogee, GA	warm	Washington, FL	3
Columbus, GA	Muscogee, GA	warm	Webster, GA	20
Columbus, GA	Muscogee, GA	warm	Wilcox, AL	15
Columbus, GA	Muscogee, GA	warm	Wilcox, GA	4
Columbus, GA	Muscogee, GA	warm	Worth, GA	9
Columbus, GA	Russell, AL	cold	Autauga, AL	24
Columbus, GA	Russell, AL	cold	Baker, GA	5
Columbus, GA	Russell, AL	cold	Barbour, AL	27
Columbus, GA	Russell, AL	cold	Bay, FL	2
Columbus, GA	Russell, AL	cold	Bibb, AL	16
Columbus, GA	Russell, AL	cold	Bibb, GA	18
Columbus, GA	Russell, AL	cold	Bullock, AL	35
Columbus, GA	Russell, AL	cold	Butler, AL	14
Columbus, GA	Russell, AL	cold	Butts, GA	18
Columbus, GA	Russell, AL	cold	Calhoun, AL	13
Columbus, GA	Russell, AL	cold	Calhoun, FL	2
Columbus, GA	Russell, AL	cold	Calhoun, GA	9
Columbus, GA	Russell, AL	cold	Carroll, GA	24
Columbus, GA	Russell, AL	cold	Chambers, AL	57
Columbus, GA	Russell, AL	cold	Chattahoochee, GA	87
Columbus, GA	Russell, AL	cold	Cherokee, AL	6
Columbus, GA	Russell, AL	cold	Chilton, AL	23
Columbus, GA	Russell, AL	cold	Clarke, AL	5

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Columbus, GA	Russell, AL	cold	Clay, AL	26
Columbus, GA	Russell, AL	cold	Clay, GA	13
Columbus, GA	Russell, AL	cold	Clayton, GA	13
Columbus, GA	Russell, AL	cold	Cleburne, AL	20
Columbus, GA	Russell, AL	cold	Coffee, AL	10
Columbus, GA	Russell, AL	cold	Conecuh, AL	11
Columbus, GA	Russell, AL	cold	Coosa, AL	28
Columbus, GA	Russell, AL	cold	Covington, AL	10
Columbus, GA	Russell, AL	cold	Coweta, GA	31
Columbus, GA	Russell, AL	cold	Crawford, GA	27
Columbus, GA	Russell, AL	cold	Crenshaw, AL	16
Columbus, GA	Russell, AL	cold	Crisp, GA	12
Columbus, GA	Russell, AL	cold	Dale, AL	8
Columbus, GA	Russell, AL	cold	Dallas, AL	16
Columbus, GA	Russell, AL	cold	Decatur, GA	2
Columbus, GA	Russell, AL	cold	Dooly, GA	17
Columbus, GA	Russell, AL	cold	Dougherty, GA	8
Columbus, GA	Russell, AL	cold	Douglas, GA	14
Columbus, GA	Russell, AL	cold	Early, GA	5
Columbus, GA	Russell, AL	cold	Elmore, AL	35
Columbus, GA	Russell, AL	cold	Escambia, AL	8
Columbus, GA	Russell, AL	cold	Fayette, GA	21
Columbus, GA	Russell, AL	cold	Fulton, GA	10
Columbus, GA	Russell, AL	cold	Gadsden, FL	1
Columbus, GA	Russell, AL	cold	Geneva, AL	5
Columbus, GA	Russell, AL	cold	Hale, AL	11
Columbus, GA	Russell, AL	cold	Haralson, GA	14
Columbus, GA	Russell, AL	cold	Harris, GA	84
Columbus, GA	Russell, AL	cold	Heard, GA	40
Columbus, GA	Russell, AL	cold	Henry, AL	9
Columbus, GA	Russell, AL	cold	Henry, GA	15
Columbus, GA	Russell, AL	cold	Holmes, FL	3
Columbus, GA	Russell, AL	cold	Houston, AL	3
Columbus, GA	Russell, AL	cold	Houston, GA	15
Columbus, GA	Russell, AL	cold	Jackson, FL	2
Columbus, GA	Russell, AL	cold	Jasper, GA	15
Columbus, GA	Russell, AL	cold	Jefferson, AL	9
Columbus, GA	Russell, AL	cold	Jones, GA	17
Columbus, GA	Russell, AL	cold	Lamar, GA	25
Columbus, GA	Russell, AL	cold	Lee, AL	81
Columbus, GA	Russell, AL	cold	Lee, GA	13
Columbus, GA	Russell, AL	cold	Liberty, FL	1
Columbus, GA	Russell, AL	cold	Lowndes, AL	19
Columbus, GA	Russell, AL	cold	Macon, AL	53
Columbus, GA	Russell, AL	cold	Macon, GA	29
Columbus, GA	Russell, AL	cold	Marengo, AL	9
Columbus, GA	Russell, AL	cold	Marion, GA	68
Columbus, GA	Russell, AL	cold	Meriwether, GA	47
Columbus, GA	Russell, AL	cold	Miller, GA	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Columbus, GA	Russell, AL	cold	Mitchell, GA	4
Columbus, GA	Russell, AL	cold	Monroe, AL	8
Columbus, GA	Russell, AL	cold	Monroe, GA	23
Columbus, GA	Russell, AL	cold	Montgomery, AL	26
Columbus, GA	Russell, AL	cold	Muscogee, GA	100
Columbus, GA	Russell, AL	cold	Okaloosa, FL	4
Columbus, GA	Russell, AL	cold	Paulding, GA	8
Columbus, GA	Russell, AL	cold	Peach, GA	21
Columbus, GA	Russell, AL	cold	Perry, AL	16
Columbus, GA	Russell, AL	cold	Pike, AL	18
Columbus, GA	Russell, AL	cold	Pike, GA	32
Columbus, GA	Russell, AL	cold	Polk, GA	8
Columbus, GA	Russell, AL	cold	Pulaski, GA	12
Columbus, GA	Russell, AL	cold	Quitman, GA	26
Columbus, GA	Russell, AL	cold	Randolph, AL	37
Columbus, GA	Russell, AL	cold	Randolph, GA	18
Columbus, GA	Russell, AL	cold	Russell, AL	77
Columbus, GA	Russell, AL	cold	Schley, GA	45
Columbus, GA	Russell, AL	cold	Seminole, GA	2
Columbus, GA	Russell, AL	cold	Shelby, AL	17
Columbus, GA	Russell, AL	cold	Spalding, GA	23
Columbus, GA	Russell, AL	cold	St. Clair, AL	10
Columbus, GA	Russell, AL	cold	Stewart, GA	51
Columbus, GA	Russell, AL	cold	Sumter, GA	25
Columbus, GA	Russell, AL	cold	Talbot, GA	67
Columbus, GA	Russell, AL	cold	Talladega, AL	18
Columbus, GA	Russell, AL	cold	Tallapoosa, AL	40
Columbus, GA	Russell, AL	cold	Taylor, GA	46
Columbus, GA	Russell, AL	cold	Terrell, GA	17
Columbus, GA	Russell, AL	cold	Troup, GA	54
Columbus, GA	Russell, AL	cold	Turner, GA	9
Columbus, GA	Russell, AL	cold	Tuscaloosa, AL	8
Columbus, GA	Russell, AL	cold	Upson, GA	39
Columbus, GA	Russell, AL	cold	Walton, FL	3
Columbus, GA	Russell, AL	cold	Washington, FL	2
Columbus, GA	Russell, AL	cold	Webster, GA	38
Columbus, GA	Russell, AL	cold	Wilcox, AL	10
Columbus, GA	Russell, AL	cold	Wilcox, GA	10
Columbus, GA	Russell, AL	cold	Worth, GA	7
Columbus, GA	Russell, AL	warm	Autauga, AL	21
Columbus, GA	Russell, AL	warm	Baker, GA	4
Columbus, GA	Russell, AL	warm	Barbour, AL	24
Columbus, GA	Russell, AL	warm	Bay, FL	1
Columbus, GA	Russell, AL	warm	Bibb, AL	8
Columbus, GA	Russell, AL	warm	Bibb, GA	13
Columbus, GA	Russell, AL	warm	Bullock, AL	39
Columbus, GA	Russell, AL	warm	Butler, AL	17
Columbus, GA	Russell, AL	warm	Butts, GA	16
Columbus, GA	Russell, AL	warm	Calhoun, AL	23

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Columbus, GA	Russell, AL	warm	Calhoun, FL	1
Columbus, GA	Russell, AL	warm	Calhoun, GA	5
Columbus, GA	Russell, AL	warm	Carroll, GA	36
Columbus, GA	Russell, AL	warm	Chambers, AL	61
Columbus, GA	Russell, AL	warm	Chattahoochee, GA	76
Columbus, GA	Russell, AL	warm	Cherokee, AL	23
Columbus, GA	Russell, AL	warm	Chilton, AL	20
Columbus, GA	Russell, AL	warm	Clarke, AL	4
Columbus, GA	Russell, AL	warm	Clay, AL	28
Columbus, GA	Russell, AL	warm	Clay, GA	7
Columbus, GA	Russell, AL	warm	Clayton, GA	21
Columbus, GA	Russell, AL	warm	Cleburne, AL	29
Columbus, GA	Russell, AL	warm	Coffee, AL	9
Columbus, GA	Russell, AL	warm	Conecuh, AL	6
Columbus, GA	Russell, AL	warm	Coosa, AL	34
Columbus, GA	Russell, AL	warm	Covington, AL	6
Columbus, GA	Russell, AL	warm	Coweta, GA	34
Columbus, GA	Russell, AL	warm	Crawford, GA	15
Columbus, GA	Russell, AL	warm	Crenshaw, AL	18
Columbus, GA	Russell, AL	warm	Crisp, GA	5
Columbus, GA	Russell, AL	warm	Dale, AL	6
Columbus, GA	Russell, AL	warm	Dallas, AL	12
Columbus, GA	Russell, AL	warm	Decatur, GA	2
Columbus, GA	Russell, AL	warm	Dooly, GA	6
Columbus, GA	Russell, AL	warm	Dougherty, GA	6
Columbus, GA	Russell, AL	warm	Douglas, GA	30
Columbus, GA	Russell, AL	warm	Early, GA	3
Columbus, GA	Russell, AL	warm	Elmore, AL	41
Columbus, GA	Russell, AL	warm	Escambia, AL	3
Columbus, GA	Russell, AL	warm	Fayette, GA	24
Columbus, GA	Russell, AL	warm	Fulton, GA	20
Columbus, GA	Russell, AL	warm	Gadsden, FL	1
Columbus, GA	Russell, AL	warm	Geneva, AL	6
Columbus, GA	Russell, AL	warm	Hale, AL	3
Columbus, GA	Russell, AL	warm	Haralson, GA	32
Columbus, GA	Russell, AL	warm	Harris, GA	87
Columbus, GA	Russell, AL	warm	Heard, GA	43
Columbus, GA	Russell, AL	warm	Henry, AL	5
Columbus, GA	Russell, AL	warm	Henry, GA	18
Columbus, GA	Russell, AL	warm	Holmes, FL	5
Columbus, GA	Russell, AL	warm	Houston, AL	3
Columbus, GA	Russell, AL	warm	Houston, GA	8
Columbus, GA	Russell, AL	warm	Jackson, FL	2
Columbus, GA	Russell, AL	warm	Jasper, GA	15
Columbus, GA	Russell, AL	warm	Jefferson, AL	18
Columbus, GA	Russell, AL	warm	Jones, GA	14
Columbus, GA	Russell, AL	warm	Lamar, GA	18
Columbus, GA	Russell, AL	warm	Lee, AL	90
Columbus, GA	Russell, AL	warm	Lee, GA	7

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Columbus, GA	Russell, AL	warm	Liberty, FL	1
Columbus, GA	Russell, AL	warm	Lowndes, AL	22
Columbus, GA	Russell, AL	warm	Macon, AL	58
Columbus, GA	Russell, AL	warm	Macon, GA	11
Columbus, GA	Russell, AL	warm	Marengo, AL	6
Columbus, GA	Russell, AL	warm	Marion, GA	41
Columbus, GA	Russell, AL	warm	Meriwether, GA	41
Columbus, GA	Russell, AL	warm	Miller, GA	3
Columbus, GA	Russell, AL	warm	Mitchell, GA	4
Columbus, GA	Russell, AL	warm	Monroe, AL	6
Columbus, GA	Russell, AL	warm	Monroe, GA	16
Columbus, GA	Russell, AL	warm	Montgomery, AL	33
Columbus, GA	Russell, AL	warm	Muscogee, GA	100
Columbus, GA	Russell, AL	warm	Okaloosa, FL	2
Columbus, GA	Russell, AL	warm	Paulding, GA	26
Columbus, GA	Russell, AL	warm	Peach, GA	11
Columbus, GA	Russell, AL	warm	Perry, AL	6
Columbus, GA	Russell, AL	warm	Pike, AL	20
Columbus, GA	Russell, AL	warm	Pike, GA	22
Columbus, GA	Russell, AL	warm	Polk, GA	27
Columbus, GA	Russell, AL	warm	Pulaski, GA	5
Columbus, GA	Russell, AL	warm	Quitman, GA	20
Columbus, GA	Russell, AL	warm	Randolph, AL	35
Columbus, GA	Russell, AL	warm	Randolph, GA	10
Columbus, GA	Russell, AL	warm	Russell, AL	84
Columbus, GA	Russell, AL	warm	Schley, GA	19
Columbus, GA	Russell, AL	warm	Seminole, GA	2
Columbus, GA	Russell, AL	warm	Shelby, AL	21
Columbus, GA	Russell, AL	warm	Spalding, GA	20
Columbus, GA	Russell, AL	warm	St. Clair, AL	19
Columbus, GA	Russell, AL	warm	Stewart, GA	42
Columbus, GA	Russell, AL	warm	Sumter, GA	9
Columbus, GA	Russell, AL	warm	Talbot, GA	44
Columbus, GA	Russell, AL	warm	Talladega, AL	25
Columbus, GA	Russell, AL	warm	Tallapoosa, AL	45
Columbus, GA	Russell, AL	warm	Taylor, GA	21
Columbus, GA	Russell, AL	warm	Terrell, GA	8
Columbus, GA	Russell, AL	warm	Troup, GA	59
Columbus, GA	Russell, AL	warm	Turner, GA	6
Columbus, GA	Russell, AL	warm	Tuscaloosa, AL	5
Columbus, GA	Russell, AL	warm	Upson, GA	22
Columbus, GA	Russell, AL	warm	Walton, FL	3
Columbus, GA	Russell, AL	warm	Washington, FL	2
Columbus, GA	Russell, AL	warm	Webster, GA	20
Columbus, GA	Russell, AL	warm	Wilcox, AL	12
Columbus, GA	Russell, AL	warm	Wilcox, GA	4
Columbus, GA	Russell, AL	warm	Worth, GA	6
Columbus, OH	Franklin, OH	cold	Adams, IN	7
Columbus, OH	Franklin, OH	cold	Adams, OH	21

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Columbus, OH	Franklin, OH	cold	Allen, IN	4
Columbus, OH	Franklin, OH	cold	Allen, OH	12
Columbus, OH	Franklin, OH	cold	Ashland, OH	15
Columbus, OH	Franklin, OH	cold	Athens, OH	43
Columbus, OH	Franklin, OH	cold	Auglaize, OH	14
Columbus, OH	Franklin, OH	cold	Belmont, OH	31
Columbus, OH	Franklin, OH	cold	Boone, KY	13
Columbus, OH	Franklin, OH	cold	Boyd, KY	11
Columbus, OH	Franklin, OH	cold	Bracken, KY	13
Columbus, OH	Franklin, OH	cold	Brown, OH	18
Columbus, OH	Franklin, OH	cold	Butler, OH	17
Columbus, OH	Franklin, OH	cold	Cabell, WV	10
Columbus, OH	Franklin, OH	cold	Campbell, KY	14
Columbus, OH	Franklin, OH	cold	Carroll, OH	15
Columbus, OH	Franklin, OH	cold	Champaign, OH	42
Columbus, OH	Franklin, OH	cold	Clark, OH	44
Columbus, OH	Franklin, OH	cold	Clermont, OH	16
Columbus, OH	Franklin, OH	cold	Clinton, OH	32
Columbus, OH	Franklin, OH	cold	Columbiana, OH	13
Columbus, OH	Franklin, OH	cold	Coshocton, OH	27
Columbus, OH	Franklin, OH	cold	Crawford, OH	20
Columbus, OH	Franklin, OH	cold	Cuyahoga, OH	7
Columbus, OH	Franklin, OH	cold	Darke, OH	14
Columbus, OH	Franklin, OH	cold	Dearborn, IN	13
Columbus, OH	Franklin, OH	cold	Defiance, OH	3
Columbus, OH	Franklin, OH	cold	Delaware, OH	74
Columbus, OH	Franklin, OH	cold	Erie, OH	5
Columbus, OH	Franklin, OH	cold	Fairfield, OH	87
Columbus, OH	Franklin, OH	cold	Fayette, OH	56
Columbus, OH	Franklin, OH	cold	Franklin, IN	12
Columbus, OH	Franklin, OH	cold	Franklin, OH	100
Columbus, OH	Franklin, OH	cold	Fulton, OH	1
Columbus, OH	Franklin, OH	cold	Gallia, OH	24
Columbus, OH	Franklin, OH	cold	Greene, OH	36
Columbus, OH	Franklin, OH	cold	Greenup, KY	16
Columbus, OH	Franklin, OH	cold	Guernsey, OH	30
Columbus, OH	Franklin, OH	cold	Hamilton, OH	16
Columbus, OH	Franklin, OH	cold	Hancock, OH	11
Columbus, OH	Franklin, OH	cold	Hardin, OH	23
Columbus, OH	Franklin, OH	cold	Harrison, OH	23
Columbus, OH	Franklin, OH	cold	Henry, OH	4
Columbus, OH	Franklin, OH	cold	Highland, OH	28
Columbus, OH	Franklin, OH	cold	Hocking, OH	62
Columbus, OH	Franklin, OH	cold	Holmes, OH	19
Columbus, OH	Franklin, OH	cold	Huron, OH	9
Columbus, OH	Franklin, OH	cold	Jackson, OH	32
Columbus, OH	Franklin, OH	cold	Jackson, WV	21
Columbus, OH	Franklin, OH	cold	Jay, IN	9
Columbus, OH	Franklin, OH	cold	Jefferson, OH	22

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Columbus, OH	Franklin, OH	cold	Kenton, KY	14
Columbus, OH	Franklin, OH	cold	Knox, OH	41
Columbus, OH	Franklin, OH	cold	Lawrence, OH	16
Columbus, OH	Franklin, OH	cold	Lewis, KY	16
Columbus, OH	Franklin, OH	cold	Licking, OH	69
Columbus, OH	Franklin, OH	cold	Logan, OH	30
Columbus, OH	Franklin, OH	cold	Lorain, OH	7
Columbus, OH	Franklin, OH	cold	Lucas, OH	2
Columbus, OH	Franklin, OH	cold	Madison, OH	76
Columbus, OH	Franklin, OH	cold	Mahoning, OH	10
Columbus, OH	Franklin, OH	cold	Marion, OH	39
Columbus, OH	Franklin, OH	cold	Marshall, WV	29
Columbus, OH	Franklin, OH	cold	Mason, KY	14
Columbus, OH	Franklin, OH	cold	Mason, WV	22
Columbus, OH	Franklin, OH	cold	Medina, OH	10
Columbus, OH	Franklin, OH	cold	Meigs, OH	34
Columbus, OH	Franklin, OH	cold	Mercer, OH	10
Columbus, OH	Franklin, OH	cold	Miami, OH	22
Columbus, OH	Franklin, OH	cold	Monroe, OH	32
Columbus, OH	Franklin, OH	cold	Montgomery, OH	23
Columbus, OH	Franklin, OH	cold	Morgan, OH	43
Columbus, OH	Franklin, OH	cold	Morrow, OH	43
Columbus, OH	Franklin, OH	cold	Muskingum, OH	42
Columbus, OH	Franklin, OH	cold	Noble, OH	35
Columbus, OH	Franklin, OH	cold	Ohio, WV	27
Columbus, OH	Franklin, OH	cold	Ottawa, OH	2
Columbus, OH	Franklin, OH	cold	Paulding, OH	4
Columbus, OH	Franklin, OH	cold	Pendleton, KY	12
Columbus, OH	Franklin, OH	cold	Perry, OH	61
Columbus, OH	Franklin, OH	cold	Pickaway, OH	85
Columbus, OH	Franklin, OH	cold	Pike, OH	33
Columbus, OH	Franklin, OH	cold	Pleasants, WV	25
Columbus, OH	Franklin, OH	cold	Portage, OH	9
Columbus, OH	Franklin, OH	cold	Preble, OH	17
Columbus, OH	Franklin, OH	cold	Putnam, OH	7
Columbus, OH	Franklin, OH	cold	Randolph, IN	10
Columbus, OH	Franklin, OH	cold	Richland, OH	21
Columbus, OH	Franklin, OH	cold	Ritchie, WV	18
Columbus, OH	Franklin, OH	cold	Ross, OH	52
Columbus, OH	Franklin, OH	cold	Sandusky, OH	5
Columbus, OH	Franklin, OH	cold	Scioto, OH	22
Columbus, OH	Franklin, OH	cold	Seneca, OH	10
Columbus, OH	Franklin, OH	cold	Shelby, OH	18
Columbus, OH	Franklin, OH	cold	Stark, OH	11
Columbus, OH	Franklin, OH	cold	Summit, OH	10
Columbus, OH	Franklin, OH	cold	Tuscarawas, OH	17
Columbus, OH	Franklin, OH	cold	Tyler, WV	23
Columbus, OH	Franklin, OH	cold	Union, IN	14
Columbus, OH	Franklin, OH	cold	Union, OH	58

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Columbus, OH	Franklin, OH	cold	Van Wert, OH	7
Columbus, OH	Franklin, OH	cold	Vinton, OH	46
Columbus, OH	Franklin, OH	cold	Warren, OH	22
Columbus, OH	Franklin, OH	cold	Washington, OH	34
Columbus, OH	Franklin, OH	cold	Wayne, IN	12
Columbus, OH	Franklin, OH	cold	Wayne, OH	13
Columbus, OH	Franklin, OH	cold	Wayne, WV	7
Columbus, OH	Franklin, OH	cold	Wetzel, WV	23
Columbus, OH	Franklin, OH	cold	Williams, OH	1
Columbus, OH	Franklin, OH	cold	Wirt, WV	21
Columbus, OH	Franklin, OH	cold	Wood, OH	4
Columbus, OH	Franklin, OH	cold	Wood, WV	29
Columbus, OH	Franklin, OH	cold	Wyandot, OH	21
Columbus, OH	Franklin, OH	warm	Adams, IN	2
Columbus, OH	Franklin, OH	warm	Adams, OH	24
Columbus, OH	Franklin, OH	warm	Allen, IN	1
Columbus, OH	Franklin, OH	warm	Allen, OH	5
Columbus, OH	Franklin, OH	warm	Ashland, OH	8
Columbus, OH	Franklin, OH	warm	Athens, OH	32
Columbus, OH	Franklin, OH	warm	Auglaize, OH	5
Columbus, OH	Franklin, OH	warm	Belmont, OH	7
Columbus, OH	Franklin, OH	warm	Boone, KY	19
Columbus, OH	Franklin, OH	warm	Boyd, KY	15
Columbus, OH	Franklin, OH	warm	Bracken, KY	19
Columbus, OH	Franklin, OH	warm	Brown, OH	27
Columbus, OH	Franklin, OH	warm	Butler, OH	22
Columbus, OH	Franklin, OH	warm	Cabell, WV	20
Columbus, OH	Franklin, OH	warm	Campbell, KY	23
Columbus, OH	Franklin, OH	warm	Carroll, OH	4
Columbus, OH	Franklin, OH	warm	Champaign, OH	32
Columbus, OH	Franklin, OH	warm	Clark, OH	41
Columbus, OH	Franklin, OH	warm	Clermont, OH	28
Columbus, OH	Franklin, OH	warm	Clinton, OH	44
Columbus, OH	Franklin, OH	warm	Columbiana, OH	3
Columbus, OH	Franklin, OH	warm	Coshocton, OH	15
Columbus, OH	Franklin, OH	warm	Crawford, OH	8
Columbus, OH	Franklin, OH	warm	Cuyahoga, OH	4
Columbus, OH	Franklin, OH	warm	Darke, OH	7
Columbus, OH	Franklin, OH	warm	Dearborn, IN	17
Columbus, OH	Franklin, OH	warm	Defiance, OH	1
Columbus, OH	Franklin, OH	warm	Delaware, OH	57
Columbus, OH	Franklin, OH	warm	Erie, OH	2
Columbus, OH	Franklin, OH	warm	Fairfield, OH	84
Columbus, OH	Franklin, OH	warm	Fayette, OH	68
Columbus, OH	Franklin, OH	warm	Franklin, IN	13
Columbus, OH	Franklin, OH	warm	Franklin, OH	100
Columbus, OH	Franklin, OH	warm	Fulton, OH	1
Columbus, OH	Franklin, OH	warm	Gallia, OH	28
Columbus, OH	Franklin, OH	warm	Greene, OH	42

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Columbus, OH	Franklin, OH	warm	Greenup, KY	18
Columbus, OH	Franklin, OH	warm	Guernsey, OH	12
Columbus, OH	Franklin, OH	warm	Hamilton, OH	24
Columbus, OH	Franklin, OH	warm	Hancock, OH	4
Columbus, OH	Franklin, OH	warm	Hardin, OH	10
Columbus, OH	Franklin, OH	warm	Harrison, OH	6
Columbus, OH	Franklin, OH	warm	Henry, OH	2
Columbus, OH	Franklin, OH	warm	Highland, OH	38
Columbus, OH	Franklin, OH	warm	Hocking, OH	57
Columbus, OH	Franklin, OH	warm	Holmes, OH	11
Columbus, OH	Franklin, OH	warm	Huron, OH	4
Columbus, OH	Franklin, OH	warm	Jackson, OH	34
Columbus, OH	Franklin, OH	warm	Jackson, WV	23
Columbus, OH	Franklin, OH	warm	Jay, IN	2
Columbus, OH	Franklin, OH	warm	Jefferson, OH	4
Columbus, OH	Franklin, OH	warm	Kenton, KY	21
Columbus, OH	Franklin, OH	warm	Knox, OH	27
Columbus, OH	Franklin, OH	warm	Lawrence, OH	22
Columbus, OH	Franklin, OH	warm	Lewis, KY	18
Columbus, OH	Franklin, OH	warm	Licking, OH	55
Columbus, OH	Franklin, OH	warm	Logan, OH	16
Columbus, OH	Franklin, OH	warm	Lorain, OH	4
Columbus, OH	Franklin, OH	warm	Lucas, OH	1
Columbus, OH	Franklin, OH	warm	Madison, OH	78
Columbus, OH	Franklin, OH	warm	Mahoning, OH	2
Columbus, OH	Franklin, OH	warm	Marion, OH	19
Columbus, OH	Franklin, OH	warm	Marshall, WV	5
Columbus, OH	Franklin, OH	warm	Mason, KY	19
Columbus, OH	Franklin, OH	warm	Mason, WV	27
Columbus, OH	Franklin, OH	warm	Medina, OH	6
Columbus, OH	Franklin, OH	warm	Meigs, OH	28
Columbus, OH	Franklin, OH	warm	Mercer, OH	3
Columbus, OH	Franklin, OH	warm	Miami, OH	15
Columbus, OH	Franklin, OH	warm	Monroe, OH	10
Columbus, OH	Franklin, OH	warm	Montgomery, OH	24
Columbus, OH	Franklin, OH	warm	Morgan, OH	28
Columbus, OH	Franklin, OH	warm	Morrow, OH	26
Columbus, OH	Franklin, OH	warm	Muskingum, OH	25
Columbus, OH	Franklin, OH	warm	Noble, OH	16
Columbus, OH	Franklin, OH	warm	Ohio, WV	4
Columbus, OH	Franklin, OH	warm	Ottawa, OH	1
Columbus, OH	Franklin, OH	warm	Paulding, OH	2
Columbus, OH	Franklin, OH	warm	Pendleton, KY	17
Columbus, OH	Franklin, OH	warm	Perry, OH	48
Columbus, OH	Franklin, OH	warm	Pickaway, OH	97
Columbus, OH	Franklin, OH	warm	Pike, OH	36
Columbus, OH	Franklin, OH	warm	Pleasants, WV	13
Columbus, OH	Franklin, OH	warm	Portage, OH	3
Columbus, OH	Franklin, OH	warm	Preble, OH	14

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Columbus, OH	Franklin, OH	warm	Putnam, OH	3
Columbus, OH	Franklin, OH	warm	Randolph, IN	4
Columbus, OH	Franklin, OH	warm	Richland, OH	11
Columbus, OH	Franklin, OH	warm	Ritchie, WV	11
Columbus, OH	Franklin, OH	warm	Ross, OH	60
Columbus, OH	Franklin, OH	warm	Sandusky, OH	2
Columbus, OH	Franklin, OH	warm	Scioto, OH	25
Columbus, OH	Franklin, OH	warm	Seneca, OH	4
Columbus, OH	Franklin, OH	warm	Shelby, OH	9
Columbus, OH	Franklin, OH	warm	Stark, OH	5
Columbus, OH	Franklin, OH	warm	Summit, OH	5
Columbus, OH	Franklin, OH	warm	Tuscarawas, OH	7
Columbus, OH	Franklin, OH	warm	Tyler, WV	9
Columbus, OH	Franklin, OH	warm	Union, IN	12
Columbus, OH	Franklin, OH	warm	Union, OH	41
Columbus, OH	Franklin, OH	warm	Van Wert, OH	2
Columbus, OH	Franklin, OH	warm	Vinton, OH	43
Columbus, OH	Franklin, OH	warm	Warren, OH	33
Columbus, OH	Franklin, OH	warm	Washington, OH	20
Columbus, OH	Franklin, OH	warm	Wayne, IN	6
Columbus, OH	Franklin, OH	warm	Wayne, OH	7
Columbus, OH	Franklin, OH	warm	Wayne, WV	14
Columbus, OH	Franklin, OH	warm	Wetzel, WV	6
Columbus, OH	Franklin, OH	warm	Williams, OH	1
Columbus, OH	Franklin, OH	warm	Wirt, WV	16
Columbus, OH	Franklin, OH	warm	Wood, OH	2
Columbus, OH	Franklin, OH	warm	Wood, WV	19
Columbus, OH	Franklin, OH	warm	Wyandot, OH	8
Davenport, IA	Scott, IA	cold	Adams, IL	24
Davenport, IA	Scott, IA	cold	Allamakee, IA	6
Davenport, IA	Scott, IA	cold	Benton, IA	16
Davenport, IA	Scott, IA	cold	Black Hawk, IA	11
Davenport, IA	Scott, IA	cold	Boone, IL	12
Davenport, IA	Scott, IA	cold	Bremer, IA	9
Davenport, IA	Scott, IA	cold	Buchanan, IA	13
Davenport, IA	Scott, IA	cold	Bureau, IL	29
Davenport, IA	Scott, IA	cold	Butler, IA	9
Davenport, IA	Scott, IA	cold	Carroll, IL	35
Davenport, IA	Scott, IA	cold	Cedar, IA	63
Davenport, IA	Scott, IA	cold	Chickasaw, IA	7
Davenport, IA	Scott, IA	cold	Clark, MO	25
Davenport, IA	Scott, IA	cold	Clayton, IA	12
Davenport, IA	Scott, IA	cold	Clinton, IA	75
Davenport, IA	Scott, IA	cold	Crawford, WI	7
Davenport, IA	Scott, IA	cold	Dane, WI	8
Davenport, IA	Scott, IA	cold	Davis, IA	15
Davenport, IA	Scott, IA	cold	DeKalb, IL	14
Davenport, IA	Scott, IA	cold	Delaware, IA	18
Davenport, IA	Scott, IA	cold	Des Moines, IA	55

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Davenport, IA	Scott, IA	cold	Dubuque, IA	28
Davenport, IA	Scott, IA	cold	Fayette, IA	9
Davenport, IA	Scott, IA	cold	Floyd, IA	7
Davenport, IA	Scott, IA	cold	Fulton, IL	27
Davenport, IA	Scott, IA	cold	Grant, WI	15
Davenport, IA	Scott, IA	cold	Green, WI	10
Davenport, IA	Scott, IA	cold	Grundy, IA	10
Davenport, IA	Scott, IA	cold	Grundy, IL	10
Davenport, IA	Scott, IA	cold	Hancock, IL	35
Davenport, IA	Scott, IA	cold	Henderson, IL	60
Davenport, IA	Scott, IA	cold	Henry, IA	40
Davenport, IA	Scott, IA	cold	Henry, IL	68
Davenport, IA	Scott, IA	cold	Iowa, IA	21
Davenport, IA	Scott, IA	cold	Iowa, WI	9
Davenport, IA	Scott, IA	cold	Jackson, IA	50
Davenport, IA	Scott, IA	cold	Jasper, IA	12
Davenport, IA	Scott, IA	cold	Jefferson, IA	27
Davenport, IA	Scott, IA	cold	Jo Daviess, IL	28
Davenport, IA	Scott, IA	cold	Johnson, IA	36
Davenport, IA	Scott, IA	cold	Jones, IA	39
Davenport, IA	Scott, IA	cold	Kane, IL	10
Davenport, IA	Scott, IA	cold	Kendall, IL	11
Davenport, IA	Scott, IA	cold	Keokuk, IA	22
Davenport, IA	Scott, IA	cold	Knox, IL	52
Davenport, IA	Scott, IA	cold	La Salle, IL	15
Davenport, IA	Scott, IA	cold	Lafayette, WI	16
Davenport, IA	Scott, IA	cold	Lee, IA	36
Davenport, IA	Scott, IA	cold	Lee, IL	22
Davenport, IA	Scott, IA	cold	Lewis, MO	21
Davenport, IA	Scott, IA	cold	Linn, IA	23
Davenport, IA	Scott, IA	cold	Livingston, IL	8
Davenport, IA	Scott, IA	cold	Louisa, IA	61
Davenport, IA	Scott, IA	cold	Mahaska, IA	15
Davenport, IA	Scott, IA	cold	Marshall, IA	10
Davenport, IA	Scott, IA	cold	Marshall, IL	20
Davenport, IA	Scott, IA	cold	Mason, IL	15
Davenport, IA	Scott, IA	cold	McDonough, IL	37
Davenport, IA	Scott, IA	cold	McHenry, IL	9
Davenport, IA	Scott, IA	cold	Mercer, IL	91
Davenport, IA	Scott, IA	cold	Muscatine, IA	75
Davenport, IA	Scott, IA	cold	Ogle, IL	19
Davenport, IA	Scott, IA	cold	Peoria, IL	25
Davenport, IA	Scott, IA	cold	Poweshiek, IA	15
Davenport, IA	Scott, IA	cold	Putnam, IL	20
Davenport, IA	Scott, IA	cold	Richland, WI	5
Davenport, IA	Scott, IA	cold	Rock Island, IL	98
Davenport, IA	Scott, IA	cold	Rock, WI	10
Davenport, IA	Scott, IA	cold	Schuyler, IL	23
Davenport, IA	Scott, IA	cold	Scotland, MO	18

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Davenport, IA	Scott, IA	cold	Scott, IA	100
Davenport, IA	Scott, IA	cold	Stark, IL	35
Davenport, IA	Scott, IA	cold	Stephenson, IL	17
Davenport, IA	Scott, IA	cold	Tama, IA	13
Davenport, IA	Scott, IA	cold	Tazewell, IL	13
Davenport, IA	Scott, IA	cold	Van Buren, IA	25
Davenport, IA	Scott, IA	cold	Walworth, WI	8
Davenport, IA	Scott, IA	cold	Wapello, IA	17
Davenport, IA	Scott, IA	cold	Warren, IL	62
Davenport, IA	Scott, IA	cold	Washington, IA	35
Davenport, IA	Scott, IA	cold	Whiteside, IL	47
Davenport, IA	Scott, IA	cold	Winnebago, IL	13
Davenport, IA	Scott, IA	cold	Winneshiek, IA	6
Davenport, IA	Scott, IA	cold	Woodford, IL	14
Davenport, IA	Scott, IA	warm	Adams, IL	50
Davenport, IA	Scott, IA	warm	Allamakee, IA	1
Davenport, IA	Scott, IA	warm	Benton, IA	11
Davenport, IA	Scott, IA	warm	Black Hawk, IA	6
Davenport, IA	Scott, IA	warm	Boone, IL	1
Davenport, IA	Scott, IA	warm	Bremer, IA	3
Davenport, IA	Scott, IA	warm	Buchanan, IA	7
Davenport, IA	Scott, IA	warm	Bureau, IL	13
Davenport, IA	Scott, IA	warm	Butler, IA	3
Davenport, IA	Scott, IA	warm	Carroll, IL	15
Davenport, IA	Scott, IA	warm	Cedar, IA	48
Davenport, IA	Scott, IA	warm	Chickasaw, IA	1
Davenport, IA	Scott, IA	warm	Clark, MO	33
Davenport, IA	Scott, IA	warm	Clayton, IA	3
Davenport, IA	Scott, IA	warm	Clinton, IA	50
Davenport, IA	Scott, IA	warm	Crawford, WI	0
Davenport, IA	Scott, IA	warm	Dane, WI	0
Davenport, IA	Scott, IA	warm	Davis, IA	21
Davenport, IA	Scott, IA	warm	DeKalb, IL	2
Davenport, IA	Scott, IA	warm	Delaware, IA	9
Davenport, IA	Scott, IA	warm	Des Moines, IA	71
Davenport, IA	Scott, IA	warm	Dubuque, IA	12
Davenport, IA	Scott, IA	warm	Fayette, IA	3
Davenport, IA	Scott, IA	warm	Floyd, IA	1
Davenport, IA	Scott, IA	warm	Fulton, IL	62
Davenport, IA	Scott, IA	warm	Grant, WI	3
Davenport, IA	Scott, IA	warm	Green, WI	1
Davenport, IA	Scott, IA	warm	Grundy, IA	5
Davenport, IA	Scott, IA	warm	Grundy, IL	3
Davenport, IA	Scott, IA	warm	Hancock, IL	62
Davenport, IA	Scott, IA	warm	Henderson, IL	90
Davenport, IA	Scott, IA	warm	Henry, IA	40
Davenport, IA	Scott, IA	warm	Henry, IL	59
Davenport, IA	Scott, IA	warm	Iowa, IA	14
Davenport, IA	Scott, IA	warm	Iowa, WI	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Davenport, IA	Scott, IA	warm	Jackson, IA	28
Davenport, IA	Scott, IA	warm	Jasper, IA	12
Davenport, IA	Scott, IA	warm	Jefferson, IA	21
Davenport, IA	Scott, IA	warm	Jo Daviess, IL	10
Davenport, IA	Scott, IA	warm	Johnson, IA	25
Davenport, IA	Scott, IA	warm	Jones, IA	25
Davenport, IA	Scott, IA	warm	Kane, IL	1
Davenport, IA	Scott, IA	warm	Kendall, IL	2
Davenport, IA	Scott, IA	warm	Keokuk, IA	15
Davenport, IA	Scott, IA	warm	Knox, IL	71
Davenport, IA	Scott, IA	warm	La Salle, IL	3
Davenport, IA	Scott, IA	warm	Lafayette, WI	3
Davenport, IA	Scott, IA	warm	Lee, IA	45
Davenport, IA	Scott, IA	warm	Lee, IL	5
Davenport, IA	Scott, IA	warm	Lewis, MO	33
Davenport, IA	Scott, IA	warm	Linn, IA	16
Davenport, IA	Scott, IA	warm	Livingston, IL	3
Davenport, IA	Scott, IA	warm	Louisa, IA	62
Davenport, IA	Scott, IA	warm	Mahaska, IA	17
Davenport, IA	Scott, IA	warm	Marshall, IA	8
Davenport, IA	Scott, IA	warm	Marshall, IL	10
Davenport, IA	Scott, IA	warm	Mason, IL	41
Davenport, IA	Scott, IA	warm	McDonough, IL	82
Davenport, IA	Scott, IA	warm	McHenry, IL	1
Davenport, IA	Scott, IA	warm	Mercer, IL	100
Davenport, IA	Scott, IA	warm	Muscatine, IA	65
Davenport, IA	Scott, IA	warm	Ogle, IL	3
Davenport, IA	Scott, IA	warm	Peoria, IL	30
Davenport, IA	Scott, IA	warm	Poweshiek, IA	13
Davenport, IA	Scott, IA	warm	Putnam, IL	7
Davenport, IA	Scott, IA	warm	Richland, WI	0
Davenport, IA	Scott, IA	warm	Rock Island, IL	87
Davenport, IA	Scott, IA	warm	Rock, WI	0
Davenport, IA	Scott, IA	warm	Schuyler, IL	69
Davenport, IA	Scott, IA	warm	Scotland, MO	23
Davenport, IA	Scott, IA	warm	Scott, IA	78
Davenport, IA	Scott, IA	warm	Stark, IL	29
Davenport, IA	Scott, IA	warm	Stephenson, IL	3
Davenport, IA	Scott, IA	warm	Tama, IA	10
Davenport, IA	Scott, IA	warm	Tazewell, IL	18
Davenport, IA	Scott, IA	warm	Van Buren, IA	24
Davenport, IA	Scott, IA	warm	Walworth, WI	1
Davenport, IA	Scott, IA	warm	Wapello, IA	18
Davenport, IA	Scott, IA	warm	Warren, IL	98
Davenport, IA	Scott, IA	warm	Washington, IA	25
Davenport, IA	Scott, IA	warm	Whiteside, IL	26
Davenport, IA	Scott, IA	warm	Winnebago, IL	1
Davenport, IA	Scott, IA	warm	Winneshiek, IA	1
Davenport, IA	Scott, IA	warm	Woodford, IL	9

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Dayton, OH	Montgomery, OH	cold	Adams, IN	12
Dayton, OH	Montgomery, OH	cold	Adams, OH	16
Dayton, OH	Montgomery, OH	cold	Allen, IN	5
Dayton, OH	Montgomery, OH	cold	Allen, OH	19
Dayton, OH	Montgomery, OH	cold	Athens, OH	36
Dayton, OH	Montgomery, OH	cold	Auglaize, OH	30
Dayton, OH	Montgomery, OH	cold	Bartholomew, IN	17
Dayton, OH	Montgomery, OH	cold	Blackford, IN	18
Dayton, OH	Montgomery, OH	cold	Boone, KY	23
Dayton, OH	Montgomery, OH	cold	Bourbon, KY	3
Dayton, OH	Montgomery, OH	cold	Bracken, KY	11
Dayton, OH	Montgomery, OH	cold	Brown, IN	13
Dayton, OH	Montgomery, OH	cold	Brown, OH	23
Dayton, OH	Montgomery, OH	cold	Butler, OH	63
Dayton, OH	Montgomery, OH	cold	Campbell, KY	23
Dayton, OH	Montgomery, OH	cold	Carroll, KY	15
Dayton, OH	Montgomery, OH	cold	Champaign, OH	67
Dayton, OH	Montgomery, OH	cold	Clark, IN	15
Dayton, OH	Montgomery, OH	cold	Clark, OH	86
Dayton, OH	Montgomery, OH	cold	Clermont, OH	31
Dayton, OH	Montgomery, OH	cold	Clinton, OH	65
Dayton, OH	Montgomery, OH	cold	Coshocton, OH	7
Dayton, OH	Montgomery, OH	cold	Crawford, OH	18
Dayton, OH	Montgomery, OH	cold	Darke, OH	62
Dayton, OH	Montgomery, OH	cold	Dearborn, IN	29
Dayton, OH	Montgomery, OH	cold	Decatur, IN	24
Dayton, OH	Montgomery, OH	cold	Defiance, OH	3
Dayton, OH	Montgomery, OH	cold	DeKalb, IN	2
Dayton, OH	Montgomery, OH	cold	Delaware, IN	26
Dayton, OH	Montgomery, OH	cold	Delaware, OH	26
Dayton, OH	Montgomery, OH	cold	Fairfield, OH	25
Dayton, OH	Montgomery, OH	cold	Fayette, IN	42
Dayton, OH	Montgomery, OH	cold	Fayette, OH	59
Dayton, OH	Montgomery, OH	cold	Fleming, KY	4
Dayton, OH	Montgomery, OH	cold	Franklin, IN	39
Dayton, OH	Montgomery, OH	cold	Franklin, OH	32
Dayton, OH	Montgomery, OH	cold	Gallatin, KY	16
Dayton, OH	Montgomery, OH	cold	Gallia, OH	22
Dayton, OH	Montgomery, OH	cold	Grant, IN	15
Dayton, OH	Montgomery, OH	cold	Grant, KY	12
Dayton, OH	Montgomery, OH	cold	Greene, OH	93
Dayton, OH	Montgomery, OH	cold	Hamilton, IN	18
Dayton, OH	Montgomery, OH	cold	Hamilton, OH	39
Dayton, OH	Montgomery, OH	cold	Hancock, IN	22
Dayton, OH	Montgomery, OH	cold	Hancock, OH	15
Dayton, OH	Montgomery, OH	cold	Hardin, OH	28
Dayton, OH	Montgomery, OH	cold	Harrison, KY	7
Dayton, OH	Montgomery, OH	cold	Henry, IN	32
Dayton, OH	Montgomery, OH	cold	Henry, OH	5

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Dayton, OH	Montgomery, OH	cold	Highland, OH	36
Dayton, OH	Montgomery, OH	cold	Hocking, OH	30
Dayton, OH	Montgomery, OH	cold	Howard, IN	13
Dayton, OH	Montgomery, OH	cold	Huntington, IN	8
Dayton, OH	Montgomery, OH	cold	Jackson, IN	14
Dayton, OH	Montgomery, OH	cold	Jackson, OH	26
Dayton, OH	Montgomery, OH	cold	Jay, IN	25
Dayton, OH	Montgomery, OH	cold	Jefferson, IN	18
Dayton, OH	Montgomery, OH	cold	Jennings, IN	18
Dayton, OH	Montgomery, OH	cold	Johnson, IN	16
Dayton, OH	Montgomery, OH	cold	Kenton, KY	22
Dayton, OH	Montgomery, OH	cold	Knox, OH	11
Dayton, OH	Montgomery, OH	cold	Lawrence, OH	12
Dayton, OH	Montgomery, OH	cold	Lewis, KY	7
Dayton, OH	Montgomery, OH	cold	Licking, OH	15
Dayton, OH	Montgomery, OH	cold	Logan, OH	46
Dayton, OH	Montgomery, OH	cold	Madison, IN	21
Dayton, OH	Montgomery, OH	cold	Madison, OH	57
Dayton, OH	Montgomery, OH	cold	Marion, IN	17
Dayton, OH	Montgomery, OH	cold	Marion, OH	25
Dayton, OH	Montgomery, OH	cold	Mason, KY	8
Dayton, OH	Montgomery, OH	cold	Meigs, OH	33
Dayton, OH	Montgomery, OH	cold	Mercer, OH	27
Dayton, OH	Montgomery, OH	cold	Miami, IN	9
Dayton, OH	Montgomery, OH	cold	Miami, OH	85
Dayton, OH	Montgomery, OH	cold	Montgomery, OH	100
Dayton, OH	Montgomery, OH	cold	Morrow, OH	18
Dayton, OH	Montgomery, OH	cold	Muskingum, OH	16
Dayton, OH	Montgomery, OH	cold	Nicholas, KY	4
Dayton, OH	Montgomery, OH	cold	Noble, IN	2
Dayton, OH	Montgomery, OH	cold	Ohio, IN	21
Dayton, OH	Montgomery, OH	cold	Owen, KY	11
Dayton, OH	Montgomery, OH	cold	Paulding, OH	6
Dayton, OH	Montgomery, OH	cold	Pendleton, KY	12
Dayton, OH	Montgomery, OH	cold	Perry, OH	24
Dayton, OH	Montgomery, OH	cold	Pickaway, OH	37
Dayton, OH	Montgomery, OH	cold	Pike, OH	25
Dayton, OH	Montgomery, OH	cold	Preble, OH	81
Dayton, OH	Montgomery, OH	cold	Putnam, OH	10
Dayton, OH	Montgomery, OH	cold	Randolph, IN	42
Dayton, OH	Montgomery, OH	cold	Ripley, IN	23
Dayton, OH	Montgomery, OH	cold	Robertson, KY	7
Dayton, OH	Montgomery, OH	cold	Ross, OH	34
Dayton, OH	Montgomery, OH	cold	Rush, IN	29
Dayton, OH	Montgomery, OH	cold	Scioto, OH	16
Dayton, OH	Montgomery, OH	cold	Scott, IN	16
Dayton, OH	Montgomery, OH	cold	Scott, KY	6
Dayton, OH	Montgomery, OH	cold	Shelby, IN	20
Dayton, OH	Montgomery, OH	cold	Shelby, OH	53

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Dayton, OH	Montgomery, OH	cold	Switzerland, IN	18
Dayton, OH	Montgomery, OH	cold	Tipton, IN	16
Dayton, OH	Montgomery, OH	cold	Trimble, KY	16
Dayton, OH	Montgomery, OH	cold	Union, IN	58
Dayton, OH	Montgomery, OH	cold	Union, OH	40
Dayton, OH	Montgomery, OH	cold	Van Wert, OH	12
Dayton, OH	Montgomery, OH	cold	Vinton, OH	32
Dayton, OH	Montgomery, OH	cold	Wabash, IN	8
Dayton, OH	Montgomery, OH	cold	Warren, OH	73
Dayton, OH	Montgomery, OH	cold	Wayne, IN	55
Dayton, OH	Montgomery, OH	cold	Wells, IN	11
Dayton, OH	Montgomery, OH	cold	Whitley, IN	4
Dayton, OH	Montgomery, OH	cold	Wood, OH	6
Dayton, OH	Montgomery, OH	cold	Wyandot, OH	21
Dayton, OH	Montgomery, OH	warm	Adams, IN	10
Dayton, OH	Montgomery, OH	warm	Adams, OH	41
Dayton, OH	Montgomery, OH	warm	Allen, IN	8
Dayton, OH	Montgomery, OH	warm	Allen, OH	16
Dayton, OH	Montgomery, OH	warm	Athens, OH	16
Dayton, OH	Montgomery, OH	warm	Auglaize, OH	19
Dayton, OH	Montgomery, OH	warm	Bartholomew, IN	16
Dayton, OH	Montgomery, OH	warm	Blackford, IN	5
Dayton, OH	Montgomery, OH	warm	Boone, KY	39
Dayton, OH	Montgomery, OH	warm	Bourbon, KY	15
Dayton, OH	Montgomery, OH	warm	Bracken, KY	31
Dayton, OH	Montgomery, OH	warm	Brown, IN	9
Dayton, OH	Montgomery, OH	warm	Brown, OH	49
Dayton, OH	Montgomery, OH	warm	Butler, OH	75
Dayton, OH	Montgomery, OH	warm	Campbell, KY	44
Dayton, OH	Montgomery, OH	warm	Carroll, KY	25
Dayton, OH	Montgomery, OH	warm	Champaign, OH	52
Dayton, OH	Montgomery, OH	warm	Clark, IN	25
Dayton, OH	Montgomery, OH	warm	Clark, OH	79
Dayton, OH	Montgomery, OH	warm	Clermont, OH	56
Dayton, OH	Montgomery, OH	warm	Clinton, OH	87
Dayton, OH	Montgomery, OH	warm	Coshocton, OH	13
Dayton, OH	Montgomery, OH	warm	Crawford, OH	8
Dayton, OH	Montgomery, OH	warm	Darke, OH	40
Dayton, OH	Montgomery, OH	warm	Dearborn, IN	43
Dayton, OH	Montgomery, OH	warm	Decatur, IN	26
Dayton, OH	Montgomery, OH	warm	Defiance, OH	11
Dayton, OH	Montgomery, OH	warm	DeKalb, IN	7
Dayton, OH	Montgomery, OH	warm	Delaware, IN	7
Dayton, OH	Montgomery, OH	warm	Delaware, OH	27
Dayton, OH	Montgomery, OH	warm	Fairfield, OH	35
Dayton, OH	Montgomery, OH	warm	Fayette, IN	35
Dayton, OH	Montgomery, OH	warm	Fayette, OH	75
Dayton, OH	Montgomery, OH	warm	Fleming, KY	23
Dayton, OH	Montgomery, OH	warm	Franklin, IN	45

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Dayton, OH	Montgomery, OH	warm	Franklin, OH	42
Dayton, OH	Montgomery, OH	warm	Gallatin, KY	28
Dayton, OH	Montgomery, OH	warm	Gallia, OH	21
Dayton, OH	Montgomery, OH	warm	Grant, IN	3
Dayton, OH	Montgomery, OH	warm	Grant, KY	25
Dayton, OH	Montgomery, OH	warm	Greene, OH	100
Dayton, OH	Montgomery, OH	warm	Hamilton, IN	2
Dayton, OH	Montgomery, OH	warm	Hamilton, OH	60
Dayton, OH	Montgomery, OH	warm	Hancock, IN	6
Dayton, OH	Montgomery, OH	warm	Hancock, OH	12
Dayton, OH	Montgomery, OH	warm	Hardin, OH	17
Dayton, OH	Montgomery, OH	warm	Harrison, KY	20
Dayton, OH	Montgomery, OH	warm	Henry, IN	13
Dayton, OH	Montgomery, OH	warm	Henry, OH	12
Dayton, OH	Montgomery, OH	warm	Highland, OH	63
Dayton, OH	Montgomery, OH	warm	Hocking, OH	31
Dayton, OH	Montgomery, OH	warm	Howard, IN	2
Dayton, OH	Montgomery, OH	warm	Huntington, IN	5
Dayton, OH	Montgomery, OH	warm	Jackson, IN	19
Dayton, OH	Montgomery, OH	warm	Jackson, OH	32
Dayton, OH	Montgomery, OH	warm	Jay, IN	10
Dayton, OH	Montgomery, OH	warm	Jefferson, IN	29
Dayton, OH	Montgomery, OH	warm	Jennings, IN	27
Dayton, OH	Montgomery, OH	warm	Johnson, IN	6
Dayton, OH	Montgomery, OH	warm	Kenton, KY	40
Dayton, OH	Montgomery, OH	warm	Knox, OH	17
Dayton, OH	Montgomery, OH	warm	Lawrence, OH	23
Dayton, OH	Montgomery, OH	warm	Lewis, KY	29
Dayton, OH	Montgomery, OH	warm	Licking, OH	23
Dayton, OH	Montgomery, OH	warm	Logan, OH	29
Dayton, OH	Montgomery, OH	warm	Madison, IN	4
Dayton, OH	Montgomery, OH	warm	Madison, OH	60
Dayton, OH	Montgomery, OH	warm	Marion, IN	2
Dayton, OH	Montgomery, OH	warm	Marion, OH	15
Dayton, OH	Montgomery, OH	warm	Mason, KY	29
Dayton, OH	Montgomery, OH	warm	Meigs, OH	15
Dayton, OH	Montgomery, OH	warm	Mercer, OH	16
Dayton, OH	Montgomery, OH	warm	Miami, IN	3
Dayton, OH	Montgomery, OH	warm	Miami, OH	65
Dayton, OH	Montgomery, OH	warm	Montgomery, OH	96
Dayton, OH	Montgomery, OH	warm	Morrow, OH	15
Dayton, OH	Montgomery, OH	warm	Muskingum, OH	13
Dayton, OH	Montgomery, OH	warm	Nicholas, KY	20
Dayton, OH	Montgomery, OH	warm	Noble, IN	6
Dayton, OH	Montgomery, OH	warm	Ohio, IN	36
Dayton, OH	Montgomery, OH	warm	Owen, KY	20
Dayton, OH	Montgomery, OH	warm	Paulding, OH	12
Dayton, OH	Montgomery, OH	warm	Pendleton, KY	29
Dayton, OH	Montgomery, OH	warm	Perry, OH	21

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Dayton, OH	Montgomery, OH	warm	Pickaway, OH	52
Dayton, OH	Montgomery, OH	warm	Pike, OH	44
Dayton, OH	Montgomery, OH	warm	Preble, OH	71
Dayton, OH	Montgomery, OH	warm	Putnam, OH	14
Dayton, OH	Montgomery, OH	warm	Randolph, IN	20
Dayton, OH	Montgomery, OH	warm	Ripley, IN	34
Dayton, OH	Montgomery, OH	warm	Robertson, KY	25
Dayton, OH	Montgomery, OH	warm	Ross, OH	52
Dayton, OH	Montgomery, OH	warm	Rush, IN	19
Dayton, OH	Montgomery, OH	warm	Scioto, OH	34
Dayton, OH	Montgomery, OH	warm	Scott, IN	27
Dayton, OH	Montgomery, OH	warm	Scott, KY	15
Dayton, OH	Montgomery, OH	warm	Shelby, IN	11
Dayton, OH	Montgomery, OH	warm	Shelby, OH	34
Dayton, OH	Montgomery, OH	warm	Switzerland, IN	30
Dayton, OH	Montgomery, OH	warm	Tipton, IN	1
Dayton, OH	Montgomery, OH	warm	Trimble, KY	24
Dayton, OH	Montgomery, OH	warm	Union, IN	53
Dayton, OH	Montgomery, OH	warm	Union, OH	30
Dayton, OH	Montgomery, OH	warm	Van Wert, OH	13
Dayton, OH	Montgomery, OH	warm	Vinton, OH	31
Dayton, OH	Montgomery, OH	warm	Wabash, IN	4
Dayton, OH	Montgomery, OH	warm	Warren, OH	94
Dayton, OH	Montgomery, OH	warm	Wayne, IN	37
Dayton, OH	Montgomery, OH	warm	Wells, IN	7
Dayton, OH	Montgomery, OH	warm	Whitley, IN	6
Dayton, OH	Montgomery, OH	warm	Wood, OH	10
Dayton, OH	Montgomery, OH	warm	Wyandot, OH	10
Detroit, MI	Macomb, MI	cold	Allegan, MI	6
Detroit, MI	Macomb, MI	cold	Allen, IN	21
Detroit, MI	Macomb, MI	cold	Allen, OH	19
Detroit, MI	Macomb, MI	cold	Arenac, MI	2
Detroit, MI	Macomb, MI	cold	Barry, MI	6
Detroit, MI	Macomb, MI	cold	Bay, MI	4
Detroit, MI	Macomb, MI	cold	Branch, MI	14
Detroit, MI	Macomb, MI	cold	Calhoun, MI	11
Detroit, MI	Macomb, MI	cold	Cass, MI	8
Detroit, MI	Macomb, MI	cold	Clare, MI	2
Detroit, MI	Macomb, MI	cold	Clinton, MI	7
Detroit, MI	Macomb, MI	cold	Crawford, OH	18
Detroit, MI	Macomb, MI	cold	Defiance, OH	31
Detroit, MI	Macomb, MI	cold	DeKalb, IN	21
Detroit, MI	Macomb, MI	cold	Eaton, MI	9
Detroit, MI	Macomb, MI	cold	Elkhart, IN	11
Detroit, MI	Macomb, MI	cold	Erie, OH	29
Detroit, MI	Macomb, MI	cold	Fulton, OH	45
Detroit, MI	Macomb, MI	cold	Genesee, MI	18
Detroit, MI	Macomb, MI	cold	Gladwin, MI	2
Detroit, MI	Macomb, MI	cold	Gratiot, MI	5

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Detroit, MI	Macomb, MI	cold	Hancock, OH	26
Detroit, MI	Macomb, MI	cold	Hardin, OH	17
Detroit, MI	Macomb, MI	cold	Henry, OH	38
Detroit, MI	Macomb, MI	cold	Hillsdale, MI	24
Detroit, MI	Macomb, MI	cold	Huron, MI	4
Detroit, MI	Macomb, MI	cold	Huron, OH	23
Detroit, MI	Macomb, MI	cold	Ingham, MI	16
Detroit, MI	Macomb, MI	cold	Ionia, MI	5
Detroit, MI	Macomb, MI	cold	Isabella, MI	3
Detroit, MI	Macomb, MI	cold	Jackson, MI	23
Detroit, MI	Macomb, MI	cold	Kalamazoo, MI	7
Detroit, MI	Macomb, MI	cold	Kent, MI	4
Detroit, MI	Macomb, MI	cold	Lagrange, IN	13
Detroit, MI	Macomb, MI	cold	Lapeer, MI	24
Detroit, MI	Macomb, MI	cold	Lenawee, MI	49
Detroit, MI	Macomb, MI	cold	Livingston, MI	33
Detroit, MI	Macomb, MI	cold	Lucas, OH	64
Detroit, MI	Macomb, MI	cold	Macomb, MI	65
Detroit, MI	Macomb, MI	cold	Midland, MI	3
Detroit, MI	Macomb, MI	cold	Monroe, MI	88
Detroit, MI	Macomb, MI	cold	Montcalm, MI	3
Detroit, MI	Macomb, MI	cold	Noble, IN	16
Detroit, MI	Macomb, MI	cold	Oakland, MI	60
Detroit, MI	Macomb, MI	cold	Ottawa, OH	54
Detroit, MI	Macomb, MI	cold	Paulding, OH	26
Detroit, MI	Macomb, MI	cold	Putnam, OH	26
Detroit, MI	Macomb, MI	cold	Saginaw, MI	7
Detroit, MI	Macomb, MI	cold	Sandusky, OH	39
Detroit, MI	Macomb, MI	cold	Sanilac, MI	11
Detroit, MI	Macomb, MI	cold	Seneca, OH	27
Detroit, MI	Macomb, MI	cold	Shiawassee, MI	12
Detroit, MI	Macomb, MI	cold	St. Clair, MI	37
Detroit, MI	Macomb, MI	cold	St. Joseph, MI	9
Detroit, MI	Macomb, MI	cold	Steuben, IN	19
Detroit, MI	Macomb, MI	cold	Tuscola, MI	7
Detroit, MI	Macomb, MI	cold	Van Buren, MI	6
Detroit, MI	Macomb, MI	cold	Van Wert, OH	21
Detroit, MI	Macomb, MI	cold	Washtenaw, MI	59
Detroit, MI	Macomb, MI	cold	Wayne, MI	100
Detroit, MI	Macomb, MI	cold	Williams, OH	29
Detroit, MI	Macomb, MI	cold	Wood, OH	46
Detroit, MI	Macomb, MI	cold	Wyandot, OH	20
Detroit, MI	Macomb, MI	warm	Allegan, MI	3
Detroit, MI	Macomb, MI	warm	Allen, IN	23
Detroit, MI	Macomb, MI	warm	Allen, OH	39
Detroit, MI	Macomb, MI	warm	Arenac, MI	1
Detroit, MI	Macomb, MI	warm	Barry, MI	5
Detroit, MI	Macomb, MI	warm	Bay, MI	2
Detroit, MI	Macomb, MI	warm	Branch, MI	13

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Detroit, MI	Macomb, MI	warm	Calhoun, MI	10
Detroit, MI	Macomb, MI	warm	Cass, MI	4
Detroit, MI	Macomb, MI	warm	Clare, MI	1
Detroit, MI	Macomb, MI	warm	Clinton, MI	6
Detroit, MI	Macomb, MI	warm	Crawford, OH	32
Detroit, MI	Macomb, MI	warm	Defiance, OH	41
Detroit, MI	Macomb, MI	warm	DeKalb, IN	22
Detroit, MI	Macomb, MI	warm	Eaton, MI	8
Detroit, MI	Macomb, MI	warm	Elkhart, IN	6
Detroit, MI	Macomb, MI	warm	Erie, OH	45
Detroit, MI	Macomb, MI	warm	Fulton, OH	59
Detroit, MI	Macomb, MI	warm	Genesee, MI	16
Detroit, MI	Macomb, MI	warm	Gladwin, MI	1
Detroit, MI	Macomb, MI	warm	Gratiot, MI	4
Detroit, MI	Macomb, MI	warm	Hancock, OH	46
Detroit, MI	Macomb, MI	warm	Hardin, OH	34
Detroit, MI	Macomb, MI	warm	Henry, OH	55
Detroit, MI	Macomb, MI	warm	Hillsdale, MI	28
Detroit, MI	Macomb, MI	warm	Huron, MI	5
Detroit, MI	Macomb, MI	warm	Huron, OH	37
Detroit, MI	Macomb, MI	warm	Ingham, MI	14
Detroit, MI	Macomb, MI	warm	Ionia, MI	4
Detroit, MI	Macomb, MI	warm	Isabella, MI	2
Detroit, MI	Macomb, MI	warm	Jackson, MI	25
Detroit, MI	Macomb, MI	warm	Kalamazoo, MI	5
Detroit, MI	Macomb, MI	warm	Kent, MI	3
Detroit, MI	Macomb, MI	warm	Lagrange, IN	10
Detroit, MI	Macomb, MI	warm	Lapeer, MI	25
Detroit, MI	Macomb, MI	warm	Lenawee, MI	61
Detroit, MI	Macomb, MI	warm	Livingston, MI	33
Detroit, MI	Macomb, MI	warm	Lucas, OH	82
Detroit, MI	Macomb, MI	warm	Macomb, MI	66
Detroit, MI	Macomb, MI	warm	Midland, MI	2
Detroit, MI	Macomb, MI	warm	Monroe, MI	100
Detroit, MI	Macomb, MI	warm	Montcalm, MI	2
Detroit, MI	Macomb, MI	warm	Noble, IN	13
Detroit, MI	Macomb, MI	warm	Oakland, MI	60
Detroit, MI	Macomb, MI	warm	Ottawa, OH	74
Detroit, MI	Macomb, MI	warm	Paulding, OH	37
Detroit, MI	Macomb, MI	warm	Putnam, OH	45
Detroit, MI	Macomb, MI	warm	Saginaw, MI	5
Detroit, MI	Macomb, MI	warm	Sandusky, OH	60
Detroit, MI	Macomb, MI	warm	Sanilac, MI	16
Detroit, MI	Macomb, MI	warm	Seneca, OH	46
Detroit, MI	Macomb, MI	warm	Shiawassee, MI	10
Detroit, MI	Macomb, MI	warm	St. Clair, MI	43
Detroit, MI	Macomb, MI	warm	St. Joseph, MI	7
Detroit, MI	Macomb, MI	warm	Steuben, IN	19
Detroit, MI	Macomb, MI	warm	Tuscola, MI	6

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Detroit, MI	Macomb, MI	warm	Van Buren, MI	3
Detroit, MI	Macomb, MI	warm	Van Wert, OH	35
Detroit, MI	Macomb, MI	warm	Washtenaw, MI	66
Detroit, MI	Macomb, MI	warm	Wayne, MI	100
Detroit, MI	Macomb, MI	warm	Williams, OH	35
Detroit, MI	Macomb, MI	warm	Wood, OH	67
Detroit, MI	Macomb, MI	warm	Wyandot, OH	36
Detroit, MI	Monroe, MI	cold	Allegan, MI	8
Detroit, MI	Monroe, MI	cold	Allen, IN	22
Detroit, MI	Monroe, MI	cold	Allen, OH	25
Detroit, MI	Monroe, MI	cold	Arenac, MI	1
Detroit, MI	Monroe, MI	cold	Barry, MI	10
Detroit, MI	Monroe, MI	cold	Bay, MI	3
Detroit, MI	Monroe, MI	cold	Branch, MI	17
Detroit, MI	Monroe, MI	cold	Calhoun, MI	14
Detroit, MI	Monroe, MI	cold	Cass, MI	10
Detroit, MI	Monroe, MI	cold	Clare, MI	2
Detroit, MI	Monroe, MI	cold	Clinton, MI	11
Detroit, MI	Monroe, MI	cold	Crawford, OH	22
Detroit, MI	Monroe, MI	cold	Defiance, OH	35
Detroit, MI	Monroe, MI	cold	DeKalb, IN	23
Detroit, MI	Monroe, MI	cold	Eaton, MI	13
Detroit, MI	Monroe, MI	cold	Elkhart, IN	14
Detroit, MI	Monroe, MI	cold	Erie, OH	33
Detroit, MI	Monroe, MI	cold	Fulton, OH	54
Detroit, MI	Monroe, MI	cold	Genesee, MI	17
Detroit, MI	Monroe, MI	cold	Gladwin, MI	2
Detroit, MI	Monroe, MI	cold	Gratiot, MI	6
Detroit, MI	Monroe, MI	cold	Hancock, OH	36
Detroit, MI	Monroe, MI	cold	Hardin, OH	24
Detroit, MI	Monroe, MI	cold	Henry, OH	47
Detroit, MI	Monroe, MI	cold	Hillsdale, MI	28
Detroit, MI	Monroe, MI	cold	Huron, MI	2
Detroit, MI	Monroe, MI	cold	Huron, OH	24
Detroit, MI	Monroe, MI	cold	Ingham, MI	20
Detroit, MI	Monroe, MI	cold	Ionia, MI	9
Detroit, MI	Monroe, MI	cold	Isabella, MI	4
Detroit, MI	Monroe, MI	cold	Jackson, MI	28
Detroit, MI	Monroe, MI	cold	Kalamazoo, MI	10
Detroit, MI	Monroe, MI	cold	Kent, MI	7
Detroit, MI	Monroe, MI	cold	Lagrange, IN	16
Detroit, MI	Monroe, MI	cold	Lapeer, MI	19
Detroit, MI	Monroe, MI	cold	Lenawee, MI	59
Detroit, MI	Monroe, MI	cold	Livingston, MI	36
Detroit, MI	Monroe, MI	cold	Lucas, OH	79
Detroit, MI	Monroe, MI	cold	Macomb, MI	55
Detroit, MI	Monroe, MI	cold	Midland, MI	4
Detroit, MI	Monroe, MI	cold	Monroe, MI	100
Detroit, MI	Monroe, MI	cold	Montcalm, MI	6

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Detroit, MI	Monroe, MI	cold	Noble, IN	18
Detroit, MI	Monroe, MI	cold	Oakland, MI	57
Detroit, MI	Monroe, MI	cold	Ottawa, OH	69
Detroit, MI	Monroe, MI	cold	Paulding, OH	29
Detroit, MI	Monroe, MI	cold	Putnam, OH	33
Detroit, MI	Monroe, MI	cold	Saginaw, MI	6
Detroit, MI	Monroe, MI	cold	Sandusky, OH	52
Detroit, MI	Monroe, MI	cold	Sanilac, MI	7
Detroit, MI	Monroe, MI	cold	Seneca, OH	36
Detroit, MI	Monroe, MI	cold	Shiawassee, MI	14
Detroit, MI	Monroe, MI	cold	St. Clair, MI	29
Detroit, MI	Monroe, MI	cold	St. Joseph, MI	12
Detroit, MI	Monroe, MI	cold	Steuben, IN	21
Detroit, MI	Monroe, MI	cold	Tuscola, MI	5
Detroit, MI	Monroe, MI	cold	Van Buren, MI	9
Detroit, MI	Monroe, MI	cold	Van Wert, OH	23
Detroit, MI	Monroe, MI	cold	Washtenaw, MI	66
Detroit, MI	Monroe, MI	cold	Wayne, MI	100
Detroit, MI	Monroe, MI	cold	Williams, OH	32
Detroit, MI	Monroe, MI	cold	Wood, OH	61
Detroit, MI	Monroe, MI	cold	Wyandot, OH	27
Detroit, MI	Monroe, MI	warm	Allegan, MI	3
Detroit, MI	Monroe, MI	warm	Allen, IN	15
Detroit, MI	Monroe, MI	warm	Allen, OH	40
Detroit, MI	Monroe, MI	warm	Arenac, MI	0
Detroit, MI	Monroe, MI	warm	Barry, MI	4
Detroit, MI	Monroe, MI	warm	Bay, MI	0
Detroit, MI	Monroe, MI	warm	Branch, MI	9
Detroit, MI	Monroe, MI	warm	Calhoun, MI	7
Detroit, MI	Monroe, MI	warm	Cass, MI	4
Detroit, MI	Monroe, MI	warm	Clare, MI	0
Detroit, MI	Monroe, MI	warm	Clinton, MI	2
Detroit, MI	Monroe, MI	warm	Crawford, OH	31
Detroit, MI	Monroe, MI	warm	Defiance, OH	32
Detroit, MI	Monroe, MI	warm	DeKalb, IN	14
Detroit, MI	Monroe, MI	warm	Eaton, MI	5
Detroit, MI	Monroe, MI	warm	Elkhart, IN	5
Detroit, MI	Monroe, MI	warm	Erie, OH	51
Detroit, MI	Monroe, MI	warm	Fulton, OH	48
Detroit, MI	Monroe, MI	warm	Genesee, MI	6
Detroit, MI	Monroe, MI	warm	Gladwin, MI	0
Detroit, MI	Monroe, MI	warm	Gratiot, MI	1
Detroit, MI	Monroe, MI	warm	Hancock, OH	48
Detroit, MI	Monroe, MI	warm	Hardin, OH	34
Detroit, MI	Monroe, MI	warm	Henry, OH	51
Detroit, MI	Monroe, MI	warm	Hillsdale, MI	18
Detroit, MI	Monroe, MI	warm	Huron, MI	1
Detroit, MI	Monroe, MI	warm	Huron, OH	40
Detroit, MI	Monroe, MI	warm	Ingham, MI	8

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Detroit, MI	Monroe, MI	warm	Ionia, MI	2
Detroit, MI	Monroe, MI	warm	Isabella, MI	0
Detroit, MI	Monroe, MI	warm	Jackson, MI	17
Detroit, MI	Monroe, MI	warm	Kalamazoo, MI	5
Detroit, MI	Monroe, MI	warm	Kent, MI	1
Detroit, MI	Monroe, MI	warm	Lagrange, IN	7
Detroit, MI	Monroe, MI	warm	Lapeer, MI	10
Detroit, MI	Monroe, MI	warm	Lenawee, MI	49
Detroit, MI	Monroe, MI	warm	Livingston, MI	20
Detroit, MI	Monroe, MI	warm	Lucas, OH	82
Detroit, MI	Monroe, MI	warm	Macomb, MI	48
Detroit, MI	Monroe, MI	warm	Midland, MI	0
Detroit, MI	Monroe, MI	warm	Monroe, MI	100
Detroit, MI	Monroe, MI	warm	Montcalm, MI	0
Detroit, MI	Monroe, MI	warm	Noble, IN	8
Detroit, MI	Monroe, MI	warm	Oakland, MI	44
Detroit, MI	Monroe, MI	warm	Ottawa, OH	80
Detroit, MI	Monroe, MI	warm	Paulding, OH	30
Detroit, MI	Monroe, MI	warm	Putnam, OH	44
Detroit, MI	Monroe, MI	warm	Saginaw, MI	1
Detroit, MI	Monroe, MI	warm	Sandusky, OH	63
Detroit, MI	Monroe, MI	warm	Sanilac, MI	4
Detroit, MI	Monroe, MI	warm	Seneca, OH	46
Detroit, MI	Monroe, MI	warm	Shiawassee, MI	3
Detroit, MI	Monroe, MI	warm	St. Clair, MI	23
Detroit, MI	Monroe, MI	warm	St. Joseph, MI	6
Detroit, MI	Monroe, MI	warm	Steuben, IN	12
Detroit, MI	Monroe, MI	warm	Tuscola, MI	1
Detroit, MI	Monroe, MI	warm	Van Buren, MI	4
Detroit, MI	Monroe, MI	warm	Van Wert, OH	31
Detroit, MI	Monroe, MI	warm	Washtenaw, MI	54
Detroit, MI	Monroe, MI	warm	Wayne, MI	100
Detroit, MI	Monroe, MI	warm	Williams, OH	24
Detroit, MI	Monroe, MI	warm	Wood, OH	69
Detroit, MI	Monroe, MI	warm	Wyandot, OH	36
Detroit, MI	Oakland, MI	cold	Allegan, MI	5
Detroit, MI	Oakland, MI	cold	Allen, IN	20
Detroit, MI	Oakland, MI	cold	Allen, OH	16
Detroit, MI	Oakland, MI	cold	Arenac, MI	1
Detroit, MI	Oakland, MI	cold	Barry, MI	7
Detroit, MI	Oakland, MI	cold	Bay, MI	2
Detroit, MI	Oakland, MI	cold	Branch, MI	12
Detroit, MI	Oakland, MI	cold	Calhoun, MI	11
Detroit, MI	Oakland, MI	cold	Cass, MI	8
Detroit, MI	Oakland, MI	cold	Clare, MI	1
Detroit, MI	Oakland, MI	cold	Clinton, MI	10
Detroit, MI	Oakland, MI	cold	Crawford, OH	17
Detroit, MI	Oakland, MI	cold	Defiance, OH	31
Detroit, MI	Oakland, MI	cold	DeKalb, IN	21

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Detroit, MI	Oakland, MI	cold	Eaton, MI	12
Detroit, MI	Oakland, MI	cold	Elkhart, IN	11
Detroit, MI	Oakland, MI	cold	Erie, OH	26
Detroit, MI	Oakland, MI	cold	Fulton, OH	42
Detroit, MI	Oakland, MI	cold	Genesee, MI	13
Detroit, MI	Oakland, MI	cold	Gladwin, MI	1
Detroit, MI	Oakland, MI	cold	Gratiot, MI	5
Detroit, MI	Oakland, MI	cold	Hancock, OH	23
Detroit, MI	Oakland, MI	cold	Hardin, OH	15
Detroit, MI	Oakland, MI	cold	Henry, OH	36
Detroit, MI	Oakland, MI	cold	Hillsdale, MI	22
Detroit, MI	Oakland, MI	cold	Huron, MI	1
Detroit, MI	Oakland, MI	cold	Huron, OH	21
Detroit, MI	Oakland, MI	cold	Ingham, MI	20
Detroit, MI	Oakland, MI	cold	Ionia, MI	7
Detroit, MI	Oakland, MI	cold	Isabella, MI	2
Detroit, MI	Oakland, MI	cold	Jackson, MI	24
Detroit, MI	Oakland, MI	cold	Kalamazoo, MI	7
Detroit, MI	Oakland, MI	cold	Kent, MI	5
Detroit, MI	Oakland, MI	cold	Lagrange, IN	13
Detroit, MI	Oakland, MI	cold	Lapeer, MI	12
Detroit, MI	Oakland, MI	cold	Lenawee, MI	47
Detroit, MI	Oakland, MI	cold	Livingston, MI	35
Detroit, MI	Oakland, MI	cold	Lucas, OH	58
Detroit, MI	Oakland, MI	cold	Macomb, MI	47
Detroit, MI	Oakland, MI	cold	Midland, MI	3
Detroit, MI	Oakland, MI	cold	Monroe, MI	85
Detroit, MI	Oakland, MI	cold	Montcalm, MI	4
Detroit, MI	Oakland, MI	cold	Noble, IN	15
Detroit, MI	Oakland, MI	cold	Oakland, MI	53
Detroit, MI	Oakland, MI	cold	Ottawa, OH	47
Detroit, MI	Oakland, MI	cold	Paulding, OH	26
Detroit, MI	Oakland, MI	cold	Putnam, OH	25
Detroit, MI	Oakland, MI	cold	Saginaw, MI	5
Detroit, MI	Oakland, MI	cold	Sandusky, OH	34
Detroit, MI	Oakland, MI	cold	Sanilac, MI	4
Detroit, MI	Oakland, MI	cold	Seneca, OH	24
Detroit, MI	Oakland, MI	cold	Shiawassee, MI	13
Detroit, MI	Oakland, MI	cold	St. Clair, MI	20
Detroit, MI	Oakland, MI	cold	St. Joseph, MI	9
Detroit, MI	Oakland, MI	cold	Steuben, IN	17
Detroit, MI	Oakland, MI	cold	Tuscola, MI	3
Detroit, MI	Oakland, MI	cold	Van Buren, MI	6
Detroit, MI	Oakland, MI	cold	Van Wert, OH	19
Detroit, MI	Oakland, MI	cold	Washtenaw, MI	62
Detroit, MI	Oakland, MI	cold	Wayne, MI	100
Detroit, MI	Oakland, MI	cold	Williams, OH	28
Detroit, MI	Oakland, MI	cold	Wood, OH	41
Detroit, MI	Oakland, MI	cold	Wyandot, OH	18

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Detroit, MI	Oakland, MI	warm	Allegan, MI	2
Detroit, MI	Oakland, MI	warm	Allen, IN	15
Detroit, MI	Oakland, MI	warm	Allen, OH	38
Detroit, MI	Oakland, MI	warm	Arenac, MI	0
Detroit, MI	Oakland, MI	warm	Barry, MI	3
Detroit, MI	Oakland, MI	warm	Bay, MI	1
Detroit, MI	Oakland, MI	warm	Branch, MI	7
Detroit, MI	Oakland, MI	warm	Calhoun, MI	5
Detroit, MI	Oakland, MI	warm	Cass, MI	2
Detroit, MI	Oakland, MI	warm	Clare, MI	0
Detroit, MI	Oakland, MI	warm	Clinton, MI	3
Detroit, MI	Oakland, MI	warm	Crawford, OH	24
Detroit, MI	Oakland, MI	warm	Defiance, OH	31
Detroit, MI	Oakland, MI	warm	DeKalb, IN	13
Detroit, MI	Oakland, MI	warm	Eaton, MI	4
Detroit, MI	Oakland, MI	warm	Elkhart, IN	3
Detroit, MI	Oakland, MI	warm	Erie, OH	46
Detroit, MI	Oakland, MI	warm	Fulton, OH	44
Detroit, MI	Oakland, MI	warm	Genesee, MI	10
Detroit, MI	Oakland, MI	warm	Gladwin, MI	0
Detroit, MI	Oakland, MI	warm	Gratiot, MI	1
Detroit, MI	Oakland, MI	warm	Hancock, OH	41
Detroit, MI	Oakland, MI	warm	Hardin, OH	29
Detroit, MI	Oakland, MI	warm	Henry, OH	47
Detroit, MI	Oakland, MI	warm	Hillsdale, MI	17
Detroit, MI	Oakland, MI	warm	Huron, MI	3
Detroit, MI	Oakland, MI	warm	Huron, OH	34
Detroit, MI	Oakland, MI	warm	Ingham, MI	8
Detroit, MI	Oakland, MI	warm	Ionia, MI	2
Detroit, MI	Oakland, MI	warm	Isabella, MI	0
Detroit, MI	Oakland, MI	warm	Jackson, MI	15
Detroit, MI	Oakland, MI	warm	Kalamazoo, MI	3
Detroit, MI	Oakland, MI	warm	Kent, MI	1
Detroit, MI	Oakland, MI	warm	Lagrange, IN	5
Detroit, MI	Oakland, MI	warm	Lapeer, MI	18
Detroit, MI	Oakland, MI	warm	Lenawee, MI	43
Detroit, MI	Oakland, MI	warm	Livingston, MI	22
Detroit, MI	Oakland, MI	warm	Lucas, OH	69
Detroit, MI	Oakland, MI	warm	Macomb, MI	63
Detroit, MI	Oakland, MI	warm	Midland, MI	0
Detroit, MI	Oakland, MI	warm	Monroe, MI	88
Detroit, MI	Oakland, MI	warm	Montcalm, MI	1
Detroit, MI	Oakland, MI	warm	Noble, IN	7
Detroit, MI	Oakland, MI	warm	Oakland, MI	52
Detroit, MI	Oakland, MI	warm	Ottawa, OH	69
Detroit, MI	Oakland, MI	warm	Paulding, OH	30
Detroit, MI	Oakland, MI	warm	Putnam, OH	42
Detroit, MI	Oakland, MI	warm	Saginaw, MI	2
Detroit, MI	Oakland, MI	warm	Sandusky, OH	53

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Detroit, MI	Oakland, MI	warm	Sanilac, MI	11
Detroit, MI	Oakland, MI	warm	Seneca, OH	37
Detroit, MI	Oakland, MI	warm	Shiawassee, MI	5
Detroit, MI	Oakland, MI	warm	St. Clair, MI	38
Detroit, MI	Oakland, MI	warm	St. Joseph, MI	3
Detroit, MI	Oakland, MI	warm	Steuben, IN	11
Detroit, MI	Oakland, MI	warm	Tuscola, MI	3
Detroit, MI	Oakland, MI	warm	Van Buren, MI	2
Detroit, MI	Oakland, MI	warm	Van Wert, OH	31
Detroit, MI	Oakland, MI	warm	Washtenaw, MI	49
Detroit, MI	Oakland, MI	warm	Wayne, MI	100
Detroit, MI	Oakland, MI	warm	Williams, OH	23
Detroit, MI	Oakland, MI	warm	Wood, OH	58
Detroit, MI	Oakland, MI	warm	Wyandot, OH	28
Detroit, MI	St. Clair, MI	cold	Allegan, MI	5
Detroit, MI	St. Clair, MI	cold	Allen, IN	21
Detroit, MI	St. Clair, MI	cold	Allen, OH	29
Detroit, MI	St. Clair, MI	cold	Arenac, MI	2
Detroit, MI	St. Clair, MI	cold	Barry, MI	7
Detroit, MI	St. Clair, MI	cold	Bay, MI	3
Detroit, MI	St. Clair, MI	cold	Branch, MI	12
Detroit, MI	St. Clair, MI	cold	Calhoun, MI	10
Detroit, MI	St. Clair, MI	cold	Cass, MI	6
Detroit, MI	St. Clair, MI	cold	Clare, MI	2
Detroit, MI	St. Clair, MI	cold	Clinton, MI	8
Detroit, MI	St. Clair, MI	cold	Crawford, OH	26
Detroit, MI	St. Clair, MI	cold	Defiance, OH	33
Detroit, MI	St. Clair, MI	cold	DeKalb, IN	20
Detroit, MI	St. Clair, MI	cold	Eaton, MI	9
Detroit, MI	St. Clair, MI	cold	Elkhart, IN	9
Detroit, MI	St. Clair, MI	cold	Erie, OH	39
Detroit, MI	St. Clair, MI	cold	Fulton, OH	49
Detroit, MI	St. Clair, MI	cold	Genesee, MI	17
Detroit, MI	St. Clair, MI	cold	Gladwin, MI	2
Detroit, MI	St. Clair, MI	cold	Gratiot, MI	5
Detroit, MI	St. Clair, MI	cold	Hancock, OH	38
Detroit, MI	St. Clair, MI	cold	Hardin, OH	26
Detroit, MI	St. Clair, MI	cold	Henry, OH	46
Detroit, MI	St. Clair, MI	cold	Hillsdale, MI	23
Detroit, MI	St. Clair, MI	cold	Huron, MI	3
Detroit, MI	St. Clair, MI	cold	Huron, OH	31
Detroit, MI	St. Clair, MI	cold	Ingham, MI	16
Detroit, MI	St. Clair, MI	cold	Ionia, MI	6
Detroit, MI	St. Clair, MI	cold	Isabella, MI	3
Detroit, MI	St. Clair, MI	cold	Jackson, MI	22
Detroit, MI	St. Clair, MI	cold	Kalamazoo, MI	6
Detroit, MI	St. Clair, MI	cold	Kent, MI	5
Detroit, MI	St. Clair, MI	cold	Lagrange, IN	12
Detroit, MI	St. Clair, MI	cold	Lapeer, MI	25

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Detroit, MI	St. Clair, MI	cold	Lenawee, MI	51
Detroit, MI	St. Clair, MI	cold	Livingston, MI	32
Detroit, MI	St. Clair, MI	cold	Lucas, OH	74
Detroit, MI	St. Clair, MI	cold	Macomb, MI	67
Detroit, MI	St. Clair, MI	cold	Midland, MI	3
Detroit, MI	St. Clair, MI	cold	Monroe, MI	94
Detroit, MI	St. Clair, MI	cold	Montcalm, MI	5
Detroit, MI	St. Clair, MI	cold	Noble, IN	14
Detroit, MI	St. Clair, MI	cold	Oakland, MI	59
Detroit, MI	St. Clair, MI	cold	Ottawa, OH	68
Detroit, MI	St. Clair, MI	cold	Paulding, OH	29
Detroit, MI	St. Clair, MI	cold	Putnam, OH	35
Detroit, MI	St. Clair, MI	cold	Saginaw, MI	6
Detroit, MI	St. Clair, MI	cold	Sandusky, OH	53
Detroit, MI	St. Clair, MI	cold	Sanilac, MI	13
Detroit, MI	St. Clair, MI	cold	Seneca, OH	38
Detroit, MI	St. Clair, MI	cold	Shiawassee, MI	12
Detroit, MI	St. Clair, MI	cold	St. Clair, MI	42
Detroit, MI	St. Clair, MI	cold	St. Joseph, MI	8
Detroit, MI	St. Clair, MI	cold	Steuben, IN	17
Detroit, MI	St. Clair, MI	cold	Tuscola, MI	6
Detroit, MI	St. Clair, MI	cold	Van Buren, MI	5
Detroit, MI	St. Clair, MI	cold	Van Wert, OH	26
Detroit, MI	St. Clair, MI	cold	Washtenaw, MI	59
Detroit, MI	St. Clair, MI	cold	Wayne, MI	100
Detroit, MI	St. Clair, MI	cold	Williams, OH	28
Detroit, MI	St. Clair, MI	cold	Wood, OH	59
Detroit, MI	St. Clair, MI	cold	Wyandot, OH	29
Detroit, MI	St. Clair, MI	warm	Allegan, MI	4
Detroit, MI	St. Clair, MI	warm	Allen, IN	26
Detroit, MI	St. Clair, MI	warm	Allen, OH	41
Detroit, MI	St. Clair, MI	warm	Arenac, MI	2
Detroit, MI	St. Clair, MI	warm	Barry, MI	7
Detroit, MI	St. Clair, MI	warm	Bay, MI	4
Detroit, MI	St. Clair, MI	warm	Branch, MI	15
Detroit, MI	St. Clair, MI	warm	Calhoun, MI	12
Detroit, MI	St. Clair, MI	warm	Cass, MI	5
Detroit, MI	St. Clair, MI	warm	Clare, MI	1
Detroit, MI	St. Clair, MI	warm	Clinton, MI	9
Detroit, MI	St. Clair, MI	warm	Crawford, OH	28
Detroit, MI	St. Clair, MI	warm	Defiance, OH	39
Detroit, MI	St. Clair, MI	warm	DeKalb, IN	23
Detroit, MI	St. Clair, MI	warm	Eaton, MI	11
Detroit, MI	St. Clair, MI	warm	Elkhart, IN	8
Detroit, MI	St. Clair, MI	warm	Erie, OH	52
Detroit, MI	St. Clair, MI	warm	Fulton, OH	50
Detroit, MI	St. Clair, MI	warm	Genesee, MI	23
Detroit, MI	St. Clair, MI	warm	Gladwin, MI	2
Detroit, MI	St. Clair, MI	warm	Gratiot, MI	6

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Detroit, MI	St. Clair, MI	warm	Hancock, OH	44
Detroit, MI	St. Clair, MI	warm	Hardin, OH	30
Detroit, MI	St. Clair, MI	warm	Henry, OH	51
Detroit, MI	St. Clair, MI	warm	Hillsdale, MI	26
Detroit, MI	St. Clair, MI	warm	Huron, MI	10
Detroit, MI	St. Clair, MI	warm	Huron, OH	38
Detroit, MI	St. Clair, MI	warm	Ingham, MI	17
Detroit, MI	St. Clair, MI	warm	Ionia, MI	6
Detroit, MI	St. Clair, MI	warm	Isabella, MI	3
Detroit, MI	St. Clair, MI	warm	Jackson, MI	25
Detroit, MI	St. Clair, MI	warm	Kalamazoo, MI	7
Detroit, MI	St. Clair, MI	warm	Kent, MI	4
Detroit, MI	St. Clair, MI	warm	Lagrange, IN	12
Detroit, MI	St. Clair, MI	warm	Lapeer, MI	37
Detroit, MI	St. Clair, MI	warm	Lenawee, MI	51
Detroit, MI	St. Clair, MI	warm	Livingston, MI	35
Detroit, MI	St. Clair, MI	warm	Lucas, OH	72
Detroit, MI	St. Clair, MI	warm	Macomb, MI	82
Detroit, MI	St. Clair, MI	warm	Midland, MI	4
Detroit, MI	St. Clair, MI	warm	Monroe, MI	88
Detroit, MI	St. Clair, MI	warm	Montcalm, MI	4
Detroit, MI	St. Clair, MI	warm	Noble, IN	15
Detroit, MI	St. Clair, MI	warm	Oakland, MI	66
Detroit, MI	St. Clair, MI	warm	Ottawa, OH	77
Detroit, MI	St. Clair, MI	warm	Paulding, OH	38
Detroit, MI	St. Clair, MI	warm	Putnam, OH	46
Detroit, MI	St. Clair, MI	warm	Saginaw, MI	8
Detroit, MI	St. Clair, MI	warm	Sandusky, OH	62
Detroit, MI	St. Clair, MI	warm	Sanilac, MI	28
Detroit, MI	St. Clair, MI	warm	Seneca, OH	45
Detroit, MI	St. Clair, MI	warm	Shiawassee, MI	14
Detroit, MI	St. Clair, MI	warm	St. Clair, MI	62
Detroit, MI	St. Clair, MI	warm	St. Joseph, MI	9
Detroit, MI	St. Clair, MI	warm	Steuben, IN	20
Detroit, MI	St. Clair, MI	warm	Tuscola, MI	12
Detroit, MI	St. Clair, MI	warm	Van Buren, MI	4
Detroit, MI	St. Clair, MI	warm	Van Wert, OH	38
Detroit, MI	St. Clair, MI	warm	Washtenaw, MI	58
Detroit, MI	St. Clair, MI	warm	Wayne, MI	100
Detroit, MI	St. Clair, MI	warm	Williams, OH	32
Detroit, MI	St. Clair, MI	warm	Wood, OH	62
Detroit, MI	St. Clair, MI	warm	Wyandot, OH	32
Detroit, MI	Washtenaw, MI	cold	Allegan, MI	6
Detroit, MI	Washtenaw, MI	cold	Allen, IN	22
Detroit, MI	Washtenaw, MI	cold	Allen, OH	22
Detroit, MI	Washtenaw, MI	cold	Arenac, MI	1
Detroit, MI	Washtenaw, MI	cold	Barry, MI	9
Detroit, MI	Washtenaw, MI	cold	Bay, MI	3
Detroit, MI	Washtenaw, MI	cold	Branch, MI	15

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Detroit, MI	Washtenaw, MI	cold	Calhoun, MI	13
Detroit, MI	Washtenaw, MI	cold	Cass, MI	9
Detroit, MI	Washtenaw, MI	cold	Clare, MI	1
Detroit, MI	Washtenaw, MI	cold	Clinton, MI	11
Detroit, MI	Washtenaw, MI	cold	Crawford, OH	18
Detroit, MI	Washtenaw, MI	cold	Defiance, OH	33
Detroit, MI	Washtenaw, MI	cold	DeKalb, IN	23
Detroit, MI	Washtenaw, MI	cold	Eaton, MI	13
Detroit, MI	Washtenaw, MI	cold	Elkhart, IN	12
Detroit, MI	Washtenaw, MI	cold	Erie, OH	26
Detroit, MI	Washtenaw, MI	cold	Fulton, OH	48
Detroit, MI	Washtenaw, MI	cold	Genesee, MI	17
Detroit, MI	Washtenaw, MI	cold	Gladwin, MI	2
Detroit, MI	Washtenaw, MI	cold	Gratiot, MI	6
Detroit, MI	Washtenaw, MI	cold	Hancock, OH	31
Detroit, MI	Washtenaw, MI	cold	Hardin, OH	21
Detroit, MI	Washtenaw, MI	cold	Henry, OH	42
Detroit, MI	Washtenaw, MI	cold	Hillsdale, MI	25
Detroit, MI	Washtenaw, MI	cold	Huron, MI	2
Detroit, MI	Washtenaw, MI	cold	Huron, OH	19
Detroit, MI	Washtenaw, MI	cold	Ingham, MI	22
Detroit, MI	Washtenaw, MI	cold	Ionia, MI	8
Detroit, MI	Washtenaw, MI	cold	Isabella, MI	3
Detroit, MI	Washtenaw, MI	cold	Jackson, MI	28
Detroit, MI	Washtenaw, MI	cold	Kalamazoo, MI	8
Detroit, MI	Washtenaw, MI	cold	Kent, MI	6
Detroit, MI	Washtenaw, MI	cold	Lagrange, IN	14
Detroit, MI	Washtenaw, MI	cold	Lapeer, MI	17
Detroit, MI	Washtenaw, MI	cold	Lenawee, MI	54
Detroit, MI	Washtenaw, MI	cold	Livingston, MI	38
Detroit, MI	Washtenaw, MI	cold	Lucas, OH	67
Detroit, MI	Washtenaw, MI	cold	Macomb, MI	51
Detroit, MI	Washtenaw, MI	cold	Midland, MI	3
Detroit, MI	Washtenaw, MI	cold	Monroe, MI	92
Detroit, MI	Washtenaw, MI	cold	Montcalm, MI	5
Detroit, MI	Washtenaw, MI	cold	Noble, IN	17
Detroit, MI	Washtenaw, MI	cold	Oakland, MI	57
Detroit, MI	Washtenaw, MI	cold	Ottawa, OH	56
Detroit, MI	Washtenaw, MI	cold	Paulding, OH	28
Detroit, MI	Washtenaw, MI	cold	Putnam, OH	30
Detroit, MI	Washtenaw, MI	cold	Saginaw, MI	6
Detroit, MI	Washtenaw, MI	cold	Sandusky, OH	42
Detroit, MI	Washtenaw, MI	cold	Sanilac, MI	6
Detroit, MI	Washtenaw, MI	cold	Seneca, OH	29
Detroit, MI	Washtenaw, MI	cold	Shiawassee, MI	15
Detroit, MI	Washtenaw, MI	cold	St. Clair, MI	24
Detroit, MI	Washtenaw, MI	cold	St. Joseph, MI	10
Detroit, MI	Washtenaw, MI	cold	Steuben, IN	20
Detroit, MI	Washtenaw, MI	cold	Tuscola, MI	4

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Detroit, MI	Washtenaw, MI	cold	Van Buren, MI	7
Detroit, MI	Washtenaw, MI	cold	Van Wert, OH	21
Detroit, MI	Washtenaw, MI	cold	Washtenaw, MI	67
Detroit, MI	Washtenaw, MI	cold	Wayne, MI	100
Detroit, MI	Washtenaw, MI	cold	Williams, OH	30
Detroit, MI	Washtenaw, MI	cold	Wood, OH	50
Detroit, MI	Washtenaw, MI	cold	Wyandot, OH	23
Detroit, MI	Washtenaw, MI	warm	Allegan, MI	3
Detroit, MI	Washtenaw, MI	warm	Allen, IN	14
Detroit, MI	Washtenaw, MI	warm	Allen, OH	25
Detroit, MI	Washtenaw, MI	warm	Arenac, MI	0
Detroit, MI	Washtenaw, MI	warm	Barry, MI	4
Detroit, MI	Washtenaw, MI	warm	Bay, MI	0
Detroit, MI	Washtenaw, MI	warm	Branch, MI	10
Detroit, MI	Washtenaw, MI	warm	Calhoun, MI	8
Detroit, MI	Washtenaw, MI	warm	Cass, MI	4
Detroit, MI	Washtenaw, MI	warm	Clare, MI	0
Detroit, MI	Washtenaw, MI	warm	Clinton, MI	3
Detroit, MI	Washtenaw, MI	warm	Crawford, OH	27
Detroit, MI	Washtenaw, MI	warm	Defiance, OH	28
Detroit, MI	Washtenaw, MI	warm	DeKalb, IN	14
Detroit, MI	Washtenaw, MI	warm	Eaton, MI	6
Detroit, MI	Washtenaw, MI	warm	Elkhart, IN	5
Detroit, MI	Washtenaw, MI	warm	Erie, OH	44
Detroit, MI	Washtenaw, MI	warm	Fulton, OH	44
Detroit, MI	Washtenaw, MI	warm	Genesee, MI	10
Detroit, MI	Washtenaw, MI	warm	Gladwin, MI	0
Detroit, MI	Washtenaw, MI	warm	Gratiot, MI	1
Detroit, MI	Washtenaw, MI	warm	Hancock, OH	32
Detroit, MI	Washtenaw, MI	warm	Hardin, OH	24
Detroit, MI	Washtenaw, MI	warm	Henry, OH	38
Detroit, MI	Washtenaw, MI	warm	Hillsdale, MI	21
Detroit, MI	Washtenaw, MI	warm	Huron, MI	3
Detroit, MI	Washtenaw, MI	warm	Huron, OH	34
Detroit, MI	Washtenaw, MI	warm	Ingham, MI	11
Detroit, MI	Washtenaw, MI	warm	Ionia, MI	2
Detroit, MI	Washtenaw, MI	warm	Isabella, MI	0
Detroit, MI	Washtenaw, MI	warm	Jackson, MI	21
Detroit, MI	Washtenaw, MI	warm	Kalamazoo, MI	6
Detroit, MI	Washtenaw, MI	warm	Kent, MI	1
Detroit, MI	Washtenaw, MI	warm	Lagrange, IN	8
Detroit, MI	Washtenaw, MI	warm	Lapeer, MI	16
Detroit, MI	Washtenaw, MI	warm	Lenawee, MI	51
Detroit, MI	Washtenaw, MI	warm	Livingston, MI	28
Detroit, MI	Washtenaw, MI	warm	Lucas, OH	68
Detroit, MI	Washtenaw, MI	warm	Macomb, MI	57
Detroit, MI	Washtenaw, MI	warm	Midland, MI	0
Detroit, MI	Washtenaw, MI	warm	Monroe, MI	94
Detroit, MI	Washtenaw, MI	warm	Montcalm, MI	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Detroit, MI	Washtenaw, MI	warm	Noble, IN	8
Detroit, MI	Washtenaw, MI	warm	Oakland, MI	53
Detroit, MI	Washtenaw, MI	warm	Ottawa, OH	66
Detroit, MI	Washtenaw, MI	warm	Paulding, OH	25
Detroit, MI	Washtenaw, MI	warm	Putnam, OH	30
Detroit, MI	Washtenaw, MI	warm	Saginaw, MI	1
Detroit, MI	Washtenaw, MI	warm	Sandusky, OH	50
Detroit, MI	Washtenaw, MI	warm	Sanilac, MI	10
Detroit, MI	Washtenaw, MI	warm	Seneca, OH	36
Detroit, MI	Washtenaw, MI	warm	Shiawassee, MI	5
Detroit, MI	Washtenaw, MI	warm	St. Clair, MI	33
Detroit, MI	Washtenaw, MI	warm	St. Joseph, MI	6
Detroit, MI	Washtenaw, MI	warm	Steuben, IN	13
Detroit, MI	Washtenaw, MI	warm	Tuscola, MI	3
Detroit, MI	Washtenaw, MI	warm	Van Buren, MI	4
Detroit, MI	Washtenaw, MI	warm	Van Wert, OH	23
Detroit, MI	Washtenaw, MI	warm	Washtenaw, MI	62
Detroit, MI	Washtenaw, MI	warm	Wayne, MI	100
Detroit, MI	Washtenaw, MI	warm	Williams, OH	24
Detroit, MI	Washtenaw, MI	warm	Wood, OH	51
Detroit, MI	Washtenaw, MI	warm	Wyandot, OH	27
Detroit, MI	Wayne, MI	cold	Allegan, MI	1
Detroit, MI	Wayne, MI	cold	Allen, IN	16
Detroit, MI	Wayne, MI	cold	Allen, OH	26
Detroit, MI	Wayne, MI	cold	Arenac, MI	0
Detroit, MI	Wayne, MI	cold	Barry, MI	1
Detroit, MI	Wayne, MI	cold	Bay, MI	1
Detroit, MI	Wayne, MI	cold	Branch, MI	7
Detroit, MI	Wayne, MI	cold	Calhoun, MI	4
Detroit, MI	Wayne, MI	cold	Cass, MI	4
Detroit, MI	Wayne, MI	cold	Clare, MI	0
Detroit, MI	Wayne, MI	cold	Clinton, MI	3
Detroit, MI	Wayne, MI	cold	Crawford, OH	24
Detroit, MI	Wayne, MI	cold	Defiance, OH	29
Detroit, MI	Wayne, MI	cold	DeKalb, IN	16
Detroit, MI	Wayne, MI	cold	Eaton, MI	3
Detroit, MI	Wayne, MI	cold	Elkhart, IN	6
Detroit, MI	Wayne, MI	cold	Erie, OH	37
Detroit, MI	Wayne, MI	cold	Fulton, OH	43
Detroit, MI	Wayne, MI	cold	Genesee, MI	11
Detroit, MI	Wayne, MI	cold	Gladwin, MI	0
Detroit, MI	Wayne, MI	cold	Gratiot, MI	1
Detroit, MI	Wayne, MI	cold	Hancock, OH	36
Detroit, MI	Wayne, MI	cold	Hardin, OH	25
Detroit, MI	Wayne, MI	cold	Henry, OH	41
Detroit, MI	Wayne, MI	cold	Hillsdale, MI	16
Detroit, MI	Wayne, MI	cold	Huron, MI	1
Detroit, MI	Wayne, MI	cold	Huron, OH	28
Detroit, MI	Wayne, MI	cold	Ingham, MI	9

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Detroit, MI	Wayne, MI	cold	Ionia, MI	1
Detroit, MI	Wayne, MI	cold	Isabella, MI	0
Detroit, MI	Wayne, MI	cold	Jackson, MI	15
Detroit, MI	Wayne, MI	cold	Kalamazoo, MI	3
Detroit, MI	Wayne, MI	cold	Kent, MI	0
Detroit, MI	Wayne, MI	cold	Lagrange, IN	7
Detroit, MI	Wayne, MI	cold	Lapeer, MI	16
Detroit, MI	Wayne, MI	cold	Lenawee, MI	43
Detroit, MI	Wayne, MI	cold	Livingston, MI	24
Detroit, MI	Wayne, MI	cold	Lucas, OH	69
Detroit, MI	Wayne, MI	cold	Macomb, MI	58
Detroit, MI	Wayne, MI	cold	Midland, MI	0
Detroit, MI	Wayne, MI	cold	Monroe, MI	91
Detroit, MI	Wayne, MI	cold	Montcalm, MI	0
Detroit, MI	Wayne, MI	cold	Noble, IN	10
Detroit, MI	Wayne, MI	cold	Oakland, MI	53
Detroit, MI	Wayne, MI	cold	Ottawa, OH	68
Detroit, MI	Wayne, MI	cold	Paulding, OH	26
Detroit, MI	Wayne, MI	cold	Putnam, OH	32
Detroit, MI	Wayne, MI	cold	Saginaw, MI	2
Detroit, MI	Wayne, MI	cold	Sandusky, OH	52
Detroit, MI	Wayne, MI	cold	Sanilac, MI	6
Detroit, MI	Wayne, MI	cold	Seneca, OH	37
Detroit, MI	Wayne, MI	cold	Shiawassee, MI	6
Detroit, MI	Wayne, MI	cold	St. Clair, MI	29
Detroit, MI	Wayne, MI	cold	St. Joseph, MI	5
Detroit, MI	Wayne, MI	cold	Steuben, IN	12
Detroit, MI	Wayne, MI	cold	Tuscola, MI	3
Detroit, MI	Wayne, MI	cold	Van Buren, MI	3
Detroit, MI	Wayne, MI	cold	Van Wert, OH	22
Detroit, MI	Wayne, MI	cold	Washtenaw, MI	52
Detroit, MI	Wayne, MI	cold	Wayne, MI	100
Detroit, MI	Wayne, MI	cold	Williams, OH	23
Detroit, MI	Wayne, MI	cold	Wood, OH	55
Detroit, MI	Wayne, MI	cold	Wyandot, OH	29
Detroit, MI	Wayne, MI	warm	Allegan, MI	1
Detroit, MI	Wayne, MI	warm	Allen, IN	25
Detroit, MI	Wayne, MI	warm	Allen, OH	44
Detroit, MI	Wayne, MI	warm	Arenac, MI	1
Detroit, MI	Wayne, MI	warm	Barry, MI	2
Detroit, MI	Wayne, MI	warm	Bay, MI	2
Detroit, MI	Wayne, MI	warm	Branch, MI	12
Detroit, MI	Wayne, MI	warm	Calhoun, MI	7
Detroit, MI	Wayne, MI	warm	Cass, MI	4
Detroit, MI	Wayne, MI	warm	Clare, MI	1
Detroit, MI	Wayne, MI	warm	Clinton, MI	3
Detroit, MI	Wayne, MI	warm	Crawford, OH	28
Detroit, MI	Wayne, MI	warm	Defiance, OH	40
Detroit, MI	Wayne, MI	warm	DeKalb, IN	23

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Detroit, MI	Wayne, MI	warm	Eaton, MI	4
Detroit, MI	Wayne, MI	warm	Elkhart, IN	7
Detroit, MI	Wayne, MI	warm	Erie, OH	48
Detroit, MI	Wayne, MI	warm	Fulton, OH	55
Detroit, MI	Wayne, MI	warm	Genesee, MI	10
Detroit, MI	Wayne, MI	warm	Gladwin, MI	1
Detroit, MI	Wayne, MI	warm	Gratiot, MI	3
Detroit, MI	Wayne, MI	warm	Hancock, OH	46
Detroit, MI	Wayne, MI	warm	Hardin, OH	34
Detroit, MI	Wayne, MI	warm	Henry, OH	55
Detroit, MI	Wayne, MI	warm	Hillsdale, MI	24
Detroit, MI	Wayne, MI	warm	Huron, MI	2
Detroit, MI	Wayne, MI	warm	Huron, OH	37
Detroit, MI	Wayne, MI	warm	Ingham, MI	9
Detroit, MI	Wayne, MI	warm	Ionia, MI	2
Detroit, MI	Wayne, MI	warm	Isabella, MI	1
Detroit, MI	Wayne, MI	warm	Jackson, MI	19
Detroit, MI	Wayne, MI	warm	Kalamazoo, MI	4
Detroit, MI	Wayne, MI	warm	Kent, MI	1
Detroit, MI	Wayne, MI	warm	Lagrange, IN	11
Detroit, MI	Wayne, MI	warm	Lapeer, MI	14
Detroit, MI	Wayne, MI	warm	Lenawee, MI	54
Detroit, MI	Wayne, MI	warm	Livingston, MI	23
Detroit, MI	Wayne, MI	warm	Lucas, OH	79
Detroit, MI	Wayne, MI	warm	Macomb, MI	50
Detroit, MI	Wayne, MI	warm	Midland, MI	2
Detroit, MI	Wayne, MI	warm	Monroe, MI	99
Detroit, MI	Wayne, MI	warm	Montcalm, MI	2
Detroit, MI	Wayne, MI	warm	Noble, IN	15
Detroit, MI	Wayne, MI	warm	Oakland, MI	49
Detroit, MI	Wayne, MI	warm	Ottawa, OH	75
Detroit, MI	Wayne, MI	warm	Paulding, OH	39
Detroit, MI	Wayne, MI	warm	Putnam, OH	48
Detroit, MI	Wayne, MI	warm	Saginaw, MI	3
Detroit, MI	Wayne, MI	warm	Sandusky, OH	59
Detroit, MI	Wayne, MI	warm	Sanilac, MI	6
Detroit, MI	Wayne, MI	warm	Seneca, OH	42
Detroit, MI	Wayne, MI	warm	Shiawassee, MI	6
Detroit, MI	Wayne, MI	warm	St. Clair, MI	25
Detroit, MI	Wayne, MI	warm	St. Joseph, MI	7
Detroit, MI	Wayne, MI	warm	Steuben, IN	18
Detroit, MI	Wayne, MI	warm	Tuscola, MI	4
Detroit, MI	Wayne, MI	warm	Van Buren, MI	2
Detroit, MI	Wayne, MI	warm	Van Wert, OH	39
Detroit, MI	Wayne, MI	warm	Washtenaw, MI	56
Detroit, MI	Wayne, MI	warm	Wayne, MI	100
Detroit, MI	Wayne, MI	warm	Williams, OH	33
Detroit, MI	Wayne, MI	warm	Wood, OH	65
Detroit, MI	Wayne, MI	warm	Wyandot, OH	32

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Evansville, IN	Dubois, IN	cold	Anderson, KY	19
Evansville, IN	Dubois, IN	cold	Barren, KY	26
Evansville, IN	Dubois, IN	cold	Bartholomew, IN	15
Evansville, IN	Dubois, IN	cold	Breckinridge, KY	50
Evansville, IN	Dubois, IN	cold	Brown, IN	17
Evansville, IN	Dubois, IN	cold	Bullitt, KY	31
Evansville, IN	Dubois, IN	cold	Butler, KY	39
Evansville, IN	Dubois, IN	cold	Caldwell, KY	40
Evansville, IN	Dubois, IN	cold	Carroll, KY	17
Evansville, IN	Dubois, IN	cold	Christian, KY	29
Evansville, IN	Dubois, IN	cold	Clark, IL	15
Evansville, IN	Dubois, IN	cold	Clark, IN	25
Evansville, IN	Dubois, IN	cold	Clay, IL	32
Evansville, IN	Dubois, IN	cold	Clay, IN	16
Evansville, IN	Dubois, IN	cold	Coles, IL	11
Evansville, IN	Dubois, IN	cold	Crawford, IL	28
Evansville, IN	Dubois, IN	cold	Crawford, IN	46
Evansville, IN	Dubois, IN	cold	Crittenden, KY	49
Evansville, IN	Dubois, IN	cold	Cumberland, IL	16
Evansville, IN	Dubois, IN	cold	Daviess, IN	44
Evansville, IN	Dubois, IN	cold	Daviess, KY	79
Evansville, IN	Dubois, IN	cold	Decatur, IN	11
Evansville, IN	Dubois, IN	cold	Dubois, IN	61
Evansville, IN	Dubois, IN	cold	Edgar, IL	9
Evansville, IN	Dubois, IN	cold	Edmonson, KY	35
Evansville, IN	Dubois, IN	cold	Edwards, IL	63
Evansville, IN	Dubois, IN	cold	Effingham, IL	21
Evansville, IN	Dubois, IN	cold	Floyd, IN	31
Evansville, IN	Dubois, IN	cold	Fountain, IN	5
Evansville, IN	Dubois, IN	cold	Franklin, IL	31
Evansville, IN	Dubois, IN	cold	Franklin, KY	18
Evansville, IN	Dubois, IN	cold	Gallatin, IL	64
Evansville, IN	Dubois, IN	cold	Gibson, IN	84
Evansville, IN	Dubois, IN	cold	Grayson, KY	42
Evansville, IN	Dubois, IN	cold	Green, KY	25
Evansville, IN	Dubois, IN	cold	Greene, IN	26
Evansville, IN	Dubois, IN	cold	Hamilton, IL	46
Evansville, IN	Dubois, IN	cold	Hancock, KY	66
Evansville, IN	Dubois, IN	cold	Hardin, IL	53
Evansville, IN	Dubois, IN	cold	Hardin, KY	36
Evansville, IN	Dubois, IN	cold	Harrison, IN	37
Evansville, IN	Dubois, IN	cold	Hart, KY	32
Evansville, IN	Dubois, IN	cold	Henderson, KY	93
Evansville, IN	Dubois, IN	cold	Hendricks, IN	9
Evansville, IN	Dubois, IN	cold	Henry, KY	19
Evansville, IN	Dubois, IN	cold	Hopkins, KY	52
Evansville, IN	Dubois, IN	cold	Jackson, IN	22
Evansville, IN	Dubois, IN	cold	Jasper, IL	26
Evansville, IN	Dubois, IN	cold	Jefferson, IL	29

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Evansville, IN	Dubois, IN	cold	Jefferson, IN	17
Evansville, IN	Dubois, IN	cold	Jefferson, KY	28
Evansville, IN	Dubois, IN	cold	Jennings, IN	16
Evansville, IN	Dubois, IN	cold	Johnson, IN	11
Evansville, IN	Dubois, IN	cold	Knox, IN	50
Evansville, IN	Dubois, IN	cold	Larue, KY	30
Evansville, IN	Dubois, IN	cold	Lawrence, IL	46
Evansville, IN	Dubois, IN	cold	Lawrence, IN	29
Evansville, IN	Dubois, IN	cold	Livingston, KY	40
Evansville, IN	Dubois, IN	cold	Logan, KY	27
Evansville, IN	Dubois, IN	cold	Lyon, KY	34
Evansville, IN	Dubois, IN	cold	Marion, IL	26
Evansville, IN	Dubois, IN	cold	Marion, IN	8
Evansville, IN	Dubois, IN	cold	Marion, KY	22
Evansville, IN	Dubois, IN	cold	Martin, IN	40
Evansville, IN	Dubois, IN	cold	McLean, KY	70
Evansville, IN	Dubois, IN	cold	Meade, KY	43
Evansville, IN	Dubois, IN	cold	Metcalfe, KY	23
Evansville, IN	Dubois, IN	cold	Monroe, IN	20
Evansville, IN	Dubois, IN	cold	Montgomery, IN	5
Evansville, IN	Dubois, IN	cold	Morgan, IN	13
Evansville, IN	Dubois, IN	cold	Muhlenberg, KY	43
Evansville, IN	Dubois, IN	cold	Nelson, KY	27
Evansville, IN	Dubois, IN	cold	Ohio, KY	55
Evansville, IN	Dubois, IN	cold	Oldham, KY	23
Evansville, IN	Dubois, IN	cold	Orange, IN	39
Evansville, IN	Dubois, IN	cold	Owen, IN	17
Evansville, IN	Dubois, IN	cold	Parke, IN	8
Evansville, IN	Dubois, IN	cold	Perry, IN	59
Evansville, IN	Dubois, IN	cold	Pike, IN	72
Evansville, IN	Dubois, IN	cold	Pope, IL	41
Evansville, IN	Dubois, IN	cold	Posey, IN	89
Evansville, IN	Dubois, IN	cold	Putnam, IN	10
Evansville, IN	Dubois, IN	cold	Richland, IL	42
Evansville, IN	Dubois, IN	cold	Ripley, IN	12
Evansville, IN	Dubois, IN	cold	Saline, IL	46
Evansville, IN	Dubois, IN	cold	Scott, IN	22
Evansville, IN	Dubois, IN	cold	Shelby, IN	10
Evansville, IN	Dubois, IN	cold	Shelby, KY	21
Evansville, IN	Dubois, IN	cold	Spencer, IN	81
Evansville, IN	Dubois, IN	cold	Spencer, KY	24
Evansville, IN	Dubois, IN	cold	Sullivan, IN	25
Evansville, IN	Dubois, IN	cold	Switzerland, IN	15
Evansville, IN	Dubois, IN	cold	Taylor, KY	22
Evansville, IN	Dubois, IN	cold	Todd, KY	27
Evansville, IN	Dubois, IN	cold	Trigg, KY	27
Evansville, IN	Dubois, IN	cold	Trimble, KY	19
Evansville, IN	Dubois, IN	cold	Union, KY	72
Evansville, IN	Dubois, IN	cold	Vanderburgh, IN	100

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Evansville, IN	Dubois, IN	cold	Vermillion, IN	7
Evansville, IN	Dubois, IN	cold	Vigo, IN	14
Evansville, IN	Dubois, IN	cold	Wabash, IL	68
Evansville, IN	Dubois, IN	cold	Warren, KY	30
Evansville, IN	Dubois, IN	cold	Warrick, IN	93
Evansville, IN	Dubois, IN	cold	Washington, IN	29
Evansville, IN	Dubois, IN	cold	Washington, KY	21
Evansville, IN	Dubois, IN	cold	Wayne, IL	45
Evansville, IN	Dubois, IN	cold	Webster, KY	70
Evansville, IN	Dubois, IN	cold	White, IL	68
Evansville, IN	Dubois, IN	warm	Anderson, KY	9
Evansville, IN	Dubois, IN	warm	Barren, KY	8
Evansville, IN	Dubois, IN	warm	Bartholomew, IN	4
Evansville, IN	Dubois, IN	warm	Breckinridge, KY	34
Evansville, IN	Dubois, IN	warm	Brown, IN	5
Evansville, IN	Dubois, IN	warm	Bullitt, KY	19
Evansville, IN	Dubois, IN	warm	Butler, KY	23
Evansville, IN	Dubois, IN	warm	Caldwell, KY	19
Evansville, IN	Dubois, IN	warm	Carroll, KY	5
Evansville, IN	Dubois, IN	warm	Christian, KY	11
Evansville, IN	Dubois, IN	warm	Clark, IL	1
Evansville, IN	Dubois, IN	warm	Clark, IN	16
Evansville, IN	Dubois, IN	warm	Clay, IL	1
Evansville, IN	Dubois, IN	warm	Clay, IN	2
Evansville, IN	Dubois, IN	warm	Coles, IL	0
Evansville, IN	Dubois, IN	warm	Crawford, IL	2
Evansville, IN	Dubois, IN	warm	Crawford, IN	35
Evansville, IN	Dubois, IN	warm	Crittenden, KY	24
Evansville, IN	Dubois, IN	warm	Cumberland, IL	0
Evansville, IN	Dubois, IN	warm	Daviess, IN	19
Evansville, IN	Dubois, IN	warm	Daviess, KY	85
Evansville, IN	Dubois, IN	warm	Decatur, IN	2
Evansville, IN	Dubois, IN	warm	Dubois, IN	49
Evansville, IN	Dubois, IN	warm	Edgar, IL	0
Evansville, IN	Dubois, IN	warm	Edmonson, KY	16
Evansville, IN	Dubois, IN	warm	Edwards, IL	11
Evansville, IN	Dubois, IN	warm	Effingham, IL	0
Evansville, IN	Dubois, IN	warm	Floyd, IN	21
Evansville, IN	Dubois, IN	warm	Fountain, IN	0
Evansville, IN	Dubois, IN	warm	Franklin, IL	4
Evansville, IN	Dubois, IN	warm	Franklin, KY	5
Evansville, IN	Dubois, IN	warm	Gallatin, IL	22
Evansville, IN	Dubois, IN	warm	Gibson, IN	53
Evansville, IN	Dubois, IN	warm	Grayson, KY	26
Evansville, IN	Dubois, IN	warm	Green, KY	11
Evansville, IN	Dubois, IN	warm	Greene, IN	7
Evansville, IN	Dubois, IN	warm	Hamilton, IL	6
Evansville, IN	Dubois, IN	warm	Hancock, KY	59
Evansville, IN	Dubois, IN	warm	Hardin, IL	20

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Evansville, IN	Dubois, IN	warm	Hardin, KY	21
Evansville, IN	Dubois, IN	warm	Harrison, IN	24
Evansville, IN	Dubois, IN	warm	Hart, KY	14
Evansville, IN	Dubois, IN	warm	Henderson, KY	93
Evansville, IN	Dubois, IN	warm	Hendricks, IN	1
Evansville, IN	Dubois, IN	warm	Henry, KY	6
Evansville, IN	Dubois, IN	warm	Hopkins, KY	33
Evansville, IN	Dubois, IN	warm	Jackson, IN	11
Evansville, IN	Dubois, IN	warm	Jasper, IL	1
Evansville, IN	Dubois, IN	warm	Jefferson, IL	2
Evansville, IN	Dubois, IN	warm	Jefferson, IN	8
Evansville, IN	Dubois, IN	warm	Jefferson, KY	17
Evansville, IN	Dubois, IN	warm	Jennings, IN	7
Evansville, IN	Dubois, IN	warm	Johnson, IN	2
Evansville, IN	Dubois, IN	warm	Knox, IN	15
Evansville, IN	Dubois, IN	warm	Larue, KY	17
Evansville, IN	Dubois, IN	warm	Lawrence, IL	6
Evansville, IN	Dubois, IN	warm	Lawrence, IN	16
Evansville, IN	Dubois, IN	warm	Livingston, KY	16
Evansville, IN	Dubois, IN	warm	Logan, KY	11
Evansville, IN	Dubois, IN	warm	Lyon, KY	17
Evansville, IN	Dubois, IN	warm	Marion, IL	1
Evansville, IN	Dubois, IN	warm	Marion, IN	0
Evansville, IN	Dubois, IN	warm	Marion, KY	15
Evansville, IN	Dubois, IN	warm	Martin, IN	23
Evansville, IN	Dubois, IN	warm	McLean, KY	67
Evansville, IN	Dubois, IN	warm	Meade, KY	27
Evansville, IN	Dubois, IN	warm	Metcalfe, KY	7
Evansville, IN	Dubois, IN	warm	Monroe, IN	7
Evansville, IN	Dubois, IN	warm	Montgomery, IN	0
Evansville, IN	Dubois, IN	warm	Morgan, IN	2
Evansville, IN	Dubois, IN	warm	Muhlenberg, KY	26
Evansville, IN	Dubois, IN	warm	Nelson, KY	18
Evansville, IN	Dubois, IN	warm	Ohio, KY	44
Evansville, IN	Dubois, IN	warm	Oldham, KY	12
Evansville, IN	Dubois, IN	warm	Orange, IN	29
Evansville, IN	Dubois, IN	warm	Owen, IN	3
Evansville, IN	Dubois, IN	warm	Parke, IN	1
Evansville, IN	Dubois, IN	warm	Perry, IN	48
Evansville, IN	Dubois, IN	warm	Pike, IN	53
Evansville, IN	Dubois, IN	warm	Pope, IL	11
Evansville, IN	Dubois, IN	warm	Posey, IN	52
Evansville, IN	Dubois, IN	warm	Putnam, IN	1
Evansville, IN	Dubois, IN	warm	Richland, IL	3
Evansville, IN	Dubois, IN	warm	Ripley, IN	4
Evansville, IN	Dubois, IN	warm	Saline, IL	10
Evansville, IN	Dubois, IN	warm	Scott, IN	14
Evansville, IN	Dubois, IN	warm	Shelby, IN	1
Evansville, IN	Dubois, IN	warm	Shelby, KY	9

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Evansville, IN	Dubois, IN	warm	Spencer, IN	87
Evansville, IN	Dubois, IN	warm	Spencer, KY	14
Evansville, IN	Dubois, IN	warm	Sullivan, IN	3
Evansville, IN	Dubois, IN	warm	Switzerland, IN	4
Evansville, IN	Dubois, IN	warm	Taylor, KY	12
Evansville, IN	Dubois, IN	warm	Todd, KY	10
Evansville, IN	Dubois, IN	warm	Trigg, KY	12
Evansville, IN	Dubois, IN	warm	Trimble, KY	8
Evansville, IN	Dubois, IN	warm	Union, KY	43
Evansville, IN	Dubois, IN	warm	Vanderburgh, IN	96
Evansville, IN	Dubois, IN	warm	Vermillion, IN	0
Evansville, IN	Dubois, IN	warm	Vigo, IN	1
Evansville, IN	Dubois, IN	warm	Wabash, IL	18
Evansville, IN	Dubois, IN	warm	Warren, KY	12
Evansville, IN	Dubois, IN	warm	Warrick, IN	100
Evansville, IN	Dubois, IN	warm	Washington, IN	21
Evansville, IN	Dubois, IN	warm	Washington, KY	14
Evansville, IN	Dubois, IN	warm	Wayne, IL	3
Evansville, IN	Dubois, IN	warm	Webster, KY	56
Evansville, IN	Dubois, IN	warm	White, IL	17
Evansville, IN	Vanderburgh, IN	cold	Anderson, KY	18
Evansville, IN	Vanderburgh, IN	cold	Barren, KY	24
Evansville, IN	Vanderburgh, IN	cold	Bartholomew, IN	11
Evansville, IN	Vanderburgh, IN	cold	Breckinridge, KY	53
Evansville, IN	Vanderburgh, IN	cold	Brown, IN	12
Evansville, IN	Vanderburgh, IN	cold	Bullitt, KY	30
Evansville, IN	Vanderburgh, IN	cold	Butler, KY	47
Evansville, IN	Vanderburgh, IN	cold	Caldwell, KY	49
Evansville, IN	Vanderburgh, IN	cold	Carroll, KY	15
Evansville, IN	Vanderburgh, IN	cold	Christian, KY	47
Evansville, IN	Vanderburgh, IN	cold	Clark, IL	10
Evansville, IN	Vanderburgh, IN	cold	Clark, IN	23
Evansville, IN	Vanderburgh, IN	cold	Clay, IL	21
Evansville, IN	Vanderburgh, IN	cold	Clay, IN	9
Evansville, IN	Vanderburgh, IN	cold	Coles, IL	8
Evansville, IN	Vanderburgh, IN	cold	Crawford, IL	20
Evansville, IN	Vanderburgh, IN	cold	Crawford, IN	42
Evansville, IN	Vanderburgh, IN	cold	Crittenden, KY	47
Evansville, IN	Vanderburgh, IN	cold	Cumberland, IL	12
Evansville, IN	Vanderburgh, IN	cold	Daviess, IN	33
Evansville, IN	Vanderburgh, IN	cold	Daviess, KY	92
Evansville, IN	Vanderburgh, IN	cold	Decatur, IN	7
Evansville, IN	Vanderburgh, IN	cold	Dubois, IN	54
Evansville, IN	Vanderburgh, IN	cold	Edgar, IL	6
Evansville, IN	Vanderburgh, IN	cold	Edmonson, KY	36
Evansville, IN	Vanderburgh, IN	cold	Edwards, IL	50
Evansville, IN	Vanderburgh, IN	cold	Effingham, IL	14
Evansville, IN	Vanderburgh, IN	cold	Floyd, IN	29
Evansville, IN	Vanderburgh, IN	cold	Fountain, IN	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Evansville, IN	Vanderburgh, IN	cold	Franklin, IL	15
Evansville, IN	Vanderburgh, IN	cold	Franklin, KY	18
Evansville, IN	Vanderburgh, IN	cold	Gallatin, IL	52
Evansville, IN	Vanderburgh, IN	cold	Gibson, IN	74
Evansville, IN	Vanderburgh, IN	cold	Grayson, KY	46
Evansville, IN	Vanderburgh, IN	cold	Green, KY	22
Evansville, IN	Vanderburgh, IN	cold	Greene, IN	17
Evansville, IN	Vanderburgh, IN	cold	Hamilton, IL	29
Evansville, IN	Vanderburgh, IN	cold	Hancock, KY	73
Evansville, IN	Vanderburgh, IN	cold	Hardin, IL	42
Evansville, IN	Vanderburgh, IN	cold	Hardin, KY	36
Evansville, IN	Vanderburgh, IN	cold	Harrison, IN	35
Evansville, IN	Vanderburgh, IN	cold	Hart, KY	30
Evansville, IN	Vanderburgh, IN	cold	Henderson, KY	100
Evansville, IN	Vanderburgh, IN	cold	Hendricks, IN	5
Evansville, IN	Vanderburgh, IN	cold	Henry, KY	18
Evansville, IN	Vanderburgh, IN	cold	Hopkins, KY	67
Evansville, IN	Vanderburgh, IN	cold	Jackson, IN	18
Evansville, IN	Vanderburgh, IN	cold	Jasper, IL	19
Evansville, IN	Vanderburgh, IN	cold	Jefferson, IL	15
Evansville, IN	Vanderburgh, IN	cold	Jefferson, IN	15
Evansville, IN	Vanderburgh, IN	cold	Jefferson, KY	27
Evansville, IN	Vanderburgh, IN	cold	Jennings, IN	13
Evansville, IN	Vanderburgh, IN	cold	Johnson, IN	7
Evansville, IN	Vanderburgh, IN	cold	Knox, IN	38
Evansville, IN	Vanderburgh, IN	cold	Larue, KY	28
Evansville, IN	Vanderburgh, IN	cold	Lawrence, IL	35
Evansville, IN	Vanderburgh, IN	cold	Lawrence, IN	23
Evansville, IN	Vanderburgh, IN	cold	Livingston, KY	32
Evansville, IN	Vanderburgh, IN	cold	Logan, KY	36
Evansville, IN	Vanderburgh, IN	cold	Lyon, KY	39
Evansville, IN	Vanderburgh, IN	cold	Marion, IL	14
Evansville, IN	Vanderburgh, IN	cold	Marion, IN	4
Evansville, IN	Vanderburgh, IN	cold	Marion, KY	19
Evansville, IN	Vanderburgh, IN	cold	Martin, IN	31
Evansville, IN	Vanderburgh, IN	cold	McLean, KY	88
Evansville, IN	Vanderburgh, IN	cold	Meade, KY	42
Evansville, IN	Vanderburgh, IN	cold	Metcalfe, KY	19
Evansville, IN	Vanderburgh, IN	cold	Monroe, IN	14
Evansville, IN	Vanderburgh, IN	cold	Montgomery, IN	3
Evansville, IN	Vanderburgh, IN	cold	Morgan, IN	8
Evansville, IN	Vanderburgh, IN	cold	Muhlenberg, KY	59
Evansville, IN	Vanderburgh, IN	cold	Nelson, KY	25
Evansville, IN	Vanderburgh, IN	cold	Ohio, KY	68
Evansville, IN	Vanderburgh, IN	cold	Oldham, KY	22
Evansville, IN	Vanderburgh, IN	cold	Orange, IN	33
Evansville, IN	Vanderburgh, IN	cold	Owen, IN	10
Evansville, IN	Vanderburgh, IN	cold	Parke, IN	5
Evansville, IN	Vanderburgh, IN	cold	Perry, IN	58

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Evansville, IN	Vanderburgh, IN	cold	Pike, IN	63
Evansville, IN	Vanderburgh, IN	cold	Pope, IL	25
Evansville, IN	Vanderburgh, IN	cold	Posey, IN	81
Evansville, IN	Vanderburgh, IN	cold	Putnam, IN	5
Evansville, IN	Vanderburgh, IN	cold	Richland, IL	31
Evansville, IN	Vanderburgh, IN	cold	Ripley, IN	8
Evansville, IN	Vanderburgh, IN	cold	Saline, IL	28
Evansville, IN	Vanderburgh, IN	cold	Scott, IN	20
Evansville, IN	Vanderburgh, IN	cold	Shelby, IN	6
Evansville, IN	Vanderburgh, IN	cold	Shelby, KY	20
Evansville, IN	Vanderburgh, IN	cold	Spencer, IN	85
Evansville, IN	Vanderburgh, IN	cold	Spencer, KY	23
Evansville, IN	Vanderburgh, IN	cold	Sullivan, IN	16
Evansville, IN	Vanderburgh, IN	cold	Switzerland, IN	12
Evansville, IN	Vanderburgh, IN	cold	Taylor, KY	19
Evansville, IN	Vanderburgh, IN	cold	Todd, KY	41
Evansville, IN	Vanderburgh, IN	cold	Trigg, KY	42
Evansville, IN	Vanderburgh, IN	cold	Trimble, KY	17
Evansville, IN	Vanderburgh, IN	cold	Union, KY	71
Evansville, IN	Vanderburgh, IN	cold	Vanderburgh, IN	100
Evansville, IN	Vanderburgh, IN	cold	Vermillion, IN	5
Evansville, IN	Vanderburgh, IN	cold	Vigo, IN	8
Evansville, IN	Vanderburgh, IN	cold	Wabash, IL	55
Evansville, IN	Vanderburgh, IN	cold	Warren, KY	32
Evansville, IN	Vanderburgh, IN	cold	Warrick, IN	93
Evansville, IN	Vanderburgh, IN	cold	Washington, IN	26
Evansville, IN	Vanderburgh, IN	cold	Washington, KY	19
Evansville, IN	Vanderburgh, IN	cold	Wayne, IL	30
Evansville, IN	Vanderburgh, IN	cold	Webster, KY	82
Evansville, IN	Vanderburgh, IN	cold	White, IL	53
Evansville, IN	Vanderburgh, IN	warm	Anderson, KY	8
Evansville, IN	Vanderburgh, IN	warm	Barren, KY	10
Evansville, IN	Vanderburgh, IN	warm	Bartholomew, IN	8
Evansville, IN	Vanderburgh, IN	warm	Breckinridge, KY	33
Evansville, IN	Vanderburgh, IN	warm	Brown, IN	8
Evansville, IN	Vanderburgh, IN	warm	Bullitt, KY	17
Evansville, IN	Vanderburgh, IN	warm	Butler, KY	28
Evansville, IN	Vanderburgh, IN	warm	Caldwell, KY	18
Evansville, IN	Vanderburgh, IN	warm	Carroll, KY	7
Evansville, IN	Vanderburgh, IN	warm	Christian, KY	12
Evansville, IN	Vanderburgh, IN	warm	Clark, IL	1
Evansville, IN	Vanderburgh, IN	warm	Clark, IN	17
Evansville, IN	Vanderburgh, IN	warm	Clay, IL	2
Evansville, IN	Vanderburgh, IN	warm	Clay, IN	2
Evansville, IN	Vanderburgh, IN	warm	Coles, IL	0
Evansville, IN	Vanderburgh, IN	warm	Crawford, IL	2
Evansville, IN	Vanderburgh, IN	warm	Crawford, IN	34
Evansville, IN	Vanderburgh, IN	warm	Crittenden, KY	21
Evansville, IN	Vanderburgh, IN	warm	Cumberland, IL	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Evansville, IN	Vanderburgh, IN	warm	Daviess, IN	20
Evansville, IN	Vanderburgh, IN	warm	Daviess, KY	80
Evansville, IN	Vanderburgh, IN	warm	Decatur, IN	7
Evansville, IN	Vanderburgh, IN	warm	Dubois, IN	49
Evansville, IN	Vanderburgh, IN	warm	Edgar, IL	0
Evansville, IN	Vanderburgh, IN	warm	Edmonson, KY	21
Evansville, IN	Vanderburgh, IN	warm	Edwards, IL	16
Evansville, IN	Vanderburgh, IN	warm	Effingham, IL	1
Evansville, IN	Vanderburgh, IN	warm	Floyd, IN	20
Evansville, IN	Vanderburgh, IN	warm	Fountain, IN	0
Evansville, IN	Vanderburgh, IN	warm	Franklin, IL	5
Evansville, IN	Vanderburgh, IN	warm	Franklin, KY	6
Evansville, IN	Vanderburgh, IN	warm	Gallatin, IL	25
Evansville, IN	Vanderburgh, IN	warm	Gibson, IN	55
Evansville, IN	Vanderburgh, IN	warm	Grayson, KY	29
Evansville, IN	Vanderburgh, IN	warm	Green, KY	10
Evansville, IN	Vanderburgh, IN	warm	Greene, IN	8
Evansville, IN	Vanderburgh, IN	warm	Hamilton, IL	10
Evansville, IN	Vanderburgh, IN	warm	Hancock, KY	56
Evansville, IN	Vanderburgh, IN	warm	Hardin, IL	19
Evansville, IN	Vanderburgh, IN	warm	Hardin, KY	20
Evansville, IN	Vanderburgh, IN	warm	Harrison, IN	24
Evansville, IN	Vanderburgh, IN	warm	Hart, KY	15
Evansville, IN	Vanderburgh, IN	warm	Henderson, KY	94
Evansville, IN	Vanderburgh, IN	warm	Hendricks, IN	1
Evansville, IN	Vanderburgh, IN	warm	Henry, KY	7
Evansville, IN	Vanderburgh, IN	warm	Hopkins, KY	31
Evansville, IN	Vanderburgh, IN	warm	Jackson, IN	15
Evansville, IN	Vanderburgh, IN	warm	Jasper, IL	1
Evansville, IN	Vanderburgh, IN	warm	Jefferson, IL	5
Evansville, IN	Vanderburgh, IN	warm	Jefferson, IN	11
Evansville, IN	Vanderburgh, IN	warm	Jefferson, KY	16
Evansville, IN	Vanderburgh, IN	warm	Jennings, IN	11
Evansville, IN	Vanderburgh, IN	warm	Johnson, IN	4
Evansville, IN	Vanderburgh, IN	warm	Knox, IN	16
Evansville, IN	Vanderburgh, IN	warm	Larue, KY	16
Evansville, IN	Vanderburgh, IN	warm	Lawrence, IL	7
Evansville, IN	Vanderburgh, IN	warm	Lawrence, IN	18
Evansville, IN	Vanderburgh, IN	warm	Livingston, KY	13
Evansville, IN	Vanderburgh, IN	warm	Logan, KY	15
Evansville, IN	Vanderburgh, IN	warm	Lyon, KY	15
Evansville, IN	Vanderburgh, IN	warm	Marion, IL	2
Evansville, IN	Vanderburgh, IN	warm	Marion, IN	1
Evansville, IN	Vanderburgh, IN	warm	Marion, KY	13
Evansville, IN	Vanderburgh, IN	warm	Martin, IN	24
Evansville, IN	Vanderburgh, IN	warm	McLean, KY	64
Evansville, IN	Vanderburgh, IN	warm	Meade, KY	25
Evansville, IN	Vanderburgh, IN	warm	Metcalfe, KY	7
Evansville, IN	Vanderburgh, IN	warm	Monroe, IN	8

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Evansville, IN	Vanderburgh, IN	warm	Montgomery, IN	0
Evansville, IN	Vanderburgh, IN	warm	Morgan, IN	3
Evansville, IN	Vanderburgh, IN	warm	Muhlenberg, KY	27
Evansville, IN	Vanderburgh, IN	warm	Nelson, KY	16
Evansville, IN	Vanderburgh, IN	warm	Ohio, KY	44
Evansville, IN	Vanderburgh, IN	warm	Oldham, KY	13
Evansville, IN	Vanderburgh, IN	warm	Orange, IN	30
Evansville, IN	Vanderburgh, IN	warm	Owen, IN	3
Evansville, IN	Vanderburgh, IN	warm	Parke, IN	0
Evansville, IN	Vanderburgh, IN	warm	Perry, IN	46
Evansville, IN	Vanderburgh, IN	warm	Pike, IN	52
Evansville, IN	Vanderburgh, IN	warm	Pope, IL	10
Evansville, IN	Vanderburgh, IN	warm	Posey, IN	59
Evansville, IN	Vanderburgh, IN	warm	Putnam, IN	1
Evansville, IN	Vanderburgh, IN	warm	Richland, IL	4
Evansville, IN	Vanderburgh, IN	warm	Ripley, IN	8
Evansville, IN	Vanderburgh, IN	warm	Saline, IL	11
Evansville, IN	Vanderburgh, IN	warm	Scott, IN	16
Evansville, IN	Vanderburgh, IN	warm	Shelby, IN	4
Evansville, IN	Vanderburgh, IN	warm	Shelby, KY	9
Evansville, IN	Vanderburgh, IN	warm	Spencer, IN	84
Evansville, IN	Vanderburgh, IN	warm	Spencer, KY	13
Evansville, IN	Vanderburgh, IN	warm	Sullivan, IN	3
Evansville, IN	Vanderburgh, IN	warm	Switzerland, IN	6
Evansville, IN	Vanderburgh, IN	warm	Taylor, KY	11
Evansville, IN	Vanderburgh, IN	warm	Todd, KY	12
Evansville, IN	Vanderburgh, IN	warm	Trigg, KY	11
Evansville, IN	Vanderburgh, IN	warm	Trimble, KY	10
Evansville, IN	Vanderburgh, IN	warm	Union, KY	44
Evansville, IN	Vanderburgh, IN	warm	Vanderburgh, IN	100
Evansville, IN	Vanderburgh, IN	warm	Vermillion, IN	0
Evansville, IN	Vanderburgh, IN	warm	Vigo, IN	1
Evansville, IN	Vanderburgh, IN	warm	Wabash, IL	22
Evansville, IN	Vanderburgh, IN	warm	Warren, KY	18
Evansville, IN	Vanderburgh, IN	warm	Warrick, IN	99
Evansville, IN	Vanderburgh, IN	warm	Washington, IN	23
Evansville, IN	Vanderburgh, IN	warm	Washington, KY	12
Evansville, IN	Vanderburgh, IN	warm	Wayne, IL	7
Evansville, IN	Vanderburgh, IN	warm	Webster, KY	54
Evansville, IN	Vanderburgh, IN	warm	White, IL	24
Franklin County, ID	Cache, UT	cold	Ada, ID	1
Franklin County, ID	Cache, UT	cold	Albany, WY	0
Franklin County, ID	Cache, UT	cold	Baker, OR	0
Franklin County, ID	Cache, UT	cold	Bannock, ID	3
Franklin County, ID	Cache, UT	cold	Bear Lake, ID	9
Franklin County, ID	Cache, UT	cold	Beaver, UT	0
Franklin County, ID	Cache, UT	cold	Beaverhead, MT	0
Franklin County, ID	Cache, UT	cold	Big Horn, WY	0
Franklin County, ID	Cache, UT	cold	Bingham, ID	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Franklin County, ID	Cache, UT	cold	Blaine, ID	0
Franklin County, ID	Cache, UT	cold	Boise, ID	0
Franklin County, ID	Cache, UT	cold	Bonneville, ID	1
Franklin County, ID	Cache, UT	cold	Box Elder, UT	19
Franklin County, ID	Cache, UT	cold	Butte, ID	0
Franklin County, ID	Cache, UT	cold	Cache, UT	100
Franklin County, ID	Cache, UT	cold	Camas, ID	0
Franklin County, ID	Cache, UT	cold	Canyon, ID	1
Franklin County, ID	Cache, UT	cold	Carbon, MT	0
Franklin County, ID	Cache, UT	cold	Carbon, UT	1
Franklin County, ID	Cache, UT	cold	Carbon, WY	0
Franklin County, ID	Cache, UT	cold	Caribou, ID	5
Franklin County, ID	Cache, UT	cold	Carson, NV	0
Franklin County, ID	Cache, UT	cold	Cassia, ID	1
Franklin County, ID	Cache, UT	cold	Churchill, NV	0
Franklin County, ID	Cache, UT	cold	Clark, ID	0
Franklin County, ID	Cache, UT	cold	Clark, NV	0
Franklin County, ID	Cache, UT	cold	Converse, WY	0
Franklin County, ID	Cache, UT	cold	Crook, OR	0
Franklin County, ID	Cache, UT	cold	Custer, ID	0
Franklin County, ID	Cache, UT	cold	Daggett, UT	0
Franklin County, ID	Cache, UT	cold	Davis, UT	69
Franklin County, ID	Cache, UT	cold	Deschutes, OR	0
Franklin County, ID	Cache, UT	cold	Duchesne, UT	6
Franklin County, ID	Cache, UT	cold	Elko, NV	0
Franklin County, ID	Cache, UT	cold	Elmore, ID	0
Franklin County, ID	Cache, UT	cold	Emery, UT	0
Franklin County, ID	Cache, UT	cold	Esmeralda, NV	0
Franklin County, ID	Cache, UT	cold	Eureka, NV	0
Franklin County, ID	Cache, UT	cold	Franklin, ID	27
Franklin County, ID	Cache, UT	cold	Fremont, ID	0
Franklin County, ID	Cache, UT	cold	Fremont, WY	0
Franklin County, ID	Cache, UT	cold	Gallatin, MT	0
Franklin County, ID	Cache, UT	cold	Garfield, CO	0
Franklin County, ID	Cache, UT	cold	Gem, ID	0
Franklin County, ID	Cache, UT	cold	Gooding, ID	0
Franklin County, ID	Cache, UT	cold	Grand, UT	0
Franklin County, ID	Cache, UT	cold	Grant, OR	0
Franklin County, ID	Cache, UT	cold	Harney, OR	0
Franklin County, ID	Cache, UT	cold	Hot Springs, WY	0
Franklin County, ID	Cache, UT	cold	Humboldt, NV	0
Franklin County, ID	Cache, UT	cold	Inyo, CA	0
Franklin County, ID	Cache, UT	cold	Iron, UT	0
Franklin County, ID	Cache, UT	cold	Jackson, CO	0
Franklin County, ID	Cache, UT	cold	Jefferson, ID	0
Franklin County, ID	Cache, UT	cold	Jerome, ID	0
Franklin County, ID	Cache, UT	cold	Juab, UT	0
Franklin County, ID	Cache, UT	cold	Lake, OR	0
Franklin County, ID	Cache, UT	cold	Lander, NV	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Franklin County, ID	Cache, UT	cold	Lassen, CA	0
Franklin County, ID	Cache, UT	cold	Lemhi, ID	0
Franklin County, ID	Cache, UT	cold	Lincoln, ID	0
Franklin County, ID	Cache, UT	cold	Lincoln, NV	0
Franklin County, ID	Cache, UT	cold	Lincoln, WY	2
Franklin County, ID	Cache, UT	cold	Lyon, NV	0
Franklin County, ID	Cache, UT	cold	Madison, ID	0
Franklin County, ID	Cache, UT	cold	Madison, MT	0
Franklin County, ID	Cache, UT	cold	Malheur, OR	1
Franklin County, ID	Cache, UT	cold	Millard, UT	0
Franklin County, ID	Cache, UT	cold	Mineral, NV	0
Franklin County, ID	Cache, UT	cold	Minidoka, ID	0
Franklin County, ID	Cache, UT	cold	Modoc, CA	0
Franklin County, ID	Cache, UT	cold	Moffat, CO	0
Franklin County, ID	Cache, UT	cold	Mohave, AZ	0
Franklin County, ID	Cache, UT	cold	Morgan, UT	31
Franklin County, ID	Cache, UT	cold	Natrona, WY	0
Franklin County, ID	Cache, UT	cold	Nevada, CA	0
Franklin County, ID	Cache, UT	cold	Nye, NV	0
Franklin County, ID	Cache, UT	cold	Oneida, ID	4
Franklin County, ID	Cache, UT	cold	Owyhee, ID	1
Franklin County, ID	Cache, UT	cold	Park, MT	0
Franklin County, ID	Cache, UT	cold	Park, WY	0
Franklin County, ID	Cache, UT	cold	Payette, ID	0
Franklin County, ID	Cache, UT	cold	Pershing, NV	0
Franklin County, ID	Cache, UT	cold	Placer, CA	0
Franklin County, ID	Cache, UT	cold	Power, ID	0
Franklin County, ID	Cache, UT	cold	Rich, UT	24
Franklin County, ID	Cache, UT	cold	Rio Blanco, CO	0
Franklin County, ID	Cache, UT	cold	Routt, CO	0
Franklin County, ID	Cache, UT	cold	Salt Lake, UT	18
Franklin County, ID	Cache, UT	cold	Sanpete, UT	0
Franklin County, ID	Cache, UT	cold	Sevier, UT	0
Franklin County, ID	Cache, UT	cold	Sierra, CA	0
Franklin County, ID	Cache, UT	cold	Storey, NV	0
Franklin County, ID	Cache, UT	cold	Sublette, WY	0
Franklin County, ID	Cache, UT	cold	Summit, UT	8
Franklin County, ID	Cache, UT	cold	Sweetwater, WY	1
Franklin County, ID	Cache, UT	cold	Teton, ID	0
Franklin County, ID	Cache, UT	cold	Teton, WY	0
Franklin County, ID	Cache, UT	cold	Tooele, UT	4
Franklin County, ID	Cache, UT	cold	Twin Falls, ID	1
Franklin County, ID	Cache, UT	cold	Uinta, WY	6
Franklin County, ID	Cache, UT	cold	Uintah, UT	1
Franklin County, ID	Cache, UT	cold	Utah, UT	3
Franklin County, ID	Cache, UT	cold	Valley, ID	0
Franklin County, ID	Cache, UT	cold	Wasatch, UT	1
Franklin County, ID	Cache, UT	cold	Washakie, WY	0
Franklin County, ID	Cache, UT	cold	Washington, ID	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Franklin County, ID	Cache, UT	cold	Washington, UT	0
Franklin County, ID	Cache, UT	cold	Washoe, NV	0
Franklin County, ID	Cache, UT	cold	Weber, UT	93
Franklin County, ID	Cache, UT	cold	White Pine, NV	0
Franklin County, ID	Franklin, ID	cold	Ada, ID	0
Franklin County, ID	Franklin, ID	cold	Albany, WY	0
Franklin County, ID	Franklin, ID	cold	Baker, OR	0
Franklin County, ID	Franklin, ID	cold	Bannock, ID	13
Franklin County, ID	Franklin, ID	cold	Bear Lake, ID	18
Franklin County, ID	Franklin, ID	cold	Beaver, UT	0
Franklin County, ID	Franklin, ID	cold	Beaverhead, MT	0
Franklin County, ID	Franklin, ID	cold	Big Horn, WY	0
Franklin County, ID	Franklin, ID	cold	Bingham, ID	1
Franklin County, ID	Franklin, ID	cold	Blaine, ID	0
Franklin County, ID	Franklin, ID	cold	Boise, ID	0
Franklin County, ID	Franklin, ID	cold	Bonneville, ID	4
Franklin County, ID	Franklin, ID	cold	Box Elder, UT	15
Franklin County, ID	Franklin, ID	cold	Butte, ID	0
Franklin County, ID	Franklin, ID	cold	Cache, UT	100
Franklin County, ID	Franklin, ID	cold	Camas, ID	0
Franklin County, ID	Franklin, ID	cold	Canyon, ID	0
Franklin County, ID	Franklin, ID	cold	Carbon, MT	0
Franklin County, ID	Franklin, ID	cold	Carbon, UT	0
Franklin County, ID	Franklin, ID	cold	Carbon, WY	0
Franklin County, ID	Franklin, ID	cold	Caribou, ID	11
Franklin County, ID	Franklin, ID	cold	Carson, NV	0
Franklin County, ID	Franklin, ID	cold	Cassia, ID	1
Franklin County, ID	Franklin, ID	cold	Churchill, NV	0
Franklin County, ID	Franklin, ID	cold	Clark, ID	0
Franklin County, ID	Franklin, ID	cold	Clark, NV	0
Franklin County, ID	Franklin, ID	cold	Converse, WY	0
Franklin County, ID	Franklin, ID	cold	Crook, OR	0
Franklin County, ID	Franklin, ID	cold	Custer, ID	0
Franklin County, ID	Franklin, ID	cold	Daggett, UT	0
Franklin County, ID	Franklin, ID	cold	Davis, UT	61
Franklin County, ID	Franklin, ID	cold	Deschutes, OR	0
Franklin County, ID	Franklin, ID	cold	Duchesne, UT	16
Franklin County, ID	Franklin, ID	cold	Elko, NV	0
Franklin County, ID	Franklin, ID	cold	Elmore, ID	0
Franklin County, ID	Franklin, ID	cold	Emery, UT	0
Franklin County, ID	Franklin, ID	cold	Esmeralda, NV	0
Franklin County, ID	Franklin, ID	cold	Eureka, NV	0
Franklin County, ID	Franklin, ID	cold	Franklin, ID	84
Franklin County, ID	Franklin, ID	cold	Fremont, ID	0
Franklin County, ID	Franklin, ID	cold	Fremont, WY	0
Franklin County, ID	Franklin, ID	cold	Gallatin, MT	0
Franklin County, ID	Franklin, ID	cold	Garfield, CO	0
Franklin County, ID	Franklin, ID	cold	Gem, ID	0
Franklin County, ID	Franklin, ID	cold	Gooding, ID	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Franklin County, ID	Franklin, ID	cold	Grand, UT	0
Franklin County, ID	Franklin, ID	cold	Grant, OR	0
Franklin County, ID	Franklin, ID	cold	Harney, OR	0
Franklin County, ID	Franklin, ID	cold	Hot Springs, WY	0
Franklin County, ID	Franklin, ID	cold	Humboldt, NV	0
Franklin County, ID	Franklin, ID	cold	Inyo, CA	0
Franklin County, ID	Franklin, ID	cold	Iron, UT	0
Franklin County, ID	Franklin, ID	cold	Jackson, CO	0
Franklin County, ID	Franklin, ID	cold	Jefferson, ID	0
Franklin County, ID	Franklin, ID	cold	Jerome, ID	1
Franklin County, ID	Franklin, ID	cold	Juab, UT	0
Franklin County, ID	Franklin, ID	cold	Lake, OR	0
Franklin County, ID	Franklin, ID	cold	Lander, NV	0
Franklin County, ID	Franklin, ID	cold	Lassen, CA	0
Franklin County, ID	Franklin, ID	cold	Lemhi, ID	0
Franklin County, ID	Franklin, ID	cold	Lincoln, ID	0
Franklin County, ID	Franklin, ID	cold	Lincoln, NV	0
Franklin County, ID	Franklin, ID	cold	Lincoln, WY	3
Franklin County, ID	Franklin, ID	cold	Lyon, NV	0
Franklin County, ID	Franklin, ID	cold	Madison, ID	3
Franklin County, ID	Franklin, ID	cold	Madison, MT	0
Franklin County, ID	Franklin, ID	cold	Malheur, OR	0
Franklin County, ID	Franklin, ID	cold	Millard, UT	0
Franklin County, ID	Franklin, ID	cold	Mineral, NV	0
Franklin County, ID	Franklin, ID	cold	Minidoka, ID	0
Franklin County, ID	Franklin, ID	cold	Modoc, CA	0
Franklin County, ID	Franklin, ID	cold	Moffat, CO	0
Franklin County, ID	Franklin, ID	cold	Mohave, AZ	0
Franklin County, ID	Franklin, ID	cold	Morgan, UT	26
Franklin County, ID	Franklin, ID	cold	Natrona, WY	0
Franklin County, ID	Franklin, ID	cold	Nevada, CA	0
Franklin County, ID	Franklin, ID	cold	Nye, NV	0
Franklin County, ID	Franklin, ID	cold	Oneida, ID	10
Franklin County, ID	Franklin, ID	cold	Owyhee, ID	0
Franklin County, ID	Franklin, ID	cold	Park, MT	0
Franklin County, ID	Franklin, ID	cold	Park, WY	0
Franklin County, ID	Franklin, ID	cold	Payette, ID	0
Franklin County, ID	Franklin, ID	cold	Pershing, NV	0
Franklin County, ID	Franklin, ID	cold	Placer, CA	0
Franklin County, ID	Franklin, ID	cold	Power, ID	1
Franklin County, ID	Franklin, ID	cold	Rich, UT	24
Franklin County, ID	Franklin, ID	cold	Rio Blanco, CO	0
Franklin County, ID	Franklin, ID	cold	Routt, CO	0
Franklin County, ID	Franklin, ID	cold	Salt Lake, UT	11
Franklin County, ID	Franklin, ID	cold	Sanpete, UT	0
Franklin County, ID	Franklin, ID	cold	Sevier, UT	0
Franklin County, ID	Franklin, ID	cold	Sierra, CA	0
Franklin County, ID	Franklin, ID	cold	Storey, NV	0
Franklin County, ID	Franklin, ID	cold	Sublette, WY	2

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Franklin County, ID	Franklin, ID	cold	Summit, UT	11
Franklin County, ID	Franklin, ID	cold	Sweetwater, WY	2
Franklin County, ID	Franklin, ID	cold	Teton, ID	1
Franklin County, ID	Franklin, ID	cold	Teton, WY	0
Franklin County, ID	Franklin, ID	cold	Tooele, UT	2
Franklin County, ID	Franklin, ID	cold	Twin Falls, ID	1
Franklin County, ID	Franklin, ID	cold	Uinta, WY	8
Franklin County, ID	Franklin, ID	cold	Uintah, UT	1
Franklin County, ID	Franklin, ID	cold	Utah, UT	0
Franklin County, ID	Franklin, ID	cold	Valley, ID	0
Franklin County, ID	Franklin, ID	cold	Wasatch, UT	2
Franklin County, ID	Franklin, ID	cold	Washakie, WY	0
Franklin County, ID	Franklin, ID	cold	Washington, ID	0
Franklin County, ID	Franklin, ID	cold	Washington, UT	0
Franklin County, ID	Franklin, ID	cold	Washoe, NV	0
Franklin County, ID	Franklin, ID	cold	Weber, UT	74
Franklin County, ID	Franklin, ID	cold	White Pine, NV	0
Gadsden, AL	Etowah, AL	cold	Autauga, AL	24
Gadsden, AL	Etowah, AL	cold	Bartow, GA	20
Gadsden, AL	Etowah, AL	cold	Bedford, TN	8
Gadsden, AL	Etowah, AL	cold	Bibb, AL	41
Gadsden, AL	Etowah, AL	cold	Bledsoe, TN	7
Gadsden, AL	Etowah, AL	cold	Blount, AL	80
Gadsden, AL	Etowah, AL	cold	Bradley, TN	11
Gadsden, AL	Etowah, AL	cold	Calhoun, AL	92
Gadsden, AL	Etowah, AL	cold	Cannon, TN	6
Gadsden, AL	Etowah, AL	cold	Carroll, GA	32
Gadsden, AL	Etowah, AL	cold	Catoosa, GA	14
Gadsden, AL	Etowah, AL	cold	Chambers, AL	30
Gadsden, AL	Etowah, AL	cold	Chattooga, GA	30
Gadsden, AL	Etowah, AL	cold	Cherokee, AL	64
Gadsden, AL	Etowah, AL	cold	Cherokee, GA	12
Gadsden, AL	Etowah, AL	cold	Chickasaw, MS	6
Gadsden, AL	Etowah, AL	cold	Chilton, AL	34
Gadsden, AL	Etowah, AL	cold	Clay, AL	56
Gadsden, AL	Etowah, AL	cold	Clay, MS	7
Gadsden, AL	Etowah, AL	cold	Clayton, GA	17
Gadsden, AL	Etowah, AL	cold	Cleburne, AL	62
Gadsden, AL	Etowah, AL	cold	Cobb, GA	17
Gadsden, AL	Etowah, AL	cold	Coffee, TN	8
Gadsden, AL	Etowah, AL	cold	Colbert, AL	5
Gadsden, AL	Etowah, AL	cold	Coosa, AL	38
Gadsden, AL	Etowah, AL	cold	Coweta, GA	23
Gadsden, AL	Etowah, AL	cold	Cullman, AL	44
Gadsden, AL	Etowah, AL	cold	Cumberland, TN	6
Gadsden, AL	Etowah, AL	cold	Dade, GA	17
Gadsden, AL	Etowah, AL	cold	Dallas, AL	20
Gadsden, AL	Etowah, AL	cold	Dawson, GA	8
Gadsden, AL	Etowah, AL	cold	DeKalb, AL	51

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Gadsden, AL	Etowah, AL	cold	DeKalb, GA	14
Gadsden, AL	Etowah, AL	cold	Douglas, GA	22
Gadsden, AL	Etowah, AL	cold	Elmore, AL	23
Gadsden, AL	Etowah, AL	cold	Etowah, AL	99
Gadsden, AL	Etowah, AL	cold	Fannin, GA	7
Gadsden, AL	Etowah, AL	cold	Fayette, AL	23
Gadsden, AL	Etowah, AL	cold	Fayette, GA	19
Gadsden, AL	Etowah, AL	cold	Floyd, GA	34
Gadsden, AL	Etowah, AL	cold	Forsyth, GA	10
Gadsden, AL	Etowah, AL	cold	Franklin, AL	7
Gadsden, AL	Etowah, AL	cold	Franklin, TN	13
Gadsden, AL	Etowah, AL	cold	Fulton, GA	16
Gadsden, AL	Etowah, AL	cold	Giles, TN	7
Gadsden, AL	Etowah, AL	cold	Gilmer, GA	8
Gadsden, AL	Etowah, AL	cold	Gordon, GA	16
Gadsden, AL	Etowah, AL	cold	Greene, AL	22
Gadsden, AL	Etowah, AL	cold	Grundy, TN	8
Gadsden, AL	Etowah, AL	cold	Gwinnett, GA	12
Gadsden, AL	Etowah, AL	cold	Hale, AL	29
Gadsden, AL	Etowah, AL	cold	Hamilton, TN	11
Gadsden, AL	Etowah, AL	cold	Haralson, GA	40
Gadsden, AL	Etowah, AL	cold	Hardin, TN	3
Gadsden, AL	Etowah, AL	cold	Harris, GA	21
Gadsden, AL	Etowah, AL	cold	Heard, GA	32
Gadsden, AL	Etowah, AL	cold	Itawamba, MS	6
Gadsden, AL	Etowah, AL	cold	Jackson, AL	27
Gadsden, AL	Etowah, AL	cold	Jefferson, AL	64
Gadsden, AL	Etowah, AL	cold	Lamar, AL	13
Gadsden, AL	Etowah, AL	cold	Lauderdale, AL	5
Gadsden, AL	Etowah, AL	cold	Lawrence, AL	13
Gadsden, AL	Etowah, AL	cold	Lawrence, TN	4
Gadsden, AL	Etowah, AL	cold	Lee, AL	22
Gadsden, AL	Etowah, AL	cold	Lee, MS	5
Gadsden, AL	Etowah, AL	cold	Limestone, AL	13
Gadsden, AL	Etowah, AL	cold	Lincoln, TN	12
Gadsden, AL	Etowah, AL	cold	Lowndes, AL	16
Gadsden, AL	Etowah, AL	cold	Lowndes, MS	10
Gadsden, AL	Etowah, AL	cold	Macon, AL	18
Gadsden, AL	Etowah, AL	cold	Madison, AL	24
Gadsden, AL	Etowah, AL	cold	Marengo, AL	14
Gadsden, AL	Etowah, AL	cold	Marion, AL	11
Gadsden, AL	Etowah, AL	cold	Marion, TN	12
Gadsden, AL	Etowah, AL	cold	Marshall, AL	61
Gadsden, AL	Etowah, AL	cold	Marshall, TN	7
Gadsden, AL	Etowah, AL	cold	Maury, TN	5
Gadsden, AL	Etowah, AL	cold	McMinn, TN	9
Gadsden, AL	Etowah, AL	cold	Meigs, TN	9
Gadsden, AL	Etowah, AL	cold	Meriwether, GA	21
Gadsden, AL	Etowah, AL	cold	Monroe, MS	8

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Gadsden, AL	Etowah, AL	cold	Montgomery, AL	16
Gadsden, AL	Etowah, AL	cold	Moore, TN	11
Gadsden, AL	Etowah, AL	cold	Morgan, AL	29
Gadsden, AL	Etowah, AL	cold	Murray, GA	11
Gadsden, AL	Etowah, AL	cold	Noxubee, MS	8
Gadsden, AL	Etowah, AL	cold	Paulding, GA	23
Gadsden, AL	Etowah, AL	cold	Perry, AL	28
Gadsden, AL	Etowah, AL	cold	Pickens, AL	19
Gadsden, AL	Etowah, AL	cold	Pickens, GA	10
Gadsden, AL	Etowah, AL	cold	Polk, GA	39
Gadsden, AL	Etowah, AL	cold	Polk, TN	8
Gadsden, AL	Etowah, AL	cold	Prentiss, MS	4
Gadsden, AL	Etowah, AL	cold	Randolph, AL	43
Gadsden, AL	Etowah, AL	cold	Rhea, TN	8
Gadsden, AL	Etowah, AL	cold	Roane, TN	7
Gadsden, AL	Etowah, AL	cold	Rutherford, TN	7
Gadsden, AL	Etowah, AL	cold	Sequatchie, TN	8
Gadsden, AL	Etowah, AL	cold	Shelby, AL	60
Gadsden, AL	Etowah, AL	cold	Spalding, GA	18
Gadsden, AL	Etowah, AL	cold	St. Clair, AL	100
Gadsden, AL	Etowah, AL	cold	Sumter, AL	13
Gadsden, AL	Etowah, AL	cold	Talladega, AL	75
Gadsden, AL	Etowah, AL	cold	Tallapoosa, AL	31
Gadsden, AL	Etowah, AL	cold	Tishomingo, MS	4
Gadsden, AL	Etowah, AL	cold	Troup, GA	26
Gadsden, AL	Etowah, AL	cold	Tuscaloosa, AL	38
Gadsden, AL	Etowah, AL	cold	Van Buren, TN	6
Gadsden, AL	Etowah, AL	cold	Walker, AL	38
Gadsden, AL	Etowah, AL	cold	Walker, GA	19
Gadsden, AL	Etowah, AL	cold	Warren, TN	6
Gadsden, AL	Etowah, AL	cold	Wayne, TN	3
Gadsden, AL	Etowah, AL	cold	Whitfield, GA	14
Gadsden, AL	Etowah, AL	cold	Wilcox, AL	13
Gadsden, AL	Etowah, AL	cold	Williamson, TN	5
Gadsden, AL	Etowah, AL	cold	Winston, AL	20
Gadsden, AL	Etowah, AL	warm	Autauga, AL	2
Gadsden, AL	Etowah, AL	warm	Bartow, GA	40
Gadsden, AL	Etowah, AL	warm	Bedford, TN	6
Gadsden, AL	Etowah, AL	warm	Bibb, AL	9
Gadsden, AL	Etowah, AL	warm	Bledsoe, TN	16
Gadsden, AL	Etowah, AL	warm	Blount, AL	55
Gadsden, AL	Etowah, AL	warm	Bradley, TN	16
Gadsden, AL	Etowah, AL	warm	Calhoun, AL	79
Gadsden, AL	Etowah, AL	warm	Cannon, TN	6
Gadsden, AL	Etowah, AL	warm	Carroll, GA	34
Gadsden, AL	Etowah, AL	warm	Catoosa, GA	23
Gadsden, AL	Etowah, AL	warm	Chambers, AL	3
Gadsden, AL	Etowah, AL	warm	Chattooga, GA	51
Gadsden, AL	Etowah, AL	warm	Cherokee, AL	89

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Gadsden, AL	Etowah, AL	warm	Cherokee, GA	25
Gadsden, AL	Etowah, AL	warm	Chickasaw, MS	10
Gadsden, AL	Etowah, AL	warm	Chilton, AL	4
Gadsden, AL	Etowah, AL	warm	Clay, AL	16
Gadsden, AL	Etowah, AL	warm	Clay, MS	13
Gadsden, AL	Etowah, AL	warm	Clayton, GA	22
Gadsden, AL	Etowah, AL	warm	Cleburne, AL	57
Gadsden, AL	Etowah, AL	warm	Cobb, GA	33
Gadsden, AL	Etowah, AL	warm	Coffee, TN	9
Gadsden, AL	Etowah, AL	warm	Colbert, AL	12
Gadsden, AL	Etowah, AL	warm	Coosa, AL	4
Gadsden, AL	Etowah, AL	warm	Coweta, GA	16
Gadsden, AL	Etowah, AL	warm	Cullman, AL	34
Gadsden, AL	Etowah, AL	warm	Cumberland, TN	12
Gadsden, AL	Etowah, AL	warm	Dade, GA	29
Gadsden, AL	Etowah, AL	warm	Dallas, AL	3
Gadsden, AL	Etowah, AL	warm	Dawson, GA	13
Gadsden, AL	Etowah, AL	warm	DeKalb, AL	66
Gadsden, AL	Etowah, AL	warm	DeKalb, GA	25
Gadsden, AL	Etowah, AL	warm	Douglas, GA	33
Gadsden, AL	Etowah, AL	warm	Elmore, AL	2
Gadsden, AL	Etowah, AL	warm	Etowah, AL	100
Gadsden, AL	Etowah, AL	warm	Fannin, GA	8
Gadsden, AL	Etowah, AL	warm	Fayette, AL	20
Gadsden, AL	Etowah, AL	warm	Fayette, GA	18
Gadsden, AL	Etowah, AL	warm	Floyd, GA	60
Gadsden, AL	Etowah, AL	warm	Forsyth, GA	18
Gadsden, AL	Etowah, AL	warm	Franklin, AL	15
Gadsden, AL	Etowah, AL	warm	Franklin, TN	15
Gadsden, AL	Etowah, AL	warm	Fulton, GA	27
Gadsden, AL	Etowah, AL	warm	Giles, TN	7
Gadsden, AL	Etowah, AL	warm	Gilmer, GA	12
Gadsden, AL	Etowah, AL	warm	Gordon, GA	30
Gadsden, AL	Etowah, AL	warm	Greene, AL	13
Gadsden, AL	Etowah, AL	warm	Grundy, TN	14
Gadsden, AL	Etowah, AL	warm	Gwinnett, GA	22
Gadsden, AL	Etowah, AL	warm	Hale, AL	10
Gadsden, AL	Etowah, AL	warm	Hamilton, TN	20
Gadsden, AL	Etowah, AL	warm	Haralson, GA	56
Gadsden, AL	Etowah, AL	warm	Hardin, TN	5
Gadsden, AL	Etowah, AL	warm	Harris, GA	1
Gadsden, AL	Etowah, AL	warm	Heard, GA	15
Gadsden, AL	Etowah, AL	warm	Itawamba, MS	14
Gadsden, AL	Etowah, AL	warm	Jackson, AL	34
Gadsden, AL	Etowah, AL	warm	Jefferson, AL	24
Gadsden, AL	Etowah, AL	warm	Lamar, AL	17
Gadsden, AL	Etowah, AL	warm	Lauderdale, AL	9
Gadsden, AL	Etowah, AL	warm	Lawrence, AL	16
Gadsden, AL	Etowah, AL	warm	Lawrence, TN	6

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Gadsden, AL	Etowah, AL	warm	Lee, AL	1
Gadsden, AL	Etowah, AL	warm	Lee, MS	11
Gadsden, AL	Etowah, AL	warm	Limestone, AL	15
Gadsden, AL	Etowah, AL	warm	Lincoln, TN	11
Gadsden, AL	Etowah, AL	warm	Lowndes, AL	2
Gadsden, AL	Etowah, AL	warm	Lowndes, MS	15
Gadsden, AL	Etowah, AL	warm	Macon, AL	1
Gadsden, AL	Etowah, AL	warm	Madison, AL	25
Gadsden, AL	Etowah, AL	warm	Marengo, AL	6
Gadsden, AL	Etowah, AL	warm	Marion, AL	17
Gadsden, AL	Etowah, AL	warm	Marion, TN	20
Gadsden, AL	Etowah, AL	warm	Marshall, AL	63
Gadsden, AL	Etowah, AL	warm	Marshall, TN	5
Gadsden, AL	Etowah, AL	warm	Maury, TN	3
Gadsden, AL	Etowah, AL	warm	McMinn, TN	12
Gadsden, AL	Etowah, AL	warm	Meigs, TN	15
Gadsden, AL	Etowah, AL	warm	Meriwether, GA	6
Gadsden, AL	Etowah, AL	warm	Monroe, MS	15
Gadsden, AL	Etowah, AL	warm	Montgomery, AL	1
Gadsden, AL	Etowah, AL	warm	Moore, TN	10
Gadsden, AL	Etowah, AL	warm	Morgan, AL	29
Gadsden, AL	Etowah, AL	warm	Murray, GA	17
Gadsden, AL	Etowah, AL	warm	Noxubee, MS	11
Gadsden, AL	Etowah, AL	warm	Paulding, GA	43
Gadsden, AL	Etowah, AL	warm	Perry, AL	6
Gadsden, AL	Etowah, AL	warm	Pickens, AL	17
Gadsden, AL	Etowah, AL	warm	Pickens, GA	18
Gadsden, AL	Etowah, AL	warm	Polk, GA	65
Gadsden, AL	Etowah, AL	warm	Polk, TN	10
Gadsden, AL	Etowah, AL	warm	Prentiss, MS	9
Gadsden, AL	Etowah, AL	warm	Randolph, AL	17
Gadsden, AL	Etowah, AL	warm	Rhea, TN	15
Gadsden, AL	Etowah, AL	warm	Roane, TN	11
Gadsden, AL	Etowah, AL	warm	Rutherford, TN	4
Gadsden, AL	Etowah, AL	warm	Sequatchie, TN	17
Gadsden, AL	Etowah, AL	warm	Shelby, AL	14
Gadsden, AL	Etowah, AL	warm	Spalding, GA	11
Gadsden, AL	Etowah, AL	warm	St. Clair, AL	57
Gadsden, AL	Etowah, AL	warm	Sumter, AL	9
Gadsden, AL	Etowah, AL	warm	Talladega, AL	27
Gadsden, AL	Etowah, AL	warm	Tallapoosa, AL	3
Gadsden, AL	Etowah, AL	warm	Tishomingo, MS	10
Gadsden, AL	Etowah, AL	warm	Troup, GA	5
Gadsden, AL	Etowah, AL	warm	Tuscaloosa, AL	18
Gadsden, AL	Etowah, AL	warm	Van Buren, TN	13
Gadsden, AL	Etowah, AL	warm	Walker, AL	23
Gadsden, AL	Etowah, AL	warm	Walker, GA	32
Gadsden, AL	Etowah, AL	warm	Warren, TN	10
Gadsden, AL	Etowah, AL	warm	Wayne, TN	5

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Gadsden, AL	Etowah, AL	warm	Whitfield, GA	22
Gadsden, AL	Etowah, AL	warm	Wilcox, AL	3
Gadsden, AL	Etowah, AL	warm	Williamson, TN	2
Gadsden, AL	Etowah, AL	warm	Winston, AL	20
Grand Rapids, MI	Kent, MI	cold	Alcona, MI	0
Grand Rapids, MI	Kent, MI	cold	Allegan, MI	100
Grand Rapids, MI	Kent, MI	cold	Antrim, MI	0
Grand Rapids, MI	Kent, MI	cold	Arenac, MI	0
Grand Rapids, MI	Kent, MI	cold	Barry, MI	63
Grand Rapids, MI	Kent, MI	cold	Bay, MI	1
Grand Rapids, MI	Kent, MI	cold	Benzie, MI	1
Grand Rapids, MI	Kent, MI	cold	Berrien, MI	58
Grand Rapids, MI	Kent, MI	cold	Branch, MI	23
Grand Rapids, MI	Kent, MI	cold	Calhoun, MI	27
Grand Rapids, MI	Kent, MI	cold	Cass, MI	57
Grand Rapids, MI	Kent, MI	cold	Clare, MI	2
Grand Rapids, MI	Kent, MI	cold	Clinton, MI	14
Grand Rapids, MI	Kent, MI	cold	Crawford, MI	0
Grand Rapids, MI	Kent, MI	cold	Defiance, OH	8
Grand Rapids, MI	Kent, MI	cold	DeKalb, IN	16
Grand Rapids, MI	Kent, MI	cold	Eaton, MI	25
Grand Rapids, MI	Kent, MI	cold	Elkhart, IN	40
Grand Rapids, MI	Kent, MI	cold	Fulton, OH	4
Grand Rapids, MI	Kent, MI	cold	Genesee, MI	2
Grand Rapids, MI	Kent, MI	cold	Gladwin, MI	1
Grand Rapids, MI	Kent, MI	cold	Grand Traverse, MI	0
Grand Rapids, MI	Kent, MI	cold	Gratiot, MI	10
Grand Rapids, MI	Kent, MI	cold	Henry, OH	4
Grand Rapids, MI	Kent, MI	cold	Hillsdale, MI	9
Grand Rapids, MI	Kent, MI	cold	Huron, MI	0
Grand Rapids, MI	Kent, MI	cold	Ingham, MI	9
Grand Rapids, MI	Kent, MI	cold	Ionia, MI	44
Grand Rapids, MI	Kent, MI	cold	Iosco, MI	0
Grand Rapids, MI	Kent, MI	cold	Isabella, MI	8
Grand Rapids, MI	Kent, MI	cold	Jackson, MI	8
Grand Rapids, MI	Kent, MI	cold	Jasper, IN	34
Grand Rapids, MI	Kent, MI	cold	Kalamazoo, MI	62
Grand Rapids, MI	Kent, MI	cold	Kalkaska, MI	0
Grand Rapids, MI	Kent, MI	cold	Kent, MI	79
Grand Rapids, MI	Kent, MI	cold	Kosciusko, IN	29
Grand Rapids, MI	Kent, MI	cold	Lagrange, IN	30
Grand Rapids, MI	Kent, MI	cold	Lake, MI	9
Grand Rapids, MI	Kent, MI	cold	Lapeer, MI	1
Grand Rapids, MI	Kent, MI	cold	LaPorte, IN	41
Grand Rapids, MI	Kent, MI	cold	Leelanau, MI	0
Grand Rapids, MI	Kent, MI	cold	Lenawee, MI	4
Grand Rapids, MI	Kent, MI	cold	Livingston, MI	4
Grand Rapids, MI	Kent, MI	cold	Lucas, OH	3
Grand Rapids, MI	Kent, MI	cold	Manistee, MI	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Grand Rapids, MI	Kent, MI	cold	Marshall, IN	36
Grand Rapids, MI	Kent, MI	cold	Mason, MI	9
Grand Rapids, MI	Kent, MI	cold	Mecosta, MI	19
Grand Rapids, MI	Kent, MI	cold	Midland, MI	3
Grand Rapids, MI	Kent, MI	cold	Missaukee, MI	1
Grand Rapids, MI	Kent, MI	cold	Monroe, MI	3
Grand Rapids, MI	Kent, MI	cold	Montcalm, MI	32
Grand Rapids, MI	Kent, MI	cold	Montmorency, MI	0
Grand Rapids, MI	Kent, MI	cold	Muskegon, MI	63
Grand Rapids, MI	Kent, MI	cold	Newaygo, MI	36
Grand Rapids, MI	Kent, MI	cold	Noble, IN	24
Grand Rapids, MI	Kent, MI	cold	Oakland, MI	2
Grand Rapids, MI	Kent, MI	cold	Oceana, MI	26
Grand Rapids, MI	Kent, MI	cold	Ogemaw, MI	0
Grand Rapids, MI	Kent, MI	cold	Osceola, MI	6
Grand Rapids, MI	Kent, MI	cold	Oscoda, MI	0
Grand Rapids, MI	Kent, MI	cold	Otsego, MI	0
Grand Rapids, MI	Kent, MI	cold	Ottawa, MI	99
Grand Rapids, MI	Kent, MI	cold	Porter, IN	37
Grand Rapids, MI	Kent, MI	cold	Roscommon, MI	0
Grand Rapids, MI	Kent, MI	cold	Saginaw, MI	3
Grand Rapids, MI	Kent, MI	cold	Sanilac, MI	0
Grand Rapids, MI	Kent, MI	cold	Shiawassee, MI	5
Grand Rapids, MI	Kent, MI	cold	St. Joseph, IN	45
Grand Rapids, MI	Kent, MI	cold	St. Joseph, MI	43
Grand Rapids, MI	Kent, MI	cold	Starke, IN	37
Grand Rapids, MI	Kent, MI	cold	Steuben, IN	17
Grand Rapids, MI	Kent, MI	cold	Tuscola, MI	1
Grand Rapids, MI	Kent, MI	cold	Van Buren, MI	81
Grand Rapids, MI	Kent, MI	cold	Washtenaw, MI	4
Grand Rapids, MI	Kent, MI	cold	Wayne, MI	3
Grand Rapids, MI	Kent, MI	cold	Wexford, MI	2
Grand Rapids, MI	Kent, MI	cold	Williams, OH	9
Grand Rapids, MI	Kent, MI	warm	Alcona, MI	1
Grand Rapids, MI	Kent, MI	warm	Allegan, MI	100
Grand Rapids, MI	Kent, MI	warm	Antrim, MI	0
Grand Rapids, MI	Kent, MI	warm	Arenac, MI	0
Grand Rapids, MI	Kent, MI	warm	Barry, MI	62
Grand Rapids, MI	Kent, MI	warm	Bay, MI	1
Grand Rapids, MI	Kent, MI	warm	Benzie, MI	0
Grand Rapids, MI	Kent, MI	warm	Berrien, MI	61
Grand Rapids, MI	Kent, MI	warm	Branch, MI	43
Grand Rapids, MI	Kent, MI	warm	Calhoun, MI	38
Grand Rapids, MI	Kent, MI	warm	Cass, MI	65
Grand Rapids, MI	Kent, MI	warm	Clare, MI	0
Grand Rapids, MI	Kent, MI	warm	Clinton, MI	12
Grand Rapids, MI	Kent, MI	warm	Crawford, MI	0
Grand Rapids, MI	Kent, MI	warm	Defiance, OH	33
Grand Rapids, MI	Kent, MI	warm	DeKalb, IN	47

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Grand Rapids, MI	Kent, MI	warm	Eaton, MI	27
Grand Rapids, MI	Kent, MI	warm	Elkhart, IN	57
Grand Rapids, MI	Kent, MI	warm	Fulton, OH	23
Grand Rapids, MI	Kent, MI	warm	Genesee, MI	7
Grand Rapids, MI	Kent, MI	warm	Gladwin, MI	0
Grand Rapids, MI	Kent, MI	warm	Grand Traverse, MI	0
Grand Rapids, MI	Kent, MI	warm	Gratiot, MI	5
Grand Rapids, MI	Kent, MI	warm	Henry, OH	24
Grand Rapids, MI	Kent, MI	warm	Hillsdale, MI	28
Grand Rapids, MI	Kent, MI	warm	Huron, MI	3
Grand Rapids, MI	Kent, MI	warm	Ingham, MI	15
Grand Rapids, MI	Kent, MI	warm	Ionia, MI	33
Grand Rapids, MI	Kent, MI	warm	Iosco, MI	1
Grand Rapids, MI	Kent, MI	warm	Isabella, MI	2
Grand Rapids, MI	Kent, MI	warm	Jackson, MI	20
Grand Rapids, MI	Kent, MI	warm	Jasper, IN	33
Grand Rapids, MI	Kent, MI	warm	Kalamazoo, MI	68
Grand Rapids, MI	Kent, MI	warm	Kalkaska, MI	0
Grand Rapids, MI	Kent, MI	warm	Kent, MI	63
Grand Rapids, MI	Kent, MI	warm	Kosciusko, IN	51
Grand Rapids, MI	Kent, MI	warm	Lagrange, IN	54
Grand Rapids, MI	Kent, MI	warm	Lake, MI	1
Grand Rapids, MI	Kent, MI	warm	Lapeer, MI	10
Grand Rapids, MI	Kent, MI	warm	LaPorte, IN	43
Grand Rapids, MI	Kent, MI	warm	Leelanau, MI	0
Grand Rapids, MI	Kent, MI	warm	Lenawee, MI	19
Grand Rapids, MI	Kent, MI	warm	Livingston, MI	13
Grand Rapids, MI	Kent, MI	warm	Lucas, OH	16
Grand Rapids, MI	Kent, MI	warm	Manistee, MI	0
Grand Rapids, MI	Kent, MI	warm	Marshall, IN	47
Grand Rapids, MI	Kent, MI	warm	Mason, MI	1
Grand Rapids, MI	Kent, MI	warm	Mecosta, MI	5
Grand Rapids, MI	Kent, MI	warm	Midland, MI	1
Grand Rapids, MI	Kent, MI	warm	Missaukee, MI	0
Grand Rapids, MI	Kent, MI	warm	Monroe, MI	15
Grand Rapids, MI	Kent, MI	warm	Montcalm, MI	15
Grand Rapids, MI	Kent, MI	warm	Montmorency, MI	0
Grand Rapids, MI	Kent, MI	warm	Muskegon, MI	41
Grand Rapids, MI	Kent, MI	warm	Newaygo, MI	16
Grand Rapids, MI	Kent, MI	warm	Noble, IN	53
Grand Rapids, MI	Kent, MI	warm	Oakland, MI	17
Grand Rapids, MI	Kent, MI	warm	Oceana, MI	9
Grand Rapids, MI	Kent, MI	warm	Ogemaw, MI	0
Grand Rapids, MI	Kent, MI	warm	Osceola, MI	1
Grand Rapids, MI	Kent, MI	warm	Oscoda, MI	0
Grand Rapids, MI	Kent, MI	warm	Otsego, MI	0
Grand Rapids, MI	Kent, MI	warm	Ottawa, MI	88
Grand Rapids, MI	Kent, MI	warm	Porter, IN	36
Grand Rapids, MI	Kent, MI	warm	Roscommon, MI	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Grand Rapids, MI	Kent, MI	warm	Saginaw, MI	3
Grand Rapids, MI	Kent, MI	warm	Sanilac, MI	6
Grand Rapids, MI	Kent, MI	warm	Shiawassee, MI	7
Grand Rapids, MI	Kent, MI	warm	St. Joseph, IN	53
Grand Rapids, MI	Kent, MI	warm	St. Joseph, MI	58
Grand Rapids, MI	Kent, MI	warm	Starke, IN	42
Grand Rapids, MI	Kent, MI	warm	Steuben, IN	44
Grand Rapids, MI	Kent, MI	warm	Tuscola, MI	3
Grand Rapids, MI	Kent, MI	warm	Van Buren, MI	84
Grand Rapids, MI	Kent, MI	warm	Washtenaw, MI	17
Grand Rapids, MI	Kent, MI	warm	Wayne, MI	19
Grand Rapids, MI	Kent, MI	warm	Wexford, MI	0
Grand Rapids, MI	Kent, MI	warm	Williams, OH	34
Green Bay, WI	Brown, WI	cold	Adams, WI	19
Green Bay, WI	Brown, WI	cold	Alger, MI	5
Green Bay, WI	Brown, WI	cold	Ashland, WI	3
Green Bay, WI	Brown, WI	cold	Baraga, MI	6
Green Bay, WI	Brown, WI	cold	Barron, WI	3
Green Bay, WI	Brown, WI	cold	Brown, WI	100
Green Bay, WI	Brown, WI	cold	Buffalo, WI	5
Green Bay, WI	Brown, WI	cold	Calumet, WI	97
Green Bay, WI	Brown, WI	cold	Chippewa, WI	4
Green Bay, WI	Brown, WI	cold	Clark, WI	4
Green Bay, WI	Brown, WI	cold	Columbia, WI	38
Green Bay, WI	Brown, WI	cold	Dane, WI	35
Green Bay, WI	Brown, WI	cold	Delta, MI	8
Green Bay, WI	Brown, WI	cold	Dickinson, MI	14
Green Bay, WI	Brown, WI	cold	Dodge, WI	56
Green Bay, WI	Brown, WI	cold	Door, WI	42
Green Bay, WI	Brown, WI	cold	Dunn, WI	4
Green Bay, WI	Brown, WI	cold	Eau Claire, WI	4
Green Bay, WI	Brown, WI	cold	Florence, WI	15
Green Bay, WI	Brown, WI	cold	Fond du Lac, WI	74
Green Bay, WI	Brown, WI	cold	Forest, WI	15
Green Bay, WI	Brown, WI	cold	Gogebic, MI	4
Green Bay, WI	Brown, WI	cold	Green Lake, WI	50
Green Bay, WI	Brown, WI	cold	Green, WI	30
Green Bay, WI	Brown, WI	cold	Houghton, MI	5
Green Bay, WI	Brown, WI	cold	Iowa, WI	22
Green Bay, WI	Brown, WI	cold	Iron, MI	9
Green Bay, WI	Brown, WI	cold	Iron, WI	3
Green Bay, WI	Brown, WI	cold	Jackson, WI	6
Green Bay, WI	Brown, WI	cold	Jefferson, WI	44
Green Bay, WI	Brown, WI	cold	Juneau, WI	13
Green Bay, WI	Brown, WI	cold	Kewaunee, WI	75
Green Bay, WI	Brown, WI	cold	Keweenaw, MI	3
Green Bay, WI	Brown, WI	cold	La Crosse, WI	6
Green Bay, WI	Brown, WI	cold	Langlade, WI	17
Green Bay, WI	Brown, WI	cold	Lincoln, WI	5

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Green Bay, WI	Brown, WI	cold	Manitowoc, WI	84
Green Bay, WI	Brown, WI	cold	Marathon, WI	9
Green Bay, WI	Brown, WI	cold	Marinette, WI	41
Green Bay, WI	Brown, WI	cold	Marquette, MI	7
Green Bay, WI	Brown, WI	cold	Marquette, WI	34
Green Bay, WI	Brown, WI	cold	Menominee, MI	26
Green Bay, WI	Brown, WI	cold	Menomonie, WI	42
Green Bay, WI	Brown, WI	cold	Milwaukee, WI	39
Green Bay, WI	Brown, WI	cold	Monroe, WI	8
Green Bay, WI	Brown, WI	cold	Oconto, WI	65
Green Bay, WI	Brown, WI	cold	Oneida, WI	5
Green Bay, WI	Brown, WI	cold	Ontonagon, MI	4
Green Bay, WI	Brown, WI	cold	Outagamie, WI	87
Green Bay, WI	Brown, WI	cold	Ozaukee, WI	52
Green Bay, WI	Brown, WI	cold	Pepin, WI	4
Green Bay, WI	Brown, WI	cold	Portage, WI	19
Green Bay, WI	Brown, WI	cold	Price, WI	3
Green Bay, WI	Brown, WI	cold	Racine, WI	34
Green Bay, WI	Brown, WI	cold	Richland, WI	14
Green Bay, WI	Brown, WI	cold	Rock, WI	35
Green Bay, WI	Brown, WI	cold	Rusk, WI	3
Green Bay, WI	Brown, WI	cold	Sauk, WI	22
Green Bay, WI	Brown, WI	cold	Sawyer, WI	3
Green Bay, WI	Brown, WI	cold	Schoolcraft, MI	4
Green Bay, WI	Brown, WI	cold	Shawano, WI	51
Green Bay, WI	Brown, WI	cold	Sheboygan, WI	72
Green Bay, WI	Brown, WI	cold	Taylor, WI	3
Green Bay, WI	Brown, WI	cold	Trempealeau, WI	5
Green Bay, WI	Brown, WI	cold	Vernon, WI	8
Green Bay, WI	Brown, WI	cold	Vilas, WI	5
Green Bay, WI	Brown, WI	cold	Walworth, WI	36
Green Bay, WI	Brown, WI	cold	Washburn, WI	3
Green Bay, WI	Brown, WI	cold	Washington, WI	59
Green Bay, WI	Brown, WI	cold	Waukesha, WI	45
Green Bay, WI	Brown, WI	cold	Waupaca, WI	47
Green Bay, WI	Brown, WI	cold	Waushara, WI	38
Green Bay, WI	Brown, WI	cold	Winnebago, WI	77
Green Bay, WI	Brown, WI	cold	Wood, WI	9
Green Bay, WI	Brown, WI	warm	Adams, WI	18
Green Bay, WI	Brown, WI	warm	Alger, MI	5
Green Bay, WI	Brown, WI	warm	Ashland, WI	1
Green Bay, WI	Brown, WI	warm	Baraga, MI	3
Green Bay, WI	Brown, WI	warm	Barron, WI	1
Green Bay, WI	Brown, WI	warm	Brown, WI	99
Green Bay, WI	Brown, WI	warm	Buffalo, WI	3
Green Bay, WI	Brown, WI	warm	Calumet, WI	100
Green Bay, WI	Brown, WI	warm	Chippewa, WI	3
Green Bay, WI	Brown, WI	warm	Clark, WI	5
Green Bay, WI	Brown, WI	warm	Columbia, WI	35

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Green Bay, WI	Brown, WI	warm	Dane, WI	32
Green Bay, WI	Brown, WI	warm	Delta, MI	9
Green Bay, WI	Brown, WI	warm	Dickinson, MI	7
Green Bay, WI	Brown, WI	warm	Dodge, WI	58
Green Bay, WI	Brown, WI	warm	Door, WI	47
Green Bay, WI	Brown, WI	warm	Dunn, WI	2
Green Bay, WI	Brown, WI	warm	Eau Claire, WI	4
Green Bay, WI	Brown, WI	warm	Florence, WI	6
Green Bay, WI	Brown, WI	warm	Fond du Lac, WI	77
Green Bay, WI	Brown, WI	warm	Forest, WI	7
Green Bay, WI	Brown, WI	warm	Gogebic, MI	2
Green Bay, WI	Brown, WI	warm	Green Lake, WI	49
Green Bay, WI	Brown, WI	warm	Green, WI	28
Green Bay, WI	Brown, WI	warm	Houghton, MI	2
Green Bay, WI	Brown, WI	warm	Iowa, WI	16
Green Bay, WI	Brown, WI	warm	Iron, MI	3
Green Bay, WI	Brown, WI	warm	Iron, WI	2
Green Bay, WI	Brown, WI	warm	Jackson, WI	5
Green Bay, WI	Brown, WI	warm	Jefferson, WI	47
Green Bay, WI	Brown, WI	warm	Juneau, WI	12
Green Bay, WI	Brown, WI	warm	Kewaunee, WI	83
Green Bay, WI	Brown, WI	warm	Keweenaw, MI	2
Green Bay, WI	Brown, WI	warm	La Crosse, WI	5
Green Bay, WI	Brown, WI	warm	Langlade, WI	11
Green Bay, WI	Brown, WI	warm	Lincoln, WI	4
Green Bay, WI	Brown, WI	warm	Manitowoc, WI	97
Green Bay, WI	Brown, WI	warm	Marathon, WI	8
Green Bay, WI	Brown, WI	warm	Marinette, WI	27
Green Bay, WI	Brown, WI	warm	Marquette, MI	5
Green Bay, WI	Brown, WI	warm	Marquette, WI	32
Green Bay, WI	Brown, WI	warm	Menominee, MI	19
Green Bay, WI	Brown, WI	warm	Menomonie, WI	31
Green Bay, WI	Brown, WI	warm	Milwaukee, WI	54
Green Bay, WI	Brown, WI	warm	Monroe, WI	7
Green Bay, WI	Brown, WI	warm	Oconto, WI	50
Green Bay, WI	Brown, WI	warm	Oneida, WI	3
Green Bay, WI	Brown, WI	warm	Ontonagon, MI	2
Green Bay, WI	Brown, WI	warm	Outagamie, WI	83
Green Bay, WI	Brown, WI	warm	Ozaukee, WI	68
Green Bay, WI	Brown, WI	warm	Pepin, WI	3
Green Bay, WI	Brown, WI	warm	Portage, WI	19
Green Bay, WI	Brown, WI	warm	Price, WI	3
Green Bay, WI	Brown, WI	warm	Racine, WI	47
Green Bay, WI	Brown, WI	warm	Richland, WI	10
Green Bay, WI	Brown, WI	warm	Rock, WI	39
Green Bay, WI	Brown, WI	warm	Rusk, WI	2
Green Bay, WI	Brown, WI	warm	Sauk, WI	17
Green Bay, WI	Brown, WI	warm	Sawyer, WI	2
Green Bay, WI	Brown, WI	warm	Schoolcraft, MI	4

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Green Bay, WI	Brown, WI	warm	Shawano, WI	44
Green Bay, WI	Brown, WI	warm	Sheboygan, WI	86
Green Bay, WI	Brown, WI	warm	Taylor, WI	4
Green Bay, WI	Brown, WI	warm	Trempealeau, WI	4
Green Bay, WI	Brown, WI	warm	Vernon, WI	7
Green Bay, WI	Brown, WI	warm	Vilas, WI	2
Green Bay, WI	Brown, WI	warm	Walworth, WI	45
Green Bay, WI	Brown, WI	warm	Washburn, WI	1
Green Bay, WI	Brown, WI	warm	Washington, WI	68
Green Bay, WI	Brown, WI	warm	Waukesha, WI	54
Green Bay, WI	Brown, WI	warm	Waupaca, WI	45
Green Bay, WI	Brown, WI	warm	Waushara, WI	38
Green Bay, WI	Brown, WI	warm	Winnebago, WI	77
Green Bay, WI	Brown, WI	warm	Wood, WI	9
Hamilton, MT	Ravalli, MT	cold	Ada, ID	23
Hamilton, MT	Ravalli, MT	cold	Adams, ID	36
Hamilton, MT	Ravalli, MT	cold	Adams, WA	0
Hamilton, MT	Ravalli, MT	cold	Asotin, WA	0
Hamilton, MT	Ravalli, MT	cold	Baker, OR	4
Hamilton, MT	Ravalli, MT	cold	Bannock, ID	0
Hamilton, MT	Ravalli, MT	cold	Bear Lake, ID	0
Hamilton, MT	Ravalli, MT	cold	Beaverhead, MT	19
Hamilton, MT	Ravalli, MT	cold	Benewah, ID	2
Hamilton, MT	Ravalli, MT	cold	Benton, WA	0
Hamilton, MT	Ravalli, MT	cold	Big Horn, WY	0
Hamilton, MT	Ravalli, MT	cold	Bingham, ID	0
Hamilton, MT	Ravalli, MT	cold	Blaine, ID	2
Hamilton, MT	Ravalli, MT	cold	Blaine, MT	0
Hamilton, MT	Ravalli, MT	cold	Boise, ID	55
Hamilton, MT	Ravalli, MT	cold	Bonner, ID	1
Hamilton, MT	Ravalli, MT	cold	Bonneville, ID	0
Hamilton, MT	Ravalli, MT	cold	Boundary, ID	0
Hamilton, MT	Ravalli, MT	cold	Box Elder, UT	1
Hamilton, MT	Ravalli, MT	cold	Broadwater, MT	2
Hamilton, MT	Ravalli, MT	cold	Butte, ID	1
Hamilton, MT	Ravalli, MT	cold	Camas, ID	7
Hamilton, MT	Ravalli, MT	cold	Canyon, ID	19
Hamilton, MT	Ravalli, MT	cold	Carbon, MT	0
Hamilton, MT	Ravalli, MT	cold	Carbon, WY	0
Hamilton, MT	Ravalli, MT	cold	Caribou, ID	0
Hamilton, MT	Ravalli, MT	cold	Cascade, MT	0
Hamilton, MT	Ravalli, MT	cold	Cassia, ID	3
Hamilton, MT	Ravalli, MT	cold	Chouteau, MT	0
Hamilton, MT	Ravalli, MT	cold	Clark, ID	1
Hamilton, MT	Ravalli, MT	cold	Clearwater, ID	8
Hamilton, MT	Ravalli, MT	cold	Columbia, WA	0
Hamilton, MT	Ravalli, MT	cold	Crook, OR	0
Hamilton, MT	Ravalli, MT	cold	Custer, ID	7
Hamilton, MT	Ravalli, MT	cold	Deer Lodge, MT	22

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Hamilton, MT	Ravalli, MT	cold	Elko, NV	0
Hamilton, MT	Ravalli, MT	cold	Elmore, ID	16
Hamilton, MT	Ravalli, MT	cold	Fergus, MT	0
Hamilton, MT	Ravalli, MT	cold	Ferry, WA	0
Hamilton, MT	Ravalli, MT	cold	Flathead, MT	0
Hamilton, MT	Ravalli, MT	cold	Franklin, ID	0
Hamilton, MT	Ravalli, MT	cold	Franklin, WA	0
Hamilton, MT	Ravalli, MT	cold	Fremont, ID	0
Hamilton, MT	Ravalli, MT	cold	Fremont, WY	0
Hamilton, MT	Ravalli, MT	cold	Gallatin, MT	2
Hamilton, MT	Ravalli, MT	cold	Garfield, WA	0
Hamilton, MT	Ravalli, MT	cold	Gem, ID	61
Hamilton, MT	Ravalli, MT	cold	Gilliam, OR	0
Hamilton, MT	Ravalli, MT	cold	Glacier, MT	0
Hamilton, MT	Ravalli, MT	cold	Gooding, ID	9
Hamilton, MT	Ravalli, MT	cold	Granite, MT	33
Hamilton, MT	Ravalli, MT	cold	Grant, OR	0
Hamilton, MT	Ravalli, MT	cold	Grant, WA	0
Hamilton, MT	Ravalli, MT	cold	Harney, OR	0
Hamilton, MT	Ravalli, MT	cold	Hill, MT	0
Hamilton, MT	Ravalli, MT	cold	Hot Springs, WY	0
Hamilton, MT	Ravalli, MT	cold	Humboldt, NV	0
Hamilton, MT	Ravalli, MT	cold	Idaho, ID	39
Hamilton, MT	Ravalli, MT	cold	Jefferson, ID	0
Hamilton, MT	Ravalli, MT	cold	Jefferson, MT	4
Hamilton, MT	Ravalli, MT	cold	Jerome, ID	11
Hamilton, MT	Ravalli, MT	cold	Judith Basin, MT	0
Hamilton, MT	Ravalli, MT	cold	Klickitat, WA	0
Hamilton, MT	Ravalli, MT	cold	Kootenai, ID	1
Hamilton, MT	Ravalli, MT	cold	Lake, MT	0
Hamilton, MT	Ravalli, MT	cold	Latah, ID	3
Hamilton, MT	Ravalli, MT	cold	Lemhi, ID	22
Hamilton, MT	Ravalli, MT	cold	Lewis and Clark, MT	0
Hamilton, MT	Ravalli, MT	cold	Lewis, ID	4
Hamilton, MT	Ravalli, MT	cold	Liberty, MT	0
Hamilton, MT	Ravalli, MT	cold	Lincoln, ID	6
Hamilton, MT	Ravalli, MT	cold	Lincoln, MT	0
Hamilton, MT	Ravalli, MT	cold	Lincoln, WA	0
Hamilton, MT	Ravalli, MT	cold	Lincoln, WY	0
Hamilton, MT	Ravalli, MT	cold	Madison, ID	0
Hamilton, MT	Ravalli, MT	cold	Madison, MT	4
Hamilton, MT	Ravalli, MT	cold	Malheur, OR	1
Hamilton, MT	Ravalli, MT	cold	Meagher, MT	1
Hamilton, MT	Ravalli, MT	cold	Mineral, MT	1
Hamilton, MT	Ravalli, MT	cold	Minidoka, ID	2
Hamilton, MT	Ravalli, MT	cold	Missoula, MT	4
Hamilton, MT	Ravalli, MT	cold	Morrow, OR	0
Hamilton, MT	Ravalli, MT	cold	Natrona, WY	0
Hamilton, MT	Ravalli, MT	cold	Nez Perce, ID	2

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Hamilton, MT	Ravalli, MT	cold	Okanogan, WA	0
Hamilton, MT	Ravalli, MT	cold	Oneida, ID	0
Hamilton, MT	Ravalli, MT	cold	Owyhee, ID	3
Hamilton, MT	Ravalli, MT	cold	Park, MT	1
Hamilton, MT	Ravalli, MT	cold	Park, WY	0
Hamilton, MT	Ravalli, MT	cold	Payette, ID	33
Hamilton, MT	Ravalli, MT	cold	Pend Oreille, WA	1
Hamilton, MT	Ravalli, MT	cold	Pondera, MT	0
Hamilton, MT	Ravalli, MT	cold	Powell, MT	1
Hamilton, MT	Ravalli, MT	cold	Power, ID	0
Hamilton, MT	Ravalli, MT	cold	Ravalli, MT	100
Hamilton, MT	Ravalli, MT	cold	Rich, UT	0
Hamilton, MT	Ravalli, MT	cold	Sanders, MT	0
Hamilton, MT	Ravalli, MT	cold	Shoshone, ID	3
Hamilton, MT	Ravalli, MT	cold	Silver Bow, MT	10
Hamilton, MT	Ravalli, MT	cold	Spokane, WA	0
Hamilton, MT	Ravalli, MT	cold	Stevens, WA	0
Hamilton, MT	Ravalli, MT	cold	Stillwater, MT	2
Hamilton, MT	Ravalli, MT	cold	Sublette, WY	0
Hamilton, MT	Ravalli, MT	cold	Sweet Grass, MT	2
Hamilton, MT	Ravalli, MT	cold	Sweetwater, WY	0
Hamilton, MT	Ravalli, MT	cold	Teton, ID	0
Hamilton, MT	Ravalli, MT	cold	Teton, MT	0
Hamilton, MT	Ravalli, MT	cold	Teton, WY	0
Hamilton, MT	Ravalli, MT	cold	Toole, MT	0
Hamilton, MT	Ravalli, MT	cold	Twin Falls, ID	5
Hamilton, MT	Ravalli, MT	cold	Uinta, WY	0
Hamilton, MT	Ravalli, MT	cold	Umatilla, OR	0
Hamilton, MT	Ravalli, MT	cold	Union, OR	1
Hamilton, MT	Ravalli, MT	cold	Valley, ID	37
Hamilton, MT	Ravalli, MT	cold	Walla Walla, WA	0
Hamilton, MT	Ravalli, MT	cold	Wallowa, OR	5
Hamilton, MT	Ravalli, MT	cold	Washakie, WY	0
Hamilton, MT	Ravalli, MT	cold	Washington, ID	31
Hamilton, MT	Ravalli, MT	cold	Wheatland, MT	1
Hamilton, MT	Ravalli, MT	cold	Wheeler, OR	0
Hamilton, MT	Ravalli, MT	cold	Whitman, WA	0
Hamilton, MT	Ravalli, MT	cold	Yakima, WA	0
Harrisburg, PA	Cumberland, PA	cold	Adams, PA	92
Harrisburg, PA	Cumberland, PA	cold	Alexandria (City), VA	28
Harrisburg, PA	Cumberland, PA	cold	Allegany, MD	14
Harrisburg, PA	Cumberland, PA	cold	Allegany, NY	0
Harrisburg, PA	Cumberland, PA	cold	Anne Arundel, MD	35
Harrisburg, PA	Cumberland, PA	cold	Arlington, VA	30
Harrisburg, PA	Cumberland, PA	cold	Baltimore (City), MD	45
Harrisburg, PA	Cumberland, PA	cold	Baltimore, MD	51
Harrisburg, PA	Cumberland, PA	cold	Bedford, PA	22
Harrisburg, PA	Cumberland, PA	cold	Berkeley, WV	38
Harrisburg, PA	Cumberland, PA	cold	Berks, PA	32

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Harrisburg, PA	Cumberland, PA	cold	Blair, PA	20
Harrisburg, PA	Cumberland, PA	cold	Bradford, PA	3
Harrisburg, PA	Cumberland, PA	cold	Bucks, PA	14
Harrisburg, PA	Cumberland, PA	cold	Burlington, NJ	6
Harrisburg, PA	Cumberland, PA	cold	Calvert, MD	22
Harrisburg, PA	Cumberland, PA	cold	Cambria, PA	13
Harrisburg, PA	Cumberland, PA	cold	Cameron, PA	2
Harrisburg, PA	Cumberland, PA	cold	Carbon, PA	16
Harrisburg, PA	Cumberland, PA	cold	Carroll, MD	65
Harrisburg, PA	Cumberland, PA	cold	Cecil, MD	28
Harrisburg, PA	Cumberland, PA	cold	Centre, PA	14
Harrisburg, PA	Cumberland, PA	cold	Charles, MD	18
Harrisburg, PA	Cumberland, PA	cold	Chemung, NY	1
Harrisburg, PA	Cumberland, PA	cold	Chester, PA	23
Harrisburg, PA	Cumberland, PA	cold	Clarke, VA	30
Harrisburg, PA	Cumberland, PA	cold	Clearfield, PA	6
Harrisburg, PA	Cumberland, PA	cold	Clinton, PA	5
Harrisburg, PA	Cumberland, PA	cold	Columbia, PA	10
Harrisburg, PA	Cumberland, PA	cold	Culpeper, VA	12
Harrisburg, PA	Cumberland, PA	cold	Cumberland, PA	100
Harrisburg, PA	Cumberland, PA	cold	Dauphin, PA	73
Harrisburg, PA	Cumberland, PA	cold	Delaware, PA	14
Harrisburg, PA	Cumberland, PA	cold	District of Columbia, DC	32
Harrisburg, PA	Cumberland, PA	cold	Elk, PA	2
Harrisburg, PA	Cumberland, PA	cold	Fairfax (City), VA	28
Harrisburg, PA	Cumberland, PA	cold	Fairfax, VA	28
Harrisburg, PA	Cumberland, PA	cold	Fauquier, VA	19
Harrisburg, PA	Cumberland, PA	cold	Fayette, PA	10
Harrisburg, PA	Cumberland, PA	cold	Franklin, PA	65
Harrisburg, PA	Cumberland, PA	cold	Frederick, MD	58
Harrisburg, PA	Cumberland, PA	cold	Frederick, VA	22
Harrisburg, PA	Cumberland, PA	cold	Fulton, PA	40
Harrisburg, PA	Cumberland, PA	cold	Garrett, MD	6
Harrisburg, PA	Cumberland, PA	cold	Gloucester, NJ	9
Harrisburg, PA	Cumberland, PA	cold	Grant, WV	3
Harrisburg, PA	Cumberland, PA	cold	Hampshire, WV	13
Harrisburg, PA	Cumberland, PA	cold	Hardy, WV	5
Harrisburg, PA	Cumberland, PA	cold	Harford, MD	43
Harrisburg, PA	Cumberland, PA	cold	Howard, MD	46
Harrisburg, PA	Cumberland, PA	cold	Hunterdon, NJ	13
Harrisburg, PA	Cumberland, PA	cold	Huntingdon, PA	36
Harrisburg, PA	Cumberland, PA	cold	Indiana, PA	8
Harrisburg, PA	Cumberland, PA	cold	Jefferson, PA	3
Harrisburg, PA	Cumberland, PA	cold	Jefferson, WV	41
Harrisburg, PA	Cumberland, PA	cold	Juniata, PA	55
Harrisburg, PA	Cumberland, PA	cold	Kent, DE	18
Harrisburg, PA	Cumberland, PA	cold	Kent, MD	30
Harrisburg, PA	Cumberland, PA	cold	Lackawanna, PA	8
Harrisburg, PA	Cumberland, PA	cold	Lancaster, PA	52

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Harrisburg, PA	Cumberland, PA	cold	Lebanon, PA	59
Harrisburg, PA	Cumberland, PA	cold	Lehigh, PA	23
Harrisburg, PA	Cumberland, PA	cold	Loudoun, VA	36
Harrisburg, PA	Cumberland, PA	cold	Luzerne, PA	9
Harrisburg, PA	Cumberland, PA	cold	Lycoming, PA	4
Harrisburg, PA	Cumberland, PA	cold	McKean, PA	0
Harrisburg, PA	Cumberland, PA	cold	Mercer, NJ	9
Harrisburg, PA	Cumberland, PA	cold	Mifflin, PA	39
Harrisburg, PA	Cumberland, PA	cold	Mineral, WV	7
Harrisburg, PA	Cumberland, PA	cold	Monroe, PA	13
Harrisburg, PA	Cumberland, PA	cold	Montgomery, MD	41
Harrisburg, PA	Cumberland, PA	cold	Montgomery, PA	17
Harrisburg, PA	Cumberland, PA	cold	Montour, PA	10
Harrisburg, PA	Cumberland, PA	cold	Morgan, WV	29
Harrisburg, PA	Cumberland, PA	cold	New Castle, DE	18
Harrisburg, PA	Cumberland, PA	cold	Northampton, PA	18
Harrisburg, PA	Cumberland, PA	cold	Northumberland, PA	22
Harrisburg, PA	Cumberland, PA	cold	Perry, PA	80
Harrisburg, PA	Cumberland, PA	cold	Philadelphia, PA	11
Harrisburg, PA	Cumberland, PA	cold	Pike, PA	9
Harrisburg, PA	Cumberland, PA	cold	Potter, PA	0
Harrisburg, PA	Cumberland, PA	cold	Preston, WV	6
Harrisburg, PA	Cumberland, PA	cold	Prince George's, MD	29
Harrisburg, PA	Cumberland, PA	cold	Prince William, VA	21
Harrisburg, PA	Cumberland, PA	cold	Queen Anne's, MD	28
Harrisburg, PA	Cumberland, PA	cold	Rappahannock, VA	12
Harrisburg, PA	Cumberland, PA	cold	Salem, NJ	12
Harrisburg, PA	Cumberland, PA	cold	Schuylkill, PA	26
Harrisburg, PA	Cumberland, PA	cold	Shenandoah, VA	7
Harrisburg, PA	Cumberland, PA	cold	Snyder, PA	29
Harrisburg, PA	Cumberland, PA	cold	Somerset, PA	12
Harrisburg, PA	Cumberland, PA	cold	Stafford, VA	15
Harrisburg, PA	Cumberland, PA	cold	Steuben, NY	0
Harrisburg, PA	Cumberland, PA	cold	Sullivan, PA	4
Harrisburg, PA	Cumberland, PA	cold	Susquehanna, PA	7
Harrisburg, PA	Cumberland, PA	cold	Sussex, NJ	9
Harrisburg, PA	Cumberland, PA	cold	Tioga, NY	3
Harrisburg, PA	Cumberland, PA	cold	Tioga, PA	1
Harrisburg, PA	Cumberland, PA	cold	Union, PA	14
Harrisburg, PA	Cumberland, PA	cold	Warren, NJ	14
Harrisburg, PA	Cumberland, PA	cold	Warren, VA	16
Harrisburg, PA	Cumberland, PA	cold	Washington, MD	51
Harrisburg, PA	Cumberland, PA	cold	Wayne, PA	8
Harrisburg, PA	Cumberland, PA	cold	Westmoreland, PA	10
Harrisburg, PA	Cumberland, PA	cold	Wyoming, PA	6
Harrisburg, PA	Cumberland, PA	cold	York, PA	84
Harrisburg, PA	Cumberland, PA	warm	Adams, PA	100
Harrisburg, PA	Cumberland, PA	warm	Alexandria (City), VA	46
Harrisburg, PA	Cumberland, PA	warm	Allegany, MD	47

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Harrisburg, PA	Cumberland, PA	warm	Allegany, NY	4
Harrisburg, PA	Cumberland, PA	warm	Anne Arundel, MD	39
Harrisburg, PA	Cumberland, PA	warm	Arlington, VA	49
Harrisburg, PA	Cumberland, PA	warm	Baltimore (City), MD	49
Harrisburg, PA	Cumberland, PA	warm	Baltimore, MD	57
Harrisburg, PA	Cumberland, PA	warm	Bedford, PA	58
Harrisburg, PA	Cumberland, PA	warm	Berkeley, WV	67
Harrisburg, PA	Cumberland, PA	warm	Berks, PA	21
Harrisburg, PA	Cumberland, PA	warm	Blair, PA	47
Harrisburg, PA	Cumberland, PA	warm	Bradford, PA	4
Harrisburg, PA	Cumberland, PA	warm	Bucks, PA	8
Harrisburg, PA	Cumberland, PA	warm	Burlington, NJ	8
Harrisburg, PA	Cumberland, PA	warm	Calvert, MD	34
Harrisburg, PA	Cumberland, PA	warm	Cambria, PA	33
Harrisburg, PA	Cumberland, PA	warm	Cameron, PA	10
Harrisburg, PA	Cumberland, PA	warm	Carbon, PA	4
Harrisburg, PA	Cumberland, PA	warm	Carroll, MD	78
Harrisburg, PA	Cumberland, PA	warm	Cecil, MD	29
Harrisburg, PA	Cumberland, PA	warm	Centre, PA	27
Harrisburg, PA	Cumberland, PA	warm	Charles, MD	37
Harrisburg, PA	Cumberland, PA	warm	Chemung, NY	4
Harrisburg, PA	Cumberland, PA	warm	Chester, PA	26
Harrisburg, PA	Cumberland, PA	warm	Clarke, VA	51
Harrisburg, PA	Cumberland, PA	warm	Clearfield, PA	18
Harrisburg, PA	Cumberland, PA	warm	Clinton, PA	14
Harrisburg, PA	Cumberland, PA	warm	Columbia, PA	8
Harrisburg, PA	Cumberland, PA	warm	Culpeper, VA	25
Harrisburg, PA	Cumberland, PA	warm	Cumberland, PA	99
Harrisburg, PA	Cumberland, PA	warm	Dauphin, PA	62
Harrisburg, PA	Cumberland, PA	warm	Delaware, PA	16
Harrisburg, PA	Cumberland, PA	warm	District of Columbia, DC	48
Harrisburg, PA	Cumberland, PA	warm	Elk, PA	10
Harrisburg, PA	Cumberland, PA	warm	Fairfax (City), VA	48
Harrisburg, PA	Cumberland, PA	warm	Fairfax, VA	48
Harrisburg, PA	Cumberland, PA	warm	Fauquier, VA	37
Harrisburg, PA	Cumberland, PA	warm	Fayette, PA	27
Harrisburg, PA	Cumberland, PA	warm	Franklin, PA	95
Harrisburg, PA	Cumberland, PA	warm	Frederick, MD	80
Harrisburg, PA	Cumberland, PA	warm	Frederick, VA	46
Harrisburg, PA	Cumberland, PA	warm	Fulton, PA	78
Harrisburg, PA	Cumberland, PA	warm	Garrett, MD	29
Harrisburg, PA	Cumberland, PA	warm	Gloucester, NJ	12
Harrisburg, PA	Cumberland, PA	warm	Grant, WV	20
Harrisburg, PA	Cumberland, PA	warm	Hampshire, WV	39
Harrisburg, PA	Cumberland, PA	warm	Hardy, WV	22
Harrisburg, PA	Cumberland, PA	warm	Harford, MD	46
Harrisburg, PA	Cumberland, PA	warm	Howard, MD	58
Harrisburg, PA	Cumberland, PA	warm	Hunterdon, NJ	5
Harrisburg, PA	Cumberland, PA	warm	Huntingdon, PA	64

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Harrisburg, PA	Cumberland, PA	warm	Indiana, PA	20
Harrisburg, PA	Cumberland, PA	warm	Jefferson, PA	12
Harrisburg, PA	Cumberland, PA	warm	Jefferson, WV	65
Harrisburg, PA	Cumberland, PA	warm	Juniata, PA	65
Harrisburg, PA	Cumberland, PA	warm	Kent, DE	12
Harrisburg, PA	Cumberland, PA	warm	Kent, MD	25
Harrisburg, PA	Cumberland, PA	warm	Lackawanna, PA	2
Harrisburg, PA	Cumberland, PA	warm	Lancaster, PA	51
Harrisburg, PA	Cumberland, PA	warm	Lebanon, PA	49
Harrisburg, PA	Cumberland, PA	warm	Lehigh, PA	8
Harrisburg, PA	Cumberland, PA	warm	Loudoun, VA	57
Harrisburg, PA	Cumberland, PA	warm	Luzerne, PA	3
Harrisburg, PA	Cumberland, PA	warm	Lycoming, PA	8
Harrisburg, PA	Cumberland, PA	warm	McKean, PA	7
Harrisburg, PA	Cumberland, PA	warm	Mercer, NJ	6
Harrisburg, PA	Cumberland, PA	warm	Mifflin, PA	56
Harrisburg, PA	Cumberland, PA	warm	Mineral, WV	33
Harrisburg, PA	Cumberland, PA	warm	Monroe, PA	2
Harrisburg, PA	Cumberland, PA	warm	Montgomery, MD	58
Harrisburg, PA	Cumberland, PA	warm	Montgomery, PA	13
Harrisburg, PA	Cumberland, PA	warm	Montour, PA	11
Harrisburg, PA	Cumberland, PA	warm	Morgan, WV	63
Harrisburg, PA	Cumberland, PA	warm	New Castle, DE	19
Harrisburg, PA	Cumberland, PA	warm	Northampton, PA	4
Harrisburg, PA	Cumberland, PA	warm	Northumberland, PA	23
Harrisburg, PA	Cumberland, PA	warm	Perry, PA	79
Harrisburg, PA	Cumberland, PA	warm	Philadelphia, PA	12
Harrisburg, PA	Cumberland, PA	warm	Pike, PA	1
Harrisburg, PA	Cumberland, PA	warm	Potter, PA	7
Harrisburg, PA	Cumberland, PA	warm	Preston, WV	25
Harrisburg, PA	Cumberland, PA	warm	Prince George's, MD	43
Harrisburg, PA	Cumberland, PA	warm	Prince William, VA	41
Harrisburg, PA	Cumberland, PA	warm	Queen Anne's, MD	22
Harrisburg, PA	Cumberland, PA	warm	Rappahannock, VA	27
Harrisburg, PA	Cumberland, PA	warm	Salem, NJ	14
Harrisburg, PA	Cumberland, PA	warm	Schuylkill, PA	18
Harrisburg, PA	Cumberland, PA	warm	Shenandoah, VA	23
Harrisburg, PA	Cumberland, PA	warm	Snyder, PA	34
Harrisburg, PA	Cumberland, PA	warm	Somerset, PA	38
Harrisburg, PA	Cumberland, PA	warm	Stafford, VA	32
Harrisburg, PA	Cumberland, PA	warm	Steuben, NY	4
Harrisburg, PA	Cumberland, PA	warm	Sullivan, PA	4
Harrisburg, PA	Cumberland, PA	warm	Susquehanna, PA	3
Harrisburg, PA	Cumberland, PA	warm	Sussex, NJ	2
Harrisburg, PA	Cumberland, PA	warm	Tioga, NY	4
Harrisburg, PA	Cumberland, PA	warm	Tioga, PA	5
Harrisburg, PA	Cumberland, PA	warm	Union, PA	20
Harrisburg, PA	Cumberland, PA	warm	Warren, NJ	3
Harrisburg, PA	Cumberland, PA	warm	Warren, VA	34

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Harrisburg, PA	Cumberland, PA	warm	Washington, MD	81
Harrisburg, PA	Cumberland, PA	warm	Wayne, PA	2
Harrisburg, PA	Cumberland, PA	warm	Westmoreland, PA	24
Harrisburg, PA	Cumberland, PA	warm	Wyoming, PA	3
Harrisburg, PA	Cumberland, PA	warm	York, PA	81
Harrisburg, PA	Dauphin, PA	cold	Adams, PA	96
Harrisburg, PA	Dauphin, PA	cold	Alexandria (City), VA	29
Harrisburg, PA	Dauphin, PA	cold	Allegany, MD	15
Harrisburg, PA	Dauphin, PA	cold	Allegany, NY	0
Harrisburg, PA	Dauphin, PA	cold	Anne Arundel, MD	35
Harrisburg, PA	Dauphin, PA	cold	Arlington, VA	33
Harrisburg, PA	Dauphin, PA	cold	Baltimore (City), MD	46
Harrisburg, PA	Dauphin, PA	cold	Baltimore, MD	55
Harrisburg, PA	Dauphin, PA	cold	Bedford, PA	20
Harrisburg, PA	Dauphin, PA	cold	Berkeley, WV	46
Harrisburg, PA	Dauphin, PA	cold	Berks, PA	39
Harrisburg, PA	Dauphin, PA	cold	Blair, PA	14
Harrisburg, PA	Dauphin, PA	cold	Bradford, PA	3
Harrisburg, PA	Dauphin, PA	cold	Bucks, PA	14
Harrisburg, PA	Dauphin, PA	cold	Burlington, NJ	5
Harrisburg, PA	Dauphin, PA	cold	Calvert, MD	21
Harrisburg, PA	Dauphin, PA	cold	Cambria, PA	7
Harrisburg, PA	Dauphin, PA	cold	Cameron, PA	2
Harrisburg, PA	Dauphin, PA	cold	Carbon, PA	19
Harrisburg, PA	Dauphin, PA	cold	Carroll, MD	70
Harrisburg, PA	Dauphin, PA	cold	Cecil, MD	29
Harrisburg, PA	Dauphin, PA	cold	Centre, PA	11
Harrisburg, PA	Dauphin, PA	cold	Charles, MD	19
Harrisburg, PA	Dauphin, PA	cold	Chemung, NY	1
Harrisburg, PA	Dauphin, PA	cold	Chester, PA	26
Harrisburg, PA	Dauphin, PA	cold	Clarke, VA	38
Harrisburg, PA	Dauphin, PA	cold	Clearfield, PA	5
Harrisburg, PA	Dauphin, PA	cold	Clinton, PA	5
Harrisburg, PA	Dauphin, PA	cold	Columbia, PA	13
Harrisburg, PA	Dauphin, PA	cold	Culpeper, VA	17
Harrisburg, PA	Dauphin, PA	cold	Cumberland, PA	100
Harrisburg, PA	Dauphin, PA	cold	Dauphin, PA	88
Harrisburg, PA	Dauphin, PA	cold	Delaware, PA	13
Harrisburg, PA	Dauphin, PA	cold	District of Columbia, DC	33
Harrisburg, PA	Dauphin, PA	cold	Elk, PA	2
Harrisburg, PA	Dauphin, PA	cold	Fairfax (City), VA	32
Harrisburg, PA	Dauphin, PA	cold	Fairfax, VA	32
Harrisburg, PA	Dauphin, PA	cold	Fauquier, VA	26
Harrisburg, PA	Dauphin, PA	cold	Fayette, PA	4
Harrisburg, PA	Dauphin, PA	cold	Franklin, PA	66
Harrisburg, PA	Dauphin, PA	cold	Frederick, MD	66
Harrisburg, PA	Dauphin, PA	cold	Frederick, VA	29
Harrisburg, PA	Dauphin, PA	cold	Fulton, PA	41
Harrisburg, PA	Dauphin, PA	cold	Garrett, MD	5

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Harrisburg, PA	Dauphin, PA	cold	Gloucester, NJ	8
Harrisburg, PA	Dauphin, PA	cold	Grant, WV	5
Harrisburg, PA	Dauphin, PA	cold	Hampshire, WV	16
Harrisburg, PA	Dauphin, PA	cold	Hardy, WV	8
Harrisburg, PA	Dauphin, PA	cold	Harford, MD	46
Harrisburg, PA	Dauphin, PA	cold	Howard, MD	48
Harrisburg, PA	Dauphin, PA	cold	Hunterdon, NJ	13
Harrisburg, PA	Dauphin, PA	cold	Huntingdon, PA	30
Harrisburg, PA	Dauphin, PA	cold	Indiana, PA	4
Harrisburg, PA	Dauphin, PA	cold	Jefferson, PA	3
Harrisburg, PA	Dauphin, PA	cold	Jefferson, WV	50
Harrisburg, PA	Dauphin, PA	cold	Juniata, PA	52
Harrisburg, PA	Dauphin, PA	cold	Kent, DE	18
Harrisburg, PA	Dauphin, PA	cold	Kent, MD	30
Harrisburg, PA	Dauphin, PA	cold	Lackawanna, PA	9
Harrisburg, PA	Dauphin, PA	cold	Lancaster, PA	65
Harrisburg, PA	Dauphin, PA	cold	Lebanon, PA	77
Harrisburg, PA	Dauphin, PA	cold	Lehigh, PA	25
Harrisburg, PA	Dauphin, PA	cold	Loudoun, VA	45
Harrisburg, PA	Dauphin, PA	cold	Luzerne, PA	11
Harrisburg, PA	Dauphin, PA	cold	Lycoming, PA	5
Harrisburg, PA	Dauphin, PA	cold	McKean, PA	0
Harrisburg, PA	Dauphin, PA	cold	Mercer, NJ	7
Harrisburg, PA	Dauphin, PA	cold	Mifflin, PA	33
Harrisburg, PA	Dauphin, PA	cold	Mineral, WV	8
Harrisburg, PA	Dauphin, PA	cold	Monroe, PA	15
Harrisburg, PA	Dauphin, PA	cold	Montgomery, MD	46
Harrisburg, PA	Dauphin, PA	cold	Montgomery, PA	18
Harrisburg, PA	Dauphin, PA	cold	Montour, PA	14
Harrisburg, PA	Dauphin, PA	cold	Morgan, WV	35
Harrisburg, PA	Dauphin, PA	cold	New Castle, DE	17
Harrisburg, PA	Dauphin, PA	cold	Northampton, PA	20
Harrisburg, PA	Dauphin, PA	cold	Northumberland, PA	29
Harrisburg, PA	Dauphin, PA	cold	Perry, PA	79
Harrisburg, PA	Dauphin, PA	cold	Philadelphia, PA	9
Harrisburg, PA	Dauphin, PA	cold	Pike, PA	10
Harrisburg, PA	Dauphin, PA	cold	Potter, PA	1
Harrisburg, PA	Dauphin, PA	cold	Preston, WV	5
Harrisburg, PA	Dauphin, PA	cold	Prince George's, MD	29
Harrisburg, PA	Dauphin, PA	cold	Prince William, VA	26
Harrisburg, PA	Dauphin, PA	cold	Queen Anne's, MD	28
Harrisburg, PA	Dauphin, PA	cold	Rappahannock, VA	18
Harrisburg, PA	Dauphin, PA	cold	Salem, NJ	11
Harrisburg, PA	Dauphin, PA	cold	Schuylkill, PA	34
Harrisburg, PA	Dauphin, PA	cold	Shenandoah, VA	12
Harrisburg, PA	Dauphin, PA	cold	Snyder, PA	33
Harrisburg, PA	Dauphin, PA	cold	Somerset, PA	7
Harrisburg, PA	Dauphin, PA	cold	Stafford, VA	18
Harrisburg, PA	Dauphin, PA	cold	Steuben, NY	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Harrisburg, PA	Dauphin, PA	cold	Sullivan, PA	5
Harrisburg, PA	Dauphin, PA	cold	Susquehanna, PA	7
Harrisburg, PA	Dauphin, PA	cold	Sussex, NJ	9
Harrisburg, PA	Dauphin, PA	cold	Tioga, NY	3
Harrisburg, PA	Dauphin, PA	cold	Tioga, PA	1
Harrisburg, PA	Dauphin, PA	cold	Union, PA	17
Harrisburg, PA	Dauphin, PA	cold	Warren, NJ	15
Harrisburg, PA	Dauphin, PA	cold	Warren, VA	22
Harrisburg, PA	Dauphin, PA	cold	Washington, MD	58
Harrisburg, PA	Dauphin, PA	cold	Wayne, PA	9
Harrisburg, PA	Dauphin, PA	cold	Westmoreland, PA	4
Harrisburg, PA	Dauphin, PA	cold	Wyoming, PA	7
Harrisburg, PA	Dauphin, PA	cold	York, PA	96
Harrisburg, PA	Dauphin, PA	warm	Adams, PA	100
Harrisburg, PA	Dauphin, PA	warm	Alexandria (City), VA	46
Harrisburg, PA	Dauphin, PA	warm	Allegany, MD	37
Harrisburg, PA	Dauphin, PA	warm	Allegany, NY	4
Harrisburg, PA	Dauphin, PA	warm	Anne Arundel, MD	41
Harrisburg, PA	Dauphin, PA	warm	Arlington, VA	48
Harrisburg, PA	Dauphin, PA	warm	Baltimore (City), MD	53
Harrisburg, PA	Dauphin, PA	warm	Baltimore, MD	62
Harrisburg, PA	Dauphin, PA	warm	Bedford, PA	47
Harrisburg, PA	Dauphin, PA	warm	Berkeley, WV	59
Harrisburg, PA	Dauphin, PA	warm	Berks, PA	30
Harrisburg, PA	Dauphin, PA	warm	Blair, PA	39
Harrisburg, PA	Dauphin, PA	warm	Bradford, PA	4
Harrisburg, PA	Dauphin, PA	warm	Bucks, PA	12
Harrisburg, PA	Dauphin, PA	warm	Burlington, NJ	10
Harrisburg, PA	Dauphin, PA	warm	Calvert, MD	34
Harrisburg, PA	Dauphin, PA	warm	Cambria, PA	27
Harrisburg, PA	Dauphin, PA	warm	Cameron, PA	9
Harrisburg, PA	Dauphin, PA	warm	Carbon, PA	8
Harrisburg, PA	Dauphin, PA	warm	Carroll, MD	80
Harrisburg, PA	Dauphin, PA	warm	Cecil, MD	35
Harrisburg, PA	Dauphin, PA	warm	Centre, PA	25
Harrisburg, PA	Dauphin, PA	warm	Charles, MD	37
Harrisburg, PA	Dauphin, PA	warm	Chemung, NY	4
Harrisburg, PA	Dauphin, PA	warm	Chester, PA	34
Harrisburg, PA	Dauphin, PA	warm	Clarke, VA	47
Harrisburg, PA	Dauphin, PA	warm	Clearfield, PA	16
Harrisburg, PA	Dauphin, PA	warm	Clinton, PA	13
Harrisburg, PA	Dauphin, PA	warm	Columbia, PA	11
Harrisburg, PA	Dauphin, PA	warm	Culpeper, VA	28
Harrisburg, PA	Dauphin, PA	warm	Cumberland, PA	98
Harrisburg, PA	Dauphin, PA	warm	Dauphin, PA	69
Harrisburg, PA	Dauphin, PA	warm	Delaware, PA	22
Harrisburg, PA	Dauphin, PA	warm	District of Columbia, DC	48
Harrisburg, PA	Dauphin, PA	warm	Elk, PA	9
Harrisburg, PA	Dauphin, PA	warm	Fairfax (City), VA	48

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Harrisburg, PA	Dauphin, PA	warm	Fairfax, VA	47
Harrisburg, PA	Dauphin, PA	warm	Fauquier, VA	37
Harrisburg, PA	Dauphin, PA	warm	Fayette, PA	22
Harrisburg, PA	Dauphin, PA	warm	Franklin, PA	87
Harrisburg, PA	Dauphin, PA	warm	Frederick, MD	77
Harrisburg, PA	Dauphin, PA	warm	Frederick, VA	41
Harrisburg, PA	Dauphin, PA	warm	Fulton, PA	67
Harrisburg, PA	Dauphin, PA	warm	Garrett, MD	24
Harrisburg, PA	Dauphin, PA	warm	Gloucester, NJ	15
Harrisburg, PA	Dauphin, PA	warm	Grant, WV	18
Harrisburg, PA	Dauphin, PA	warm	Hampshire, WV	33
Harrisburg, PA	Dauphin, PA	warm	Hardy, WV	20
Harrisburg, PA	Dauphin, PA	warm	Harford, MD	52
Harrisburg, PA	Dauphin, PA	warm	Howard, MD	59
Harrisburg, PA	Dauphin, PA	warm	Hunterdon, NJ	8
Harrisburg, PA	Dauphin, PA	warm	Huntingdon, PA	57
Harrisburg, PA	Dauphin, PA	warm	Indiana, PA	16
Harrisburg, PA	Dauphin, PA	warm	Jefferson, PA	11
Harrisburg, PA	Dauphin, PA	warm	Jefferson, WV	59
Harrisburg, PA	Dauphin, PA	warm	Juniata, PA	63
Harrisburg, PA	Dauphin, PA	warm	Kent, DE	14
Harrisburg, PA	Dauphin, PA	warm	Kent, MD	29
Harrisburg, PA	Dauphin, PA	warm	Lackawanna, PA	3
Harrisburg, PA	Dauphin, PA	warm	Lancaster, PA	61
Harrisburg, PA	Dauphin, PA	warm	Lebanon, PA	59
Harrisburg, PA	Dauphin, PA	warm	Lehigh, PA	14
Harrisburg, PA	Dauphin, PA	warm	Loudoun, VA	54
Harrisburg, PA	Dauphin, PA	warm	Luzerne, PA	6
Harrisburg, PA	Dauphin, PA	warm	Lycoming, PA	8
Harrisburg, PA	Dauphin, PA	warm	McKean, PA	6
Harrisburg, PA	Dauphin, PA	warm	Mercer, NJ	9
Harrisburg, PA	Dauphin, PA	warm	Mifflin, PA	52
Harrisburg, PA	Dauphin, PA	warm	Mineral, WV	27
Harrisburg, PA	Dauphin, PA	warm	Monroe, PA	4
Harrisburg, PA	Dauphin, PA	warm	Montgomery, MD	58
Harrisburg, PA	Dauphin, PA	warm	Montgomery, PA	19
Harrisburg, PA	Dauphin, PA	warm	Montour, PA	15
Harrisburg, PA	Dauphin, PA	warm	Morgan, WV	54
Harrisburg, PA	Dauphin, PA	warm	New Castle, DE	24
Harrisburg, PA	Dauphin, PA	warm	Northampton, PA	8
Harrisburg, PA	Dauphin, PA	warm	Northumberland, PA	28
Harrisburg, PA	Dauphin, PA	warm	Perry, PA	79
Harrisburg, PA	Dauphin, PA	warm	Philadelphia, PA	16
Harrisburg, PA	Dauphin, PA	warm	Pike, PA	2
Harrisburg, PA	Dauphin, PA	warm	Potter, PA	6
Harrisburg, PA	Dauphin, PA	warm	Preston, WV	22
Harrisburg, PA	Dauphin, PA	warm	Prince George's, MD	43
Harrisburg, PA	Dauphin, PA	warm	Prince William, VA	41
Harrisburg, PA	Dauphin, PA	warm	Queen Anne's, MD	25

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Harrisburg, PA	Dauphin, PA	warm	Rappahannock, VA	28
Harrisburg, PA	Dauphin, PA	warm	Salem, NJ	17
Harrisburg, PA	Dauphin, PA	warm	Schuylkill, PA	26
Harrisburg, PA	Dauphin, PA	warm	Shenandoah, VA	23
Harrisburg, PA	Dauphin, PA	warm	Snyder, PA	38
Harrisburg, PA	Dauphin, PA	warm	Somerset, PA	29
Harrisburg, PA	Dauphin, PA	warm	Stafford, VA	33
Harrisburg, PA	Dauphin, PA	warm	Steuben, NY	4
Harrisburg, PA	Dauphin, PA	warm	Sullivan, PA	4
Harrisburg, PA	Dauphin, PA	warm	Susquehanna, PA	3
Harrisburg, PA	Dauphin, PA	warm	Sussex, NJ	3
Harrisburg, PA	Dauphin, PA	warm	Tioga, NY	3
Harrisburg, PA	Dauphin, PA	warm	Tioga, PA	5
Harrisburg, PA	Dauphin, PA	warm	Union, PA	22
Harrisburg, PA	Dauphin, PA	warm	Warren, NJ	6
Harrisburg, PA	Dauphin, PA	warm	Warren, VA	33
Harrisburg, PA	Dauphin, PA	warm	Washington, MD	74
Harrisburg, PA	Dauphin, PA	warm	Wayne, PA	2
Harrisburg, PA	Dauphin, PA	warm	Westmoreland, PA	18
Harrisburg, PA	Dauphin, PA	warm	Wyoming, PA	3
Harrisburg, PA	Dauphin, PA	warm	York, PA	88
Huntington, WV	Cabell, WV	cold	Adams, OH	20
Huntington, WV	Cabell, WV	cold	Alleghany, VA	1
Huntington, WV	Cabell, WV	cold	Athens, OH	23
Huntington, WV	Cabell, WV	cold	Bath, KY	23
Huntington, WV	Cabell, WV	cold	Bath, VA	1
Huntington, WV	Cabell, WV	cold	Bland, VA	3
Huntington, WV	Cabell, WV	cold	Boone, WV	31
Huntington, WV	Cabell, WV	cold	Boyd, KY	100
Huntington, WV	Cabell, WV	cold	Bracken, KY	13
Huntington, WV	Cabell, WV	cold	Braxton, WV	10
Huntington, WV	Cabell, WV	cold	Breathitt, KY	31
Huntington, WV	Cabell, WV	cold	Brown, OH	12
Huntington, WV	Cabell, WV	cold	Buchanan, VA	19
Huntington, WV	Cabell, WV	cold	Cabell, WV	100
Huntington, WV	Cabell, WV	cold	Calhoun, WV	16
Huntington, WV	Cabell, WV	cold	Carter, KY	62
Huntington, WV	Cabell, WV	cold	Clay, WV	14
Huntington, WV	Cabell, WV	cold	Clermont, OH	10
Huntington, WV	Cabell, WV	cold	Clinton, OH	6
Huntington, WV	Cabell, WV	cold	Dickenson, VA	23
Huntington, WV	Cabell, WV	cold	Doddridge, WV	11
Huntington, WV	Cabell, WV	cold	Elliott, KY	54
Huntington, WV	Cabell, WV	cold	Fairfield, OH	9
Huntington, WV	Cabell, WV	cold	Fayette, OH	6
Huntington, WV	Cabell, WV	cold	Fayette, WV	10
Huntington, WV	Cabell, WV	cold	Fleming, KY	21
Huntington, WV	Cabell, WV	cold	Floyd, KY	40
Huntington, WV	Cabell, WV	cold	Franklin, OH	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Huntington, WV	Cabell, WV	cold	Gallia, OH	70
Huntington, WV	Cabell, WV	cold	Giles, VA	3
Huntington, WV	Cabell, WV	cold	Gilmer, WV	12
Huntington, WV	Cabell, WV	cold	Greenbrier, WV	2
Huntington, WV	Cabell, WV	cold	Greene, OH	3
Huntington, WV	Cabell, WV	cold	Greenup, KY	71
Huntington, WV	Cabell, WV	cold	Harlan, KY	18
Huntington, WV	Cabell, WV	cold	Highland, OH	11
Huntington, WV	Cabell, WV	cold	Hocking, OH	17
Huntington, WV	Cabell, WV	cold	Jackson, OH	45
Huntington, WV	Cabell, WV	cold	Jackson, WV	36
Huntington, WV	Cabell, WV	cold	Johnson, KY	55
Huntington, WV	Cabell, WV	cold	Kanawha, WV	34
Huntington, WV	Cabell, WV	cold	Knott, KY	32
Huntington, WV	Cabell, WV	cold	Lawrence, KY	78
Huntington, WV	Cabell, WV	cold	Lawrence, OH	96
Huntington, WV	Cabell, WV	cold	Lee, KY	24
Huntington, WV	Cabell, WV	cold	Lee, VA	15
Huntington, WV	Cabell, WV	cold	Letcher, KY	26
Huntington, WV	Cabell, WV	cold	Lewis, KY	32
Huntington, WV	Cabell, WV	cold	Lewis, WV	10
Huntington, WV	Cabell, WV	cold	Licking, OH	6
Huntington, WV	Cabell, WV	cold	Lincoln, WV	71
Huntington, WV	Cabell, WV	cold	Logan, WV	35
Huntington, WV	Cabell, WV	cold	Madison, OH	2
Huntington, WV	Cabell, WV	cold	Magoffin, KY	40
Huntington, WV	Cabell, WV	cold	Martin, KY	54
Huntington, WV	Cabell, WV	cold	Mason, KY	16
Huntington, WV	Cabell, WV	cold	Mason, WV	62
Huntington, WV	Cabell, WV	cold	Mc Dowell, WV	11
Huntington, WV	Cabell, WV	cold	Meigs, OH	35
Huntington, WV	Cabell, WV	cold	Menifee, KY	28
Huntington, WV	Cabell, WV	cold	Mercer, WV	4
Huntington, WV	Cabell, WV	cold	Mingo, WV	39
Huntington, WV	Cabell, WV	cold	Monroe, OH	11
Huntington, WV	Cabell, WV	cold	Monroe, WV	2
Huntington, WV	Cabell, WV	cold	Montgomery, KY	21
Huntington, WV	Cabell, WV	cold	Morgan, KY	41
Huntington, WV	Cabell, WV	cold	Morgan, OH	16
Huntington, WV	Cabell, WV	cold	Muskingum, OH	13
Huntington, WV	Cabell, WV	cold	Nicholas, KY	16
Huntington, WV	Cabell, WV	cold	Nicholas, WV	7
Huntington, WV	Cabell, WV	cold	Noble, OH	14
Huntington, WV	Cabell, WV	cold	Norton, VA	22
Huntington, WV	Cabell, WV	cold	Perry, KY	26
Huntington, WV	Cabell, WV	cold	Perry, OH	14
Huntington, WV	Cabell, WV	cold	Pickaway, OH	8
Huntington, WV	Cabell, WV	cold	Pike, KY	33
Huntington, WV	Cabell, WV	cold	Pike, OH	25

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Huntington, WV	Cabell, WV	cold	Pleasants, WV	12
Huntington, WV	Cabell, WV	cold	Pocahontas, WV	1
Huntington, WV	Cabell, WV	cold	Powell, KY	24
Huntington, WV	Cabell, WV	cold	Putnam, WV	66
Huntington, WV	Cabell, WV	cold	Raleigh, WV	10
Huntington, WV	Cabell, WV	cold	Randolph, WV	3
Huntington, WV	Cabell, WV	cold	Ritchie, WV	13
Huntington, WV	Cabell, WV	cold	Roane, WV	25
Huntington, WV	Cabell, WV	cold	Robertson, KY	14
Huntington, WV	Cabell, WV	cold	Ross, OH	14
Huntington, WV	Cabell, WV	cold	Rowan, KY	34
Huntington, WV	Cabell, WV	cold	Russell, VA	14
Huntington, WV	Cabell, WV	cold	Scioto, OH	46
Huntington, WV	Cabell, WV	cold	Scott, VA	16
Huntington, WV	Cabell, WV	cold	Smyth, VA	4
Huntington, WV	Cabell, WV	cold	Summers, WV	4
Huntington, WV	Cabell, WV	cold	Tazewell, VA	7
Huntington, WV	Cabell, WV	cold	Tyler, WV	10
Huntington, WV	Cabell, WV	cold	Upshur, WV	6
Huntington, WV	Cabell, WV	cold	Vinton, OH	28
Huntington, WV	Cabell, WV	cold	Washington, OH	15
Huntington, WV	Cabell, WV	cold	Washington, VA	9
Huntington, WV	Cabell, WV	cold	Wayne, WV	89
Huntington, WV	Cabell, WV	cold	Webster, WV	4
Huntington, WV	Cabell, WV	cold	Wirt, WV	20
Huntington, WV	Cabell, WV	cold	Wise, VA	22
Huntington, WV	Cabell, WV	cold	Wolfe, KY	30
Huntington, WV	Cabell, WV	cold	Wood, WV	19
Huntington, WV	Cabell, WV	cold	Wyoming, WV	12
Huntington, WV	Cabell, WV	warm	Adams, OH	28
Huntington, WV	Cabell, WV	warm	Alleghany, VA	0
Huntington, WV	Cabell, WV	warm	Athens, OH	35
Huntington, WV	Cabell, WV	warm	Bath, KY	21
Huntington, WV	Cabell, WV	warm	Bath, VA	0
Huntington, WV	Cabell, WV	warm	Bland, VA	1
Huntington, WV	Cabell, WV	warm	Boone, WV	17
Huntington, WV	Cabell, WV	warm	Boyd, KY	91
Huntington, WV	Cabell, WV	warm	Bracken, KY	18
Huntington, WV	Cabell, WV	warm	Braxton, WV	8
Huntington, WV	Cabell, WV	warm	Breathitt, KY	13
Huntington, WV	Cabell, WV	warm	Brown, OH	15
Huntington, WV	Cabell, WV	warm	Buchanan, VA	8
Huntington, WV	Cabell, WV	warm	Cabell, WV	85
Huntington, WV	Cabell, WV	warm	Calhoun, WV	15
Huntington, WV	Cabell, WV	warm	Carter, KY	58
Huntington, WV	Cabell, WV	warm	Clay, WV	12
Huntington, WV	Cabell, WV	warm	Clermont, OH	8
Huntington, WV	Cabell, WV	warm	Clinton, OH	3
Huntington, WV	Cabell, WV	warm	Dickenson, VA	8

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Huntington, WV	Cabell, WV	warm	Doddridge, WV	7
Huntington, WV	Cabell, WV	warm	Elliott, KY	44
Huntington, WV	Cabell, WV	warm	Fairfield, OH	10
Huntington, WV	Cabell, WV	warm	Fayette, OH	3
Huntington, WV	Cabell, WV	warm	Fayette, WV	6
Huntington, WV	Cabell, WV	warm	Fleming, KY	28
Huntington, WV	Cabell, WV	warm	Floyd, KY	20
Huntington, WV	Cabell, WV	warm	Franklin, OH	3
Huntington, WV	Cabell, WV	warm	Gallia, OH	82
Huntington, WV	Cabell, WV	warm	Giles, VA	1
Huntington, WV	Cabell, WV	warm	Gilmer, WV	11
Huntington, WV	Cabell, WV	warm	Greenbrier, WV	2
Huntington, WV	Cabell, WV	warm	Greene, OH	1
Huntington, WV	Cabell, WV	warm	Greenup, KY	74
Huntington, WV	Cabell, WV	warm	Harlan, KY	6
Huntington, WV	Cabell, WV	warm	Highland, OH	10
Huntington, WV	Cabell, WV	warm	Hocking, OH	23
Huntington, WV	Cabell, WV	warm	Jackson, OH	60
Huntington, WV	Cabell, WV	warm	Jackson, WV	36
Huntington, WV	Cabell, WV	warm	Johnson, KY	34
Huntington, WV	Cabell, WV	warm	Kanawha, WV	23
Huntington, WV	Cabell, WV	warm	Knott, KY	13
Huntington, WV	Cabell, WV	warm	Lawrence, KY	58
Huntington, WV	Cabell, WV	warm	Lawrence, OH	100
Huntington, WV	Cabell, WV	warm	Lee, KY	9
Huntington, WV	Cabell, WV	warm	Lee, VA	6
Huntington, WV	Cabell, WV	warm	Letcher, KY	9
Huntington, WV	Cabell, WV	warm	Lewis, KY	41
Huntington, WV	Cabell, WV	warm	Lewis, WV	5
Huntington, WV	Cabell, WV	warm	Licking, OH	7
Huntington, WV	Cabell, WV	warm	Lincoln, WV	47
Huntington, WV	Cabell, WV	warm	Logan, WV	18
Huntington, WV	Cabell, WV	warm	Madison, OH	2
Huntington, WV	Cabell, WV	warm	Magoffin, KY	22
Huntington, WV	Cabell, WV	warm	Martin, KY	31
Huntington, WV	Cabell, WV	warm	Mason, KY	26
Huntington, WV	Cabell, WV	warm	Mason, WV	66
Huntington, WV	Cabell, WV	warm	Mc Dowell, WV	5
Huntington, WV	Cabell, WV	warm	Meigs, OH	47
Huntington, WV	Cabell, WV	warm	Menifee, KY	18
Huntington, WV	Cabell, WV	warm	Mercer, WV	2
Huntington, WV	Cabell, WV	warm	Mingo, WV	21
Huntington, WV	Cabell, WV	warm	Monroe, OH	14
Huntington, WV	Cabell, WV	warm	Monroe, WV	1
Huntington, WV	Cabell, WV	warm	Montgomery, KY	14
Huntington, WV	Cabell, WV	warm	Morgan, KY	28
Huntington, WV	Cabell, WV	warm	Morgan, OH	26
Huntington, WV	Cabell, WV	warm	Muskingum, OH	17
Huntington, WV	Cabell, WV	warm	Nicholas, KY	20

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Huntington, WV	Cabell, WV	warm	Nicholas, WV	6
Huntington, WV	Cabell, WV	warm	Noble, OH	21
Huntington, WV	Cabell, WV	warm	Norton, VA	7
Huntington, WV	Cabell, WV	warm	Perry, KY	9
Huntington, WV	Cabell, WV	warm	Perry, OH	18
Huntington, WV	Cabell, WV	warm	Pickaway, OH	7
Huntington, WV	Cabell, WV	warm	Pike, KY	15
Huntington, WV	Cabell, WV	warm	Pike, OH	32
Huntington, WV	Cabell, WV	warm	Pleasants, WV	16
Huntington, WV	Cabell, WV	warm	Pocahontas, WV	1
Huntington, WV	Cabell, WV	warm	Powell, KY	11
Huntington, WV	Cabell, WV	warm	Putnam, WV	54
Huntington, WV	Cabell, WV	warm	Raleigh, WV	5
Huntington, WV	Cabell, WV	warm	Randolph, WV	1
Huntington, WV	Cabell, WV	warm	Ritchie, WV	14
Huntington, WV	Cabell, WV	warm	Roane, WV	21
Huntington, WV	Cabell, WV	warm	Robertson, KY	21
Huntington, WV	Cabell, WV	warm	Ross, OH	16
Huntington, WV	Cabell, WV	warm	Rowan, KY	32
Huntington, WV	Cabell, WV	warm	Russell, VA	5
Huntington, WV	Cabell, WV	warm	Scioto, OH	57
Huntington, WV	Cabell, WV	warm	Scott, VA	6
Huntington, WV	Cabell, WV	warm	Smyth, VA	2
Huntington, WV	Cabell, WV	warm	Summers, WV	2
Huntington, WV	Cabell, WV	warm	Tazewell, VA	3
Huntington, WV	Cabell, WV	warm	Tyler, WV	10
Huntington, WV	Cabell, WV	warm	Upshur, WV	2
Huntington, WV	Cabell, WV	warm	Vinton, OH	40
Huntington, WV	Cabell, WV	warm	Washington, OH	24
Huntington, WV	Cabell, WV	warm	Washington, VA	4
Huntington, WV	Cabell, WV	warm	Wayne, WV	66
Huntington, WV	Cabell, WV	warm	Webster, WV	4
Huntington, WV	Cabell, WV	warm	Wirt, WV	22
Huntington, WV	Cabell, WV	warm	Wise, VA	7
Huntington, WV	Cabell, WV	warm	Wolfe, KY	15
Huntington, WV	Cabell, WV	warm	Wood, WV	26
Huntington, WV	Cabell, WV	warm	Wyoming, WV	6
Huntington, WV	Scioto, OH	cold	Adams, OH	24
Huntington, WV	Scioto, OH	cold	Alleghany, VA	3
Huntington, WV	Scioto, OH	cold	Athens, OH	49
Huntington, WV	Scioto, OH	cold	Bath, KY	18
Huntington, WV	Scioto, OH	cold	Bath, VA	3
Huntington, WV	Scioto, OH	cold	Bland, VA	5
Huntington, WV	Scioto, OH	cold	Boone, WV	42
Huntington, WV	Scioto, OH	cold	Boyd, KY	98
Huntington, WV	Scioto, OH	cold	Bracken, KY	10
Huntington, WV	Scioto, OH	cold	Braxton, WV	32
Huntington, WV	Scioto, OH	cold	Breathitt, KY	28
Huntington, WV	Scioto, OH	cold	Brown, OH	11

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Huntington, WV	Scioto, OH	cold	Buchanan, VA	27
Huntington, WV	Scioto, OH	cold	Cabell, WV	100
Huntington, WV	Scioto, OH	cold	Calhoun, WV	47
Huntington, WV	Scioto, OH	cold	Carter, KY	67
Huntington, WV	Scioto, OH	cold	Clay, WV	34
Huntington, WV	Scioto, OH	cold	Clermont, OH	7
Huntington, WV	Scioto, OH	cold	Clinton, OH	6
Huntington, WV	Scioto, OH	cold	Dickenson, VA	29
Huntington, WV	Scioto, OH	cold	Doddridge, WV	41
Huntington, WV	Scioto, OH	cold	Elliott, KY	58
Huntington, WV	Scioto, OH	cold	Fairfield, OH	19
Huntington, WV	Scioto, OH	cold	Fayette, OH	6
Huntington, WV	Scioto, OH	cold	Fayette, WV	18
Huntington, WV	Scioto, OH	cold	Fleming, KY	20
Huntington, WV	Scioto, OH	cold	Floyd, KY	46
Huntington, WV	Scioto, OH	cold	Franklin, OH	7
Huntington, WV	Scioto, OH	cold	Gallia, OH	87
Huntington, WV	Scioto, OH	cold	Giles, VA	4
Huntington, WV	Scioto, OH	cold	Gilmer, WV	42
Huntington, WV	Scioto, OH	cold	Greenbrier, WV	6
Huntington, WV	Scioto, OH	cold	Greene, OH	3
Huntington, WV	Scioto, OH	cold	Greenup, KY	78
Huntington, WV	Scioto, OH	cold	Harlan, KY	22
Huntington, WV	Scioto, OH	cold	Highland, OH	11
Huntington, WV	Scioto, OH	cold	Hocking, OH	34
Huntington, WV	Scioto, OH	cold	Jackson, OH	63
Huntington, WV	Scioto, OH	cold	Jackson, WV	66
Huntington, WV	Scioto, OH	cold	Johnson, KY	60
Huntington, WV	Scioto, OH	cold	Kanawha, WV	51
Huntington, WV	Scioto, OH	cold	Knott, KY	34
Huntington, WV	Scioto, OH	cold	Lawrence, KY	80
Huntington, WV	Scioto, OH	cold	Lawrence, OH	100
Huntington, WV	Scioto, OH	cold	Lee, KY	18
Huntington, WV	Scioto, OH	cold	Lee, VA	20
Huntington, WV	Scioto, OH	cold	Letcher, KY	30
Huntington, WV	Scioto, OH	cold	Lewis, KY	38
Huntington, WV	Scioto, OH	cold	Lewis, WV	34
Huntington, WV	Scioto, OH	cold	Licking, OH	13
Huntington, WV	Scioto, OH	cold	Lincoln, WV	77
Huntington, WV	Scioto, OH	cold	Logan, WV	45
Huntington, WV	Scioto, OH	cold	Madison, OH	4
Huntington, WV	Scioto, OH	cold	Magoffin, KY	42
Huntington, WV	Scioto, OH	cold	Martin, KY	63
Huntington, WV	Scioto, OH	cold	Mason, KY	14
Huntington, WV	Scioto, OH	cold	Mason, WV	84
Huntington, WV	Scioto, OH	cold	Mc Dowell, WV	17
Huntington, WV	Scioto, OH	cold	Meigs, OH	64
Huntington, WV	Scioto, OH	cold	Menifee, KY	23
Huntington, WV	Scioto, OH	cold	Mercer, WV	7

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Huntington, WV	Scioto, OH	cold	Mingo, WV	50
Huntington, WV	Scioto, OH	cold	Monroe, OH	34
Huntington, WV	Scioto, OH	cold	Monroe, WV	4
Huntington, WV	Scioto, OH	cold	Montgomery, KY	14
Huntington, WV	Scioto, OH	cold	Morgan, KY	41
Huntington, WV	Scioto, OH	cold	Morgan, OH	37
Huntington, WV	Scioto, OH	cold	Muskingum, OH	27
Huntington, WV	Scioto, OH	cold	Nicholas, KY	12
Huntington, WV	Scioto, OH	cold	Nicholas, WV	19
Huntington, WV	Scioto, OH	cold	Noble, OH	34
Huntington, WV	Scioto, OH	cold	Norton, VA	26
Huntington, WV	Scioto, OH	cold	Perry, KY	26
Huntington, WV	Scioto, OH	cold	Perry, OH	29
Huntington, WV	Scioto, OH	cold	Pickaway, OH	13
Huntington, WV	Scioto, OH	cold	Pike, KY	42
Huntington, WV	Scioto, OH	cold	Pike, OH	35
Huntington, WV	Scioto, OH	cold	Pleasants, WV	41
Huntington, WV	Scioto, OH	cold	Pocahontas, WV	5
Huntington, WV	Scioto, OH	cold	Powell, KY	16
Huntington, WV	Scioto, OH	cold	Putnam, WV	81
Huntington, WV	Scioto, OH	cold	Raleigh, WV	15
Huntington, WV	Scioto, OH	cold	Randolph, WV	10
Huntington, WV	Scioto, OH	cold	Ritchie, WV	45
Huntington, WV	Scioto, OH	cold	Roane, WV	53
Huntington, WV	Scioto, OH	cold	Robertson, KY	10
Huntington, WV	Scioto, OH	cold	Ross, OH	21
Huntington, WV	Scioto, OH	cold	Rowan, KY	35
Huntington, WV	Scioto, OH	cold	Russell, VA	19
Huntington, WV	Scioto, OH	cold	Scioto, OH	58
Huntington, WV	Scioto, OH	cold	Scott, VA	20
Huntington, WV	Scioto, OH	cold	Smyth, VA	8
Huntington, WV	Scioto, OH	cold	Summers, WV	6
Huntington, WV	Scioto, OH	cold	Tazewell, VA	11
Huntington, WV	Scioto, OH	cold	Tyler, WV	38
Huntington, WV	Scioto, OH	cold	Upshur, WV	22
Huntington, WV	Scioto, OH	cold	Vinton, OH	48
Huntington, WV	Scioto, OH	cold	Washington, OH	41
Huntington, WV	Scioto, OH	cold	Washington, VA	13
Huntington, WV	Scioto, OH	cold	Wayne, WV	90
Huntington, WV	Scioto, OH	cold	Webster, WV	16
Huntington, WV	Scioto, OH	cold	Wirt, WV	53
Huntington, WV	Scioto, OH	cold	Wise, VA	27
Huntington, WV	Scioto, OH	cold	Wolfe, KY	26
Huntington, WV	Scioto, OH	cold	Wood, WV	50
Huntington, WV	Scioto, OH	cold	Wyoming, WV	19
Huntington, WV	Scioto, OH	warm	Adams, OH	32
Huntington, WV	Scioto, OH	warm	Alleghany, VA	1
Huntington, WV	Scioto, OH	warm	Athens, OH	25
Huntington, WV	Scioto, OH	warm	Bath, KY	21

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Huntington, WV	Scioto, OH	warm	Bath, VA	0
Huntington, WV	Scioto, OH	warm	Bland, VA	2
Huntington, WV	Scioto, OH	warm	Boone, WV	19
Huntington, WV	Scioto, OH	warm	Boyd, KY	93
Huntington, WV	Scioto, OH	warm	Bracken, KY	21
Huntington, WV	Scioto, OH	warm	Braxton, WV	9
Huntington, WV	Scioto, OH	warm	Breathitt, KY	11
Huntington, WV	Scioto, OH	warm	Brown, OH	17
Huntington, WV	Scioto, OH	warm	Buchanan, VA	7
Huntington, WV	Scioto, OH	warm	Cabell, WV	88
Huntington, WV	Scioto, OH	warm	Calhoun, WV	16
Huntington, WV	Scioto, OH	warm	Carter, KY	60
Huntington, WV	Scioto, OH	warm	Clay, WV	13
Huntington, WV	Scioto, OH	warm	Clermont, OH	8
Huntington, WV	Scioto, OH	warm	Clinton, OH	3
Huntington, WV	Scioto, OH	warm	Dickenson, VA	7
Huntington, WV	Scioto, OH	warm	Doddridge, WV	6
Huntington, WV	Scioto, OH	warm	Elliott, KY	43
Huntington, WV	Scioto, OH	warm	Fairfield, OH	7
Huntington, WV	Scioto, OH	warm	Fayette, OH	3
Huntington, WV	Scioto, OH	warm	Fayette, WV	7
Huntington, WV	Scioto, OH	warm	Fleming, KY	31
Huntington, WV	Scioto, OH	warm	Floyd, KY	17
Huntington, WV	Scioto, OH	warm	Franklin, OH	3
Huntington, WV	Scioto, OH	warm	Gallia, OH	76
Huntington, WV	Scioto, OH	warm	Giles, VA	1
Huntington, WV	Scioto, OH	warm	Gilmer, WV	11
Huntington, WV	Scioto, OH	warm	Greenbrier, WV	2
Huntington, WV	Scioto, OH	warm	Greene, OH	1
Huntington, WV	Scioto, OH	warm	Greenup, KY	77
Huntington, WV	Scioto, OH	warm	Harlan, KY	6
Huntington, WV	Scioto, OH	warm	Highland, OH	10
Huntington, WV	Scioto, OH	warm	Hocking, OH	15
Huntington, WV	Scioto, OH	warm	Jackson, OH	52
Huntington, WV	Scioto, OH	warm	Jackson, WV	35
Huntington, WV	Scioto, OH	warm	Johnson, KY	30
Huntington, WV	Scioto, OH	warm	Kanawha, WV	26
Huntington, WV	Scioto, OH	warm	Knott, KY	10
Huntington, WV	Scioto, OH	warm	Lawrence, KY	53
Huntington, WV	Scioto, OH	warm	Lawrence, OH	100
Huntington, WV	Scioto, OH	warm	Lee, KY	8
Huntington, WV	Scioto, OH	warm	Lee, VA	5
Huntington, WV	Scioto, OH	warm	Letcher, KY	7
Huntington, WV	Scioto, OH	warm	Lewis, KY	45
Huntington, WV	Scioto, OH	warm	Lewis, WV	5
Huntington, WV	Scioto, OH	warm	Licking, OH	6
Huntington, WV	Scioto, OH	warm	Lincoln, WV	48
Huntington, WV	Scioto, OH	warm	Logan, WV	19
Huntington, WV	Scioto, OH	warm	Madison, OH	2

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Huntington, WV	Scioto, OH	warm	Magoffin, KY	19
Huntington, WV	Scioto, OH	warm	Martin, KY	27
Huntington, WV	Scioto, OH	warm	Mason, KY	30
Huntington, WV	Scioto, OH	warm	Mason, WV	63
Huntington, WV	Scioto, OH	warm	Mc Dowell, WV	5
Huntington, WV	Scioto, OH	warm	Meigs, OH	38
Huntington, WV	Scioto, OH	warm	Menifee, KY	17
Huntington, WV	Scioto, OH	warm	Mercer, WV	3
Huntington, WV	Scioto, OH	warm	Mingo, WV	19
Huntington, WV	Scioto, OH	warm	Monroe, OH	8
Huntington, WV	Scioto, OH	warm	Monroe, WV	1
Huntington, WV	Scioto, OH	warm	Montgomery, KY	14
Huntington, WV	Scioto, OH	warm	Morgan, KY	25
Huntington, WV	Scioto, OH	warm	Morgan, OH	17
Huntington, WV	Scioto, OH	warm	Muskingum, OH	11
Huntington, WV	Scioto, OH	warm	Nicholas, KY	22
Huntington, WV	Scioto, OH	warm	Nicholas, WV	7
Huntington, WV	Scioto, OH	warm	Noble, OH	13
Huntington, WV	Scioto, OH	warm	Norton, VA	5
Huntington, WV	Scioto, OH	warm	Perry, KY	8
Huntington, WV	Scioto, OH	warm	Perry, OH	12
Huntington, WV	Scioto, OH	warm	Pickaway, OH	5
Huntington, WV	Scioto, OH	warm	Pike, KY	13
Huntington, WV	Scioto, OH	warm	Pike, OH	31
Huntington, WV	Scioto, OH	warm	Pleasants, WV	12
Huntington, WV	Scioto, OH	warm	Pocahontas, WV	1
Huntington, WV	Scioto, OH	warm	Powell, KY	10
Huntington, WV	Scioto, OH	warm	Putnam, WV	58
Huntington, WV	Scioto, OH	warm	Raleigh, WV	6
Huntington, WV	Scioto, OH	warm	Randolph, WV	1
Huntington, WV	Scioto, OH	warm	Ritchie, WV	12
Huntington, WV	Scioto, OH	warm	Roane, WV	22
Huntington, WV	Scioto, OH	warm	Robertson, KY	24
Huntington, WV	Scioto, OH	warm	Ross, OH	13
Huntington, WV	Scioto, OH	warm	Rowan, KY	33
Huntington, WV	Scioto, OH	warm	Russell, VA	4
Huntington, WV	Scioto, OH	warm	Scioto, OH	58
Huntington, WV	Scioto, OH	warm	Scott, VA	5
Huntington, WV	Scioto, OH	warm	Smyth, VA	2
Huntington, WV	Scioto, OH	warm	Summers, WV	3
Huntington, WV	Scioto, OH	warm	Tazewell, VA	3
Huntington, WV	Scioto, OH	warm	Tyler, WV	7
Huntington, WV	Scioto, OH	warm	Upshur, WV	3
Huntington, WV	Scioto, OH	warm	Vinton, OH	30
Huntington, WV	Scioto, OH	warm	Washington, OH	17
Huntington, WV	Scioto, OH	warm	Washington, VA	3
Huntington, WV	Scioto, OH	warm	Wayne, WV	63
Huntington, WV	Scioto, OH	warm	Webster, WV	4
Huntington, WV	Scioto, OH	warm	Wirt, WV	20

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Huntington, WV	Scioto, OH	warm	Wise, VA	6
Huntington, WV	Scioto, OH	warm	Wolfe, KY	13
Huntington, WV	Scioto, OH	warm	Wood, WV	21
Huntington, WV	Scioto, OH	warm	Wyoming, WV	7
Imperial County, CA	Imperial, CA	cold	Alpine, CA	0
Imperial County, CA	Imperial, CA	cold	Apache, AZ	0
Imperial County, CA	Imperial, CA	cold	Beaver, UT	0
Imperial County, CA	Imperial, CA	cold	Catron, NM	0
Imperial County, CA	Imperial, CA	cold	Churchill, NV	0
Imperial County, CA	Imperial, CA	cold	Cibola, NM	0
Imperial County, CA	Imperial, CA	cold	Clark, NV	0
Imperial County, CA	Imperial, CA	cold	Cochise, AZ	0
Imperial County, CA	Imperial, CA	cold	Coconino, AZ	0
Imperial County, CA	Imperial, CA	cold	Dolores, CO	0
Imperial County, CA	Imperial, CA	cold	Douglas, NV	0
Imperial County, CA	Imperial, CA	cold	Elko, NV	0
Imperial County, CA	Imperial, CA	cold	Emery, UT	0
Imperial County, CA	Imperial, CA	cold	Esmeralda, NV	0
Imperial County, CA	Imperial, CA	cold	Eureka, NV	0
Imperial County, CA	Imperial, CA	cold	Fresno, CA	0
Imperial County, CA	Imperial, CA	cold	Garfield, UT	0
Imperial County, CA	Imperial, CA	cold	Gila, AZ	0
Imperial County, CA	Imperial, CA	cold	Graham, AZ	0
Imperial County, CA	Imperial, CA	cold	Grand, UT	0
Imperial County, CA	Imperial, CA	cold	Grant, NM	0
Imperial County, CA	Imperial, CA	cold	Greenlee, AZ	0
Imperial County, CA	Imperial, CA	cold	Hidalgo, NM	0
Imperial County, CA	Imperial, CA	cold	Imperial, CA	100
Imperial County, CA	Imperial, CA	cold	Inyo, CA	0
Imperial County, CA	Imperial, CA	cold	Iron, UT	0
Imperial County, CA	Imperial, CA	cold	Juab, UT	0
Imperial County, CA	Imperial, CA	cold	Kane, UT	0
Imperial County, CA	Imperial, CA	cold	Kern, CA	0
Imperial County, CA	Imperial, CA	cold	Kings, CA	0
Imperial County, CA	Imperial, CA	cold	La Paz, AZ	3
Imperial County, CA	Imperial, CA	cold	Lander, NV	0
Imperial County, CA	Imperial, CA	cold	Lincoln, NV	0
Imperial County, CA	Imperial, CA	cold	Los Angeles, CA	1
Imperial County, CA	Imperial, CA	cold	Luna, NM	0
Imperial County, CA	Imperial, CA	cold	Lyon, NV	0
Imperial County, CA	Imperial, CA	cold	Madera, CA	0
Imperial County, CA	Imperial, CA	cold	Maricopa, AZ	1
Imperial County, CA	Imperial, CA	cold	McKinley, NM	0
Imperial County, CA	Imperial, CA	cold	Merced, CA	0
Imperial County, CA	Imperial, CA	cold	Mesa, CO	0
Imperial County, CA	Imperial, CA	cold	Millard, UT	0
Imperial County, CA	Imperial, CA	cold	Mineral, NV	0
Imperial County, CA	Imperial, CA	cold	Mohave, AZ	0
Imperial County, CA	Imperial, CA	cold	Mono, CA	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Imperial County, CA	Imperial, CA	cold	Monterey, CA	0
Imperial County, CA	Imperial, CA	cold	Montezuma, CO	0
Imperial County, CA	Imperial, CA	cold	Montrose, CO	0
Imperial County, CA	Imperial, CA	cold	Navajo, AZ	0
Imperial County, CA	Imperial, CA	cold	Nye, NV	0
Imperial County, CA	Imperial, CA	cold	Orange, CA	3
Imperial County, CA	Imperial, CA	cold	Pima, AZ	0
Imperial County, CA	Imperial, CA	cold	Pinal, AZ	0
Imperial County, CA	Imperial, CA	cold	Piute, UT	0
Imperial County, CA	Imperial, CA	cold	Riverside, CA	10
Imperial County, CA	Imperial, CA	cold	San Benito, CA	0
Imperial County, CA	Imperial, CA	cold	San Bernardino, CA	3
Imperial County, CA	Imperial, CA	cold	San Diego, CA	14
Imperial County, CA	Imperial, CA	cold	San Juan, NM	0
Imperial County, CA	Imperial, CA	cold	San Juan, UT	0
Imperial County, CA	Imperial, CA	cold	San Luis Obispo, CA	0
Imperial County, CA	Imperial, CA	cold	San Miguel, CO	0
Imperial County, CA	Imperial, CA	cold	Sanpete, UT	0
Imperial County, CA	Imperial, CA	cold	Santa Barbara, CA	0
Imperial County, CA	Imperial, CA	cold	Santa Cruz, AZ	0
Imperial County, CA	Imperial, CA	cold	Sevier, UT	0
Imperial County, CA	Imperial, CA	cold	Tooele, UT	0
Imperial County, CA	Imperial, CA	cold	Tulare, CA	0
Imperial County, CA	Imperial, CA	cold	Tuolumne, CA	0
Imperial County, CA	Imperial, CA	cold	Ventura, CA	0
Imperial County, CA	Imperial, CA	cold	Washington, UT	0
Imperial County, CA	Imperial, CA	cold	Wayne, UT	0
Imperial County, CA	Imperial, CA	cold	White Pine, NV	0
Imperial County, CA	Imperial, CA	cold	Yavapai, AZ	0
Imperial County, CA	Imperial, CA	cold	Yuma, AZ	5
Indianpolis, IN	Marion, IN	cold	Adams, IN	13
Indianpolis, IN	Marion, IN	cold	Allen, IN	5
Indianpolis, IN	Marion, IN	cold	Bartholomew, IN	50
Indianpolis, IN	Marion, IN	cold	Benton, IN	9
Indianpolis, IN	Marion, IN	cold	Blackford, IN	20
Indianpolis, IN	Marion, IN	cold	Boone, IN	59
Indianpolis, IN	Marion, IN	cold	Boone, KY	12
Indianpolis, IN	Marion, IN	cold	Brown, IN	57
Indianpolis, IN	Marion, IN	cold	Butler, OH	12
Indianpolis, IN	Marion, IN	cold	Carroll, IN	14
Indianpolis, IN	Marion, IN	cold	Carroll, KY	10
Indianpolis, IN	Marion, IN	cold	Cass, IN	10
Indianpolis, IN	Marion, IN	cold	Clark, IL	24
Indianpolis, IN	Marion, IN	cold	Clark, IN	7
Indianpolis, IN	Marion, IN	cold	Clay, IN	42
Indianpolis, IN	Marion, IN	cold	Clinton, IN	32
Indianpolis, IN	Marion, IN	cold	Crawford, IL	27
Indianpolis, IN	Marion, IN	cold	Crawford, IN	7
Indianpolis, IN	Marion, IN	cold	Darke, OH	16

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Indianpolis, IN	Marion, IN	cold	Daviess, IN	32
Indianpolis, IN	Marion, IN	cold	Dearborn, IN	18
Indianpolis, IN	Marion, IN	cold	Decatur, IN	39
Indianpolis, IN	Marion, IN	cold	Delaware, IN	31
Indianpolis, IN	Marion, IN	cold	Dubois, IN	17
Indianpolis, IN	Marion, IN	cold	Edgar, IL	19
Indianpolis, IN	Marion, IN	cold	Fayette, IN	30
Indianpolis, IN	Marion, IN	cold	Floyd, IN	4
Indianpolis, IN	Marion, IN	cold	Fountain, IN	22
Indianpolis, IN	Marion, IN	cold	Franklin, IN	23
Indianpolis, IN	Marion, IN	cold	Fulton, IN	6
Indianpolis, IN	Marion, IN	cold	Gallatin, KY	11
Indianpolis, IN	Marion, IN	cold	Gibson, IN	23
Indianpolis, IN	Marion, IN	cold	Grant, IN	19
Indianpolis, IN	Marion, IN	cold	Greene, IN	43
Indianpolis, IN	Marion, IN	cold	Hamilton, IN	70
Indianpolis, IN	Marion, IN	cold	Hamilton, OH	11
Indianpolis, IN	Marion, IN	cold	Hancock, IN	81
Indianpolis, IN	Marion, IN	cold	Harrison, IN	3
Indianpolis, IN	Marion, IN	cold	Hendricks, IN	80
Indianpolis, IN	Marion, IN	cold	Henry, IN	44
Indianpolis, IN	Marion, IN	cold	Howard, IN	21
Indianpolis, IN	Marion, IN	cold	Huntington, IN	9
Indianpolis, IN	Marion, IN	cold	Iroquois, IL	6
Indianpolis, IN	Marion, IN	cold	Jackson, IN	27
Indianpolis, IN	Marion, IN	cold	Jasper, IN	4
Indianpolis, IN	Marion, IN	cold	Jay, IN	20
Indianpolis, IN	Marion, IN	cold	Jefferson, IN	15
Indianpolis, IN	Marion, IN	cold	Jennings, IN	26
Indianpolis, IN	Marion, IN	cold	Johnson, IN	89
Indianpolis, IN	Marion, IN	cold	Knox, IN	30
Indianpolis, IN	Marion, IN	cold	Kosciusko, IN	3
Indianpolis, IN	Marion, IN	cold	Lawrence, IL	26
Indianpolis, IN	Marion, IN	cold	Lawrence, IN	29
Indianpolis, IN	Marion, IN	cold	Madison, IN	47
Indianpolis, IN	Marion, IN	cold	Marion, IN	100
Indianpolis, IN	Marion, IN	cold	Martin, IN	28
Indianpolis, IN	Marion, IN	cold	Mercer, OH	16
Indianpolis, IN	Marion, IN	cold	Miami, IN	10
Indianpolis, IN	Marion, IN	cold	Miami, OH	11
Indianpolis, IN	Marion, IN	cold	Monroe, IN	53
Indianpolis, IN	Marion, IN	cold	Montgomery, IN	36
Indianpolis, IN	Marion, IN	cold	Montgomery, OH	10
Indianpolis, IN	Marion, IN	cold	Morgan, IN	83
Indianpolis, IN	Marion, IN	cold	Newton, IN	4
Indianpolis, IN	Marion, IN	cold	Ohio, IN	15
Indianpolis, IN	Marion, IN	cold	Orange, IN	14
Indianpolis, IN	Marion, IN	cold	Owen, IN	55
Indianpolis, IN	Marion, IN	cold	Parke, IN	32

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Indianpolis, IN	Marion, IN	cold	Pike, IN	23
Indianpolis, IN	Marion, IN	cold	Preble, OH	15
Indianpolis, IN	Marion, IN	cold	Pulaski, IN	5
Indianpolis, IN	Marion, IN	cold	Putnam, IN	55
Indianpolis, IN	Marion, IN	cold	Randolph, IN	24
Indianpolis, IN	Marion, IN	cold	Ripley, IN	24
Indianpolis, IN	Marion, IN	cold	Rush, IN	50
Indianpolis, IN	Marion, IN	cold	Scott, IN	13
Indianpolis, IN	Marion, IN	cold	Shelby, IN	73
Indianpolis, IN	Marion, IN	cold	Shelby, OH	12
Indianpolis, IN	Marion, IN	cold	Sullivan, IN	35
Indianpolis, IN	Marion, IN	cold	Switzerland, IN	14
Indianpolis, IN	Marion, IN	cold	Tippecanoe, IN	19
Indianpolis, IN	Marion, IN	cold	Tipton, IN	38
Indianpolis, IN	Marion, IN	cold	Trimble, KY	9
Indianpolis, IN	Marion, IN	cold	Union, IN	20
Indianpolis, IN	Marion, IN	cold	Vermilion, IL	13
Indianpolis, IN	Marion, IN	cold	Vermillion, IN	23
Indianpolis, IN	Marion, IN	cold	Vigo, IN	32
Indianpolis, IN	Marion, IN	cold	Wabash, IL	21
Indianpolis, IN	Marion, IN	cold	Wabash, IN	8
Indianpolis, IN	Marion, IN	cold	Warren, IN	14
Indianpolis, IN	Marion, IN	cold	Warren, OH	7
Indianpolis, IN	Marion, IN	cold	Washington, IN	11
Indianpolis, IN	Marion, IN	cold	Wayne, IN	25
Indianpolis, IN	Marion, IN	cold	Wells, IN	12
Indianpolis, IN	Marion, IN	cold	White, IN	8
Indianpolis, IN	Marion, IN	cold	Whitley, IN	4
Indianpolis, IN	Marion, IN	warm	Adams, IN	4
Indianpolis, IN	Marion, IN	warm	Allen, IN	5
Indianpolis, IN	Marion, IN	warm	Bartholomew, IN	60
Indianpolis, IN	Marion, IN	warm	Benton, IN	3
Indianpolis, IN	Marion, IN	warm	Blackford, IN	5
Indianpolis, IN	Marion, IN	warm	Boone, IN	35
Indianpolis, IN	Marion, IN	warm	Boone, KY	37
Indianpolis, IN	Marion, IN	warm	Brown, IN	64
Indianpolis, IN	Marion, IN	warm	Butler, OH	38
Indianpolis, IN	Marion, IN	warm	Carroll, IN	8
Indianpolis, IN	Marion, IN	warm	Carroll, KY	25
Indianpolis, IN	Marion, IN	warm	Cass, IN	8
Indianpolis, IN	Marion, IN	warm	Clark, IL	8
Indianpolis, IN	Marion, IN	warm	Clark, IN	21
Indianpolis, IN	Marion, IN	warm	Clay, IN	29
Indianpolis, IN	Marion, IN	warm	Clinton, IN	14
Indianpolis, IN	Marion, IN	warm	Crawford, IL	13
Indianpolis, IN	Marion, IN	warm	Crawford, IN	26
Indianpolis, IN	Marion, IN	warm	Darke, OH	13
Indianpolis, IN	Marion, IN	warm	Daviess, IN	46
Indianpolis, IN	Marion, IN	warm	Dearborn, IN	45

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Indianpolis, IN	Marion, IN	warm	Decatur, IN	58
Indianpolis, IN	Marion, IN	warm	Delaware, IN	10
Indianpolis, IN	Marion, IN	warm	Dubois, IN	38
Indianpolis, IN	Marion, IN	warm	Edgar, IL	6
Indianpolis, IN	Marion, IN	warm	Fayette, IN	42
Indianpolis, IN	Marion, IN	warm	Floyd, IN	19
Indianpolis, IN	Marion, IN	warm	Fountain, IN	5
Indianpolis, IN	Marion, IN	warm	Franklin, IN	47
Indianpolis, IN	Marion, IN	warm	Fulton, IN	7
Indianpolis, IN	Marion, IN	warm	Gallatin, KY	29
Indianpolis, IN	Marion, IN	warm	Gibson, IN	36
Indianpolis, IN	Marion, IN	warm	Grant, IN	7
Indianpolis, IN	Marion, IN	warm	Greene, IN	46
Indianpolis, IN	Marion, IN	warm	Hamilton, IN	43
Indianpolis, IN	Marion, IN	warm	Hamilton, OH	40
Indianpolis, IN	Marion, IN	warm	Hancock, IN	74
Indianpolis, IN	Marion, IN	warm	Harrison, IN	20
Indianpolis, IN	Marion, IN	warm	Hendricks, IN	70
Indianpolis, IN	Marion, IN	warm	Henry, IN	32
Indianpolis, IN	Marion, IN	warm	Howard, IN	10
Indianpolis, IN	Marion, IN	warm	Huntington, IN	7
Indianpolis, IN	Marion, IN	warm	Iroquois, IL	2
Indianpolis, IN	Marion, IN	warm	Jackson, IN	38
Indianpolis, IN	Marion, IN	warm	Jasper, IN	3
Indianpolis, IN	Marion, IN	warm	Jay, IN	4
Indianpolis, IN	Marion, IN	warm	Jefferson, IN	29
Indianpolis, IN	Marion, IN	warm	Jennings, IN	40
Indianpolis, IN	Marion, IN	warm	Johnson, IN	100
Indianpolis, IN	Marion, IN	warm	Knox, IN	35
Indianpolis, IN	Marion, IN	warm	Kosciusko, IN	6
Indianpolis, IN	Marion, IN	warm	Lawrence, IL	20
Indianpolis, IN	Marion, IN	warm	Lawrence, IN	43
Indianpolis, IN	Marion, IN	warm	Madison, IN	22
Indianpolis, IN	Marion, IN	warm	Marion, IN	97
Indianpolis, IN	Marion, IN	warm	Martin, IN	45
Indianpolis, IN	Marion, IN	warm	Mercer, OH	5
Indianpolis, IN	Marion, IN	warm	Miami, IN	9
Indianpolis, IN	Marion, IN	warm	Miami, OH	16
Indianpolis, IN	Marion, IN	warm	Monroe, IN	59
Indianpolis, IN	Marion, IN	warm	Montgomery, IN	15
Indianpolis, IN	Marion, IN	warm	Montgomery, OH	25
Indianpolis, IN	Marion, IN	warm	Morgan, IN	86
Indianpolis, IN	Marion, IN	warm	Newton, IN	2
Indianpolis, IN	Marion, IN	warm	Ohio, IN	39
Indianpolis, IN	Marion, IN	warm	Orange, IN	33
Indianpolis, IN	Marion, IN	warm	Owen, IN	50
Indianpolis, IN	Marion, IN	warm	Parke, IN	14
Indianpolis, IN	Marion, IN	warm	Pike, IN	43
Indianpolis, IN	Marion, IN	warm	Preble, OH	27

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Indianpolis, IN	Marion, IN	warm	Pulaski, IN	4
Indianpolis, IN	Marion, IN	warm	Putnam, IN	40
Indianpolis, IN	Marion, IN	warm	Randolph, IN	11
Indianpolis, IN	Marion, IN	warm	Ripley, IN	46
Indianpolis, IN	Marion, IN	warm	Rush, IN	60
Indianpolis, IN	Marion, IN	warm	Scott, IN	25
Indianpolis, IN	Marion, IN	warm	Shelby, IN	87
Indianpolis, IN	Marion, IN	warm	Shelby, OH	10
Indianpolis, IN	Marion, IN	warm	Sullivan, IN	24
Indianpolis, IN	Marion, IN	warm	Switzerland, IN	32
Indianpolis, IN	Marion, IN	warm	Tippecanoe, IN	6
Indianpolis, IN	Marion, IN	warm	Tipton, IN	16
Indianpolis, IN	Marion, IN	warm	Trimble, KY	23
Indianpolis, IN	Marion, IN	warm	Union, IN	36
Indianpolis, IN	Marion, IN	warm	Vermilion, IL	3
Indianpolis, IN	Marion, IN	warm	Vermillion, IN	7
Indianpolis, IN	Marion, IN	warm	Vigo, IN	15
Indianpolis, IN	Marion, IN	warm	Wabash, IL	24
Indianpolis, IN	Marion, IN	warm	Wabash, IN	8
Indianpolis, IN	Marion, IN	warm	Warren, IN	3
Indianpolis, IN	Marion, IN	warm	Warren, OH	31
Indianpolis, IN	Marion, IN	warm	Washington, IN	27
Indianpolis, IN	Marion, IN	warm	Wayne, IN	26
Indianpolis, IN	Marion, IN	warm	Wells, IN	5
Indianpolis, IN	Marion, IN	warm	White, IN	4
Indianpolis, IN	Marion, IN	warm	Whitley, IN	6
Johnstown, PA	Cambria, PA	warm	Adams, PA	12
Johnstown, PA	Cambria, PA	warm	Allegany, MD	45
Johnstown, PA	Cambria, PA	warm	Allegany, NY	0
Johnstown, PA	Cambria, PA	warm	Allegheny, PA	54
Johnstown, PA	Cambria, PA	warm	Armstrong, PA	33
Johnstown, PA	Cambria, PA	warm	Ashtabula, OH	5
Johnstown, PA	Cambria, PA	warm	Augusta, VA	4
Johnstown, PA	Cambria, PA	warm	Barbour, WV	42
Johnstown, PA	Cambria, PA	warm	Beaver, PA	22
Johnstown, PA	Cambria, PA	warm	Bedford, PA	70
Johnstown, PA	Cambria, PA	warm	Belmont, OH	15
Johnstown, PA	Cambria, PA	warm	Berkeley, WV	29
Johnstown, PA	Cambria, PA	warm	Blair, PA	42
Johnstown, PA	Cambria, PA	warm	Bradford, PA	0
Johnstown, PA	Cambria, PA	warm	Brooke, WV	25
Johnstown, PA	Cambria, PA	warm	Butler, PA	22
Johnstown, PA	Cambria, PA	warm	Cambria, PA	69
Johnstown, PA	Cambria, PA	warm	Cameron, PA	5
Johnstown, PA	Cambria, PA	warm	Carroll, MD	8
Johnstown, PA	Cambria, PA	warm	Carroll, OH	6
Johnstown, PA	Cambria, PA	warm	Cattaraugus, NY	0
Johnstown, PA	Cambria, PA	warm	Centre, PA	15
Johnstown, PA	Cambria, PA	warm	Chautauqua, NY	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Johnstown, PA	Cambria, PA	warm	Chemung, NY	0
Johnstown, PA	Cambria, PA	warm	Clarion, PA	12
Johnstown, PA	Cambria, PA	warm	Clarke, VA	13
Johnstown, PA	Cambria, PA	warm	Clearfield, PA	11
Johnstown, PA	Cambria, PA	warm	Clinton, PA	8
Johnstown, PA	Cambria, PA	warm	Columbia, PA	2
Johnstown, PA	Cambria, PA	warm	Columbiana, OH	10
Johnstown, PA	Cambria, PA	warm	Crawford, PA	5
Johnstown, PA	Cambria, PA	warm	Cumberland, PA	17
Johnstown, PA	Cambria, PA	warm	Dauphin, PA	7
Johnstown, PA	Cambria, PA	warm	Doddridge, WV	42
Johnstown, PA	Cambria, PA	warm	Elk, PA	6
Johnstown, PA	Cambria, PA	warm	Erie, NY	0
Johnstown, PA	Cambria, PA	warm	Erie, PA	2
Johnstown, PA	Cambria, PA	warm	Fairfax, VA	5
Johnstown, PA	Cambria, PA	warm	Fauquier, VA	4
Johnstown, PA	Cambria, PA	warm	Fayette, PA	74
Johnstown, PA	Cambria, PA	warm	Forest, PA	6
Johnstown, PA	Cambria, PA	warm	Franklin, PA	27
Johnstown, PA	Cambria, PA	warm	Frederick, MD	14
Johnstown, PA	Cambria, PA	warm	Frederick, VA	19
Johnstown, PA	Cambria, PA	warm	Fulton, PA	44
Johnstown, PA	Cambria, PA	warm	Garrett, MD	37
Johnstown, PA	Cambria, PA	warm	Grant, WV	17
Johnstown, PA	Cambria, PA	warm	Greene, PA	53
Johnstown, PA	Cambria, PA	warm	Guernsey, OH	6
Johnstown, PA	Cambria, PA	warm	Hampshire, WV	25
Johnstown, PA	Cambria, PA	warm	Hancock, WV	20
Johnstown, PA	Cambria, PA	warm	Hardy, WV	12
Johnstown, PA	Cambria, PA	warm	Harrison, OH	8
Johnstown, PA	Cambria, PA	warm	Harrison, WV	50
Johnstown, PA	Cambria, PA	warm	Highland, VA	7
Johnstown, PA	Cambria, PA	warm	Howard, MD	7
Johnstown, PA	Cambria, PA	warm	Huntingdon, PA	30
Johnstown, PA	Cambria, PA	warm	Indiana, PA	54
Johnstown, PA	Cambria, PA	warm	Jefferson, OH	16
Johnstown, PA	Cambria, PA	warm	Jefferson, PA	11
Johnstown, PA	Cambria, PA	warm	Jefferson, WV	19
Johnstown, PA	Cambria, PA	warm	Juniata, PA	20
Johnstown, PA	Cambria, PA	warm	Lancaster, PA	3
Johnstown, PA	Cambria, PA	warm	Lawrence, PA	14
Johnstown, PA	Cambria, PA	warm	Lebanon, PA	4
Johnstown, PA	Cambria, PA	warm	Livingston, NY	0
Johnstown, PA	Cambria, PA	warm	Loudoun, VA	10
Johnstown, PA	Cambria, PA	warm	Luzerne, PA	1
Johnstown, PA	Cambria, PA	warm	Lycoming, PA	4
Johnstown, PA	Cambria, PA	warm	Mahoning, OH	7
Johnstown, PA	Cambria, PA	warm	Marion, WV	53
Johnstown, PA	Cambria, PA	warm	Marshall, WV	31

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Johnstown, PA	Cambria, PA	warm	McKean, PA	2
Johnstown, PA	Cambria, PA	warm	Mercer, PA	10
Johnstown, PA	Cambria, PA	warm	Mifflin, PA	23
Johnstown, PA	Cambria, PA	warm	Mineral, WV	28
Johnstown, PA	Cambria, PA	warm	Monongalia, WV	54
Johnstown, PA	Cambria, PA	warm	Monroe, OH	19
Johnstown, PA	Cambria, PA	warm	Montgomery, MD	8
Johnstown, PA	Cambria, PA	warm	Montour, PA	3
Johnstown, PA	Cambria, PA	warm	Morgan, WV	40
Johnstown, PA	Cambria, PA	warm	Noble, OH	10
Johnstown, PA	Cambria, PA	warm	Northumberland, PA	4
Johnstown, PA	Cambria, PA	warm	Ohio, WV	27
Johnstown, PA	Cambria, PA	warm	Ontario, NY	0
Johnstown, PA	Cambria, PA	warm	Pendleton, WV	10
Johnstown, PA	Cambria, PA	warm	Perry, PA	18
Johnstown, PA	Cambria, PA	warm	Pocahontas, WV	11
Johnstown, PA	Cambria, PA	warm	Potter, PA	2
Johnstown, PA	Cambria, PA	warm	Preston, WV	42
Johnstown, PA	Cambria, PA	warm	Prince William, VA	3
Johnstown, PA	Cambria, PA	warm	Randolph, WV	22
Johnstown, PA	Cambria, PA	warm	Rockingham, VA	4
Johnstown, PA	Cambria, PA	warm	Schuyler, NY	0
Johnstown, PA	Cambria, PA	warm	Schuylkill, PA	2
Johnstown, PA	Cambria, PA	warm	Shenandoah, VA	7
Johnstown, PA	Cambria, PA	warm	Snyder, PA	10
Johnstown, PA	Cambria, PA	warm	Somerset, PA	90
Johnstown, PA	Cambria, PA	warm	Stark, OH	2
Johnstown, PA	Cambria, PA	warm	Steuben, NY	0
Johnstown, PA	Cambria, PA	warm	Sullivan, PA	1
Johnstown, PA	Cambria, PA	warm	Susquehanna, PA	0
Johnstown, PA	Cambria, PA	warm	Taylor, WV	50
Johnstown, PA	Cambria, PA	warm	Tioga, NY	0
Johnstown, PA	Cambria, PA	warm	Tioga, PA	1
Johnstown, PA	Cambria, PA	warm	Trumbull, OH	7
Johnstown, PA	Cambria, PA	warm	Tucker, WV	26
Johnstown, PA	Cambria, PA	warm	Tyler, WV	32
Johnstown, PA	Cambria, PA	warm	Union, PA	7
Johnstown, PA	Cambria, PA	warm	Upshur, WV	36
Johnstown, PA	Cambria, PA	warm	Venango, PA	8
Johnstown, PA	Cambria, PA	warm	Warren, PA	3
Johnstown, PA	Cambria, PA	warm	Warren, VA	7
Johnstown, PA	Cambria, PA	warm	Washington, MD	27
Johnstown, PA	Cambria, PA	warm	Washington, OH	13
Johnstown, PA	Cambria, PA	warm	Washington, PA	47
Johnstown, PA	Cambria, PA	warm	Webster, WV	20
Johnstown, PA	Cambria, PA	warm	Westmoreland, PA	100
Johnstown, PA	Cambria, PA	warm	Wetzel, WV	40
Johnstown, PA	Cambria, PA	warm	Wyoming, NY	0
Johnstown, PA	Cambria, PA	warm	Wyoming, PA	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Johnstown, PA	Cambria, PA	warm	Yates, NY	0
Johnstown, PA	Cambria, PA	warm	York, PA	6
Klamath Falls, OR	Klamath, OR	cold	Ada, ID	0
Klamath Falls, OR	Klamath, OR	cold	Adams, ID	0
Klamath Falls, OR	Klamath, OR	cold	Alpine, CA	0
Klamath Falls, OR	Klamath, OR	cold	Amador, CA	0
Klamath Falls, OR	Klamath, OR	cold	Baker, OR	0
Klamath Falls, OR	Klamath, OR	cold	Benton, OR	1
Klamath Falls, OR	Klamath, OR	cold	Benton, WA	0
Klamath Falls, OR	Klamath, OR	cold	Box Elder, UT	0
Klamath Falls, OR	Klamath, OR	cold	Butte, CA	3
Klamath Falls, OR	Klamath, OR	cold	Canyon, ID	0
Klamath Falls, OR	Klamath, OR	cold	Carson, NV	0
Klamath Falls, OR	Klamath, OR	cold	Cassia, ID	0
Klamath Falls, OR	Klamath, OR	cold	Churchill, NV	0
Klamath Falls, OR	Klamath, OR	cold	Clackamas, OR	0
Klamath Falls, OR	Klamath, OR	cold	Clark, NV	0
Klamath Falls, OR	Klamath, OR	cold	Clark, WA	0
Klamath Falls, OR	Klamath, OR	cold	Clatsop, OR	0
Klamath Falls, OR	Klamath, OR	cold	Columbia, OR	0
Klamath Falls, OR	Klamath, OR	cold	Columbia, WA	0
Klamath Falls, OR	Klamath, OR	cold	Colusa, CA	0
Klamath Falls, OR	Klamath, OR	cold	Contra Costa, CA	0
Klamath Falls, OR	Klamath, OR	cold	Coos, OR	2
Klamath Falls, OR	Klamath, OR	cold	Cowlitz, WA	0
Klamath Falls, OR	Klamath, OR	cold	Crook, OR	0
Klamath Falls, OR	Klamath, OR	cold	Curry, OR	2
Klamath Falls, OR	Klamath, OR	cold	Del Norte, CA	3
Klamath Falls, OR	Klamath, OR	cold	Deschutes, OR	0
Klamath Falls, OR	Klamath, OR	cold	Douglas, NV	0
Klamath Falls, OR	Klamath, OR	cold	Douglas, OR	4
Klamath Falls, OR	Klamath, OR	cold	El Dorado, CA	0
Klamath Falls, OR	Klamath, OR	cold	Elko, NV	0
Klamath Falls, OR	Klamath, OR	cold	Elmore, ID	0
Klamath Falls, OR	Klamath, OR	cold	Esmeralda, NV	0
Klamath Falls, OR	Klamath, OR	cold	Eureka, NV	0
Klamath Falls, OR	Klamath, OR	cold	Fresno, CA	0
Klamath Falls, OR	Klamath, OR	cold	Gem, ID	0
Klamath Falls, OR	Klamath, OR	cold	Gilliam, OR	0
Klamath Falls, OR	Klamath, OR	cold	Glenn, CA	1
Klamath Falls, OR	Klamath, OR	cold	Grant, OR	0
Klamath Falls, OR	Klamath, OR	cold	Harney, OR	2
Klamath Falls, OR	Klamath, OR	cold	Hood River, OR	0
Klamath Falls, OR	Klamath, OR	cold	Humboldt, CA	0
Klamath Falls, OR	Klamath, OR	cold	Humboldt, NV	0
Klamath Falls, OR	Klamath, OR	cold	Inyo, CA	0
Klamath Falls, OR	Klamath, OR	cold	Jackson, OR	16
Klamath Falls, OR	Klamath, OR	cold	Jefferson, OR	0
Klamath Falls, OR	Klamath, OR	cold	Josephine, OR	11

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Klamath Falls, OR	Klamath, OR	cold	Klamath, OR	100
Klamath Falls, OR	Klamath, OR	cold	Klickitat, WA	0
Klamath Falls, OR	Klamath, OR	cold	Lake, CA	0
Klamath Falls, OR	Klamath, OR	cold	Lake, OR	8
Klamath Falls, OR	Klamath, OR	cold	Lander, NV	0
Klamath Falls, OR	Klamath, OR	cold	Lane, OR	1
Klamath Falls, OR	Klamath, OR	cold	Lassen, CA	4
Klamath Falls, OR	Klamath, OR	cold	Lincoln, NV	0
Klamath Falls, OR	Klamath, OR	cold	Lincoln, OR	1
Klamath Falls, OR	Klamath, OR	cold	Linn, OR	0
Klamath Falls, OR	Klamath, OR	cold	Lyon, NV	0
Klamath Falls, OR	Klamath, OR	cold	Madera, CA	1
Klamath Falls, OR	Klamath, OR	cold	Malheur, OR	0
Klamath Falls, OR	Klamath, OR	cold	Marin, CA	0
Klamath Falls, OR	Klamath, OR	cold	Marion, OR	0
Klamath Falls, OR	Klamath, OR	cold	Mendocino, CA	0
Klamath Falls, OR	Klamath, OR	cold	Mineral, NV	0
Klamath Falls, OR	Klamath, OR	cold	Modoc, CA	37
Klamath Falls, OR	Klamath, OR	cold	Mono, CA	0
Klamath Falls, OR	Klamath, OR	cold	Morrow, OR	0
Klamath Falls, OR	Klamath, OR	cold	Multnomah, OR	0
Klamath Falls, OR	Klamath, OR	cold	Napa, CA	0
Klamath Falls, OR	Klamath, OR	cold	Nevada, CA	0
Klamath Falls, OR	Klamath, OR	cold	Nye, NV	0
Klamath Falls, OR	Klamath, OR	cold	Owyhee, ID	0
Klamath Falls, OR	Klamath, OR	cold	Payette, ID	0
Klamath Falls, OR	Klamath, OR	cold	Pershing, NV	0
Klamath Falls, OR	Klamath, OR	cold	Placer, CA	0
Klamath Falls, OR	Klamath, OR	cold	Plumas, CA	0
Klamath Falls, OR	Klamath, OR	cold	Polk, OR	1
Klamath Falls, OR	Klamath, OR	cold	Sacramento, CA	0
Klamath Falls, OR	Klamath, OR	cold	San Joaquin, CA	0
Klamath Falls, OR	Klamath, OR	cold	Shasta, CA	5
Klamath Falls, OR	Klamath, OR	cold	Sherman, OR	0
Klamath Falls, OR	Klamath, OR	cold	Sierra, CA	0
Klamath Falls, OR	Klamath, OR	cold	Siskiyou, CA	40
Klamath Falls, OR	Klamath, OR	cold	Skamania, WA	0
Klamath Falls, OR	Klamath, OR	cold	Solano, CA	0
Klamath Falls, OR	Klamath, OR	cold	Sonoma, CA	0
Klamath Falls, OR	Klamath, OR	cold	Storey, NV	0
Klamath Falls, OR	Klamath, OR	cold	Sutter, CA	0
Klamath Falls, OR	Klamath, OR	cold	Tehama, CA	3
Klamath Falls, OR	Klamath, OR	cold	Tillamook, OR	0
Klamath Falls, OR	Klamath, OR	cold	Tooele, UT	0
Klamath Falls, OR	Klamath, OR	cold	Trinity, CA	1
Klamath Falls, OR	Klamath, OR	cold	Tuolumne, CA	0
Klamath Falls, OR	Klamath, OR	cold	Twin Falls, ID	0
Klamath Falls, OR	Klamath, OR	cold	Umatilla, OR	0
Klamath Falls, OR	Klamath, OR	cold	Union, OR	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Klamath Falls, OR	Klamath, OR	cold	Wahkiakum, WA	0
Klamath Falls, OR	Klamath, OR	cold	Walla Walla, WA	0
Klamath Falls, OR	Klamath, OR	cold	Wallowa, OR	0
Klamath Falls, OR	Klamath, OR	cold	Wasco, OR	0
Klamath Falls, OR	Klamath, OR	cold	Washington, ID	0
Klamath Falls, OR	Klamath, OR	cold	Washington, OR	0
Klamath Falls, OR	Klamath, OR	cold	Washoe, NV	3
Klamath Falls, OR	Klamath, OR	cold	Wheeler, OR	0
Klamath Falls, OR	Klamath, OR	cold	White Pine, NV	0
Klamath Falls, OR	Klamath, OR	cold	Yakima, WA	0
Klamath Falls, OR	Klamath, OR	cold	Yamhill, OR	0
Klamath Falls, OR	Klamath, OR	cold	Yolo, CA	0
Klamath Falls, OR	Klamath, OR	cold	Yuba, CA	1
Knoxville, TN	Knox, TN	warm	Abbeville, SC	2
Knoxville, TN	Knox, TN	warm	Adair, KY	3
Knoxville, TN	Knox, TN	warm	Anderson, SC	5
Knoxville, TN	Knox, TN	warm	Anderson, TN	83
Knoxville, TN	Knox, TN	warm	Ashe, NC	2
Knoxville, TN	Knox, TN	warm	Avery, NC	4
Knoxville, TN	Knox, TN	warm	Bell, KY	10
Knoxville, TN	Knox, TN	warm	Bledsoe, TN	36
Knoxville, TN	Knox, TN	warm	Blount, TN	82
Knoxville, TN	Knox, TN	warm	Bradley, TN	43
Knoxville, TN	Knox, TN	warm	Bristol (City), VA	3
Knoxville, TN	Knox, TN	warm	Buchanan, VA	4
Knoxville, TN	Knox, TN	warm	Buncombe, NC	7
Knoxville, TN	Knox, TN	warm	Burke, NC	7
Knoxville, TN	Knox, TN	warm	Campbell, TN	36
Knoxville, TN	Knox, TN	warm	Cannon, TN	9
Knoxville, TN	Knox, TN	warm	Carter, TN	3
Knoxville, TN	Knox, TN	warm	Casey, KY	4
Knoxville, TN	Knox, TN	warm	Catoosa, GA	27
Knoxville, TN	Knox, TN	warm	Chattooga, GA	12
Knoxville, TN	Knox, TN	warm	Cherokee, NC	27
Knoxville, TN	Knox, TN	warm	Cherokee, SC	4
Knoxville, TN	Knox, TN	warm	Claiborne, TN	21
Knoxville, TN	Knox, TN	warm	Clay, KY	4
Knoxville, TN	Knox, TN	warm	Clay, NC	15
Knoxville, TN	Knox, TN	warm	Clay, TN	6
Knoxville, TN	Knox, TN	warm	Cleveland, NC	6
Knoxville, TN	Knox, TN	warm	Clinton, KY	6
Knoxville, TN	Knox, TN	warm	Cocke, TN	20
Knoxville, TN	Knox, TN	warm	Coffee, TN	10
Knoxville, TN	Knox, TN	warm	Cumberland, KY	5
Knoxville, TN	Knox, TN	warm	Cumberland, TN	40
Knoxville, TN	Knox, TN	warm	Dade, GA	15
Knoxville, TN	Knox, TN	warm	Dawson, GA	15
Knoxville, TN	Knox, TN	warm	De Kalb, TN	9
Knoxville, TN	Knox, TN	warm	DeKalb, AL	7

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Knoxville, TN	Knox, TN	warm	Dickenson, VA	4
Knoxville, TN	Knox, TN	warm	Fannin, GA	25
Knoxville, TN	Knox, TN	warm	Fentress, TN	17
Knoxville, TN	Knox, TN	warm	Floyd, GA	9
Knoxville, TN	Knox, TN	warm	Franklin, GA	9
Knoxville, TN	Knox, TN	warm	Franklin, TN	8
Knoxville, TN	Knox, TN	warm	Gilmer, GA	22
Knoxville, TN	Knox, TN	warm	Gordon, GA	19
Knoxville, TN	Knox, TN	warm	Graham, NC	35
Knoxville, TN	Knox, TN	warm	Grainger, TN	32
Knoxville, TN	Knox, TN	warm	Grayson, VA	2
Knoxville, TN	Knox, TN	warm	Greene, TN	10
Knoxville, TN	Knox, TN	warm	Greenville, SC	6
Knoxville, TN	Knox, TN	warm	Grundy, TN	15
Knoxville, TN	Knox, TN	warm	Habersham, GA	10
Knoxville, TN	Knox, TN	warm	Hamblen, TN	23
Knoxville, TN	Knox, TN	warm	Hamilton, TN	32
Knoxville, TN	Knox, TN	warm	Hancock, TN	12
Knoxville, TN	Knox, TN	warm	Harlan, KY	7
Knoxville, TN	Knox, TN	warm	Hart, GA	7
Knoxville, TN	Knox, TN	warm	Hawkins, TN	9
Knoxville, TN	Knox, TN	warm	Haywood, NC	11
Knoxville, TN	Knox, TN	warm	Henderson, NC	7
Knoxville, TN	Knox, TN	warm	Jackson, AL	7
Knoxville, TN	Knox, TN	warm	Jackson, KY	3
Knoxville, TN	Knox, TN	warm	Jackson, NC	10
Knoxville, TN	Knox, TN	warm	Jackson, TN	6
Knoxville, TN	Knox, TN	warm	Jefferson, TN	43
Knoxville, TN	Knox, TN	warm	Johnson, TN	2
Knoxville, TN	Knox, TN	warm	Knox, KY	6
Knoxville, TN	Knox, TN	warm	Knox, TN	92
Knoxville, TN	Knox, TN	warm	Laurel, KY	4
Knoxville, TN	Knox, TN	warm	Laurens, SC	2
Knoxville, TN	Knox, TN	warm	Lee, VA	8
Knoxville, TN	Knox, TN	warm	Leslie, KY	5
Knoxville, TN	Knox, TN	warm	Letcher, KY	5
Knoxville, TN	Knox, TN	warm	Lincoln, KY	4
Knoxville, TN	Knox, TN	warm	Loudon, TN	100
Knoxville, TN	Knox, TN	warm	Lumpkin, GA	13
Knoxville, TN	Knox, TN	warm	Macon, NC	13
Knoxville, TN	Knox, TN	warm	Macon, TN	4
Knoxville, TN	Knox, TN	warm	Madison, NC	9
Knoxville, TN	Knox, TN	warm	Marion, TN	15
Knoxville, TN	Knox, TN	warm	Mc Creary, KY	9
Knoxville, TN	Knox, TN	warm	Mc Dowell, NC	6
Knoxville, TN	Knox, TN	warm	McMinn, TN	66
Knoxville, TN	Knox, TN	warm	Meigs, TN	63
Knoxville, TN	Knox, TN	warm	Mitchell, NC	4
Knoxville, TN	Knox, TN	warm	Monroe, KY	4

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Knoxville, TN	Knox, TN	warm	Monroe, TN	65
Knoxville, TN	Knox, TN	warm	Morgan, TN	51
Knoxville, TN	Knox, TN	warm	Murray, GA	28
Knoxville, TN	Knox, TN	warm	Norton, VA	4
Knoxville, TN	Knox, TN	warm	Oconee, SC	9
Knoxville, TN	Knox, TN	warm	Overton, TN	11
Knoxville, TN	Knox, TN	warm	Owsley, KY	3
Knoxville, TN	Knox, TN	warm	Perry, KY	5
Knoxville, TN	Knox, TN	warm	Pickens, SC	8
Knoxville, TN	Knox, TN	warm	Pickett, TN	9
Knoxville, TN	Knox, TN	warm	Pike, KY	5
Knoxville, TN	Knox, TN	warm	Polk, NC	7
Knoxville, TN	Knox, TN	warm	Polk, TN	42
Knoxville, TN	Knox, TN	warm	Pulaski, KY	5
Knoxville, TN	Knox, TN	warm	Putnam, TN	12
Knoxville, TN	Knox, TN	warm	Rabun, GA	10
Knoxville, TN	Knox, TN	warm	Rhea, TN	56
Knoxville, TN	Knox, TN	warm	Roane, TN	88
Knoxville, TN	Knox, TN	warm	Rockcastle, KY	4
Knoxville, TN	Knox, TN	warm	Russell, KY	5
Knoxville, TN	Knox, TN	warm	Russell, VA	3
Knoxville, TN	Knox, TN	warm	Rutherford, NC	7
Knoxville, TN	Knox, TN	warm	Scott, TN	25
Knoxville, TN	Knox, TN	warm	Scott, VA	5
Knoxville, TN	Knox, TN	warm	Sequatchie, TN	24
Knoxville, TN	Knox, TN	warm	Sevier, TN	49
Knoxville, TN	Knox, TN	warm	Smith, TN	6
Knoxville, TN	Knox, TN	warm	Smyth, VA	2
Knoxville, TN	Knox, TN	warm	Spartanburg, SC	5
Knoxville, TN	Knox, TN	warm	Stephens, GA	10
Knoxville, TN	Knox, TN	warm	Sullivan, TN	4
Knoxville, TN	Knox, TN	warm	Swain, NC	26
Knoxville, TN	Knox, TN	warm	Tazewell, VA	2
Knoxville, TN	Knox, TN	warm	Towns, GA	12
Knoxville, TN	Knox, TN	warm	Transylvania, NC	7
Knoxville, TN	Knox, TN	warm	Trousdale, TN	4
Knoxville, TN	Knox, TN	warm	Unicoi, TN	5
Knoxville, TN	Knox, TN	warm	Union, GA	15
Knoxville, TN	Knox, TN	warm	Union, TN	49
Knoxville, TN	Knox, TN	warm	Van Buren, TN	22
Knoxville, TN	Knox, TN	warm	Walker, GA	17
Knoxville, TN	Knox, TN	warm	Warren, TN	14
Knoxville, TN	Knox, TN	warm	Washington, TN	5
Knoxville, TN	Knox, TN	warm	Washington, VA	3
Knoxville, TN	Knox, TN	warm	Watauga, NC	3
Knoxville, TN	Knox, TN	warm	Wayne, KY	7
Knoxville, TN	Knox, TN	warm	White, GA	11
Knoxville, TN	Knox, TN	warm	White, TN	17
Knoxville, TN	Knox, TN	warm	Whitfield, GA	27

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Knoxville, TN	Knox, TN	warm	Whitley, KY	9
Knoxville, TN	Knox, TN	warm	Wilson, TN	5
Knoxville, TN	Knox, TN	warm	Wise, VA	5
Knoxville, TN	Knox, TN	warm	Yancey, NC	5
Lafayette, IN	Tippecanoe, IN	cold	Adams, IN	11
Lafayette, IN	Tippecanoe, IN	cold	Allen, IN	11
Lafayette, IN	Tippecanoe, IN	cold	Bartholomew, IN	28
Lafayette, IN	Tippecanoe, IN	cold	Benton, IN	83
Lafayette, IN	Tippecanoe, IN	cold	Berrien, MI	9
Lafayette, IN	Tippecanoe, IN	cold	Blackford, IN	18
Lafayette, IN	Tippecanoe, IN	cold	Boone, IN	72
Lafayette, IN	Tippecanoe, IN	cold	Brown, IN	34
Lafayette, IN	Tippecanoe, IN	cold	Carroll, IN	82
Lafayette, IN	Tippecanoe, IN	cold	Cass, IN	58
Lafayette, IN	Tippecanoe, IN	cold	Cass, MI	8
Lafayette, IN	Tippecanoe, IN	cold	Champaign, IL	41
Lafayette, IN	Tippecanoe, IN	cold	Clark, IL	39
Lafayette, IN	Tippecanoe, IN	cold	Clay, IN	49
Lafayette, IN	Tippecanoe, IN	cold	Clinton, IN	78
Lafayette, IN	Tippecanoe, IN	cold	Coles, IL	35
Lafayette, IN	Tippecanoe, IN	cold	Cook, IL	15
Lafayette, IN	Tippecanoe, IN	cold	Crawford, IL	30
Lafayette, IN	Tippecanoe, IN	cold	Cumberland, IL	30
Lafayette, IN	Tippecanoe, IN	cold	Daviess, IN	26
Lafayette, IN	Tippecanoe, IN	cold	De Witt, IL	24
Lafayette, IN	Tippecanoe, IN	cold	Decatur, IN	22
Lafayette, IN	Tippecanoe, IN	cold	Delaware, IN	20
Lafayette, IN	Tippecanoe, IN	cold	Douglas, IL	38
Lafayette, IN	Tippecanoe, IN	cold	DuPage, IL	14
Lafayette, IN	Tippecanoe, IN	cold	Edgar, IL	51
Lafayette, IN	Tippecanoe, IN	cold	Elkhart, IN	12
Lafayette, IN	Tippecanoe, IN	cold	Fayette, IN	19
Lafayette, IN	Tippecanoe, IN	cold	Ford, IL	35
Lafayette, IN	Tippecanoe, IN	cold	Fountain, IN	90
Lafayette, IN	Tippecanoe, IN	cold	Franklin, IN	17
Lafayette, IN	Tippecanoe, IN	cold	Fulton, IN	39
Lafayette, IN	Tippecanoe, IN	cold	Grant, IN	27
Lafayette, IN	Tippecanoe, IN	cold	Greene, IN	36
Lafayette, IN	Tippecanoe, IN	cold	Grundy, IL	22
Lafayette, IN	Tippecanoe, IN	cold	Hamilton, IN	45
Lafayette, IN	Tippecanoe, IN	cold	Hancock, IN	32
Lafayette, IN	Tippecanoe, IN	cold	Hendricks, IN	61
Lafayette, IN	Tippecanoe, IN	cold	Henry, IN	22
Lafayette, IN	Tippecanoe, IN	cold	Howard, IN	52
Lafayette, IN	Tippecanoe, IN	cold	Huntington, IN	19
Lafayette, IN	Tippecanoe, IN	cold	Iroquois, IL	48
Lafayette, IN	Tippecanoe, IN	cold	Jackson, IN	25
Lafayette, IN	Tippecanoe, IN	cold	Jasper, IL	27
Lafayette, IN	Tippecanoe, IN	cold	Jasper, IN	55

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Lafayette, IN	Tippecanoe, IN	cold	Jay, IN	12
Lafayette, IN	Tippecanoe, IN	cold	Johnson, IN	38
Lafayette, IN	Tippecanoe, IN	cold	Kane, IL	13
Lafayette, IN	Tippecanoe, IN	cold	Kankakee, IL	33
Lafayette, IN	Tippecanoe, IN	cold	Kendall, IL	18
Lafayette, IN	Tippecanoe, IN	cold	Knox, IN	25
Lafayette, IN	Tippecanoe, IN	cold	Kosciusko, IN	20
Lafayette, IN	Tippecanoe, IN	cold	La Salle, IL	18
Lafayette, IN	Tippecanoe, IN	cold	Lagrange, IN	8
Lafayette, IN	Tippecanoe, IN	cold	Lake, IL	7
Lafayette, IN	Tippecanoe, IN	cold	Lake, IN	29
Lafayette, IN	Tippecanoe, IN	cold	LaPorte, IN	22
Lafayette, IN	Tippecanoe, IN	cold	Lawrence, IN	28
Lafayette, IN	Tippecanoe, IN	cold	Livingston, IL	25
Lafayette, IN	Tippecanoe, IN	cold	Logan, IL	19
Lafayette, IN	Tippecanoe, IN	cold	Macon, IL	23
Lafayette, IN	Tippecanoe, IN	cold	Madison, IN	30
Lafayette, IN	Tippecanoe, IN	cold	Marion, IN	46
Lafayette, IN	Tippecanoe, IN	cold	Marshall, IN	25
Lafayette, IN	Tippecanoe, IN	cold	Martin, IN	26
Lafayette, IN	Tippecanoe, IN	cold	McHenry, IL	8
Lafayette, IN	Tippecanoe, IN	cold	McLean, IL	23
Lafayette, IN	Tippecanoe, IN	cold	Miami, IN	40
Lafayette, IN	Tippecanoe, IN	cold	Monroe, IN	38
Lafayette, IN	Tippecanoe, IN	cold	Montgomery, IN	89
Lafayette, IN	Tippecanoe, IN	cold	Morgan, IN	46
Lafayette, IN	Tippecanoe, IN	cold	Moultrie, IL	28
Lafayette, IN	Tippecanoe, IN	cold	Newton, IN	56
Lafayette, IN	Tippecanoe, IN	cold	Noble, IN	11
Lafayette, IN	Tippecanoe, IN	cold	Owen, IN	46
Lafayette, IN	Tippecanoe, IN	cold	Parke, IN	71
Lafayette, IN	Tippecanoe, IN	cold	Piatt, IL	29
Lafayette, IN	Tippecanoe, IN	cold	Porter, IN	26
Lafayette, IN	Tippecanoe, IN	cold	Pulaski, IN	52
Lafayette, IN	Tippecanoe, IN	cold	Putnam, IN	64
Lafayette, IN	Tippecanoe, IN	cold	Randolph, IN	14
Lafayette, IN	Tippecanoe, IN	cold	Rush, IN	24
Lafayette, IN	Tippecanoe, IN	cold	Shelby, IL	25
Lafayette, IN	Tippecanoe, IN	cold	Shelby, IN	30
Lafayette, IN	Tippecanoe, IN	cold	St. Joseph, IN	15
Lafayette, IN	Tippecanoe, IN	cold	St. Joseph, MI	6
Lafayette, IN	Tippecanoe, IN	cold	Starke, IN	33
Lafayette, IN	Tippecanoe, IN	cold	Sullivan, IN	36
Lafayette, IN	Tippecanoe, IN	cold	Tazewell, IL	17
Lafayette, IN	Tippecanoe, IN	cold	Tippecanoe, IN	100
Lafayette, IN	Tippecanoe, IN	cold	Tipton, IN	48
Lafayette, IN	Tippecanoe, IN	cold	Van Buren, MI	5
Lafayette, IN	Tippecanoe, IN	cold	Vermilion, IL	64
Lafayette, IN	Tippecanoe, IN	cold	Vermillion, IN	68

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Lafayette, IN	Tippecanoe, IN	cold	Vigo, IN	49
Lafayette, IN	Tippecanoe, IN	cold	Wabash, IN	28
Lafayette, IN	Tippecanoe, IN	cold	Warren, IN	88
Lafayette, IN	Tippecanoe, IN	cold	Wayne, IN	16
Lafayette, IN	Tippecanoe, IN	cold	Wells, IN	14
Lafayette, IN	Tippecanoe, IN	cold	White, IN	80
Lafayette, IN	Tippecanoe, IN	cold	Whitley, IN	16
Lafayette, IN	Tippecanoe, IN	cold	Will, IL	23
Lafayette, IN	Tippecanoe, IN	cold	Woodford, IL	19
Lafayette, IN	Tippecanoe, IN	warm	Adams, IN	18
Lafayette, IN	Tippecanoe, IN	warm	Allen, IN	8
Lafayette, IN	Tippecanoe, IN	warm	Bartholomew, IN	53
Lafayette, IN	Tippecanoe, IN	warm	Benton, IN	48
Lafayette, IN	Tippecanoe, IN	warm	Berrien, MI	1
Lafayette, IN	Tippecanoe, IN	warm	Blackford, IN	33
Lafayette, IN	Tippecanoe, IN	warm	Boone, IN	98
Lafayette, IN	Tippecanoe, IN	warm	Brown, IN	58
Lafayette, IN	Tippecanoe, IN	warm	Carroll, IN	66
Lafayette, IN	Tippecanoe, IN	warm	Cass, IN	36
Lafayette, IN	Tippecanoe, IN	warm	Cass, MI	1
Lafayette, IN	Tippecanoe, IN	warm	Champaign, IL	18
Lafayette, IN	Tippecanoe, IN	warm	Clark, IL	29
Lafayette, IN	Tippecanoe, IN	warm	Clay, IN	53
Lafayette, IN	Tippecanoe, IN	warm	Clinton, IN	91
Lafayette, IN	Tippecanoe, IN	warm	Coles, IL	18
Lafayette, IN	Tippecanoe, IN	warm	Cook, IL	1
Lafayette, IN	Tippecanoe, IN	warm	Crawford, IL	28
Lafayette, IN	Tippecanoe, IN	warm	Cumberland, IL	19
Lafayette, IN	Tippecanoe, IN	warm	Daviess, IN	35
Lafayette, IN	Tippecanoe, IN	warm	De Witt, IL	12
Lafayette, IN	Tippecanoe, IN	warm	Decatur, IN	48
Lafayette, IN	Tippecanoe, IN	warm	Delaware, IN	46
Lafayette, IN	Tippecanoe, IN	warm	Douglas, IL	18
Lafayette, IN	Tippecanoe, IN	warm	DuPage, IL	1
Lafayette, IN	Tippecanoe, IN	warm	Edgar, IL	33
Lafayette, IN	Tippecanoe, IN	warm	Elkhart, IN	2
Lafayette, IN	Tippecanoe, IN	warm	Fayette, IN	47
Lafayette, IN	Tippecanoe, IN	warm	Ford, IL	12
Lafayette, IN	Tippecanoe, IN	warm	Fountain, IN	79
Lafayette, IN	Tippecanoe, IN	warm	Franklin, IN	40
Lafayette, IN	Tippecanoe, IN	warm	Fulton, IN	11
Lafayette, IN	Tippecanoe, IN	warm	Grant, IN	34
Lafayette, IN	Tippecanoe, IN	warm	Greene, IN	46
Lafayette, IN	Tippecanoe, IN	warm	Grundy, IL	2
Lafayette, IN	Tippecanoe, IN	warm	Hamilton, IN	75
Lafayette, IN	Tippecanoe, IN	warm	Hancock, IN	67
Lafayette, IN	Tippecanoe, IN	warm	Hendricks, IN	88
Lafayette, IN	Tippecanoe, IN	warm	Henry, IN	54
Lafayette, IN	Tippecanoe, IN	warm	Howard, IN	54

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Lafayette, IN	Tippecanoe, IN	warm	Huntington, IN	15
Lafayette, IN	Tippecanoe, IN	warm	Iroquois, IL	16
Lafayette, IN	Tippecanoe, IN	warm	Jackson, IN	42
Lafayette, IN	Tippecanoe, IN	warm	Jasper, IL	21
Lafayette, IN	Tippecanoe, IN	warm	Jasper, IN	16
Lafayette, IN	Tippecanoe, IN	warm	Jay, IN	32
Lafayette, IN	Tippecanoe, IN	warm	Johnson, IN	69
Lafayette, IN	Tippecanoe, IN	warm	Kane, IL	0
Lafayette, IN	Tippecanoe, IN	warm	Kankakee, IL	4
Lafayette, IN	Tippecanoe, IN	warm	Kendall, IL	1
Lafayette, IN	Tippecanoe, IN	warm	Knox, IN	30
Lafayette, IN	Tippecanoe, IN	warm	Kosciusko, IN	4
Lafayette, IN	Tippecanoe, IN	warm	La Salle, IL	1
Lafayette, IN	Tippecanoe, IN	warm	Lagrange, IN	2
Lafayette, IN	Tippecanoe, IN	warm	Lake, IL	0
Lafayette, IN	Tippecanoe, IN	warm	Lake, IN	3
Lafayette, IN	Tippecanoe, IN	warm	LaPorte, IN	2
Lafayette, IN	Tippecanoe, IN	warm	Lawrence, IN	41
Lafayette, IN	Tippecanoe, IN	warm	Livingston, IL	5
Lafayette, IN	Tippecanoe, IN	warm	Logan, IL	11
Lafayette, IN	Tippecanoe, IN	warm	Macon, IL	11
Lafayette, IN	Tippecanoe, IN	warm	Madison, IN	56
Lafayette, IN	Tippecanoe, IN	warm	Marion, IN	79
Lafayette, IN	Tippecanoe, IN	warm	Marshall, IN	3
Lafayette, IN	Tippecanoe, IN	warm	Martin, IN	35
Lafayette, IN	Tippecanoe, IN	warm	McHenry, IL	0
Lafayette, IN	Tippecanoe, IN	warm	McLean, IL	10
Lafayette, IN	Tippecanoe, IN	warm	Miami, IN	25
Lafayette, IN	Tippecanoe, IN	warm	Monroe, IN	56
Lafayette, IN	Tippecanoe, IN	warm	Montgomery, IN	100
Lafayette, IN	Tippecanoe, IN	warm	Morgan, IN	72
Lafayette, IN	Tippecanoe, IN	warm	Moultrie, IL	13
Lafayette, IN	Tippecanoe, IN	warm	Newton, IN	16
Lafayette, IN	Tippecanoe, IN	warm	Noble, IN	3
Lafayette, IN	Tippecanoe, IN	warm	Owen, IN	59
Lafayette, IN	Tippecanoe, IN	warm	Parke, IN	68
Lafayette, IN	Tippecanoe, IN	warm	Piatt, IL	13
Lafayette, IN	Tippecanoe, IN	warm	Porter, IN	2
Lafayette, IN	Tippecanoe, IN	warm	Pulaski, IN	15
Lafayette, IN	Tippecanoe, IN	warm	Putnam, IN	78
Lafayette, IN	Tippecanoe, IN	warm	Randolph, IN	43
Lafayette, IN	Tippecanoe, IN	warm	Rush, IN	55
Lafayette, IN	Tippecanoe, IN	warm	Shelby, IL	12
Lafayette, IN	Tippecanoe, IN	warm	Shelby, IN	62
Lafayette, IN	Tippecanoe, IN	warm	St. Joseph, IN	1
Lafayette, IN	Tippecanoe, IN	warm	St. Joseph, MI	2
Lafayette, IN	Tippecanoe, IN	warm	Starke, IN	5
Lafayette, IN	Tippecanoe, IN	warm	Sullivan, IN	38
Lafayette, IN	Tippecanoe, IN	warm	Tazewell, IL	8

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Lafayette, IN	Tippecanoe, IN	warm	Tippecanoe, IN	93
Lafayette, IN	Tippecanoe, IN	warm	Tipton, IN	65
Lafayette, IN	Tippecanoe, IN	warm	Van Buren, MI	1
Lafayette, IN	Tippecanoe, IN	warm	Vermilion, IL	36
Lafayette, IN	Tippecanoe, IN	warm	Vermillion, IN	52
Lafayette, IN	Tippecanoe, IN	warm	Vigo, IN	44
Lafayette, IN	Tippecanoe, IN	warm	Wabash, IN	16
Lafayette, IN	Tippecanoe, IN	warm	Warren, IN	63
Lafayette, IN	Tippecanoe, IN	warm	Wayne, IN	45
Lafayette, IN	Tippecanoe, IN	warm	Wells, IN	19
Lafayette, IN	Tippecanoe, IN	warm	White, IN	46
Lafayette, IN	Tippecanoe, IN	warm	Whitley, IN	5
Lafayette, IN	Tippecanoe, IN	warm	Will, IL	2
Lafayette, IN	Tippecanoe, IN	warm	Woodford, IL	5
Lancaster, PA	Lancaster, PA	cold	Adams, PA	47
Lancaster, PA	Lancaster, PA	cold	Alexandria (City), VA	29
Lancaster, PA	Lancaster, PA	cold	Allegany, MD	10
Lancaster, PA	Lancaster, PA	cold	Allegany, NY	1
Lancaster, PA	Lancaster, PA	cold	Anne Arundel, MD	35
Lancaster, PA	Lancaster, PA	cold	Arlington, VA	31
Lancaster, PA	Lancaster, PA	cold	Atlantic, NJ	7
Lancaster, PA	Lancaster, PA	cold	Baltimore (City), MD	48
Lancaster, PA	Lancaster, PA	cold	Baltimore, MD	57
Lancaster, PA	Lancaster, PA	cold	Bedford, PA	13
Lancaster, PA	Lancaster, PA	cold	Berkeley, WV	21
Lancaster, PA	Lancaster, PA	cold	Berks, PA	41
Lancaster, PA	Lancaster, PA	cold	Blair, PA	10
Lancaster, PA	Lancaster, PA	cold	Bradford, PA	1
Lancaster, PA	Lancaster, PA	cold	Bucks, PA	15
Lancaster, PA	Lancaster, PA	cold	Burlington, NJ	8
Lancaster, PA	Lancaster, PA	cold	Calvert, MD	23
Lancaster, PA	Lancaster, PA	cold	Cambria, PA	9
Lancaster, PA	Lancaster, PA	cold	Camden, NJ	11
Lancaster, PA	Lancaster, PA	cold	Cameron, PA	4
Lancaster, PA	Lancaster, PA	cold	Cape May, NJ	7
Lancaster, PA	Lancaster, PA	cold	Carbon, PA	5
Lancaster, PA	Lancaster, PA	cold	Caroline, MD	22
Lancaster, PA	Lancaster, PA	cold	Carroll, MD	49
Lancaster, PA	Lancaster, PA	cold	Cecil, MD	60
Lancaster, PA	Lancaster, PA	cold	Centre, PA	13
Lancaster, PA	Lancaster, PA	cold	Charles, MD	21
Lancaster, PA	Lancaster, PA	cold	Chemung, NY	0
Lancaster, PA	Lancaster, PA	cold	Chester, PA	61
Lancaster, PA	Lancaster, PA	cold	Clarke, VA	17
Lancaster, PA	Lancaster, PA	cold	Clearfield, PA	8
Lancaster, PA	Lancaster, PA	cold	Clinton, PA	8
Lancaster, PA	Lancaster, PA	cold	Columbia, PA	9
Lancaster, PA	Lancaster, PA	cold	Cumberland, NJ	14
Lancaster, PA	Lancaster, PA	cold	Cumberland, PA	40

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Lancaster, PA	Lancaster, PA	cold	Dauphin, PA	54
Lancaster, PA	Lancaster, PA	cold	Delaware, PA	31
Lancaster, PA	Lancaster, PA	cold	District of Columbia, DC	31
Lancaster, PA	Lancaster, PA	cold	Dorchester, MD	18
Lancaster, PA	Lancaster, PA	cold	Fairfax (City), VA	29
Lancaster, PA	Lancaster, PA	cold	Fairfax, VA	28
Lancaster, PA	Lancaster, PA	cold	Fauquier, VA	18
Lancaster, PA	Lancaster, PA	cold	Franklin, PA	27
Lancaster, PA	Lancaster, PA	cold	Frederick, MD	34
Lancaster, PA	Lancaster, PA	cold	Fulton, PA	21
Lancaster, PA	Lancaster, PA	cold	Gloucester, NJ	17
Lancaster, PA	Lancaster, PA	cold	Harford, MD	71
Lancaster, PA	Lancaster, PA	cold	Howard, MD	40
Lancaster, PA	Lancaster, PA	cold	Hunterdon, NJ	11
Lancaster, PA	Lancaster, PA	cold	Huntingdon, PA	15
Lancaster, PA	Lancaster, PA	cold	Jefferson, WV	22
Lancaster, PA	Lancaster, PA	cold	Juniata, PA	24
Lancaster, PA	Lancaster, PA	cold	Kent, DE	23
Lancaster, PA	Lancaster, PA	cold	Kent, MD	42
Lancaster, PA	Lancaster, PA	cold	Lackawanna, PA	2
Lancaster, PA	Lancaster, PA	cold	Lancaster, PA	100
Lancaster, PA	Lancaster, PA	cold	Lebanon, PA	68
Lancaster, PA	Lancaster, PA	cold	Lehigh, PA	14
Lancaster, PA	Lancaster, PA	cold	Loudoun, VA	25
Lancaster, PA	Lancaster, PA	cold	Luzerne, PA	3
Lancaster, PA	Lancaster, PA	cold	Lycoming, PA	6
Lancaster, PA	Lancaster, PA	cold	McKean, PA	2
Lancaster, PA	Lancaster, PA	cold	Mercer, NJ	9
Lancaster, PA	Lancaster, PA	cold	Middlesex, NJ	7
Lancaster, PA	Lancaster, PA	cold	Mifflin, PA	19
Lancaster, PA	Lancaster, PA	cold	Monmouth, NJ	5
Lancaster, PA	Lancaster, PA	cold	Monroe, PA	4
Lancaster, PA	Lancaster, PA	cold	Montgomery, MD	34
Lancaster, PA	Lancaster, PA	cold	Montgomery, PA	25
Lancaster, PA	Lancaster, PA	cold	Montour, PA	13
Lancaster, PA	Lancaster, PA	cold	Morgan, WV	19
Lancaster, PA	Lancaster, PA	cold	Morris, NJ	7
Lancaster, PA	Lancaster, PA	cold	New Castle, DE	39
Lancaster, PA	Lancaster, PA	cold	Northampton, PA	9
Lancaster, PA	Lancaster, PA	cold	Northumberland, PA	22
Lancaster, PA	Lancaster, PA	cold	Ocean, NJ	5
Lancaster, PA	Lancaster, PA	cold	Perry, PA	32
Lancaster, PA	Lancaster, PA	cold	Philadelphia, PA	17
Lancaster, PA	Lancaster, PA	cold	Pike, PA	4
Lancaster, PA	Lancaster, PA	cold	Potter, PA	2
Lancaster, PA	Lancaster, PA	cold	Prince George's, MD	29
Lancaster, PA	Lancaster, PA	cold	Prince William, VA	23
Lancaster, PA	Lancaster, PA	cold	Queen Anne's, MD	32
Lancaster, PA	Lancaster, PA	cold	Salem, NJ	23

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Lancaster, PA	Lancaster, PA	cold	Schuylkill, PA	22
Lancaster, PA	Lancaster, PA	cold	Snyder, PA	24
Lancaster, PA	Lancaster, PA	cold	Somerset, NJ	9
Lancaster, PA	Lancaster, PA	cold	Somerset, PA	7
Lancaster, PA	Lancaster, PA	cold	Steuben, NY	0
Lancaster, PA	Lancaster, PA	cold	Sullivan, PA	3
Lancaster, PA	Lancaster, PA	cold	Susquehanna, PA	2
Lancaster, PA	Lancaster, PA	cold	Sussex, DE	12
Lancaster, PA	Lancaster, PA	cold	Sussex, NJ	6
Lancaster, PA	Lancaster, PA	cold	Talbot, MD	24
Lancaster, PA	Lancaster, PA	cold	Tioga, NY	0
Lancaster, PA	Lancaster, PA	cold	Tioga, PA	1
Lancaster, PA	Lancaster, PA	cold	Union, PA	17
Lancaster, PA	Lancaster, PA	cold	Warren, NJ	7
Lancaster, PA	Lancaster, PA	cold	Washington, MD	27
Lancaster, PA	Lancaster, PA	cold	Wayne, PA	3
Lancaster, PA	Lancaster, PA	cold	Wicomico, MD	11
Lancaster, PA	Lancaster, PA	cold	Worcester, MD	7
Lancaster, PA	Lancaster, PA	cold	Wyoming, PA	1
Lancaster, PA	Lancaster, PA	cold	York, PA	85
Lancaster, PA	Lancaster, PA	warm	Adams, PA	84
Lancaster, PA	Lancaster, PA	warm	Alexandria (City), VA	54
Lancaster, PA	Lancaster, PA	warm	Allegany, MD	21
Lancaster, PA	Lancaster, PA	warm	Allegany, NY	6
Lancaster, PA	Lancaster, PA	warm	Anne Arundel, MD	65
Lancaster, PA	Lancaster, PA	warm	Arlington, VA	56
Lancaster, PA	Lancaster, PA	warm	Atlantic, NJ	9
Lancaster, PA	Lancaster, PA	warm	Baltimore (City), MD	82
Lancaster, PA	Lancaster, PA	warm	Baltimore, MD	90
Lancaster, PA	Lancaster, PA	warm	Bedford, PA	24
Lancaster, PA	Lancaster, PA	warm	Berkeley, WV	38
Lancaster, PA	Lancaster, PA	warm	Berks, PA	44
Lancaster, PA	Lancaster, PA	warm	Blair, PA	19
Lancaster, PA	Lancaster, PA	warm	Bradford, PA	5
Lancaster, PA	Lancaster, PA	warm	Bucks, PA	14
Lancaster, PA	Lancaster, PA	warm	Burlington, NJ	9
Lancaster, PA	Lancaster, PA	warm	Calvert, MD	50
Lancaster, PA	Lancaster, PA	warm	Cambria, PA	14
Lancaster, PA	Lancaster, PA	warm	Camden, NJ	18
Lancaster, PA	Lancaster, PA	warm	Cameron, PA	12
Lancaster, PA	Lancaster, PA	warm	Cape May, NJ	10
Lancaster, PA	Lancaster, PA	warm	Carbon, PA	9
Lancaster, PA	Lancaster, PA	warm	Caroline, MD	39
Lancaster, PA	Lancaster, PA	warm	Carroll, MD	88
Lancaster, PA	Lancaster, PA	warm	Cecil, MD	73
Lancaster, PA	Lancaster, PA	warm	Centre, PA	18
Lancaster, PA	Lancaster, PA	warm	Charles, MD	47
Lancaster, PA	Lancaster, PA	warm	Chemung, NY	4
Lancaster, PA	Lancaster, PA	warm	Chester, PA	62

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Lancaster, PA	Lancaster, PA	warm	Clarke, VA	33
Lancaster, PA	Lancaster, PA	warm	Clearfield, PA	12
Lancaster, PA	Lancaster, PA	warm	Clinton, PA	13
Lancaster, PA	Lancaster, PA	warm	Columbia, PA	13
Lancaster, PA	Lancaster, PA	warm	Cumberland, NJ	21
Lancaster, PA	Lancaster, PA	warm	Cumberland, PA	71
Lancaster, PA	Lancaster, PA	warm	Dauphin, PA	64
Lancaster, PA	Lancaster, PA	warm	Delaware, PA	41
Lancaster, PA	Lancaster, PA	warm	District of Columbia, DC	58
Lancaster, PA	Lancaster, PA	warm	Dorchester, MD	38
Lancaster, PA	Lancaster, PA	warm	Fairfax (City), VA	50
Lancaster, PA	Lancaster, PA	warm	Fairfax, VA	49
Lancaster, PA	Lancaster, PA	warm	Fauquier, VA	32
Lancaster, PA	Lancaster, PA	warm	Franklin, PA	54
Lancaster, PA	Lancaster, PA	warm	Frederick, MD	67
Lancaster, PA	Lancaster, PA	warm	Fulton, PA	36
Lancaster, PA	Lancaster, PA	warm	Gloucester, NJ	26
Lancaster, PA	Lancaster, PA	warm	Harford, MD	91
Lancaster, PA	Lancaster, PA	warm	Howard, MD	75
Lancaster, PA	Lancaster, PA	warm	Hunterdon, NJ	6
Lancaster, PA	Lancaster, PA	warm	Huntingdon, PA	29
Lancaster, PA	Lancaster, PA	warm	Jefferson, WV	42
Lancaster, PA	Lancaster, PA	warm	Juniata, PA	40
Lancaster, PA	Lancaster, PA	warm	Kent, DE	34
Lancaster, PA	Lancaster, PA	warm	Kent, MD	62
Lancaster, PA	Lancaster, PA	warm	Lackawanna, PA	3
Lancaster, PA	Lancaster, PA	warm	Lancaster, PA	88
Lancaster, PA	Lancaster, PA	warm	Lebanon, PA	68
Lancaster, PA	Lancaster, PA	warm	Lehigh, PA	18
Lancaster, PA	Lancaster, PA	warm	Loudoun, VA	45
Lancaster, PA	Lancaster, PA	warm	Luzerne, PA	7
Lancaster, PA	Lancaster, PA	warm	Lycoming, PA	10
Lancaster, PA	Lancaster, PA	warm	McKean, PA	11
Lancaster, PA	Lancaster, PA	warm	Mercer, NJ	7
Lancaster, PA	Lancaster, PA	warm	Middlesex, NJ	3
Lancaster, PA	Lancaster, PA	warm	Mifflin, PA	31
Lancaster, PA	Lancaster, PA	warm	Monmouth, NJ	3
Lancaster, PA	Lancaster, PA	warm	Monroe, PA	4
Lancaster, PA	Lancaster, PA	warm	Montgomery, MD	62
Lancaster, PA	Lancaster, PA	warm	Montgomery, PA	29
Lancaster, PA	Lancaster, PA	warm	Montour, PA	16
Lancaster, PA	Lancaster, PA	warm	Morgan, WV	32
Lancaster, PA	Lancaster, PA	warm	Morris, NJ	1
Lancaster, PA	Lancaster, PA	warm	New Castle, DE	53
Lancaster, PA	Lancaster, PA	warm	Northampton, PA	8
Lancaster, PA	Lancaster, PA	warm	Northumberland, PA	27
Lancaster, PA	Lancaster, PA	warm	Ocean, NJ	4
Lancaster, PA	Lancaster, PA	warm	Perry, PA	54
Lancaster, PA	Lancaster, PA	warm	Philadelphia, PA	24

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Lancaster, PA	Lancaster, PA	warm	Pike, PA	2
Lancaster, PA	Lancaster, PA	warm	Potter, PA	9
Lancaster, PA	Lancaster, PA	warm	Prince George's, MD	57
Lancaster, PA	Lancaster, PA	warm	Prince William, VA	41
Lancaster, PA	Lancaster, PA	warm	Queen Anne's, MD	53
Lancaster, PA	Lancaster, PA	warm	Salem, NJ	35
Lancaster, PA	Lancaster, PA	warm	Schuylkill, PA	30
Lancaster, PA	Lancaster, PA	warm	Snyder, PA	30
Lancaster, PA	Lancaster, PA	warm	Somerset, NJ	3
Lancaster, PA	Lancaster, PA	warm	Somerset, PA	15
Lancaster, PA	Lancaster, PA	warm	Steuben, NY	4
Lancaster, PA	Lancaster, PA	warm	Sullivan, PA	6
Lancaster, PA	Lancaster, PA	warm	Susquehanna, PA	4
Lancaster, PA	Lancaster, PA	warm	Sussex, DE	21
Lancaster, PA	Lancaster, PA	warm	Sussex, NJ	1
Lancaster, PA	Lancaster, PA	warm	Talbot, MD	45
Lancaster, PA	Lancaster, PA	warm	Tioga, NY	4
Lancaster, PA	Lancaster, PA	warm	Tioga, PA	7
Lancaster, PA	Lancaster, PA	warm	Union, PA	19
Lancaster, PA	Lancaster, PA	warm	Warren, NJ	3
Lancaster, PA	Lancaster, PA	warm	Washington, MD	50
Lancaster, PA	Lancaster, PA	warm	Wayne, PA	3
Lancaster, PA	Lancaster, PA	warm	Wicomico, MD	26
Lancaster, PA	Lancaster, PA	warm	Worcester, MD	18
Lancaster, PA	Lancaster, PA	warm	Wyoming, PA	4
Lancaster, PA	Lancaster, PA	warm	York, PA	100
Libby, MT	Lincoln, MT	cold	Adams, ID	6
Libby, MT	Lincoln, MT	cold	Adams, WA	6
Libby, MT	Lincoln, MT	cold	Asotin, WA	15
Libby, MT	Lincoln, MT	cold	Baker, OR	3
Libby, MT	Lincoln, MT	cold	Beaverhead, MT	0
Libby, MT	Lincoln, MT	cold	Benewah, ID	78
Libby, MT	Lincoln, MT	cold	Benton, WA	2
Libby, MT	Lincoln, MT	cold	Blaine, MT	0
Libby, MT	Lincoln, MT	cold	Boise, ID	5
Libby, MT	Lincoln, MT	cold	Bonner, ID	92
Libby, MT	Lincoln, MT	cold	Boundary, ID	27
Libby, MT	Lincoln, MT	cold	Broadwater, MT	0
Libby, MT	Lincoln, MT	cold	Butte, ID	0
Libby, MT	Lincoln, MT	cold	Carbon, MT	0
Libby, MT	Lincoln, MT	cold	Cascade, MT	0
Libby, MT	Lincoln, MT	cold	Chelan, WA	0
Libby, MT	Lincoln, MT	cold	Chouteau, MT	0
Libby, MT	Lincoln, MT	cold	Clark, ID	0
Libby, MT	Lincoln, MT	cold	Clearwater, ID	44
Libby, MT	Lincoln, MT	cold	Columbia, WA	16
Libby, MT	Lincoln, MT	cold	Custer, ID	0
Libby, MT	Lincoln, MT	cold	Deer Lodge, MT	1
Libby, MT	Lincoln, MT	cold	Douglas, WA	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Libby, MT	Lincoln, MT	cold	Fergus, MT	0
Libby, MT	Lincoln, MT	cold	Ferry, WA	3
Libby, MT	Lincoln, MT	cold	Flathead, MT	27
Libby, MT	Lincoln, MT	cold	Franklin, WA	5
Libby, MT	Lincoln, MT	cold	Fremont, ID	0
Libby, MT	Lincoln, MT	cold	Gallatin, MT	0
Libby, MT	Lincoln, MT	cold	Garfield, WA	22
Libby, MT	Lincoln, MT	cold	Gem, ID	10
Libby, MT	Lincoln, MT	cold	Glacier, MT	1
Libby, MT	Lincoln, MT	cold	Golden Valley, MT	0
Libby, MT	Lincoln, MT	cold	Granite, MT	2
Libby, MT	Lincoln, MT	cold	Grant, WA	2
Libby, MT	Lincoln, MT	cold	Hill, MT	0
Libby, MT	Lincoln, MT	cold	Idaho, ID	13
Libby, MT	Lincoln, MT	cold	Jefferson, MT	1
Libby, MT	Lincoln, MT	cold	Judith Basin, MT	0
Libby, MT	Lincoln, MT	cold	Kittitas, WA	1
Libby, MT	Lincoln, MT	cold	Kootenai, ID	100
Libby, MT	Lincoln, MT	cold	Lake, MT	25
Libby, MT	Lincoln, MT	cold	Latah, ID	63
Libby, MT	Lincoln, MT	cold	Lemhi, ID	0
Libby, MT	Lincoln, MT	cold	Lewis and Clark, MT	4
Libby, MT	Lincoln, MT	cold	Lewis, ID	33
Libby, MT	Lincoln, MT	cold	Liberty, MT	0
Libby, MT	Lincoln, MT	cold	Lincoln, MT	81
Libby, MT	Lincoln, MT	cold	Lincoln, WA	3
Libby, MT	Lincoln, MT	cold	Madison, MT	0
Libby, MT	Lincoln, MT	cold	Meagher, MT	0
Libby, MT	Lincoln, MT	cold	Mineral, MT	21
Libby, MT	Lincoln, MT	cold	Missoula, MT	9
Libby, MT	Lincoln, MT	cold	Musselshell, MT	0
Libby, MT	Lincoln, MT	cold	Nez Perce, ID	31
Libby, MT	Lincoln, MT	cold	Okanogan, WA	0
Libby, MT	Lincoln, MT	cold	Park, MT	0
Libby, MT	Lincoln, MT	cold	Park, WY	0
Libby, MT	Lincoln, MT	cold	Pend Oreille, WA	21
Libby, MT	Lincoln, MT	cold	Petroleum, MT	0
Libby, MT	Lincoln, MT	cold	Phillips, MT	0
Libby, MT	Lincoln, MT	cold	Pondera, MT	1
Libby, MT	Lincoln, MT	cold	Powell, MT	5
Libby, MT	Lincoln, MT	cold	Ravalli, MT	2
Libby, MT	Lincoln, MT	cold	Sanders, MT	69
Libby, MT	Lincoln, MT	cold	Shoshone, ID	74
Libby, MT	Lincoln, MT	cold	Silver Bow, MT	0
Libby, MT	Lincoln, MT	cold	Skagit, WA	1
Libby, MT	Lincoln, MT	cold	Spokane, WA	34
Libby, MT	Lincoln, MT	cold	Stevens, WA	9
Libby, MT	Lincoln, MT	cold	Stillwater, MT	0
Libby, MT	Lincoln, MT	cold	Sweet Grass, MT	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Libby, MT	Lincoln, MT	cold	Teton, MT	2
Libby, MT	Lincoln, MT	cold	Toole, MT	0
Libby, MT	Lincoln, MT	cold	Umatilla, OR	7
Libby, MT	Lincoln, MT	cold	Union, OR	5
Libby, MT	Lincoln, MT	cold	Valley, ID	3
Libby, MT	Lincoln, MT	cold	Walla Walla, WA	11
Libby, MT	Lincoln, MT	cold	Wallowa, OR	5
Libby, MT	Lincoln, MT	cold	Washington, ID	11
Libby, MT	Lincoln, MT	cold	Whatcom, WA	0
Libby, MT	Lincoln, MT	cold	Wheatland, MT	0
Libby, MT	Lincoln, MT	cold	Whitman, WA	33
Libby, MT	Lincoln, MT	cold	Yakima, WA	1
Logan, UT	Cache, UT	cold	Ada, ID	2
Logan, UT	Cache, UT	cold	Albany, WY	0
Logan, UT	Cache, UT	cold	Baker, OR	0
Logan, UT	Cache, UT	cold	Bannock, ID	3
Logan, UT	Cache, UT	cold	Bear Lake, ID	6
Logan, UT	Cache, UT	cold	Beaver, UT	0
Logan, UT	Cache, UT	cold	Beaverhead, MT	0
Logan, UT	Cache, UT	cold	Big Horn, WY	0
Logan, UT	Cache, UT	cold	Bingham, ID	0
Logan, UT	Cache, UT	cold	Blaine, ID	0
Logan, UT	Cache, UT	cold	Boise, ID	0
Logan, UT	Cache, UT	cold	Bonneville, ID	1
Logan, UT	Cache, UT	cold	Box Elder, UT	20
Logan, UT	Cache, UT	cold	Butte, ID	0
Logan, UT	Cache, UT	cold	Cache, UT	96
Logan, UT	Cache, UT	cold	Camas, ID	0
Logan, UT	Cache, UT	cold	Canyon, ID	3
Logan, UT	Cache, UT	cold	Carbon, MT	0
Logan, UT	Cache, UT	cold	Carbon, UT	1
Logan, UT	Cache, UT	cold	Carbon, WY	0
Logan, UT	Cache, UT	cold	Caribou, ID	4
Logan, UT	Cache, UT	cold	Carson, NV	0
Logan, UT	Cache, UT	cold	Cassia, ID	1
Logan, UT	Cache, UT	cold	Churchill, NV	0
Logan, UT	Cache, UT	cold	Clark, ID	0
Logan, UT	Cache, UT	cold	Clark, NV	0
Logan, UT	Cache, UT	cold	Converse, WY	0
Logan, UT	Cache, UT	cold	Crook, OR	0
Logan, UT	Cache, UT	cold	Custer, ID	0
Logan, UT	Cache, UT	cold	Daggett, UT	0
Logan, UT	Cache, UT	cold	Davis, UT	71
Logan, UT	Cache, UT	cold	Deschutes, OR	0
Logan, UT	Cache, UT	cold	Duchesne, UT	9
Logan, UT	Cache, UT	cold	Elko, NV	0
Logan, UT	Cache, UT	cold	Elmore, ID	1
Logan, UT	Cache, UT	cold	Emery, UT	0
Logan, UT	Cache, UT	cold	Esmeralda, NV	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Logan, UT	Cache, UT	cold	Eureka, NV	0
Logan, UT	Cache, UT	cold	Franklin, ID	23
Logan, UT	Cache, UT	cold	Fremont, ID	0
Logan, UT	Cache, UT	cold	Fremont, WY	0
Logan, UT	Cache, UT	cold	Gallatin, MT	0
Logan, UT	Cache, UT	cold	Garfield, CO	0
Logan, UT	Cache, UT	cold	Gem, ID	0
Logan, UT	Cache, UT	cold	Gooding, ID	1
Logan, UT	Cache, UT	cold	Grand, UT	0
Logan, UT	Cache, UT	cold	Grant, OR	0
Logan, UT	Cache, UT	cold	Harney, OR	0
Logan, UT	Cache, UT	cold	Hot Springs, WY	0
Logan, UT	Cache, UT	cold	Humboldt, NV	0
Logan, UT	Cache, UT	cold	Inyo, CA	0
Logan, UT	Cache, UT	cold	Iron, UT	0
Logan, UT	Cache, UT	cold	Jackson, CO	0
Logan, UT	Cache, UT	cold	Jefferson, ID	0
Logan, UT	Cache, UT	cold	Jerome, ID	1
Logan, UT	Cache, UT	cold	Juab, UT	0
Logan, UT	Cache, UT	cold	Lake, OR	0
Logan, UT	Cache, UT	cold	Lander, NV	0
Logan, UT	Cache, UT	cold	Lassen, CA	0
Logan, UT	Cache, UT	cold	Lemhi, ID	0
Logan, UT	Cache, UT	cold	Lincoln, ID	1
Logan, UT	Cache, UT	cold	Lincoln, NV	0
Logan, UT	Cache, UT	cold	Lincoln, WY	2
Logan, UT	Cache, UT	cold	Lyon, NV	0
Logan, UT	Cache, UT	cold	Madison, ID	0
Logan, UT	Cache, UT	cold	Madison, MT	0
Logan, UT	Cache, UT	cold	Malheur, OR	1
Logan, UT	Cache, UT	cold	Millard, UT	0
Logan, UT	Cache, UT	cold	Mineral, NV	0
Logan, UT	Cache, UT	cold	Minidoka, ID	1
Logan, UT	Cache, UT	cold	Modoc, CA	0
Logan, UT	Cache, UT	cold	Moffat, CO	0
Logan, UT	Cache, UT	cold	Mohave, AZ	0
Logan, UT	Cache, UT	cold	Morgan, UT	46
Logan, UT	Cache, UT	cold	Natrona, WY	0
Logan, UT	Cache, UT	cold	Nevada, CA	0
Logan, UT	Cache, UT	cold	Nye, NV	0
Logan, UT	Cache, UT	cold	Oneida, ID	7
Logan, UT	Cache, UT	cold	Owyhee, ID	1
Logan, UT	Cache, UT	cold	Park, MT	0
Logan, UT	Cache, UT	cold	Park, WY	0
Logan, UT	Cache, UT	cold	Payette, ID	1
Logan, UT	Cache, UT	cold	Pershing, NV	0
Logan, UT	Cache, UT	cold	Placer, CA	0
Logan, UT	Cache, UT	cold	Power, ID	1
Logan, UT	Cache, UT	cold	Rich, UT	24

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Logan, UT	Cache, UT	cold	Rio Blanco, CO	0
Logan, UT	Cache, UT	cold	Routt, CO	0
Logan, UT	Cache, UT	cold	Salt Lake, UT	22
Logan, UT	Cache, UT	cold	Sanpete, UT	1
Logan, UT	Cache, UT	cold	Sevier, UT	1
Logan, UT	Cache, UT	cold	Sierra, CA	0
Logan, UT	Cache, UT	cold	Storey, NV	0
Logan, UT	Cache, UT	cold	Sublette, WY	1
Logan, UT	Cache, UT	cold	Summit, UT	15
Logan, UT	Cache, UT	cold	Sweetwater, WY	2
Logan, UT	Cache, UT	cold	Teton, ID	0
Logan, UT	Cache, UT	cold	Teton, WY	0
Logan, UT	Cache, UT	cold	Tooele, UT	3
Logan, UT	Cache, UT	cold	Twin Falls, ID	1
Logan, UT	Cache, UT	cold	Uinta, WY	8
Logan, UT	Cache, UT	cold	Uintah, UT	2
Logan, UT	Cache, UT	cold	Utah, UT	3
Logan, UT	Cache, UT	cold	Valley, ID	0
Logan, UT	Cache, UT	cold	Wasatch, UT	3
Logan, UT	Cache, UT	cold	Washakie, WY	1
Logan, UT	Cache, UT	cold	Washington, ID	0
Logan, UT	Cache, UT	cold	Washington, UT	0
Logan, UT	Cache, UT	cold	Washoe, NV	0
Logan, UT	Cache, UT	cold	Weber, UT	100
Logan, UT	Cache, UT	cold	White Pine, NV	0
Los Angeles, CA	Los Angeles, CA	cold	Alpine, CA	1
Los Angeles, CA	Los Angeles, CA	cold	Amador, CA	0
Los Angeles, CA	Los Angeles, CA	cold	Apache, AZ	0
Los Angeles, CA	Los Angeles, CA	cold	Beaver, UT	0
Los Angeles, CA	Los Angeles, CA	cold	Calaveras, CA	0
Los Angeles, CA	Los Angeles, CA	cold	Carson, NV	0
Los Angeles, CA	Los Angeles, CA	cold	Churchill, NV	0
Los Angeles, CA	Los Angeles, CA	cold	Clark, NV	0
Los Angeles, CA	Los Angeles, CA	cold	Cochise, AZ	0
Los Angeles, CA	Los Angeles, CA	cold	Coconino, AZ	0
Los Angeles, CA	Los Angeles, CA	cold	Dolores, CO	0
Los Angeles, CA	Los Angeles, CA	cold	Douglas, NV	1
Los Angeles, CA	Los Angeles, CA	cold	El Dorado, CA	0
Los Angeles, CA	Los Angeles, CA	cold	Elko, NV	0
Los Angeles, CA	Los Angeles, CA	cold	Emery, UT	0
Los Angeles, CA	Los Angeles, CA	cold	Esmeralda, NV	0
Los Angeles, CA	Los Angeles, CA	cold	Eureka, NV	0
Los Angeles, CA	Los Angeles, CA	cold	Fresno, CA	1
Los Angeles, CA	Los Angeles, CA	cold	Garfield, UT	0
Los Angeles, CA	Los Angeles, CA	cold	Gila, AZ	0
Los Angeles, CA	Los Angeles, CA	cold	Graham, AZ	0
Los Angeles, CA	Los Angeles, CA	cold	Grand, UT	0
Los Angeles, CA	Los Angeles, CA	cold	Greenlee, AZ	0
Los Angeles, CA	Los Angeles, CA	cold	Hidalgo, NM	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Los Angeles, CA	Los Angeles, CA	cold	Humboldt, NV	0
Los Angeles, CA	Los Angeles, CA	cold	Imperial, CA	1
Los Angeles, CA	Los Angeles, CA	cold	Inyo, CA	1
Los Angeles, CA	Los Angeles, CA	cold	Iron, UT	0
Los Angeles, CA	Los Angeles, CA	cold	Juab, UT	0
Los Angeles, CA	Los Angeles, CA	cold	Kane, UT	0
Los Angeles, CA	Los Angeles, CA	cold	Kern, CA	11
Los Angeles, CA	Los Angeles, CA	cold	Kings, CA	8
Los Angeles, CA	Los Angeles, CA	cold	La Paz, AZ	0
Los Angeles, CA	Los Angeles, CA	cold	Lander, NV	0
Los Angeles, CA	Los Angeles, CA	cold	Lincoln, NV	0
Los Angeles, CA	Los Angeles, CA	cold	Los Angeles, CA	100
Los Angeles, CA	Los Angeles, CA	cold	Lyon, NV	0
Los Angeles, CA	Los Angeles, CA	cold	Madera, CA	1
Los Angeles, CA	Los Angeles, CA	cold	Maricopa, AZ	0
Los Angeles, CA	Los Angeles, CA	cold	Mariposa, CA	0
Los Angeles, CA	Los Angeles, CA	cold	Merced, CA	2
Los Angeles, CA	Los Angeles, CA	cold	Mesa, CO	0
Los Angeles, CA	Los Angeles, CA	cold	Millard, UT	0
Los Angeles, CA	Los Angeles, CA	cold	Mineral, NV	0
Los Angeles, CA	Los Angeles, CA	cold	Mohave, AZ	0
Los Angeles, CA	Los Angeles, CA	cold	Mono, CA	0
Los Angeles, CA	Los Angeles, CA	cold	Monterey, CA	0
Los Angeles, CA	Los Angeles, CA	cold	Montezuma, CO	0
Los Angeles, CA	Los Angeles, CA	cold	Montrose, CO	0
Los Angeles, CA	Los Angeles, CA	cold	Navajo, AZ	0
Los Angeles, CA	Los Angeles, CA	cold	Nye, NV	0
Los Angeles, CA	Los Angeles, CA	cold	Orange, CA	96
Los Angeles, CA	Los Angeles, CA	cold	Pershing, NV	0
Los Angeles, CA	Los Angeles, CA	cold	Pima, AZ	0
Los Angeles, CA	Los Angeles, CA	cold	Pinal, AZ	0
Los Angeles, CA	Los Angeles, CA	cold	Piute, UT	0
Los Angeles, CA	Los Angeles, CA	cold	Placer, CA	0
Los Angeles, CA	Los Angeles, CA	cold	Riverside, CA	9
Los Angeles, CA	Los Angeles, CA	cold	San Benito, CA	0
Los Angeles, CA	Los Angeles, CA	cold	San Bernardino, CA	11
Los Angeles, CA	Los Angeles, CA	cold	San Diego, CA	4
Los Angeles, CA	Los Angeles, CA	cold	San Juan, NM	0
Los Angeles, CA	Los Angeles, CA	cold	San Juan, UT	0
Los Angeles, CA	Los Angeles, CA	cold	San Luis Obispo, CA	0
Los Angeles, CA	Los Angeles, CA	cold	San Miguel, CO	0
Los Angeles, CA	Los Angeles, CA	cold	Sanpete, UT	0
Los Angeles, CA	Los Angeles, CA	cold	Santa Barbara, CA	5
Los Angeles, CA	Los Angeles, CA	cold	Santa Clara, CA	0
Los Angeles, CA	Los Angeles, CA	cold	Santa Cruz, AZ	0
Los Angeles, CA	Los Angeles, CA	cold	Santa Cruz, CA	0
Los Angeles, CA	Los Angeles, CA	cold	Sevier, UT	0
Los Angeles, CA	Los Angeles, CA	cold	Stanislaus, CA	2
Los Angeles, CA	Los Angeles, CA	cold	Storey, NV	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Los Angeles, CA	Los Angeles, CA	cold	Tooele, UT	0
Los Angeles, CA	Los Angeles, CA	cold	Tulare, CA	5
Los Angeles, CA	Los Angeles, CA	cold	Tuolumne, CA	0
Los Angeles, CA	Los Angeles, CA	cold	Ventura, CA	16
Los Angeles, CA	Los Angeles, CA	cold	Washington, UT	0
Los Angeles, CA	Los Angeles, CA	cold	Washoe, NV	0
Los Angeles, CA	Los Angeles, CA	cold	Wayne, UT	0
Los Angeles, CA	Los Angeles, CA	cold	White Pine, NV	0
Los Angeles, CA	Los Angeles, CA	cold	Yavapai, AZ	0
Los Angeles, CA	Los Angeles, CA	cold	Yuma, AZ	0
Los Angeles, CA	Los Angeles, CA	warm	Alpine, CA	0
Los Angeles, CA	Los Angeles, CA	warm	Amador, CA	0
Los Angeles, CA	Los Angeles, CA	warm	Apache, AZ	0
Los Angeles, CA	Los Angeles, CA	warm	Beaver, UT	0
Los Angeles, CA	Los Angeles, CA	warm	Calaveras, CA	1
Los Angeles, CA	Los Angeles, CA	warm	Carson, NV	0
Los Angeles, CA	Los Angeles, CA	warm	Churchill, NV	0
Los Angeles, CA	Los Angeles, CA	warm	Clark, NV	0
Los Angeles, CA	Los Angeles, CA	warm	Cochise, AZ	0
Los Angeles, CA	Los Angeles, CA	warm	Coconino, AZ	0
Los Angeles, CA	Los Angeles, CA	warm	Dolores, CO	0
Los Angeles, CA	Los Angeles, CA	warm	Douglas, NV	0
Los Angeles, CA	Los Angeles, CA	warm	El Dorado, CA	0
Los Angeles, CA	Los Angeles, CA	warm	Elko, NV	0
Los Angeles, CA	Los Angeles, CA	warm	Emery, UT	0
Los Angeles, CA	Los Angeles, CA	warm	Esmeralda, NV	0
Los Angeles, CA	Los Angeles, CA	warm	Eureka, NV	0
Los Angeles, CA	Los Angeles, CA	warm	Fresno, CA	6
Los Angeles, CA	Los Angeles, CA	warm	Garfield, UT	0
Los Angeles, CA	Los Angeles, CA	warm	Gila, AZ	0
Los Angeles, CA	Los Angeles, CA	warm	Graham, AZ	0
Los Angeles, CA	Los Angeles, CA	warm	Grand, UT	0
Los Angeles, CA	Los Angeles, CA	warm	Greenlee, AZ	0
Los Angeles, CA	Los Angeles, CA	warm	Hidalgo, NM	0
Los Angeles, CA	Los Angeles, CA	warm	Humboldt, NV	0
Los Angeles, CA	Los Angeles, CA	warm	Imperial, CA	1
Los Angeles, CA	Los Angeles, CA	warm	Inyo, CA	0
Los Angeles, CA	Los Angeles, CA	warm	Iron, UT	0
Los Angeles, CA	Los Angeles, CA	warm	Juab, UT	0
Los Angeles, CA	Los Angeles, CA	warm	Kane, UT	0
Los Angeles, CA	Los Angeles, CA	warm	Kern, CA	16
Los Angeles, CA	Los Angeles, CA	warm	Kings, CA	28
Los Angeles, CA	Los Angeles, CA	warm	La Paz, AZ	0
Los Angeles, CA	Los Angeles, CA	warm	Lander, NV	0
Los Angeles, CA	Los Angeles, CA	warm	Lincoln, NV	0
Los Angeles, CA	Los Angeles, CA	warm	Los Angeles, CA	100
Los Angeles, CA	Los Angeles, CA	warm	Lyon, NV	0
Los Angeles, CA	Los Angeles, CA	warm	Madera, CA	4
Los Angeles, CA	Los Angeles, CA	warm	Maricopa, AZ	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Los Angeles, CA	Los Angeles, CA	warm	Mariposa, CA	1
Los Angeles, CA	Los Angeles, CA	warm	Merced, CA	9
Los Angeles, CA	Los Angeles, CA	warm	Mesa, CO	0
Los Angeles, CA	Los Angeles, CA	warm	Millard, UT	0
Los Angeles, CA	Los Angeles, CA	warm	Mineral, NV	0
Los Angeles, CA	Los Angeles, CA	warm	Mohave, AZ	0
Los Angeles, CA	Los Angeles, CA	warm	Mono, CA	0
Los Angeles, CA	Los Angeles, CA	warm	Monterey, CA	2
Los Angeles, CA	Los Angeles, CA	warm	Montezuma, CO	0
Los Angeles, CA	Los Angeles, CA	warm	Montrose, CO	0
Los Angeles, CA	Los Angeles, CA	warm	Navajo, AZ	0
Los Angeles, CA	Los Angeles, CA	warm	Nye, NV	0
Los Angeles, CA	Los Angeles, CA	warm	Orange, CA	92
Los Angeles, CA	Los Angeles, CA	warm	Pershing, NV	0
Los Angeles, CA	Los Angeles, CA	warm	Pima, AZ	0
Los Angeles, CA	Los Angeles, CA	warm	Pinal, AZ	0
Los Angeles, CA	Los Angeles, CA	warm	Piute, UT	0
Los Angeles, CA	Los Angeles, CA	warm	Placer, CA	0
Los Angeles, CA	Los Angeles, CA	warm	Riverside, CA	5
Los Angeles, CA	Los Angeles, CA	warm	San Benito, CA	2
Los Angeles, CA	Los Angeles, CA	warm	San Bernardino, CA	3
Los Angeles, CA	Los Angeles, CA	warm	San Diego, CA	1
Los Angeles, CA	Los Angeles, CA	warm	San Juan, NM	0
Los Angeles, CA	Los Angeles, CA	warm	San Juan, UT	0
Los Angeles, CA	Los Angeles, CA	warm	San Luis Obispo, CA	12
Los Angeles, CA	Los Angeles, CA	warm	San Miguel, CO	0
Los Angeles, CA	Los Angeles, CA	warm	Sanpete, UT	0
Los Angeles, CA	Los Angeles, CA	warm	Santa Barbara, CA	47
Los Angeles, CA	Los Angeles, CA	warm	Santa Clara, CA	4
Los Angeles, CA	Los Angeles, CA	warm	Santa Cruz, AZ	0
Los Angeles, CA	Los Angeles, CA	warm	Santa Cruz, CA	2
Los Angeles, CA	Los Angeles, CA	warm	Sevier, UT	0
Los Angeles, CA	Los Angeles, CA	warm	Stanislaus, CA	8
Los Angeles, CA	Los Angeles, CA	warm	Storey, NV	0
Los Angeles, CA	Los Angeles, CA	warm	Tooele, UT	0
Los Angeles, CA	Los Angeles, CA	warm	Tulare, CA	7
Los Angeles, CA	Los Angeles, CA	warm	Tuolumne, CA	0
Los Angeles, CA	Los Angeles, CA	warm	Ventura, CA	80
Los Angeles, CA	Los Angeles, CA	warm	Washington, UT	0
Los Angeles, CA	Los Angeles, CA	warm	Washoe, NV	0
Los Angeles, CA	Los Angeles, CA	warm	Wayne, UT	0
Los Angeles, CA	Los Angeles, CA	warm	White Pine, NV	0
Los Angeles, CA	Los Angeles, CA	warm	Yavapai, AZ	0
Los Angeles, CA	Los Angeles, CA	warm	Yuma, AZ	0
Los Angeles, CA	Orange, CA	cold	Alpine, CA	1
Los Angeles, CA	Orange, CA	cold	Amador, CA	0
Los Angeles, CA	Orange, CA	cold	Apache, AZ	0
Los Angeles, CA	Orange, CA	cold	Beaver, UT	0
Los Angeles, CA	Orange, CA	cold	Calaveras, CA	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Los Angeles, CA	Orange, CA	cold	Carson, NV	0
Los Angeles, CA	Orange, CA	cold	Churchill, NV	0
Los Angeles, CA	Orange, CA	cold	Clark, NV	0
Los Angeles, CA	Orange, CA	cold	Cochise, AZ	0
Los Angeles, CA	Orange, CA	cold	Coconino, AZ	0
Los Angeles, CA	Orange, CA	cold	Dolores, CO	0
Los Angeles, CA	Orange, CA	cold	Douglas, NV	1
Los Angeles, CA	Orange, CA	cold	El Dorado, CA	0
Los Angeles, CA	Orange, CA	cold	Elko, NV	0
Los Angeles, CA	Orange, CA	cold	Emery, UT	0
Los Angeles, CA	Orange, CA	cold	Esmeralda, NV	0
Los Angeles, CA	Orange, CA	cold	Eureka, NV	0
Los Angeles, CA	Orange, CA	cold	Fresno, CA	2
Los Angeles, CA	Orange, CA	cold	Garfield, UT	0
Los Angeles, CA	Orange, CA	cold	Gila, AZ	0
Los Angeles, CA	Orange, CA	cold	Graham, AZ	0
Los Angeles, CA	Orange, CA	cold	Grand, UT	0
Los Angeles, CA	Orange, CA	cold	Greenlee, AZ	0
Los Angeles, CA	Orange, CA	cold	Hidalgo, NM	0
Los Angeles, CA	Orange, CA	cold	Humboldt, NV	0
Los Angeles, CA	Orange, CA	cold	Imperial, CA	1
Los Angeles, CA	Orange, CA	cold	Inyo, CA	2
Los Angeles, CA	Orange, CA	cold	Iron, UT	0
Los Angeles, CA	Orange, CA	cold	Juab, UT	0
Los Angeles, CA	Orange, CA	cold	Kane, UT	0
Los Angeles, CA	Orange, CA	cold	Kern, CA	16
Los Angeles, CA	Orange, CA	cold	Kings, CA	11
Los Angeles, CA	Orange, CA	cold	La Paz, AZ	0
Los Angeles, CA	Orange, CA	cold	Lander, NV	0
Los Angeles, CA	Orange, CA	cold	Lincoln, NV	0
Los Angeles, CA	Orange, CA	cold	Los Angeles, CA	92
Los Angeles, CA	Orange, CA	cold	Lyon, NV	0
Los Angeles, CA	Orange, CA	cold	Madera, CA	2
Los Angeles, CA	Orange, CA	cold	Maricopa, AZ	0
Los Angeles, CA	Orange, CA	cold	Mariposa, CA	0
Los Angeles, CA	Orange, CA	cold	Merced, CA	3
Los Angeles, CA	Orange, CA	cold	Mesa, CO	0
Los Angeles, CA	Orange, CA	cold	Millard, UT	0
Los Angeles, CA	Orange, CA	cold	Mineral, NV	0
Los Angeles, CA	Orange, CA	cold	Mohave, AZ	0
Los Angeles, CA	Orange, CA	cold	Mono, CA	0
Los Angeles, CA	Orange, CA	cold	Monterey, CA	0
Los Angeles, CA	Orange, CA	cold	Montezuma, CO	0
Los Angeles, CA	Orange, CA	cold	Montrose, CO	0
Los Angeles, CA	Orange, CA	cold	Navajo, AZ	0
Los Angeles, CA	Orange, CA	cold	Nye, NV	0
Los Angeles, CA	Orange, CA	cold	Orange, CA	100
Los Angeles, CA	Orange, CA	cold	Pershing, NV	0
Los Angeles, CA	Orange, CA	cold	Pima, AZ	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Los Angeles, CA	Orange, CA	cold	Pinal, AZ	0
Los Angeles, CA	Orange, CA	cold	Piute, UT	0
Los Angeles, CA	Orange, CA	cold	Placer, CA	0
Los Angeles, CA	Orange, CA	cold	Riverside, CA	10
Los Angeles, CA	Orange, CA	cold	San Benito, CA	0
Los Angeles, CA	Orange, CA	cold	San Bernardino, CA	12
Los Angeles, CA	Orange, CA	cold	San Diego, CA	5
Los Angeles, CA	Orange, CA	cold	San Juan, NM	0
Los Angeles, CA	Orange, CA	cold	San Juan, UT	0
Los Angeles, CA	Orange, CA	cold	San Luis Obispo, CA	1
Los Angeles, CA	Orange, CA	cold	San Miguel, CO	0
Los Angeles, CA	Orange, CA	cold	Sanpete, UT	0
Los Angeles, CA	Orange, CA	cold	Santa Barbara, CA	8
Los Angeles, CA	Orange, CA	cold	Santa Clara, CA	0
Los Angeles, CA	Orange, CA	cold	Santa Cruz, AZ	0
Los Angeles, CA	Orange, CA	cold	Santa Cruz, CA	0
Los Angeles, CA	Orange, CA	cold	Sevier, UT	0
Los Angeles, CA	Orange, CA	cold	Stanislaus, CA	2
Los Angeles, CA	Orange, CA	cold	Storey, NV	0
Los Angeles, CA	Orange, CA	cold	Tooele, UT	0
Los Angeles, CA	Orange, CA	cold	Tulare, CA	7
Los Angeles, CA	Orange, CA	cold	Tuolumne, CA	0
Los Angeles, CA	Orange, CA	cold	Ventura, CA	19
Los Angeles, CA	Orange, CA	cold	Washington, UT	0
Los Angeles, CA	Orange, CA	cold	Washoe, NV	0
Los Angeles, CA	Orange, CA	cold	Wayne, UT	0
Los Angeles, CA	Orange, CA	cold	White Pine, NV	0
Los Angeles, CA	Orange, CA	cold	Yavapai, AZ	0
Los Angeles, CA	Orange, CA	cold	Yuma, AZ	0
Los Angeles, CA	Orange, CA	warm	Alpine, CA	0
Los Angeles, CA	Orange, CA	warm	Amador, CA	0
Los Angeles, CA	Orange, CA	warm	Apache, AZ	0
Los Angeles, CA	Orange, CA	warm	Beaver, UT	0
Los Angeles, CA	Orange, CA	warm	Calaveras, CA	0
Los Angeles, CA	Orange, CA	warm	Carson, NV	0
Los Angeles, CA	Orange, CA	warm	Churchill, NV	0
Los Angeles, CA	Orange, CA	warm	Clark, NV	0
Los Angeles, CA	Orange, CA	warm	Cochise, AZ	0
Los Angeles, CA	Orange, CA	warm	Coconino, AZ	0
Los Angeles, CA	Orange, CA	warm	Dolores, CO	0
Los Angeles, CA	Orange, CA	warm	Douglas, NV	0
Los Angeles, CA	Orange, CA	warm	El Dorado, CA	0
Los Angeles, CA	Orange, CA	warm	Elko, NV	0
Los Angeles, CA	Orange, CA	warm	Emery, UT	0
Los Angeles, CA	Orange, CA	warm	Esmeralda, NV	0
Los Angeles, CA	Orange, CA	warm	Eureka, NV	0
Los Angeles, CA	Orange, CA	warm	Fresno, CA	3
Los Angeles, CA	Orange, CA	warm	Garfield, UT	0
Los Angeles, CA	Orange, CA	warm	Gila, AZ	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Los Angeles, CA	Orange, CA	warm	Graham, AZ	0
Los Angeles, CA	Orange, CA	warm	Grand, UT	0
Los Angeles, CA	Orange, CA	warm	Greenlee, AZ	0
Los Angeles, CA	Orange, CA	warm	Hidalgo, NM	0
Los Angeles, CA	Orange, CA	warm	Humboldt, NV	0
Los Angeles, CA	Orange, CA	warm	Imperial, CA	0
Los Angeles, CA	Orange, CA	warm	Inyo, CA	0
Los Angeles, CA	Orange, CA	warm	Iron, UT	0
Los Angeles, CA	Orange, CA	warm	Juab, UT	0
Los Angeles, CA	Orange, CA	warm	Kane, UT	0
Los Angeles, CA	Orange, CA	warm	Kern, CA	7
Los Angeles, CA	Orange, CA	warm	Kings, CA	11
Los Angeles, CA	Orange, CA	warm	La Paz, AZ	0
Los Angeles, CA	Orange, CA	warm	Lander, NV	0
Los Angeles, CA	Orange, CA	warm	Lincoln, NV	0
Los Angeles, CA	Orange, CA	warm	Los Angeles, CA	57
Los Angeles, CA	Orange, CA	warm	Lyon, NV	0
Los Angeles, CA	Orange, CA	warm	Madera, CA	1
Los Angeles, CA	Orange, CA	warm	Maricopa, AZ	0
Los Angeles, CA	Orange, CA	warm	Mariposa, CA	0
Los Angeles, CA	Orange, CA	warm	Merced, CA	3
Los Angeles, CA	Orange, CA	warm	Mesa, CO	0
Los Angeles, CA	Orange, CA	warm	Millard, UT	0
Los Angeles, CA	Orange, CA	warm	Mineral, NV	0
Los Angeles, CA	Orange, CA	warm	Mohave, AZ	0
Los Angeles, CA	Orange, CA	warm	Mono, CA	0
Los Angeles, CA	Orange, CA	warm	Monterey, CA	1
Los Angeles, CA	Orange, CA	warm	Montezuma, CO	0
Los Angeles, CA	Orange, CA	warm	Montrose, CO	0
Los Angeles, CA	Orange, CA	warm	Navajo, AZ	0
Los Angeles, CA	Orange, CA	warm	Nye, NV	0
Los Angeles, CA	Orange, CA	warm	Orange, CA	100
Los Angeles, CA	Orange, CA	warm	Pershing, NV	0
Los Angeles, CA	Orange, CA	warm	Pima, AZ	0
Los Angeles, CA	Orange, CA	warm	Pinal, AZ	0
Los Angeles, CA	Orange, CA	warm	Piute, UT	0
Los Angeles, CA	Orange, CA	warm	Placer, CA	0
Los Angeles, CA	Orange, CA	warm	Riverside, CA	7
Los Angeles, CA	Orange, CA	warm	San Benito, CA	2
Los Angeles, CA	Orange, CA	warm	San Bernardino, CA	2
Los Angeles, CA	Orange, CA	warm	San Diego, CA	7
Los Angeles, CA	Orange, CA	warm	San Juan, NM	0
Los Angeles, CA	Orange, CA	warm	San Juan, UT	0
Los Angeles, CA	Orange, CA	warm	San Luis Obispo, CA	7
Los Angeles, CA	Orange, CA	warm	San Miguel, CO	0
Los Angeles, CA	Orange, CA	warm	Sanpete, UT	0
Los Angeles, CA	Orange, CA	warm	Santa Barbara, CA	18
Los Angeles, CA	Orange, CA	warm	Santa Clara, CA	2
Los Angeles, CA	Orange, CA	warm	Santa Cruz, AZ	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Los Angeles, CA	Orange, CA	warm	Santa Cruz, CA	1
Los Angeles, CA	Orange, CA	warm	Sevier, UT	0
Los Angeles, CA	Orange, CA	warm	Stanislaus, CA	3
Los Angeles, CA	Orange, CA	warm	Storey, NV	0
Los Angeles, CA	Orange, CA	warm	Tooele, UT	0
Los Angeles, CA	Orange, CA	warm	Tulare, CA	2
Los Angeles, CA	Orange, CA	warm	Tuolumne, CA	0
Los Angeles, CA	Orange, CA	warm	Ventura, CA	31
Los Angeles, CA	Orange, CA	warm	Washington, UT	0
Los Angeles, CA	Orange, CA	warm	Washoe, NV	0
Los Angeles, CA	Orange, CA	warm	Wayne, UT	0
Los Angeles, CA	Orange, CA	warm	White Pine, NV	0
Los Angeles, CA	Orange, CA	warm	Yavapai, AZ	0
Los Angeles, CA	Orange, CA	warm	Yuma, AZ	0
Los Angeles, CA	Riverside, CA	cold	Alpine, CA	0
Los Angeles, CA	Riverside, CA	cold	Amador, CA	0
Los Angeles, CA	Riverside, CA	cold	Apache, AZ	0
Los Angeles, CA	Riverside, CA	cold	Beaver, UT	0
Los Angeles, CA	Riverside, CA	cold	Calaveras, CA	0
Los Angeles, CA	Riverside, CA	cold	Carson, NV	0
Los Angeles, CA	Riverside, CA	cold	Churchill, NV	0
Los Angeles, CA	Riverside, CA	cold	Clark, NV	0
Los Angeles, CA	Riverside, CA	cold	Cochise, AZ	0
Los Angeles, CA	Riverside, CA	cold	Coconino, AZ	0
Los Angeles, CA	Riverside, CA	cold	Dolores, CO	0
Los Angeles, CA	Riverside, CA	cold	Douglas, NV	0
Los Angeles, CA	Riverside, CA	cold	El Dorado, CA	0
Los Angeles, CA	Riverside, CA	cold	Elko, NV	0
Los Angeles, CA	Riverside, CA	cold	Emery, UT	0
Los Angeles, CA	Riverside, CA	cold	Esmeralda, NV	0
Los Angeles, CA	Riverside, CA	cold	Eureka, NV	0
Los Angeles, CA	Riverside, CA	cold	Fresno, CA	1
Los Angeles, CA	Riverside, CA	cold	Garfield, UT	0
Los Angeles, CA	Riverside, CA	cold	Gila, AZ	0
Los Angeles, CA	Riverside, CA	cold	Graham, AZ	0
Los Angeles, CA	Riverside, CA	cold	Grand, UT	0
Los Angeles, CA	Riverside, CA	cold	Greenlee, AZ	0
Los Angeles, CA	Riverside, CA	cold	Hidalgo, NM	0
Los Angeles, CA	Riverside, CA	cold	Humboldt, NV	0
Los Angeles, CA	Riverside, CA	cold	Imperial, CA	1
Los Angeles, CA	Riverside, CA	cold	Inyo, CA	1
Los Angeles, CA	Riverside, CA	cold	Iron, UT	0
Los Angeles, CA	Riverside, CA	cold	Juab, UT	0
Los Angeles, CA	Riverside, CA	cold	Kane, UT	0
Los Angeles, CA	Riverside, CA	cold	Kern, CA	9
Los Angeles, CA	Riverside, CA	cold	Kings, CA	6
Los Angeles, CA	Riverside, CA	cold	La Paz, AZ	0
Los Angeles, CA	Riverside, CA	cold	Lander, NV	0
Los Angeles, CA	Riverside, CA	cold	Lincoln, NV	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Los Angeles, CA	Riverside, CA	cold	Los Angeles, CA	65
Los Angeles, CA	Riverside, CA	cold	Lyon, NV	0
Los Angeles, CA	Riverside, CA	cold	Madera, CA	1
Los Angeles, CA	Riverside, CA	cold	Maricopa, AZ	0
Los Angeles, CA	Riverside, CA	cold	Mariposa, CA	0
Los Angeles, CA	Riverside, CA	cold	Merced, CA	1
Los Angeles, CA	Riverside, CA	cold	Mesa, CO	0
Los Angeles, CA	Riverside, CA	cold	Millard, UT	0
Los Angeles, CA	Riverside, CA	cold	Mineral, NV	0
Los Angeles, CA	Riverside, CA	cold	Mohave, AZ	0
Los Angeles, CA	Riverside, CA	cold	Mono, CA	0
Los Angeles, CA	Riverside, CA	cold	Monterey, CA	0
Los Angeles, CA	Riverside, CA	cold	Montezuma, CO	0
Los Angeles, CA	Riverside, CA	cold	Montrose, CO	0
Los Angeles, CA	Riverside, CA	cold	Navajo, AZ	0
Los Angeles, CA	Riverside, CA	cold	Nye, NV	0
Los Angeles, CA	Riverside, CA	cold	Orange, CA	100
Los Angeles, CA	Riverside, CA	cold	Pershing, NV	0
Los Angeles, CA	Riverside, CA	cold	Pima, AZ	0
Los Angeles, CA	Riverside, CA	cold	Pinal, AZ	0
Los Angeles, CA	Riverside, CA	cold	Piute, UT	0
Los Angeles, CA	Riverside, CA	cold	Placer, CA	0
Los Angeles, CA	Riverside, CA	cold	Riverside, CA	16
Los Angeles, CA	Riverside, CA	cold	San Benito, CA	0
Los Angeles, CA	Riverside, CA	cold	San Bernardino, CA	13
Los Angeles, CA	Riverside, CA	cold	San Diego, CA	2
Los Angeles, CA	Riverside, CA	cold	San Juan, NM	0
Los Angeles, CA	Riverside, CA	cold	San Juan, UT	0
Los Angeles, CA	Riverside, CA	cold	San Luis Obispo, CA	0
Los Angeles, CA	Riverside, CA	cold	San Miguel, CO	0
Los Angeles, CA	Riverside, CA	cold	Sanpete, UT	0
Los Angeles, CA	Riverside, CA	cold	Santa Barbara, CA	2
Los Angeles, CA	Riverside, CA	cold	Santa Clara, CA	0
Los Angeles, CA	Riverside, CA	cold	Santa Cruz, AZ	0
Los Angeles, CA	Riverside, CA	cold	Santa Cruz, CA	0
Los Angeles, CA	Riverside, CA	cold	Sevier, UT	0
Los Angeles, CA	Riverside, CA	cold	Stanislaus, CA	1
Los Angeles, CA	Riverside, CA	cold	Storey, NV	0
Los Angeles, CA	Riverside, CA	cold	Tooele, UT	0
Los Angeles, CA	Riverside, CA	cold	Tulare, CA	4
Los Angeles, CA	Riverside, CA	cold	Tuolumne, CA	0
Los Angeles, CA	Riverside, CA	cold	Ventura, CA	8
Los Angeles, CA	Riverside, CA	cold	Washington, UT	0
Los Angeles, CA	Riverside, CA	cold	Washoe, NV	0
Los Angeles, CA	Riverside, CA	cold	Wayne, UT	0
Los Angeles, CA	Riverside, CA	cold	White Pine, NV	0
Los Angeles, CA	Riverside, CA	cold	Yavapai, AZ	0
Los Angeles, CA	Riverside, CA	cold	Yuma, AZ	0
Los Angeles, CA	Riverside, CA	warm	Alpine, CA	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Los Angeles, CA	Riverside, CA	warm	Amador, CA	0
Los Angeles, CA	Riverside, CA	warm	Apache, AZ	0
Los Angeles, CA	Riverside, CA	warm	Beaver, UT	0
Los Angeles, CA	Riverside, CA	warm	Calaveras, CA	0
Los Angeles, CA	Riverside, CA	warm	Carson, NV	0
Los Angeles, CA	Riverside, CA	warm	Churchill, NV	0
Los Angeles, CA	Riverside, CA	warm	Clark, NV	0
Los Angeles, CA	Riverside, CA	warm	Cochise, AZ	0
Los Angeles, CA	Riverside, CA	warm	Coconino, AZ	0
Los Angeles, CA	Riverside, CA	warm	Dolores, CO	0
Los Angeles, CA	Riverside, CA	warm	Douglas, NV	0
Los Angeles, CA	Riverside, CA	warm	El Dorado, CA	0
Los Angeles, CA	Riverside, CA	warm	Elko, NV	0
Los Angeles, CA	Riverside, CA	warm	Emery, UT	0
Los Angeles, CA	Riverside, CA	warm	Esmeralda, NV	0
Los Angeles, CA	Riverside, CA	warm	Eureka, NV	0
Los Angeles, CA	Riverside, CA	warm	Fresno, CA	1
Los Angeles, CA	Riverside, CA	warm	Garfield, UT	0
Los Angeles, CA	Riverside, CA	warm	Gila, AZ	0
Los Angeles, CA	Riverside, CA	warm	Graham, AZ	0
Los Angeles, CA	Riverside, CA	warm	Grand, UT	0
Los Angeles, CA	Riverside, CA	warm	Greenlee, AZ	0
Los Angeles, CA	Riverside, CA	warm	Hidalgo, NM	0
Los Angeles, CA	Riverside, CA	warm	Humboldt, NV	0
Los Angeles, CA	Riverside, CA	warm	Imperial, CA	1
Los Angeles, CA	Riverside, CA	warm	Inyo, CA	0
Los Angeles, CA	Riverside, CA	warm	Iron, UT	0
Los Angeles, CA	Riverside, CA	warm	Juab, UT	0
Los Angeles, CA	Riverside, CA	warm	Kane, UT	0
Los Angeles, CA	Riverside, CA	warm	Kern, CA	5
Los Angeles, CA	Riverside, CA	warm	Kings, CA	4
Los Angeles, CA	Riverside, CA	warm	La Paz, AZ	0
Los Angeles, CA	Riverside, CA	warm	Lander, NV	0
Los Angeles, CA	Riverside, CA	warm	Lincoln, NV	0
Los Angeles, CA	Riverside, CA	warm	Los Angeles, CA	52
Los Angeles, CA	Riverside, CA	warm	Lyon, NV	0
Los Angeles, CA	Riverside, CA	warm	Madera, CA	1
Los Angeles, CA	Riverside, CA	warm	Maricopa, AZ	0
Los Angeles, CA	Riverside, CA	warm	Mariposa, CA	0
Los Angeles, CA	Riverside, CA	warm	Merced, CA	1
Los Angeles, CA	Riverside, CA	warm	Mesa, CO	0
Los Angeles, CA	Riverside, CA	warm	Millard, UT	0
Los Angeles, CA	Riverside, CA	warm	Mineral, NV	0
Los Angeles, CA	Riverside, CA	warm	Mohave, AZ	0
Los Angeles, CA	Riverside, CA	warm	Mono, CA	0
Los Angeles, CA	Riverside, CA	warm	Monterey, CA	0
Los Angeles, CA	Riverside, CA	warm	Montezuma, CO	0
Los Angeles, CA	Riverside, CA	warm	Montrose, CO	0
Los Angeles, CA	Riverside, CA	warm	Navajo, AZ	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Los Angeles, CA	Riverside, CA	warm	Nye, NV	0
Los Angeles, CA	Riverside, CA	warm	Orange, CA	100
Los Angeles, CA	Riverside, CA	warm	Pershing, NV	0
Los Angeles, CA	Riverside, CA	warm	Pima, AZ	0
Los Angeles, CA	Riverside, CA	warm	Pinal, AZ	0
Los Angeles, CA	Riverside, CA	warm	Piute, UT	0
Los Angeles, CA	Riverside, CA	warm	Placer, CA	0
Los Angeles, CA	Riverside, CA	warm	Riverside, CA	13
Los Angeles, CA	Riverside, CA	warm	San Benito, CA	0
Los Angeles, CA	Riverside, CA	warm	San Bernardino, CA	6
Los Angeles, CA	Riverside, CA	warm	San Diego, CA	6
Los Angeles, CA	Riverside, CA	warm	San Juan, NM	0
Los Angeles, CA	Riverside, CA	warm	San Juan, UT	0
Los Angeles, CA	Riverside, CA	warm	San Luis Obispo, CA	3
Los Angeles, CA	Riverside, CA	warm	San Miguel, CO	0
Los Angeles, CA	Riverside, CA	warm	Sanpete, UT	0
Los Angeles, CA	Riverside, CA	warm	Santa Barbara, CA	13
Los Angeles, CA	Riverside, CA	warm	Santa Clara, CA	0
Los Angeles, CA	Riverside, CA	warm	Santa Cruz, AZ	0
Los Angeles, CA	Riverside, CA	warm	Santa Cruz, CA	0
Los Angeles, CA	Riverside, CA	warm	Sevier, UT	0
Los Angeles, CA	Riverside, CA	warm	Stanislaus, CA	1
Los Angeles, CA	Riverside, CA	warm	Storey, NV	0
Los Angeles, CA	Riverside, CA	warm	Tooele, UT	0
Los Angeles, CA	Riverside, CA	warm	Tulare, CA	2
Los Angeles, CA	Riverside, CA	warm	Tuolumne, CA	0
Los Angeles, CA	Riverside, CA	warm	Ventura, CA	34
Los Angeles, CA	Riverside, CA	warm	Washington, UT	0
Los Angeles, CA	Riverside, CA	warm	Washoe, NV	0
Los Angeles, CA	Riverside, CA	warm	Wayne, UT	0
Los Angeles, CA	Riverside, CA	warm	White Pine, NV	0
Los Angeles, CA	Riverside, CA	warm	Yavapai, AZ	1
Los Angeles, CA	Riverside, CA	warm	Yuma, AZ	0
Los Angeles, CA	San Bernardino, CA	cold	Alpine, CA	0
Los Angeles, CA	San Bernardino, CA	cold	Amador, CA	0
Los Angeles, CA	San Bernardino, CA	cold	Apache, AZ	0
Los Angeles, CA	San Bernardino, CA	cold	Beaver, UT	0
Los Angeles, CA	San Bernardino, CA	cold	Calaveras, CA	0
Los Angeles, CA	San Bernardino, CA	cold	Carson, NV	0
Los Angeles, CA	San Bernardino, CA	cold	Churchill, NV	0
Los Angeles, CA	San Bernardino, CA	cold	Clark, NV	0
Los Angeles, CA	San Bernardino, CA	cold	Cochise, AZ	0
Los Angeles, CA	San Bernardino, CA	cold	Coconino, AZ	0
Los Angeles, CA	San Bernardino, CA	cold	Dolores, CO	0
Los Angeles, CA	San Bernardino, CA	cold	Douglas, NV	0
Los Angeles, CA	San Bernardino, CA	cold	El Dorado, CA	0
Los Angeles, CA	San Bernardino, CA	cold	Elko, NV	0
Los Angeles, CA	San Bernardino, CA	cold	Emery, UT	0
Los Angeles, CA	San Bernardino, CA	cold	Esmeralda, NV	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Los Angeles, CA	San Bernardino, CA	cold	Eureka, NV	0
Los Angeles, CA	San Bernardino, CA	cold	Fresno, CA	1
Los Angeles, CA	San Bernardino, CA	cold	Garfield, UT	0
Los Angeles, CA	San Bernardino, CA	cold	Gila, AZ	0
Los Angeles, CA	San Bernardino, CA	cold	Graham, AZ	0
Los Angeles, CA	San Bernardino, CA	cold	Grand, UT	0
Los Angeles, CA	San Bernardino, CA	cold	Greenlee, AZ	0
Los Angeles, CA	San Bernardino, CA	cold	Hidalgo, NM	0
Los Angeles, CA	San Bernardino, CA	cold	Humboldt, NV	0
Los Angeles, CA	San Bernardino, CA	cold	Imperial, CA	1
Los Angeles, CA	San Bernardino, CA	cold	Inyo, CA	1
Los Angeles, CA	San Bernardino, CA	cold	Iron, UT	0
Los Angeles, CA	San Bernardino, CA	cold	Juab, UT	0
Los Angeles, CA	San Bernardino, CA	cold	Kane, UT	0
Los Angeles, CA	San Bernardino, CA	cold	Kern, CA	11
Los Angeles, CA	San Bernardino, CA	cold	Kings, CA	3
Los Angeles, CA	San Bernardino, CA	cold	La Paz, AZ	0
Los Angeles, CA	San Bernardino, CA	cold	Lander, NV	0
Los Angeles, CA	San Bernardino, CA	cold	Lincoln, NV	0
Los Angeles, CA	San Bernardino, CA	cold	Los Angeles, CA	60
Los Angeles, CA	San Bernardino, CA	cold	Lyon, NV	0
Los Angeles, CA	San Bernardino, CA	cold	Madera, CA	1
Los Angeles, CA	San Bernardino, CA	cold	Maricopa, AZ	0
Los Angeles, CA	San Bernardino, CA	cold	Mariposa, CA	0
Los Angeles, CA	San Bernardino, CA	cold	Merced, CA	0
Los Angeles, CA	San Bernardino, CA	cold	Mesa, CO	0
Los Angeles, CA	San Bernardino, CA	cold	Millard, UT	0
Los Angeles, CA	San Bernardino, CA	cold	Mineral, NV	0
Los Angeles, CA	San Bernardino, CA	cold	Mohave, AZ	0
Los Angeles, CA	San Bernardino, CA	cold	Mono, CA	0
Los Angeles, CA	San Bernardino, CA	cold	Monterey, CA	0
Los Angeles, CA	San Bernardino, CA	cold	Montezuma, CO	0
Los Angeles, CA	San Bernardino, CA	cold	Montrose, CO	0
Los Angeles, CA	San Bernardino, CA	cold	Navajo, AZ	0
Los Angeles, CA	San Bernardino, CA	cold	Nye, NV	0
Los Angeles, CA	San Bernardino, CA	cold	Orange, CA	100
Los Angeles, CA	San Bernardino, CA	cold	Pershing, NV	0
Los Angeles, CA	San Bernardino, CA	cold	Pima, AZ	0
Los Angeles, CA	San Bernardino, CA	cold	Pinal, AZ	0
Los Angeles, CA	San Bernardino, CA	cold	Piute, UT	0
Los Angeles, CA	San Bernardino, CA	cold	Placer, CA	0
Los Angeles, CA	San Bernardino, CA	cold	Riverside, CA	15
Los Angeles, CA	San Bernardino, CA	cold	San Benito, CA	0
Los Angeles, CA	San Bernardino, CA	cold	San Bernardino, CA	16
Los Angeles, CA	San Bernardino, CA	cold	San Diego, CA	3
Los Angeles, CA	San Bernardino, CA	cold	San Juan, NM	0
Los Angeles, CA	San Bernardino, CA	cold	San Juan, UT	0
Los Angeles, CA	San Bernardino, CA	cold	San Luis Obispo, CA	0
Los Angeles, CA	San Bernardino, CA	cold	San Miguel, CO	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Los Angeles, CA	San Bernardino, CA	cold	Sanpete, UT	0
Los Angeles, CA	San Bernardino, CA	cold	Santa Barbara, CA	4
Los Angeles, CA	San Bernardino, CA	cold	Santa Clara, CA	0
Los Angeles, CA	San Bernardino, CA	cold	Santa Cruz, AZ	0
Los Angeles, CA	San Bernardino, CA	cold	Santa Cruz, CA	0
Los Angeles, CA	San Bernardino, CA	cold	Sevier, UT	0
Los Angeles, CA	San Bernardino, CA	cold	Stanislaus, CA	0
Los Angeles, CA	San Bernardino, CA	cold	Storey, NV	0
Los Angeles, CA	San Bernardino, CA	cold	Tooele, UT	0
Los Angeles, CA	San Bernardino, CA	cold	Tulare, CA	3
Los Angeles, CA	San Bernardino, CA	cold	Tuolumne, CA	0
Los Angeles, CA	San Bernardino, CA	cold	Ventura, CA	7
Los Angeles, CA	San Bernardino, CA	cold	Washington, UT	0
Los Angeles, CA	San Bernardino, CA	cold	Washoe, NV	0
Los Angeles, CA	San Bernardino, CA	cold	Wayne, UT	0
Los Angeles, CA	San Bernardino, CA	cold	White Pine, NV	0
Los Angeles, CA	San Bernardino, CA	cold	Yavapai, AZ	0
Los Angeles, CA	San Bernardino, CA	cold	Yuma, AZ	0
Los Angeles, CA	San Bernardino, CA	warm	Alpine, CA	0
Los Angeles, CA	San Bernardino, CA	warm	Amador, CA	0
Los Angeles, CA	San Bernardino, CA	warm	Apache, AZ	0
Los Angeles, CA	San Bernardino, CA	warm	Beaver, UT	0
Los Angeles, CA	San Bernardino, CA	warm	Calaveras, CA	0
Los Angeles, CA	San Bernardino, CA	warm	Carson, NV	0
Los Angeles, CA	San Bernardino, CA	warm	Churchill, NV	0
Los Angeles, CA	San Bernardino, CA	warm	Clark, NV	0
Los Angeles, CA	San Bernardino, CA	warm	Cochise, AZ	0
Los Angeles, CA	San Bernardino, CA	warm	Coconino, AZ	0
Los Angeles, CA	San Bernardino, CA	warm	Dolores, CO	0
Los Angeles, CA	San Bernardino, CA	warm	Douglas, NV	0
Los Angeles, CA	San Bernardino, CA	warm	El Dorado, CA	0
Los Angeles, CA	San Bernardino, CA	warm	Elko, NV	0
Los Angeles, CA	San Bernardino, CA	warm	Emery, UT	0
Los Angeles, CA	San Bernardino, CA	warm	Esmeralda, NV	0
Los Angeles, CA	San Bernardino, CA	warm	Eureka, NV	0
Los Angeles, CA	San Bernardino, CA	warm	Fresno, CA	1
Los Angeles, CA	San Bernardino, CA	warm	Garfield, UT	0
Los Angeles, CA	San Bernardino, CA	warm	Gila, AZ	0
Los Angeles, CA	San Bernardino, CA	warm	Graham, AZ	0
Los Angeles, CA	San Bernardino, CA	warm	Grand, UT	0
Los Angeles, CA	San Bernardino, CA	warm	Greenlee, AZ	0
Los Angeles, CA	San Bernardino, CA	warm	Hidalgo, NM	0
Los Angeles, CA	San Bernardino, CA	warm	Humboldt, NV	0
Los Angeles, CA	San Bernardino, CA	warm	Imperial, CA	2
Los Angeles, CA	San Bernardino, CA	warm	Inyo, CA	0
Los Angeles, CA	San Bernardino, CA	warm	Iron, UT	0
Los Angeles, CA	San Bernardino, CA	warm	Juab, UT	0
Los Angeles, CA	San Bernardino, CA	warm	Kane, UT	0
Los Angeles, CA	San Bernardino, CA	warm	Kern, CA	5

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Los Angeles, CA	San Bernardino, CA	warm	Kings, CA	5
Los Angeles, CA	San Bernardino, CA	warm	La Paz, AZ	1
Los Angeles, CA	San Bernardino, CA	warm	Lander, NV	0
Los Angeles, CA	San Bernardino, CA	warm	Lincoln, NV	0
Los Angeles, CA	San Bernardino, CA	warm	Los Angeles, CA	57
Los Angeles, CA	San Bernardino, CA	warm	Lyon, NV	0
Los Angeles, CA	San Bernardino, CA	warm	Madera, CA	1
Los Angeles, CA	San Bernardino, CA	warm	Maricopa, AZ	0
Los Angeles, CA	San Bernardino, CA	warm	Mariposa, CA	0
Los Angeles, CA	San Bernardino, CA	warm	Merced, CA	2
Los Angeles, CA	San Bernardino, CA	warm	Mesa, CO	0
Los Angeles, CA	San Bernardino, CA	warm	Millard, UT	0
Los Angeles, CA	San Bernardino, CA	warm	Mineral, NV	0
Los Angeles, CA	San Bernardino, CA	warm	Mohave, AZ	0
Los Angeles, CA	San Bernardino, CA	warm	Mono, CA	0
Los Angeles, CA	San Bernardino, CA	warm	Monterey, CA	0
Los Angeles, CA	San Bernardino, CA	warm	Montezuma, CO	0
Los Angeles, CA	San Bernardino, CA	warm	Montrose, CO	0
Los Angeles, CA	San Bernardino, CA	warm	Navajo, AZ	0
Los Angeles, CA	San Bernardino, CA	warm	Nye, NV	0
Los Angeles, CA	San Bernardino, CA	warm	Orange, CA	100
Los Angeles, CA	San Bernardino, CA	warm	Pershing, NV	0
Los Angeles, CA	San Bernardino, CA	warm	Pima, AZ	0
Los Angeles, CA	San Bernardino, CA	warm	Pinal, AZ	0
Los Angeles, CA	San Bernardino, CA	warm	Piute, UT	0
Los Angeles, CA	San Bernardino, CA	warm	Placer, CA	0
Los Angeles, CA	San Bernardino, CA	warm	Riverside, CA	16
Los Angeles, CA	San Bernardino, CA	warm	San Benito, CA	0
Los Angeles, CA	San Bernardino, CA	warm	San Bernardino, CA	10
Los Angeles, CA	San Bernardino, CA	warm	San Diego, CA	2
Los Angeles, CA	San Bernardino, CA	warm	San Juan, NM	0
Los Angeles, CA	San Bernardino, CA	warm	San Juan, UT	0
Los Angeles, CA	San Bernardino, CA	warm	San Luis Obispo, CA	2
Los Angeles, CA	San Bernardino, CA	warm	San Miguel, CO	0
Los Angeles, CA	San Bernardino, CA	warm	Sanpete, UT	0
Los Angeles, CA	San Bernardino, CA	warm	Santa Barbara, CA	15
Los Angeles, CA	San Bernardino, CA	warm	Santa Clara, CA	0
Los Angeles, CA	San Bernardino, CA	warm	Santa Cruz, AZ	0
Los Angeles, CA	San Bernardino, CA	warm	Santa Cruz, CA	0
Los Angeles, CA	San Bernardino, CA	warm	Sevier, UT	0
Los Angeles, CA	San Bernardino, CA	warm	Stanislaus, CA	1
Los Angeles, CA	San Bernardino, CA	warm	Storey, NV	0
Los Angeles, CA	San Bernardino, CA	warm	Tooele, UT	0
Los Angeles, CA	San Bernardino, CA	warm	Tulare, CA	3
Los Angeles, CA	San Bernardino, CA	warm	Tuolumne, CA	0
Los Angeles, CA	San Bernardino, CA	warm	Ventura, CA	40
Los Angeles, CA	San Bernardino, CA	warm	Washington, UT	0
Los Angeles, CA	San Bernardino, CA	warm	Washoe, NV	0
Los Angeles, CA	San Bernardino, CA	warm	Wayne, UT	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Los Angeles, CA	San Bernardino, CA	warm	White Pine, NV	0
Los Angeles, CA	San Bernardino, CA	warm	Yavapai, AZ	1
Los Angeles, CA	San Bernardino, CA	warm	Yuma, AZ	1
Louisville, KY	Clark, IN	cold	Adair, KY	23
Louisville, KY	Clark, IN	cold	Allen, KY	17
Louisville, KY	Clark, IN	cold	Anderson, KY	52
Louisville, KY	Clark, IN	cold	Barren, KY	21
Louisville, KY	Clark, IN	cold	Bartholomew, IN	19
Louisville, KY	Clark, IN	cold	Boone, KY	32
Louisville, KY	Clark, IN	cold	Bourbon, KY	22
Louisville, KY	Clark, IN	cold	Boyle, KY	32
Louisville, KY	Clark, IN	cold	Breckinridge, KY	43
Louisville, KY	Clark, IN	cold	Brown, IN	20
Louisville, KY	Clark, IN	cold	Bullitt, KY	89
Louisville, KY	Clark, IN	cold	Butler, KY	18
Louisville, KY	Clark, IN	cold	Butler, OH	19
Louisville, KY	Clark, IN	cold	Campbell, KY	27
Louisville, KY	Clark, IN	cold	Carroll, KY	53
Louisville, KY	Clark, IN	cold	Casey, KY	26
Louisville, KY	Clark, IN	cold	Clark, IL	11
Louisville, KY	Clark, IN	cold	Clark, IN	85
Louisville, KY	Clark, IN	cold	Clay, IN	15
Louisville, KY	Clark, IN	cold	Clermont, OH	23
Louisville, KY	Clark, IN	cold	Crawford, IL	13
Louisville, KY	Clark, IN	cold	Crawford, IN	54
Louisville, KY	Clark, IN	cold	Cumberland, KY	18
Louisville, KY	Clark, IN	cold	Daviess, IN	21
Louisville, KY	Clark, IN	cold	Daviess, KY	19
Louisville, KY	Clark, IN	cold	Dearborn, IN	26
Louisville, KY	Clark, IN	cold	Decatur, IN	16
Louisville, KY	Clark, IN	cold	Dubois, IN	28
Louisville, KY	Clark, IN	cold	Edmonson, KY	24
Louisville, KY	Clark, IN	cold	Fayette, IN	11
Louisville, KY	Clark, IN	cold	Fayette, KY	28
Louisville, KY	Clark, IN	cold	Floyd, IN	98
Louisville, KY	Clark, IN	cold	Franklin, IN	16
Louisville, KY	Clark, IN	cold	Franklin, KY	51
Louisville, KY	Clark, IN	cold	Gallatin, KY	41
Louisville, KY	Clark, IN	cold	Garrard, KY	26
Louisville, KY	Clark, IN	cold	Gibson, IN	12
Louisville, KY	Clark, IN	cold	Grant, KY	36
Louisville, KY	Clark, IN	cold	Grayson, KY	30
Louisville, KY	Clark, IN	cold	Green, KY	28
Louisville, KY	Clark, IN	cold	Greene, IN	21
Louisville, KY	Clark, IN	cold	Hamilton, OH	25
Louisville, KY	Clark, IN	cold	Hancock, IN	7
Louisville, KY	Clark, IN	cold	Hancock, KY	29
Louisville, KY	Clark, IN	cold	Hardin, KY	57
Louisville, KY	Clark, IN	cold	Harrison, IN	85

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Louisville, KY	Clark, IN	cold	Harrison, KY	27
Louisville, KY	Clark, IN	cold	Hart, KY	30
Louisville, KY	Clark, IN	cold	Henderson, KY	13
Louisville, KY	Clark, IN	cold	Hendricks, IN	9
Louisville, KY	Clark, IN	cold	Henry, IN	6
Louisville, KY	Clark, IN	cold	Henry, KY	64
Louisville, KY	Clark, IN	cold	Jackson, IN	35
Louisville, KY	Clark, IN	cold	Jefferson, IN	49
Louisville, KY	Clark, IN	cold	Jefferson, KY	100
Louisville, KY	Clark, IN	cold	Jennings, IN	32
Louisville, KY	Clark, IN	cold	Jessamine, KY	30
Louisville, KY	Clark, IN	cold	Johnson, IN	12
Louisville, KY	Clark, IN	cold	Kenton, KY	30
Louisville, KY	Clark, IN	cold	Knox, IN	15
Louisville, KY	Clark, IN	cold	Larue, KY	44
Louisville, KY	Clark, IN	cold	Lawrence, IL	12
Louisville, KY	Clark, IN	cold	Lawrence, IN	32
Louisville, KY	Clark, IN	cold	Logan, KY	12
Louisville, KY	Clark, IN	cold	Marion, IN	8
Louisville, KY	Clark, IN	cold	Marion, KY	38
Louisville, KY	Clark, IN	cold	Martin, IN	28
Louisville, KY	Clark, IN	cold	McLean, KY	14
Louisville, KY	Clark, IN	cold	Meade, KY	68
Louisville, KY	Clark, IN	cold	Mercer, KY	39
Louisville, KY	Clark, IN	cold	Metcalfe, KY	21
Louisville, KY	Clark, IN	cold	Monroe, IN	22
Louisville, KY	Clark, IN	cold	Monroe, KY	18
Louisville, KY	Clark, IN	cold	Montgomery, OH	12
Louisville, KY	Clark, IN	cold	Morgan, IN	14
Louisville, KY	Clark, IN	cold	Muhlenberg, KY	13
Louisville, KY	Clark, IN	cold	Nelson, KY	63
Louisville, KY	Clark, IN	cold	Ohio, IN	35
Louisville, KY	Clark, IN	cold	Ohio, KY	20
Louisville, KY	Clark, IN	cold	Oldham, KY	88
Louisville, KY	Clark, IN	cold	Orange, IN	44
Louisville, KY	Clark, IN	cold	Owen, IN	17
Louisville, KY	Clark, IN	cold	Owen, KY	45
Louisville, KY	Clark, IN	cold	Parke, IN	9
Louisville, KY	Clark, IN	cold	Pendleton, KY	28
Louisville, KY	Clark, IN	cold	Perry, IN	40
Louisville, KY	Clark, IN	cold	Pike, IN	18
Louisville, KY	Clark, IN	cold	Preble, OH	11
Louisville, KY	Clark, IN	cold	Putnam, IN	12
Louisville, KY	Clark, IN	cold	Ripley, IN	26
Louisville, KY	Clark, IN	cold	Rush, IN	10
Louisville, KY	Clark, IN	cold	Scott, IN	61
Louisville, KY	Clark, IN	cold	Scott, KY	35
Louisville, KY	Clark, IN	cold	Shelby, IN	11
Louisville, KY	Clark, IN	cold	Shelby, KY	72

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Louisville, KY	Clark, IN	cold	Spencer, IN	23
Louisville, KY	Clark, IN	cold	Spencer, KY	77
Louisville, KY	Clark, IN	cold	Sullivan, IN	16
Louisville, KY	Clark, IN	cold	Switzerland, IN	42
Louisville, KY	Clark, IN	cold	Taylor, KY	30
Louisville, KY	Clark, IN	cold	Trimble, KY	65
Louisville, KY	Clark, IN	cold	Union, IN	12
Louisville, KY	Clark, IN	cold	Vanderburgh, IN	13
Louisville, KY	Clark, IN	cold	Vigo, IN	13
Louisville, KY	Clark, IN	cold	Wabash, IL	10
Louisville, KY	Clark, IN	cold	Warren, KY	18
Louisville, KY	Clark, IN	cold	Warren, OH	19
Louisville, KY	Clark, IN	cold	Warrick, IN	17
Louisville, KY	Clark, IN	cold	Washington, IN	61
Louisville, KY	Clark, IN	cold	Washington, KY	47
Louisville, KY	Clark, IN	cold	Wayne, IN	8
Louisville, KY	Clark, IN	cold	Woodford, KY	39
Louisville, KY	Clark, IN	warm	Adair, KY	8
Louisville, KY	Clark, IN	warm	Allen, KY	6
Louisville, KY	Clark, IN	warm	Anderson, KY	46
Louisville, KY	Clark, IN	warm	Barren, KY	9
Louisville, KY	Clark, IN	warm	Bartholomew, IN	2
Louisville, KY	Clark, IN	warm	Boone, KY	8
Louisville, KY	Clark, IN	warm	Bourbon, KY	21
Louisville, KY	Clark, IN	warm	Boyle, KY	19
Louisville, KY	Clark, IN	warm	Breckinridge, KY	60
Louisville, KY	Clark, IN	warm	Brown, IN	1
Louisville, KY	Clark, IN	warm	Bullitt, KY	91
Louisville, KY	Clark, IN	warm	Butler, KY	40
Louisville, KY	Clark, IN	warm	Butler, OH	5
Louisville, KY	Clark, IN	warm	Campbell, KY	9
Louisville, KY	Clark, IN	warm	Carroll, KY	20
Louisville, KY	Clark, IN	warm	Casey, KY	12
Louisville, KY	Clark, IN	warm	Clark, IL	3
Louisville, KY	Clark, IN	warm	Clark, IN	52
Louisville, KY	Clark, IN	warm	Clay, IN	2
Louisville, KY	Clark, IN	warm	Clermont, OH	8
Louisville, KY	Clark, IN	warm	Crawford, IL	3
Louisville, KY	Clark, IN	warm	Crawford, IN	41
Louisville, KY	Clark, IN	warm	Cumberland, KY	4
Louisville, KY	Clark, IN	warm	Daviess, IN	6
Louisville, KY	Clark, IN	warm	Daviess, KY	34
Louisville, KY	Clark, IN	warm	Dearborn, IN	5
Louisville, KY	Clark, IN	warm	Decatur, IN	2
Louisville, KY	Clark, IN	warm	Dubois, IN	18
Louisville, KY	Clark, IN	warm	Edmonson, KY	29
Louisville, KY	Clark, IN	warm	Fayette, IN	2
Louisville, KY	Clark, IN	warm	Fayette, KY	26
Louisville, KY	Clark, IN	warm	Floyd, IN	88

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Louisville, KY	Clark, IN	warm	Franklin, IN	3
Louisville, KY	Clark, IN	warm	Franklin, KY	44
Louisville, KY	Clark, IN	warm	Gallatin, KY	14
Louisville, KY	Clark, IN	warm	Garrard, KY	15
Louisville, KY	Clark, IN	warm	Gibson, IN	11
Louisville, KY	Clark, IN	warm	Grant, KY	17
Louisville, KY	Clark, IN	warm	Grayson, KY	48
Louisville, KY	Clark, IN	warm	Green, KY	14
Louisville, KY	Clark, IN	warm	Greene, IN	2
Louisville, KY	Clark, IN	warm	Hamilton, OH	7
Louisville, KY	Clark, IN	warm	Hancock, IN	1
Louisville, KY	Clark, IN	warm	Hancock, KY	44
Louisville, KY	Clark, IN	warm	Hardin, KY	58
Louisville, KY	Clark, IN	warm	Harrison, IN	81
Louisville, KY	Clark, IN	warm	Harrison, KY	20
Louisville, KY	Clark, IN	warm	Hart, KY	22
Louisville, KY	Clark, IN	warm	Henderson, KY	24
Louisville, KY	Clark, IN	warm	Hendricks, IN	1
Louisville, KY	Clark, IN	warm	Henry, IN	1
Louisville, KY	Clark, IN	warm	Henry, KY	39
Louisville, KY	Clark, IN	warm	Jackson, IN	5
Louisville, KY	Clark, IN	warm	Jefferson, IN	13
Louisville, KY	Clark, IN	warm	Jefferson, KY	100
Louisville, KY	Clark, IN	warm	Jennings, IN	5
Louisville, KY	Clark, IN	warm	Jessamine, KY	24
Louisville, KY	Clark, IN	warm	Johnson, IN	1
Louisville, KY	Clark, IN	warm	Kenton, KY	9
Louisville, KY	Clark, IN	warm	Knox, IN	5
Louisville, KY	Clark, IN	warm	Larue, KY	32
Louisville, KY	Clark, IN	warm	Lawrence, IL	5
Louisville, KY	Clark, IN	warm	Lawrence, IN	5
Louisville, KY	Clark, IN	warm	Logan, KY	18
Louisville, KY	Clark, IN	warm	Marion, IN	1
Louisville, KY	Clark, IN	warm	Marion, KY	23
Louisville, KY	Clark, IN	warm	Martin, IN	7
Louisville, KY	Clark, IN	warm	McLean, KY	30
Louisville, KY	Clark, IN	warm	Meade, KY	75
Louisville, KY	Clark, IN	warm	Mercer, KY	29
Louisville, KY	Clark, IN	warm	Metcalfe, KY	7
Louisville, KY	Clark, IN	warm	Monroe, IN	1
Louisville, KY	Clark, IN	warm	Monroe, KY	4
Louisville, KY	Clark, IN	warm	Montgomery, OH	4
Louisville, KY	Clark, IN	warm	Morgan, IN	1
Louisville, KY	Clark, IN	warm	Muhlenberg, KY	32
Louisville, KY	Clark, IN	warm	Nelson, KY	53
Louisville, KY	Clark, IN	warm	Ohio, IN	8
Louisville, KY	Clark, IN	warm	Ohio, KY	45
Louisville, KY	Clark, IN	warm	Oldham, KY	63
Louisville, KY	Clark, IN	warm	Orange, IN	18

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Louisville, KY	Clark, IN	warm	Owen, IN	1
Louisville, KY	Clark, IN	warm	Owen, KY	26
Louisville, KY	Clark, IN	warm	Parke, IN	2
Louisville, KY	Clark, IN	warm	Pendleton, KY	13
Louisville, KY	Clark, IN	warm	Perry, IN	42
Louisville, KY	Clark, IN	warm	Pike, IN	12
Louisville, KY	Clark, IN	warm	Preble, OH	3
Louisville, KY	Clark, IN	warm	Putnam, IN	1
Louisville, KY	Clark, IN	warm	Ripley, IN	5
Louisville, KY	Clark, IN	warm	Rush, IN	1
Louisville, KY	Clark, IN	warm	Scott, IN	19
Louisville, KY	Clark, IN	warm	Scott, KY	31
Louisville, KY	Clark, IN	warm	Shelby, IN	1
Louisville, KY	Clark, IN	warm	Shelby, KY	63
Louisville, KY	Clark, IN	warm	Spencer, IN	29
Louisville, KY	Clark, IN	warm	Spencer, KY	73
Louisville, KY	Clark, IN	warm	Sullivan, IN	3
Louisville, KY	Clark, IN	warm	Switzerland, IN	11
Louisville, KY	Clark, IN	warm	Taylor, KY	15
Louisville, KY	Clark, IN	warm	Trimble, KY	27
Louisville, KY	Clark, IN	warm	Union, IN	3
Louisville, KY	Clark, IN	warm	Vanderburgh, IN	20
Louisville, KY	Clark, IN	warm	Vigo, IN	2
Louisville, KY	Clark, IN	warm	Wabash, IL	6
Louisville, KY	Clark, IN	warm	Warren, KY	20
Louisville, KY	Clark, IN	warm	Warren, OH	6
Louisville, KY	Clark, IN	warm	Warrick, IN	21
Louisville, KY	Clark, IN	warm	Washington, IN	25
Louisville, KY	Clark, IN	warm	Washington, KY	34
Louisville, KY	Clark, IN	warm	Wayne, IN	1
Louisville, KY	Clark, IN	warm	Woodford, KY	36
Louisville, KY	Jefferson, KY	cold	Adair, KY	22
Louisville, KY	Jefferson, KY	cold	Allen, KY	18
Louisville, KY	Jefferson, KY	cold	Anderson, KY	57
Louisville, KY	Jefferson, KY	cold	Barren, KY	21
Louisville, KY	Jefferson, KY	cold	Bartholomew, IN	16
Louisville, KY	Jefferson, KY	cold	Boone, KY	35
Louisville, KY	Jefferson, KY	cold	Bourbon, KY	29
Louisville, KY	Jefferson, KY	cold	Boyle, KY	35
Louisville, KY	Jefferson, KY	cold	Breckinridge, KY	45
Louisville, KY	Jefferson, KY	cold	Brown, IN	15
Louisville, KY	Jefferson, KY	cold	Bullitt, KY	90
Louisville, KY	Jefferson, KY	cold	Butler, KY	20
Louisville, KY	Jefferson, KY	cold	Butler, OH	19
Louisville, KY	Jefferson, KY	cold	Campbell, KY	32
Louisville, KY	Jefferson, KY	cold	Carroll, KY	56
Louisville, KY	Jefferson, KY	cold	Casey, KY	26
Louisville, KY	Jefferson, KY	cold	Clark, IL	7
Louisville, KY	Jefferson, KY	cold	Clark, IN	84

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Louisville, KY	Jefferson, KY	cold	Clay, IN	9
Louisville, KY	Jefferson, KY	cold	Clermont, OH	28
Louisville, KY	Jefferson, KY	cold	Crawford, IL	9
Louisville, KY	Jefferson, KY	cold	Crawford, IN	55
Louisville, KY	Jefferson, KY	cold	Cumberland, KY	17
Louisville, KY	Jefferson, KY	cold	Daviess, IN	18
Louisville, KY	Jefferson, KY	cold	Daviess, KY	19
Louisville, KY	Jefferson, KY	cold	Dearborn, IN	27
Louisville, KY	Jefferson, KY	cold	Decatur, IN	14
Louisville, KY	Jefferson, KY	cold	Dubois, IN	28
Louisville, KY	Jefferson, KY	cold	Edmonson, KY	26
Louisville, KY	Jefferson, KY	cold	Fayette, IN	8
Louisville, KY	Jefferson, KY	cold	Fayette, KY	34
Louisville, KY	Jefferson, KY	cold	Floyd, IN	97
Louisville, KY	Jefferson, KY	cold	Franklin, IN	15
Louisville, KY	Jefferson, KY	cold	Franklin, KY	56
Louisville, KY	Jefferson, KY	cold	Gallatin, KY	44
Louisville, KY	Jefferson, KY	cold	Garrard, KY	28
Louisville, KY	Jefferson, KY	cold	Gibson, IN	13
Louisville, KY	Jefferson, KY	cold	Grant, KY	42
Louisville, KY	Jefferson, KY	cold	Grayson, KY	33
Louisville, KY	Jefferson, KY	cold	Green, KY	29
Louisville, KY	Jefferson, KY	cold	Greene, IN	15
Louisville, KY	Jefferson, KY	cold	Hamilton, OH	27
Louisville, KY	Jefferson, KY	cold	Hancock, IN	4
Louisville, KY	Jefferson, KY	cold	Hancock, KY	30
Louisville, KY	Jefferson, KY	cold	Hardin, KY	60
Louisville, KY	Jefferson, KY	cold	Harrison, IN	85
Louisville, KY	Jefferson, KY	cold	Harrison, KY	34
Louisville, KY	Jefferson, KY	cold	Hart, KY	32
Louisville, KY	Jefferson, KY	cold	Henderson, KY	13
Louisville, KY	Jefferson, KY	cold	Hendricks, IN	6
Louisville, KY	Jefferson, KY	cold	Henry, IN	4
Louisville, KY	Jefferson, KY	cold	Henry, KY	67
Louisville, KY	Jefferson, KY	cold	Jackson, IN	32
Louisville, KY	Jefferson, KY	cold	Jefferson, IN	49
Louisville, KY	Jefferson, KY	cold	Jefferson, KY	100
Louisville, KY	Jefferson, KY	cold	Jennings, IN	30
Louisville, KY	Jefferson, KY	cold	Jessamine, KY	35
Louisville, KY	Jefferson, KY	cold	Johnson, IN	8
Louisville, KY	Jefferson, KY	cold	Kenton, KY	34
Louisville, KY	Jefferson, KY	cold	Knox, IN	13
Louisville, KY	Jefferson, KY	cold	Larue, KY	47
Louisville, KY	Jefferson, KY	cold	Lawrence, IL	10
Louisville, KY	Jefferson, KY	cold	Lawrence, IN	27
Louisville, KY	Jefferson, KY	cold	Logan, KY	14
Louisville, KY	Jefferson, KY	cold	Marion, IN	5
Louisville, KY	Jefferson, KY	cold	Marion, KY	41
Louisville, KY	Jefferson, KY	cold	Martin, IN	24

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Louisville, KY	Jefferson, KY	cold	McLean, KY	15
Louisville, KY	Jefferson, KY	cold	Meade, KY	70
Louisville, KY	Jefferson, KY	cold	Mercer, KY	43
Louisville, KY	Jefferson, KY	cold	Metcalfe, KY	21
Louisville, KY	Jefferson, KY	cold	Monroe, IN	16
Louisville, KY	Jefferson, KY	cold	Monroe, KY	17
Louisville, KY	Jefferson, KY	cold	Montgomery, OH	12
Louisville, KY	Jefferson, KY	cold	Morgan, IN	9
Louisville, KY	Jefferson, KY	cold	Muhlenberg, KY	14
Louisville, KY	Jefferson, KY	cold	Nelson, KY	66
Louisville, KY	Jefferson, KY	cold	Ohio, IN	37
Louisville, KY	Jefferson, KY	cold	Ohio, KY	21
Louisville, KY	Jefferson, KY	cold	Oldham, KY	88
Louisville, KY	Jefferson, KY	cold	Orange, IN	42
Louisville, KY	Jefferson, KY	cold	Owen, IN	11
Louisville, KY	Jefferson, KY	cold	Owen, KY	51
Louisville, KY	Jefferson, KY	cold	Parke, IN	6
Louisville, KY	Jefferson, KY	cold	Pendleton, KY	34
Louisville, KY	Jefferson, KY	cold	Perry, IN	42
Louisville, KY	Jefferson, KY	cold	Pike, IN	18
Louisville, KY	Jefferson, KY	cold	Preble, OH	10
Louisville, KY	Jefferson, KY	cold	Putnam, IN	7
Louisville, KY	Jefferson, KY	cold	Ripley, IN	26
Louisville, KY	Jefferson, KY	cold	Rush, IN	7
Louisville, KY	Jefferson, KY	cold	Scott, IN	59
Louisville, KY	Jefferson, KY	cold	Scott, KY	42
Louisville, KY	Jefferson, KY	cold	Shelby, IN	8
Louisville, KY	Jefferson, KY	cold	Shelby, KY	76
Louisville, KY	Jefferson, KY	cold	Spencer, IN	24
Louisville, KY	Jefferson, KY	cold	Spencer, KY	80
Louisville, KY	Jefferson, KY	cold	Sullivan, IN	10
Louisville, KY	Jefferson, KY	cold	Switzerland, IN	44
Louisville, KY	Jefferson, KY	cold	Taylor, KY	31
Louisville, KY	Jefferson, KY	cold	Trimble, KY	66
Louisville, KY	Jefferson, KY	cold	Union, IN	10
Louisville, KY	Jefferson, KY	cold	Vanderburgh, IN	13
Louisville, KY	Jefferson, KY	cold	Vigo, IN	7
Louisville, KY	Jefferson, KY	cold	Wabash, IL	10
Louisville, KY	Jefferson, KY	cold	Warren, KY	20
Louisville, KY	Jefferson, KY	cold	Warren, OH	21
Louisville, KY	Jefferson, KY	cold	Warrick, IN	18
Louisville, KY	Jefferson, KY	cold	Washington, IN	59
Louisville, KY	Jefferson, KY	cold	Washington, KY	51
Louisville, KY	Jefferson, KY	cold	Wayne, IN	6
Louisville, KY	Jefferson, KY	cold	Woodford, KY	45
Louisville, KY	Jefferson, KY	warm	Adair, KY	12
Louisville, KY	Jefferson, KY	warm	Allen, KY	9
Louisville, KY	Jefferson, KY	warm	Anderson, KY	52
Louisville, KY	Jefferson, KY	warm	Barren, KY	13

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Louisville, KY	Jefferson, KY	warm	Bartholomew, IN	1
Louisville, KY	Jefferson, KY	warm	Boone, KY	9
Louisville, KY	Jefferson, KY	warm	Bourbon, KY	25
Louisville, KY	Jefferson, KY	warm	Boyle, KY	26
Louisville, KY	Jefferson, KY	warm	Breckinridge, KY	69
Louisville, KY	Jefferson, KY	warm	Brown, IN	1
Louisville, KY	Jefferson, KY	warm	Bullitt, KY	99
Louisville, KY	Jefferson, KY	warm	Butler, KY	45
Louisville, KY	Jefferson, KY	warm	Butler, OH	5
Louisville, KY	Jefferson, KY	warm	Campbell, KY	10
Louisville, KY	Jefferson, KY	warm	Carroll, KY	21
Louisville, KY	Jefferson, KY	warm	Casey, KY	17
Louisville, KY	Jefferson, KY	warm	Clark, IL	3
Louisville, KY	Jefferson, KY	warm	Clark, IN	53
Louisville, KY	Jefferson, KY	warm	Clay, IN	2
Louisville, KY	Jefferson, KY	warm	Clermont, OH	9
Louisville, KY	Jefferson, KY	warm	Crawford, IL	4
Louisville, KY	Jefferson, KY	warm	Crawford, IN	42
Louisville, KY	Jefferson, KY	warm	Cumberland, KY	6
Louisville, KY	Jefferson, KY	warm	Daviess, IN	6
Louisville, KY	Jefferson, KY	warm	Daviess, KY	39
Louisville, KY	Jefferson, KY	warm	Dearborn, IN	5
Louisville, KY	Jefferson, KY	warm	Decatur, IN	2
Louisville, KY	Jefferson, KY	warm	Dubois, IN	19
Louisville, KY	Jefferson, KY	warm	Edmonson, KY	34
Louisville, KY	Jefferson, KY	warm	Fayette, IN	2
Louisville, KY	Jefferson, KY	warm	Fayette, KY	31
Louisville, KY	Jefferson, KY	warm	Floyd, IN	87
Louisville, KY	Jefferson, KY	warm	Franklin, IN	3
Louisville, KY	Jefferson, KY	warm	Franklin, KY	47
Louisville, KY	Jefferson, KY	warm	Gallatin, KY	15
Louisville, KY	Jefferson, KY	warm	Garrard, KY	21
Louisville, KY	Jefferson, KY	warm	Gibson, IN	11
Louisville, KY	Jefferson, KY	warm	Grant, KY	19
Louisville, KY	Jefferson, KY	warm	Grayson, KY	56
Louisville, KY	Jefferson, KY	warm	Green, KY	19
Louisville, KY	Jefferson, KY	warm	Greene, IN	2
Louisville, KY	Jefferson, KY	warm	Hamilton, OH	7
Louisville, KY	Jefferson, KY	warm	Hancock, IN	1
Louisville, KY	Jefferson, KY	warm	Hancock, KY	50
Louisville, KY	Jefferson, KY	warm	Hardin, KY	70
Louisville, KY	Jefferson, KY	warm	Harrison, IN	83
Louisville, KY	Jefferson, KY	warm	Harrison, KY	23
Louisville, KY	Jefferson, KY	warm	Hart, KY	29
Louisville, KY	Jefferson, KY	warm	Henderson, KY	27
Louisville, KY	Jefferson, KY	warm	Hendricks, IN	1
Louisville, KY	Jefferson, KY	warm	Henry, IN	1
Louisville, KY	Jefferson, KY	warm	Henry, KY	41
Louisville, KY	Jefferson, KY	warm	Jackson, IN	5

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Louisville, KY	Jefferson, KY	warm	Jefferson, IN	13
Louisville, KY	Jefferson, KY	warm	Jefferson, KY	100
Louisville, KY	Jefferson, KY	warm	Jennings, IN	5
Louisville, KY	Jefferson, KY	warm	Jessamine, KY	30
Louisville, KY	Jefferson, KY	warm	Johnson, IN	1
Louisville, KY	Jefferson, KY	warm	Kenton, KY	10
Louisville, KY	Jefferson, KY	warm	Knox, IN	6
Louisville, KY	Jefferson, KY	warm	Larue, KY	42
Louisville, KY	Jefferson, KY	warm	Lawrence, IL	5
Louisville, KY	Jefferson, KY	warm	Lawrence, IN	5
Louisville, KY	Jefferson, KY	warm	Logan, KY	21
Louisville, KY	Jefferson, KY	warm	Marion, IN	1
Louisville, KY	Jefferson, KY	warm	Marion, KY	31
Louisville, KY	Jefferson, KY	warm	Martin, IN	8
Louisville, KY	Jefferson, KY	warm	McLean, KY	36
Louisville, KY	Jefferson, KY	warm	Meade, KY	83
Louisville, KY	Jefferson, KY	warm	Mercer, KY	37
Louisville, KY	Jefferson, KY	warm	Metcalfe, KY	11
Louisville, KY	Jefferson, KY	warm	Monroe, IN	1
Louisville, KY	Jefferson, KY	warm	Monroe, KY	7
Louisville, KY	Jefferson, KY	warm	Montgomery, OH	4
Louisville, KY	Jefferson, KY	warm	Morgan, IN	1
Louisville, KY	Jefferson, KY	warm	Muhlenberg, KY	38
Louisville, KY	Jefferson, KY	warm	Nelson, KY	63
Louisville, KY	Jefferson, KY	warm	Ohio, IN	8
Louisville, KY	Jefferson, KY	warm	Ohio, KY	52
Louisville, KY	Jefferson, KY	warm	Oldham, KY	64
Louisville, KY	Jefferson, KY	warm	Orange, IN	19
Louisville, KY	Jefferson, KY	warm	Owen, IN	1
Louisville, KY	Jefferson, KY	warm	Owen, KY	28
Louisville, KY	Jefferson, KY	warm	Parke, IN	2
Louisville, KY	Jefferson, KY	warm	Pendleton, KY	15
Louisville, KY	Jefferson, KY	warm	Perry, IN	45
Louisville, KY	Jefferson, KY	warm	Pike, IN	13
Louisville, KY	Jefferson, KY	warm	Preble, OH	3
Louisville, KY	Jefferson, KY	warm	Putnam, IN	1
Louisville, KY	Jefferson, KY	warm	Ripley, IN	4
Louisville, KY	Jefferson, KY	warm	Rush, IN	1
Louisville, KY	Jefferson, KY	warm	Scott, IN	20
Louisville, KY	Jefferson, KY	warm	Scott, KY	34
Louisville, KY	Jefferson, KY	warm	Shelby, IN	1
Louisville, KY	Jefferson, KY	warm	Shelby, KY	65
Louisville, KY	Jefferson, KY	warm	Spencer, IN	32
Louisville, KY	Jefferson, KY	warm	Spencer, KY	78
Louisville, KY	Jefferson, KY	warm	Sullivan, IN	3
Louisville, KY	Jefferson, KY	warm	Switzerland, IN	12
Louisville, KY	Jefferson, KY	warm	Taylor, KY	21
Louisville, KY	Jefferson, KY	warm	Trimble, KY	28
Louisville, KY	Jefferson, KY	warm	Union, IN	2

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Louisville, KY	Jefferson, KY	warm	Vanderburgh, IN	21
Louisville, KY	Jefferson, KY	warm	Vigo, IN	2
Louisville, KY	Jefferson, KY	warm	Wabash, IL	7
Louisville, KY	Jefferson, KY	warm	Warren, KY	23
Louisville, KY	Jefferson, KY	warm	Warren, OH	7
Louisville, KY	Jefferson, KY	warm	Warrick, IN	22
Louisville, KY	Jefferson, KY	warm	Washington, IN	26
Louisville, KY	Jefferson, KY	warm	Washington, KY	43
Louisville, KY	Jefferson, KY	warm	Wayne, IN	1
Louisville, KY	Jefferson, KY	warm	Woodford, KY	41
Madison, WI	Dane, WI	cold	Adams, WI	23
Madison, WI	Dane, WI	cold	Allamakee, IA	15
Madison, WI	Dane, WI	cold	Benton, IA	6
Madison, WI	Dane, WI	cold	Black Hawk, IA	5
Madison, WI	Dane, WI	cold	Boone, IL	35
Madison, WI	Dane, WI	cold	Bremer, IA	6
Madison, WI	Dane, WI	cold	Brown, WI	7
Madison, WI	Dane, WI	cold	Buchanan, IA	7
Madison, WI	Dane, WI	cold	Buffalo, WI	5
Madison, WI	Dane, WI	cold	Bureau, IL	27
Madison, WI	Dane, WI	cold	Calumet, WI	10
Madison, WI	Dane, WI	cold	Carroll, IL	55
Madison, WI	Dane, WI	cold	Cedar, IA	16
Madison, WI	Dane, WI	cold	Chickasaw, IA	7
Madison, WI	Dane, WI	cold	Chippewa, WI	3
Madison, WI	Dane, WI	cold	Clark, WI	4
Madison, WI	Dane, WI	cold	Clayton, IA	17
Madison, WI	Dane, WI	cold	Clinton, IA	33
Madison, WI	Dane, WI	cold	Columbia, WI	66
Madison, WI	Dane, WI	cold	Cook, IL	15
Madison, WI	Dane, WI	cold	Crawford, WI	22
Madison, WI	Dane, WI	cold	Dane, WI	100
Madison, WI	Dane, WI	cold	DeKalb, IL	29
Madison, WI	Dane, WI	cold	Delaware, IA	13
Madison, WI	Dane, WI	cold	Dodge, WI	31
Madison, WI	Dane, WI	cold	Dubuque, IA	27
Madison, WI	Dane, WI	cold	Dunn, WI	3
Madison, WI	Dane, WI	cold	DuPage, IL	19
Madison, WI	Dane, WI	cold	Eau Claire, WI	4
Madison, WI	Dane, WI	cold	Fayette, IA	9
Madison, WI	Dane, WI	cold	Fillmore, MN	7
Madison, WI	Dane, WI	cold	Fond du Lac, WI	16
Madison, WI	Dane, WI	cold	Grant, WI	35
Madison, WI	Dane, WI	cold	Green Lake, WI	28
Madison, WI	Dane, WI	cold	Green, WI	96
Madison, WI	Dane, WI	cold	Grundy, IL	17
Madison, WI	Dane, WI	cold	Henry, IL	21
Madison, WI	Dane, WI	cold	Houston, MN	9
Madison, WI	Dane, WI	cold	Howard, IA	7

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Madison, WI	Dane, WI	cold	Iowa, WI	68
Madison, WI	Dane, WI	cold	Jackson, IA	37
Madison, WI	Dane, WI	cold	Jackson, WI	7
Madison, WI	Dane, WI	cold	Jefferson, WI	45
Madison, WI	Dane, WI	cold	Jo Daviess, IL	58
Madison, WI	Dane, WI	cold	Jones, IA	17
Madison, WI	Dane, WI	cold	Juneau, WI	20
Madison, WI	Dane, WI	cold	Kane, IL	23
Madison, WI	Dane, WI	cold	Kendall, IL	22
Madison, WI	Dane, WI	cold	Kenosha, WI	13
Madison, WI	Dane, WI	cold	Kewaunee, WI	4
Madison, WI	Dane, WI	cold	La Crosse, WI	8
Madison, WI	Dane, WI	cold	La Salle, IL	23
Madison, WI	Dane, WI	cold	Lafayette, WI	68
Madison, WI	Dane, WI	cold	Lake, IL	14
Madison, WI	Dane, WI	cold	Lake, IN	11
Madison, WI	Dane, WI	cold	Langlade, WI	2
Madison, WI	Dane, WI	cold	Lee, IL	37
Madison, WI	Dane, WI	cold	Lincoln, WI	2
Madison, WI	Dane, WI	cold	Linn, IA	9
Madison, WI	Dane, WI	cold	Livingston, IL	13
Madison, WI	Dane, WI	cold	Manitowoc, WI	7
Madison, WI	Dane, WI	cold	Marathon, WI	4
Madison, WI	Dane, WI	cold	Marquette, WI	34
Madison, WI	Dane, WI	cold	Marshall, IL	18
Madison, WI	Dane, WI	cold	McHenry, IL	23
Madison, WI	Dane, WI	cold	Menomonie, WI	4
Madison, WI	Dane, WI	cold	Milwaukee, WI	11
Madison, WI	Dane, WI	cold	Monroe, WI	11
Madison, WI	Dane, WI	cold	Mower, MN	4
Madison, WI	Dane, WI	cold	Oconto, WI	3
Madison, WI	Dane, WI	cold	Ogle, IL	47
Madison, WI	Dane, WI	cold	Olmsted, MN	5
Madison, WI	Dane, WI	cold	Outagamie, WI	9
Madison, WI	Dane, WI	cold	Ozaukee, WI	10
Madison, WI	Dane, WI	cold	Pepin, WI	4
Madison, WI	Dane, WI	cold	Portage, WI	9
Madison, WI	Dane, WI	cold	Putnam, IL	22
Madison, WI	Dane, WI	cold	Racine, WI	13
Madison, WI	Dane, WI	cold	Richland, WI	32
Madison, WI	Dane, WI	cold	Rock Island, IL	19
Madison, WI	Dane, WI	cold	Rock, WI	64
Madison, WI	Dane, WI	cold	Sauk, WI	56
Madison, WI	Dane, WI	cold	Scott, IA	23
Madison, WI	Dane, WI	cold	Shawano, WI	6
Madison, WI	Dane, WI	cold	Sheboygan, WI	8
Madison, WI	Dane, WI	cold	Stephenson, IL	71
Madison, WI	Dane, WI	cold	Taylor, WI	2
Madison, WI	Dane, WI	cold	Trempealeau, WI	5

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Madison, WI	Dane, WI	cold	Vernon, WI	16
Madison, WI	Dane, WI	cold	Wabasha, MN	5
Madison, WI	Dane, WI	cold	Walworth, WI	25
Madison, WI	Dane, WI	cold	Washington, WI	14
Madison, WI	Dane, WI	cold	Waukesha, WI	17
Madison, WI	Dane, WI	cold	Waupaca, WI	9
Madison, WI	Dane, WI	cold	Waushara, WI	16
Madison, WI	Dane, WI	cold	Whiteside, IL	40
Madison, WI	Dane, WI	cold	Will, IL	16
Madison, WI	Dane, WI	cold	Winnebago, IL	52
Madison, WI	Dane, WI	cold	Winnebago, WI	14
Madison, WI	Dane, WI	cold	Winneshiek, IA	10
Madison, WI	Dane, WI	cold	Winona, MN	6
Madison, WI	Dane, WI	cold	Wood, WI	8
Madison, WI	Dane, WI	cold	Woodford, IL	15
Madison, WI	Dane, WI	warm	Adams, WI	24
Madison, WI	Dane, WI	warm	Allamakee, IA	17
Madison, WI	Dane, WI	warm	Benton, IA	6
Madison, WI	Dane, WI	warm	Black Hawk, IA	6
Madison, WI	Dane, WI	warm	Boone, IL	72
Madison, WI	Dane, WI	warm	Bremer, IA	6
Madison, WI	Dane, WI	warm	Brown, WI	5
Madison, WI	Dane, WI	warm	Buchanan, IA	10
Madison, WI	Dane, WI	warm	Buffalo, WI	6
Madison, WI	Dane, WI	warm	Bureau, IL	50
Madison, WI	Dane, WI	warm	Calumet, WI	9
Madison, WI	Dane, WI	warm	Carroll, IL	65
Madison, WI	Dane, WI	warm	Cedar, IA	15
Madison, WI	Dane, WI	warm	Chickasaw, IA	6
Madison, WI	Dane, WI	warm	Chippewa, WI	4
Madison, WI	Dane, WI	warm	Clark, WI	5
Madison, WI	Dane, WI	warm	Clayton, IA	21
Madison, WI	Dane, WI	warm	Clinton, IA	36
Madison, WI	Dane, WI	warm	Columbia, WI	62
Madison, WI	Dane, WI	warm	Cook, IL	42
Madison, WI	Dane, WI	warm	Crawford, WI	29
Madison, WI	Dane, WI	warm	Dane, WI	93
Madison, WI	Dane, WI	warm	DeKalb, IL	56
Madison, WI	Dane, WI	warm	Delaware, IA	18
Madison, WI	Dane, WI	warm	Dodge, WI	45
Madison, WI	Dane, WI	warm	Dubuque, IA	35
Madison, WI	Dane, WI	warm	Dunn, WI	4
Madison, WI	Dane, WI	warm	DuPage, IL	45
Madison, WI	Dane, WI	warm	Eau Claire, WI	5
Madison, WI	Dane, WI	warm	Fayette, IA	10
Madison, WI	Dane, WI	warm	Fillmore, MN	6
Madison, WI	Dane, WI	warm	Fond du Lac, WI	21
Madison, WI	Dane, WI	warm	Grant, WI	45
Madison, WI	Dane, WI	warm	Green Lake, WI	28

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Madison, WI	Dane, WI	warm	Green, WI	100
Madison, WI	Dane, WI	warm	Grundy, IL	37
Madison, WI	Dane, WI	warm	Henry, IL	37
Madison, WI	Dane, WI	warm	Houston, MN	11
Madison, WI	Dane, WI	warm	Howard, IA	5
Madison, WI	Dane, WI	warm	Iowa, WI	76
Madison, WI	Dane, WI	warm	Jackson, IA	42
Madison, WI	Dane, WI	warm	Jackson, WI	10
Madison, WI	Dane, WI	warm	Jefferson, WI	73
Madison, WI	Dane, WI	warm	Jo Daviess, IL	67
Madison, WI	Dane, WI	warm	Jones, IA	20
Madison, WI	Dane, WI	warm	Juneau, WI	25
Madison, WI	Dane, WI	warm	Kane, IL	50
Madison, WI	Dane, WI	warm	Kendall, IL	43
Madison, WI	Dane, WI	warm	Kenosha, WI	47
Madison, WI	Dane, WI	warm	Kewaunee, WI	5
Madison, WI	Dane, WI	warm	La Crosse, WI	14
Madison, WI	Dane, WI	warm	La Salle, IL	45
Madison, WI	Dane, WI	warm	Lafayette, WI	79
Madison, WI	Dane, WI	warm	Lake, IL	47
Madison, WI	Dane, WI	warm	Lake, IN	36
Madison, WI	Dane, WI	warm	Langlade, WI	0
Madison, WI	Dane, WI	warm	Lee, IL	59
Madison, WI	Dane, WI	warm	Lincoln, WI	0
Madison, WI	Dane, WI	warm	Linn, IA	10
Madison, WI	Dane, WI	warm	Livingston, IL	33
Madison, WI	Dane, WI	warm	Manitowoc, WI	8
Madison, WI	Dane, WI	warm	Marathon, WI	2
Madison, WI	Dane, WI	warm	Marquette, WI	32
Madison, WI	Dane, WI	warm	Marshall, IL	44
Madison, WI	Dane, WI	warm	McHenry, IL	59
Madison, WI	Dane, WI	warm	Menomonie, WI	1
Madison, WI	Dane, WI	warm	Milwaukee, WI	35
Madison, WI	Dane, WI	warm	Monroe, WI	18
Madison, WI	Dane, WI	warm	Mower, MN	2
Madison, WI	Dane, WI	warm	Oconto, WI	2
Madison, WI	Dane, WI	warm	Ogle, IL	71
Madison, WI	Dane, WI	warm	Olmsted, MN	3
Madison, WI	Dane, WI	warm	Outagamie, WI	5
Madison, WI	Dane, WI	warm	Ozaukee, WI	23
Madison, WI	Dane, WI	warm	Pepin, WI	4
Madison, WI	Dane, WI	warm	Portage, WI	5
Madison, WI	Dane, WI	warm	Putnam, IL	47
Madison, WI	Dane, WI	warm	Racine, WI	45
Madison, WI	Dane, WI	warm	Richland, WI	46
Madison, WI	Dane, WI	warm	Rock Island, IL	24
Madison, WI	Dane, WI	warm	Rock, WI	91
Madison, WI	Dane, WI	warm	Sauk, WI	61
Madison, WI	Dane, WI	warm	Scott, IA	26

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Madison, WI	Dane, WI	warm	Shawano, WI	2
Madison, WI	Dane, WI	warm	Sheboygan, WI	14
Madison, WI	Dane, WI	warm	Stephenson, IL	86
Madison, WI	Dane, WI	warm	Taylor, WI	2
Madison, WI	Dane, WI	warm	Trempealeau, WI	8
Madison, WI	Dane, WI	warm	Vernon, WI	25
Madison, WI	Dane, WI	warm	Wabasha, MN	4
Madison, WI	Dane, WI	warm	Walworth, WI	65
Madison, WI	Dane, WI	warm	Washington, WI	30
Madison, WI	Dane, WI	warm	Waukesha, WI	46
Madison, WI	Dane, WI	warm	Waupaca, WI	4
Madison, WI	Dane, WI	warm	Waushara, WI	13
Madison, WI	Dane, WI	warm	Whiteside, IL	54
Madison, WI	Dane, WI	warm	Will, IL	38
Madison, WI	Dane, WI	warm	Winnebago, IL	82
Madison, WI	Dane, WI	warm	Winnebago, WI	11
Madison, WI	Dane, WI	warm	Winneshiek, IA	9
Madison, WI	Dane, WI	warm	Winona, MN	7
Madison, WI	Dane, WI	warm	Wood, WI	7
Madison, WI	Dane, WI	warm	Woodford, IL	41
Milwaukee, WI	Milwaukee, WI	cold	Adams, WI	1
Milwaukee, WI	Milwaukee, WI	cold	Boone, IL	25
Milwaukee, WI	Milwaukee, WI	cold	Brown, WI	2
Milwaukee, WI	Milwaukee, WI	cold	Calumet, WI	4
Milwaukee, WI	Milwaukee, WI	cold	Carroll, IL	9
Milwaukee, WI	Milwaukee, WI	cold	Columbia, WI	5
Milwaukee, WI	Milwaukee, WI	cold	Cook, IL	34
Milwaukee, WI	Milwaukee, WI	cold	Dane, WI	8
Milwaukee, WI	Milwaukee, WI	cold	DeKalb, IL	23
Milwaukee, WI	Milwaukee, WI	cold	Dodge, WI	16
Milwaukee, WI	Milwaukee, WI	cold	Door, WI	0
Milwaukee, WI	Milwaukee, WI	cold	DuPage, IL	33
Milwaukee, WI	Milwaukee, WI	cold	Fond du Lac, WI	9
Milwaukee, WI	Milwaukee, WI	cold	Grant, WI	4
Milwaukee, WI	Milwaukee, WI	cold	Green Lake, WI	4
Milwaukee, WI	Milwaukee, WI	cold	Green, WI	9
Milwaukee, WI	Milwaukee, WI	cold	Iowa, WI	4
Milwaukee, WI	Milwaukee, WI	cold	Jackson, WI	1
Milwaukee, WI	Milwaukee, WI	cold	Jefferson, WI	24
Milwaukee, WI	Milwaukee, WI	cold	Juneau, WI	1
Milwaukee, WI	Milwaukee, WI	cold	Kane, IL	29
Milwaukee, WI	Milwaukee, WI	cold	Kendall, IL	22
Milwaukee, WI	Milwaukee, WI	cold	Kenosha, WI	71
Milwaukee, WI	Milwaukee, WI	cold	Kewaunee, WI	1
Milwaukee, WI	Milwaukee, WI	cold	La Salle, IL	15
Milwaukee, WI	Milwaukee, WI	cold	Lafayette, WI	6
Milwaukee, WI	Milwaukee, WI	cold	Lake, IL	51
Milwaukee, WI	Milwaukee, WI	cold	Lake, IN	27
Milwaukee, WI	Milwaukee, WI	cold	Lee, IL	16

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Milwaukee, WI	Milwaukee, WI	cold	Manitowoc, WI	5
Milwaukee, WI	Milwaukee, WI	cold	Marathon, WI	1
Milwaukee, WI	Milwaukee, WI	cold	Marquette, WI	2
Milwaukee, WI	Milwaukee, WI	cold	McHenry, IL	39
Milwaukee, WI	Milwaukee, WI	cold	Milwaukee, WI	100
Milwaukee, WI	Milwaukee, WI	cold	Monroe, WI	1
Milwaukee, WI	Milwaukee, WI	cold	Oconto, WI	1
Milwaukee, WI	Milwaukee, WI	cold	Ogle, IL	16
Milwaukee, WI	Milwaukee, WI	cold	Outagamie, WI	2
Milwaukee, WI	Milwaukee, WI	cold	Ozaukee, WI	58
Milwaukee, WI	Milwaukee, WI	cold	Portage, WI	1
Milwaukee, WI	Milwaukee, WI	cold	Racine, WI	86
Milwaukee, WI	Milwaukee, WI	cold	Richland, WI	2
Milwaukee, WI	Milwaukee, WI	cold	Rock, WI	18
Milwaukee, WI	Milwaukee, WI	cold	Sauk, WI	3
Milwaukee, WI	Milwaukee, WI	cold	Shawano, WI	1
Milwaukee, WI	Milwaukee, WI	cold	Sheboygan, WI	19
Milwaukee, WI	Milwaukee, WI	cold	Stephenson, IL	10
Milwaukee, WI	Milwaukee, WI	cold	Vernon, WI	2
Milwaukee, WI	Milwaukee, WI	cold	Walworth, WI	44
Milwaukee, WI	Milwaukee, WI	cold	Washington, WI	42
Milwaukee, WI	Milwaukee, WI	cold	Waukesha, WI	70
Milwaukee, WI	Milwaukee, WI	cold	Waupaca, WI	1
Milwaukee, WI	Milwaukee, WI	cold	Waushara, WI	2
Milwaukee, WI	Milwaukee, WI	cold	Whiteside, IL	10
Milwaukee, WI	Milwaukee, WI	cold	Will, IL	28
Milwaukee, WI	Milwaukee, WI	cold	Winnebago, IL	17
Milwaukee, WI	Milwaukee, WI	cold	Winnebago, WI	3
Milwaukee, WI	Milwaukee, WI	cold	Wood, WI	1
Milwaukee, WI	Milwaukee, WI	warm	Adams, WI	8
Milwaukee, WI	Milwaukee, WI	warm	Boone, IL	44
Milwaukee, WI	Milwaukee, WI	warm	Brown, WI	5
Milwaukee, WI	Milwaukee, WI	warm	Calumet, WI	12
Milwaukee, WI	Milwaukee, WI	warm	Carroll, IL	16
Milwaukee, WI	Milwaukee, WI	warm	Columbia, WI	19
Milwaukee, WI	Milwaukee, WI	warm	Cook, IL	46
Milwaukee, WI	Milwaukee, WI	warm	Dane, WI	23
Milwaukee, WI	Milwaukee, WI	warm	DeKalb, IL	37
Milwaukee, WI	Milwaukee, WI	warm	Dodge, WI	41
Milwaukee, WI	Milwaukee, WI	warm	Door, WI	1
Milwaukee, WI	Milwaukee, WI	warm	DuPage, IL	45
Milwaukee, WI	Milwaukee, WI	warm	Fond du Lac, WI	26
Milwaukee, WI	Milwaukee, WI	warm	Grant, WI	9
Milwaukee, WI	Milwaukee, WI	warm	Green Lake, WI	16
Milwaukee, WI	Milwaukee, WI	warm	Green, WI	20
Milwaukee, WI	Milwaukee, WI	warm	Iowa, WI	12
Milwaukee, WI	Milwaukee, WI	warm	Jackson, WI	6
Milwaukee, WI	Milwaukee, WI	warm	Jefferson, WI	53
Milwaukee, WI	Milwaukee, WI	warm	Juneau, WI	8

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Milwaukee, WI	Milwaukee, WI	warm	Kane, IL	44
Milwaukee, WI	Milwaukee, WI	warm	Kendall, IL	36
Milwaukee, WI	Milwaukee, WI	warm	Kenosha, WI	88
Milwaukee, WI	Milwaukee, WI	warm	Kewaunee, WI	3
Milwaukee, WI	Milwaukee, WI	warm	La Salle, IL	28
Milwaukee, WI	Milwaukee, WI	warm	Lafayette, WI	12
Milwaukee, WI	Milwaukee, WI	warm	Lake, IL	70
Milwaukee, WI	Milwaukee, WI	warm	Lake, IN	33
Milwaukee, WI	Milwaukee, WI	warm	Lee, IL	27
Milwaukee, WI	Milwaukee, WI	warm	Manitowoc, WI	10
Milwaukee, WI	Milwaukee, WI	warm	Marathon, WI	6
Milwaukee, WI	Milwaukee, WI	warm	Marquette, WI	12
Milwaukee, WI	Milwaukee, WI	warm	McHenry, IL	59
Milwaukee, WI	Milwaukee, WI	warm	Milwaukee, WI	100
Milwaukee, WI	Milwaukee, WI	warm	Monroe, WI	7
Milwaukee, WI	Milwaukee, WI	warm	Oconto, WI	3
Milwaukee, WI	Milwaukee, WI	warm	Ogle, IL	27
Milwaukee, WI	Milwaukee, WI	warm	Outagamie, WI	7
Milwaukee, WI	Milwaukee, WI	warm	Ozaukee, WI	68
Milwaukee, WI	Milwaukee, WI	warm	Portage, WI	7
Milwaukee, WI	Milwaukee, WI	warm	Racine, WI	97
Milwaukee, WI	Milwaukee, WI	warm	Richland, WI	10
Milwaukee, WI	Milwaukee, WI	warm	Rock, WI	38
Milwaukee, WI	Milwaukee, WI	warm	Sauk, WI	12
Milwaukee, WI	Milwaukee, WI	warm	Shawano, WI	5
Milwaukee, WI	Milwaukee, WI	warm	Sheboygan, WI	32
Milwaukee, WI	Milwaukee, WI	warm	Stephenson, IL	20
Milwaukee, WI	Milwaukee, WI	warm	Vernon, WI	9
Milwaukee, WI	Milwaukee, WI	warm	Walworth, WI	70
Milwaukee, WI	Milwaukee, WI	warm	Washington, WI	64
Milwaukee, WI	Milwaukee, WI	warm	Waukesha, WI	88
Milwaukee, WI	Milwaukee, WI	warm	Waupaca, WI	8
Milwaukee, WI	Milwaukee, WI	warm	Waushara, WI	10
Milwaukee, WI	Milwaukee, WI	warm	Whiteside, IL	18
Milwaukee, WI	Milwaukee, WI	warm	Will, IL	35
Milwaukee, WI	Milwaukee, WI	warm	Winnebago, IL	32
Milwaukee, WI	Milwaukee, WI	warm	Winnebago, WI	13
Milwaukee, WI	Milwaukee, WI	warm	Wood, WI	6
Milwaukee, WI	Waukesha, WI	cold	Adams, WI	2
Milwaukee, WI	Waukesha, WI	cold	Boone, IL	41
Milwaukee, WI	Waukesha, WI	cold	Brown, WI	2
Milwaukee, WI	Waukesha, WI	cold	Calumet, WI	6
Milwaukee, WI	Waukesha, WI	cold	Carroll, IL	15
Milwaukee, WI	Waukesha, WI	cold	Columbia, WI	8
Milwaukee, WI	Waukesha, WI	cold	Cook, IL	29
Milwaukee, WI	Waukesha, WI	cold	Dane, WI	13
Milwaukee, WI	Waukesha, WI	cold	DeKalb, IL	35
Milwaukee, WI	Waukesha, WI	cold	Dodge, WI	24
Milwaukee, WI	Waukesha, WI	cold	Door, WI	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Milwaukee, WI	Waukesha, WI	cold	DuPage, IL	35
Milwaukee, WI	Waukesha, WI	cold	Fond du Lac, WI	13
Milwaukee, WI	Waukesha, WI	cold	Grant, WI	5
Milwaukee, WI	Waukesha, WI	cold	Green Lake, WI	6
Milwaukee, WI	Waukesha, WI	cold	Green, WI	15
Milwaukee, WI	Waukesha, WI	cold	Iowa, WI	7
Milwaukee, WI	Waukesha, WI	cold	Jackson, WI	1
Milwaukee, WI	Waukesha, WI	cold	Jefferson, WI	38
Milwaukee, WI	Waukesha, WI	cold	Juneau, WI	2
Milwaukee, WI	Waukesha, WI	cold	Kane, IL	41
Milwaukee, WI	Waukesha, WI	cold	Kendall, IL	30
Milwaukee, WI	Waukesha, WI	cold	Kenosha, WI	82
Milwaukee, WI	Waukesha, WI	cold	Kewaunee, WI	2
Milwaukee, WI	Waukesha, WI	cold	La Salle, IL	22
Milwaukee, WI	Waukesha, WI	cold	Lafayette, WI	9
Milwaukee, WI	Waukesha, WI	cold	Lake, IL	59
Milwaukee, WI	Waukesha, WI	cold	Lake, IN	13
Milwaukee, WI	Waukesha, WI	cold	Lee, IL	25
Milwaukee, WI	Waukesha, WI	cold	Manitowoc, WI	6
Milwaukee, WI	Waukesha, WI	cold	Marathon, WI	0
Milwaukee, WI	Waukesha, WI	cold	Marquette, WI	4
Milwaukee, WI	Waukesha, WI	cold	McHenry, IL	56
Milwaukee, WI	Waukesha, WI	cold	Milwaukee, WI	100
Milwaukee, WI	Waukesha, WI	cold	Monroe, WI	2
Milwaukee, WI	Waukesha, WI	cold	Oconto, WI	1
Milwaukee, WI	Waukesha, WI	cold	Ogle, IL	25
Milwaukee, WI	Waukesha, WI	cold	Outagamie, WI	2
Milwaukee, WI	Waukesha, WI	cold	Ozaukee, WI	62
Milwaukee, WI	Waukesha, WI	cold	Portage, WI	1
Milwaukee, WI	Waukesha, WI	cold	Racine, WI	95
Milwaukee, WI	Waukesha, WI	cold	Richland, WI	3
Milwaukee, WI	Waukesha, WI	cold	Rock, WI	30
Milwaukee, WI	Waukesha, WI	cold	Sauk, WI	4
Milwaukee, WI	Waukesha, WI	cold	Shawano, WI	1
Milwaukee, WI	Waukesha, WI	cold	Sheboygan, WI	23
Milwaukee, WI	Waukesha, WI	cold	Stephenson, IL	17
Milwaukee, WI	Waukesha, WI	cold	Vernon, WI	2
Milwaukee, WI	Waukesha, WI	cold	Walworth, WI	65
Milwaukee, WI	Waukesha, WI	cold	Washington, WI	52
Milwaukee, WI	Waukesha, WI	cold	Waukesha, WI	82
Milwaukee, WI	Waukesha, WI	cold	Waupaca, WI	2
Milwaukee, WI	Waukesha, WI	cold	Waushara, WI	2
Milwaukee, WI	Waukesha, WI	cold	Whiteside, IL	16
Milwaukee, WI	Waukesha, WI	cold	Will, IL	22
Milwaukee, WI	Waukesha, WI	cold	Winnebago, IL	29
Milwaukee, WI	Waukesha, WI	cold	Winnebago, WI	5
Milwaukee, WI	Waukesha, WI	cold	Wood, WI	1
Milwaukee, WI	Waukesha, WI	warm	Adams, WI	5
Milwaukee, WI	Waukesha, WI	warm	Boone, IL	40

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Milwaukee, WI	Waukesha, WI	warm	Brown, WI	4
Milwaukee, WI	Waukesha, WI	warm	Calumet, WI	8
Milwaukee, WI	Waukesha, WI	warm	Carroll, IL	12
Milwaukee, WI	Waukesha, WI	warm	Columbia, WI	11
Milwaukee, WI	Waukesha, WI	warm	Cook, IL	43
Milwaukee, WI	Waukesha, WI	warm	Dane, WI	15
Milwaukee, WI	Waukesha, WI	warm	DeKalb, IL	38
Milwaukee, WI	Waukesha, WI	warm	Dodge, WI	30
Milwaukee, WI	Waukesha, WI	warm	Door, WI	3
Milwaukee, WI	Waukesha, WI	warm	DuPage, IL	45
Milwaukee, WI	Waukesha, WI	warm	Fond du Lac, WI	18
Milwaukee, WI	Waukesha, WI	warm	Grant, WI	5
Milwaukee, WI	Waukesha, WI	warm	Green Lake, WI	10
Milwaukee, WI	Waukesha, WI	warm	Green, WI	12
Milwaukee, WI	Waukesha, WI	warm	Iowa, WI	7
Milwaukee, WI	Waukesha, WI	warm	Jackson, WI	5
Milwaukee, WI	Waukesha, WI	warm	Jefferson, WI	43
Milwaukee, WI	Waukesha, WI	warm	Juneau, WI	5
Milwaukee, WI	Waukesha, WI	warm	Kane, IL	46
Milwaukee, WI	Waukesha, WI	warm	Kendall, IL	37
Milwaukee, WI	Waukesha, WI	warm	Kenosha, WI	88
Milwaukee, WI	Waukesha, WI	warm	Kewaunee, WI	5
Milwaukee, WI	Waukesha, WI	warm	La Salle, IL	27
Milwaukee, WI	Waukesha, WI	warm	Lafayette, WI	6
Milwaukee, WI	Waukesha, WI	warm	Lake, IL	71
Milwaukee, WI	Waukesha, WI	warm	Lake, IN	25
Milwaukee, WI	Waukesha, WI	warm	Lee, IL	25
Milwaukee, WI	Waukesha, WI	warm	Manitowoc, WI	9
Milwaukee, WI	Waukesha, WI	warm	Marathon, WI	6
Milwaukee, WI	Waukesha, WI	warm	Marquette, WI	7
Milwaukee, WI	Waukesha, WI	warm	McHenry, IL	58
Milwaukee, WI	Waukesha, WI	warm	Milwaukee, WI	100
Milwaukee, WI	Waukesha, WI	warm	Monroe, WI	6
Milwaukee, WI	Waukesha, WI	warm	Oconto, WI	2
Milwaukee, WI	Waukesha, WI	warm	Ogle, IL	22
Milwaukee, WI	Waukesha, WI	warm	Outagamie, WI	5
Milwaukee, WI	Waukesha, WI	warm	Ozaukee, WI	63
Milwaukee, WI	Waukesha, WI	warm	Portage, WI	6
Milwaukee, WI	Waukesha, WI	warm	Racine, WI	97
Milwaukee, WI	Waukesha, WI	warm	Richland, WI	7
Milwaukee, WI	Waukesha, WI	warm	Rock, WI	30
Milwaukee, WI	Waukesha, WI	warm	Sauk, WI	8
Milwaukee, WI	Waukesha, WI	warm	Shawano, WI	5
Milwaukee, WI	Waukesha, WI	warm	Sheboygan, WI	26
Milwaukee, WI	Waukesha, WI	warm	Stephenson, IL	12
Milwaukee, WI	Waukesha, WI	warm	Vernon, WI	7
Milwaukee, WI	Waukesha, WI	warm	Walworth, WI	66
Milwaukee, WI	Waukesha, WI	warm	Washington, WI	55
Milwaukee, WI	Waukesha, WI	warm	Waukesha, WI	83

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Milwaukee, WI	Waukesha, WI	warm	Waupaca, WI	7
Milwaukee, WI	Waukesha, WI	warm	Waushara, WI	7
Milwaukee, WI	Waukesha, WI	warm	Whiteside, IL	16
Milwaukee, WI	Waukesha, WI	warm	Will, IL	31
Milwaukee, WI	Waukesha, WI	warm	Winnebago, IL	26
Milwaukee, WI	Waukesha, WI	warm	Winnebago, WI	9
Milwaukee, WI	Waukesha, WI	warm	Wood, WI	5
Missoula, MT	Missoula, MT	cold	Ada, ID	15
Missoula, MT	Missoula, MT	cold	Adams, ID	60
Missoula, MT	Missoula, MT	cold	Adams, WA	0
Missoula, MT	Missoula, MT	cold	Asotin, WA	10
Missoula, MT	Missoula, MT	cold	Baker, OR	6
Missoula, MT	Missoula, MT	cold	Bannock, ID	3
Missoula, MT	Missoula, MT	cold	Beaverhead, MT	7
Missoula, MT	Missoula, MT	cold	Benewah, ID	7
Missoula, MT	Missoula, MT	cold	Benton, WA	1
Missoula, MT	Missoula, MT	cold	Bingham, ID	3
Missoula, MT	Missoula, MT	cold	Blaine, ID	6
Missoula, MT	Missoula, MT	cold	Blaine, MT	0
Missoula, MT	Missoula, MT	cold	Boise, ID	56
Missoula, MT	Missoula, MT	cold	Bonner, ID	2
Missoula, MT	Missoula, MT	cold	Bonneville, ID	3
Missoula, MT	Missoula, MT	cold	Boundary, ID	0
Missoula, MT	Missoula, MT	cold	Broadwater, MT	3
Missoula, MT	Missoula, MT	cold	Butte, ID	3
Missoula, MT	Missoula, MT	cold	Camas, ID	11
Missoula, MT	Missoula, MT	cold	Canyon, ID	9
Missoula, MT	Missoula, MT	cold	Carbon, MT	0
Missoula, MT	Missoula, MT	cold	Caribou, ID	3
Missoula, MT	Missoula, MT	cold	Cascade, MT	1
Missoula, MT	Missoula, MT	cold	Cassia, ID	1
Missoula, MT	Missoula, MT	cold	Chouteau, MT	0
Missoula, MT	Missoula, MT	cold	Clark, ID	2
Missoula, MT	Missoula, MT	cold	Clearwater, ID	67
Missoula, MT	Missoula, MT	cold	Columbia, WA	3
Missoula, MT	Missoula, MT	cold	Crook, OR	1
Missoula, MT	Missoula, MT	cold	Custer, ID	11
Missoula, MT	Missoula, MT	cold	Deer Lodge, MT	13
Missoula, MT	Missoula, MT	cold	Elmore, ID	18
Missoula, MT	Missoula, MT	cold	Fergus, MT	0
Missoula, MT	Missoula, MT	cold	Ferry, WA	0
Missoula, MT	Missoula, MT	cold	Flathead, MT	0
Missoula, MT	Missoula, MT	cold	Franklin, WA	1
Missoula, MT	Missoula, MT	cold	Fremont, ID	3
Missoula, MT	Missoula, MT	cold	Fremont, WY	0
Missoula, MT	Missoula, MT	cold	Gallatin, MT	2
Missoula, MT	Missoula, MT	cold	Garfield, WA	5
Missoula, MT	Missoula, MT	cold	Gem, ID	47
Missoula, MT	Missoula, MT	cold	Gilliam, OR	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Missoula, MT	Missoula, MT	cold	Glacier, MT	1
Missoula, MT	Missoula, MT	cold	Golden Valley, MT	0
Missoula, MT	Missoula, MT	cold	Gooding, ID	6
Missoula, MT	Missoula, MT	cold	Granite, MT	49
Missoula, MT	Missoula, MT	cold	Grant, OR	1
Missoula, MT	Missoula, MT	cold	Grant, WA	0
Missoula, MT	Missoula, MT	cold	Harney, OR	1
Missoula, MT	Missoula, MT	cold	Hill, MT	0
Missoula, MT	Missoula, MT	cold	Humboldt, NV	0
Missoula, MT	Missoula, MT	cold	Idaho, ID	100
Missoula, MT	Missoula, MT	cold	Jefferson, ID	4
Missoula, MT	Missoula, MT	cold	Jefferson, MT	6
Missoula, MT	Missoula, MT	cold	Judith Basin, MT	0
Missoula, MT	Missoula, MT	cold	Klickitat, WA	1
Missoula, MT	Missoula, MT	cold	Kootenai, ID	5
Missoula, MT	Missoula, MT	cold	Lake, MT	17
Missoula, MT	Missoula, MT	cold	Latah, ID	12
Missoula, MT	Missoula, MT	cold	Lemhi, ID	15
Missoula, MT	Missoula, MT	cold	Lewis and Clark, MT	5
Missoula, MT	Missoula, MT	cold	Lewis, ID	48
Missoula, MT	Missoula, MT	cold	Liberty, MT	0
Missoula, MT	Missoula, MT	cold	Lincoln, ID	4
Missoula, MT	Missoula, MT	cold	Lincoln, MT	0
Missoula, MT	Missoula, MT	cold	Lincoln, WA	0
Missoula, MT	Missoula, MT	cold	Lincoln, WY	1
Missoula, MT	Missoula, MT	cold	Madison, ID	4
Missoula, MT	Missoula, MT	cold	Madison, MT	2
Missoula, MT	Missoula, MT	cold	Malheur, OR	1
Missoula, MT	Missoula, MT	cold	Meagher, MT	0
Missoula, MT	Missoula, MT	cold	Mineral, MT	51
Missoula, MT	Missoula, MT	cold	Minidoka, ID	2
Missoula, MT	Missoula, MT	cold	Missoula, MT	94
Missoula, MT	Missoula, MT	cold	Morrow, OR	2
Missoula, MT	Missoula, MT	cold	Musselshell, MT	0
Missoula, MT	Missoula, MT	cold	Nez Perce, ID	22
Missoula, MT	Missoula, MT	cold	Okanogan, WA	0
Missoula, MT	Missoula, MT	cold	Owyhee, ID	2
Missoula, MT	Missoula, MT	cold	Park, MT	0
Missoula, MT	Missoula, MT	cold	Park, WY	0
Missoula, MT	Missoula, MT	cold	Payette, ID	20
Missoula, MT	Missoula, MT	cold	Pend Oreille, WA	1
Missoula, MT	Missoula, MT	cold	Petroleum, MT	0
Missoula, MT	Missoula, MT	cold	Phillips, MT	0
Missoula, MT	Missoula, MT	cold	Pondera, MT	2
Missoula, MT	Missoula, MT	cold	Powell, MT	19
Missoula, MT	Missoula, MT	cold	Power, ID	2
Missoula, MT	Missoula, MT	cold	Ravalli, MT	71
Missoula, MT	Missoula, MT	cold	Sanders, MT	10
Missoula, MT	Missoula, MT	cold	Shoshone, ID	14

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Missoula, MT	Missoula, MT	cold	Silver Bow, MT	7
Missoula, MT	Missoula, MT	cold	Spokane, WA	2
Missoula, MT	Missoula, MT	cold	Stevens, WA	1
Missoula, MT	Missoula, MT	cold	Stillwater, MT	0
Missoula, MT	Missoula, MT	cold	Sublette, WY	0
Missoula, MT	Missoula, MT	cold	Sweet Grass, MT	0
Missoula, MT	Missoula, MT	cold	Teton, ID	3
Missoula, MT	Missoula, MT	cold	Teton, MT	2
Missoula, MT	Missoula, MT	cold	Teton, WY	1
Missoula, MT	Missoula, MT	cold	Toole, MT	1
Missoula, MT	Missoula, MT	cold	Twin Falls, ID	1
Missoula, MT	Missoula, MT	cold	Umatilla, OR	2
Missoula, MT	Missoula, MT	cold	Union, OR	4
Missoula, MT	Missoula, MT	cold	Valley, ID	62
Missoula, MT	Missoula, MT	cold	Walla Walla, WA	2
Missoula, MT	Missoula, MT	cold	Wallowa, OR	18
Missoula, MT	Missoula, MT	cold	Washington, ID	34
Missoula, MT	Missoula, MT	cold	Wheatland, MT	0
Missoula, MT	Missoula, MT	cold	Wheeler, OR	1
Missoula, MT	Missoula, MT	cold	Whitman, WA	3
Missoula, MT	Missoula, MT	cold	Yakima, WA	0
Missoula, MT	Missoula, MT	warm	Ada, ID	0
Missoula, MT	Missoula, MT	warm	Adams, ID	3
Missoula, MT	Missoula, MT	warm	Adams, WA	23
Missoula, MT	Missoula, MT	warm	Asotin, WA	29
Missoula, MT	Missoula, MT	warm	Baker, OR	2
Missoula, MT	Missoula, MT	warm	Bannock, ID	1
Missoula, MT	Missoula, MT	warm	Beaverhead, MT	3
Missoula, MT	Missoula, MT	warm	Benewah, ID	37
Missoula, MT	Missoula, MT	warm	Benton, WA	29
Missoula, MT	Missoula, MT	warm	Bingham, ID	1
Missoula, MT	Missoula, MT	warm	Blaine, ID	3
Missoula, MT	Missoula, MT	warm	Blaine, MT	0
Missoula, MT	Missoula, MT	warm	Boise, ID	1
Missoula, MT	Missoula, MT	warm	Bonner, ID	2
Missoula, MT	Missoula, MT	warm	Bonneville, ID	1
Missoula, MT	Missoula, MT	warm	Boundary, ID	1
Missoula, MT	Missoula, MT	warm	Broadwater, MT	3
Missoula, MT	Missoula, MT	warm	Butte, ID	2
Missoula, MT	Missoula, MT	warm	Camas, ID	3
Missoula, MT	Missoula, MT	warm	Canyon, ID	0
Missoula, MT	Missoula, MT	warm	Carbon, MT	2
Missoula, MT	Missoula, MT	warm	Caribou, ID	1
Missoula, MT	Missoula, MT	warm	Cascade, MT	7
Missoula, MT	Missoula, MT	warm	Cassia, ID	0
Missoula, MT	Missoula, MT	warm	Chouteau, MT	1
Missoula, MT	Missoula, MT	warm	Clark, ID	1
Missoula, MT	Missoula, MT	warm	Clearwater, ID	92
Missoula, MT	Missoula, MT	warm	Columbia, WA	40

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Missoula, MT	Missoula, MT	warm	Crook, OR	0
Missoula, MT	Missoula, MT	warm	Custer, ID	3
Missoula, MT	Missoula, MT	warm	Deer Lodge, MT	13
Missoula, MT	Missoula, MT	warm	Elmore, ID	2
Missoula, MT	Missoula, MT	warm	Fergus, MT	0
Missoula, MT	Missoula, MT	warm	Ferry, WA	1
Missoula, MT	Missoula, MT	warm	Flathead, MT	2
Missoula, MT	Missoula, MT	warm	Franklin, WA	36
Missoula, MT	Missoula, MT	warm	Fremont, ID	1
Missoula, MT	Missoula, MT	warm	Fremont, WY	0
Missoula, MT	Missoula, MT	warm	Gallatin, MT	2
Missoula, MT	Missoula, MT	warm	Garfield, WA	45
Missoula, MT	Missoula, MT	warm	Gem, ID	1
Missoula, MT	Missoula, MT	warm	Gilliam, OR	12
Missoula, MT	Missoula, MT	warm	Glacier, MT	1
Missoula, MT	Missoula, MT	warm	Golden Valley, MT	1
Missoula, MT	Missoula, MT	warm	Gooding, ID	4
Missoula, MT	Missoula, MT	warm	Granite, MT	43
Missoula, MT	Missoula, MT	warm	Grant, OR	1
Missoula, MT	Missoula, MT	warm	Grant, WA	9
Missoula, MT	Missoula, MT	warm	Harney, OR	0
Missoula, MT	Missoula, MT	warm	Hill, MT	0
Missoula, MT	Missoula, MT	warm	Humboldt, NV	2
Missoula, MT	Missoula, MT	warm	Idaho, ID	26
Missoula, MT	Missoula, MT	warm	Jefferson, ID	2
Missoula, MT	Missoula, MT	warm	Jefferson, MT	6
Missoula, MT	Missoula, MT	warm	Judith Basin, MT	1
Missoula, MT	Missoula, MT	warm	Klickitat, WA	22
Missoula, MT	Missoula, MT	warm	Kootenai, ID	11
Missoula, MT	Missoula, MT	warm	Lake, MT	23
Missoula, MT	Missoula, MT	warm	Latah, ID	62
Missoula, MT	Missoula, MT	warm	Lemhi, ID	4
Missoula, MT	Missoula, MT	warm	Lewis and Clark, MT	15
Missoula, MT	Missoula, MT	warm	Lewis, ID	42
Missoula, MT	Missoula, MT	warm	Liberty, MT	0
Missoula, MT	Missoula, MT	warm	Lincoln, ID	2
Missoula, MT	Missoula, MT	warm	Lincoln, MT	2
Missoula, MT	Missoula, MT	warm	Lincoln, WA	8
Missoula, MT	Missoula, MT	warm	Lincoln, WY	0
Missoula, MT	Missoula, MT	warm	Madison, ID	1
Missoula, MT	Missoula, MT	warm	Madison, MT	2
Missoula, MT	Missoula, MT	warm	Malheur, OR	1
Missoula, MT	Missoula, MT	warm	Meagher, MT	2
Missoula, MT	Missoula, MT	warm	Mineral, MT	88
Missoula, MT	Missoula, MT	warm	Minidoka, ID	1
Missoula, MT	Missoula, MT	warm	Missoula, MT	100
Missoula, MT	Missoula, MT	warm	Morrow, OR	12
Missoula, MT	Missoula, MT	warm	Musselshell, MT	0
Missoula, MT	Missoula, MT	warm	Nez Perce, ID	46

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Missoula, MT	Missoula, MT	warm	Okanogan, WA	1
Missoula, MT	Missoula, MT	warm	Owyhee, ID	1
Missoula, MT	Missoula, MT	warm	Park, MT	1
Missoula, MT	Missoula, MT	warm	Park, WY	1
Missoula, MT	Missoula, MT	warm	Payette, ID	1
Missoula, MT	Missoula, MT	warm	Pend Oreille, WA	1
Missoula, MT	Missoula, MT	warm	Petroleum, MT	0
Missoula, MT	Missoula, MT	warm	Phillips, MT	0
Missoula, MT	Missoula, MT	warm	Pondera, MT	2
Missoula, MT	Missoula, MT	warm	Powell, MT	32
Missoula, MT	Missoula, MT	warm	Power, ID	0
Missoula, MT	Missoula, MT	warm	Ravalli, MT	37
Missoula, MT	Missoula, MT	warm	Sanders, MT	25
Missoula, MT	Missoula, MT	warm	Shoshone, ID	48
Missoula, MT	Missoula, MT	warm	Silver Bow, MT	7
Missoula, MT	Missoula, MT	warm	Spokane, WA	10
Missoula, MT	Missoula, MT	warm	Stevens, WA	1
Missoula, MT	Missoula, MT	warm	Stillwater, MT	3
Missoula, MT	Missoula, MT	warm	Sublette, WY	0
Missoula, MT	Missoula, MT	warm	Sweet Grass, MT	2
Missoula, MT	Missoula, MT	warm	Teton, ID	1
Missoula, MT	Missoula, MT	warm	Teton, MT	3
Missoula, MT	Missoula, MT	warm	Teton, WY	0
Missoula, MT	Missoula, MT	warm	Toole, MT	0
Missoula, MT	Missoula, MT	warm	Twin Falls, ID	2
Missoula, MT	Missoula, MT	warm	Umatilla, OR	14
Missoula, MT	Missoula, MT	warm	Union, OR	3
Missoula, MT	Missoula, MT	warm	Valley, ID	3
Missoula, MT	Missoula, MT	warm	Walla Walla, WA	42
Missoula, MT	Missoula, MT	warm	Wallowa, OR	7
Missoula, MT	Missoula, MT	warm	Washington, ID	2
Missoula, MT	Missoula, MT	warm	Wheatland, MT	0
Missoula, MT	Missoula, MT	warm	Wheeler, OR	1
Missoula, MT	Missoula, MT	warm	Whitman, WA	41
Missoula, MT	Missoula, MT	warm	Yakima, WA	11
Morgantown, WV	Monongalia, WV	cold	Albemarle, VA	2
Morgantown, WV	Monongalia, WV	cold	Allegany, MD	7
Morgantown, WV	Monongalia, WV	cold	Allegheny, PA	20
Morgantown, WV	Monongalia, WV	cold	Armstrong, PA	7
Morgantown, WV	Monongalia, WV	cold	Athens, OH	23
Morgantown, WV	Monongalia, WV	cold	Augusta, VA	6
Morgantown, WV	Monongalia, WV	cold	Barbour, WV	78
Morgantown, WV	Monongalia, WV	cold	Bath, VA	12
Morgantown, WV	Monongalia, WV	cold	Beaver, PA	13
Morgantown, WV	Monongalia, WV	cold	Bedford, PA	2
Morgantown, WV	Monongalia, WV	cold	Belmont, OH	29
Morgantown, WV	Monongalia, WV	cold	Berkeley, WV	1
Morgantown, WV	Monongalia, WV	cold	Blair, PA	2
Morgantown, WV	Monongalia, WV	cold	Braxton, WV	47

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Morgantown, WV	Monongalia, WV	cold	Brooke, WV	25
Morgantown, WV	Monongalia, WV	cold	Butler, PA	9
Morgantown, WV	Monongalia, WV	cold	Calhoun, WV	41
Morgantown, WV	Monongalia, WV	cold	Cambria, PA	3
Morgantown, WV	Monongalia, WV	cold	Cameron, PA	1
Morgantown, WV	Monongalia, WV	cold	Carroll, OH	10
Morgantown, WV	Monongalia, WV	cold	Centre, PA	3
Morgantown, WV	Monongalia, WV	cold	Clarion, PA	4
Morgantown, WV	Monongalia, WV	cold	Clarke, VA	1
Morgantown, WV	Monongalia, WV	cold	Clay, WV	35
Morgantown, WV	Monongalia, WV	cold	Clearfield, PA	3
Morgantown, WV	Monongalia, WV	cold	Clinton, PA	1
Morgantown, WV	Monongalia, WV	cold	Columbiana, OH	10
Morgantown, WV	Monongalia, WV	cold	Coshocton, OH	10
Morgantown, WV	Monongalia, WV	cold	Doddridge, WV	70
Morgantown, WV	Monongalia, WV	cold	Elk, PA	2
Morgantown, WV	Monongalia, WV	cold	Fayette, PA	56
Morgantown, WV	Monongalia, WV	cold	Forest, PA	2
Morgantown, WV	Monongalia, WV	cold	Franklin, PA	1
Morgantown, WV	Monongalia, WV	cold	Frederick, MD	1
Morgantown, WV	Monongalia, WV	cold	Frederick, VA	1
Morgantown, WV	Monongalia, WV	cold	Fulton, PA	1
Morgantown, WV	Monongalia, WV	cold	Garrett, MD	38
Morgantown, WV	Monongalia, WV	cold	Gilmer, WV	52
Morgantown, WV	Monongalia, WV	cold	Grant, WV	23
Morgantown, WV	Monongalia, WV	cold	Greenbrier, WV	25
Morgantown, WV	Monongalia, WV	cold	Greene, PA	76
Morgantown, WV	Monongalia, WV	cold	Greene, VA	2
Morgantown, WV	Monongalia, WV	cold	Guernsey, OH	19
Morgantown, WV	Monongalia, WV	cold	Hampshire, WV	4
Morgantown, WV	Monongalia, WV	cold	Hancock, WV	16
Morgantown, WV	Monongalia, WV	cold	Hardy, WV	8
Morgantown, WV	Monongalia, WV	cold	Harrison, OH	15
Morgantown, WV	Monongalia, WV	cold	Harrison, WV	88
Morgantown, WV	Monongalia, WV	cold	Harrisonburg (City), VA	5
Morgantown, WV	Monongalia, WV	cold	Highland, VA	13
Morgantown, WV	Monongalia, WV	cold	Hocking, OH	15
Morgantown, WV	Monongalia, WV	cold	Huntingdon, PA	2
Morgantown, WV	Monongalia, WV	cold	Indiana, PA	5
Morgantown, WV	Monongalia, WV	cold	Jackson, WV	29
Morgantown, WV	Monongalia, WV	cold	Jefferson, OH	18
Morgantown, WV	Monongalia, WV	cold	Jefferson, PA	3
Morgantown, WV	Monongalia, WV	cold	Jefferson, WV	0
Morgantown, WV	Monongalia, WV	cold	Juniata, PA	3
Morgantown, WV	Monongalia, WV	cold	Lawrence, PA	9
Morgantown, WV	Monongalia, WV	cold	Lewis, WV	65
Morgantown, WV	Monongalia, WV	cold	Licking, OH	8
Morgantown, WV	Monongalia, WV	cold	Loudoun, VA	0
Morgantown, WV	Monongalia, WV	cold	Mahoning, OH	7

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Morgantown, WV	Monongalia, WV	cold	Marion, WV	100
Morgantown, WV	Monongalia, WV	cold	Marshall, WV	53
Morgantown, WV	Monongalia, WV	cold	Meigs, OH	24
Morgantown, WV	Monongalia, WV	cold	Mercer, PA	6
Morgantown, WV	Monongalia, WV	cold	Mifflin, PA	3
Morgantown, WV	Monongalia, WV	cold	Mineral, WV	14
Morgantown, WV	Monongalia, WV	cold	Monongalia, WV	99
Morgantown, WV	Monongalia, WV	cold	Monroe, OH	41
Morgantown, WV	Monongalia, WV	cold	Morgan, OH	23
Morgantown, WV	Monongalia, WV	cold	Morgan, WV	1
Morgantown, WV	Monongalia, WV	cold	Muskingum, OH	15
Morgantown, WV	Monongalia, WV	cold	Nelson, VA	3
Morgantown, WV	Monongalia, WV	cold	Nicholas, WV	34
Morgantown, WV	Monongalia, WV	cold	Noble, OH	29
Morgantown, WV	Monongalia, WV	cold	Ohio, WV	36
Morgantown, WV	Monongalia, WV	cold	Page, VA	2
Morgantown, WV	Monongalia, WV	cold	Pendleton, WV	16
Morgantown, WV	Monongalia, WV	cold	Perry, OH	15
Morgantown, WV	Monongalia, WV	cold	Pleasants, WV	48
Morgantown, WV	Monongalia, WV	cold	Pocahontas, WV	23
Morgantown, WV	Monongalia, WV	cold	Preston, WV	77
Morgantown, WV	Monongalia, WV	cold	Randolph, WV	39
Morgantown, WV	Monongalia, WV	cold	Ritchie, WV	50
Morgantown, WV	Monongalia, WV	cold	Roane, WV	34
Morgantown, WV	Monongalia, WV	cold	Rockbridge, VA	6
Morgantown, WV	Monongalia, WV	cold	Rockingham, VA	6
Morgantown, WV	Monongalia, WV	cold	Shenandoah, VA	3
Morgantown, WV	Monongalia, WV	cold	Somerset, PA	15
Morgantown, WV	Monongalia, WV	cold	Stark, OH	7
Morgantown, WV	Monongalia, WV	cold	Staunton (City), VA	5
Morgantown, WV	Monongalia, WV	cold	Taylor, WV	98
Morgantown, WV	Monongalia, WV	cold	Tucker, WV	48
Morgantown, WV	Monongalia, WV	cold	Tuscarawas, OH	10
Morgantown, WV	Monongalia, WV	cold	Tyler, WV	60
Morgantown, WV	Monongalia, WV	cold	Upshur, WV	60
Morgantown, WV	Monongalia, WV	cold	Venango, PA	4
Morgantown, WV	Monongalia, WV	cold	Vinton, OH	17
Morgantown, WV	Monongalia, WV	cold	Warren, VA	1
Morgantown, WV	Monongalia, WV	cold	Washington, MD	1
Morgantown, WV	Monongalia, WV	cold	Washington, OH	35
Morgantown, WV	Monongalia, WV	cold	Washington, PA	38
Morgantown, WV	Monongalia, WV	cold	Waynesboro (City), VA	3
Morgantown, WV	Monongalia, WV	cold	Webster, WV	39
Morgantown, WV	Monongalia, WV	cold	Westmoreland, PA	20
Morgantown, WV	Monongalia, WV	cold	Wetzel, WV	72
Morgantown, WV	Monongalia, WV	cold	Wirt, WV	37
Morgantown, WV	Monongalia, WV	cold	Wood, WV	35
Morgantown, WV	Monongalia, WV	warm	Albemarle, VA	1
Morgantown, WV	Monongalia, WV	warm	Allegany, MD	17

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Morgantown, WV	Monongalia, WV	warm	Allegheny, PA	24
Morgantown, WV	Monongalia, WV	warm	Armstrong, PA	12
Morgantown, WV	Monongalia, WV	warm	Athens, OH	11
Morgantown, WV	Monongalia, WV	warm	Augusta, VA	4
Morgantown, WV	Monongalia, WV	warm	Barbour, WV	82
Morgantown, WV	Monongalia, WV	warm	Bath, VA	11
Morgantown, WV	Monongalia, WV	warm	Beaver, PA	13
Morgantown, WV	Monongalia, WV	warm	Bedford, PA	12
Morgantown, WV	Monongalia, WV	warm	Belmont, OH	27
Morgantown, WV	Monongalia, WV	warm	Berkeley, WV	10
Morgantown, WV	Monongalia, WV	warm	Blair, PA	8
Morgantown, WV	Monongalia, WV	warm	Braxton, WV	56
Morgantown, WV	Monongalia, WV	warm	Brooke, WV	26
Morgantown, WV	Monongalia, WV	warm	Butler, PA	10
Morgantown, WV	Monongalia, WV	warm	Calhoun, WV	50
Morgantown, WV	Monongalia, WV	warm	Cambria, PA	9
Morgantown, WV	Monongalia, WV	warm	Cameron, PA	4
Morgantown, WV	Monongalia, WV	warm	Carroll, OH	9
Morgantown, WV	Monongalia, WV	warm	Centre, PA	5
Morgantown, WV	Monongalia, WV	warm	Clarion, PA	6
Morgantown, WV	Monongalia, WV	warm	Clarke, VA	5
Morgantown, WV	Monongalia, WV	warm	Clay, WV	44
Morgantown, WV	Monongalia, WV	warm	Clearfield, PA	6
Morgantown, WV	Monongalia, WV	warm	Clinton, PA	4
Morgantown, WV	Monongalia, WV	warm	Columbiana, OH	8
Morgantown, WV	Monongalia, WV	warm	Coshocton, OH	7
Morgantown, WV	Monongalia, WV	warm	Doddridge, WV	71
Morgantown, WV	Monongalia, WV	warm	Elk, PA	3
Morgantown, WV	Monongalia, WV	warm	Fayette, PA	57
Morgantown, WV	Monongalia, WV	warm	Forest, PA	2
Morgantown, WV	Monongalia, WV	warm	Franklin, PA	14
Morgantown, WV	Monongalia, WV	warm	Frederick, MD	7
Morgantown, WV	Monongalia, WV	warm	Frederick, VA	7
Morgantown, WV	Monongalia, WV	warm	Fulton, PA	14
Morgantown, WV	Monongalia, WV	warm	Garrett, MD	42
Morgantown, WV	Monongalia, WV	warm	Gilmer, WV	60
Morgantown, WV	Monongalia, WV	warm	Grant, WV	23
Morgantown, WV	Monongalia, WV	warm	Greenbrier, WV	22
Morgantown, WV	Monongalia, WV	warm	Greene, PA	74
Morgantown, WV	Monongalia, WV	warm	Greene, VA	1
Morgantown, WV	Monongalia, WV	warm	Guernsey, OH	14
Morgantown, WV	Monongalia, WV	warm	Hampshire, WV	11
Morgantown, WV	Monongalia, WV	warm	Hancock, WV	16
Morgantown, WV	Monongalia, WV	warm	Hardy, WV	8
Morgantown, WV	Monongalia, WV	warm	Harrison, OH	14
Morgantown, WV	Monongalia, WV	warm	Harrison, WV	91
Morgantown, WV	Monongalia, WV	warm	Harrisonburg (City), VA	2
Morgantown, WV	Monongalia, WV	warm	Highland, VA	11
Morgantown, WV	Monongalia, WV	warm	Hocking, OH	5

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Morgantown, WV	Monongalia, WV	warm	Huntingdon, PA	10
Morgantown, WV	Monongalia, WV	warm	Indiana, PA	12
Morgantown, WV	Monongalia, WV	warm	Jackson, WV	28
Morgantown, WV	Monongalia, WV	warm	Jefferson, OH	18
Morgantown, WV	Monongalia, WV	warm	Jefferson, PA	6
Morgantown, WV	Monongalia, WV	warm	Jefferson, WV	7
Morgantown, WV	Monongalia, WV	warm	Juniata, PA	7
Morgantown, WV	Monongalia, WV	warm	Lawrence, PA	7
Morgantown, WV	Monongalia, WV	warm	Lewis, WV	72
Morgantown, WV	Monongalia, WV	warm	Licking, OH	4
Morgantown, WV	Monongalia, WV	warm	Loudoun, VA	3
Morgantown, WV	Monongalia, WV	warm	Mahoning, OH	5
Morgantown, WV	Monongalia, WV	warm	Marion, WV	100
Morgantown, WV	Monongalia, WV	warm	Marshall, WV	51
Morgantown, WV	Monongalia, WV	warm	Meigs, OH	15
Morgantown, WV	Monongalia, WV	warm	Mercer, PA	3
Morgantown, WV	Monongalia, WV	warm	Mifflin, PA	7
Morgantown, WV	Monongalia, WV	warm	Mineral, WV	20
Morgantown, WV	Monongalia, WV	warm	Monongalia, WV	97
Morgantown, WV	Monongalia, WV	warm	Monroe, OH	33
Morgantown, WV	Monongalia, WV	warm	Morgan, OH	11
Morgantown, WV	Monongalia, WV	warm	Morgan, WV	13
Morgantown, WV	Monongalia, WV	warm	Muskingum, OH	9
Morgantown, WV	Monongalia, WV	warm	Nelson, VA	3
Morgantown, WV	Monongalia, WV	warm	Nicholas, WV	37
Morgantown, WV	Monongalia, WV	warm	Noble, OH	19
Morgantown, WV	Monongalia, WV	warm	Ohio, WV	37
Morgantown, WV	Monongalia, WV	warm	Page, VA	1
Morgantown, WV	Monongalia, WV	warm	Pendleton, WV	13
Morgantown, WV	Monongalia, WV	warm	Perry, OH	6
Morgantown, WV	Monongalia, WV	warm	Pleasants, WV	40
Morgantown, WV	Monongalia, WV	warm	Pocahontas, WV	21
Morgantown, WV	Monongalia, WV	warm	Preston, WV	78
Morgantown, WV	Monongalia, WV	warm	Randolph, WV	41
Morgantown, WV	Monongalia, WV	warm	Ritchie, WV	50
Morgantown, WV	Monongalia, WV	warm	Roane, WV	41
Morgantown, WV	Monongalia, WV	warm	Rockbridge, VA	8
Morgantown, WV	Monongalia, WV	warm	Rockingham, VA	3
Morgantown, WV	Monongalia, WV	warm	Shenandoah, VA	3
Morgantown, WV	Monongalia, WV	warm	Somerset, PA	21
Morgantown, WV	Monongalia, WV	warm	Stark, OH	5
Morgantown, WV	Monongalia, WV	warm	Staunton (City), VA	3
Morgantown, WV	Monongalia, WV	warm	Taylor, WV	100
Morgantown, WV	Monongalia, WV	warm	Tucker, WV	49
Morgantown, WV	Monongalia, WV	warm	Tuscarawas, OH	8
Morgantown, WV	Monongalia, WV	warm	Tyler, WV	55
Morgantown, WV	Monongalia, WV	warm	Upshur, WV	67
Morgantown, WV	Monongalia, WV	warm	Venango, PA	3
Morgantown, WV	Monongalia, WV	warm	Vinton, OH	6

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Morgantown, WV	Monongalia, WV	warm	Warren, VA	3
Morgantown, WV	Monongalia, WV	warm	Washington, MD	11
Morgantown, WV	Monongalia, WV	warm	Washington, OH	23
Morgantown, WV	Monongalia, WV	warm	Washington, PA	39
Morgantown, WV	Monongalia, WV	warm	Waynesboro (City), VA	2
Morgantown, WV	Monongalia, WV	warm	Webster, WV	42
Morgantown, WV	Monongalia, WV	warm	Westmoreland, PA	25
Morgantown, WV	Monongalia, WV	warm	Wetzel, WV	69
Morgantown, WV	Monongalia, WV	warm	Wirt, WV	38
Morgantown, WV	Monongalia, WV	warm	Wood, WV	28
Muscatine, IA	Muscatine, IA	cold	Adair, MO	19
Muscatine, IA	Muscatine, IA	cold	Adams, IL	20
Muscatine, IA	Muscatine, IA	cold	Allamakee, IA	11
Muscatine, IA	Muscatine, IA	cold	Appanoose, IA	22
Muscatine, IA	Muscatine, IA	cold	Benton, IA	30
Muscatine, IA	Muscatine, IA	cold	Black Hawk, IA	17
Muscatine, IA	Muscatine, IA	cold	Boone, IL	15
Muscatine, IA	Muscatine, IA	cold	Bremer, IA	13
Muscatine, IA	Muscatine, IA	cold	Buchanan, IA	21
Muscatine, IA	Muscatine, IA	cold	Bureau, IL	43
Muscatine, IA	Muscatine, IA	cold	Butler, IA	11
Muscatine, IA	Muscatine, IA	cold	Carroll, IL	29
Muscatine, IA	Muscatine, IA	cold	Cedar, IA	76
Muscatine, IA	Muscatine, IA	cold	Cerro Gordo, IA	6
Muscatine, IA	Muscatine, IA	cold	Chickasaw, IA	11
Muscatine, IA	Muscatine, IA	cold	Clark, MO	38
Muscatine, IA	Muscatine, IA	cold	Clayton, IA	15
Muscatine, IA	Muscatine, IA	cold	Clinton, IA	53
Muscatine, IA	Muscatine, IA	cold	Crawford, WI	11
Muscatine, IA	Muscatine, IA	cold	Davis, IA	32
Muscatine, IA	Muscatine, IA	cold	DeKalb, IL	20
Muscatine, IA	Muscatine, IA	cold	Delaware, IA	23
Muscatine, IA	Muscatine, IA	cold	Des Moines, IA	85
Muscatine, IA	Muscatine, IA	cold	Dubuque, IA	22
Muscatine, IA	Muscatine, IA	cold	Fayette, IA	15
Muscatine, IA	Muscatine, IA	cold	Floyd, IA	8
Muscatine, IA	Muscatine, IA	cold	Franklin, IA	8
Muscatine, IA	Muscatine, IA	cold	Fulton, IL	36
Muscatine, IA	Muscatine, IA	cold	Grant, WI	13
Muscatine, IA	Muscatine, IA	cold	Green, WI	14
Muscatine, IA	Muscatine, IA	cold	Grundy, IA	14
Muscatine, IA	Muscatine, IA	cold	Grundy, IL	22
Muscatine, IA	Muscatine, IA	cold	Hancock, IL	41
Muscatine, IA	Muscatine, IA	cold	Hardin, IA	12
Muscatine, IA	Muscatine, IA	cold	Henderson, IL	76
Muscatine, IA	Muscatine, IA	cold	Henry, IA	79
Muscatine, IA	Muscatine, IA	cold	Henry, IL	68
Muscatine, IA	Muscatine, IA	cold	Iowa, IA	46
Muscatine, IA	Muscatine, IA	cold	Iowa, WI	12

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Muscatine, IA	Muscatine, IA	cold	Jackson, IA	33
Muscatine, IA	Muscatine, IA	cold	Jasper, IA	22
Muscatine, IA	Muscatine, IA	cold	Jefferson, IA	59
Muscatine, IA	Muscatine, IA	cold	Jo Daviess, IL	20
Muscatine, IA	Muscatine, IA	cold	Johnson, IA	70
Muscatine, IA	Muscatine, IA	cold	Jones, IA	42
Muscatine, IA	Muscatine, IA	cold	Kane, IL	16
Muscatine, IA	Muscatine, IA	cold	Kendall, IL	21
Muscatine, IA	Muscatine, IA	cold	Keokuk, IA	50
Muscatine, IA	Muscatine, IA	cold	Knox, IL	64
Muscatine, IA	Muscatine, IA	cold	Knox, MO	23
Muscatine, IA	Muscatine, IA	cold	La Salle, IL	29
Muscatine, IA	Muscatine, IA	cold	Lafayette, WI	14
Muscatine, IA	Muscatine, IA	cold	Lee, IA	57
Muscatine, IA	Muscatine, IA	cold	Lee, IL	30
Muscatine, IA	Muscatine, IA	cold	Lewis, MO	25
Muscatine, IA	Muscatine, IA	cold	Linn, IA	41
Muscatine, IA	Muscatine, IA	cold	Livingston, IL	24
Muscatine, IA	Muscatine, IA	cold	Louisa, IA	100
Muscatine, IA	Muscatine, IA	cold	Mahaska, IA	32
Muscatine, IA	Muscatine, IA	cold	Marion, IA	23
Muscatine, IA	Muscatine, IA	cold	Marshall, IA	18
Muscatine, IA	Muscatine, IA	cold	Marshall, IL	39
Muscatine, IA	Muscatine, IA	cold	Mason, IL	24
Muscatine, IA	Muscatine, IA	cold	McDonough, IL	41
Muscatine, IA	Muscatine, IA	cold	McHenry, IL	12
Muscatine, IA	Muscatine, IA	cold	Mercer, IL	98
Muscatine, IA	Muscatine, IA	cold	Monroe, IA	25
Muscatine, IA	Muscatine, IA	cold	Muscatine, IA	99
Muscatine, IA	Muscatine, IA	cold	Ogle, IL	23
Muscatine, IA	Muscatine, IA	cold	Peoria, IL	43
Muscatine, IA	Muscatine, IA	cold	Polk, IA	16
Muscatine, IA	Muscatine, IA	cold	Poweshiek, IA	30
Muscatine, IA	Muscatine, IA	cold	Putnam, IL	38
Muscatine, IA	Muscatine, IA	cold	Richland, WI	9
Muscatine, IA	Muscatine, IA	cold	Rock Island, IL	89
Muscatine, IA	Muscatine, IA	cold	Rock, WI	14
Muscatine, IA	Muscatine, IA	cold	Schuyler, IL	23
Muscatine, IA	Muscatine, IA	cold	Schuyler, MO	24
Muscatine, IA	Muscatine, IA	cold	Scotland, MO	31
Muscatine, IA	Muscatine, IA	cold	Scott, IA	79
Muscatine, IA	Muscatine, IA	cold	Stark, IL	53
Muscatine, IA	Muscatine, IA	cold	Stephenson, IL	18
Muscatine, IA	Muscatine, IA	cold	Story, IA	14
Muscatine, IA	Muscatine, IA	cold	Tama, IA	22
Muscatine, IA	Muscatine, IA	cold	Tazewell, IL	29
Muscatine, IA	Muscatine, IA	cold	Van Buren, IA	50
Muscatine, IA	Muscatine, IA	cold	Walworth, WI	11
Muscatine, IA	Muscatine, IA	cold	Wapello, IA	38

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Muscatine, IA	Muscatine, IA	cold	Warren, IL	72
Muscatine, IA	Muscatine, IA	cold	Washington, IA	77
Muscatine, IA	Muscatine, IA	cold	Whiteside, IL	43
Muscatine, IA	Muscatine, IA	cold	Winnebago, IL	16
Muscatine, IA	Muscatine, IA	cold	Winneshiek, IA	11
Muscatine, IA	Muscatine, IA	cold	Woodford, IL	33
Muscatine, IA	Muscatine, IA	warm	Adair, MO	29
Muscatine, IA	Muscatine, IA	warm	Adams, IL	48
Muscatine, IA	Muscatine, IA	warm	Allamakee, IA	20
Muscatine, IA	Muscatine, IA	warm	Appanoose, IA	26
Muscatine, IA	Muscatine, IA	warm	Benton, IA	31
Muscatine, IA	Muscatine, IA	warm	Black Hawk, IA	18
Muscatine, IA	Muscatine, IA	warm	Boone, IL	19
Muscatine, IA	Muscatine, IA	warm	Bremer, IA	15
Muscatine, IA	Muscatine, IA	warm	Buchanan, IA	27
Muscatine, IA	Muscatine, IA	warm	Bureau, IL	48
Muscatine, IA	Muscatine, IA	warm	Butler, IA	10
Muscatine, IA	Muscatine, IA	warm	Carroll, IL	39
Muscatine, IA	Muscatine, IA	warm	Cedar, IA	81
Muscatine, IA	Muscatine, IA	warm	Cerro Gordo, IA	7
Muscatine, IA	Muscatine, IA	warm	Chickasaw, IA	14
Muscatine, IA	Muscatine, IA	warm	Clark, MO	54
Muscatine, IA	Muscatine, IA	warm	Clayton, IA	27
Muscatine, IA	Muscatine, IA	warm	Clinton, IA	65
Muscatine, IA	Muscatine, IA	warm	Crawford, WI	21
Muscatine, IA	Muscatine, IA	warm	Davis, IA	35
Muscatine, IA	Muscatine, IA	warm	DeKalb, IL	28
Muscatine, IA	Muscatine, IA	warm	Delaware, IA	36
Muscatine, IA	Muscatine, IA	warm	Des Moines, IA	95
Muscatine, IA	Muscatine, IA	warm	Dubuque, IA	39
Muscatine, IA	Muscatine, IA	warm	Fayette, IA	21
Muscatine, IA	Muscatine, IA	warm	Floyd, IA	10
Muscatine, IA	Muscatine, IA	warm	Franklin, IA	8
Muscatine, IA	Muscatine, IA	warm	Fulton, IL	52
Muscatine, IA	Muscatine, IA	warm	Grant, WI	26
Muscatine, IA	Muscatine, IA	warm	Green, WI	15
Muscatine, IA	Muscatine, IA	warm	Grundy, IA	12
Muscatine, IA	Muscatine, IA	warm	Grundy, IL	29
Muscatine, IA	Muscatine, IA	warm	Hancock, IL	68
Muscatine, IA	Muscatine, IA	warm	Hardin, IA	9
Muscatine, IA	Muscatine, IA	warm	Henderson, IL	93
Muscatine, IA	Muscatine, IA	warm	Henry, IA	83
Muscatine, IA	Muscatine, IA	warm	Henry, IL	72
Muscatine, IA	Muscatine, IA	warm	Iowa, IA	42
Muscatine, IA	Muscatine, IA	warm	Iowa, WI	17
Muscatine, IA	Muscatine, IA	warm	Jackson, IA	49
Muscatine, IA	Muscatine, IA	warm	Jasper, IA	16
Muscatine, IA	Muscatine, IA	warm	Jefferson, IA	58
Muscatine, IA	Muscatine, IA	warm	Jo Daviess, IL	32

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Muscatine, IA	Muscatine, IA	warm	Johnson, IA	69
Muscatine, IA	Muscatine, IA	warm	Jones, IA	57
Muscatine, IA	Muscatine, IA	warm	Kane, IL	25
Muscatine, IA	Muscatine, IA	warm	Kendall, IL	29
Muscatine, IA	Muscatine, IA	warm	Keokuk, IA	44
Muscatine, IA	Muscatine, IA	warm	Knox, IL	71
Muscatine, IA	Muscatine, IA	warm	Knox, MO	35
Muscatine, IA	Muscatine, IA	warm	La Salle, IL	35
Muscatine, IA	Muscatine, IA	warm	Lafayette, WI	22
Muscatine, IA	Muscatine, IA	warm	Lee, IA	73
Muscatine, IA	Muscatine, IA	warm	Lee, IL	37
Muscatine, IA	Muscatine, IA	warm	Lewis, MO	44
Muscatine, IA	Muscatine, IA	warm	Linn, IA	48
Muscatine, IA	Muscatine, IA	warm	Livingston, IL	26
Muscatine, IA	Muscatine, IA	warm	Louisa, IA	99
Muscatine, IA	Muscatine, IA	warm	Mahaska, IA	27
Muscatine, IA	Muscatine, IA	warm	Marion, IA	18
Muscatine, IA	Muscatine, IA	warm	Marshall, IA	13
Muscatine, IA	Muscatine, IA	warm	Marshall, IL	41
Muscatine, IA	Muscatine, IA	warm	Mason, IL	35
Muscatine, IA	Muscatine, IA	warm	McDonough, IL	67
Muscatine, IA	Muscatine, IA	warm	McHenry, IL	19
Muscatine, IA	Muscatine, IA	warm	Mercer, IL	100
Muscatine, IA	Muscatine, IA	warm	Monroe, IA	24
Muscatine, IA	Muscatine, IA	warm	Muscatine, IA	97
Muscatine, IA	Muscatine, IA	warm	Ogle, IL	29
Muscatine, IA	Muscatine, IA	warm	Peoria, IL	46
Muscatine, IA	Muscatine, IA	warm	Polk, IA	11
Muscatine, IA	Muscatine, IA	warm	Poweshiek, IA	25
Muscatine, IA	Muscatine, IA	warm	Putnam, IL	41
Muscatine, IA	Muscatine, IA	warm	Richland, WI	16
Muscatine, IA	Muscatine, IA	warm	Rock Island, IL	91
Muscatine, IA	Muscatine, IA	warm	Rock, WI	14
Muscatine, IA	Muscatine, IA	warm	Schuyler, IL	51
Muscatine, IA	Muscatine, IA	warm	Schuyler, MO	32
Muscatine, IA	Muscatine, IA	warm	Scotland, MO	40
Muscatine, IA	Muscatine, IA	warm	Scott, IA	84
Muscatine, IA	Muscatine, IA	warm	Stark, IL	55
Muscatine, IA	Muscatine, IA	warm	Stephenson, IL	23
Muscatine, IA	Muscatine, IA	warm	Story, IA	10
Muscatine, IA	Muscatine, IA	warm	Tama, IA	19
Muscatine, IA	Muscatine, IA	warm	Tazewell, IL	31
Muscatine, IA	Muscatine, IA	warm	Van Buren, IA	55
Muscatine, IA	Muscatine, IA	warm	Walworth, WI	14
Muscatine, IA	Muscatine, IA	warm	Wapello, IA	36
Muscatine, IA	Muscatine, IA	warm	Warren, IL	86
Muscatine, IA	Muscatine, IA	warm	Washington, IA	71
Muscatine, IA	Muscatine, IA	warm	Whiteside, IL	51
Muscatine, IA	Muscatine, IA	warm	Winnebago, IL	20

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Muscatine, IA	Muscatine, IA	warm	Winneshiek, IA	17
Muscatine, IA	Muscatine, IA	warm	Woodford, IL	33
New York, New York	Bergen, NJ	cold	Albany, NY	1
New York, New York	Bergen, NJ	cold	Atlantic, NJ	30
New York, New York	Bergen, NJ	cold	Bennington, VT	1
New York, New York	Bergen, NJ	cold	Bergen, NJ	77
New York, New York	Bergen, NJ	cold	Berks, PA	28
New York, New York	Bergen, NJ	cold	Berkshire, MA	2
New York, New York	Bergen, NJ	cold	Bradford, PA	7
New York, New York	Bergen, NJ	cold	Bronx, NY	84
New York, New York	Bergen, NJ	cold	Broome, NY	4
New York, New York	Bergen, NJ	cold	Bucks, PA	52
New York, New York	Bergen, NJ	cold	Burlington, NJ	49
New York, New York	Bergen, NJ	cold	Camden, NJ	40
New York, New York	Bergen, NJ	cold	Cape May, NJ	19
New York, New York	Bergen, NJ	cold	Carbon, PA	22
New York, New York	Bergen, NJ	cold	Cayuga, NY	1
New York, New York	Bergen, NJ	cold	Cecil, MD	26
New York, New York	Bergen, NJ	cold	Chemung, NY	4
New York, New York	Bergen, NJ	cold	Chenango, NY	2
New York, New York	Bergen, NJ	cold	Cheshire, NH	1
New York, New York	Bergen, NJ	cold	Chester, PA	30
New York, New York	Bergen, NJ	cold	Clinton, PA	6
New York, New York	Bergen, NJ	cold	Columbia, NY	3
New York, New York	Bergen, NJ	cold	Columbia, PA	14
New York, New York	Bergen, NJ	cold	Cortland, NY	1
New York, New York	Bergen, NJ	cold	Cumberland, NJ	25
New York, New York	Bergen, NJ	cold	Cumberland, PA	13
New York, New York	Bergen, NJ	cold	Dauphin, PA	20
New York, New York	Bergen, NJ	cold	Delaware, NY	3
New York, New York	Bergen, NJ	cold	Delaware, PA	35
New York, New York	Bergen, NJ	cold	Dutchess, NY	13
New York, New York	Bergen, NJ	cold	Essex, NJ	92
New York, New York	Bergen, NJ	cold	Fairfield, CT	35
New York, New York	Bergen, NJ	cold	Franklin, MA	1
New York, New York	Bergen, NJ	cold	Gloucester, NJ	35
New York, New York	Bergen, NJ	cold	Greene, NY	3
New York, New York	Bergen, NJ	cold	Hampden, MA	3
New York, New York	Bergen, NJ	cold	Hampshire, MA	2
New York, New York	Bergen, NJ	cold	Harford, MD	23
New York, New York	Bergen, NJ	cold	Hartford, CT	7
New York, New York	Bergen, NJ	cold	Herkimer, NY	0
New York, New York	Bergen, NJ	cold	Hudson, NJ	100
New York, New York	Bergen, NJ	cold	Hunterdon, NJ	63
New York, New York	Bergen, NJ	cold	Juniata, PA	12
New York, New York	Bergen, NJ	cold	Kent, DE	20
New York, New York	Bergen, NJ	cold	Kent, MD	25
New York, New York	Bergen, NJ	cold	Kings, NY	98
New York, New York	Bergen, NJ	cold	Lackawanna, PA	12

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Bergen, NJ	cold	Lancaster, PA	24
New York, New York	Bergen, NJ	cold	Lebanon, PA	23
New York, New York	Bergen, NJ	cold	Lehigh, PA	32
New York, New York	Bergen, NJ	cold	Litchfield, CT	10
New York, New York	Bergen, NJ	cold	Luzerne, PA	14
New York, New York	Bergen, NJ	cold	Lycoming, PA	7
New York, New York	Bergen, NJ	cold	Madison, NY	1
New York, New York	Bergen, NJ	cold	Mercer, NJ	71
New York, New York	Bergen, NJ	cold	Middlesex, CT	12
New York, New York	Bergen, NJ	cold	Middlesex, NJ	90
New York, New York	Bergen, NJ	cold	Monmouth, NJ	80
New York, New York	Bergen, NJ	cold	Monroe, PA	24
New York, New York	Bergen, NJ	cold	Montgomery, NY	1
New York, New York	Bergen, NJ	cold	Montgomery, PA	40
New York, New York	Bergen, NJ	cold	Montour, PA	14
New York, New York	Bergen, NJ	cold	Morris, NJ	71
New York, New York	Bergen, NJ	cold	Nassau, NY	73
New York, New York	Bergen, NJ	cold	New Castle, DE	28
New York, New York	Bergen, NJ	cold	New Haven, CT	21
New York, New York	Bergen, NJ	cold	New London, CT	6
New York, New York	Bergen, NJ	cold	New York, NY	94
New York, New York	Bergen, NJ	cold	Northampton, PA	38
New York, New York	Bergen, NJ	cold	Northumberland, PA	17
New York, New York	Bergen, NJ	cold	Ocean, NJ	53
New York, New York	Bergen, NJ	cold	Oneida, NY	1
New York, New York	Bergen, NJ	cold	Onondaga, NY	1
New York, New York	Bergen, NJ	cold	Orange, NY	25
New York, New York	Bergen, NJ	cold	Otsego, NY	1
New York, New York	Bergen, NJ	cold	Passaic, NJ	62
New York, New York	Bergen, NJ	cold	Perry, PA	14
New York, New York	Bergen, NJ	cold	Philadelphia, PA	43
New York, New York	Bergen, NJ	cold	Pike, PA	18
New York, New York	Bergen, NJ	cold	Potter, PA	2
New York, New York	Bergen, NJ	cold	Putnam, NY	27
New York, New York	Bergen, NJ	cold	Queens, NY	91
New York, New York	Bergen, NJ	cold	Rensselaer, NY	1
New York, New York	Bergen, NJ	cold	Rockland, NY	52
New York, New York	Bergen, NJ	cold	Rutland, VT	0
New York, New York	Bergen, NJ	cold	Salem, NJ	29
New York, New York	Bergen, NJ	cold	Saratoga, NY	0
New York, New York	Bergen, NJ	cold	Schenectady, NY	1
New York, New York	Bergen, NJ	cold	Schoharie, NY	1
New York, New York	Bergen, NJ	cold	Schuylkill, PA	22
New York, New York	Bergen, NJ	cold	Snyder, PA	15
New York, New York	Bergen, NJ	cold	Somerset, NJ	82
New York, New York	Bergen, NJ	cold	Suffolk, NY	31
New York, New York	Bergen, NJ	cold	Sullivan, NY	10
New York, New York	Bergen, NJ	cold	Sullivan, PA	9
New York, New York	Bergen, NJ	cold	Susquehanna, PA	8

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Bergen, NJ	cold	Sussex, NJ	37
New York, New York	Bergen, NJ	cold	Tioga, NY	4
New York, New York	Bergen, NJ	cold	Tioga, PA	4
New York, New York	Bergen, NJ	cold	Tolland, CT	4
New York, New York	Bergen, NJ	cold	Tompkins, NY	2
New York, New York	Bergen, NJ	cold	Ulster, NY	8
New York, New York	Bergen, NJ	cold	Union, NJ	99
New York, New York	Bergen, NJ	cold	Union, PA	12
New York, New York	Bergen, NJ	cold	Warren, NJ	46
New York, New York	Bergen, NJ	cold	Washington, NY	0
New York, New York	Bergen, NJ	cold	Wayne, PA	10
New York, New York	Bergen, NJ	cold	Westchester, NY	50
New York, New York	Bergen, NJ	cold	Windham, VT	1
New York, New York	Bergen, NJ	cold	Windsor, VT	0
New York, New York	Bergen, NJ	cold	Worcester, MA	2
New York, New York	Bergen, NJ	cold	Wyoming, PA	10
New York, New York	Bergen, NJ	cold	York, PA	18
New York, New York	Bergen, NJ	warm	Albany, NY	1
New York, New York	Bergen, NJ	warm	Atlantic, NJ	36
New York, New York	Bergen, NJ	warm	Bennington, VT	1
New York, New York	Bergen, NJ	warm	Bergen, NJ	74
New York, New York	Bergen, NJ	warm	Berks, PA	41
New York, New York	Bergen, NJ	warm	Berkshire, MA	1
New York, New York	Bergen, NJ	warm	Bradford, PA	8
New York, New York	Bergen, NJ	warm	Bronx, NY	78
New York, New York	Bergen, NJ	warm	Broome, NY	6
New York, New York	Bergen, NJ	warm	Bucks, PA	68
New York, New York	Bergen, NJ	warm	Burlington, NJ	56
New York, New York	Bergen, NJ	warm	Camden, NJ	52
New York, New York	Bergen, NJ	warm	Cape May, NJ	29
New York, New York	Bergen, NJ	warm	Carbon, PA	27
New York, New York	Bergen, NJ	warm	Cayuga, NY	6
New York, New York	Bergen, NJ	warm	Cecil, MD	47
New York, New York	Bergen, NJ	warm	Chemung, NY	5
New York, New York	Bergen, NJ	warm	Chenango, NY	4
New York, New York	Bergen, NJ	warm	Cheshire, NH	1
New York, New York	Bergen, NJ	warm	Chester, PA	51
New York, New York	Bergen, NJ	warm	Clinton, PA	9
New York, New York	Bergen, NJ	warm	Columbia, NY	2
New York, New York	Bergen, NJ	warm	Columbia, PA	21
New York, New York	Bergen, NJ	warm	Cortland, NY	5
New York, New York	Bergen, NJ	warm	Cumberland, NJ	38
New York, New York	Bergen, NJ	warm	Cumberland, PA	24
New York, New York	Bergen, NJ	warm	Dauphin, PA	32
New York, New York	Bergen, NJ	warm	Delaware, NY	4
New York, New York	Bergen, NJ	warm	Delaware, PA	56
New York, New York	Bergen, NJ	warm	Dutchess, NY	9
New York, New York	Bergen, NJ	warm	Essex, NJ	91
New York, New York	Bergen, NJ	warm	Fairfield, CT	28

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Bergen, NJ	warm	Franklin, MA	1
New York, New York	Bergen, NJ	warm	Gloucester, NJ	50
New York, New York	Bergen, NJ	warm	Greene, NY	2
New York, New York	Bergen, NJ	warm	Hampden, MA	2
New York, New York	Bergen, NJ	warm	Hampshire, MA	1
New York, New York	Bergen, NJ	warm	Harford, MD	42
New York, New York	Bergen, NJ	warm	Hartford, CT	5
New York, New York	Bergen, NJ	warm	Herkimer, NY	1
New York, New York	Bergen, NJ	warm	Hudson, NJ	97
New York, New York	Bergen, NJ	warm	Hunterdon, NJ	74
New York, New York	Bergen, NJ	warm	Juniata, PA	20
New York, New York	Bergen, NJ	warm	Kent, DE	39
New York, New York	Bergen, NJ	warm	Kent, MD	43
New York, New York	Bergen, NJ	warm	Kings, NY	92
New York, New York	Bergen, NJ	warm	Lackawanna, PA	12
New York, New York	Bergen, NJ	warm	Lancaster, PA	43
New York, New York	Bergen, NJ	warm	Lebanon, PA	36
New York, New York	Bergen, NJ	warm	Lehigh, PA	43
New York, New York	Bergen, NJ	warm	Litchfield, CT	7
New York, New York	Bergen, NJ	warm	Luzerne, PA	18
New York, New York	Bergen, NJ	warm	Lycoming, PA	12
New York, New York	Bergen, NJ	warm	Madison, NY	4
New York, New York	Bergen, NJ	warm	Mercer, NJ	83
New York, New York	Bergen, NJ	warm	Middlesex, CT	9
New York, New York	Bergen, NJ	warm	Middlesex, NJ	96
New York, New York	Bergen, NJ	warm	Monmouth, NJ	81
New York, New York	Bergen, NJ	warm	Monroe, PA	26
New York, New York	Bergen, NJ	warm	Montgomery, NY	1
New York, New York	Bergen, NJ	warm	Montgomery, PA	59
New York, New York	Bergen, NJ	warm	Montour, PA	22
New York, New York	Bergen, NJ	warm	Morris, NJ	72
New York, New York	Bergen, NJ	warm	Nassau, NY	62
New York, New York	Bergen, NJ	warm	New Castle, DE	49
New York, New York	Bergen, NJ	warm	New Haven, CT	16
New York, New York	Bergen, NJ	warm	New London, CT	5
New York, New York	Bergen, NJ	warm	New York, NY	89
New York, New York	Bergen, NJ	warm	Northampton, PA	46
New York, New York	Bergen, NJ	warm	Northumberland, PA	25
New York, New York	Bergen, NJ	warm	Ocean, NJ	52
New York, New York	Bergen, NJ	warm	Oneida, NY	3
New York, New York	Bergen, NJ	warm	Onondaga, NY	6
New York, New York	Bergen, NJ	warm	Orange, NY	22
New York, New York	Bergen, NJ	warm	Otsego, NY	3
New York, New York	Bergen, NJ	warm	Passaic, NJ	60
New York, New York	Bergen, NJ	warm	Perry, PA	24
New York, New York	Bergen, NJ	warm	Philadelphia, PA	62
New York, New York	Bergen, NJ	warm	Pike, PA	17
New York, New York	Bergen, NJ	warm	Potter, PA	4
New York, New York	Bergen, NJ	warm	Putnam, NY	22

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Bergen, NJ	warm	Queens, NY	82
New York, New York	Bergen, NJ	warm	Rensselaer, NY	1
New York, New York	Bergen, NJ	warm	Rockland, NY	49
New York, New York	Bergen, NJ	warm	Rutland, VT	0
New York, New York	Bergen, NJ	warm	Salem, NJ	47
New York, New York	Bergen, NJ	warm	Saratoga, NY	1
New York, New York	Bergen, NJ	warm	Schenectady, NY	1
New York, New York	Bergen, NJ	warm	Schoharie, NY	2
New York, New York	Bergen, NJ	warm	Schuylkill, PA	30
New York, New York	Bergen, NJ	warm	Snyder, PA	23
New York, New York	Bergen, NJ	warm	Somerset, NJ	90
New York, New York	Bergen, NJ	warm	Suffolk, NY	24
New York, New York	Bergen, NJ	warm	Sullivan, NY	7
New York, New York	Bergen, NJ	warm	Sullivan, PA	12
New York, New York	Bergen, NJ	warm	Susquehanna, PA	8
New York, New York	Bergen, NJ	warm	Sussex, NJ	35
New York, New York	Bergen, NJ	warm	Tioga, NY	6
New York, New York	Bergen, NJ	warm	Tioga, PA	5
New York, New York	Bergen, NJ	warm	Tolland, CT	3
New York, New York	Bergen, NJ	warm	Tompkins, NY	6
New York, New York	Bergen, NJ	warm	Ulster, NY	6
New York, New York	Bergen, NJ	warm	Union, NJ	100
New York, New York	Bergen, NJ	warm	Union, PA	20
New York, New York	Bergen, NJ	warm	Warren, NJ	50
New York, New York	Bergen, NJ	warm	Washington, NY	1
New York, New York	Bergen, NJ	warm	Wayne, PA	9
New York, New York	Bergen, NJ	warm	Westchester, NY	45
New York, New York	Bergen, NJ	warm	Windham, VT	1
New York, New York	Bergen, NJ	warm	Windsor, VT	0
New York, New York	Bergen, NJ	warm	Worcester, MA	3
New York, New York	Bergen, NJ	warm	Wyoming, PA	11
New York, New York	Bergen, NJ	warm	York, PA	35
New York, New York	Bronx, NY	cold	Albany, NY	1
New York, New York	Bronx, NY	cold	Atlantic, NJ	24
New York, New York	Bronx, NY	cold	Bennington, VT	0
New York, New York	Bronx, NY	cold	Bergen, NJ	71
New York, New York	Bronx, NY	cold	Berks, PA	31
New York, New York	Bronx, NY	cold	Berkshire, MA	1
New York, New York	Bronx, NY	cold	Bradford, PA	5
New York, New York	Bronx, NY	cold	Bronx, NY	79
New York, New York	Bronx, NY	cold	Broome, NY	3
New York, New York	Bronx, NY	cold	Bucks, PA	50
New York, New York	Bronx, NY	cold	Burlington, NJ	41
New York, New York	Bronx, NY	cold	Camden, NJ	35
New York, New York	Bronx, NY	cold	Cape May, NJ	15
New York, New York	Bronx, NY	cold	Carbon, PA	21
New York, New York	Bronx, NY	cold	Cayuga, NY	1
New York, New York	Bronx, NY	cold	Cecil, MD	30
New York, New York	Bronx, NY	cold	Chemung, NY	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Bronx, NY	cold	Chenango, NY	1
New York, New York	Bronx, NY	cold	Cheshire, NH	0
New York, New York	Bronx, NY	cold	Chester, PA	33
New York, New York	Bronx, NY	cold	Clinton, PA	5
New York, New York	Bronx, NY	cold	Columbia, NY	1
New York, New York	Bronx, NY	cold	Columbia, PA	14
New York, New York	Bronx, NY	cold	Cortland, NY	1
New York, New York	Bronx, NY	cold	Cumberland, NJ	21
New York, New York	Bronx, NY	cold	Cumberland, PA	13
New York, New York	Bronx, NY	cold	Dauphin, PA	21
New York, New York	Bronx, NY	cold	Delaware, NY	2
New York, New York	Bronx, NY	cold	Delaware, PA	35
New York, New York	Bronx, NY	cold	Dutchess, NY	7
New York, New York	Bronx, NY	cold	Essex, NJ	91
New York, New York	Bronx, NY	cold	Fairfield, CT	25
New York, New York	Bronx, NY	cold	Franklin, MA	1
New York, New York	Bronx, NY	cold	Gloucester, NJ	31
New York, New York	Bronx, NY	cold	Greene, NY	1
New York, New York	Bronx, NY	cold	Hampden, MA	2
New York, New York	Bronx, NY	cold	Hampshire, MA	1
New York, New York	Bronx, NY	cold	Harford, MD	30
New York, New York	Bronx, NY	cold	Hartford, CT	4
New York, New York	Bronx, NY	cold	Herkimer, NY	0
New York, New York	Bronx, NY	cold	Hudson, NJ	100
New York, New York	Bronx, NY	cold	Hunterdon, NJ	61
New York, New York	Bronx, NY	cold	Juniata, PA	12
New York, New York	Bronx, NY	cold	Kent, DE	18
New York, New York	Bronx, NY	cold	Kent, MD	28
New York, New York	Bronx, NY	cold	Kings, NY	98
New York, New York	Bronx, NY	cold	Lackawanna, PA	11
New York, New York	Bronx, NY	cold	Lancaster, PA	27
New York, New York	Bronx, NY	cold	Lebanon, PA	25
New York, New York	Bronx, NY	cold	Lehigh, PA	33
New York, New York	Bronx, NY	cold	Litchfield, CT	6
New York, New York	Bronx, NY	cold	Luzerne, PA	13
New York, New York	Bronx, NY	cold	Lycoming, PA	6
New York, New York	Bronx, NY	cold	Madison, NY	1
New York, New York	Bronx, NY	cold	Mercer, NJ	65
New York, New York	Bronx, NY	cold	Middlesex, CT	9
New York, New York	Bronx, NY	cold	Middlesex, NJ	86
New York, New York	Bronx, NY	cold	Monmouth, NJ	71
New York, New York	Bronx, NY	cold	Monroe, PA	21
New York, New York	Bronx, NY	cold	Montgomery, NY	0
New York, New York	Bronx, NY	cold	Montgomery, PA	41
New York, New York	Bronx, NY	cold	Montour, PA	13
New York, New York	Bronx, NY	cold	Morris, NJ	67
New York, New York	Bronx, NY	cold	Nassau, NY	66
New York, New York	Bronx, NY	cold	New Castle, DE	29
New York, New York	Bronx, NY	cold	New Haven, CT	15

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Bronx, NY	cold	New London, CT	5
New York, New York	Bronx, NY	cold	New York, NY	93
New York, New York	Bronx, NY	cold	Northampton, PA	36
New York, New York	Bronx, NY	cold	Northumberland, PA	17
New York, New York	Bronx, NY	cold	Ocean, NJ	42
New York, New York	Bronx, NY	cold	Oneida, NY	1
New York, New York	Bronx, NY	cold	Onondaga, NY	1
New York, New York	Bronx, NY	cold	Orange, NY	18
New York, New York	Bronx, NY	cold	Otsego, NY	1
New York, New York	Bronx, NY	cold	Passaic, NJ	55
New York, New York	Bronx, NY	cold	Perry, PA	14
New York, New York	Bronx, NY	cold	Philadelphia, PA	41
New York, New York	Bronx, NY	cold	Pike, PA	15
New York, New York	Bronx, NY	cold	Potter, PA	2
New York, New York	Bronx, NY	cold	Putnam, NY	19
New York, New York	Bronx, NY	cold	Queens, NY	88
New York, New York	Bronx, NY	cold	Rensselaer, NY	1
New York, New York	Bronx, NY	cold	Rockland, NY	42
New York, New York	Bronx, NY	cold	Rutland, VT	0
New York, New York	Bronx, NY	cold	Salem, NJ	27
New York, New York	Bronx, NY	cold	Saratoga, NY	0
New York, New York	Bronx, NY	cold	Schenectady, NY	1
New York, New York	Bronx, NY	cold	Schoharie, NY	1
New York, New York	Bronx, NY	cold	Schuylkill, PA	23
New York, New York	Bronx, NY	cold	Snyder, PA	15
New York, New York	Bronx, NY	cold	Somerset, NJ	79
New York, New York	Bronx, NY	cold	Suffolk, NY	24
New York, New York	Bronx, NY	cold	Sullivan, NY	7
New York, New York	Bronx, NY	cold	Sullivan, PA	7
New York, New York	Bronx, NY	cold	Susquehanna, PA	6
New York, New York	Bronx, NY	cold	Sussex, NJ	31
New York, New York	Bronx, NY	cold	Tioga, NY	3
New York, New York	Bronx, NY	cold	Tioga, PA	3
New York, New York	Bronx, NY	cold	Tolland, CT	3
New York, New York	Bronx, NY	cold	Tompkins, NY	1
New York, New York	Bronx, NY	cold	Ulster, NY	4
New York, New York	Bronx, NY	cold	Union, NJ	98
New York, New York	Bronx, NY	cold	Union, PA	12
New York, New York	Bronx, NY	cold	Warren, NJ	42
New York, New York	Bronx, NY	cold	Washington, NY	0
New York, New York	Bronx, NY	cold	Wayne, PA	8
New York, New York	Bronx, NY	cold	Westchester, NY	40
New York, New York	Bronx, NY	cold	Windham, VT	0
New York, New York	Bronx, NY	cold	Windsor, VT	0
New York, New York	Bronx, NY	cold	Worcester, MA	1
New York, New York	Bronx, NY	cold	Wyoming, PA	9
New York, New York	Bronx, NY	cold	York, PA	21
New York, New York	Bronx, NY	warm	Albany, NY	1
New York, New York	Bronx, NY	warm	Atlantic, NJ	40

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Bronx, NY	warm	Bennington, VT	0
New York, New York	Bronx, NY	warm	Bergen, NJ	70
New York, New York	Bronx, NY	warm	Berks, PA	36
New York, New York	Bronx, NY	warm	Berkshire, MA	1
New York, New York	Bronx, NY	warm	Bradford, PA	7
New York, New York	Bronx, NY	warm	Bronx, NY	76
New York, New York	Bronx, NY	warm	Broome, NY	6
New York, New York	Bronx, NY	warm	Bucks, PA	69
New York, New York	Bronx, NY	warm	Burlington, NJ	61
New York, New York	Bronx, NY	warm	Camden, NJ	55
New York, New York	Bronx, NY	warm	Cape May, NJ	31
New York, New York	Bronx, NY	warm	Carbon, PA	23
New York, New York	Bronx, NY	warm	Cayuga, NY	6
New York, New York	Bronx, NY	warm	Cecil, MD	42
New York, New York	Bronx, NY	warm	Chemung, NY	6
New York, New York	Bronx, NY	warm	Chenango, NY	5
New York, New York	Bronx, NY	warm	Cheshire, NH	0
New York, New York	Bronx, NY	warm	Chester, PA	46
New York, New York	Bronx, NY	warm	Clinton, PA	8
New York, New York	Bronx, NY	warm	Columbia, NY	2
New York, New York	Bronx, NY	warm	Columbia, PA	17
New York, New York	Bronx, NY	warm	Cortland, NY	6
New York, New York	Bronx, NY	warm	Cumberland, NJ	40
New York, New York	Bronx, NY	warm	Cumberland, PA	18
New York, New York	Bronx, NY	warm	Dauphin, PA	24
New York, New York	Bronx, NY	warm	Delaware, NY	4
New York, New York	Bronx, NY	warm	Delaware, PA	54
New York, New York	Bronx, NY	warm	Dutchess, NY	8
New York, New York	Bronx, NY	warm	Essex, NJ	89
New York, New York	Bronx, NY	warm	Fairfield, CT	29
New York, New York	Bronx, NY	warm	Franklin, MA	0
New York, New York	Bronx, NY	warm	Gloucester, NJ	52
New York, New York	Bronx, NY	warm	Greene, NY	2
New York, New York	Bronx, NY	warm	Hampden, MA	1
New York, New York	Bronx, NY	warm	Hampshire, MA	1
New York, New York	Bronx, NY	warm	Harford, MD	34
New York, New York	Bronx, NY	warm	Hartford, CT	5
New York, New York	Bronx, NY	warm	Herkimer, NY	1
New York, New York	Bronx, NY	warm	Hudson, NJ	96
New York, New York	Bronx, NY	warm	Hunterdon, NJ	74
New York, New York	Bronx, NY	warm	Juniata, PA	14
New York, New York	Bronx, NY	warm	Kent, DE	39
New York, New York	Bronx, NY	warm	Kent, MD	40
New York, New York	Bronx, NY	warm	Kings, NY	92
New York, New York	Bronx, NY	warm	Lackawanna, PA	10
New York, New York	Bronx, NY	warm	Lancaster, PA	35
New York, New York	Bronx, NY	warm	Lebanon, PA	28
New York, New York	Bronx, NY	warm	Lehigh, PA	38
New York, New York	Bronx, NY	warm	Litchfield, CT	7

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Bronx, NY	warm	Luzerne, PA	15
New York, New York	Bronx, NY	warm	Lycoming, PA	11
New York, New York	Bronx, NY	warm	Madison, NY	4
New York, New York	Bronx, NY	warm	Mercer, NJ	88
New York, New York	Bronx, NY	warm	Middlesex, CT	10
New York, New York	Bronx, NY	warm	Middlesex, NJ	100
New York, New York	Bronx, NY	warm	Monmouth, NJ	86
New York, New York	Bronx, NY	warm	Monroe, PA	22
New York, New York	Bronx, NY	warm	Montgomery, NY	1
New York, New York	Bronx, NY	warm	Montgomery, PA	57
New York, New York	Bronx, NY	warm	Montour, PA	18
New York, New York	Bronx, NY	warm	Morris, NJ	68
New York, New York	Bronx, NY	warm	Nassau, NY	61
New York, New York	Bronx, NY	warm	New Castle, DE	46
New York, New York	Bronx, NY	warm	New Haven, CT	18
New York, New York	Bronx, NY	warm	New London, CT	4
New York, New York	Bronx, NY	warm	New York, NY	87
New York, New York	Bronx, NY	warm	Northampton, PA	41
New York, New York	Bronx, NY	warm	Northumberland, PA	20
New York, New York	Bronx, NY	warm	Ocean, NJ	58
New York, New York	Bronx, NY	warm	Oneida, NY	3
New York, New York	Bronx, NY	warm	Onondaga, NY	6
New York, New York	Bronx, NY	warm	Orange, NY	18
New York, New York	Bronx, NY	warm	Otsego, NY	3
New York, New York	Bronx, NY	warm	Passaic, NJ	55
New York, New York	Bronx, NY	warm	Perry, PA	17
New York, New York	Bronx, NY	warm	Philadelphia, PA	63
New York, New York	Bronx, NY	warm	Pike, PA	13
New York, New York	Bronx, NY	warm	Potter, PA	4
New York, New York	Bronx, NY	warm	Putnam, NY	20
New York, New York	Bronx, NY	warm	Queens, NY	81
New York, New York	Bronx, NY	warm	Rensselaer, NY	1
New York, New York	Bronx, NY	warm	Rockland, NY	45
New York, New York	Bronx, NY	warm	Rutland, VT	0
New York, New York	Bronx, NY	warm	Salem, NJ	47
New York, New York	Bronx, NY	warm	Saratoga, NY	1
New York, New York	Bronx, NY	warm	Schenectady, NY	1
New York, New York	Bronx, NY	warm	Schoharie, NY	2
New York, New York	Bronx, NY	warm	Schuylkill, PA	24
New York, New York	Bronx, NY	warm	Snyder, PA	17
New York, New York	Bronx, NY	warm	Somerset, NJ	91
New York, New York	Bronx, NY	warm	Suffolk, NY	24
New York, New York	Bronx, NY	warm	Sullivan, NY	6
New York, New York	Bronx, NY	warm	Sullivan, PA	12
New York, New York	Bronx, NY	warm	Susquehanna, PA	7
New York, New York	Bronx, NY	warm	Sussex, NJ	30
New York, New York	Bronx, NY	warm	Tioga, NY	6
New York, New York	Bronx, NY	warm	Tioga, PA	6
New York, New York	Bronx, NY	warm	Tolland, CT	2

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Bronx, NY	warm	Tompkins, NY	6
New York, New York	Bronx, NY	warm	Ulster, NY	5
New York, New York	Bronx, NY	warm	Union, NJ	100
New York, New York	Bronx, NY	warm	Union, PA	16
New York, New York	Bronx, NY	warm	Warren, NJ	46
New York, New York	Bronx, NY	warm	Washington, NY	1
New York, New York	Bronx, NY	warm	Wayne, PA	7
New York, New York	Bronx, NY	warm	Westchester, NY	42
New York, New York	Bronx, NY	warm	Windham, VT	0
New York, New York	Bronx, NY	warm	Windsor, VT	0
New York, New York	Bronx, NY	warm	Worcester, MA	0
New York, New York	Bronx, NY	warm	Wyoming, PA	10
New York, New York	Bronx, NY	warm	York, PA	28
New York, New York	Essex, NJ	cold	Albany, NY	2
New York, New York	Essex, NJ	cold	Atlantic, NJ	25
New York, New York	Essex, NJ	cold	Bennington, VT	2
New York, New York	Essex, NJ	cold	Bergen, NJ	75
New York, New York	Essex, NJ	cold	Berks, PA	24
New York, New York	Essex, NJ	cold	Berkshire, MA	2
New York, New York	Essex, NJ	cold	Bradford, PA	4
New York, New York	Essex, NJ	cold	Bronx, NY	84
New York, New York	Essex, NJ	cold	Broome, NY	2
New York, New York	Essex, NJ	cold	Bucks, PA	43
New York, New York	Essex, NJ	cold	Burlington, NJ	41
New York, New York	Essex, NJ	cold	Camden, NJ	33
New York, New York	Essex, NJ	cold	Cape May, NJ	16
New York, New York	Essex, NJ	cold	Carbon, PA	16
New York, New York	Essex, NJ	cold	Cayuga, NY	2
New York, New York	Essex, NJ	cold	Cecil, MD	23
New York, New York	Essex, NJ	cold	Chemung, NY	2
New York, New York	Essex, NJ	cold	Chenango, NY	3
New York, New York	Essex, NJ	cold	Cheshire, NH	1
New York, New York	Essex, NJ	cold	Chester, PA	26
New York, New York	Essex, NJ	cold	Clinton, PA	5
New York, New York	Essex, NJ	cold	Columbia, NY	3
New York, New York	Essex, NJ	cold	Columbia, PA	12
New York, New York	Essex, NJ	cold	Cortland, NY	2
New York, New York	Essex, NJ	cold	Cumberland, NJ	20
New York, New York	Essex, NJ	cold	Cumberland, PA	11
New York, New York	Essex, NJ	cold	Dauphin, PA	18
New York, New York	Essex, NJ	cold	Delaware, NY	3
New York, New York	Essex, NJ	cold	Delaware, PA	30
New York, New York	Essex, NJ	cold	Dutchess, NY	10
New York, New York	Essex, NJ	cold	Essex, NJ	90
New York, New York	Essex, NJ	cold	Fairfield, CT	29
New York, New York	Essex, NJ	cold	Franklin, MA	2
New York, New York	Essex, NJ	cold	Gloucester, NJ	29
New York, New York	Essex, NJ	cold	Greene, NY	3
New York, New York	Essex, NJ	cold	Hampden, MA	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Essex, NJ	cold	Hampshire, MA	2
New York, New York	Essex, NJ	cold	Harford, MD	22
New York, New York	Essex, NJ	cold	Hartford, CT	6
New York, New York	Essex, NJ	cold	Herkimer, NY	2
New York, New York	Essex, NJ	cold	Hudson, NJ	100
New York, New York	Essex, NJ	cold	Hunterdon, NJ	53
New York, New York	Essex, NJ	cold	Juniata, PA	11
New York, New York	Essex, NJ	cold	Kent, DE	16
New York, New York	Essex, NJ	cold	Kent, MD	21
New York, New York	Essex, NJ	cold	Kings, NY	100
New York, New York	Essex, NJ	cold	Lackawanna, PA	6
New York, New York	Essex, NJ	cold	Lancaster, PA	22
New York, New York	Essex, NJ	cold	Lebanon, PA	21
New York, New York	Essex, NJ	cold	Lehigh, PA	25
New York, New York	Essex, NJ	cold	Litchfield, CT	9
New York, New York	Essex, NJ	cold	Luzerne, PA	10
New York, New York	Essex, NJ	cold	Lycoming, PA	6
New York, New York	Essex, NJ	cold	Madison, NY	5
New York, New York	Essex, NJ	cold	Mercer, NJ	61
New York, New York	Essex, NJ	cold	Middlesex, CT	9
New York, New York	Essex, NJ	cold	Middlesex, NJ	84
New York, New York	Essex, NJ	cold	Monmouth, NJ	75
New York, New York	Essex, NJ	cold	Monroe, PA	16
New York, New York	Essex, NJ	cold	Montgomery, NY	2
New York, New York	Essex, NJ	cold	Montgomery, PA	33
New York, New York	Essex, NJ	cold	Montour, PA	12
New York, New York	Essex, NJ	cold	Morris, NJ	64
New York, New York	Essex, NJ	cold	Nassau, NY	73
New York, New York	Essex, NJ	cold	New Castle, DE	24
New York, New York	Essex, NJ	cold	New Haven, CT	16
New York, New York	Essex, NJ	cold	New London, CT	4
New York, New York	Essex, NJ	cold	New York, NY	95
New York, New York	Essex, NJ	cold	Northampton, PA	29
New York, New York	Essex, NJ	cold	Northumberland, PA	15
New York, New York	Essex, NJ	cold	Ocean, NJ	46
New York, New York	Essex, NJ	cold	Oneida, NY	4
New York, New York	Essex, NJ	cold	Onondaga, NY	4
New York, New York	Essex, NJ	cold	Orange, NY	20
New York, New York	Essex, NJ	cold	Otsego, NY	3
New York, New York	Essex, NJ	cold	Passaic, NJ	57
New York, New York	Essex, NJ	cold	Perry, PA	12
New York, New York	Essex, NJ	cold	Philadelphia, PA	36
New York, New York	Essex, NJ	cold	Pike, PA	11
New York, New York	Essex, NJ	cold	Potter, PA	2
New York, New York	Essex, NJ	cold	Putnam, NY	23
New York, New York	Essex, NJ	cold	Queens, NY	92
New York, New York	Essex, NJ	cold	Rensselaer, NY	1
New York, New York	Essex, NJ	cold	Rockland, NY	48
New York, New York	Essex, NJ	cold	Rutland, VT	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Essex, NJ	cold	Salem, NJ	24
New York, New York	Essex, NJ	cold	Saratoga, NY	1
New York, New York	Essex, NJ	cold	Schenectady, NY	1
New York, New York	Essex, NJ	cold	Schoharie, NY	2
New York, New York	Essex, NJ	cold	Schuylkill, PA	19
New York, New York	Essex, NJ	cold	Snyder, PA	13
New York, New York	Essex, NJ	cold	Somerset, NJ	74
New York, New York	Essex, NJ	cold	Suffolk, NY	28
New York, New York	Essex, NJ	cold	Sullivan, NY	6
New York, New York	Essex, NJ	cold	Sullivan, PA	6
New York, New York	Essex, NJ	cold	Susquehanna, PA	3
New York, New York	Essex, NJ	cold	Sussex, NJ	29
New York, New York	Essex, NJ	cold	Tioga, NY	2
New York, New York	Essex, NJ	cold	Tioga, PA	3
New York, New York	Essex, NJ	cold	Tolland, CT	4
New York, New York	Essex, NJ	cold	Tompkins, NY	2
New York, New York	Essex, NJ	cold	Ulster, NY	6
New York, New York	Essex, NJ	cold	Union, NJ	96
New York, New York	Essex, NJ	cold	Union, PA	11
New York, New York	Essex, NJ	cold	Warren, NJ	36
New York, New York	Essex, NJ	cold	Washington, NY	1
New York, New York	Essex, NJ	cold	Wayne, PA	5
New York, New York	Essex, NJ	cold	Westchester, NY	46
New York, New York	Essex, NJ	cold	Windham, VT	2
New York, New York	Essex, NJ	cold	Windsor, VT	1
New York, New York	Essex, NJ	cold	Worcester, MA	1
New York, New York	Essex, NJ	cold	Wyoming, PA	5
New York, New York	Essex, NJ	cold	York, PA	17
New York, New York	Essex, NJ	warm	Albany, NY	1
New York, New York	Essex, NJ	warm	Atlantic, NJ	35
New York, New York	Essex, NJ	warm	Bennington, VT	1
New York, New York	Essex, NJ	warm	Bergen, NJ	74
New York, New York	Essex, NJ	warm	Berks, PA	41
New York, New York	Essex, NJ	warm	Berkshire, MA	1
New York, New York	Essex, NJ	warm	Bradford, PA	7
New York, New York	Essex, NJ	warm	Bronx, NY	78
New York, New York	Essex, NJ	warm	Broome, NY	7
New York, New York	Essex, NJ	warm	Bucks, PA	68
New York, New York	Essex, NJ	warm	Burlington, NJ	55
New York, New York	Essex, NJ	warm	Camden, NJ	51
New York, New York	Essex, NJ	warm	Cape May, NJ	29
New York, New York	Essex, NJ	warm	Carbon, PA	25
New York, New York	Essex, NJ	warm	Cayuga, NY	6
New York, New York	Essex, NJ	warm	Cecil, MD	44
New York, New York	Essex, NJ	warm	Chemung, NY	6
New York, New York	Essex, NJ	warm	Chenango, NY	5
New York, New York	Essex, NJ	warm	Cheshire, NH	1
New York, New York	Essex, NJ	warm	Chester, PA	49
New York, New York	Essex, NJ	warm	Clinton, PA	8

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Essex, NJ	warm	Columbia, NY	2
New York, New York	Essex, NJ	warm	Columbia, PA	18
New York, New York	Essex, NJ	warm	Cortland, NY	6
New York, New York	Essex, NJ	warm	Cumberland, NJ	37
New York, New York	Essex, NJ	warm	Cumberland, PA	24
New York, New York	Essex, NJ	warm	Dauphin, PA	31
New York, New York	Essex, NJ	warm	Delaware, NY	5
New York, New York	Essex, NJ	warm	Delaware, PA	55
New York, New York	Essex, NJ	warm	Dutchess, NY	10
New York, New York	Essex, NJ	warm	Essex, NJ	91
New York, New York	Essex, NJ	warm	Fairfield, CT	31
New York, New York	Essex, NJ	warm	Franklin, MA	1
New York, New York	Essex, NJ	warm	Gloucester, NJ	49
New York, New York	Essex, NJ	warm	Greene, NY	2
New York, New York	Essex, NJ	warm	Hampden, MA	2
New York, New York	Essex, NJ	warm	Hampshire, MA	1
New York, New York	Essex, NJ	warm	Harford, MD	39
New York, New York	Essex, NJ	warm	Hartford, CT	5
New York, New York	Essex, NJ	warm	Herkimer, NY	1
New York, New York	Essex, NJ	warm	Hudson, NJ	97
New York, New York	Essex, NJ	warm	Hunterdon, NJ	74
New York, New York	Essex, NJ	warm	Juniata, PA	20
New York, New York	Essex, NJ	warm	Kent, DE	37
New York, New York	Essex, NJ	warm	Kent, MD	41
New York, New York	Essex, NJ	warm	Kings, NY	92
New York, New York	Essex, NJ	warm	Lackawanna, PA	11
New York, New York	Essex, NJ	warm	Lancaster, PA	41
New York, New York	Essex, NJ	warm	Lebanon, PA	35
New York, New York	Essex, NJ	warm	Lehigh, PA	42
New York, New York	Essex, NJ	warm	Litchfield, CT	8
New York, New York	Essex, NJ	warm	Luzerne, PA	15
New York, New York	Essex, NJ	warm	Lycoming, PA	10
New York, New York	Essex, NJ	warm	Madison, NY	4
New York, New York	Essex, NJ	warm	Mercer, NJ	83
New York, New York	Essex, NJ	warm	Middlesex, CT	10
New York, New York	Essex, NJ	warm	Middlesex, NJ	97
New York, New York	Essex, NJ	warm	Monmouth, NJ	81
New York, New York	Essex, NJ	warm	Monroe, PA	25
New York, New York	Essex, NJ	warm	Montgomery, NY	1
New York, New York	Essex, NJ	warm	Montgomery, PA	58
New York, New York	Essex, NJ	warm	Montour, PA	18
New York, New York	Essex, NJ	warm	Morris, NJ	72
New York, New York	Essex, NJ	warm	Nassau, NY	63
New York, New York	Essex, NJ	warm	New Castle, DE	46
New York, New York	Essex, NJ	warm	New Haven, CT	17
New York, New York	Essex, NJ	warm	New London, CT	5
New York, New York	Essex, NJ	warm	New York, NY	89
New York, New York	Essex, NJ	warm	Northampton, PA	44
New York, New York	Essex, NJ	warm	Northumberland, PA	23

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Essex, NJ	warm	Ocean, NJ	52
New York, New York	Essex, NJ	warm	Oneida, NY	3
New York, New York	Essex, NJ	warm	Onondaga, NY	6
New York, New York	Essex, NJ	warm	Orange, NY	22
New York, New York	Essex, NJ	warm	Otsego, NY	3
New York, New York	Essex, NJ	warm	Passaic, NJ	59
New York, New York	Essex, NJ	warm	Perry, PA	24
New York, New York	Essex, NJ	warm	Philadelphia, PA	61
New York, New York	Essex, NJ	warm	Pike, PA	16
New York, New York	Essex, NJ	warm	Potter, PA	4
New York, New York	Essex, NJ	warm	Putnam, NY	24
New York, New York	Essex, NJ	warm	Queens, NY	82
New York, New York	Essex, NJ	warm	Rensselaer, NY	1
New York, New York	Essex, NJ	warm	Rockland, NY	49
New York, New York	Essex, NJ	warm	Rutland, VT	0
New York, New York	Essex, NJ	warm	Salem, NJ	45
New York, New York	Essex, NJ	warm	Saratoga, NY	1
New York, New York	Essex, NJ	warm	Schenectady, NY	1
New York, New York	Essex, NJ	warm	Schoharie, NY	2
New York, New York	Essex, NJ	warm	Schuylkill, PA	28
New York, New York	Essex, NJ	warm	Snyder, PA	21
New York, New York	Essex, NJ	warm	Somerset, NJ	91
New York, New York	Essex, NJ	warm	Suffolk, NY	25
New York, New York	Essex, NJ	warm	Sullivan, NY	8
New York, New York	Essex, NJ	warm	Sullivan, PA	10
New York, New York	Essex, NJ	warm	Susquehanna, PA	8
New York, New York	Essex, NJ	warm	Sussex, NJ	35
New York, New York	Essex, NJ	warm	Tioga, NY	7
New York, New York	Essex, NJ	warm	Tioga, PA	5
New York, New York	Essex, NJ	warm	Tolland, CT	3
New York, New York	Essex, NJ	warm	Tompkins, NY	7
New York, New York	Essex, NJ	warm	Ulster, NY	6
New York, New York	Essex, NJ	warm	Union, NJ	100
New York, New York	Essex, NJ	warm	Union, PA	17
New York, New York	Essex, NJ	warm	Warren, NJ	49
New York, New York	Essex, NJ	warm	Washington, NY	1
New York, New York	Essex, NJ	warm	Wayne, PA	9
New York, New York	Essex, NJ	warm	Westchester, NY	46
New York, New York	Essex, NJ	warm	Windham, VT	1
New York, New York	Essex, NJ	warm	Windsor, VT	0
New York, New York	Essex, NJ	warm	Worcester, MA	3
New York, New York	Essex, NJ	warm	Wyoming, PA	10
New York, New York	Essex, NJ	warm	York, PA	34
New York, New York	Fairfield, CT	cold	Albany, NY	2
New York, New York	Fairfield, CT	cold	Atlantic, NJ	26
New York, New York	Fairfield, CT	cold	Bennington, VT	1
New York, New York	Fairfield, CT	cold	Bergen, NJ	88
New York, New York	Fairfield, CT	cold	Berks, PA	24
New York, New York	Fairfield, CT	cold	Berkshire, MA	2

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Fairfield, CT	cold	Bradford, PA	10
New York, New York	Fairfield, CT	cold	Bronx, NY	95
New York, New York	Fairfield, CT	cold	Broome, NY	7
New York, New York	Fairfield, CT	cold	Bucks, PA	42
New York, New York	Fairfield, CT	cold	Burlington, NJ	40
New York, New York	Fairfield, CT	cold	Camden, NJ	34
New York, New York	Fairfield, CT	cold	Cape May, NJ	16
New York, New York	Fairfield, CT	cold	Carbon, PA	22
New York, New York	Fairfield, CT	cold	Cayuga, NY	3
New York, New York	Fairfield, CT	cold	Cecil, MD	27
New York, New York	Fairfield, CT	cold	Chemung, NY	6
New York, New York	Fairfield, CT	cold	Chenango, NY	4
New York, New York	Fairfield, CT	cold	Cheshire, NH	1
New York, New York	Fairfield, CT	cold	Chester, PA	28
New York, New York	Fairfield, CT	cold	Clinton, PA	6
New York, New York	Fairfield, CT	cold	Columbia, NY	3
New York, New York	Fairfield, CT	cold	Columbia, PA	15
New York, New York	Fairfield, CT	cold	Cortland, NY	4
New York, New York	Fairfield, CT	cold	Cumberland, NJ	22
New York, New York	Fairfield, CT	cold	Cumberland, PA	11
New York, New York	Fairfield, CT	cold	Dauphin, PA	17
New York, New York	Fairfield, CT	cold	Delaware, NY	6
New York, New York	Fairfield, CT	cold	Delaware, PA	31
New York, New York	Fairfield, CT	cold	Dutchess, NY	19
New York, New York	Fairfield, CT	cold	Essex, NJ	95
New York, New York	Fairfield, CT	cold	Fairfield, CT	58
New York, New York	Fairfield, CT	cold	Franklin, MA	1
New York, New York	Fairfield, CT	cold	Gloucester, NJ	30
New York, New York	Fairfield, CT	cold	Greene, NY	4
New York, New York	Fairfield, CT	cold	Hampden, MA	2
New York, New York	Fairfield, CT	cold	Hampshire, MA	2
New York, New York	Fairfield, CT	cold	Harford, MD	25
New York, New York	Fairfield, CT	cold	Hartford, CT	9
New York, New York	Fairfield, CT	cold	Herkimer, NY	2
New York, New York	Fairfield, CT	cold	Hudson, NJ	100
New York, New York	Fairfield, CT	cold	Hunterdon, NJ	55
New York, New York	Fairfield, CT	cold	Juniata, PA	10
New York, New York	Fairfield, CT	cold	Kent, DE	18
New York, New York	Fairfield, CT	cold	Kent, MD	25
New York, New York	Fairfield, CT	cold	Kings, NY	97
New York, New York	Fairfield, CT	cold	Lackawanna, PA	17
New York, New York	Fairfield, CT	cold	Lancaster, PA	22
New York, New York	Fairfield, CT	cold	Lebanon, PA	20
New York, New York	Fairfield, CT	cold	Lehigh, PA	28
New York, New York	Fairfield, CT	cold	Litchfield, CT	15
New York, New York	Fairfield, CT	cold	Luzerne, PA	16
New York, New York	Fairfield, CT	cold	Lycoming, PA	9
New York, New York	Fairfield, CT	cold	Madison, NY	5
New York, New York	Fairfield, CT	cold	Mercer, NJ	56

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Fairfield, CT	cold	Middlesex, CT	20
New York, New York	Fairfield, CT	cold	Middlesex, NJ	76
New York, New York	Fairfield, CT	cold	Monmouth, NJ	64
New York, New York	Fairfield, CT	cold	Monroe, PA	26
New York, New York	Fairfield, CT	cold	Montgomery, NY	2
New York, New York	Fairfield, CT	cold	Montgomery, PA	34
New York, New York	Fairfield, CT	cold	Montour, PA	14
New York, New York	Fairfield, CT	cold	Morris, NJ	74
New York, New York	Fairfield, CT	cold	Nassau, NY	84
New York, New York	Fairfield, CT	cold	New Castle, DE	26
New York, New York	Fairfield, CT	cold	New Haven, CT	36
New York, New York	Fairfield, CT	cold	New London, CT	9
New York, New York	Fairfield, CT	cold	New York, NY	100
New York, New York	Fairfield, CT	cold	Northampton, PA	35
New York, New York	Fairfield, CT	cold	Northumberland, PA	15
New York, New York	Fairfield, CT	cold	Ocean, NJ	42
New York, New York	Fairfield, CT	cold	Oneida, NY	3
New York, New York	Fairfield, CT	cold	Onondaga, NY	4
New York, New York	Fairfield, CT	cold	Orange, NY	39
New York, New York	Fairfield, CT	cold	Otsego, NY	4
New York, New York	Fairfield, CT	cold	Passaic, NJ	73
New York, New York	Fairfield, CT	cold	Perry, PA	11
New York, New York	Fairfield, CT	cold	Philadelphia, PA	37
New York, New York	Fairfield, CT	cold	Pike, PA	26
New York, New York	Fairfield, CT	cold	Potter, PA	4
New York, New York	Fairfield, CT	cold	Putnam, NY	46
New York, New York	Fairfield, CT	cold	Queens, NY	95
New York, New York	Fairfield, CT	cold	Rensselaer, NY	1
New York, New York	Fairfield, CT	cold	Rockland, NY	70
New York, New York	Fairfield, CT	cold	Rutland, VT	0
New York, New York	Fairfield, CT	cold	Salem, NJ	27
New York, New York	Fairfield, CT	cold	Saratoga, NY	1
New York, New York	Fairfield, CT	cold	Schenectady, NY	1
New York, New York	Fairfield, CT	cold	Schoharie, NY	3
New York, New York	Fairfield, CT	cold	Schuylkill, PA	19
New York, New York	Fairfield, CT	cold	Snyder, PA	12
New York, New York	Fairfield, CT	cold	Somerset, NJ	73
New York, New York	Fairfield, CT	cold	Suffolk, NY	46
New York, New York	Fairfield, CT	cold	Sullivan, NY	17
New York, New York	Fairfield, CT	cold	Sullivan, PA	11
New York, New York	Fairfield, CT	cold	Susquehanna, PA	12
New York, New York	Fairfield, CT	cold	Sussex, NJ	46
New York, New York	Fairfield, CT	cold	Tioga, NY	7
New York, New York	Fairfield, CT	cold	Tioga, PA	6
New York, New York	Fairfield, CT	cold	Tolland, CT	4
New York, New York	Fairfield, CT	cold	Tompkins, NY	4
New York, New York	Fairfield, CT	cold	Ulster, NY	13
New York, New York	Fairfield, CT	cold	Union, NJ	93
New York, New York	Fairfield, CT	cold	Union, PA	11

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Fairfield, CT	cold	Warren, NJ	46
New York, New York	Fairfield, CT	cold	Washington, NY	0
New York, New York	Fairfield, CT	cold	Wayne, PA	15
New York, New York	Fairfield, CT	cold	Westchester, NY	71
New York, New York	Fairfield, CT	cold	Windham, VT	0
New York, New York	Fairfield, CT	cold	Windsor, VT	0
New York, New York	Fairfield, CT	cold	Worcester, MA	1
New York, New York	Fairfield, CT	cold	Wyoming, PA	14
New York, New York	Fairfield, CT	cold	York, PA	18
New York, New York	Fairfield, CT	warm	Albany, NY	2
New York, New York	Fairfield, CT	warm	Atlantic, NJ	41
New York, New York	Fairfield, CT	warm	Bennington, VT	0
New York, New York	Fairfield, CT	warm	Bergen, NJ	77
New York, New York	Fairfield, CT	warm	Berks, PA	40
New York, New York	Fairfield, CT	warm	Berkshire, MA	1
New York, New York	Fairfield, CT	warm	Bradford, PA	6
New York, New York	Fairfield, CT	warm	Bronx, NY	86
New York, New York	Fairfield, CT	warm	Broome, NY	6
New York, New York	Fairfield, CT	warm	Bucks, PA	74
New York, New York	Fairfield, CT	warm	Burlington, NJ	64
New York, New York	Fairfield, CT	warm	Camden, NJ	62
New York, New York	Fairfield, CT	warm	Cape May, NJ	32
New York, New York	Fairfield, CT	warm	Carbon, PA	20
New York, New York	Fairfield, CT	warm	Cayuga, NY	3
New York, New York	Fairfield, CT	warm	Cecil, MD	54
New York, New York	Fairfield, CT	warm	Chemung, NY	5
New York, New York	Fairfield, CT	warm	Chenango, NY	4
New York, New York	Fairfield, CT	warm	Cheshire, NH	1
New York, New York	Fairfield, CT	warm	Chester, PA	57
New York, New York	Fairfield, CT	warm	Clinton, PA	6
New York, New York	Fairfield, CT	warm	Columbia, NY	3
New York, New York	Fairfield, CT	warm	Columbia, PA	11
New York, New York	Fairfield, CT	warm	Cortland, NY	4
New York, New York	Fairfield, CT	warm	Cumberland, NJ	46
New York, New York	Fairfield, CT	warm	Cumberland, PA	21
New York, New York	Fairfield, CT	warm	Dauphin, PA	25
New York, New York	Fairfield, CT	warm	Delaware, NY	4
New York, New York	Fairfield, CT	warm	Delaware, PA	65
New York, New York	Fairfield, CT	warm	Dutchess, NY	13
New York, New York	Fairfield, CT	warm	Essex, NJ	90
New York, New York	Fairfield, CT	warm	Fairfield, CT	50
New York, New York	Fairfield, CT	warm	Franklin, MA	1
New York, New York	Fairfield, CT	warm	Gloucester, NJ	60
New York, New York	Fairfield, CT	warm	Greene, NY	3
New York, New York	Fairfield, CT	warm	Hampden, MA	2
New York, New York	Fairfield, CT	warm	Hampshire, MA	1
New York, New York	Fairfield, CT	warm	Harford, MD	45
New York, New York	Fairfield, CT	warm	Hartford, CT	7
New York, New York	Fairfield, CT	warm	Herkimer, NY	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Fairfield, CT	warm	Hudson, NJ	97
New York, New York	Fairfield, CT	warm	Hunterdon, NJ	76
New York, New York	Fairfield, CT	warm	Juniata, PA	14
New York, New York	Fairfield, CT	warm	Kent, DE	47
New York, New York	Fairfield, CT	warm	Kent, MD	51
New York, New York	Fairfield, CT	warm	Kings, NY	95
New York, New York	Fairfield, CT	warm	Lackawanna, PA	9
New York, New York	Fairfield, CT	warm	Lancaster, PA	44
New York, New York	Fairfield, CT	warm	Lebanon, PA	31
New York, New York	Fairfield, CT	warm	Lehigh, PA	40
New York, New York	Fairfield, CT	warm	Litchfield, CT	12
New York, New York	Fairfield, CT	warm	Luzerne, PA	11
New York, New York	Fairfield, CT	warm	Lycoming, PA	7
New York, New York	Fairfield, CT	warm	Madison, NY	2
New York, New York	Fairfield, CT	warm	Mercer, NJ	91
New York, New York	Fairfield, CT	warm	Middlesex, CT	14
New York, New York	Fairfield, CT	warm	Middlesex, NJ	100
New York, New York	Fairfield, CT	warm	Monmouth, NJ	86
New York, New York	Fairfield, CT	warm	Monroe, PA	21
New York, New York	Fairfield, CT	warm	Montgomery, NY	1
New York, New York	Fairfield, CT	warm	Montgomery, PA	65
New York, New York	Fairfield, CT	warm	Montour, PA	11
New York, New York	Fairfield, CT	warm	Morris, NJ	69
New York, New York	Fairfield, CT	warm	Nassau, NY	77
New York, New York	Fairfield, CT	warm	New Castle, DE	58
New York, New York	Fairfield, CT	warm	New Haven, CT	30
New York, New York	Fairfield, CT	warm	New London, CT	5
New York, New York	Fairfield, CT	warm	New York, NY	93
New York, New York	Fairfield, CT	warm	Northampton, PA	42
New York, New York	Fairfield, CT	warm	Northumberland, PA	14
New York, New York	Fairfield, CT	warm	Ocean, NJ	58
New York, New York	Fairfield, CT	warm	Oneida, NY	1
New York, New York	Fairfield, CT	warm	Onondaga, NY	2
New York, New York	Fairfield, CT	warm	Orange, NY	24
New York, New York	Fairfield, CT	warm	Otsego, NY	2
New York, New York	Fairfield, CT	warm	Passaic, NJ	59
New York, New York	Fairfield, CT	warm	Perry, PA	18
New York, New York	Fairfield, CT	warm	Philadelphia, PA	72
New York, New York	Fairfield, CT	warm	Pike, PA	14
New York, New York	Fairfield, CT	warm	Potter, PA	5
New York, New York	Fairfield, CT	warm	Putnam, NY	33
New York, New York	Fairfield, CT	warm	Queens, NY	89
New York, New York	Fairfield, CT	warm	Rensselaer, NY	1
New York, New York	Fairfield, CT	warm	Rockland, NY	55
New York, New York	Fairfield, CT	warm	Rutland, VT	0
New York, New York	Fairfield, CT	warm	Salem, NJ	57
New York, New York	Fairfield, CT	warm	Saratoga, NY	0
New York, New York	Fairfield, CT	warm	Schenectady, NY	1
New York, New York	Fairfield, CT	warm	Schoharie, NY	2

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Fairfield, CT	warm	Schuylkill, PA	22
New York, New York	Fairfield, CT	warm	Snyder, PA	13
New York, New York	Fairfield, CT	warm	Somerset, NJ	92
New York, New York	Fairfield, CT	warm	Suffolk, NY	38
New York, New York	Fairfield, CT	warm	Sullivan, NY	8
New York, New York	Fairfield, CT	warm	Sullivan, PA	7
New York, New York	Fairfield, CT	warm	Susquehanna, PA	7
New York, New York	Fairfield, CT	warm	Sussex, NJ	32
New York, New York	Fairfield, CT	warm	Tioga, NY	6
New York, New York	Fairfield, CT	warm	Tioga, PA	5
New York, New York	Fairfield, CT	warm	Tolland, CT	3
New York, New York	Fairfield, CT	warm	Tompkins, NY	5
New York, New York	Fairfield, CT	warm	Ulster, NY	8
New York, New York	Fairfield, CT	warm	Union, NJ	99
New York, New York	Fairfield, CT	warm	Union, PA	10
New York, New York	Fairfield, CT	warm	Warren, NJ	46
New York, New York	Fairfield, CT	warm	Washington, NY	0
New York, New York	Fairfield, CT	warm	Wayne, PA	8
New York, New York	Fairfield, CT	warm	Westchester, NY	59
New York, New York	Fairfield, CT	warm	Windham, VT	0
New York, New York	Fairfield, CT	warm	Windsor, VT	0
New York, New York	Fairfield, CT	warm	Worcester, MA	3
New York, New York	Fairfield, CT	warm	Wyoming, PA	7
New York, New York	Fairfield, CT	warm	York, PA	35
New York, New York	Hudson, NJ	cold	Albany, NY	2
New York, New York	Hudson, NJ	cold	Atlantic, NJ	19
New York, New York	Hudson, NJ	cold	Bennington, VT	2
New York, New York	Hudson, NJ	cold	Bergen, NJ	80
New York, New York	Hudson, NJ	cold	Berks, PA	27
New York, New York	Hudson, NJ	cold	Berkshire, MA	3
New York, New York	Hudson, NJ	cold	Bradford, PA	7
New York, New York	Hudson, NJ	cold	Bronx, NY	85
New York, New York	Hudson, NJ	cold	Broome, NY	4
New York, New York	Hudson, NJ	cold	Bucks, PA	44
New York, New York	Hudson, NJ	cold	Burlington, NJ	35
New York, New York	Hudson, NJ	cold	Camden, NJ	28
New York, New York	Hudson, NJ	cold	Cape May, NJ	12
New York, New York	Hudson, NJ	cold	Carbon, PA	22
New York, New York	Hudson, NJ	cold	Cayuga, NY	2
New York, New York	Hudson, NJ	cold	Cecil, MD	20
New York, New York	Hudson, NJ	cold	Chemung, NY	4
New York, New York	Hudson, NJ	cold	Chenango, NY	2
New York, New York	Hudson, NJ	cold	Cheshire, NH	1
New York, New York	Hudson, NJ	cold	Chester, PA	25
New York, New York	Hudson, NJ	cold	Clinton, PA	7
New York, New York	Hudson, NJ	cold	Columbia, NY	3
New York, New York	Hudson, NJ	cold	Columbia, PA	16
New York, New York	Hudson, NJ	cold	Cortland, NY	2
New York, New York	Hudson, NJ	cold	Cumberland, NJ	17

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Hudson, NJ	cold	Cumberland, PA	13
New York, New York	Hudson, NJ	cold	Dauphin, PA	21
New York, New York	Hudson, NJ	cold	Delaware, NY	3
New York, New York	Hudson, NJ	cold	Delaware, PA	27
New York, New York	Hudson, NJ	cold	Dutchess, NY	12
New York, New York	Hudson, NJ	cold	Essex, NJ	94
New York, New York	Hudson, NJ	cold	Fairfield, CT	35
New York, New York	Hudson, NJ	cold	Franklin, MA	2
New York, New York	Hudson, NJ	cold	Gloucester, NJ	25
New York, New York	Hudson, NJ	cold	Greene, NY	3
New York, New York	Hudson, NJ	cold	Hampden, MA	3
New York, New York	Hudson, NJ	cold	Hampshire, MA	2
New York, New York	Hudson, NJ	cold	Harford, MD	19
New York, New York	Hudson, NJ	cold	Hartford, CT	7
New York, New York	Hudson, NJ	cold	Herkimer, NY	1
New York, New York	Hudson, NJ	cold	Hudson, NJ	100
New York, New York	Hudson, NJ	cold	Hunterdon, NJ	58
New York, New York	Hudson, NJ	cold	Juniata, PA	14
New York, New York	Hudson, NJ	cold	Kent, DE	15
New York, New York	Hudson, NJ	cold	Kent, MD	20
New York, New York	Hudson, NJ	cold	Kings, NY	96
New York, New York	Hudson, NJ	cold	Lackawanna, PA	13
New York, New York	Hudson, NJ	cold	Lancaster, PA	21
New York, New York	Hudson, NJ	cold	Lebanon, PA	23
New York, New York	Hudson, NJ	cold	Lehigh, PA	31
New York, New York	Hudson, NJ	cold	Litchfield, CT	11
New York, New York	Hudson, NJ	cold	Luzerne, PA	15
New York, New York	Hudson, NJ	cold	Lycoming, PA	9
New York, New York	Hudson, NJ	cold	Madison, NY	1
New York, New York	Hudson, NJ	cold	Mercer, NJ	59
New York, New York	Hudson, NJ	cold	Middlesex, CT	12
New York, New York	Hudson, NJ	cold	Middlesex, NJ	82
New York, New York	Hudson, NJ	cold	Monmouth, NJ	67
New York, New York	Hudson, NJ	cold	Monroe, PA	24
New York, New York	Hudson, NJ	cold	Montgomery, NY	2
New York, New York	Hudson, NJ	cold	Montgomery, PA	34
New York, New York	Hudson, NJ	cold	Montour, PA	16
New York, New York	Hudson, NJ	cold	Morris, NJ	72
New York, New York	Hudson, NJ	cold	Nassau, NY	69
New York, New York	Hudson, NJ	cold	New Castle, DE	21
New York, New York	Hudson, NJ	cold	New Haven, CT	20
New York, New York	Hudson, NJ	cold	New London, CT	6
New York, New York	Hudson, NJ	cold	New York, NY	95
New York, New York	Hudson, NJ	cold	Northampton, PA	36
New York, New York	Hudson, NJ	cold	Northumberland, PA	19
New York, New York	Hudson, NJ	cold	Ocean, NJ	38
New York, New York	Hudson, NJ	cold	Oneida, NY	1
New York, New York	Hudson, NJ	cold	Onondaga, NY	1
New York, New York	Hudson, NJ	cold	Orange, NY	26

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Hudson, NJ	cold	Otsego, NY	1
New York, New York	Hudson, NJ	cold	Passaic, NJ	64
New York, New York	Hudson, NJ	cold	Perry, PA	15
New York, New York	Hudson, NJ	cold	Philadelphia, PA	34
New York, New York	Hudson, NJ	cold	Pike, PA	19
New York, New York	Hudson, NJ	cold	Potter, PA	3
New York, New York	Hudson, NJ	cold	Putnam, NY	28
New York, New York	Hudson, NJ	cold	Queens, NY	88
New York, New York	Hudson, NJ	cold	Rensselaer, NY	2
New York, New York	Hudson, NJ	cold	Rockland, NY	55
New York, New York	Hudson, NJ	cold	Rutland, VT	1
New York, New York	Hudson, NJ	cold	Salem, NJ	21
New York, New York	Hudson, NJ	cold	Saratoga, NY	1
New York, New York	Hudson, NJ	cold	Schenectady, NY	2
New York, New York	Hudson, NJ	cold	Schoharie, NY	2
New York, New York	Hudson, NJ	cold	Schuylkill, PA	23
New York, New York	Hudson, NJ	cold	Snyder, PA	17
New York, New York	Hudson, NJ	cold	Somerset, NJ	77
New York, New York	Hudson, NJ	cold	Suffolk, NY	28
New York, New York	Hudson, NJ	cold	Sullivan, NY	9
New York, New York	Hudson, NJ	cold	Sullivan, PA	10
New York, New York	Hudson, NJ	cold	Susquehanna, PA	7
New York, New York	Hudson, NJ	cold	Sussex, NJ	38
New York, New York	Hudson, NJ	cold	Tioga, NY	4
New York, New York	Hudson, NJ	cold	Tioga, PA	4
New York, New York	Hudson, NJ	cold	Tolland, CT	4
New York, New York	Hudson, NJ	cold	Tompkins, NY	2
New York, New York	Hudson, NJ	cold	Ulster, NY	8
New York, New York	Hudson, NJ	cold	Union, NJ	97
New York, New York	Hudson, NJ	cold	Union, PA	14
New York, New York	Hudson, NJ	cold	Warren, NJ	44
New York, New York	Hudson, NJ	cold	Washington, NY	1
New York, New York	Hudson, NJ	cold	Wayne, PA	10
New York, New York	Hudson, NJ	cold	Westchester, NY	51
New York, New York	Hudson, NJ	cold	Windham, VT	1
New York, New York	Hudson, NJ	cold	Windsor, VT	1
New York, New York	Hudson, NJ	cold	Worcester, MA	2
New York, New York	Hudson, NJ	cold	Wyoming, PA	11
New York, New York	Hudson, NJ	cold	York, PA	16
New York, New York	Hudson, NJ	warm	Albany, NY	1
New York, New York	Hudson, NJ	warm	Atlantic, NJ	36
New York, New York	Hudson, NJ	warm	Bennington, VT	1
New York, New York	Hudson, NJ	warm	Bergen, NJ	71
New York, New York	Hudson, NJ	warm	Berks, PA	48
New York, New York	Hudson, NJ	warm	Berkshire, MA	1
New York, New York	Hudson, NJ	warm	Bradford, PA	7
New York, New York	Hudson, NJ	warm	Bronx, NY	76
New York, New York	Hudson, NJ	warm	Broome, NY	6
New York, New York	Hudson, NJ	warm	Bucks, PA	74

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Hudson, NJ	warm	Burlington, NJ	57
New York, New York	Hudson, NJ	warm	Camden, NJ	54
New York, New York	Hudson, NJ	warm	Cape May, NJ	30
New York, New York	Hudson, NJ	warm	Carbon, PA	27
New York, New York	Hudson, NJ	warm	Cayuga, NY	6
New York, New York	Hudson, NJ	warm	Cecil, MD	53
New York, New York	Hudson, NJ	warm	Chemung, NY	6
New York, New York	Hudson, NJ	warm	Chenango, NY	5
New York, New York	Hudson, NJ	warm	Cheshire, NH	0
New York, New York	Hudson, NJ	warm	Chester, PA	58
New York, New York	Hudson, NJ	warm	Clinton, PA	9
New York, New York	Hudson, NJ	warm	Columbia, NY	2
New York, New York	Hudson, NJ	warm	Columbia, PA	18
New York, New York	Hudson, NJ	warm	Cortland, NY	6
New York, New York	Hudson, NJ	warm	Cumberland, NJ	40
New York, New York	Hudson, NJ	warm	Cumberland, PA	30
New York, New York	Hudson, NJ	warm	Dauphin, PA	37
New York, New York	Hudson, NJ	warm	Delaware, NY	4
New York, New York	Hudson, NJ	warm	Delaware, PA	62
New York, New York	Hudson, NJ	warm	Dutchess, NY	8
New York, New York	Hudson, NJ	warm	Essex, NJ	90
New York, New York	Hudson, NJ	warm	Fairfield, CT	26
New York, New York	Hudson, NJ	warm	Franklin, MA	0
New York, New York	Hudson, NJ	warm	Gloucester, NJ	53
New York, New York	Hudson, NJ	warm	Greene, NY	2
New York, New York	Hudson, NJ	warm	Hampden, MA	1
New York, New York	Hudson, NJ	warm	Hampshire, MA	1
New York, New York	Hudson, NJ	warm	Harford, MD	47
New York, New York	Hudson, NJ	warm	Hartford, CT	4
New York, New York	Hudson, NJ	warm	Herkimer, NY	2
New York, New York	Hudson, NJ	warm	Hudson, NJ	95
New York, New York	Hudson, NJ	warm	Hunterdon, NJ	79
New York, New York	Hudson, NJ	warm	Juniata, PA	24
New York, New York	Hudson, NJ	warm	Kent, DE	42
New York, New York	Hudson, NJ	warm	Kent, MD	48
New York, New York	Hudson, NJ	warm	Kings, NY	91
New York, New York	Hudson, NJ	warm	Lackawanna, PA	10
New York, New York	Hudson, NJ	warm	Lancaster, PA	50
New York, New York	Hudson, NJ	warm	Lebanon, PA	42
New York, New York	Hudson, NJ	warm	Lehigh, PA	48
New York, New York	Hudson, NJ	warm	Litchfield, CT	6
New York, New York	Hudson, NJ	warm	Luzerne, PA	15
New York, New York	Hudson, NJ	warm	Lycoming, PA	10
New York, New York	Hudson, NJ	warm	Madison, NY	4
New York, New York	Hudson, NJ	warm	Mercer, NJ	86
New York, New York	Hudson, NJ	warm	Middlesex, CT	8
New York, New York	Hudson, NJ	warm	Middlesex, NJ	98
New York, New York	Hudson, NJ	warm	Monmouth, NJ	81
New York, New York	Hudson, NJ	warm	Monroe, PA	26

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Hudson, NJ	warm	Montgomery, NY	1
New York, New York	Hudson, NJ	warm	Montgomery, PA	66
New York, New York	Hudson, NJ	warm	Montour, PA	19
New York, New York	Hudson, NJ	warm	Morris, NJ	73
New York, New York	Hudson, NJ	warm	Nassau, NY	62
New York, New York	Hudson, NJ	warm	New Castle, DE	53
New York, New York	Hudson, NJ	warm	New Haven, CT	14
New York, New York	Hudson, NJ	warm	New London, CT	4
New York, New York	Hudson, NJ	warm	New York, NY	87
New York, New York	Hudson, NJ	warm	Northampton, PA	49
New York, New York	Hudson, NJ	warm	Northumberland, PA	25
New York, New York	Hudson, NJ	warm	Ocean, NJ	52
New York, New York	Hudson, NJ	warm	Oneida, NY	3
New York, New York	Hudson, NJ	warm	Onondaga, NY	6
New York, New York	Hudson, NJ	warm	Orange, NY	20
New York, New York	Hudson, NJ	warm	Otsego, NY	3
New York, New York	Hudson, NJ	warm	Passaic, NJ	58
New York, New York	Hudson, NJ	warm	Perry, PA	29
New York, New York	Hudson, NJ	warm	Philadelphia, PA	66
New York, New York	Hudson, NJ	warm	Pike, PA	16
New York, New York	Hudson, NJ	warm	Potter, PA	4
New York, New York	Hudson, NJ	warm	Putnam, NY	20
New York, New York	Hudson, NJ	warm	Queens, NY	81
New York, New York	Hudson, NJ	warm	Rensselaer, NY	1
New York, New York	Hudson, NJ	warm	Rockland, NY	46
New York, New York	Hudson, NJ	warm	Rutland, VT	0
New York, New York	Hudson, NJ	warm	Salem, NJ	50
New York, New York	Hudson, NJ	warm	Saratoga, NY	1
New York, New York	Hudson, NJ	warm	Schenectady, NY	1
New York, New York	Hudson, NJ	warm	Schoharie, NY	2
New York, New York	Hudson, NJ	warm	Schuylkill, PA	32
New York, New York	Hudson, NJ	warm	Snyder, PA	23
New York, New York	Hudson, NJ	warm	Somerset, NJ	93
New York, New York	Hudson, NJ	warm	Suffolk, NY	23
New York, New York	Hudson, NJ	warm	Sullivan, NY	7
New York, New York	Hudson, NJ	warm	Sullivan, PA	10
New York, New York	Hudson, NJ	warm	Susquehanna, PA	7
New York, New York	Hudson, NJ	warm	Sussex, NJ	35
New York, New York	Hudson, NJ	warm	Tioga, NY	6
New York, New York	Hudson, NJ	warm	Tioga, PA	5
New York, New York	Hudson, NJ	warm	Tolland, CT	2
New York, New York	Hudson, NJ	warm	Tompkins, NY	6
New York, New York	Hudson, NJ	warm	Ulster, NY	5
New York, New York	Hudson, NJ	warm	Union, NJ	100
New York, New York	Hudson, NJ	warm	Union, PA	18
New York, New York	Hudson, NJ	warm	Warren, NJ	52
New York, New York	Hudson, NJ	warm	Washington, NY	1
New York, New York	Hudson, NJ	warm	Wayne, PA	8
New York, New York	Hudson, NJ	warm	Westchester, NY	42

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Hudson, NJ	warm	Windham, VT	0
New York, New York	Hudson, NJ	warm	Windsor, VT	0
New York, New York	Hudson, NJ	warm	Worcester, MA	1
New York, New York	Hudson, NJ	warm	Wyoming, PA	9
New York, New York	Hudson, NJ	warm	York, PA	42
New York, New York	Kings, NY	cold	Albany, NY	1
New York, New York	Kings, NY	cold	Atlantic, NJ	26
New York, New York	Kings, NY	cold	Bennington, VT	0
New York, New York	Kings, NY	cold	Bergen, NJ	70
New York, New York	Kings, NY	cold	Berks, PA	28
New York, New York	Kings, NY	cold	Berkshire, MA	0
New York, New York	Kings, NY	cold	Bradford, PA	5
New York, New York	Kings, NY	cold	Bronx, NY	78
New York, New York	Kings, NY	cold	Broome, NY	3
New York, New York	Kings, NY	cold	Bucks, PA	54
New York, New York	Kings, NY	cold	Burlington, NJ	45
New York, New York	Kings, NY	cold	Camden, NJ	39
New York, New York	Kings, NY	cold	Cape May, NJ	16
New York, New York	Kings, NY	cold	Carbon, PA	18
New York, New York	Kings, NY	cold	Cayuga, NY	2
New York, New York	Kings, NY	cold	Cecil, MD	29
New York, New York	Kings, NY	cold	Chemung, NY	3
New York, New York	Kings, NY	cold	Chenango, NY	2
New York, New York	Kings, NY	cold	Cheshire, NH	0
New York, New York	Kings, NY	cold	Chester, PA	32
New York, New York	Kings, NY	cold	Clinton, PA	6
New York, New York	Kings, NY	cold	Columbia, NY	1
New York, New York	Kings, NY	cold	Columbia, PA	12
New York, New York	Kings, NY	cold	Cortland, NY	2
New York, New York	Kings, NY	cold	Cumberland, NJ	23
New York, New York	Kings, NY	cold	Cumberland, PA	11
New York, New York	Kings, NY	cold	Dauphin, PA	17
New York, New York	Kings, NY	cold	Delaware, NY	2
New York, New York	Kings, NY	cold	Delaware, PA	37
New York, New York	Kings, NY	cold	Dutchess, NY	7
New York, New York	Kings, NY	cold	Essex, NJ	91
New York, New York	Kings, NY	cold	Fairfield, CT	27
New York, New York	Kings, NY	cold	Franklin, MA	0
New York, New York	Kings, NY	cold	Gloucester, NJ	35
New York, New York	Kings, NY	cold	Greene, NY	1
New York, New York	Kings, NY	cold	Hampden, MA	0
New York, New York	Kings, NY	cold	Hampshire, MA	0
New York, New York	Kings, NY	cold	Harford, MD	27
New York, New York	Kings, NY	cold	Hartford, CT	3
New York, New York	Kings, NY	cold	Herkimer, NY	1
New York, New York	Kings, NY	cold	Hudson, NJ	99
New York, New York	Kings, NY	cold	Hunterdon, NJ	65
New York, New York	Kings, NY	cold	Juniata, PA	11
New York, New York	Kings, NY	cold	Kent, DE	20

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Kings, NY	cold	Kent, MD	28
New York, New York	Kings, NY	cold	Kings, NY	95
New York, New York	Kings, NY	cold	Lackawanna, PA	7
New York, New York	Kings, NY	cold	Lancaster, PA	24
New York, New York	Kings, NY	cold	Lebanon, PA	21
New York, New York	Kings, NY	cold	Lehigh, PA	31
New York, New York	Kings, NY	cold	Litchfield, CT	5
New York, New York	Kings, NY	cold	Luzerne, PA	10
New York, New York	Kings, NY	cold	Lycoming, PA	7
New York, New York	Kings, NY	cold	Madison, NY	4
New York, New York	Kings, NY	cold	Mercer, NJ	71
New York, New York	Kings, NY	cold	Middlesex, CT	7
New York, New York	Kings, NY	cold	Middlesex, NJ	90
New York, New York	Kings, NY	cold	Monmouth, NJ	74
New York, New York	Kings, NY	cold	Monroe, PA	18
New York, New York	Kings, NY	cold	Montgomery, NY	1
New York, New York	Kings, NY	cold	Montgomery, PA	43
New York, New York	Kings, NY	cold	Montour, PA	12
New York, New York	Kings, NY	cold	Morris, NJ	69
New York, New York	Kings, NY	cold	Nassau, NY	66
New York, New York	Kings, NY	cold	New Castle, DE	30
New York, New York	Kings, NY	cold	New Haven, CT	14
New York, New York	Kings, NY	cold	New London, CT	2
New York, New York	Kings, NY	cold	New York, NY	91
New York, New York	Kings, NY	cold	Northampton, PA	36
New York, New York	Kings, NY	cold	Northumberland, PA	15
New York, New York	Kings, NY	cold	Ocean, NJ	45
New York, New York	Kings, NY	cold	Oneida, NY	3
New York, New York	Kings, NY	cold	Onondaga, NY	3
New York, New York	Kings, NY	cold	Orange, NY	17
New York, New York	Kings, NY	cold	Otsego, NY	2
New York, New York	Kings, NY	cold	Passaic, NJ	54
New York, New York	Kings, NY	cold	Perry, PA	12
New York, New York	Kings, NY	cold	Philadelphia, PA	45
New York, New York	Kings, NY	cold	Pike, PA	11
New York, New York	Kings, NY	cold	Potter, PA	2
New York, New York	Kings, NY	cold	Putnam, NY	20
New York, New York	Kings, NY	cold	Queens, NY	86
New York, New York	Kings, NY	cold	Rensselaer, NY	0
New York, New York	Kings, NY	cold	Rockland, NY	42
New York, New York	Kings, NY	cold	Rutland, VT	0
New York, New York	Kings, NY	cold	Salem, NJ	30
New York, New York	Kings, NY	cold	Saratoga, NY	0
New York, New York	Kings, NY	cold	Schenectady, NY	0
New York, New York	Kings, NY	cold	Schoharie, NY	1
New York, New York	Kings, NY	cold	Schuylkill, PA	19
New York, New York	Kings, NY	cold	Snyder, PA	14
New York, New York	Kings, NY	cold	Somerset, NJ	85
New York, New York	Kings, NY	cold	Suffolk, NY	26

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Kings, NY	cold	Sullivan, NY	5
New York, New York	Kings, NY	cold	Sullivan, PA	7
New York, New York	Kings, NY	cold	Susquehanna, PA	5
New York, New York	Kings, NY	cold	Sussex, NJ	29
New York, New York	Kings, NY	cold	Tioga, NY	3
New York, New York	Kings, NY	cold	Tioga, PA	3
New York, New York	Kings, NY	cold	Tolland, CT	1
New York, New York	Kings, NY	cold	Tompkins, NY	2
New York, New York	Kings, NY	cold	Ulster, NY	5
New York, New York	Kings, NY	cold	Union, NJ	100
New York, New York	Kings, NY	cold	Union, PA	12
New York, New York	Kings, NY	cold	Warren, NJ	43
New York, New York	Kings, NY	cold	Washington, NY	0
New York, New York	Kings, NY	cold	Wayne, PA	5
New York, New York	Kings, NY	cold	Westchester, NY	41
New York, New York	Kings, NY	cold	Windham, VT	0
New York, New York	Kings, NY	cold	Windsor, VT	0
New York, New York	Kings, NY	cold	Worcester, MA	0
New York, New York	Kings, NY	cold	Wyoming, PA	6
New York, New York	Kings, NY	cold	York, PA	17
New York, New York	Kings, NY	warm	Albany, NY	2
New York, New York	Kings, NY	warm	Atlantic, NJ	38
New York, New York	Kings, NY	warm	Bennington, VT	1
New York, New York	Kings, NY	warm	Bergen, NJ	71
New York, New York	Kings, NY	warm	Berks, PA	45
New York, New York	Kings, NY	warm	Berkshire, MA	1
New York, New York	Kings, NY	warm	Bradford, PA	7
New York, New York	Kings, NY	warm	Bronx, NY	75
New York, New York	Kings, NY	warm	Broome, NY	5
New York, New York	Kings, NY	warm	Bucks, PA	71
New York, New York	Kings, NY	warm	Burlington, NJ	58
New York, New York	Kings, NY	warm	Camden, NJ	53
New York, New York	Kings, NY	warm	Cape May, NJ	32
New York, New York	Kings, NY	warm	Carbon, PA	28
New York, New York	Kings, NY	warm	Cayuga, NY	5
New York, New York	Kings, NY	warm	Cecil, MD	46
New York, New York	Kings, NY	warm	Chemung, NY	4
New York, New York	Kings, NY	warm	Chenango, NY	4
New York, New York	Kings, NY	warm	Cheshire, NH	0
New York, New York	Kings, NY	warm	Chester, PA	52
New York, New York	Kings, NY	warm	Clinton, PA	9
New York, New York	Kings, NY	warm	Columbia, NY	3
New York, New York	Kings, NY	warm	Columbia, PA	20
New York, New York	Kings, NY	warm	Cortland, NY	5
New York, New York	Kings, NY	warm	Cumberland, NJ	39
New York, New York	Kings, NY	warm	Cumberland, PA	26
New York, New York	Kings, NY	warm	Dauphin, PA	33
New York, New York	Kings, NY	warm	Delaware, NY	4
New York, New York	Kings, NY	warm	Delaware, PA	56

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Kings, NY	warm	Dutchess, NY	9
New York, New York	Kings, NY	warm	Essex, NJ	90
New York, New York	Kings, NY	warm	Fairfield, CT	28
New York, New York	Kings, NY	warm	Franklin, MA	0
New York, New York	Kings, NY	warm	Gloucester, NJ	51
New York, New York	Kings, NY	warm	Greene, NY	3
New York, New York	Kings, NY	warm	Hampden, MA	1
New York, New York	Kings, NY	warm	Hampshire, MA	1
New York, New York	Kings, NY	warm	Harford, MD	40
New York, New York	Kings, NY	warm	Hartford, CT	5
New York, New York	Kings, NY	warm	Herkimer, NY	2
New York, New York	Kings, NY	warm	Hudson, NJ	95
New York, New York	Kings, NY	warm	Hunterdon, NJ	78
New York, New York	Kings, NY	warm	Juniata, PA	22
New York, New York	Kings, NY	warm	Kent, DE	40
New York, New York	Kings, NY	warm	Kent, MD	43
New York, New York	Kings, NY	warm	Kings, NY	90
New York, New York	Kings, NY	warm	Lackawanna, PA	11
New York, New York	Kings, NY	warm	Lancaster, PA	43
New York, New York	Kings, NY	warm	Lebanon, PA	38
New York, New York	Kings, NY	warm	Lehigh, PA	47
New York, New York	Kings, NY	warm	Litchfield, CT	8
New York, New York	Kings, NY	warm	Luzerne, PA	17
New York, New York	Kings, NY	warm	Lycoming, PA	12
New York, New York	Kings, NY	warm	Madison, NY	4
New York, New York	Kings, NY	warm	Mercer, NJ	86
New York, New York	Kings, NY	warm	Middlesex, CT	9
New York, New York	Kings, NY	warm	Middlesex, NJ	98
New York, New York	Kings, NY	warm	Monmouth, NJ	83
New York, New York	Kings, NY	warm	Monroe, PA	27
New York, New York	Kings, NY	warm	Montgomery, NY	2
New York, New York	Kings, NY	warm	Montgomery, PA	62
New York, New York	Kings, NY	warm	Montour, PA	21
New York, New York	Kings, NY	warm	Morris, NJ	73
New York, New York	Kings, NY	warm	Nassau, NY	61
New York, New York	Kings, NY	warm	New Castle, DE	48
New York, New York	Kings, NY	warm	New Haven, CT	16
New York, New York	Kings, NY	warm	New London, CT	4
New York, New York	Kings, NY	warm	New York, NY	86
New York, New York	Kings, NY	warm	Northampton, PA	49
New York, New York	Kings, NY	warm	Northumberland, PA	25
New York, New York	Kings, NY	warm	Ocean, NJ	56
New York, New York	Kings, NY	warm	Oneida, NY	3
New York, New York	Kings, NY	warm	Onondaga, NY	6
New York, New York	Kings, NY	warm	Orange, NY	20
New York, New York	Kings, NY	warm	Otsego, NY	3
New York, New York	Kings, NY	warm	Passaic, NJ	57
New York, New York	Kings, NY	warm	Perry, PA	26
New York, New York	Kings, NY	warm	Philadelphia, PA	63

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Kings, NY	warm	Pike, PA	16
New York, New York	Kings, NY	warm	Potter, PA	4
New York, New York	Kings, NY	warm	Putnam, NY	21
New York, New York	Kings, NY	warm	Queens, NY	79
New York, New York	Kings, NY	warm	Rensselaer, NY	1
New York, New York	Kings, NY	warm	Rockland, NY	46
New York, New York	Kings, NY	warm	Rutland, VT	0
New York, New York	Kings, NY	warm	Salem, NJ	47
New York, New York	Kings, NY	warm	Saratoga, NY	1
New York, New York	Kings, NY	warm	Schenectady, NY	1
New York, New York	Kings, NY	warm	Schoharie, NY	2
New York, New York	Kings, NY	warm	Schuylkill, PA	32
New York, New York	Kings, NY	warm	Snyder, PA	23
New York, New York	Kings, NY	warm	Somerset, NJ	93
New York, New York	Kings, NY	warm	Suffolk, NY	25
New York, New York	Kings, NY	warm	Sullivan, NY	7
New York, New York	Kings, NY	warm	Sullivan, PA	11
New York, New York	Kings, NY	warm	Susquehanna, PA	7
New York, New York	Kings, NY	warm	Sussex, NJ	35
New York, New York	Kings, NY	warm	Tioga, NY	5
New York, New York	Kings, NY	warm	Tioga, PA	5
New York, New York	Kings, NY	warm	Tolland, CT	2
New York, New York	Kings, NY	warm	Tompkins, NY	5
New York, New York	Kings, NY	warm	Ulster, NY	6
New York, New York	Kings, NY	warm	Union, NJ	100
New York, New York	Kings, NY	warm	Union, PA	19
New York, New York	Kings, NY	warm	Warren, NJ	52
New York, New York	Kings, NY	warm	Washington, NY	1
New York, New York	Kings, NY	warm	Wayne, PA	7
New York, New York	Kings, NY	warm	Westchester, NY	43
New York, New York	Kings, NY	warm	Windham, VT	0
New York, New York	Kings, NY	warm	Windsor, VT	0
New York, New York	Kings, NY	warm	Worcester, MA	0
New York, New York	Kings, NY	warm	Wyoming, PA	10
New York, New York	Kings, NY	warm	York, PA	34
New York, New York	New Haven, CT	cold	Albany, NY	3
New York, New York	New Haven, CT	cold	Atlantic, NJ	27
New York, New York	New Haven, CT	cold	Bennington, VT	1
New York, New York	New Haven, CT	cold	Bergen, NJ	92
New York, New York	New Haven, CT	cold	Berks, PA	23
New York, New York	New Haven, CT	cold	Berkshire, MA	4
New York, New York	New Haven, CT	cold	Bradford, PA	13
New York, New York	New Haven, CT	cold	Bronx, NY	99
New York, New York	New Haven, CT	cold	Broome, NY	9
New York, New York	New Haven, CT	cold	Bucks, PA	41
New York, New York	New Haven, CT	cold	Burlington, NJ	40
New York, New York	New Haven, CT	cold	Camden, NJ	31
New York, New York	New Haven, CT	cold	Cape May, NJ	17
New York, New York	New Haven, CT	cold	Carbon, PA	26

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	New Haven, CT	cold	Cayuga, NY	3
New York, New York	New Haven, CT	cold	Cecil, MD	16
New York, New York	New Haven, CT	cold	Chemung, NY	9
New York, New York	New Haven, CT	cold	Chenango, NY	5
New York, New York	New Haven, CT	cold	Cheshire, NH	1
New York, New York	New Haven, CT	cold	Chester, PA	20
New York, New York	New Haven, CT	cold	Clinton, PA	7
New York, New York	New Haven, CT	cold	Columbia, NY	6
New York, New York	New Haven, CT	cold	Columbia, PA	18
New York, New York	New Haven, CT	cold	Cortland, NY	4
New York, New York	New Haven, CT	cold	Cumberland, NJ	20
New York, New York	New Haven, CT	cold	Cumberland, PA	13
New York, New York	New Haven, CT	cold	Dauphin, PA	17
New York, New York	New Haven, CT	cold	Delaware, NY	8
New York, New York	New Haven, CT	cold	Delaware, PA	24
New York, New York	New Haven, CT	cold	Dutchess, NY	28
New York, New York	New Haven, CT	cold	Essex, NJ	94
New York, New York	New Haven, CT	cold	Fairfield, CT	74
New York, New York	New Haven, CT	cold	Franklin, MA	2
New York, New York	New Haven, CT	cold	Gloucester, NJ	26
New York, New York	New Haven, CT	cold	Greene, NY	6
New York, New York	New Haven, CT	cold	Hampden, MA	5
New York, New York	New Haven, CT	cold	Hampshire, MA	3
New York, New York	New Haven, CT	cold	Harford, MD	14
New York, New York	New Haven, CT	cold	Hartford, CT	16
New York, New York	New Haven, CT	cold	Herkimer, NY	2
New York, New York	New Haven, CT	cold	Hudson, NJ	99
New York, New York	New Haven, CT	cold	Hunterdon, NJ	55
New York, New York	New Haven, CT	cold	Juniata, PA	12
New York, New York	New Haven, CT	cold	Kent, DE	15
New York, New York	New Haven, CT	cold	Kent, MD	15
New York, New York	New Haven, CT	cold	Kings, NY	97
New York, New York	New Haven, CT	cold	Lackawanna, PA	23
New York, New York	New Haven, CT	cold	Lancaster, PA	17
New York, New York	New Haven, CT	cold	Lebanon, PA	19
New York, New York	New Haven, CT	cold	Lehigh, PA	29
New York, New York	New Haven, CT	cold	Litchfield, CT	24
New York, New York	New Haven, CT	cold	Luzerne, PA	21
New York, New York	New Haven, CT	cold	Lycoming, PA	11
New York, New York	New Haven, CT	cold	Madison, NY	5
New York, New York	New Haven, CT	cold	Mercer, NJ	56
New York, New York	New Haven, CT	cold	Middlesex, CT	33
New York, New York	New Haven, CT	cold	Middlesex, NJ	76
New York, New York	New Haven, CT	cold	Monmouth, NJ	68
New York, New York	New Haven, CT	cold	Monroe, PA	33
New York, New York	New Haven, CT	cold	Montgomery, NY	3
New York, New York	New Haven, CT	cold	Montgomery, PA	30
New York, New York	New Haven, CT	cold	Montour, PA	16
New York, New York	New Haven, CT	cold	Morris, NJ	76

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	New Haven, CT	cold	Nassau, NY	91
New York, New York	New Haven, CT	cold	New Castle, DE	19
New York, New York	New Haven, CT	cold	New Haven, CT	52
New York, New York	New Haven, CT	cold	New London, CT	16
New York, New York	New Haven, CT	cold	New York, NY	100
New York, New York	New Haven, CT	cold	Northampton, PA	38
New York, New York	New Haven, CT	cold	Northumberland, PA	17
New York, New York	New Haven, CT	cold	Ocean, NJ	46
New York, New York	New Haven, CT	cold	Oneida, NY	4
New York, New York	New Haven, CT	cold	Onondaga, NY	4
New York, New York	New Haven, CT	cold	Orange, NY	49
New York, New York	New Haven, CT	cold	Otsego, NY	4
New York, New York	New Haven, CT	cold	Passaic, NJ	78
New York, New York	New Haven, CT	cold	Perry, PA	13
New York, New York	New Haven, CT	cold	Philadelphia, PA	32
New York, New York	New Haven, CT	cold	Pike, PA	34
New York, New York	New Haven, CT	cold	Potter, PA	6
New York, New York	New Haven, CT	cold	Putnam, NY	59
New York, New York	New Haven, CT	cold	Queens, NY	97
New York, New York	New Haven, CT	cold	Rensselaer, NY	2
New York, New York	New Haven, CT	cold	Rockland, NY	79
New York, New York	New Haven, CT	cold	Rutland, VT	0
New York, New York	New Haven, CT	cold	Salem, NJ	21
New York, New York	New Haven, CT	cold	Saratoga, NY	1
New York, New York	New Haven, CT	cold	Schenectady, NY	2
New York, New York	New Haven, CT	cold	Schoharie, NY	4
New York, New York	New Haven, CT	cold	Schuylkill, PA	21
New York, New York	New Haven, CT	cold	Snyder, PA	14
New York, New York	New Haven, CT	cold	Somerset, NJ	72
New York, New York	New Haven, CT	cold	Suffolk, NY	59
New York, New York	New Haven, CT	cold	Sullivan, NY	22
New York, New York	New Haven, CT	cold	Sullivan, PA	15
New York, New York	New Haven, CT	cold	Susquehanna, PA	16
New York, New York	New Haven, CT	cold	Sussex, NJ	53
New York, New York	New Haven, CT	cold	Tioga, NY	9
New York, New York	New Haven, CT	cold	Tioga, PA	8
New York, New York	New Haven, CT	cold	Tolland, CT	9
New York, New York	New Haven, CT	cold	Tompkins, NY	5
New York, New York	New Haven, CT	cold	Ulster, NY	18
New York, New York	New Haven, CT	cold	Union, NJ	91
New York, New York	New Haven, CT	cold	Union, PA	13
New York, New York	New Haven, CT	cold	Warren, NJ	50
New York, New York	New Haven, CT	cold	Washington, NY	0
New York, New York	New Haven, CT	cold	Wayne, PA	21
New York, New York	New Haven, CT	cold	Westchester, NY	82
New York, New York	New Haven, CT	cold	Windham, VT	1
New York, New York	New Haven, CT	cold	Windsor, VT	0
New York, New York	New Haven, CT	cold	Worcester, MA	3
New York, New York	New Haven, CT	cold	Wyoming, PA	19

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	New Haven, CT	cold	York, PA	14
New York, New York	New Haven, CT	warm	Albany, NY	2
New York, New York	New Haven, CT	warm	Atlantic, NJ	44
New York, New York	New Haven, CT	warm	Bennington, VT	1
New York, New York	New Haven, CT	warm	Bergen, NJ	75
New York, New York	New Haven, CT	warm	Berks, PA	23
New York, New York	New Haven, CT	warm	Berkshire, MA	2
New York, New York	New Haven, CT	warm	Bradford, PA	7
New York, New York	New Haven, CT	warm	Bronx, NY	87
New York, New York	New Haven, CT	warm	Broome, NY	8
New York, New York	New Haven, CT	warm	Bucks, PA	56
New York, New York	New Haven, CT	warm	Burlington, NJ	63
New York, New York	New Haven, CT	warm	Camden, NJ	56
New York, New York	New Haven, CT	warm	Cape May, NJ	36
New York, New York	New Haven, CT	warm	Carbon, PA	15
New York, New York	New Haven, CT	warm	Cayuga, NY	7
New York, New York	New Haven, CT	warm	Cecil, MD	40
New York, New York	New Haven, CT	warm	Chemung, NY	6
New York, New York	New Haven, CT	warm	Chenango, NY	7
New York, New York	New Haven, CT	warm	Cheshire, NH	1
New York, New York	New Haven, CT	warm	Chester, PA	36
New York, New York	New Haven, CT	warm	Clinton, PA	8
New York, New York	New Haven, CT	warm	Columbia, NY	4
New York, New York	New Haven, CT	warm	Columbia, PA	14
New York, New York	New Haven, CT	warm	Cortland, NY	7
New York, New York	New Haven, CT	warm	Cumberland, NJ	44
New York, New York	New Haven, CT	warm	Cumberland, PA	14
New York, New York	New Haven, CT	warm	Dauphin, PA	19
New York, New York	New Haven, CT	warm	Delaware, NY	5
New York, New York	New Haven, CT	warm	Delaware, PA	48
New York, New York	New Haven, CT	warm	Dutchess, NY	13
New York, New York	New Haven, CT	warm	Essex, NJ	86
New York, New York	New Haven, CT	warm	Fairfield, CT	51
New York, New York	New Haven, CT	warm	Franklin, MA	1
New York, New York	New Haven, CT	warm	Gloucester, NJ	52
New York, New York	New Haven, CT	warm	Greene, NY	4
New York, New York	New Haven, CT	warm	Hampden, MA	3
New York, New York	New Haven, CT	warm	Hampshire, MA	1
New York, New York	New Haven, CT	warm	Harford, MD	29
New York, New York	New Haven, CT	warm	Hartford, CT	10
New York, New York	New Haven, CT	warm	Herkimer, NY	2
New York, New York	New Haven, CT	warm	Hudson, NJ	98
New York, New York	New Haven, CT	warm	Hunterdon, NJ	58
New York, New York	New Haven, CT	warm	Juniata, PA	13
New York, New York	New Haven, CT	warm	Kent, DE	45
New York, New York	New Haven, CT	warm	Kent, MD	42
New York, New York	New Haven, CT	warm	Kings, NY	100
New York, New York	New Haven, CT	warm	Lackawanna, PA	9
New York, New York	New Haven, CT	warm	Lancaster, PA	24

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	New Haven, CT	warm	Lebanon, PA	19
New York, New York	New Haven, CT	warm	Lehigh, PA	25
New York, New York	New Haven, CT	warm	Litchfield, CT	14
New York, New York	New Haven, CT	warm	Luzerne, PA	11
New York, New York	New Haven, CT	warm	Lycoming, PA	10
New York, New York	New Haven, CT	warm	Madison, NY	6
New York, New York	New Haven, CT	warm	Mercer, NJ	80
New York, New York	New Haven, CT	warm	Middlesex, CT	18
New York, New York	New Haven, CT	warm	Middlesex, NJ	94
New York, New York	New Haven, CT	warm	Monmouth, NJ	90
New York, New York	New Haven, CT	warm	Monroe, PA	16
New York, New York	New Haven, CT	warm	Montgomery, NY	2
New York, New York	New Haven, CT	warm	Montgomery, PA	45
New York, New York	New Haven, CT	warm	Montour, PA	15
New York, New York	New Haven, CT	warm	Morris, NJ	60
New York, New York	New Haven, CT	warm	Nassau, NY	82
New York, New York	New Haven, CT	warm	New Castle, DE	46
New York, New York	New Haven, CT	warm	New Haven, CT	34
New York, New York	New Haven, CT	warm	New London, CT	7
New York, New York	New Haven, CT	warm	New York, NY	95
New York, New York	New Haven, CT	warm	Northampton, PA	29
New York, New York	New Haven, CT	warm	Northumberland, PA	16
New York, New York	New Haven, CT	warm	Ocean, NJ	65
New York, New York	New Haven, CT	warm	Oneida, NY	4
New York, New York	New Haven, CT	warm	Onondaga, NY	7
New York, New York	New Haven, CT	warm	Orange, NY	23
New York, New York	New Haven, CT	warm	Otsego, NY	5
New York, New York	New Haven, CT	warm	Passaic, NJ	55
New York, New York	New Haven, CT	warm	Perry, PA	15
New York, New York	New Haven, CT	warm	Philadelphia, PA	57
New York, New York	New Haven, CT	warm	Pike, PA	12
New York, New York	New Haven, CT	warm	Potter, PA	5
New York, New York	New Haven, CT	warm	Putnam, NY	32
New York, New York	New Haven, CT	warm	Queens, NY	94
New York, New York	New Haven, CT	warm	Rensselaer, NY	1
New York, New York	New Haven, CT	warm	Rockland, NY	53
New York, New York	New Haven, CT	warm	Rutland, VT	0
New York, New York	New Haven, CT	warm	Salem, NJ	49
New York, New York	New Haven, CT	warm	Saratoga, NY	1
New York, New York	New Haven, CT	warm	Schenectady, NY	2
New York, New York	New Haven, CT	warm	Schoharie, NY	3
New York, New York	New Haven, CT	warm	Schuylkill, PA	16
New York, New York	New Haven, CT	warm	Snyder, PA	16
New York, New York	New Haven, CT	warm	Somerset, NJ	79
New York, New York	New Haven, CT	warm	Suffolk, NY	42
New York, New York	New Haven, CT	warm	Sullivan, NY	8
New York, New York	New Haven, CT	warm	Sullivan, PA	10
New York, New York	New Haven, CT	warm	Susquehanna, PA	8
New York, New York	New Haven, CT	warm	Sussex, NJ	27

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	New Haven, CT	warm	Tioga, NY	7
New York, New York	New Haven, CT	warm	Tioga, PA	5
New York, New York	New Haven, CT	warm	Tolland, CT	5
New York, New York	New Haven, CT	warm	Tompkins, NY	7
New York, New York	New Haven, CT	warm	Ulster, NY	8
New York, New York	New Haven, CT	warm	Union, NJ	94
New York, New York	New Haven, CT	warm	Union, PA	14
New York, New York	New Haven, CT	warm	Warren, NJ	35
New York, New York	New Haven, CT	warm	Washington, NY	1
New York, New York	New Haven, CT	warm	Wayne, PA	8
New York, New York	New Haven, CT	warm	Westchester, NY	58
New York, New York	New Haven, CT	warm	Windham, VT	1
New York, New York	New Haven, CT	warm	Windsor, VT	0
New York, New York	New Haven, CT	warm	Worcester, MA	3
New York, New York	New Haven, CT	warm	Wyoming, PA	9
New York, New York	New Haven, CT	warm	York, PA	20
New York, New York	New York, NY	cold	Albany, NY	1
New York, New York	New York, NY	cold	Atlantic, NJ	22
New York, New York	New York, NY	cold	Bennington, VT	0
New York, New York	New York, NY	cold	Bergen, NJ	77
New York, New York	New York, NY	cold	Berks, PA	32
New York, New York	New York, NY	cold	Berkshire, MA	1
New York, New York	New York, NY	cold	Bradford, PA	6
New York, New York	New York, NY	cold	Bronx, NY	84
New York, New York	New York, NY	cold	Broome, NY	3
New York, New York	New York, NY	cold	Bucks, PA	49
New York, New York	New York, NY	cold	Burlington, NJ	39
New York, New York	New York, NY	cold	Camden, NJ	32
New York, New York	New York, NY	cold	Cape May, NJ	13
New York, New York	New York, NY	cold	Carbon, PA	24
New York, New York	New York, NY	cold	Cayuga, NY	2
New York, New York	New York, NY	cold	Cecil, MD	28
New York, New York	New York, NY	cold	Chemung, NY	3
New York, New York	New York, NY	cold	Chenango, NY	2
New York, New York	New York, NY	cold	Cheshire, NH	0
New York, New York	New York, NY	cold	Chester, PA	32
New York, New York	New York, NY	cold	Clinton, PA	6
New York, New York	New York, NY	cold	Columbia, NY	2
New York, New York	New York, NY	cold	Columbia, PA	16
New York, New York	New York, NY	cold	Cortland, NY	2
New York, New York	New York, NY	cold	Cumberland, NJ	19
New York, New York	New York, NY	cold	Cumberland, PA	14
New York, New York	New York, NY	cold	Dauphin, PA	22
New York, New York	New York, NY	cold	Delaware, NY	2
New York, New York	New York, NY	cold	Delaware, PA	33
New York, New York	New York, NY	cold	Dutchess, NY	9
New York, New York	New York, NY	cold	Essex, NJ	93
New York, New York	New York, NY	cold	Fairfield, CT	31
New York, New York	New York, NY	cold	Franklin, MA	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	New York, NY	cold	Gloucester, NJ	29
New York, New York	New York, NY	cold	Greene, NY	1
New York, New York	New York, NY	cold	Hampden, MA	2
New York, New York	New York, NY	cold	Hampshire, MA	1
New York, New York	New York, NY	cold	Harford, MD	28
New York, New York	New York, NY	cold	Hartford, CT	5
New York, New York	New York, NY	cold	Herkimer, NY	0
New York, New York	New York, NY	cold	Hudson, NJ	100
New York, New York	New York, NY	cold	Hunterdon, NJ	62
New York, New York	New York, NY	cold	Juniata, PA	13
New York, New York	New York, NY	cold	Kent, DE	17
New York, New York	New York, NY	cold	Kent, MD	26
New York, New York	New York, NY	cold	Kings, NY	97
New York, New York	New York, NY	cold	Lackawanna, PA	12
New York, New York	New York, NY	cold	Lancaster, PA	27
New York, New York	New York, NY	cold	Lebanon, PA	26
New York, New York	New York, NY	cold	Lehigh, PA	35
New York, New York	New York, NY	cold	Litchfield, CT	8
New York, New York	New York, NY	cold	Luzerne, PA	15
New York, New York	New York, NY	cold	Lycoming, PA	7
New York, New York	New York, NY	cold	Madison, NY	1
New York, New York	New York, NY	cold	Mercer, NJ	63
New York, New York	New York, NY	cold	Middlesex, CT	10
New York, New York	New York, NY	cold	Middlesex, NJ	83
New York, New York	New York, NY	cold	Monmouth, NJ	68
New York, New York	New York, NY	cold	Monroe, PA	25
New York, New York	New York, NY	cold	Montgomery, NY	0
New York, New York	New York, NY	cold	Montgomery, PA	40
New York, New York	New York, NY	cold	Montour, PA	16
New York, New York	New York, NY	cold	Morris, NJ	73
New York, New York	New York, NY	cold	Nassau, NY	71
New York, New York	New York, NY	cold	New Castle, DE	27
New York, New York	New York, NY	cold	New Haven, CT	18
New York, New York	New York, NY	cold	New London, CT	5
New York, New York	New York, NY	cold	New York, NY	95
New York, New York	New York, NY	cold	Northampton, PA	39
New York, New York	New York, NY	cold	Northumberland, PA	19
New York, New York	New York, NY	cold	Ocean, NJ	41
New York, New York	New York, NY	cold	Oneida, NY	1
New York, New York	New York, NY	cold	Onondaga, NY	2
New York, New York	New York, NY	cold	Orange, NY	23
New York, New York	New York, NY	cold	Otsego, NY	1
New York, New York	New York, NY	cold	Passaic, NJ	61
New York, New York	New York, NY	cold	Perry, PA	15
New York, New York	New York, NY	cold	Philadelphia, PA	39
New York, New York	New York, NY	cold	Pike, PA	18
New York, New York	New York, NY	cold	Potter, PA	2
New York, New York	New York, NY	cold	Putnam, NY	23
New York, New York	New York, NY	cold	Queens, NY	89

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	New York, NY	cold	Rensselaer, NY	1
New York, New York	New York, NY	cold	Rockland, NY	49
New York, New York	New York, NY	cold	Rutland, VT	0
New York, New York	New York, NY	cold	Salem, NJ	25
New York, New York	New York, NY	cold	Saratoga, NY	0
New York, New York	New York, NY	cold	Schenectady, NY	1
New York, New York	New York, NY	cold	Schoharie, NY	1
New York, New York	New York, NY	cold	Schuylkill, PA	25
New York, New York	New York, NY	cold	Snyder, PA	16
New York, New York	New York, NY	cold	Somerset, NJ	80
New York, New York	New York, NY	cold	Suffolk, NY	29
New York, New York	New York, NY	cold	Sullivan, NY	8
New York, New York	New York, NY	cold	Sullivan, PA	8
New York, New York	New York, NY	cold	Susquehanna, PA	6
New York, New York	New York, NY	cold	Sussex, NJ	37
New York, New York	New York, NY	cold	Tioga, NY	3
New York, New York	New York, NY	cold	Tioga, PA	4
New York, New York	New York, NY	cold	Tolland, CT	3
New York, New York	New York, NY	cold	Tompkins, NY	2
New York, New York	New York, NY	cold	Ulster, NY	6
New York, New York	New York, NY	cold	Union, NJ	98
New York, New York	New York, NY	cold	Union, PA	13
New York, New York	New York, NY	cold	Warren, NJ	47
New York, New York	New York, NY	cold	Washington, NY	0
New York, New York	New York, NY	cold	Wayne, PA	9
New York, New York	New York, NY	cold	Westchester, NY	46
New York, New York	New York, NY	cold	Windham, VT	0
New York, New York	New York, NY	cold	Windsor, VT	0
New York, New York	New York, NY	cold	Worcester, MA	1
New York, New York	New York, NY	cold	Wyoming, PA	9
New York, New York	New York, NY	cold	York, PA	21
New York, New York	New York, NY	warm	Albany, NY	2
New York, New York	New York, NY	warm	Atlantic, NJ	38
New York, New York	New York, NY	warm	Bennington, VT	0
New York, New York	New York, NY	warm	Bergen, NJ	70
New York, New York	New York, NY	warm	Berks, PA	42
New York, New York	New York, NY	warm	Berkshire, MA	1
New York, New York	New York, NY	warm	Bradford, PA	7
New York, New York	New York, NY	warm	Bronx, NY	77
New York, New York	New York, NY	warm	Broome, NY	6
New York, New York	New York, NY	warm	Bucks, PA	70
New York, New York	New York, NY	warm	Burlington, NJ	59
New York, New York	New York, NY	warm	Camden, NJ	55
New York, New York	New York, NY	warm	Cape May, NJ	32
New York, New York	New York, NY	warm	Carbon, PA	23
New York, New York	New York, NY	warm	Cayuga, NY	6
New York, New York	New York, NY	warm	Cecil, MD	49
New York, New York	New York, NY	warm	Chemung, NY	5
New York, New York	New York, NY	warm	Chenango, NY	4

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	New York, NY	warm	Cheshire, NH	0
New York, New York	New York, NY	warm	Chester, PA	53
New York, New York	New York, NY	warm	Clinton, PA	9
New York, New York	New York, NY	warm	Columbia, NY	2
New York, New York	New York, NY	warm	Columbia, PA	18
New York, New York	New York, NY	warm	Cortland, NY	5
New York, New York	New York, NY	warm	Cumberland, NJ	41
New York, New York	New York, NY	warm	Cumberland, PA	25
New York, New York	New York, NY	warm	Dauphin, PA	31
New York, New York	New York, NY	warm	Delaware, NY	3
New York, New York	New York, NY	warm	Delaware, PA	59
New York, New York	New York, NY	warm	Dutchess, NY	8
New York, New York	New York, NY	warm	Essex, NJ	89
New York, New York	New York, NY	warm	Fairfield, CT	28
New York, New York	New York, NY	warm	Franklin, MA	0
New York, New York	New York, NY	warm	Gloucester, NJ	53
New York, New York	New York, NY	warm	Greene, NY	2
New York, New York	New York, NY	warm	Hampden, MA	1
New York, New York	New York, NY	warm	Hampshire, MA	1
New York, New York	New York, NY	warm	Harford, MD	43
New York, New York	New York, NY	warm	Hartford, CT	5
New York, New York	New York, NY	warm	Herkimer, NY	2
New York, New York	New York, NY	warm	Hudson, NJ	97
New York, New York	New York, NY	warm	Hunterdon, NJ	74
New York, New York	New York, NY	warm	Juniata, PA	19
New York, New York	New York, NY	warm	Kent, DE	42
New York, New York	New York, NY	warm	Kent, MD	47
New York, New York	New York, NY	warm	Kings, NY	95
New York, New York	New York, NY	warm	Lackawanna, PA	9
New York, New York	New York, NY	warm	Lancaster, PA	44
New York, New York	New York, NY	warm	Lebanon, PA	36
New York, New York	New York, NY	warm	Lehigh, PA	41
New York, New York	New York, NY	warm	Litchfield, CT	7
New York, New York	New York, NY	warm	Luzerne, PA	14
New York, New York	New York, NY	warm	Lycoming, PA	11
New York, New York	New York, NY	warm	Madison, NY	4
New York, New York	New York, NY	warm	Mercer, NJ	86
New York, New York	New York, NY	warm	Middlesex, CT	9
New York, New York	New York, NY	warm	Middlesex, NJ	99
New York, New York	New York, NY	warm	Monmouth, NJ	86
New York, New York	New York, NY	warm	Monroe, PA	21
New York, New York	New York, NY	warm	Montgomery, NY	2
New York, New York	New York, NY	warm	Montgomery, PA	61
New York, New York	New York, NY	warm	Montour, PA	19
New York, New York	New York, NY	warm	Morris, NJ	67
New York, New York	New York, NY	warm	Nassau, NY	65
New York, New York	New York, NY	warm	New Castle, DE	51
New York, New York	New York, NY	warm	New Haven, CT	16
New York, New York	New York, NY	warm	New London, CT	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	New York, NY	warm	New York, NY	89
New York, New York	New York, NY	warm	Northampton, PA	42
New York, New York	New York, NY	warm	Northumberland, PA	22
New York, New York	New York, NY	warm	Ocean, NJ	56
New York, New York	New York, NY	warm	Oneida, NY	3
New York, New York	New York, NY	warm	Onondaga, NY	6
New York, New York	New York, NY	warm	Orange, NY	17
New York, New York	New York, NY	warm	Otsego, NY	3
New York, New York	New York, NY	warm	Passaic, NJ	54
New York, New York	New York, NY	warm	Perry, PA	23
New York, New York	New York, NY	warm	Philadelphia, PA	65
New York, New York	New York, NY	warm	Pike, PA	12
New York, New York	New York, NY	warm	Potter, PA	5
New York, New York	New York, NY	warm	Putnam, NY	20
New York, New York	New York, NY	warm	Queens, NY	84
New York, New York	New York, NY	warm	Rensselaer, NY	1
New York, New York	New York, NY	warm	Rockland, NY	44
New York, New York	New York, NY	warm	Rutland, VT	0
New York, New York	New York, NY	warm	Salem, NJ	50
New York, New York	New York, NY	warm	Saratoga, NY	1
New York, New York	New York, NY	warm	Schenectady, NY	1
New York, New York	New York, NY	warm	Schoharie, NY	2
New York, New York	New York, NY	warm	Schuylkill, PA	27
New York, New York	New York, NY	warm	Snyder, PA	20
New York, New York	New York, NY	warm	Somerset, NJ	91
New York, New York	New York, NY	warm	Suffolk, NY	27
New York, New York	New York, NY	warm	Sullivan, NY	6
New York, New York	New York, NY	warm	Sullivan, PA	11
New York, New York	New York, NY	warm	Susquehanna, PA	7
New York, New York	New York, NY	warm	Sussex, NJ	29
New York, New York	New York, NY	warm	Tioga, NY	6
New York, New York	New York, NY	warm	Tioga, PA	6
New York, New York	New York, NY	warm	Tolland, CT	2
New York, New York	New York, NY	warm	Tompkins, NY	6
New York, New York	New York, NY	warm	Ulster, NY	5
New York, New York	New York, NY	warm	Union, NJ	100
New York, New York	New York, NY	warm	Union, PA	17
New York, New York	New York, NY	warm	Warren, NJ	45
New York, New York	New York, NY	warm	Washington, NY	1
New York, New York	New York, NY	warm	Wayne, PA	7
New York, New York	New York, NY	warm	Westchester, NY	42
New York, New York	New York, NY	warm	Windham, VT	0
New York, New York	New York, NY	warm	Windsor, VT	0
New York, New York	New York, NY	warm	Worcester, MA	0
New York, New York	New York, NY	warm	Wyoming, PA	9
New York, New York	New York, NY	warm	York, PA	37
New York, New York	Union, NJ	cold	Albany, NY	3
New York, New York	Union, NJ	cold	Atlantic, NJ	17
New York, New York	Union, NJ	cold	Bennington, VT	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Union, NJ	cold	Bergen, NJ	80
New York, New York	Union, NJ	cold	Berks, PA	26
New York, New York	Union, NJ	cold	Berkshire, MA	4
New York, New York	Union, NJ	cold	Bradford, PA	4
New York, New York	Union, NJ	cold	Bronx, NY	86
New York, New York	Union, NJ	cold	Broome, NY	3
New York, New York	Union, NJ	cold	Bucks, PA	38
New York, New York	Union, NJ	cold	Burlington, NJ	30
New York, New York	Union, NJ	cold	Camden, NJ	26
New York, New York	Union, NJ	cold	Cape May, NJ	12
New York, New York	Union, NJ	cold	Carbon, PA	20
New York, New York	Union, NJ	cold	Cayuga, NY	2
New York, New York	Union, NJ	cold	Cecil, MD	20
New York, New York	Union, NJ	cold	Chemung, NY	2
New York, New York	Union, NJ	cold	Chenango, NY	2
New York, New York	Union, NJ	cold	Cheshire, NH	1
New York, New York	Union, NJ	cold	Chester, PA	24
New York, New York	Union, NJ	cold	Clinton, PA	5
New York, New York	Union, NJ	cold	Columbia, NY	4
New York, New York	Union, NJ	cold	Columbia, PA	16
New York, New York	Union, NJ	cold	Cortland, NY	2
New York, New York	Union, NJ	cold	Cumberland, NJ	16
New York, New York	Union, NJ	cold	Cumberland, PA	13
New York, New York	Union, NJ	cold	Dauphin, PA	21
New York, New York	Union, NJ	cold	Delaware, NY	3
New York, New York	Union, NJ	cold	Delaware, PA	26
New York, New York	Union, NJ	cold	Dutchess, NY	13
New York, New York	Union, NJ	cold	Essex, NJ	92
New York, New York	Union, NJ	cold	Fairfield, CT	32
New York, New York	Union, NJ	cold	Franklin, MA	2
New York, New York	Union, NJ	cold	Gloucester, NJ	24
New York, New York	Union, NJ	cold	Greene, NY	3
New York, New York	Union, NJ	cold	Hampden, MA	4
New York, New York	Union, NJ	cold	Hampshire, MA	3
New York, New York	Union, NJ	cold	Harford, MD	20
New York, New York	Union, NJ	cold	Hartford, CT	9
New York, New York	Union, NJ	cold	Herkimer, NY	2
New York, New York	Union, NJ	cold	Hudson, NJ	100
New York, New York	Union, NJ	cold	Hunterdon, NJ	48
New York, New York	Union, NJ	cold	Juniata, PA	12
New York, New York	Union, NJ	cold	Kent, DE	13
New York, New York	Union, NJ	cold	Kent, MD	19
New York, New York	Union, NJ	cold	Kings, NY	94
New York, New York	Union, NJ	cold	Lackawanna, PA	11
New York, New York	Union, NJ	cold	Lancaster, PA	21
New York, New York	Union, NJ	cold	Lebanon, PA	24
New York, New York	Union, NJ	cold	Lehigh, PA	27
New York, New York	Union, NJ	cold	Litchfield, CT	12
New York, New York	Union, NJ	cold	Luzerne, PA	14

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Union, NJ	cold	Lycoming, PA	7
New York, New York	Union, NJ	cold	Madison, NY	2
New York, New York	Union, NJ	cold	Mercer, NJ	52
New York, New York	Union, NJ	cold	Middlesex, CT	12
New York, New York	Union, NJ	cold	Middlesex, NJ	76
New York, New York	Union, NJ	cold	Monmouth, NJ	60
New York, New York	Union, NJ	cold	Monroe, PA	20
New York, New York	Union, NJ	cold	Montgomery, NY	2
New York, New York	Union, NJ	cold	Montgomery, PA	30
New York, New York	Union, NJ	cold	Montour, PA	16
New York, New York	Union, NJ	cold	Morris, NJ	65
New York, New York	Union, NJ	cold	Nassau, NY	64
New York, New York	Union, NJ	cold	New Castle, DE	20
New York, New York	Union, NJ	cold	New Haven, CT	19
New York, New York	Union, NJ	cold	New London, CT	6
New York, New York	Union, NJ	cold	New York, NY	96
New York, New York	Union, NJ	cold	Northampton, PA	29
New York, New York	Union, NJ	cold	Northumberland, PA	18
New York, New York	Union, NJ	cold	Ocean, NJ	30
New York, New York	Union, NJ	cold	Oneida, NY	2
New York, New York	Union, NJ	cold	Onondaga, NY	2
New York, New York	Union, NJ	cold	Orange, NY	25
New York, New York	Union, NJ	cold	Otsego, NY	2
New York, New York	Union, NJ	cold	Passaic, NJ	62
New York, New York	Union, NJ	cold	Perry, PA	14
New York, New York	Union, NJ	cold	Philadelphia, PA	31
New York, New York	Union, NJ	cold	Pike, PA	17
New York, New York	Union, NJ	cold	Potter, PA	2
New York, New York	Union, NJ	cold	Putnam, NY	27
New York, New York	Union, NJ	cold	Queens, NY	87
New York, New York	Union, NJ	cold	Rensselaer, NY	3
New York, New York	Union, NJ	cold	Rockland, NY	55
New York, New York	Union, NJ	cold	Rutland, VT	2
New York, New York	Union, NJ	cold	Salem, NJ	20
New York, New York	Union, NJ	cold	Saratoga, NY	2
New York, New York	Union, NJ	cold	Schenectady, NY	3
New York, New York	Union, NJ	cold	Schoharie, NY	2
New York, New York	Union, NJ	cold	Schuylkill, PA	23
New York, New York	Union, NJ	cold	Snyder, PA	15
New York, New York	Union, NJ	cold	Somerset, NJ	69
New York, New York	Union, NJ	cold	Suffolk, NY	24
New York, New York	Union, NJ	cold	Sullivan, NY	9
New York, New York	Union, NJ	cold	Sullivan, PA	8
New York, New York	Union, NJ	cold	Susquehanna, PA	6
New York, New York	Union, NJ	cold	Sussex, NJ	33
New York, New York	Union, NJ	cold	Tioga, NY	3
New York, New York	Union, NJ	cold	Tioga, PA	2
New York, New York	Union, NJ	cold	Tolland, CT	5
New York, New York	Union, NJ	cold	Tompkins, NY	2

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Union, NJ	cold	Ulster, NY	8
New York, New York	Union, NJ	cold	Union, NJ	94
New York, New York	Union, NJ	cold	Union, PA	13
New York, New York	Union, NJ	cold	Warren, NJ	36
New York, New York	Union, NJ	cold	Washington, NY	2
New York, New York	Union, NJ	cold	Wayne, PA	9
New York, New York	Union, NJ	cold	Westchester, NY	51
New York, New York	Union, NJ	cold	Windham, VT	2
New York, New York	Union, NJ	cold	Windsor, VT	1
New York, New York	Union, NJ	cold	Worcester, MA	3
New York, New York	Union, NJ	cold	Wyoming, PA	9
New York, New York	Union, NJ	cold	York, PA	17
New York, New York	Union, NJ	warm	Albany, NY	2
New York, New York	Union, NJ	warm	Atlantic, NJ	39
New York, New York	Union, NJ	warm	Bennington, VT	1
New York, New York	Union, NJ	warm	Bergen, NJ	71
New York, New York	Union, NJ	warm	Berks, PA	39
New York, New York	Union, NJ	warm	Berkshire, MA	1
New York, New York	Union, NJ	warm	Bradford, PA	7
New York, New York	Union, NJ	warm	Bronx, NY	79
New York, New York	Union, NJ	warm	Broome, NY	6
New York, New York	Union, NJ	warm	Bucks, PA	68
New York, New York	Union, NJ	warm	Burlington, NJ	59
New York, New York	Union, NJ	warm	Camden, NJ	54
New York, New York	Union, NJ	warm	Cape May, NJ	32
New York, New York	Union, NJ	warm	Carbon, PA	21
New York, New York	Union, NJ	warm	Cayuga, NY	6
New York, New York	Union, NJ	warm	Cecil, MD	46
New York, New York	Union, NJ	warm	Chemung, NY	6
New York, New York	Union, NJ	warm	Chenango, NY	5
New York, New York	Union, NJ	warm	Cheshire, NH	0
New York, New York	Union, NJ	warm	Chester, PA	50
New York, New York	Union, NJ	warm	Clinton, PA	8
New York, New York	Union, NJ	warm	Columbia, NY	3
New York, New York	Union, NJ	warm	Columbia, PA	15
New York, New York	Union, NJ	warm	Cortland, NY	5
New York, New York	Union, NJ	warm	Cumberland, NJ	40
New York, New York	Union, NJ	warm	Cumberland, PA	23
New York, New York	Union, NJ	warm	Dauphin, PA	28
New York, New York	Union, NJ	warm	Delaware, NY	4
New York, New York	Union, NJ	warm	Delaware, PA	56
New York, New York	Union, NJ	warm	Dutchess, NY	9
New York, New York	Union, NJ	warm	Essex, NJ	89
New York, New York	Union, NJ	warm	Fairfield, CT	30
New York, New York	Union, NJ	warm	Franklin, MA	0
New York, New York	Union, NJ	warm	Gloucester, NJ	52
New York, New York	Union, NJ	warm	Greene, NY	3
New York, New York	Union, NJ	warm	Hampden, MA	1
New York, New York	Union, NJ	warm	Hampshire, MA	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Union, NJ	warm	Harford, MD	38
New York, New York	Union, NJ	warm	Hartford, CT	5
New York, New York	Union, NJ	warm	Herkimer, NY	2
New York, New York	Union, NJ	warm	Hudson, NJ	98
New York, New York	Union, NJ	warm	Hunterdon, NJ	71
New York, New York	Union, NJ	warm	Juniata, PA	17
New York, New York	Union, NJ	warm	Kent, DE	41
New York, New York	Union, NJ	warm	Kent, MD	43
New York, New York	Union, NJ	warm	Kings, NY	97
New York, New York	Union, NJ	warm	Lackawanna, PA	9
New York, New York	Union, NJ	warm	Lancaster, PA	40
New York, New York	Union, NJ	warm	Lebanon, PA	33
New York, New York	Union, NJ	warm	Lehigh, PA	38
New York, New York	Union, NJ	warm	Litchfield, CT	8
New York, New York	Union, NJ	warm	Luzerne, PA	12
New York, New York	Union, NJ	warm	Lycoming, PA	10
New York, New York	Union, NJ	warm	Madison, NY	5
New York, New York	Union, NJ	warm	Mercer, NJ	86
New York, New York	Union, NJ	warm	Middlesex, CT	10
New York, New York	Union, NJ	warm	Middlesex, NJ	100
New York, New York	Union, NJ	warm	Monmouth, NJ	87
New York, New York	Union, NJ	warm	Monroe, PA	19
New York, New York	Union, NJ	warm	Montgomery, NY	2
New York, New York	Union, NJ	warm	Montgomery, PA	58
New York, New York	Union, NJ	warm	Montour, PA	16
New York, New York	Union, NJ	warm	Morris, NJ	66
New York, New York	Union, NJ	warm	Nassau, NY	67
New York, New York	Union, NJ	warm	New Castle, DE	49
New York, New York	Union, NJ	warm	New Haven, CT	18
New York, New York	Union, NJ	warm	New London, CT	4
New York, New York	Union, NJ	warm	New York, NY	91
New York, New York	Union, NJ	warm	Northampton, PA	39
New York, New York	Union, NJ	warm	Northumberland, PA	20
New York, New York	Union, NJ	warm	Ocean, NJ	58
New York, New York	Union, NJ	warm	Oneida, NY	3
New York, New York	Union, NJ	warm	Onondaga, NY	6
New York, New York	Union, NJ	warm	Orange, NY	18
New York, New York	Union, NJ	warm	Otsego, NY	3
New York, New York	Union, NJ	warm	Passaic, NJ	54
New York, New York	Union, NJ	warm	Perry, PA	21
New York, New York	Union, NJ	warm	Philadelphia, PA	63
New York, New York	Union, NJ	warm	Pike, PA	12
New York, New York	Union, NJ	warm	Potter, PA	4
New York, New York	Union, NJ	warm	Putnam, NY	21
New York, New York	Union, NJ	warm	Queens, NY	86
New York, New York	Union, NJ	warm	Rensselaer, NY	1
New York, New York	Union, NJ	warm	Rockland, NY	45
New York, New York	Union, NJ	warm	Rutland, VT	0
New York, New York	Union, NJ	warm	Salem, NJ	48

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
New York, New York	Union, NJ	warm	Saratoga, NY	1
New York, New York	Union, NJ	warm	Schenectady, NY	1
New York, New York	Union, NJ	warm	Schoharie, NY	2
New York, New York	Union, NJ	warm	Schuylkill, PA	25
New York, New York	Union, NJ	warm	Snyder, PA	18
New York, New York	Union, NJ	warm	Somerset, NJ	89
New York, New York	Union, NJ	warm	Suffolk, NY	28
New York, New York	Union, NJ	warm	Sullivan, NY	6
New York, New York	Union, NJ	warm	Sullivan, PA	9
New York, New York	Union, NJ	warm	Susquehanna, PA	7
New York, New York	Union, NJ	warm	Sussex, NJ	28
New York, New York	Union, NJ	warm	Tioga, NY	6
New York, New York	Union, NJ	warm	Tioga, PA	5
New York, New York	Union, NJ	warm	Tolland, CT	2
New York, New York	Union, NJ	warm	Tompkins, NY	6
New York, New York	Union, NJ	warm	Ulster, NY	5
New York, New York	Union, NJ	warm	Union, NJ	100
New York, New York	Union, NJ	warm	Union, PA	15
New York, New York	Union, NJ	warm	Warren, NJ	42
New York, New York	Union, NJ	warm	Washington, NY	1
New York, New York	Union, NJ	warm	Wayne, PA	6
New York, New York	Union, NJ	warm	Westchester, NY	44
New York, New York	Union, NJ	warm	Windham, VT	0
New York, New York	Union, NJ	warm	Windsor, VT	0
New York, New York	Union, NJ	warm	Worcester, MA	0
New York, New York	Union, NJ	warm	Wyoming, PA	8
New York, New York	Union, NJ	warm	York, PA	33
Nogales, AZ	Santa Cruz, AZ	cold	Apache, AZ	0
Nogales, AZ	Santa Cruz, AZ	cold	Archuleta, CO	0
Nogales, AZ	Santa Cruz, AZ	cold	Bernalillo, NM	0
Nogales, AZ	Santa Cruz, AZ	cold	Catron, NM	0
Nogales, AZ	Santa Cruz, AZ	cold	Cibola, NM	0
Nogales, AZ	Santa Cruz, AZ	cold	Clark, NV	0
Nogales, AZ	Santa Cruz, AZ	cold	Cochise, AZ	13
Nogales, AZ	Santa Cruz, AZ	cold	Coconino, AZ	0
Nogales, AZ	Santa Cruz, AZ	cold	Dolores, CO	0
Nogales, AZ	Santa Cruz, AZ	cold	Dona Ana, NM	1
Nogales, AZ	Santa Cruz, AZ	cold	El Paso, TX	0
Nogales, AZ	Santa Cruz, AZ	cold	Emery, UT	0
Nogales, AZ	Santa Cruz, AZ	cold	Garfield, UT	0
Nogales, AZ	Santa Cruz, AZ	cold	Gila, AZ	1
Nogales, AZ	Santa Cruz, AZ	cold	Graham, AZ	2
Nogales, AZ	Santa Cruz, AZ	cold	Grand, UT	0
Nogales, AZ	Santa Cruz, AZ	cold	Grant, NM	1
Nogales, AZ	Santa Cruz, AZ	cold	Greenlee, AZ	0
Nogales, AZ	Santa Cruz, AZ	cold	Hidalgo, NM	3
Nogales, AZ	Santa Cruz, AZ	cold	Imperial, CA	0
Nogales, AZ	Santa Cruz, AZ	cold	Inyo, CA	0
Nogales, AZ	Santa Cruz, AZ	cold	Kane, UT	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Nogales, AZ	Santa Cruz, AZ	cold	Kern, CA	0
Nogales, AZ	Santa Cruz, AZ	cold	La Paz, AZ	0
Nogales, AZ	Santa Cruz, AZ	cold	La Plata, CO	0
Nogales, AZ	Santa Cruz, AZ	cold	Lincoln, NM	0
Nogales, AZ	Santa Cruz, AZ	cold	Lincoln, NV	0
Nogales, AZ	Santa Cruz, AZ	cold	Los Angeles, CA	0
Nogales, AZ	Santa Cruz, AZ	cold	Luna, NM	4
Nogales, AZ	Santa Cruz, AZ	cold	Maricopa, AZ	1
Nogales, AZ	Santa Cruz, AZ	cold	McKinley, NM	0
Nogales, AZ	Santa Cruz, AZ	cold	Mesa, CO	0
Nogales, AZ	Santa Cruz, AZ	cold	Mohave, AZ	0
Nogales, AZ	Santa Cruz, AZ	cold	Montezuma, CO	0
Nogales, AZ	Santa Cruz, AZ	cold	Montrose, CO	0
Nogales, AZ	Santa Cruz, AZ	cold	Navajo, AZ	0
Nogales, AZ	Santa Cruz, AZ	cold	Orange, CA	0
Nogales, AZ	Santa Cruz, AZ	cold	Otero, NM	0
Nogales, AZ	Santa Cruz, AZ	cold	Pima, AZ	25
Nogales, AZ	Santa Cruz, AZ	cold	Pinal, AZ	7
Nogales, AZ	Santa Cruz, AZ	cold	Rio Arriba, NM	0
Nogales, AZ	Santa Cruz, AZ	cold	Riverside, CA	0
Nogales, AZ	Santa Cruz, AZ	cold	San Bernardino, CA	0
Nogales, AZ	Santa Cruz, AZ	cold	San Diego, CA	0
Nogales, AZ	Santa Cruz, AZ	cold	San Juan, CO	0
Nogales, AZ	Santa Cruz, AZ	cold	San Juan, NM	0
Nogales, AZ	Santa Cruz, AZ	cold	San Juan, UT	0
Nogales, AZ	Santa Cruz, AZ	cold	San Miguel, CO	0
Nogales, AZ	Santa Cruz, AZ	cold	Sandoval, NM	0
Nogales, AZ	Santa Cruz, AZ	cold	Santa Cruz, AZ	100
Nogales, AZ	Santa Cruz, AZ	cold	Sierra, NM	1
Nogales, AZ	Santa Cruz, AZ	cold	Socorro, NM	0
Nogales, AZ	Santa Cruz, AZ	cold	Torrance, NM	0
Nogales, AZ	Santa Cruz, AZ	cold	Valencia, NM	0
Nogales, AZ	Santa Cruz, AZ	cold	Washington, UT	0
Nogales, AZ	Santa Cruz, AZ	cold	Wayne, UT	0
Nogales, AZ	Santa Cruz, AZ	cold	Yavapai, AZ	0
Nogales, AZ	Santa Cruz, AZ	cold	Yuma, AZ	1
Nogales, AZ	Santa Cruz, AZ	warm	Apache, AZ	0
Nogales, AZ	Santa Cruz, AZ	warm	Archuleta, CO	0
Nogales, AZ	Santa Cruz, AZ	warm	Bernalillo, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	Catron, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	Cibola, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	Clark, NV	0
Nogales, AZ	Santa Cruz, AZ	warm	Cochise, AZ	4
Nogales, AZ	Santa Cruz, AZ	warm	Coconino, AZ	0
Nogales, AZ	Santa Cruz, AZ	warm	Dolores, CO	0
Nogales, AZ	Santa Cruz, AZ	warm	Dona Ana, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	El Paso, TX	0
Nogales, AZ	Santa Cruz, AZ	warm	Emery, UT	0
Nogales, AZ	Santa Cruz, AZ	warm	Garfield, UT	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Nogales, AZ	Santa Cruz, AZ	warm	Gila, AZ	0
Nogales, AZ	Santa Cruz, AZ	warm	Graham, AZ	0
Nogales, AZ	Santa Cruz, AZ	warm	Grand, UT	0
Nogales, AZ	Santa Cruz, AZ	warm	Grant, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	Greenlee, AZ	0
Nogales, AZ	Santa Cruz, AZ	warm	Hidalgo, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	Imperial, CA	3
Nogales, AZ	Santa Cruz, AZ	warm	Inyo, CA	0
Nogales, AZ	Santa Cruz, AZ	warm	Kane, UT	0
Nogales, AZ	Santa Cruz, AZ	warm	Kern, CA	0
Nogales, AZ	Santa Cruz, AZ	warm	La Paz, AZ	2
Nogales, AZ	Santa Cruz, AZ	warm	La Plata, CO	0
Nogales, AZ	Santa Cruz, AZ	warm	Lincoln, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	Lincoln, NV	0
Nogales, AZ	Santa Cruz, AZ	warm	Los Angeles, CA	0
Nogales, AZ	Santa Cruz, AZ	warm	Luna, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	Maricopa, AZ	4
Nogales, AZ	Santa Cruz, AZ	warm	McKinley, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	Mesa, CO	0
Nogales, AZ	Santa Cruz, AZ	warm	Mohave, AZ	0
Nogales, AZ	Santa Cruz, AZ	warm	Montezuma, CO	0
Nogales, AZ	Santa Cruz, AZ	warm	Montrose, CO	0
Nogales, AZ	Santa Cruz, AZ	warm	Navajo, AZ	0
Nogales, AZ	Santa Cruz, AZ	warm	Orange, CA	1
Nogales, AZ	Santa Cruz, AZ	warm	Otero, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	Pima, AZ	29
Nogales, AZ	Santa Cruz, AZ	warm	Pinal, AZ	3
Nogales, AZ	Santa Cruz, AZ	warm	Rio Arriba, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	Riverside, CA	1
Nogales, AZ	Santa Cruz, AZ	warm	San Bernardino, CA	0
Nogales, AZ	Santa Cruz, AZ	warm	San Diego, CA	1
Nogales, AZ	Santa Cruz, AZ	warm	San Juan, CO	0
Nogales, AZ	Santa Cruz, AZ	warm	San Juan, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	San Juan, UT	0
Nogales, AZ	Santa Cruz, AZ	warm	San Miguel, CO	0
Nogales, AZ	Santa Cruz, AZ	warm	Sandoval, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	Santa Cruz, AZ	100
Nogales, AZ	Santa Cruz, AZ	warm	Sierra, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	Socorro, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	Torrance, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	Valencia, NM	0
Nogales, AZ	Santa Cruz, AZ	warm	Washington, UT	0
Nogales, AZ	Santa Cruz, AZ	warm	Wayne, UT	0
Nogales, AZ	Santa Cruz, AZ	warm	Yavapai, AZ	0
Nogales, AZ	Santa Cruz, AZ	warm	Yuma, AZ	11
Oak Ridge, OR	Lane, OR	cold	Ada, ID	0
Oak Ridge, OR	Lane, OR	cold	Adams, ID	0
Oak Ridge, OR	Lane, OR	cold	Baker, OR	2
Oak Ridge, OR	Lane, OR	cold	Benton, OR	16

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Oak Ridge, OR	Lane, OR	cold	Benton, WA	1
Oak Ridge, OR	Lane, OR	cold	Box Elder, UT	0
Oak Ridge, OR	Lane, OR	cold	Butte, CA	12
Oak Ridge, OR	Lane, OR	cold	Canyon, ID	0
Oak Ridge, OR	Lane, OR	cold	Carson, NV	2
Oak Ridge, OR	Lane, OR	cold	Cassia, ID	0
Oak Ridge, OR	Lane, OR	cold	Churchill, NV	1
Oak Ridge, OR	Lane, OR	cold	Clackamas, OR	1
Oak Ridge, OR	Lane, OR	cold	Clark, WA	0
Oak Ridge, OR	Lane, OR	cold	Clatsop, OR	0
Oak Ridge, OR	Lane, OR	cold	Columbia, OR	0
Oak Ridge, OR	Lane, OR	cold	Columbia, WA	0
Oak Ridge, OR	Lane, OR	cold	Coos, OR	14
Oak Ridge, OR	Lane, OR	cold	Cowlitz, WA	0
Oak Ridge, OR	Lane, OR	cold	Crook, OR	8
Oak Ridge, OR	Lane, OR	cold	Curry, OR	5
Oak Ridge, OR	Lane, OR	cold	Del Norte, CA	3
Oak Ridge, OR	Lane, OR	cold	Deschutes, OR	29
Oak Ridge, OR	Lane, OR	cold	Douglas, NV	1
Oak Ridge, OR	Lane, OR	cold	Douglas, OR	68
Oak Ridge, OR	Lane, OR	cold	El Dorado, CA	9
Oak Ridge, OR	Lane, OR	cold	Elko, NV	0
Oak Ridge, OR	Lane, OR	cold	Elmore, ID	0
Oak Ridge, OR	Lane, OR	cold	Eureka, NV	0
Oak Ridge, OR	Lane, OR	cold	Gem, ID	0
Oak Ridge, OR	Lane, OR	cold	Gilliam, OR	3
Oak Ridge, OR	Lane, OR	cold	Glenn, CA	6
Oak Ridge, OR	Lane, OR	cold	Grant, OR	1
Oak Ridge, OR	Lane, OR	cold	Harney, OR	7
Oak Ridge, OR	Lane, OR	cold	Hood River, OR	0
Oak Ridge, OR	Lane, OR	cold	Humboldt, CA	1
Oak Ridge, OR	Lane, OR	cold	Humboldt, NV	5
Oak Ridge, OR	Lane, OR	cold	Jackson, OR	37
Oak Ridge, OR	Lane, OR	cold	Jefferson, OR	6
Oak Ridge, OR	Lane, OR	cold	Josephine, OR	18
Oak Ridge, OR	Lane, OR	cold	Klamath, OR	98
Oak Ridge, OR	Lane, OR	cold	Klickitat, WA	1
Oak Ridge, OR	Lane, OR	cold	Lake, CA	2
Oak Ridge, OR	Lane, OR	cold	Lake, OR	38
Oak Ridge, OR	Lane, OR	cold	Lander, NV	0
Oak Ridge, OR	Lane, OR	cold	Lane, OR	100
Oak Ridge, OR	Lane, OR	cold	Lassen, CA	6
Oak Ridge, OR	Lane, OR	cold	Lewis, WA	0
Oak Ridge, OR	Lane, OR	cold	Lincoln, OR	13
Oak Ridge, OR	Lane, OR	cold	Linn, OR	29
Oak Ridge, OR	Lane, OR	cold	Lyon, NV	1
Oak Ridge, OR	Lane, OR	cold	Malheur, OR	2
Oak Ridge, OR	Lane, OR	cold	Marion, OR	5
Oak Ridge, OR	Lane, OR	cold	Mendocino, CA	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Oak Ridge, OR	Lane, OR	cold	Mineral, NV	0
Oak Ridge, OR	Lane, OR	cold	Modoc, CA	13
Oak Ridge, OR	Lane, OR	cold	Mono, CA	0
Oak Ridge, OR	Lane, OR	cold	Morrow, OR	2
Oak Ridge, OR	Lane, OR	cold	Multnomah, OR	0
Oak Ridge, OR	Lane, OR	cold	Nevada, CA	10
Oak Ridge, OR	Lane, OR	cold	Nye, NV	0
Oak Ridge, OR	Lane, OR	cold	Owyhee, ID	0
Oak Ridge, OR	Lane, OR	cold	Pacific, WA	0
Oak Ridge, OR	Lane, OR	cold	Payette, ID	0
Oak Ridge, OR	Lane, OR	cold	Pershing, NV	4
Oak Ridge, OR	Lane, OR	cold	Placer, CA	8
Oak Ridge, OR	Lane, OR	cold	Plumas, CA	7
Oak Ridge, OR	Lane, OR	cold	Polk, OR	3
Oak Ridge, OR	Lane, OR	cold	Sacramento, CA	5
Oak Ridge, OR	Lane, OR	cold	Shasta, CA	19
Oak Ridge, OR	Lane, OR	cold	Sherman, OR	2
Oak Ridge, OR	Lane, OR	cold	Sierra, CA	7
Oak Ridge, OR	Lane, OR	cold	Siskiyou, CA	14
Oak Ridge, OR	Lane, OR	cold	Skamania, WA	0
Oak Ridge, OR	Lane, OR	cold	Sonoma, CA	1
Oak Ridge, OR	Lane, OR	cold	Storey, NV	2
Oak Ridge, OR	Lane, OR	cold	Sutter, CA	6
Oak Ridge, OR	Lane, OR	cold	Tehama, CA	11
Oak Ridge, OR	Lane, OR	cold	Tillamook, OR	1
Oak Ridge, OR	Lane, OR	cold	Tooele, UT	0
Oak Ridge, OR	Lane, OR	cold	Trinity, CA	3
Oak Ridge, OR	Lane, OR	cold	Twin Falls, ID	0
Oak Ridge, OR	Lane, OR	cold	Umatilla, OR	1
Oak Ridge, OR	Lane, OR	cold	Union, OR	1
Oak Ridge, OR	Lane, OR	cold	Wahkiakum, WA	0
Oak Ridge, OR	Lane, OR	cold	Walla Walla, WA	1
Oak Ridge, OR	Lane, OR	cold	Wallowa, OR	0
Oak Ridge, OR	Lane, OR	cold	Wasco, OR	2
Oak Ridge, OR	Lane, OR	cold	Washington, ID	0
Oak Ridge, OR	Lane, OR	cold	Washington, OR	1
Oak Ridge, OR	Lane, OR	cold	Washoe, NV	6
Oak Ridge, OR	Lane, OR	cold	Wheeler, OR	4
Oak Ridge, OR	Lane, OR	cold	White Pine, NV	0
Oak Ridge, OR	Lane, OR	cold	Yakima, WA	0
Oak Ridge, OR	Lane, OR	cold	Yamhill, OR	1
Oak Ridge, OR	Lane, OR	cold	Yuba, CA	12
Paducah, KY	McCracken, KY	cold	Alexander, IL	38
Paducah, KY	McCracken, KY	cold	Ballard, KY	76
Paducah, KY	McCracken, KY	cold	Benton, TN	47
Paducah, KY	McCracken, KY	cold	Bollinger, MO	6
Paducah, KY	McCracken, KY	cold	Butler, KY	18
Paducah, KY	McCracken, KY	cold	Butler, MO	6
Paducah, KY	McCracken, KY	cold	Caldwell, KY	53

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Paducah, KY	McCracken, KY	cold	Calloway, KY	82
Paducah, KY	McCracken, KY	cold	Cape Girardeau, MO	14
Paducah, KY	McCracken, KY	cold	Carlisle, KY	87
Paducah, KY	McCracken, KY	cold	Carroll, TN	57
Paducah, KY	McCracken, KY	cold	Cheatham, TN	26
Paducah, KY	McCracken, KY	cold	Chester, TN	31
Paducah, KY	McCracken, KY	cold	Christian, KY	35
Paducah, KY	McCracken, KY	cold	Clay, AR	10
Paducah, KY	McCracken, KY	cold	Craighead, AR	10
Paducah, KY	McCracken, KY	cold	Crittenden, KY	60
Paducah, KY	McCracken, KY	cold	Crockett, TN	51
Paducah, KY	McCracken, KY	cold	Daviess, KY	16
Paducah, KY	McCracken, KY	cold	Decatur, TN	31
Paducah, KY	McCracken, KY	cold	Dickson, TN	29
Paducah, KY	McCracken, KY	cold	Dunklin, MO	19
Paducah, KY	McCracken, KY	cold	Dyer, TN	52
Paducah, KY	McCracken, KY	cold	Edwards, IL	13
Paducah, KY	McCracken, KY	cold	Franklin, IL	25
Paducah, KY	McCracken, KY	cold	Fulton, KY	71
Paducah, KY	McCracken, KY	cold	Gallatin, IL	38
Paducah, KY	McCracken, KY	cold	Gibson, IN	13
Paducah, KY	McCracken, KY	cold	Gibson, TN	64
Paducah, KY	McCracken, KY	cold	Graves, KY	100
Paducah, KY	McCracken, KY	cold	Greene, AR	9
Paducah, KY	McCracken, KY	cold	Hamilton, IL	25
Paducah, KY	McCracken, KY	cold	Hardeman, TN	23
Paducah, KY	McCracken, KY	cold	Hardin, IL	57
Paducah, KY	McCracken, KY	cold	Hardin, TN	22
Paducah, KY	McCracken, KY	cold	Haywood, TN	36
Paducah, KY	McCracken, KY	cold	Henderson, KY	23
Paducah, KY	McCracken, KY	cold	Henderson, TN	38
Paducah, KY	McCracken, KY	cold	Henry, TN	71
Paducah, KY	McCracken, KY	cold	Hickman, KY	88
Paducah, KY	McCracken, KY	cold	Hickman, TN	25
Paducah, KY	McCracken, KY	cold	Hopkins, KY	33
Paducah, KY	McCracken, KY	cold	Houston, TN	39
Paducah, KY	McCracken, KY	cold	Humphreys, TN	36
Paducah, KY	McCracken, KY	cold	Iron, MO	1
Paducah, KY	McCracken, KY	cold	Jackson, IL	19
Paducah, KY	McCracken, KY	cold	Jefferson, IL	17
Paducah, KY	McCracken, KY	cold	Jefferson, MO	4
Paducah, KY	McCracken, KY	cold	Johnson, IL	58
Paducah, KY	McCracken, KY	cold	Lake, TN	49
Paducah, KY	McCracken, KY	cold	Lauderdale, TN	35
Paducah, KY	McCracken, KY	cold	Lewis, TN	21
Paducah, KY	McCracken, KY	cold	Livingston, KY	82
Paducah, KY	McCracken, KY	cold	Logan, KY	23
Paducah, KY	McCracken, KY	cold	Lyon, KY	73
Paducah, KY	McCracken, KY	cold	Madison, MO	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Paducah, KY	McCracken, KY	cold	Madison, TN	41
Paducah, KY	McCracken, KY	cold	Marshall, KY	91
Paducah, KY	McCracken, KY	cold	Massac, IL	85
Paducah, KY	McCracken, KY	cold	McCracken, KY	95
Paducah, KY	McCracken, KY	cold	McLean, KY	22
Paducah, KY	McCracken, KY	cold	Mississippi, AR	22
Paducah, KY	McCracken, KY	cold	Mississippi, MO	57
Paducah, KY	McCracken, KY	cold	Monroe, IL	7
Paducah, KY	McCracken, KY	cold	Montgomery, TN	33
Paducah, KY	McCracken, KY	cold	Muhlenberg, KY	24
Paducah, KY	McCracken, KY	cold	New Madrid, MO	35
Paducah, KY	McCracken, KY	cold	Obion, TN	73
Paducah, KY	McCracken, KY	cold	Ohio, KY	17
Paducah, KY	McCracken, KY	cold	Pemiscot, MO	33
Paducah, KY	McCracken, KY	cold	Perry, IL	16
Paducah, KY	McCracken, KY	cold	Perry, MO	9
Paducah, KY	McCracken, KY	cold	Perry, TN	28
Paducah, KY	McCracken, KY	cold	Pope, IL	71
Paducah, KY	McCracken, KY	cold	Posey, IN	21
Paducah, KY	McCracken, KY	cold	Pulaski, IL	57
Paducah, KY	McCracken, KY	cold	Randolph, IL	9
Paducah, KY	McCracken, KY	cold	Robertson, TN	24
Paducah, KY	McCracken, KY	cold	Saline, IL	43
Paducah, KY	McCracken, KY	cold	Scott, MO	27
Paducah, KY	McCracken, KY	cold	St. Clair, IL	8
Paducah, KY	McCracken, KY	cold	St. Francois, MO	3
Paducah, KY	McCracken, KY	cold	Ste Genevieve, MO	5
Paducah, KY	McCracken, KY	cold	Stewart, TN	49
Paducah, KY	McCracken, KY	cold	Stoddard, MO	14
Paducah, KY	McCracken, KY	cold	Todd, KY	27
Paducah, KY	McCracken, KY	cold	Trigg, KY	56
Paducah, KY	McCracken, KY	cold	Union, IL	34
Paducah, KY	McCracken, KY	cold	Union, KY	37
Paducah, KY	McCracken, KY	cold	Vanderburgh, IN	18
Paducah, KY	McCracken, KY	cold	Wabash, IL	12
Paducah, KY	McCracken, KY	cold	Warrick, IN	13
Paducah, KY	McCracken, KY	cold	Washington, IL	13
Paducah, KY	McCracken, KY	cold	Washington, MO	2
Paducah, KY	McCracken, KY	cold	Wayne, IL	14
Paducah, KY	McCracken, KY	cold	Wayne, MO	3
Paducah, KY	McCracken, KY	cold	Wayne, TN	19
Paducah, KY	McCracken, KY	cold	Weakley, TN	83
Paducah, KY	McCracken, KY	cold	Webster, KY	32
Paducah, KY	McCracken, KY	cold	White, IL	22
Paducah, KY	McCracken, KY	cold	Williamson, IL	37
Paducah, KY	McCracken, KY	warm	Alexander, IL	41
Paducah, KY	McCracken, KY	warm	Ballard, KY	77
Paducah, KY	McCracken, KY	warm	Benton, TN	23
Paducah, KY	McCracken, KY	warm	Bollinger, MO	9

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Paducah, KY	McCracken, KY	warm	Butler, KY	18
Paducah, KY	McCracken, KY	warm	Butler, MO	6
Paducah, KY	McCracken, KY	warm	Caldwell, KY	74
Paducah, KY	McCracken, KY	warm	Calloway, KY	65
Paducah, KY	McCracken, KY	warm	Cape Girardeau, MO	16
Paducah, KY	McCracken, KY	warm	Carlisle, KY	75
Paducah, KY	McCracken, KY	warm	Carroll, TN	20
Paducah, KY	McCracken, KY	warm	Cheatham, TN	10
Paducah, KY	McCracken, KY	warm	Chester, TN	8
Paducah, KY	McCracken, KY	warm	Christian, KY	37
Paducah, KY	McCracken, KY	warm	Clay, AR	5
Paducah, KY	McCracken, KY	warm	Craighead, AR	2
Paducah, KY	McCracken, KY	warm	Crittenden, KY	86
Paducah, KY	McCracken, KY	warm	Crockett, TN	12
Paducah, KY	McCracken, KY	warm	Daviess, KY	42
Paducah, KY	McCracken, KY	warm	Decatur, TN	11
Paducah, KY	McCracken, KY	warm	Dickson, TN	12
Paducah, KY	McCracken, KY	warm	Dunklin, MO	5
Paducah, KY	McCracken, KY	warm	Dyer, TN	13
Paducah, KY	McCracken, KY	warm	Edwards, IL	13
Paducah, KY	McCracken, KY	warm	Franklin, IL	14
Paducah, KY	McCracken, KY	warm	Fulton, KY	41
Paducah, KY	McCracken, KY	warm	Gallatin, IL	52
Paducah, KY	McCracken, KY	warm	Gibson, IN	25
Paducah, KY	McCracken, KY	warm	Gibson, TN	18
Paducah, KY	McCracken, KY	warm	Graves, KY	80
Paducah, KY	McCracken, KY	warm	Greene, AR	3
Paducah, KY	McCracken, KY	warm	Hamilton, IL	18
Paducah, KY	McCracken, KY	warm	Hardeman, TN	5
Paducah, KY	McCracken, KY	warm	Hardin, IL	78
Paducah, KY	McCracken, KY	warm	Hardin, TN	7
Paducah, KY	McCracken, KY	warm	Haywood, TN	8
Paducah, KY	McCracken, KY	warm	Henderson, KY	52
Paducah, KY	McCracken, KY	warm	Henderson, TN	12
Paducah, KY	McCracken, KY	warm	Henry, TN	41
Paducah, KY	McCracken, KY	warm	Hickman, KY	63
Paducah, KY	McCracken, KY	warm	Hickman, TN	9
Paducah, KY	McCracken, KY	warm	Hopkins, KY	56
Paducah, KY	McCracken, KY	warm	Houston, TN	23
Paducah, KY	McCracken, KY	warm	Humphreys, TN	17
Paducah, KY	McCracken, KY	warm	Iron, MO	4
Paducah, KY	McCracken, KY	warm	Jackson, IL	13
Paducah, KY	McCracken, KY	warm	Jefferson, IL	5
Paducah, KY	McCracken, KY	warm	Jefferson, MO	1
Paducah, KY	McCracken, KY	warm	Johnson, IL	61
Paducah, KY	McCracken, KY	warm	Lake, TN	17
Paducah, KY	McCracken, KY	warm	Lauderdale, TN	7
Paducah, KY	McCracken, KY	warm	Lewis, TN	7
Paducah, KY	McCracken, KY	warm	Livingston, KY	100

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Paducah, KY	McCracken, KY	warm	Logan, KY	14
Paducah, KY	McCracken, KY	warm	Lyon, KY	87
Paducah, KY	McCracken, KY	warm	Madison, MO	5
Paducah, KY	McCracken, KY	warm	Madison, TN	10
Paducah, KY	McCracken, KY	warm	Marshall, KY	91
Paducah, KY	McCracken, KY	warm	Massac, IL	94
Paducah, KY	McCracken, KY	warm	McCracken, KY	98
Paducah, KY	McCracken, KY	warm	McLean, KY	47
Paducah, KY	McCracken, KY	warm	Mississippi, AR	4
Paducah, KY	McCracken, KY	warm	Mississippi, MO	46
Paducah, KY	McCracken, KY	warm	Monroe, IL	1
Paducah, KY	McCracken, KY	warm	Montgomery, TN	20
Paducah, KY	McCracken, KY	warm	Muhlenberg, KY	32
Paducah, KY	McCracken, KY	warm	New Madrid, MO	19
Paducah, KY	McCracken, KY	warm	Obion, TN	32
Paducah, KY	McCracken, KY	warm	Ohio, KY	30
Paducah, KY	McCracken, KY	warm	Pemiscot, MO	9
Paducah, KY	McCracken, KY	warm	Perry, IL	5
Paducah, KY	McCracken, KY	warm	Perry, MO	7
Paducah, KY	McCracken, KY	warm	Perry, TN	10
Paducah, KY	McCracken, KY	warm	Pope, IL	82
Paducah, KY	McCracken, KY	warm	Posey, IN	37
Paducah, KY	McCracken, KY	warm	Pulaski, IL	60
Paducah, KY	McCracken, KY	warm	Randolph, IL	3
Paducah, KY	McCracken, KY	warm	Robertson, TN	10
Paducah, KY	McCracken, KY	warm	Saline, IL	45
Paducah, KY	McCracken, KY	warm	Scott, MO	27
Paducah, KY	McCracken, KY	warm	St. Clair, IL	1
Paducah, KY	McCracken, KY	warm	St. Francois, MO	3
Paducah, KY	McCracken, KY	warm	Ste Genevieve, MO	3
Paducah, KY	McCracken, KY	warm	Stewart, TN	36
Paducah, KY	McCracken, KY	warm	Stoddard, MO	12
Paducah, KY	McCracken, KY	warm	Todd, KY	21
Paducah, KY	McCracken, KY	warm	Trigg, KY	57
Paducah, KY	McCracken, KY	warm	Union, IL	35
Paducah, KY	McCracken, KY	warm	Union, KY	65
Paducah, KY	McCracken, KY	warm	Vanderburgh, IN	41
Paducah, KY	McCracken, KY	warm	Wabash, IL	15
Paducah, KY	McCracken, KY	warm	Warrick, IN	37
Paducah, KY	McCracken, KY	warm	Washington, IL	2
Paducah, KY	McCracken, KY	warm	Washington, MO	1
Paducah, KY	McCracken, KY	warm	Wayne, IL	7
Paducah, KY	McCracken, KY	warm	Wayne, MO	7
Paducah, KY	McCracken, KY	warm	Wayne, TN	7
Paducah, KY	McCracken, KY	warm	Weakley, TN	39
Paducah, KY	McCracken, KY	warm	Webster, KY	64
Paducah, KY	McCracken, KY	warm	White, IL	25
Paducah, KY	McCracken, KY	warm	Williamson, IL	31
Parkersburg, WV	Wood, WV	warm	Adams, OH	21

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Parkersburg, WV	Wood, WV	warm	Alleghany, VA	2
Parkersburg, WV	Wood, WV	warm	Allegheny, PA	8
Parkersburg, WV	Wood, WV	warm	Ashland, OH	5
Parkersburg, WV	Wood, WV	warm	Athens, OH	77
Parkersburg, WV	Wood, WV	warm	Barbour, WV	7
Parkersburg, WV	Wood, WV	warm	Bath, VA	1
Parkersburg, WV	Wood, WV	warm	Beaver, PA	8
Parkersburg, WV	Wood, WV	warm	Belmont, OH	21
Parkersburg, WV	Wood, WV	warm	Bland, VA	3
Parkersburg, WV	Wood, WV	warm	Boone, WV	15
Parkersburg, WV	Wood, WV	warm	Boyd, KY	20
Parkersburg, WV	Wood, WV	warm	Braxton, WV	23
Parkersburg, WV	Wood, WV	warm	Brooke, WV	14
Parkersburg, WV	Wood, WV	warm	Brown, OH	17
Parkersburg, WV	Wood, WV	warm	Buchanan, VA	3
Parkersburg, WV	Wood, WV	warm	Cabell, WV	25
Parkersburg, WV	Wood, WV	warm	Calhoun, WV	51
Parkersburg, WV	Wood, WV	warm	Carroll, OH	11
Parkersburg, WV	Wood, WV	warm	Carter, KY	15
Parkersburg, WV	Wood, WV	warm	Champaign, OH	5
Parkersburg, WV	Wood, WV	warm	Clark, OH	6
Parkersburg, WV	Wood, WV	warm	Clay, WV	24
Parkersburg, WV	Wood, WV	warm	Clinton, OH	13
Parkersburg, WV	Wood, WV	warm	Columbiana, OH	8
Parkersburg, WV	Wood, WV	warm	Coshocton, OH	11
Parkersburg, WV	Wood, WV	warm	Delaware, OH	7
Parkersburg, WV	Wood, WV	warm	Doddridge, WV	36
Parkersburg, WV	Wood, WV	warm	Fairfield, OH	18
Parkersburg, WV	Wood, WV	warm	Fayette, OH	12
Parkersburg, WV	Wood, WV	warm	Fayette, PA	7
Parkersburg, WV	Wood, WV	warm	Fayette, WV	12
Parkersburg, WV	Wood, WV	warm	Franklin, OH	9
Parkersburg, WV	Wood, WV	warm	Gallia, OH	46
Parkersburg, WV	Wood, WV	warm	Giles, VA	3
Parkersburg, WV	Wood, WV	warm	Gilmer, WV	40
Parkersburg, WV	Wood, WV	warm	Greenbrier, WV	4
Parkersburg, WV	Wood, WV	warm	Greene, OH	7
Parkersburg, WV	Wood, WV	warm	Greene, PA	14
Parkersburg, WV	Wood, WV	warm	Greenup, KY	22
Parkersburg, WV	Wood, WV	warm	Guernsey, OH	22
Parkersburg, WV	Wood, WV	warm	Hancock, WV	11
Parkersburg, WV	Wood, WV	warm	Harrison, OH	15
Parkersburg, WV	Wood, WV	warm	Harrison, WV	17
Parkersburg, WV	Wood, WV	warm	Highland, OH	20
Parkersburg, WV	Wood, WV	warm	Hocking, OH	37
Parkersburg, WV	Wood, WV	warm	Holmes, OH	7
Parkersburg, WV	Wood, WV	warm	Jackson, OH	41
Parkersburg, WV	Wood, WV	warm	Jackson, WV	66
Parkersburg, WV	Wood, WV	warm	Jefferson, OH	13

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Parkersburg, WV	Wood, WV	warm	Kanawha, WV	27
Parkersburg, WV	Wood, WV	warm	Knox, OH	8
Parkersburg, WV	Wood, WV	warm	Lawrence, KY	12
Parkersburg, WV	Wood, WV	warm	Lawrence, OH	30
Parkersburg, WV	Wood, WV	warm	Lewis, KY	16
Parkersburg, WV	Wood, WV	warm	Lewis, WV	21
Parkersburg, WV	Wood, WV	warm	Licking, OH	12
Parkersburg, WV	Wood, WV	warm	Lincoln, WV	18
Parkersburg, WV	Wood, WV	warm	Logan, WV	11
Parkersburg, WV	Wood, WV	warm	Madison, OH	8
Parkersburg, WV	Wood, WV	warm	Marion, OH	6
Parkersburg, WV	Wood, WV	warm	Marion, WV	14
Parkersburg, WV	Wood, WV	warm	Marshall, WV	21
Parkersburg, WV	Wood, WV	warm	Martin, KY	8
Parkersburg, WV	Wood, WV	warm	Mason, WV	53
Parkersburg, WV	Wood, WV	warm	Mc Dowell, WV	5
Parkersburg, WV	Wood, WV	warm	Meigs, OH	78
Parkersburg, WV	Wood, WV	warm	Mercer, WV	4
Parkersburg, WV	Wood, WV	warm	Mingo, WV	8
Parkersburg, WV	Wood, WV	warm	Monongalia, WV	11
Parkersburg, WV	Wood, WV	warm	Monroe, OH	39
Parkersburg, WV	Wood, WV	warm	Monroe, WV	3
Parkersburg, WV	Wood, WV	warm	Morgan, OH	58
Parkersburg, WV	Wood, WV	warm	Morrow, OH	6
Parkersburg, WV	Wood, WV	warm	Muskingum, OH	23
Parkersburg, WV	Wood, WV	warm	Nicholas, WV	12
Parkersburg, WV	Wood, WV	warm	Noble, OH	47
Parkersburg, WV	Wood, WV	warm	Ohio, WV	16
Parkersburg, WV	Wood, WV	warm	Perry, OH	31
Parkersburg, WV	Wood, WV	warm	Pickaway, OH	16
Parkersburg, WV	Wood, WV	warm	Pike, KY	4
Parkersburg, WV	Wood, WV	warm	Pike, OH	29
Parkersburg, WV	Wood, WV	warm	Pleasants, WV	75
Parkersburg, WV	Wood, WV	warm	Pocahontas, WV	2
Parkersburg, WV	Wood, WV	warm	Preston, WV	5
Parkersburg, WV	Wood, WV	warm	Putnam, WV	35
Parkersburg, WV	Wood, WV	warm	Raleigh, WV	9
Parkersburg, WV	Wood, WV	warm	Randolph, WV	3
Parkersburg, WV	Wood, WV	warm	Richland, OH	5
Parkersburg, WV	Wood, WV	warm	Ritchie, WV	67
Parkersburg, WV	Wood, WV	warm	Roane, WV	51
Parkersburg, WV	Wood, WV	warm	Ross, OH	24
Parkersburg, WV	Wood, WV	warm	Scioto, OH	28
Parkersburg, WV	Wood, WV	warm	Stark, OH	6
Parkersburg, WV	Wood, WV	warm	Summers, WV	5
Parkersburg, WV	Wood, WV	warm	Taylor, WV	9
Parkersburg, WV	Wood, WV	warm	Tazewell, VA	3
Parkersburg, WV	Wood, WV	warm	Tucker, WV	3
Parkersburg, WV	Wood, WV	warm	Tuscarawas, OH	11

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Parkersburg, WV	Wood, WV	warm	Tyler, WV	44
Parkersburg, WV	Wood, WV	warm	Union, OH	6
Parkersburg, WV	Wood, WV	warm	Upshur, WV	9
Parkersburg, WV	Wood, WV	warm	Vinton, OH	47
Parkersburg, WV	Wood, WV	warm	Washington, OH	85
Parkersburg, WV	Wood, WV	warm	Washington, PA	12
Parkersburg, WV	Wood, WV	warm	Wayne, WV	15
Parkersburg, WV	Wood, WV	warm	Webster, WV	8
Parkersburg, WV	Wood, WV	warm	Westmoreland, PA	4
Parkersburg, WV	Wood, WV	warm	Wetzel, WV	26
Parkersburg, WV	Wood, WV	warm	Wirt, WV	82
Parkersburg, WV	Wood, WV	warm	Wood, WV	100
Parkersburg, WV	Wood, WV	warm	Wyoming, WV	7
Philadelphia, PA	Berks, PA	cold	Accomack, VA	4
Philadelphia, PA	Berks, PA	cold	Adams, PA	16
Philadelphia, PA	Berks, PA	cold	Anne Arundel, MD	24
Philadelphia, PA	Berks, PA	cold	Atlantic, NJ	64
Philadelphia, PA	Berks, PA	cold	Baltimore (City), MD	29
Philadelphia, PA	Berks, PA	cold	Baltimore, MD	30
Philadelphia, PA	Berks, PA	cold	Berks, PA	40
Philadelphia, PA	Berks, PA	cold	Bucks, PA	32
Philadelphia, PA	Berks, PA	cold	Burlington, NJ	49
Philadelphia, PA	Berks, PA	cold	Calvert, MD	16
Philadelphia, PA	Berks, PA	cold	Camden, NJ	77
Philadelphia, PA	Berks, PA	cold	Cape May, NJ	62
Philadelphia, PA	Berks, PA	cold	Carbon, PA	9
Philadelphia, PA	Berks, PA	cold	Caroline, MD	35
Philadelphia, PA	Berks, PA	cold	Carroll, MD	18
Philadelphia, PA	Berks, PA	cold	Cecil, MD	76
Philadelphia, PA	Berks, PA	cold	Chester, PA	73
Philadelphia, PA	Berks, PA	cold	Columbia, PA	10
Philadelphia, PA	Berks, PA	cold	Cumberland, NJ	89
Philadelphia, PA	Berks, PA	cold	Cumberland, PA	17
Philadelphia, PA	Berks, PA	cold	Dauphin, PA	27
Philadelphia, PA	Berks, PA	cold	Delaware, PA	85
Philadelphia, PA	Berks, PA	cold	Dorchester, MD	16
Philadelphia, PA	Berks, PA	cold	Franklin, PA	9
Philadelphia, PA	Berks, PA	cold	Frederick, MD	12
Philadelphia, PA	Berks, PA	cold	Gloucester, NJ	91
Philadelphia, PA	Berks, PA	cold	Harford, MD	49
Philadelphia, PA	Berks, PA	cold	Howard, MD	19
Philadelphia, PA	Berks, PA	cold	Hunterdon, NJ	12
Philadelphia, PA	Berks, PA	cold	Huntingdon, PA	9
Philadelphia, PA	Berks, PA	cold	Juniata, PA	15
Philadelphia, PA	Berks, PA	cold	Kent, DE	60
Philadelphia, PA	Berks, PA	cold	Kent, MD	57
Philadelphia, PA	Berks, PA	cold	Lackawanna, PA	2
Philadelphia, PA	Berks, PA	cold	Lancaster, PA	51
Philadelphia, PA	Berks, PA	cold	Lebanon, PA	37

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Philadelphia, PA	Berks, PA	cold	Lehigh, PA	21
Philadelphia, PA	Berks, PA	cold	Luzerne, PA	5
Philadelphia, PA	Berks, PA	cold	Lycoming, PA	7
Philadelphia, PA	Berks, PA	cold	Mercer, NJ	21
Philadelphia, PA	Berks, PA	cold	Middlesex, NJ	9
Philadelphia, PA	Berks, PA	cold	Mifflin, PA	12
Philadelphia, PA	Berks, PA	cold	Monmouth, NJ	11
Philadelphia, PA	Berks, PA	cold	Monroe, PA	3
Philadelphia, PA	Berks, PA	cold	Montgomery, MD	15
Philadelphia, PA	Berks, PA	cold	Montgomery, PA	53
Philadelphia, PA	Berks, PA	cold	Montour, PA	12
Philadelphia, PA	Berks, PA	cold	Morris, NJ	2
Philadelphia, PA	Berks, PA	cold	New Castle, DE	92
Philadelphia, PA	Berks, PA	cold	Northampton, PA	10
Philadelphia, PA	Berks, PA	cold	Northampton, VA	3
Philadelphia, PA	Berks, PA	cold	Northumberland, PA	17
Philadelphia, PA	Berks, PA	cold	Ocean, NJ	25
Philadelphia, PA	Berks, PA	cold	Perry, PA	18
Philadelphia, PA	Berks, PA	cold	Philadelphia, PA	70
Philadelphia, PA	Berks, PA	cold	Prince George's, MD	18
Philadelphia, PA	Berks, PA	cold	Queen Anne's, MD	43
Philadelphia, PA	Berks, PA	cold	Salem, NJ	100
Philadelphia, PA	Berks, PA	cold	Schuylkill, PA	22
Philadelphia, PA	Berks, PA	cold	Snyder, PA	16
Philadelphia, PA	Berks, PA	cold	Somerset, MD	9
Philadelphia, PA	Berks, PA	cold	Somerset, NJ	7
Philadelphia, PA	Berks, PA	cold	Sullivan, PA	4
Philadelphia, PA	Berks, PA	cold	Sussex, DE	31
Philadelphia, PA	Berks, PA	cold	Sussex, NJ	1
Philadelphia, PA	Berks, PA	cold	Talbot, MD	25
Philadelphia, PA	Berks, PA	cold	Union, PA	13
Philadelphia, PA	Berks, PA	cold	Warren, NJ	4
Philadelphia, PA	Berks, PA	cold	Wicomico, MD	15
Philadelphia, PA	Berks, PA	cold	Worcester, MD	14
Philadelphia, PA	Berks, PA	cold	Wyoming, PA	2
Philadelphia, PA	Berks, PA	cold	York, PA	31
Philadelphia, PA	Berks, PA	warm	Accomack, VA	28
Philadelphia, PA	Berks, PA	warm	Adams, PA	52
Philadelphia, PA	Berks, PA	warm	Anne Arundel, MD	65
Philadelphia, PA	Berks, PA	warm	Atlantic, NJ	30
Philadelphia, PA	Berks, PA	warm	Baltimore (City), MD	78
Philadelphia, PA	Berks, PA	warm	Baltimore, MD	80
Philadelphia, PA	Berks, PA	warm	Berks, PA	49
Philadelphia, PA	Berks, PA	warm	Bucks, PA	37
Philadelphia, PA	Berks, PA	warm	Burlington, NJ	33
Philadelphia, PA	Berks, PA	warm	Calvert, MD	48
Philadelphia, PA	Berks, PA	warm	Camden, NJ	52
Philadelphia, PA	Berks, PA	warm	Cape May, NJ	27
Philadelphia, PA	Berks, PA	warm	Carbon, PA	13

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Philadelphia, PA	Berks, PA	warm	Caroline, MD	63
Philadelphia, PA	Berks, PA	warm	Carroll, MD	64
Philadelphia, PA	Berks, PA	warm	Cecil, MD	100
Philadelphia, PA	Berks, PA	warm	Chester, PA	86
Philadelphia, PA	Berks, PA	warm	Columbia, PA	9
Philadelphia, PA	Berks, PA	warm	Cumberland, NJ	55
Philadelphia, PA	Berks, PA	warm	Cumberland, PA	39
Philadelphia, PA	Berks, PA	warm	Dauphin, PA	38
Philadelphia, PA	Berks, PA	warm	Delaware, PA	79
Philadelphia, PA	Berks, PA	warm	Dorchester, MD	48
Philadelphia, PA	Berks, PA	warm	Franklin, PA	36
Philadelphia, PA	Berks, PA	warm	Frederick, MD	48
Philadelphia, PA	Berks, PA	warm	Gloucester, NJ	66
Philadelphia, PA	Berks, PA	warm	Harford, MD	94
Philadelphia, PA	Berks, PA	warm	Howard, MD	61
Philadelphia, PA	Berks, PA	warm	Hunterdon, NJ	18
Philadelphia, PA	Berks, PA	warm	Huntingdon, PA	17
Philadelphia, PA	Berks, PA	warm	Juniata, PA	20
Philadelphia, PA	Berks, PA	warm	Kent, DE	66
Philadelphia, PA	Berks, PA	warm	Kent, MD	90
Philadelphia, PA	Berks, PA	warm	Lackawanna, PA	1
Philadelphia, PA	Berks, PA	warm	Lancaster, PA	78
Philadelphia, PA	Berks, PA	warm	Lebanon, PA	49
Philadelphia, PA	Berks, PA	warm	Lehigh, PA	29
Philadelphia, PA	Berks, PA	warm	Luzerne, PA	6
Philadelphia, PA	Berks, PA	warm	Lycoming, PA	2
Philadelphia, PA	Berks, PA	warm	Mercer, NJ	23
Philadelphia, PA	Berks, PA	warm	Middlesex, NJ	10
Philadelphia, PA	Berks, PA	warm	Mifflin, PA	14
Philadelphia, PA	Berks, PA	warm	Monmouth, NJ	10
Philadelphia, PA	Berks, PA	warm	Monroe, PA	6
Philadelphia, PA	Berks, PA	warm	Montgomery, MD	46
Philadelphia, PA	Berks, PA	warm	Montgomery, PA	56
Philadelphia, PA	Berks, PA	warm	Montour, PA	9
Philadelphia, PA	Berks, PA	warm	Morris, NJ	4
Philadelphia, PA	Berks, PA	warm	New Castle, DE	92
Philadelphia, PA	Berks, PA	warm	Northampton, PA	17
Philadelphia, PA	Berks, PA	warm	Northampton, VA	31
Philadelphia, PA	Berks, PA	warm	Northumberland, PA	16
Philadelphia, PA	Berks, PA	warm	Ocean, NJ	15
Philadelphia, PA	Berks, PA	warm	Perry, PA	28
Philadelphia, PA	Berks, PA	warm	Philadelphia, PA	60
Philadelphia, PA	Berks, PA	warm	Prince George's, MD	47
Philadelphia, PA	Berks, PA	warm	Queen Anne's, MD	77
Philadelphia, PA	Berks, PA	warm	Salem, NJ	78
Philadelphia, PA	Berks, PA	warm	Schuylkill, PA	26
Philadelphia, PA	Berks, PA	warm	Snyder, PA	14
Philadelphia, PA	Berks, PA	warm	Somerset, MD	34
Philadelphia, PA	Berks, PA	warm	Somerset, NJ	11

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Philadelphia, PA	Berks, PA	warm	Sullivan, PA	1
Philadelphia, PA	Berks, PA	warm	Sussex, DE	36
Philadelphia, PA	Berks, PA	warm	Sussex, NJ	2
Philadelphia, PA	Berks, PA	warm	Talbot, MD	61
Philadelphia, PA	Berks, PA	warm	Union, PA	8
Philadelphia, PA	Berks, PA	warm	Warren, NJ	8
Philadelphia, PA	Berks, PA	warm	Wicomico, MD	36
Philadelphia, PA	Berks, PA	warm	Worcester, MD	24
Philadelphia, PA	Berks, PA	warm	Wyoming, PA	1
Philadelphia, PA	Berks, PA	warm	York, PA	69
Philadelphia, PA	Camden, NJ	cold	Accomack, VA	5
Philadelphia, PA	Camden, NJ	cold	Adams, PA	18
Philadelphia, PA	Camden, NJ	cold	Anne Arundel, MD	35
Philadelphia, PA	Camden, NJ	cold	Atlantic, NJ	40
Philadelphia, PA	Camden, NJ	cold	Baltimore (City), MD	36
Philadelphia, PA	Camden, NJ	cold	Baltimore, MD	36
Philadelphia, PA	Camden, NJ	cold	Berks, PA	29
Philadelphia, PA	Camden, NJ	cold	Bucks, PA	39
Philadelphia, PA	Camden, NJ	cold	Burlington, NJ	48
Philadelphia, PA	Camden, NJ	cold	Calvert, MD	31
Philadelphia, PA	Camden, NJ	cold	Camden, NJ	78
Philadelphia, PA	Camden, NJ	cold	Cape May, NJ	32
Philadelphia, PA	Camden, NJ	cold	Carbon, PA	6
Philadelphia, PA	Camden, NJ	cold	Caroline, MD	38
Philadelphia, PA	Camden, NJ	cold	Carroll, MD	21
Philadelphia, PA	Camden, NJ	cold	Cecil, MD	80
Philadelphia, PA	Camden, NJ	cold	Chester, PA	79
Philadelphia, PA	Camden, NJ	cold	Columbia, PA	9
Philadelphia, PA	Camden, NJ	cold	Cumberland, NJ	63
Philadelphia, PA	Camden, NJ	cold	Cumberland, PA	17
Philadelphia, PA	Camden, NJ	cold	Dauphin, PA	21
Philadelphia, PA	Camden, NJ	cold	Delaware, PA	100
Philadelphia, PA	Camden, NJ	cold	Dorchester, MD	25
Philadelphia, PA	Camden, NJ	cold	Franklin, PA	11
Philadelphia, PA	Camden, NJ	cold	Frederick, MD	13
Philadelphia, PA	Camden, NJ	cold	Gloucester, NJ	92
Philadelphia, PA	Camden, NJ	cold	Harford, MD	54
Philadelphia, PA	Camden, NJ	cold	Howard, MD	23
Philadelphia, PA	Camden, NJ	cold	Hunterdon, NJ	16
Philadelphia, PA	Camden, NJ	cold	Huntingdon, PA	8
Philadelphia, PA	Camden, NJ	cold	Juniata, PA	13
Philadelphia, PA	Camden, NJ	cold	Kent, DE	50
Philadelphia, PA	Camden, NJ	cold	Kent, MD	61
Philadelphia, PA	Camden, NJ	cold	Lackawanna, PA	1
Philadelphia, PA	Camden, NJ	cold	Lancaster, PA	47
Philadelphia, PA	Camden, NJ	cold	Lebanon, PA	26
Philadelphia, PA	Camden, NJ	cold	Lehigh, PA	15
Philadelphia, PA	Camden, NJ	cold	Luzerne, PA	4
Philadelphia, PA	Camden, NJ	cold	Lycoming, PA	5

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Philadelphia, PA	Camden, NJ	cold	Mercer, NJ	29
Philadelphia, PA	Camden, NJ	cold	Middlesex, NJ	14
Philadelphia, PA	Camden, NJ	cold	Mifflin, PA	10
Philadelphia, PA	Camden, NJ	cold	Monmouth, NJ	14
Philadelphia, PA	Camden, NJ	cold	Monroe, PA	3
Philadelphia, PA	Camden, NJ	cold	Montgomery, MD	16
Philadelphia, PA	Camden, NJ	cold	Montgomery, PA	59
Philadelphia, PA	Camden, NJ	cold	Montour, PA	11
Philadelphia, PA	Camden, NJ	cold	Morris, NJ	7
Philadelphia, PA	Camden, NJ	cold	New Castle, DE	94
Philadelphia, PA	Camden, NJ	cold	Northampton, PA	9
Philadelphia, PA	Camden, NJ	cold	Northampton, VA	5
Philadelphia, PA	Camden, NJ	cold	Northumberland, PA	14
Philadelphia, PA	Camden, NJ	cold	Ocean, NJ	21
Philadelphia, PA	Camden, NJ	cold	Perry, PA	16
Philadelphia, PA	Camden, NJ	cold	Philadelphia, PA	86
Philadelphia, PA	Camden, NJ	cold	Prince George's, MD	27
Philadelphia, PA	Camden, NJ	cold	Queen Anne's, MD	49
Philadelphia, PA	Camden, NJ	cold	Salem, NJ	94
Philadelphia, PA	Camden, NJ	cold	Schuylkill, PA	15
Philadelphia, PA	Camden, NJ	cold	Snyder, PA	14
Philadelphia, PA	Camden, NJ	cold	Somerset, MD	11
Philadelphia, PA	Camden, NJ	cold	Somerset, NJ	13
Philadelphia, PA	Camden, NJ	cold	Sullivan, PA	3
Philadelphia, PA	Camden, NJ	cold	Sussex, DE	21
Philadelphia, PA	Camden, NJ	cold	Sussex, NJ	4
Philadelphia, PA	Camden, NJ	cold	Talbot, MD	36
Philadelphia, PA	Camden, NJ	cold	Union, PA	12
Philadelphia, PA	Camden, NJ	cold	Warren, NJ	6
Philadelphia, PA	Camden, NJ	cold	Wicomico, MD	15
Philadelphia, PA	Camden, NJ	cold	Worcester, MD	8
Philadelphia, PA	Camden, NJ	cold	Wyoming, PA	1
Philadelphia, PA	Camden, NJ	cold	York, PA	32
Philadelphia, PA	Camden, NJ	warm	Accomack, VA	25
Philadelphia, PA	Camden, NJ	warm	Adams, PA	35
Philadelphia, PA	Camden, NJ	warm	Anne Arundel, MD	63
Philadelphia, PA	Camden, NJ	warm	Atlantic, NJ	25
Philadelphia, PA	Camden, NJ	warm	Baltimore (City), MD	71
Philadelphia, PA	Camden, NJ	warm	Baltimore, MD	70
Philadelphia, PA	Camden, NJ	warm	Berks, PA	24
Philadelphia, PA	Camden, NJ	warm	Bucks, PA	26
Philadelphia, PA	Camden, NJ	warm	Burlington, NJ	28
Philadelphia, PA	Camden, NJ	warm	Calvert, MD	48
Philadelphia, PA	Camden, NJ	warm	Camden, NJ	52
Philadelphia, PA	Camden, NJ	warm	Cape May, NJ	21
Philadelphia, PA	Camden, NJ	warm	Carbon, PA	3
Philadelphia, PA	Camden, NJ	warm	Caroline, MD	59
Philadelphia, PA	Camden, NJ	warm	Carroll, MD	52
Philadelphia, PA	Camden, NJ	warm	Cecil, MD	100

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Philadelphia, PA	Camden, NJ	warm	Chester, PA	77
Philadelphia, PA	Camden, NJ	warm	Columbia, PA	3
Philadelphia, PA	Camden, NJ	warm	Cumberland, NJ	52
Philadelphia, PA	Camden, NJ	warm	Cumberland, PA	20
Philadelphia, PA	Camden, NJ	warm	Dauphin, PA	15
Philadelphia, PA	Camden, NJ	warm	Delaware, PA	80
Philadelphia, PA	Camden, NJ	warm	Dorchester, MD	47
Philadelphia, PA	Camden, NJ	warm	Franklin, PA	24
Philadelphia, PA	Camden, NJ	warm	Frederick, MD	42
Philadelphia, PA	Camden, NJ	warm	Gloucester, NJ	69
Philadelphia, PA	Camden, NJ	warm	Harford, MD	87
Philadelphia, PA	Camden, NJ	warm	Howard, MD	56
Philadelphia, PA	Camden, NJ	warm	Hunterdon, NJ	9
Philadelphia, PA	Camden, NJ	warm	Huntingdon, PA	8
Philadelphia, PA	Camden, NJ	warm	Juniata, PA	7
Philadelphia, PA	Camden, NJ	warm	Kent, DE	61
Philadelphia, PA	Camden, NJ	warm	Kent, MD	90
Philadelphia, PA	Camden, NJ	warm	Lackawanna, PA	1
Philadelphia, PA	Camden, NJ	warm	Lancaster, PA	55
Philadelphia, PA	Camden, NJ	warm	Lebanon, PA	21
Philadelphia, PA	Camden, NJ	warm	Lehigh, PA	11
Philadelphia, PA	Camden, NJ	warm	Luzerne, PA	2
Philadelphia, PA	Camden, NJ	warm	Lycoming, PA	2
Philadelphia, PA	Camden, NJ	warm	Mercer, NJ	16
Philadelphia, PA	Camden, NJ	warm	Middlesex, NJ	5
Philadelphia, PA	Camden, NJ	warm	Mifflin, PA	5
Philadelphia, PA	Camden, NJ	warm	Monmouth, NJ	5
Philadelphia, PA	Camden, NJ	warm	Monroe, PA	1
Philadelphia, PA	Camden, NJ	warm	Montgomery, MD	44
Philadelphia, PA	Camden, NJ	warm	Montgomery, PA	45
Philadelphia, PA	Camden, NJ	warm	Montour, PA	3
Philadelphia, PA	Camden, NJ	warm	Morris, NJ	1
Philadelphia, PA	Camden, NJ	warm	New Castle, DE	96
Philadelphia, PA	Camden, NJ	warm	Northampton, PA	5
Philadelphia, PA	Camden, NJ	warm	Northampton, VA	26
Philadelphia, PA	Camden, NJ	warm	Northumberland, PA	5
Philadelphia, PA	Camden, NJ	warm	Ocean, NJ	9
Philadelphia, PA	Camden, NJ	warm	Perry, PA	11
Philadelphia, PA	Camden, NJ	warm	Philadelphia, PA	60
Philadelphia, PA	Camden, NJ	warm	Prince George's, MD	46
Philadelphia, PA	Camden, NJ	warm	Queen Anne's, MD	76
Philadelphia, PA	Camden, NJ	warm	Salem, NJ	82
Philadelphia, PA	Camden, NJ	warm	Schuylkill, PA	7
Philadelphia, PA	Camden, NJ	warm	Snyder, PA	5
Philadelphia, PA	Camden, NJ	warm	Somerset, MD	32
Philadelphia, PA	Camden, NJ	warm	Somerset, NJ	5
Philadelphia, PA	Camden, NJ	warm	Sullivan, PA	2
Philadelphia, PA	Camden, NJ	warm	Sussex, DE	30
Philadelphia, PA	Camden, NJ	warm	Sussex, NJ	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Philadelphia, PA	Camden, NJ	warm	Talbot, MD	60
Philadelphia, PA	Camden, NJ	warm	Union, PA	3
Philadelphia, PA	Camden, NJ	warm	Warren, NJ	2
Philadelphia, PA	Camden, NJ	warm	Wicomico, MD	32
Philadelphia, PA	Camden, NJ	warm	Worcester, MD	21
Philadelphia, PA	Camden, NJ	warm	Wyoming, PA	1
Philadelphia, PA	Camden, NJ	warm	York, PA	47
Philadelphia, PA	New Castle, DE	cold	Accomack, VA	8
Philadelphia, PA	New Castle, DE	cold	Adams, PA	19
Philadelphia, PA	New Castle, DE	cold	Anne Arundel, MD	34
Philadelphia, PA	New Castle, DE	cold	Atlantic, NJ	39
Philadelphia, PA	New Castle, DE	cold	Baltimore (City), MD	40
Philadelphia, PA	New Castle, DE	cold	Baltimore, MD	41
Philadelphia, PA	New Castle, DE	cold	Berks, PA	33
Philadelphia, PA	New Castle, DE	cold	Bucks, PA	43
Philadelphia, PA	New Castle, DE	cold	Burlington, NJ	48
Philadelphia, PA	New Castle, DE	cold	Calvert, MD	25
Philadelphia, PA	New Castle, DE	cold	Camden, NJ	75
Philadelphia, PA	New Castle, DE	cold	Cape May, NJ	33
Philadelphia, PA	New Castle, DE	cold	Carbon, PA	7
Philadelphia, PA	New Castle, DE	cold	Caroline, MD	39
Philadelphia, PA	New Castle, DE	cold	Carroll, MD	23
Philadelphia, PA	New Castle, DE	cold	Cecil, MD	89
Philadelphia, PA	New Castle, DE	cold	Chester, PA	85
Philadelphia, PA	New Castle, DE	cold	Columbia, PA	10
Philadelphia, PA	New Castle, DE	cold	Cumberland, NJ	63
Philadelphia, PA	New Castle, DE	cold	Cumberland, PA	20
Philadelphia, PA	New Castle, DE	cold	Dauphin, PA	27
Philadelphia, PA	New Castle, DE	cold	Delaware, PA	100
Philadelphia, PA	New Castle, DE	cold	Dorchester, MD	24
Philadelphia, PA	New Castle, DE	cold	Franklin, PA	11
Philadelphia, PA	New Castle, DE	cold	Frederick, MD	13
Philadelphia, PA	New Castle, DE	cold	Gloucester, NJ	90
Philadelphia, PA	New Castle, DE	cold	Harford, MD	64
Philadelphia, PA	New Castle, DE	cold	Howard, MD	25
Philadelphia, PA	New Castle, DE	cold	Hunterdon, NJ	19
Philadelphia, PA	New Castle, DE	cold	Huntingdon, PA	10
Philadelphia, PA	New Castle, DE	cold	Juniata, PA	18
Philadelphia, PA	New Castle, DE	cold	Kent, DE	52
Philadelphia, PA	New Castle, DE	cold	Kent, MD	65
Philadelphia, PA	New Castle, DE	cold	Lackawanna, PA	1
Philadelphia, PA	New Castle, DE	cold	Lancaster, PA	55
Philadelphia, PA	New Castle, DE	cold	Lebanon, PA	31
Philadelphia, PA	New Castle, DE	cold	Lehigh, PA	19
Philadelphia, PA	New Castle, DE	cold	Luzerne, PA	5
Philadelphia, PA	New Castle, DE	cold	Lycoming, PA	6
Philadelphia, PA	New Castle, DE	cold	Mercer, NJ	33
Philadelphia, PA	New Castle, DE	cold	Middlesex, NJ	17
Philadelphia, PA	New Castle, DE	cold	Mifflin, PA	15

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Philadelphia, PA	New Castle, DE	cold	Monmouth, NJ	17
Philadelphia, PA	New Castle, DE	cold	Monroe, PA	4
Philadelphia, PA	New Castle, DE	cold	Montgomery, MD	17
Philadelphia, PA	New Castle, DE	cold	Montgomery, PA	62
Philadelphia, PA	New Castle, DE	cold	Montour, PA	13
Philadelphia, PA	New Castle, DE	cold	Morris, NJ	7
Philadelphia, PA	New Castle, DE	cold	New Castle, DE	99
Philadelphia, PA	New Castle, DE	cold	Northampton, PA	11
Philadelphia, PA	New Castle, DE	cold	Northampton, VA	6
Philadelphia, PA	New Castle, DE	cold	Northumberland, PA	17
Philadelphia, PA	New Castle, DE	cold	Ocean, NJ	23
Philadelphia, PA	New Castle, DE	cold	Perry, PA	21
Philadelphia, PA	New Castle, DE	cold	Philadelphia, PA	85
Philadelphia, PA	New Castle, DE	cold	Prince George's, MD	24
Philadelphia, PA	New Castle, DE	cold	Queen Anne's, MD	50
Philadelphia, PA	New Castle, DE	cold	Salem, NJ	95
Philadelphia, PA	New Castle, DE	cold	Schuylkill, PA	17
Philadelphia, PA	New Castle, DE	cold	Snyder, PA	19
Philadelphia, PA	New Castle, DE	cold	Somerset, MD	14
Philadelphia, PA	New Castle, DE	cold	Somerset, NJ	15
Philadelphia, PA	New Castle, DE	cold	Sullivan, PA	3
Philadelphia, PA	New Castle, DE	cold	Sussex, DE	27
Philadelphia, PA	New Castle, DE	cold	Sussex, NJ	4
Philadelphia, PA	New Castle, DE	cold	Talbot, MD	34
Philadelphia, PA	New Castle, DE	cold	Union, PA	15
Philadelphia, PA	New Castle, DE	cold	Warren, NJ	7
Philadelphia, PA	New Castle, DE	cold	Wicomico, MD	19
Philadelphia, PA	New Castle, DE	cold	Worcester, MD	14
Philadelphia, PA	New Castle, DE	cold	Wyoming, PA	2
Philadelphia, PA	New Castle, DE	cold	York, PA	37
Philadelphia, PA	New Castle, DE	warm	Accomack, VA	30
Philadelphia, PA	New Castle, DE	warm	Adams, PA	27
Philadelphia, PA	New Castle, DE	warm	Anne Arundel, MD	63
Philadelphia, PA	New Castle, DE	warm	Atlantic, NJ	23
Philadelphia, PA	New Castle, DE	warm	Baltimore (City), MD	72
Philadelphia, PA	New Castle, DE	warm	Baltimore, MD	70
Philadelphia, PA	New Castle, DE	warm	Berks, PA	25
Philadelphia, PA	New Castle, DE	warm	Bucks, PA	22
Philadelphia, PA	New Castle, DE	warm	Burlington, NJ	23
Philadelphia, PA	New Castle, DE	warm	Calvert, MD	47
Philadelphia, PA	New Castle, DE	warm	Camden, NJ	43
Philadelphia, PA	New Castle, DE	warm	Cape May, NJ	22
Philadelphia, PA	New Castle, DE	warm	Carbon, PA	6
Philadelphia, PA	New Castle, DE	warm	Caroline, MD	62
Philadelphia, PA	New Castle, DE	warm	Carroll, MD	47
Philadelphia, PA	New Castle, DE	warm	Cecil, MD	100
Philadelphia, PA	New Castle, DE	warm	Chester, PA	72
Philadelphia, PA	New Castle, DE	warm	Columbia, PA	6
Philadelphia, PA	New Castle, DE	warm	Cumberland, NJ	50

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Philadelphia, PA	New Castle, DE	warm	Cumberland, PA	14
Philadelphia, PA	New Castle, DE	warm	Dauphin, PA	14
Philadelphia, PA	New Castle, DE	warm	Delaware, PA	69
Philadelphia, PA	New Castle, DE	warm	Dorchester, MD	49
Philadelphia, PA	New Castle, DE	warm	Franklin, PA	16
Philadelphia, PA	New Castle, DE	warm	Frederick, MD	34
Philadelphia, PA	New Castle, DE	warm	Gloucester, NJ	59
Philadelphia, PA	New Castle, DE	warm	Harford, MD	89
Philadelphia, PA	New Castle, DE	warm	Howard, MD	53
Philadelphia, PA	New Castle, DE	warm	Hunterdon, NJ	9
Philadelphia, PA	New Castle, DE	warm	Huntingdon, PA	4
Philadelphia, PA	New Castle, DE	warm	Juniata, PA	5
Philadelphia, PA	New Castle, DE	warm	Kent, DE	64
Philadelphia, PA	New Castle, DE	warm	Kent, MD	91
Philadelphia, PA	New Castle, DE	warm	Lackawanna, PA	3
Philadelphia, PA	New Castle, DE	warm	Lancaster, PA	55
Philadelphia, PA	New Castle, DE	warm	Lebanon, PA	21
Philadelphia, PA	New Castle, DE	warm	Lehigh, PA	13
Philadelphia, PA	New Castle, DE	warm	Luzerne, PA	5
Philadelphia, PA	New Castle, DE	warm	Lycoming, PA	6
Philadelphia, PA	New Castle, DE	warm	Mercer, NJ	13
Philadelphia, PA	New Castle, DE	warm	Middlesex, NJ	5
Philadelphia, PA	New Castle, DE	warm	Mifflin, PA	4
Philadelphia, PA	New Castle, DE	warm	Monmouth, NJ	4
Philadelphia, PA	New Castle, DE	warm	Monroe, PA	3
Philadelphia, PA	New Castle, DE	warm	Montgomery, MD	40
Philadelphia, PA	New Castle, DE	warm	Montgomery, PA	39
Philadelphia, PA	New Castle, DE	warm	Montour, PA	6
Philadelphia, PA	New Castle, DE	warm	Morris, NJ	1
Philadelphia, PA	New Castle, DE	warm	New Castle, DE	92
Philadelphia, PA	New Castle, DE	warm	Northampton, PA	7
Philadelphia, PA	New Castle, DE	warm	Northampton, VA	30
Philadelphia, PA	New Castle, DE	warm	Northumberland, PA	6
Philadelphia, PA	New Castle, DE	warm	Ocean, NJ	8
Philadelphia, PA	New Castle, DE	warm	Perry, PA	8
Philadelphia, PA	New Castle, DE	warm	Philadelphia, PA	49
Philadelphia, PA	New Castle, DE	warm	Prince George's, MD	44
Philadelphia, PA	New Castle, DE	warm	Queen Anne's, MD	78
Philadelphia, PA	New Castle, DE	warm	Salem, NJ	75
Philadelphia, PA	New Castle, DE	warm	Schuylkill, PA	10
Philadelphia, PA	New Castle, DE	warm	Snyder, PA	5
Philadelphia, PA	New Castle, DE	warm	Somerset, MD	37
Philadelphia, PA	New Castle, DE	warm	Somerset, NJ	5
Philadelphia, PA	New Castle, DE	warm	Sullivan, PA	6
Philadelphia, PA	New Castle, DE	warm	Sussex, DE	35
Philadelphia, PA	New Castle, DE	warm	Sussex, NJ	1
Philadelphia, PA	New Castle, DE	warm	Talbot, MD	61
Philadelphia, PA	New Castle, DE	warm	Union, PA	5
Philadelphia, PA	New Castle, DE	warm	Warren, NJ	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Philadelphia, PA	New Castle, DE	warm	Wicomico, MD	37
Philadelphia, PA	New Castle, DE	warm	Worcester, MD	26
Philadelphia, PA	New Castle, DE	warm	Wyoming, PA	5
Philadelphia, PA	New Castle, DE	warm	York, PA	45
Philadelphia, PA	Philadelphia, PA	cold	Accomack, VA	13
Philadelphia, PA	Philadelphia, PA	cold	Adams, PA	16
Philadelphia, PA	Philadelphia, PA	cold	Anne Arundel, MD	27
Philadelphia, PA	Philadelphia, PA	cold	Atlantic, NJ	47
Philadelphia, PA	Philadelphia, PA	cold	Baltimore (City), MD	29
Philadelphia, PA	Philadelphia, PA	cold	Baltimore, MD	30
Philadelphia, PA	Philadelphia, PA	cold	Berks, PA	30
Philadelphia, PA	Philadelphia, PA	cold	Bucks, PA	41
Philadelphia, PA	Philadelphia, PA	cold	Burlington, NJ	52
Philadelphia, PA	Philadelphia, PA	cold	Calvert, MD	21
Philadelphia, PA	Philadelphia, PA	cold	Camden, NJ	81
Philadelphia, PA	Philadelphia, PA	cold	Cape May, NJ	42
Philadelphia, PA	Philadelphia, PA	cold	Carbon, PA	6
Philadelphia, PA	Philadelphia, PA	cold	Caroline, MD	43
Philadelphia, PA	Philadelphia, PA	cold	Carroll, MD	17
Philadelphia, PA	Philadelphia, PA	cold	Cecil, MD	81
Philadelphia, PA	Philadelphia, PA	cold	Chester, PA	80
Philadelphia, PA	Philadelphia, PA	cold	Columbia, PA	9
Philadelphia, PA	Philadelphia, PA	cold	Cumberland, NJ	73
Philadelphia, PA	Philadelphia, PA	cold	Cumberland, PA	17
Philadelphia, PA	Philadelphia, PA	cold	Dauphin, PA	24
Philadelphia, PA	Philadelphia, PA	cold	Delaware, PA	100
Philadelphia, PA	Philadelphia, PA	cold	Dorchester, MD	26
Philadelphia, PA	Philadelphia, PA	cold	Franklin, PA	10
Philadelphia, PA	Philadelphia, PA	cold	Frederick, MD	10
Philadelphia, PA	Philadelphia, PA	cold	Gloucester, NJ	95
Philadelphia, PA	Philadelphia, PA	cold	Harford, MD	51
Philadelphia, PA	Philadelphia, PA	cold	Howard, MD	18
Philadelphia, PA	Philadelphia, PA	cold	Hunterdon, NJ	17
Philadelphia, PA	Philadelphia, PA	cold	Huntingdon, PA	10
Philadelphia, PA	Philadelphia, PA	cold	Juniata, PA	17
Philadelphia, PA	Philadelphia, PA	cold	Kent, DE	59
Philadelphia, PA	Philadelphia, PA	cold	Kent, MD	61
Philadelphia, PA	Philadelphia, PA	cold	Lackawanna, PA	1
Philadelphia, PA	Philadelphia, PA	cold	Lancaster, PA	47
Philadelphia, PA	Philadelphia, PA	cold	Lebanon, PA	28
Philadelphia, PA	Philadelphia, PA	cold	Lehigh, PA	17
Philadelphia, PA	Philadelphia, PA	cold	Luzerne, PA	4
Philadelphia, PA	Philadelphia, PA	cold	Lycoming, PA	6
Philadelphia, PA	Philadelphia, PA	cold	Mercer, NJ	32
Philadelphia, PA	Philadelphia, PA	cold	Middlesex, NJ	16
Philadelphia, PA	Philadelphia, PA	cold	Mifflin, PA	14
Philadelphia, PA	Philadelphia, PA	cold	Monmouth, NJ	17
Philadelphia, PA	Philadelphia, PA	cold	Monroe, PA	3
Philadelphia, PA	Philadelphia, PA	cold	Montgomery, MD	12

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Philadelphia, PA	Philadelphia, PA	cold	Montgomery, PA	61
Philadelphia, PA	Philadelphia, PA	cold	Montour, PA	12
Philadelphia, PA	Philadelphia, PA	cold	Morris, NJ	7
Philadelphia, PA	Philadelphia, PA	cold	New Castle, DE	98
Philadelphia, PA	Philadelphia, PA	cold	Northampton, PA	10
Philadelphia, PA	Philadelphia, PA	cold	Northampton, VA	11
Philadelphia, PA	Philadelphia, PA	cold	Northumberland, PA	16
Philadelphia, PA	Philadelphia, PA	cold	Ocean, NJ	25
Philadelphia, PA	Philadelphia, PA	cold	Perry, PA	18
Philadelphia, PA	Philadelphia, PA	cold	Philadelphia, PA	87
Philadelphia, PA	Philadelphia, PA	cold	Prince George's, MD	18
Philadelphia, PA	Philadelphia, PA	cold	Queen Anne's, MD	50
Philadelphia, PA	Philadelphia, PA	cold	Salem, NJ	99
Philadelphia, PA	Philadelphia, PA	cold	Schuylkill, PA	16
Philadelphia, PA	Philadelphia, PA	cold	Snyder, PA	17
Philadelphia, PA	Philadelphia, PA	cold	Somerset, MD	19
Philadelphia, PA	Philadelphia, PA	cold	Somerset, NJ	14
Philadelphia, PA	Philadelphia, PA	cold	Sullivan, PA	3
Philadelphia, PA	Philadelphia, PA	cold	Sussex, DE	34
Philadelphia, PA	Philadelphia, PA	cold	Sussex, NJ	4
Philadelphia, PA	Philadelphia, PA	cold	Talbot, MD	35
Philadelphia, PA	Philadelphia, PA	cold	Union, PA	14
Philadelphia, PA	Philadelphia, PA	cold	Warren, NJ	6
Philadelphia, PA	Philadelphia, PA	cold	Wicomico, MD	25
Philadelphia, PA	Philadelphia, PA	cold	Worcester, MD	21
Philadelphia, PA	Philadelphia, PA	cold	Wyoming, PA	1
Philadelphia, PA	Philadelphia, PA	cold	York, PA	30
Philadelphia, PA	Philadelphia, PA	warm	Accomack, VA	23
Philadelphia, PA	Philadelphia, PA	warm	Adams, PA	25
Philadelphia, PA	Philadelphia, PA	warm	Anne Arundel, MD	59
Philadelphia, PA	Philadelphia, PA	warm	Atlantic, NJ	21
Philadelphia, PA	Philadelphia, PA	warm	Baltimore (City), MD	64
Philadelphia, PA	Philadelphia, PA	warm	Baltimore, MD	62
Philadelphia, PA	Philadelphia, PA	warm	Berks, PA	22
Philadelphia, PA	Philadelphia, PA	warm	Bucks, PA	26
Philadelphia, PA	Philadelphia, PA	warm	Burlington, NJ	25
Philadelphia, PA	Philadelphia, PA	warm	Calvert, MD	45
Philadelphia, PA	Philadelphia, PA	warm	Camden, NJ	50
Philadelphia, PA	Philadelphia, PA	warm	Cape May, NJ	16
Philadelphia, PA	Philadelphia, PA	warm	Carbon, PA	4
Philadelphia, PA	Philadelphia, PA	warm	Caroline, MD	57
Philadelphia, PA	Philadelphia, PA	warm	Carroll, MD	40
Philadelphia, PA	Philadelphia, PA	warm	Cecil, MD	100
Philadelphia, PA	Philadelphia, PA	warm	Chester, PA	76
Philadelphia, PA	Philadelphia, PA	warm	Columbia, PA	5
Philadelphia, PA	Philadelphia, PA	warm	Cumberland, NJ	48
Philadelphia, PA	Philadelphia, PA	warm	Cumberland, PA	14
Philadelphia, PA	Philadelphia, PA	warm	Dauphin, PA	12
Philadelphia, PA	Philadelphia, PA	warm	Delaware, PA	82

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Philadelphia, PA	Philadelphia, PA	warm	Dorchester, MD	45
Philadelphia, PA	Philadelphia, PA	warm	Franklin, PA	16
Philadelphia, PA	Philadelphia, PA	warm	Frederick, MD	31
Philadelphia, PA	Philadelphia, PA	warm	Gloucester, NJ	68
Philadelphia, PA	Philadelphia, PA	warm	Harford, MD	82
Philadelphia, PA	Philadelphia, PA	warm	Howard, MD	46
Philadelphia, PA	Philadelphia, PA	warm	Hunterdon, NJ	9
Philadelphia, PA	Philadelphia, PA	warm	Huntingdon, PA	6
Philadelphia, PA	Philadelphia, PA	warm	Juniata, PA	7
Philadelphia, PA	Philadelphia, PA	warm	Kent, DE	59
Philadelphia, PA	Philadelphia, PA	warm	Kent, MD	89
Philadelphia, PA	Philadelphia, PA	warm	Lackawanna, PA	2
Philadelphia, PA	Philadelphia, PA	warm	Lancaster, PA	49
Philadelphia, PA	Philadelphia, PA	warm	Lebanon, PA	17
Philadelphia, PA	Philadelphia, PA	warm	Lehigh, PA	11
Philadelphia, PA	Philadelphia, PA	warm	Luzerne, PA	4
Philadelphia, PA	Philadelphia, PA	warm	Lycoming, PA	5
Philadelphia, PA	Philadelphia, PA	warm	Mercer, NJ	14
Philadelphia, PA	Philadelphia, PA	warm	Middlesex, NJ	4
Philadelphia, PA	Philadelphia, PA	warm	Mifflin, PA	6
Philadelphia, PA	Philadelphia, PA	warm	Monmouth, NJ	4
Philadelphia, PA	Philadelphia, PA	warm	Monroe, PA	2
Philadelphia, PA	Philadelphia, PA	warm	Montgomery, MD	36
Philadelphia, PA	Philadelphia, PA	warm	Montgomery, PA	45
Philadelphia, PA	Philadelphia, PA	warm	Montour, PA	5
Philadelphia, PA	Philadelphia, PA	warm	Morris, NJ	1
Philadelphia, PA	Philadelphia, PA	warm	New Castle, DE	98
Philadelphia, PA	Philadelphia, PA	warm	Northampton, PA	6
Philadelphia, PA	Philadelphia, PA	warm	Northampton, VA	26
Philadelphia, PA	Philadelphia, PA	warm	Northumberland, PA	6
Philadelphia, PA	Philadelphia, PA	warm	Ocean, NJ	7
Philadelphia, PA	Philadelphia, PA	warm	Perry, PA	9
Philadelphia, PA	Philadelphia, PA	warm	Philadelphia, PA	60
Philadelphia, PA	Philadelphia, PA	warm	Prince George's, MD	41
Philadelphia, PA	Philadelphia, PA	warm	Queen Anne's, MD	75
Philadelphia, PA	Philadelphia, PA	warm	Salem, NJ	82
Philadelphia, PA	Philadelphia, PA	warm	Schuylkill, PA	8
Philadelphia, PA	Philadelphia, PA	warm	Snyder, PA	6
Philadelphia, PA	Philadelphia, PA	warm	Somerset, MD	30
Philadelphia, PA	Philadelphia, PA	warm	Somerset, NJ	4
Philadelphia, PA	Philadelphia, PA	warm	Sullivan, PA	4
Philadelphia, PA	Philadelphia, PA	warm	Sussex, DE	27
Philadelphia, PA	Philadelphia, PA	warm	Sussex, NJ	0
Philadelphia, PA	Philadelphia, PA	warm	Talbot, MD	59
Philadelphia, PA	Philadelphia, PA	warm	Union, PA	5
Philadelphia, PA	Philadelphia, PA	warm	Warren, NJ	2
Philadelphia, PA	Philadelphia, PA	warm	Wicomico, MD	29
Philadelphia, PA	Philadelphia, PA	warm	Worcester, MD	18
Philadelphia, PA	Philadelphia, PA	warm	Wyoming, PA	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Philadelphia, PA	Philadelphia, PA	warm	York, PA	38
Pinehurst, ID	Shoshone, ID	cold	Ada, ID	16
Pinehurst, ID	Shoshone, ID	cold	Adams, ID	23
Pinehurst, ID	Shoshone, ID	cold	Adams, WA	12
Pinehurst, ID	Shoshone, ID	cold	Asotin, WA	31
Pinehurst, ID	Shoshone, ID	cold	Baker, OR	9
Pinehurst, ID	Shoshone, ID	cold	Beaverhead, MT	0
Pinehurst, ID	Shoshone, ID	cold	Benewah, ID	100
Pinehurst, ID	Shoshone, ID	cold	Benton, WA	6
Pinehurst, ID	Shoshone, ID	cold	Bingham, ID	0
Pinehurst, ID	Shoshone, ID	cold	Blaine, ID	2
Pinehurst, ID	Shoshone, ID	cold	Blaine, MT	0
Pinehurst, ID	Shoshone, ID	cold	Boise, ID	20
Pinehurst, ID	Shoshone, ID	cold	Bonner, ID	9
Pinehurst, ID	Shoshone, ID	cold	Boundary, ID	1
Pinehurst, ID	Shoshone, ID	cold	Broadwater, MT	0
Pinehurst, ID	Shoshone, ID	cold	Butte, ID	1
Pinehurst, ID	Shoshone, ID	cold	Canyon, ID	16
Pinehurst, ID	Shoshone, ID	cold	Cascade, MT	0
Pinehurst, ID	Shoshone, ID	cold	Chelan, WA	0
Pinehurst, ID	Shoshone, ID	cold	Chouteau, MT	0
Pinehurst, ID	Shoshone, ID	cold	Clark, ID	0
Pinehurst, ID	Shoshone, ID	cold	Clearwater, ID	86
Pinehurst, ID	Shoshone, ID	cold	Columbia, WA	18
Pinehurst, ID	Shoshone, ID	cold	Custer, ID	2
Pinehurst, ID	Shoshone, ID	cold	Deer Lodge, MT	0
Pinehurst, ID	Shoshone, ID	cold	Douglas, WA	0
Pinehurst, ID	Shoshone, ID	cold	Elmore, ID	12
Pinehurst, ID	Shoshone, ID	cold	Fergus, MT	0
Pinehurst, ID	Shoshone, ID	cold	Ferry, WA	2
Pinehurst, ID	Shoshone, ID	cold	Flathead, MT	1
Pinehurst, ID	Shoshone, ID	cold	Franklin, WA	9
Pinehurst, ID	Shoshone, ID	cold	Fremont, ID	0
Pinehurst, ID	Shoshone, ID	cold	Gallatin, MT	0
Pinehurst, ID	Shoshone, ID	cold	Garfield, WA	28
Pinehurst, ID	Shoshone, ID	cold	Gem, ID	31
Pinehurst, ID	Shoshone, ID	cold	Glacier, MT	0
Pinehurst, ID	Shoshone, ID	cold	Granite, MT	0
Pinehurst, ID	Shoshone, ID	cold	Grant, OR	4
Pinehurst, ID	Shoshone, ID	cold	Grant, WA	2
Pinehurst, ID	Shoshone, ID	cold	Hill, MT	0
Pinehurst, ID	Shoshone, ID	cold	Idaho, ID	36
Pinehurst, ID	Shoshone, ID	cold	Jefferson, ID	0
Pinehurst, ID	Shoshone, ID	cold	Jefferson, MT	0
Pinehurst, ID	Shoshone, ID	cold	Judith Basin, MT	0
Pinehurst, ID	Shoshone, ID	cold	Kittitas, WA	1
Pinehurst, ID	Shoshone, ID	cold	Klickitat, WA	3
Pinehurst, ID	Shoshone, ID	cold	Kootenai, ID	54
Pinehurst, ID	Shoshone, ID	cold	Lake, MT	2

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Pinehurst, ID	Shoshone, ID	cold	Latah, ID	100
Pinehurst, ID	Shoshone, ID	cold	Lemhi, ID	1
Pinehurst, ID	Shoshone, ID	cold	Lewis and Clark, MT	0
Pinehurst, ID	Shoshone, ID	cold	Lewis, ID	83
Pinehurst, ID	Shoshone, ID	cold	Liberty, MT	0
Pinehurst, ID	Shoshone, ID	cold	Lincoln, MT	2
Pinehurst, ID	Shoshone, ID	cold	Lincoln, WA	7
Pinehurst, ID	Shoshone, ID	cold	Madison, MT	0
Pinehurst, ID	Shoshone, ID	cold	Malheur, OR	4
Pinehurst, ID	Shoshone, ID	cold	Meagher, MT	0
Pinehurst, ID	Shoshone, ID	cold	Mineral, MT	13
Pinehurst, ID	Shoshone, ID	cold	Missoula, MT	1
Pinehurst, ID	Shoshone, ID	cold	Morrow, OR	6
Pinehurst, ID	Shoshone, ID	cold	Nez Perce, ID	68
Pinehurst, ID	Shoshone, ID	cold	Okanogan, WA	0
Pinehurst, ID	Shoshone, ID	cold	Park, MT	0
Pinehurst, ID	Shoshone, ID	cold	Payette, ID	27
Pinehurst, ID	Shoshone, ID	cold	Pend Oreille, WA	2
Pinehurst, ID	Shoshone, ID	cold	Pondera, MT	0
Pinehurst, ID	Shoshone, ID	cold	Powell, MT	0
Pinehurst, ID	Shoshone, ID	cold	Ravalli, MT	2
Pinehurst, ID	Shoshone, ID	cold	Sanders, MT	10
Pinehurst, ID	Shoshone, ID	cold	Shoshone, ID	76
Pinehurst, ID	Shoshone, ID	cold	Silver Bow, MT	0
Pinehurst, ID	Shoshone, ID	cold	Skagit, WA	0
Pinehurst, ID	Shoshone, ID	cold	Spokane, WA	17
Pinehurst, ID	Shoshone, ID	cold	Stevens, WA	2
Pinehurst, ID	Shoshone, ID	cold	Sweet Grass, MT	0
Pinehurst, ID	Shoshone, ID	cold	Teton, MT	0
Pinehurst, ID	Shoshone, ID	cold	Toole, MT	0
Pinehurst, ID	Shoshone, ID	cold	Umatilla, OR	8
Pinehurst, ID	Shoshone, ID	cold	Union, OR	7
Pinehurst, ID	Shoshone, ID	cold	Valley, ID	14
Pinehurst, ID	Shoshone, ID	cold	Walla Walla, WA	12
Pinehurst, ID	Shoshone, ID	cold	Wallowa, OR	15
Pinehurst, ID	Shoshone, ID	cold	Washington, ID	27
Pinehurst, ID	Shoshone, ID	cold	Whatcom, WA	0
Pinehurst, ID	Shoshone, ID	cold	Wheatland, MT	0
Pinehurst, ID	Shoshone, ID	cold	Whitman, WA	34
Pinehurst, ID	Shoshone, ID	cold	Yakima, WA	2
Pittsburgh, PA	Allegheny, PA	cold	Allegany, MD	40
Pittsburgh, PA	Allegheny, PA	cold	Allegany, NY	0
Pittsburgh, PA	Allegheny, PA	cold	Allegheny, PA	96
Pittsburgh, PA	Allegheny, PA	cold	Armstrong, PA	49
Pittsburgh, PA	Allegheny, PA	cold	Ashland, OH	7
Pittsburgh, PA	Allegheny, PA	cold	Ashtabula, OH	9
Pittsburgh, PA	Allegheny, PA	cold	Athens, OH	17
Pittsburgh, PA	Allegheny, PA	cold	Barbour, WV	50
Pittsburgh, PA	Allegheny, PA	cold	Beaver, PA	78

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Pittsburgh, PA	Allegheny, PA	cold	Bedford, PA	26
Pittsburgh, PA	Allegheny, PA	cold	Belmont, OH	59
Pittsburgh, PA	Allegheny, PA	cold	Berkeley, WV	28
Pittsburgh, PA	Allegheny, PA	cold	Blair, PA	11
Pittsburgh, PA	Allegheny, PA	cold	Brooke, WV	88
Pittsburgh, PA	Allegheny, PA	cold	Butler, PA	58
Pittsburgh, PA	Allegheny, PA	cold	Cambria, PA	22
Pittsburgh, PA	Allegheny, PA	cold	Cameron, PA	0
Pittsburgh, PA	Allegheny, PA	cold	Carroll, OH	42
Pittsburgh, PA	Allegheny, PA	cold	Cattaraugus, NY	0
Pittsburgh, PA	Allegheny, PA	cold	Centre, PA	1
Pittsburgh, PA	Allegheny, PA	cold	Chautauqua, NY	0
Pittsburgh, PA	Allegheny, PA	cold	Clarion, PA	22
Pittsburgh, PA	Allegheny, PA	cold	Clearfield, PA	5
Pittsburgh, PA	Allegheny, PA	cold	Clinton, PA	0
Pittsburgh, PA	Allegheny, PA	cold	Columbiana, OH	52
Pittsburgh, PA	Allegheny, PA	cold	Coshocton, OH	14
Pittsburgh, PA	Allegheny, PA	cold	Crawford, PA	8
Pittsburgh, PA	Allegheny, PA	cold	Cuyahoga, OH	11
Pittsburgh, PA	Allegheny, PA	cold	Doddridge, WV	60
Pittsburgh, PA	Allegheny, PA	cold	Elk, PA	2
Pittsburgh, PA	Allegheny, PA	cold	Erie, NY	0
Pittsburgh, PA	Allegheny, PA	cold	Erie, PA	3
Pittsburgh, PA	Allegheny, PA	cold	Fayette, PA	80
Pittsburgh, PA	Allegheny, PA	cold	Forest, PA	6
Pittsburgh, PA	Allegheny, PA	cold	Franklin, PA	13
Pittsburgh, PA	Allegheny, PA	cold	Frederick, MD	12
Pittsburgh, PA	Allegheny, PA	cold	Frederick, VA	35
Pittsburgh, PA	Allegheny, PA	cold	Fulton, PA	20
Pittsburgh, PA	Allegheny, PA	cold	Garrett, MD	51
Pittsburgh, PA	Allegheny, PA	cold	Geauga, OH	12
Pittsburgh, PA	Allegheny, PA	cold	Gilmer, WV	47
Pittsburgh, PA	Allegheny, PA	cold	Grant, WV	40
Pittsburgh, PA	Allegheny, PA	cold	Greene, PA	90
Pittsburgh, PA	Allegheny, PA	cold	Guernsey, OH	29
Pittsburgh, PA	Allegheny, PA	cold	Hampshire, WV	40
Pittsburgh, PA	Allegheny, PA	cold	Hancock, WV	80
Pittsburgh, PA	Allegheny, PA	cold	Hardy, WV	39
Pittsburgh, PA	Allegheny, PA	cold	Harrison, OH	50
Pittsburgh, PA	Allegheny, PA	cold	Harrison, WV	62
Pittsburgh, PA	Allegheny, PA	cold	Holmes, OH	12
Pittsburgh, PA	Allegheny, PA	cold	Huntingdon, PA	7
Pittsburgh, PA	Allegheny, PA	cold	Indiana, PA	36
Pittsburgh, PA	Allegheny, PA	cold	Jefferson, OH	72
Pittsburgh, PA	Allegheny, PA	cold	Jefferson, PA	13
Pittsburgh, PA	Allegheny, PA	cold	Jefferson, WV	25
Pittsburgh, PA	Allegheny, PA	cold	Juniata, PA	2
Pittsburgh, PA	Allegheny, PA	cold	Knox, OH	6
Pittsburgh, PA	Allegheny, PA	cold	Lake, OH	9

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Pittsburgh, PA	Allegheny, PA	cold	Lawrence, PA	50
Pittsburgh, PA	Allegheny, PA	cold	Lewis, WV	50
Pittsburgh, PA	Allegheny, PA	cold	Loudoun, VA	19
Pittsburgh, PA	Allegheny, PA	cold	Lycoming, PA	0
Pittsburgh, PA	Allegheny, PA	cold	Mahoning, OH	36
Pittsburgh, PA	Allegheny, PA	cold	Marion, WV	72
Pittsburgh, PA	Allegheny, PA	cold	Marshall, WV	77
Pittsburgh, PA	Allegheny, PA	cold	McKean, PA	0
Pittsburgh, PA	Allegheny, PA	cold	Medina, OH	11
Pittsburgh, PA	Allegheny, PA	cold	Mercer, PA	26
Pittsburgh, PA	Allegheny, PA	cold	Mifflin, PA	2
Pittsburgh, PA	Allegheny, PA	cold	Mineral, WV	43
Pittsburgh, PA	Allegheny, PA	cold	Monongalia, WV	77
Pittsburgh, PA	Allegheny, PA	cold	Monroe, OH	52
Pittsburgh, PA	Allegheny, PA	cold	Morgan, OH	19
Pittsburgh, PA	Allegheny, PA	cold	Morgan, WV	31
Pittsburgh, PA	Allegheny, PA	cold	Muskingum, OH	14
Pittsburgh, PA	Allegheny, PA	cold	Noble, OH	32
Pittsburgh, PA	Allegheny, PA	cold	Ohio, WV	86
Pittsburgh, PA	Allegheny, PA	cold	Pendleton, WV	30
Pittsburgh, PA	Allegheny, PA	cold	Pleasants, WV	47
Pittsburgh, PA	Allegheny, PA	cold	Portage, OH	20
Pittsburgh, PA	Allegheny, PA	cold	Potter, PA	0
Pittsburgh, PA	Allegheny, PA	cold	Preston, WV	59
Pittsburgh, PA	Allegheny, PA	cold	Randolph, WV	33
Pittsburgh, PA	Allegheny, PA	cold	Ritchie, WV	49
Pittsburgh, PA	Allegheny, PA	cold	Somerset, PA	48
Pittsburgh, PA	Allegheny, PA	cold	Stark, OH	24
Pittsburgh, PA	Allegheny, PA	cold	Summit, OH	15
Pittsburgh, PA	Allegheny, PA	cold	Taylor, WV	61
Pittsburgh, PA	Allegheny, PA	cold	Trumbull, OH	22
Pittsburgh, PA	Allegheny, PA	cold	Tucker, WV	42
Pittsburgh, PA	Allegheny, PA	cold	Tuscarawas, OH	26
Pittsburgh, PA	Allegheny, PA	cold	Tyler, WV	60
Pittsburgh, PA	Allegheny, PA	cold	Union, PA	0
Pittsburgh, PA	Allegheny, PA	cold	Upshur, WV	43
Pittsburgh, PA	Allegheny, PA	cold	Venango, PA	17
Pittsburgh, PA	Allegheny, PA	cold	Warren, PA	2
Pittsburgh, PA	Allegheny, PA	cold	Washington, MD	20
Pittsburgh, PA	Allegheny, PA	cold	Washington, OH	33
Pittsburgh, PA	Allegheny, PA	cold	Washington, PA	100
Pittsburgh, PA	Allegheny, PA	cold	Wayne, OH	12
Pittsburgh, PA	Allegheny, PA	cold	Westmoreland, PA	75
Pittsburgh, PA	Allegheny, PA	cold	Wetzel, WV	71
Pittsburgh, PA	Allegheny, PA	cold	Wood, WV	33
Pittsburgh, PA	Allegheny, PA	cold	Wyoming, NY	0
Pittsburgh, PA	Allegheny, PA	warm	Allegany, MD	43
Pittsburgh, PA	Allegheny, PA	warm	Allegany, NY	0
Pittsburgh, PA	Allegheny, PA	warm	Allegheny, PA	92

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Pittsburgh, PA	Allegheny, PA	warm	Armstrong, PA	12
Pittsburgh, PA	Allegheny, PA	warm	Ashland, OH	1
Pittsburgh, PA	Allegheny, PA	warm	Ashtabula, OH	0
Pittsburgh, PA	Allegheny, PA	warm	Athens, OH	4
Pittsburgh, PA	Allegheny, PA	warm	Barbour, WV	29
Pittsburgh, PA	Allegheny, PA	warm	Beaver, PA	38
Pittsburgh, PA	Allegheny, PA	warm	Bedford, PA	20
Pittsburgh, PA	Allegheny, PA	warm	Belmont, OH	36
Pittsburgh, PA	Allegheny, PA	warm	Berkeley, WV	11
Pittsburgh, PA	Allegheny, PA	warm	Blair, PA	7
Pittsburgh, PA	Allegheny, PA	warm	Brooke, WV	59
Pittsburgh, PA	Allegheny, PA	warm	Butler, PA	15
Pittsburgh, PA	Allegheny, PA	warm	Cambria, PA	9
Pittsburgh, PA	Allegheny, PA	warm	Cameron, PA	0
Pittsburgh, PA	Allegheny, PA	warm	Carroll, OH	8
Pittsburgh, PA	Allegheny, PA	warm	Cattaraugus, NY	0
Pittsburgh, PA	Allegheny, PA	warm	Centre, PA	1
Pittsburgh, PA	Allegheny, PA	warm	Chautauqua, NY	1
Pittsburgh, PA	Allegheny, PA	warm	Clarion, PA	2
Pittsburgh, PA	Allegheny, PA	warm	Clearfield, PA	1
Pittsburgh, PA	Allegheny, PA	warm	Clinton, PA	0
Pittsburgh, PA	Allegheny, PA	warm	Columbiana, OH	11
Pittsburgh, PA	Allegheny, PA	warm	Coshocton, OH	7
Pittsburgh, PA	Allegheny, PA	warm	Crawford, PA	1
Pittsburgh, PA	Allegheny, PA	warm	Cuyahoga, OH	0
Pittsburgh, PA	Allegheny, PA	warm	Doddridge, WV	34
Pittsburgh, PA	Allegheny, PA	warm	Elk, PA	1
Pittsburgh, PA	Allegheny, PA	warm	Erie, NY	0
Pittsburgh, PA	Allegheny, PA	warm	Erie, PA	0
Pittsburgh, PA	Allegheny, PA	warm	Fayette, PA	83
Pittsburgh, PA	Allegheny, PA	warm	Forest, PA	1
Pittsburgh, PA	Allegheny, PA	warm	Franklin, PA	2
Pittsburgh, PA	Allegheny, PA	warm	Frederick, MD	2
Pittsburgh, PA	Allegheny, PA	warm	Frederick, VA	21
Pittsburgh, PA	Allegheny, PA	warm	Fulton, PA	10
Pittsburgh, PA	Allegheny, PA	warm	Garrett, MD	57
Pittsburgh, PA	Allegheny, PA	warm	Geauga, OH	0
Pittsburgh, PA	Allegheny, PA	warm	Gilmer, WV	21
Pittsburgh, PA	Allegheny, PA	warm	Grant, WV	30
Pittsburgh, PA	Allegheny, PA	warm	Greene, PA	90
Pittsburgh, PA	Allegheny, PA	warm	Guernsey, OH	15
Pittsburgh, PA	Allegheny, PA	warm	Hampshire, WV	42
Pittsburgh, PA	Allegheny, PA	warm	Hancock, WV	43
Pittsburgh, PA	Allegheny, PA	warm	Hardy, WV	29
Pittsburgh, PA	Allegheny, PA	warm	Harrison, OH	18
Pittsburgh, PA	Allegheny, PA	warm	Harrison, WV	38
Pittsburgh, PA	Allegheny, PA	warm	Holmes, OH	3
Pittsburgh, PA	Allegheny, PA	warm	Huntingdon, PA	5
Pittsburgh, PA	Allegheny, PA	warm	Indiana, PA	10

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Pittsburgh, PA	Allegheny, PA	warm	Jefferson, OH	33
Pittsburgh, PA	Allegheny, PA	warm	Jefferson, PA	1
Pittsburgh, PA	Allegheny, PA	warm	Jefferson, WV	7
Pittsburgh, PA	Allegheny, PA	warm	Juniata, PA	1
Pittsburgh, PA	Allegheny, PA	warm	Knox, OH	3
Pittsburgh, PA	Allegheny, PA	warm	Lake, OH	0
Pittsburgh, PA	Allegheny, PA	warm	Lawrence, PA	7
Pittsburgh, PA	Allegheny, PA	warm	Lewis, WV	22
Pittsburgh, PA	Allegheny, PA	warm	Loudoun, VA	6
Pittsburgh, PA	Allegheny, PA	warm	Lycoming, PA	0
Pittsburgh, PA	Allegheny, PA	warm	Mahoning, OH	3
Pittsburgh, PA	Allegheny, PA	warm	Marion, WV	65
Pittsburgh, PA	Allegheny, PA	warm	Marshall, WV	64
Pittsburgh, PA	Allegheny, PA	warm	McKean, PA	0
Pittsburgh, PA	Allegheny, PA	warm	Medina, OH	1
Pittsburgh, PA	Allegheny, PA	warm	Mercer, PA	2
Pittsburgh, PA	Allegheny, PA	warm	Mifflin, PA	2
Pittsburgh, PA	Allegheny, PA	warm	Mineral, WV	54
Pittsburgh, PA	Allegheny, PA	warm	Monongalia, WV	79
Pittsburgh, PA	Allegheny, PA	warm	Monroe, OH	39
Pittsburgh, PA	Allegheny, PA	warm	Morgan, OH	8
Pittsburgh, PA	Allegheny, PA	warm	Morgan, WV	20
Pittsburgh, PA	Allegheny, PA	warm	Muskingum, OH	10
Pittsburgh, PA	Allegheny, PA	warm	Noble, OH	19
Pittsburgh, PA	Allegheny, PA	warm	Ohio, WV	62
Pittsburgh, PA	Allegheny, PA	warm	Pendleton, WV	9
Pittsburgh, PA	Allegheny, PA	warm	Pleasants, WV	25
Pittsburgh, PA	Allegheny, PA	warm	Portage, OH	1
Pittsburgh, PA	Allegheny, PA	warm	Potter, PA	0
Pittsburgh, PA	Allegheny, PA	warm	Preston, WV	61
Pittsburgh, PA	Allegheny, PA	warm	Randolph, WV	12
Pittsburgh, PA	Allegheny, PA	warm	Ritchie, WV	22
Pittsburgh, PA	Allegheny, PA	warm	Somerset, PA	38
Pittsburgh, PA	Allegheny, PA	warm	Stark, OH	2
Pittsburgh, PA	Allegheny, PA	warm	Summit, OH	1
Pittsburgh, PA	Allegheny, PA	warm	Taylor, WV	46
Pittsburgh, PA	Allegheny, PA	warm	Trumbull, OH	1
Pittsburgh, PA	Allegheny, PA	warm	Tucker, WV	26
Pittsburgh, PA	Allegheny, PA	warm	Tuscarawas, OH	7
Pittsburgh, PA	Allegheny, PA	warm	Tyler, WV	42
Pittsburgh, PA	Allegheny, PA	warm	Union, PA	0
Pittsburgh, PA	Allegheny, PA	warm	Upshur, WV	19
Pittsburgh, PA	Allegheny, PA	warm	Venango, PA	2
Pittsburgh, PA	Allegheny, PA	warm	Warren, PA	1
Pittsburgh, PA	Allegheny, PA	warm	Washington, MD	5
Pittsburgh, PA	Allegheny, PA	warm	Washington, OH	15
Pittsburgh, PA	Allegheny, PA	warm	Washington, PA	100
Pittsburgh, PA	Allegheny, PA	warm	Wayne, OH	1
Pittsburgh, PA	Allegheny, PA	warm	Westmoreland, PA	58

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Pittsburgh, PA	Allegheny, PA	warm	Wetzel, WV	63
Pittsburgh, PA	Allegheny, PA	warm	Wood, WV	10
Pittsburgh, PA	Allegheny, PA	warm	Wyoming, NY	0
Pittsburgh, PA	Beaver, PA	cold	Allegany, MD	17
Pittsburgh, PA	Beaver, PA	cold	Allegany, NY	0
Pittsburgh, PA	Beaver, PA	cold	Allegheny, PA	100
Pittsburgh, PA	Beaver, PA	cold	Armstrong, PA	45
Pittsburgh, PA	Beaver, PA	cold	Ashland, OH	7
Pittsburgh, PA	Beaver, PA	cold	Ashtabula, OH	6
Pittsburgh, PA	Beaver, PA	cold	Athens, OH	30
Pittsburgh, PA	Beaver, PA	cold	Barbour, WV	16
Pittsburgh, PA	Beaver, PA	cold	Beaver, PA	81
Pittsburgh, PA	Beaver, PA	cold	Bedford, PA	12
Pittsburgh, PA	Beaver, PA	cold	Belmont, OH	59
Pittsburgh, PA	Beaver, PA	cold	Berkeley, WV	18
Pittsburgh, PA	Beaver, PA	cold	Blair, PA	6
Pittsburgh, PA	Beaver, PA	cold	Brooke, WV	84
Pittsburgh, PA	Beaver, PA	cold	Butler, PA	54
Pittsburgh, PA	Beaver, PA	cold	Cambria, PA	14
Pittsburgh, PA	Beaver, PA	cold	Cameron, PA	1
Pittsburgh, PA	Beaver, PA	cold	Carroll, OH	39
Pittsburgh, PA	Beaver, PA	cold	Cattaraugus, NY	0
Pittsburgh, PA	Beaver, PA	cold	Centre, PA	2
Pittsburgh, PA	Beaver, PA	cold	Chautauqua, NY	1
Pittsburgh, PA	Beaver, PA	cold	Clarion, PA	15
Pittsburgh, PA	Beaver, PA	cold	Clearfield, PA	5
Pittsburgh, PA	Beaver, PA	cold	Clinton, PA	1
Pittsburgh, PA	Beaver, PA	cold	Columbiana, OH	47
Pittsburgh, PA	Beaver, PA	cold	Coshocton, OH	26
Pittsburgh, PA	Beaver, PA	cold	Crawford, PA	6
Pittsburgh, PA	Beaver, PA	cold	Cuyahoga, OH	3
Pittsburgh, PA	Beaver, PA	cold	Doddridge, WV	31
Pittsburgh, PA	Beaver, PA	cold	Elk, PA	2
Pittsburgh, PA	Beaver, PA	cold	Erie, NY	0
Pittsburgh, PA	Beaver, PA	cold	Erie, PA	3
Pittsburgh, PA	Beaver, PA	cold	Fayette, PA	44
Pittsburgh, PA	Beaver, PA	cold	Forest, PA	4
Pittsburgh, PA	Beaver, PA	cold	Franklin, PA	7
Pittsburgh, PA	Beaver, PA	cold	Frederick, MD	8
Pittsburgh, PA	Beaver, PA	cold	Frederick, VA	21
Pittsburgh, PA	Beaver, PA	cold	Fulton, PA	10
Pittsburgh, PA	Beaver, PA	cold	Garrett, MD	14
Pittsburgh, PA	Beaver, PA	cold	Geauga, OH	5
Pittsburgh, PA	Beaver, PA	cold	Gilmer, WV	23
Pittsburgh, PA	Beaver, PA	cold	Grant, WV	10
Pittsburgh, PA	Beaver, PA	cold	Greene, PA	56
Pittsburgh, PA	Beaver, PA	cold	Guernsey, OH	43
Pittsburgh, PA	Beaver, PA	cold	Hampshire, WV	19
Pittsburgh, PA	Beaver, PA	cold	Hancock, WV	82

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Pittsburgh, PA	Beaver, PA	cold	Hardy, WV	14
Pittsburgh, PA	Beaver, PA	cold	Harrison, OH	53
Pittsburgh, PA	Beaver, PA	cold	Harrison, WV	28
Pittsburgh, PA	Beaver, PA	cold	Holmes, OH	17
Pittsburgh, PA	Beaver, PA	cold	Huntingdon, PA	4
Pittsburgh, PA	Beaver, PA	cold	Indiana, PA	30
Pittsburgh, PA	Beaver, PA	cold	Jefferson, OH	70
Pittsburgh, PA	Beaver, PA	cold	Jefferson, PA	9
Pittsburgh, PA	Beaver, PA	cold	Jefferson, WV	16
Pittsburgh, PA	Beaver, PA	cold	Juniata, PA	1
Pittsburgh, PA	Beaver, PA	cold	Knox, OH	14
Pittsburgh, PA	Beaver, PA	cold	Lake, OH	4
Pittsburgh, PA	Beaver, PA	cold	Lawrence, PA	43
Pittsburgh, PA	Beaver, PA	cold	Lewis, WV	22
Pittsburgh, PA	Beaver, PA	cold	Loudoun, VA	12
Pittsburgh, PA	Beaver, PA	cold	Lycoming, PA	0
Pittsburgh, PA	Beaver, PA	cold	Mahoning, OH	25
Pittsburgh, PA	Beaver, PA	cold	Marion, WV	33
Pittsburgh, PA	Beaver, PA	cold	Marshall, WV	59
Pittsburgh, PA	Beaver, PA	cold	McKean, PA	1
Pittsburgh, PA	Beaver, PA	cold	Medina, OH	4
Pittsburgh, PA	Beaver, PA	cold	Mercer, PA	16
Pittsburgh, PA	Beaver, PA	cold	Mifflin, PA	2
Pittsburgh, PA	Beaver, PA	cold	Mineral, WV	15
Pittsburgh, PA	Beaver, PA	cold	Monongalia, WV	34
Pittsburgh, PA	Beaver, PA	cold	Monroe, OH	49
Pittsburgh, PA	Beaver, PA	cold	Morgan, OH	38
Pittsburgh, PA	Beaver, PA	cold	Morgan, WV	19
Pittsburgh, PA	Beaver, PA	cold	Muskingum, OH	34
Pittsburgh, PA	Beaver, PA	cold	Noble, OH	44
Pittsburgh, PA	Beaver, PA	cold	Ohio, WV	75
Pittsburgh, PA	Beaver, PA	cold	Pendleton, WV	8
Pittsburgh, PA	Beaver, PA	cold	Pleasants, WV	34
Pittsburgh, PA	Beaver, PA	cold	Portage, OH	9
Pittsburgh, PA	Beaver, PA	cold	Potter, PA	1
Pittsburgh, PA	Beaver, PA	cold	Preston, WV	18
Pittsburgh, PA	Beaver, PA	cold	Randolph, WV	9
Pittsburgh, PA	Beaver, PA	cold	Ritchie, WV	28
Pittsburgh, PA	Beaver, PA	cold	Somerset, PA	21
Pittsburgh, PA	Beaver, PA	cold	Stark, OH	17
Pittsburgh, PA	Beaver, PA	cold	Summit, OH	6
Pittsburgh, PA	Beaver, PA	cold	Taylor, WV	22
Pittsburgh, PA	Beaver, PA	cold	Trumbull, OH	12
Pittsburgh, PA	Beaver, PA	cold	Tucker, WV	10
Pittsburgh, PA	Beaver, PA	cold	Tuscarawas, OH	31
Pittsburgh, PA	Beaver, PA	cold	Tyler, WV	39
Pittsburgh, PA	Beaver, PA	cold	Union, PA	1
Pittsburgh, PA	Beaver, PA	cold	Upshur, WV	16
Pittsburgh, PA	Beaver, PA	cold	Venango, PA	10

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Pittsburgh, PA	Beaver, PA	cold	Warren, PA	1
Pittsburgh, PA	Beaver, PA	cold	Washington, MD	13
Pittsburgh, PA	Beaver, PA	cold	Washington, OH	35
Pittsburgh, PA	Beaver, PA	cold	Washington, PA	88
Pittsburgh, PA	Beaver, PA	cold	Wayne, OH	10
Pittsburgh, PA	Beaver, PA	cold	Westmoreland, PA	64
Pittsburgh, PA	Beaver, PA	cold	Wetzel, WV	45
Pittsburgh, PA	Beaver, PA	cold	Wood, WV	26
Pittsburgh, PA	Beaver, PA	cold	Wyoming, NY	0
Pittsburgh, PA	Beaver, PA	warm	Allegany, MD	28
Pittsburgh, PA	Beaver, PA	warm	Allegany, NY	1
Pittsburgh, PA	Beaver, PA	warm	Allegheny, PA	89
Pittsburgh, PA	Beaver, PA	warm	Armstrong, PA	22
Pittsburgh, PA	Beaver, PA	warm	Ashland, OH	2
Pittsburgh, PA	Beaver, PA	warm	Ashtabula, OH	6
Pittsburgh, PA	Beaver, PA	warm	Athens, OH	8
Pittsburgh, PA	Beaver, PA	warm	Barbour, WV	27
Pittsburgh, PA	Beaver, PA	warm	Beaver, PA	55
Pittsburgh, PA	Beaver, PA	warm	Bedford, PA	16
Pittsburgh, PA	Beaver, PA	warm	Belmont, OH	46
Pittsburgh, PA	Beaver, PA	warm	Berkeley, WV	4
Pittsburgh, PA	Beaver, PA	warm	Blair, PA	10
Pittsburgh, PA	Beaver, PA	warm	Brooke, WV	73
Pittsburgh, PA	Beaver, PA	warm	Butler, PA	28
Pittsburgh, PA	Beaver, PA	warm	Cambria, PA	15
Pittsburgh, PA	Beaver, PA	warm	Cameron, PA	5
Pittsburgh, PA	Beaver, PA	warm	Carroll, OH	15
Pittsburgh, PA	Beaver, PA	warm	Cattaraugus, NY	3
Pittsburgh, PA	Beaver, PA	warm	Centre, PA	7
Pittsburgh, PA	Beaver, PA	warm	Chautauqua, NY	5
Pittsburgh, PA	Beaver, PA	warm	Clarion, PA	7
Pittsburgh, PA	Beaver, PA	warm	Clearfield, PA	11
Pittsburgh, PA	Beaver, PA	warm	Clinton, PA	3
Pittsburgh, PA	Beaver, PA	warm	Columbiana, OH	23
Pittsburgh, PA	Beaver, PA	warm	Coshocton, OH	7
Pittsburgh, PA	Beaver, PA	warm	Crawford, PA	6
Pittsburgh, PA	Beaver, PA	warm	Cuyahoga, OH	2
Pittsburgh, PA	Beaver, PA	warm	Doddridge, WV	25
Pittsburgh, PA	Beaver, PA	warm	Elk, PA	8
Pittsburgh, PA	Beaver, PA	warm	Erie, NY	1
Pittsburgh, PA	Beaver, PA	warm	Erie, PA	8
Pittsburgh, PA	Beaver, PA	warm	Fayette, PA	69
Pittsburgh, PA	Beaver, PA	warm	Forest, PA	6
Pittsburgh, PA	Beaver, PA	warm	Franklin, PA	2
Pittsburgh, PA	Beaver, PA	warm	Frederick, MD	0
Pittsburgh, PA	Beaver, PA	warm	Frederick, VA	8
Pittsburgh, PA	Beaver, PA	warm	Fulton, PA	7
Pittsburgh, PA	Beaver, PA	warm	Garrett, MD	40
Pittsburgh, PA	Beaver, PA	warm	Geauga, OH	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Pittsburgh, PA	Beaver, PA	warm	Gilmer, WV	11
Pittsburgh, PA	Beaver, PA	warm	Grant, WV	21
Pittsburgh, PA	Beaver, PA	warm	Greene, PA	85
Pittsburgh, PA	Beaver, PA	warm	Guernsey, OH	20
Pittsburgh, PA	Beaver, PA	warm	Hampshire, WV	22
Pittsburgh, PA	Beaver, PA	warm	Hancock, WV	58
Pittsburgh, PA	Beaver, PA	warm	Hardy, WV	16
Pittsburgh, PA	Beaver, PA	warm	Harrison, OH	28
Pittsburgh, PA	Beaver, PA	warm	Harrison, WV	31
Pittsburgh, PA	Beaver, PA	warm	Holmes, OH	4
Pittsburgh, PA	Beaver, PA	warm	Huntingdon, PA	7
Pittsburgh, PA	Beaver, PA	warm	Indiana, PA	20
Pittsburgh, PA	Beaver, PA	warm	Jefferson, OH	49
Pittsburgh, PA	Beaver, PA	warm	Jefferson, PA	10
Pittsburgh, PA	Beaver, PA	warm	Jefferson, WV	2
Pittsburgh, PA	Beaver, PA	warm	Juniata, PA	2
Pittsburgh, PA	Beaver, PA	warm	Knox, OH	3
Pittsburgh, PA	Beaver, PA	warm	Lake, OH	4
Pittsburgh, PA	Beaver, PA	warm	Lawrence, PA	23
Pittsburgh, PA	Beaver, PA	warm	Lewis, WV	16
Pittsburgh, PA	Beaver, PA	warm	Loudoun, VA	1
Pittsburgh, PA	Beaver, PA	warm	Lycoming, PA	1
Pittsburgh, PA	Beaver, PA	warm	Mahoning, OH	10
Pittsburgh, PA	Beaver, PA	warm	Marion, WV	53
Pittsburgh, PA	Beaver, PA	warm	Marshall, WV	66
Pittsburgh, PA	Beaver, PA	warm	McKean, PA	4
Pittsburgh, PA	Beaver, PA	warm	Medina, OH	2
Pittsburgh, PA	Beaver, PA	warm	Mercer, PA	9
Pittsburgh, PA	Beaver, PA	warm	Mifflin, PA	5
Pittsburgh, PA	Beaver, PA	warm	Mineral, WV	33
Pittsburgh, PA	Beaver, PA	warm	Monongalia, WV	66
Pittsburgh, PA	Beaver, PA	warm	Monroe, OH	41
Pittsburgh, PA	Beaver, PA	warm	Morgan, OH	12
Pittsburgh, PA	Beaver, PA	warm	Morgan, WV	10
Pittsburgh, PA	Beaver, PA	warm	Muskingum, OH	11
Pittsburgh, PA	Beaver, PA	warm	Noble, OH	25
Pittsburgh, PA	Beaver, PA	warm	Ohio, WV	74
Pittsburgh, PA	Beaver, PA	warm	Pendleton, WV	7
Pittsburgh, PA	Beaver, PA	warm	Pleasants, WV	23
Pittsburgh, PA	Beaver, PA	warm	Portage, OH	3
Pittsburgh, PA	Beaver, PA	warm	Potter, PA	2
Pittsburgh, PA	Beaver, PA	warm	Preston, WV	47
Pittsburgh, PA	Beaver, PA	warm	Randolph, WV	12
Pittsburgh, PA	Beaver, PA	warm	Ritchie, WV	16
Pittsburgh, PA	Beaver, PA	warm	Somerset, PA	31
Pittsburgh, PA	Beaver, PA	warm	Stark, OH	4
Pittsburgh, PA	Beaver, PA	warm	Summit, OH	2
Pittsburgh, PA	Beaver, PA	warm	Taylor, WV	40
Pittsburgh, PA	Beaver, PA	warm	Trumbull, OH	6

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Pittsburgh, PA	Beaver, PA	warm	Tucker, WV	22
Pittsburgh, PA	Beaver, PA	warm	Tuscarawas, OH	9
Pittsburgh, PA	Beaver, PA	warm	Tyler, WV	35
Pittsburgh, PA	Beaver, PA	warm	Union, PA	1
Pittsburgh, PA	Beaver, PA	warm	Upshur, WV	17
Pittsburgh, PA	Beaver, PA	warm	Venango, PA	5
Pittsburgh, PA	Beaver, PA	warm	Warren, PA	6
Pittsburgh, PA	Beaver, PA	warm	Washington, MD	2
Pittsburgh, PA	Beaver, PA	warm	Washington, OH	19
Pittsburgh, PA	Beaver, PA	warm	Washington, PA	100
Pittsburgh, PA	Beaver, PA	warm	Wayne, OH	2
Pittsburgh, PA	Beaver, PA	warm	Westmoreland, PA	55
Pittsburgh, PA	Beaver, PA	warm	Wetzel, WV	53
Pittsburgh, PA	Beaver, PA	warm	Wood, WV	13
Pittsburgh, PA	Beaver, PA	warm	Wyoming, NY	1
Pittsburgh, PA	Washington, PA	warm	Allegany, MD	31
Pittsburgh, PA	Washington, PA	warm	Allegany, NY	0
Pittsburgh, PA	Washington, PA	warm	Allegheny, PA	75
Pittsburgh, PA	Washington, PA	warm	Armstrong, PA	15
Pittsburgh, PA	Washington, PA	warm	Ashland, OH	1
Pittsburgh, PA	Washington, PA	warm	Ashtabula, OH	3
Pittsburgh, PA	Washington, PA	warm	Athens, OH	12
Pittsburgh, PA	Washington, PA	warm	Barbour, WV	26
Pittsburgh, PA	Washington, PA	warm	Beaver, PA	47
Pittsburgh, PA	Washington, PA	warm	Bedford, PA	18
Pittsburgh, PA	Washington, PA	warm	Belmont, OH	52
Pittsburgh, PA	Washington, PA	warm	Berkeley, WV	13
Pittsburgh, PA	Washington, PA	warm	Blair, PA	7
Pittsburgh, PA	Washington, PA	warm	Brooke, WV	85
Pittsburgh, PA	Washington, PA	warm	Butler, PA	20
Pittsburgh, PA	Washington, PA	warm	Cambria, PA	11
Pittsburgh, PA	Washington, PA	warm	Cameron, PA	1
Pittsburgh, PA	Washington, PA	warm	Carroll, OH	19
Pittsburgh, PA	Washington, PA	warm	Cattaraugus, NY	0
Pittsburgh, PA	Washington, PA	warm	Centre, PA	1
Pittsburgh, PA	Washington, PA	warm	Chautauqua, NY	1
Pittsburgh, PA	Washington, PA	warm	Clarion, PA	4
Pittsburgh, PA	Washington, PA	warm	Clearfield, PA	2
Pittsburgh, PA	Washington, PA	warm	Clinton, PA	1
Pittsburgh, PA	Washington, PA	warm	Columbiana, OH	24
Pittsburgh, PA	Washington, PA	warm	Coshocton, OH	6
Pittsburgh, PA	Washington, PA	warm	Crawford, PA	3
Pittsburgh, PA	Washington, PA	warm	Cuyahoga, OH	1
Pittsburgh, PA	Washington, PA	warm	Doddridge, WV	34
Pittsburgh, PA	Washington, PA	warm	Elk, PA	1
Pittsburgh, PA	Washington, PA	warm	Erie, NY	0
Pittsburgh, PA	Washington, PA	warm	Erie, PA	2
Pittsburgh, PA	Washington, PA	warm	Fayette, PA	65
Pittsburgh, PA	Washington, PA	warm	Forest, PA	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Pittsburgh, PA	Washington, PA	warm	Franklin, PA	4
Pittsburgh, PA	Washington, PA	warm	Frederick, MD	4
Pittsburgh, PA	Washington, PA	warm	Frederick, VA	20
Pittsburgh, PA	Washington, PA	warm	Fulton, PA	10
Pittsburgh, PA	Washington, PA	warm	Garrett, MD	36
Pittsburgh, PA	Washington, PA	warm	Geauga, OH	2
Pittsburgh, PA	Washington, PA	warm	Gilmer, WV	21
Pittsburgh, PA	Washington, PA	warm	Grant, WV	23
Pittsburgh, PA	Washington, PA	warm	Greene, PA	83
Pittsburgh, PA	Washington, PA	warm	Guernsey, OH	20
Pittsburgh, PA	Washington, PA	warm	Hampshire, WV	29
Pittsburgh, PA	Washington, PA	warm	Hancock, WV	63
Pittsburgh, PA	Washington, PA	warm	Hardy, WV	23
Pittsburgh, PA	Washington, PA	warm	Harrison, OH	33
Pittsburgh, PA	Washington, PA	warm	Harrison, WV	35
Pittsburgh, PA	Washington, PA	warm	Holmes, OH	3
Pittsburgh, PA	Washington, PA	warm	Huntingdon, PA	4
Pittsburgh, PA	Washington, PA	warm	Indiana, PA	14
Pittsburgh, PA	Washington, PA	warm	Jefferson, OH	58
Pittsburgh, PA	Washington, PA	warm	Jefferson, PA	2
Pittsburgh, PA	Washington, PA	warm	Jefferson, WV	10
Pittsburgh, PA	Washington, PA	warm	Juniata, PA	1
Pittsburgh, PA	Washington, PA	warm	Knox, OH	3
Pittsburgh, PA	Washington, PA	warm	Lake, OH	1
Pittsburgh, PA	Washington, PA	warm	Lawrence, PA	17
Pittsburgh, PA	Washington, PA	warm	Lewis, WV	21
Pittsburgh, PA	Washington, PA	warm	Loudoun, VA	8
Pittsburgh, PA	Washington, PA	warm	Lycoming, PA	0
Pittsburgh, PA	Washington, PA	warm	Mahoning, OH	10
Pittsburgh, PA	Washington, PA	warm	Marion, WV	52
Pittsburgh, PA	Washington, PA	warm	Marshall, WV	72
Pittsburgh, PA	Washington, PA	warm	McKean, PA	1
Pittsburgh, PA	Washington, PA	warm	Medina, OH	1
Pittsburgh, PA	Washington, PA	warm	Mercer, PA	7
Pittsburgh, PA	Washington, PA	warm	Mifflin, PA	2
Pittsburgh, PA	Washington, PA	warm	Mineral, WV	34
Pittsburgh, PA	Washington, PA	warm	Monongalia, WV	58
Pittsburgh, PA	Washington, PA	warm	Monroe, OH	44
Pittsburgh, PA	Washington, PA	warm	Morgan, OH	15
Pittsburgh, PA	Washington, PA	warm	Morgan, WV	18
Pittsburgh, PA	Washington, PA	warm	Muskingum, OH	10
Pittsburgh, PA	Washington, PA	warm	Noble, OH	26
Pittsburgh, PA	Washington, PA	warm	Ohio, WV	86
Pittsburgh, PA	Washington, PA	warm	Pendleton, WV	11
Pittsburgh, PA	Washington, PA	warm	Pleasants, WV	32
Pittsburgh, PA	Washington, PA	warm	Portage, OH	3
Pittsburgh, PA	Washington, PA	warm	Potter, PA	0
Pittsburgh, PA	Washington, PA	warm	Preston, WV	39
Pittsburgh, PA	Washington, PA	warm	Randolph, WV	11

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Pittsburgh, PA	Washington, PA	warm	Ritchie, WV	27
Pittsburgh, PA	Washington, PA	warm	Somerset, PA	35
Pittsburgh, PA	Washington, PA	warm	Stark, OH	6
Pittsburgh, PA	Washington, PA	warm	Summit, OH	2
Pittsburgh, PA	Washington, PA	warm	Taylor, WV	37
Pittsburgh, PA	Washington, PA	warm	Trumbull, OH	5
Pittsburgh, PA	Washington, PA	warm	Tucker, WV	21
Pittsburgh, PA	Washington, PA	warm	Tuscarawas, OH	10
Pittsburgh, PA	Washington, PA	warm	Tyler, WV	42
Pittsburgh, PA	Washington, PA	warm	Union, PA	1
Pittsburgh, PA	Washington, PA	warm	Upshur, WV	16
Pittsburgh, PA	Washington, PA	warm	Venango, PA	4
Pittsburgh, PA	Washington, PA	warm	Warren, PA	1
Pittsburgh, PA	Washington, PA	warm	Washington, MD	7
Pittsburgh, PA	Washington, PA	warm	Washington, OH	25
Pittsburgh, PA	Washington, PA	warm	Washington, PA	100
Pittsburgh, PA	Washington, PA	warm	Wayne, OH	2
Pittsburgh, PA	Washington, PA	warm	Westmoreland, PA	54
Pittsburgh, PA	Washington, PA	warm	Wetzel, WV	57
Pittsburgh, PA	Washington, PA	warm	Wood, WV	22
Pittsburgh, PA	Washington, PA	warm	Wyoming, NY	0
Pittsburgh, PA	Westmoreland, PA	warm	Allegany, MD	12
Pittsburgh, PA	Westmoreland, PA	warm	Allegany, NY	1
Pittsburgh, PA	Westmoreland, PA	warm	Allegheny, PA	75
Pittsburgh, PA	Westmoreland, PA	warm	Armstrong, PA	15
Pittsburgh, PA	Westmoreland, PA	warm	Ashland, OH	2
Pittsburgh, PA	Westmoreland, PA	warm	Ashtabula, OH	3
Pittsburgh, PA	Westmoreland, PA	warm	Athens, OH	17
Pittsburgh, PA	Westmoreland, PA	warm	Barbour, WV	43
Pittsburgh, PA	Westmoreland, PA	warm	Beaver, PA	38
Pittsburgh, PA	Westmoreland, PA	warm	Bedford, PA	12
Pittsburgh, PA	Westmoreland, PA	warm	Belmont, OH	47
Pittsburgh, PA	Westmoreland, PA	warm	Berkeley, WV	6
Pittsburgh, PA	Westmoreland, PA	warm	Blair, PA	5
Pittsburgh, PA	Westmoreland, PA	warm	Brooke, WV	67
Pittsburgh, PA	Westmoreland, PA	warm	Butler, PA	20
Pittsburgh, PA	Westmoreland, PA	warm	Cambria, PA	9
Pittsburgh, PA	Westmoreland, PA	warm	Cameron, PA	1
Pittsburgh, PA	Westmoreland, PA	warm	Carroll, OH	12
Pittsburgh, PA	Westmoreland, PA	warm	Cattaraugus, NY	1
Pittsburgh, PA	Westmoreland, PA	warm	Centre, PA	2
Pittsburgh, PA	Westmoreland, PA	warm	Chautauqua, NY	1
Pittsburgh, PA	Westmoreland, PA	warm	Clarion, PA	4
Pittsburgh, PA	Westmoreland, PA	warm	Clearfield, PA	3
Pittsburgh, PA	Westmoreland, PA	warm	Clinton, PA	1
Pittsburgh, PA	Westmoreland, PA	warm	Columbiana, OH	16
Pittsburgh, PA	Westmoreland, PA	warm	Coshocton, OH	7
Pittsburgh, PA	Westmoreland, PA	warm	Crawford, PA	3
Pittsburgh, PA	Westmoreland, PA	warm	Cuyahoga, OH	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Pittsburgh, PA	Westmoreland, PA	warm	Doddridge, WV	77
Pittsburgh, PA	Westmoreland, PA	warm	Elk, PA	2
Pittsburgh, PA	Westmoreland, PA	warm	Erie, NY	0
Pittsburgh, PA	Westmoreland, PA	warm	Erie, PA	2
Pittsburgh, PA	Westmoreland, PA	warm	Fayette, PA	55
Pittsburgh, PA	Westmoreland, PA	warm	Forest, PA	2
Pittsburgh, PA	Westmoreland, PA	warm	Franklin, PA	4
Pittsburgh, PA	Westmoreland, PA	warm	Frederick, MD	1
Pittsburgh, PA	Westmoreland, PA	warm	Frederick, VA	6
Pittsburgh, PA	Westmoreland, PA	warm	Fulton, PA	8
Pittsburgh, PA	Westmoreland, PA	warm	Garrett, MD	14
Pittsburgh, PA	Westmoreland, PA	warm	Geauga, OH	2
Pittsburgh, PA	Westmoreland, PA	warm	Gilmer, WV	44
Pittsburgh, PA	Westmoreland, PA	warm	Grant, WV	7
Pittsburgh, PA	Westmoreland, PA	warm	Greene, PA	98
Pittsburgh, PA	Westmoreland, PA	warm	Guernsey, OH	18
Pittsburgh, PA	Westmoreland, PA	warm	Hampshire, WV	9
Pittsburgh, PA	Westmoreland, PA	warm	Hancock, WV	46
Pittsburgh, PA	Westmoreland, PA	warm	Hardy, WV	7
Pittsburgh, PA	Westmoreland, PA	warm	Harrison, OH	24
Pittsburgh, PA	Westmoreland, PA	warm	Harrison, WV	80
Pittsburgh, PA	Westmoreland, PA	warm	Holmes, OH	4
Pittsburgh, PA	Westmoreland, PA	warm	Huntingdon, PA	4
Pittsburgh, PA	Westmoreland, PA	warm	Indiana, PA	12
Pittsburgh, PA	Westmoreland, PA	warm	Jefferson, OH	42
Pittsburgh, PA	Westmoreland, PA	warm	Jefferson, PA	3
Pittsburgh, PA	Westmoreland, PA	warm	Jefferson, WV	4
Pittsburgh, PA	Westmoreland, PA	warm	Juniata, PA	2
Pittsburgh, PA	Westmoreland, PA	warm	Knox, OH	4
Pittsburgh, PA	Westmoreland, PA	warm	Lake, OH	2
Pittsburgh, PA	Westmoreland, PA	warm	Lawrence, PA	13
Pittsburgh, PA	Westmoreland, PA	warm	Lewis, WV	48
Pittsburgh, PA	Westmoreland, PA	warm	Loudoun, VA	1
Pittsburgh, PA	Westmoreland, PA	warm	Lycoming, PA	0
Pittsburgh, PA	Westmoreland, PA	warm	Mahoning, OH	7
Pittsburgh, PA	Westmoreland, PA	warm	Marion, WV	100
Pittsburgh, PA	Westmoreland, PA	warm	Marshall, WV	85
Pittsburgh, PA	Westmoreland, PA	warm	McKean, PA	1
Pittsburgh, PA	Westmoreland, PA	warm	Medina, OH	2
Pittsburgh, PA	Westmoreland, PA	warm	Mercer, PA	6
Pittsburgh, PA	Westmoreland, PA	warm	Mifflin, PA	2
Pittsburgh, PA	Westmoreland, PA	warm	Mineral, WV	10
Pittsburgh, PA	Westmoreland, PA	warm	Monongalia, WV	86
Pittsburgh, PA	Westmoreland, PA	warm	Monroe, OH	53
Pittsburgh, PA	Westmoreland, PA	warm	Morgan, OH	20
Pittsburgh, PA	Westmoreland, PA	warm	Morgan, WV	9
Pittsburgh, PA	Westmoreland, PA	warm	Muskingum, OH	12
Pittsburgh, PA	Westmoreland, PA	warm	Noble, OH	27
Pittsburgh, PA	Westmoreland, PA	warm	Ohio, WV	77

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Pittsburgh, PA	Westmoreland, PA	warm	Pendleton, WV	4
Pittsburgh, PA	Westmoreland, PA	warm	Pleasants, WV	53
Pittsburgh, PA	Westmoreland, PA	warm	Portage, OH	3
Pittsburgh, PA	Westmoreland, PA	warm	Potter, PA	1
Pittsburgh, PA	Westmoreland, PA	warm	Preston, WV	35
Pittsburgh, PA	Westmoreland, PA	warm	Randolph, WV	13
Pittsburgh, PA	Westmoreland, PA	warm	Ritchie, WV	53
Pittsburgh, PA	Westmoreland, PA	warm	Somerset, PA	20
Pittsburgh, PA	Westmoreland, PA	warm	Stark, OH	4
Pittsburgh, PA	Westmoreland, PA	warm	Summit, OH	2
Pittsburgh, PA	Westmoreland, PA	warm	Taylor, WV	70
Pittsburgh, PA	Westmoreland, PA	warm	Trumbull, OH	4
Pittsburgh, PA	Westmoreland, PA	warm	Tucker, WV	15
Pittsburgh, PA	Westmoreland, PA	warm	Tuscarawas, OH	8
Pittsburgh, PA	Westmoreland, PA	warm	Tyler, WV	77
Pittsburgh, PA	Westmoreland, PA	warm	Union, PA	1
Pittsburgh, PA	Westmoreland, PA	warm	Upshur, WV	33
Pittsburgh, PA	Westmoreland, PA	warm	Venango, PA	3
Pittsburgh, PA	Westmoreland, PA	warm	Warren, PA	2
Pittsburgh, PA	Westmoreland, PA	warm	Washington, MD	4
Pittsburgh, PA	Westmoreland, PA	warm	Washington, OH	33
Pittsburgh, PA	Westmoreland, PA	warm	Washington, PA	93
Pittsburgh, PA	Westmoreland, PA	warm	Wayne, OH	2
Pittsburgh, PA	Westmoreland, PA	warm	Westmoreland, PA	51
Pittsburgh, PA	Westmoreland, PA	warm	Wetzel, WV	95
Pittsburgh, PA	Westmoreland, PA	warm	Wood, WV	29
Pittsburgh, PA	Westmoreland, PA	warm	Wyoming, NY	1
Provo, UT	Utah, UT	cold	Ada, ID	0
Provo, UT	Utah, UT	cold	Albany, WY	0
Provo, UT	Utah, UT	cold	Apache, AZ	0
Provo, UT	Utah, UT	cold	Archuleta, CO	0
Provo, UT	Utah, UT	cold	Baker, OR	0
Provo, UT	Utah, UT	cold	Bannock, ID	0
Provo, UT	Utah, UT	cold	Bear Lake, ID	1
Provo, UT	Utah, UT	cold	Beaver, UT	1
Provo, UT	Utah, UT	cold	Bingham, ID	0
Provo, UT	Utah, UT	cold	Blaine, ID	0
Provo, UT	Utah, UT	cold	Boise, ID	0
Provo, UT	Utah, UT	cold	Bonneville, ID	0
Provo, UT	Utah, UT	cold	Box Elder, UT	2
Provo, UT	Utah, UT	cold	Butte, ID	0
Provo, UT	Utah, UT	cold	Cache, UT	1
Provo, UT	Utah, UT	cold	Camas, ID	0
Provo, UT	Utah, UT	cold	Canyon, ID	0
Provo, UT	Utah, UT	cold	Carbon, UT	19
Provo, UT	Utah, UT	cold	Carbon, WY	0
Provo, UT	Utah, UT	cold	Caribou, ID	0
Provo, UT	Utah, UT	cold	Carson, NV	0
Provo, UT	Utah, UT	cold	Cassia, ID	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Provo, UT	Utah, UT	cold	Catron, NM	0
Provo, UT	Utah, UT	cold	Chaffee, CO	0
Provo, UT	Utah, UT	cold	Churchill, NV	0
Provo, UT	Utah, UT	cold	Cibola, NM	0
Provo, UT	Utah, UT	cold	Clark, NV	0
Provo, UT	Utah, UT	cold	Coconino, AZ	0
Provo, UT	Utah, UT	cold	Converse, WY	0
Provo, UT	Utah, UT	cold	Crook, OR	0
Provo, UT	Utah, UT	cold	Custer, ID	0
Provo, UT	Utah, UT	cold	Daggett, UT	0
Provo, UT	Utah, UT	cold	Davis, UT	41
Provo, UT	Utah, UT	cold	Delta, CO	0
Provo, UT	Utah, UT	cold	Deschutes, OR	0
Provo, UT	Utah, UT	cold	Dolores, CO	0
Provo, UT	Utah, UT	cold	Duchesne, UT	8
Provo, UT	Utah, UT	cold	Eagle, CO	0
Provo, UT	Utah, UT	cold	Elko, NV	0
Provo, UT	Utah, UT	cold	Elmore, ID	0
Provo, UT	Utah, UT	cold	Emery, UT	8
Provo, UT	Utah, UT	cold	Esmeralda, NV	0
Provo, UT	Utah, UT	cold	Eureka, NV	0
Provo, UT	Utah, UT	cold	Franklin, ID	0
Provo, UT	Utah, UT	cold	Fremont, WY	0
Provo, UT	Utah, UT	cold	Fresno, CA	0
Provo, UT	Utah, UT	cold	Garfield, CO	0
Provo, UT	Utah, UT	cold	Garfield, UT	0
Provo, UT	Utah, UT	cold	Gem, ID	0
Provo, UT	Utah, UT	cold	Gila, AZ	0
Provo, UT	Utah, UT	cold	Gooding, ID	0
Provo, UT	Utah, UT	cold	Graham, AZ	0
Provo, UT	Utah, UT	cold	Grand, CO	0
Provo, UT	Utah, UT	cold	Grand, UT	0
Provo, UT	Utah, UT	cold	Grant, OR	0
Provo, UT	Utah, UT	cold	Greenlee, AZ	0
Provo, UT	Utah, UT	cold	Gunnison, CO	0
Provo, UT	Utah, UT	cold	Harney, OR	0
Provo, UT	Utah, UT	cold	Hot Springs, WY	0
Provo, UT	Utah, UT	cold	Humboldt, NV	0
Provo, UT	Utah, UT	cold	Inyo, CA	0
Provo, UT	Utah, UT	cold	Iron, UT	0
Provo, UT	Utah, UT	cold	Jackson, CO	0
Provo, UT	Utah, UT	cold	Jerome, ID	0
Provo, UT	Utah, UT	cold	Juab, UT	9
Provo, UT	Utah, UT	cold	Kane, UT	0
Provo, UT	Utah, UT	cold	Kern, CA	0
Provo, UT	Utah, UT	cold	La Paz, AZ	0
Provo, UT	Utah, UT	cold	La Plata, CO	0
Provo, UT	Utah, UT	cold	Lake, CO	0
Provo, UT	Utah, UT	cold	Lake, OR	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Provo, UT	Utah, UT	cold	Lander, NV	0
Provo, UT	Utah, UT	cold	Lassen, CA	0
Provo, UT	Utah, UT	cold	Lincoln, ID	0
Provo, UT	Utah, UT	cold	Lincoln, NV	0
Provo, UT	Utah, UT	cold	Lincoln, WY	0
Provo, UT	Utah, UT	cold	Lyon, NV	0
Provo, UT	Utah, UT	cold	Malheur, OR	0
Provo, UT	Utah, UT	cold	McKinley, NM	0
Provo, UT	Utah, UT	cold	Mesa, CO	0
Provo, UT	Utah, UT	cold	Millard, UT	4
Provo, UT	Utah, UT	cold	Mineral, NV	0
Provo, UT	Utah, UT	cold	Minidoka, ID	0
Provo, UT	Utah, UT	cold	Modoc, CA	0
Provo, UT	Utah, UT	cold	Moffat, CO	0
Provo, UT	Utah, UT	cold	Mohave, AZ	0
Provo, UT	Utah, UT	cold	Mono, CA	0
Provo, UT	Utah, UT	cold	Montezuma, CO	0
Provo, UT	Utah, UT	cold	Montrose, CO	0
Provo, UT	Utah, UT	cold	Morgan, UT	9
Provo, UT	Utah, UT	cold	Natrona, WY	0
Provo, UT	Utah, UT	cold	Navajo, AZ	0
Provo, UT	Utah, UT	cold	Nevada, CA	0
Provo, UT	Utah, UT	cold	Nye, NV	0
Provo, UT	Utah, UT	cold	Oneida, ID	1
Provo, UT	Utah, UT	cold	Ouray, CO	0
Provo, UT	Utah, UT	cold	Owyhee, ID	0
Provo, UT	Utah, UT	cold	Park, WY	0
Provo, UT	Utah, UT	cold	Payette, ID	0
Provo, UT	Utah, UT	cold	Pershing, NV	0
Provo, UT	Utah, UT	cold	Pitkin, CO	0
Provo, UT	Utah, UT	cold	Piute, UT	0
Provo, UT	Utah, UT	cold	Placer, CA	0
Provo, UT	Utah, UT	cold	Power, ID	1
Provo, UT	Utah, UT	cold	Rich, UT	1
Provo, UT	Utah, UT	cold	Rio Arriba, NM	0
Provo, UT	Utah, UT	cold	Rio Blanco, CO	0
Provo, UT	Utah, UT	cold	Routt, CO	0
Provo, UT	Utah, UT	cold	Salt Lake, UT	80
Provo, UT	Utah, UT	cold	San Bernardino, CA	0
Provo, UT	Utah, UT	cold	San Juan, CO	0
Provo, UT	Utah, UT	cold	San Juan, NM	0
Provo, UT	Utah, UT	cold	San Juan, UT	0
Provo, UT	Utah, UT	cold	San Miguel, CO	0
Provo, UT	Utah, UT	cold	Sandoval, NM	0
Provo, UT	Utah, UT	cold	Sanpete, UT	24
Provo, UT	Utah, UT	cold	Sevier, UT	1
Provo, UT	Utah, UT	cold	Sierra, CA	0
Provo, UT	Utah, UT	cold	Storey, NV	0
Provo, UT	Utah, UT	cold	Sublette, WY	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Provo, UT	Utah, UT	cold	Summit, CO	0
Provo, UT	Utah, UT	cold	Summit, UT	5
Provo, UT	Utah, UT	cold	Sweetwater, WY	0
Provo, UT	Utah, UT	cold	Teton, WY	0
Provo, UT	Utah, UT	cold	Tooele, UT	7
Provo, UT	Utah, UT	cold	Tulare, CA	0
Provo, UT	Utah, UT	cold	Twin Falls, ID	0
Provo, UT	Utah, UT	cold	Uinta, WY	0
Provo, UT	Utah, UT	cold	Uintah, UT	2
Provo, UT	Utah, UT	cold	Utah, UT	100
Provo, UT	Utah, UT	cold	Wasatch, UT	31
Provo, UT	Utah, UT	cold	Washakie, WY	0
Provo, UT	Utah, UT	cold	Washington, ID	0
Provo, UT	Utah, UT	cold	Washington, UT	0
Provo, UT	Utah, UT	cold	Washoe, NV	0
Provo, UT	Utah, UT	cold	Wayne, UT	1
Provo, UT	Utah, UT	cold	Weber, UT	10
Provo, UT	Utah, UT	cold	White Pine, NV	0
Provo, UT	Utah, UT	cold	Yavapai, AZ	0
Reading, PA	Berks, PA	cold	Adams, PA	44
Reading, PA	Berks, PA	cold	Allegany, NY	1
Reading, PA	Berks, PA	cold	Anne Arundel, MD	27
Reading, PA	Berks, PA	cold	Arlington, VA	22
Reading, PA	Berks, PA	cold	Atlantic, NJ	28
Reading, PA	Berks, PA	cold	Baltimore (City), MD	40
Reading, PA	Berks, PA	cold	Baltimore, MD	47
Reading, PA	Berks, PA	cold	Bedford, PA	9
Reading, PA	Berks, PA	cold	Berks, PA	88
Reading, PA	Berks, PA	cold	Blair, PA	10
Reading, PA	Berks, PA	cold	Bradford, PA	2
Reading, PA	Berks, PA	cold	Broome, NY	1
Reading, PA	Berks, PA	cold	Bucks, PA	45
Reading, PA	Berks, PA	cold	Burlington, NJ	30
Reading, PA	Berks, PA	cold	Calvert, MD	12
Reading, PA	Berks, PA	cold	Camden, NJ	45
Reading, PA	Berks, PA	cold	Cameron, PA	6
Reading, PA	Berks, PA	cold	Cape May, NJ	28
Reading, PA	Berks, PA	cold	Carbon, PA	25
Reading, PA	Berks, PA	cold	Caroline, MD	30
Reading, PA	Berks, PA	cold	Carroll, MD	40
Reading, PA	Berks, PA	cold	Cecil, MD	78
Reading, PA	Berks, PA	cold	Centre, PA	13
Reading, PA	Berks, PA	cold	Chemung, NY	2
Reading, PA	Berks, PA	cold	Chester, PA	96
Reading, PA	Berks, PA	cold	Clearfield, PA	7
Reading, PA	Berks, PA	cold	Clinton, PA	9
Reading, PA	Berks, PA	cold	Columbia, PA	21
Reading, PA	Berks, PA	cold	Cumberland, NJ	47
Reading, PA	Berks, PA	cold	Cumberland, PA	48

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Reading, PA	Berks, PA	cold	Dauphin, PA	71
Reading, PA	Berks, PA	cold	Delaware, NY	0
Reading, PA	Berks, PA	cold	Delaware, PA	79
Reading, PA	Berks, PA	cold	District of Columbia, DC	22
Reading, PA	Berks, PA	cold	Dorchester, MD	12
Reading, PA	Berks, PA	cold	Essex, NJ	4
Reading, PA	Berks, PA	cold	Fairfax, VA	20
Reading, PA	Berks, PA	cold	Franklin, PA	25
Reading, PA	Berks, PA	cold	Frederick, MD	29
Reading, PA	Berks, PA	cold	Fulton, PA	15
Reading, PA	Berks, PA	cold	Gloucester, NJ	58
Reading, PA	Berks, PA	cold	Harford, MD	66
Reading, PA	Berks, PA	cold	Howard, MD	32
Reading, PA	Berks, PA	cold	Hunterdon, NJ	23
Reading, PA	Berks, PA	cold	Huntingdon, PA	17
Reading, PA	Berks, PA	cold	Juniata, PA	34
Reading, PA	Berks, PA	cold	Kent, DE	44
Reading, PA	Berks, PA	cold	Kent, MD	53
Reading, PA	Berks, PA	cold	Lackawanna, PA	3
Reading, PA	Berks, PA	cold	Lancaster, PA	100
Reading, PA	Berks, PA	cold	Lebanon, PA	92
Reading, PA	Berks, PA	cold	Lehigh, PA	51
Reading, PA	Berks, PA	cold	Loudoun, VA	22
Reading, PA	Berks, PA	cold	Luzerne, PA	12
Reading, PA	Berks, PA	cold	Lycoming, PA	7
Reading, PA	Berks, PA	cold	McKean, PA	3
Reading, PA	Berks, PA	cold	Mercer, NJ	25
Reading, PA	Berks, PA	cold	Middlesex, NJ	13
Reading, PA	Berks, PA	cold	Mifflin, PA	24
Reading, PA	Berks, PA	cold	Monmouth, NJ	13
Reading, PA	Berks, PA	cold	Monroe, PA	10
Reading, PA	Berks, PA	cold	Montgomery, MD	27
Reading, PA	Berks, PA	cold	Montgomery, PA	71
Reading, PA	Berks, PA	cold	Montour, PA	22
Reading, PA	Berks, PA	cold	Morris, NJ	5
Reading, PA	Berks, PA	cold	New Castle, DE	76
Reading, PA	Berks, PA	cold	Northampton, PA	27
Reading, PA	Berks, PA	cold	Northumberland, PA	38
Reading, PA	Berks, PA	cold	Ocean, NJ	17
Reading, PA	Berks, PA	cold	Orange, NY	0
Reading, PA	Berks, PA	cold	Passaic, NJ	2
Reading, PA	Berks, PA	cold	Perry, PA	46
Reading, PA	Berks, PA	cold	Philadelphia, PA	59
Reading, PA	Berks, PA	cold	Pike, PA	2
Reading, PA	Berks, PA	cold	Potter, PA	3
Reading, PA	Berks, PA	cold	Prince George's, MD	19
Reading, PA	Berks, PA	cold	Queen Anne's, MD	39
Reading, PA	Berks, PA	cold	Salem, NJ	65
Reading, PA	Berks, PA	cold	Schuylkill, PA	57

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Reading, PA	Berks, PA	cold	Snyder, PA	33
Reading, PA	Berks, PA	cold	Somerset, NJ	14
Reading, PA	Berks, PA	cold	Steuben, NY	1
Reading, PA	Berks, PA	cold	Sullivan, NY	0
Reading, PA	Berks, PA	cold	Sullivan, PA	4
Reading, PA	Berks, PA	cold	Susquehanna, PA	1
Reading, PA	Berks, PA	cold	Sussex, DE	22
Reading, PA	Berks, PA	cold	Sussex, NJ	2
Reading, PA	Berks, PA	cold	Talbot, MD	21
Reading, PA	Berks, PA	cold	Tioga, NY	1
Reading, PA	Berks, PA	cold	Tioga, PA	2
Reading, PA	Berks, PA	cold	Union, NJ	6
Reading, PA	Berks, PA	cold	Union, PA	21
Reading, PA	Berks, PA	cold	Warren, NJ	12
Reading, PA	Berks, PA	cold	Washington, MD	21
Reading, PA	Berks, PA	cold	Wayne, PA	1
Reading, PA	Berks, PA	cold	Wicomico, MD	12
Reading, PA	Berks, PA	cold	Worcester, MD	9
Reading, PA	Berks, PA	cold	Wyoming, PA	3
Reading, PA	Berks, PA	cold	York, PA	71
Reading, PA	Berks, PA	warm	Adams, PA	89
Reading, PA	Berks, PA	warm	Allegany, NY	0
Reading, PA	Berks, PA	warm	Anne Arundel, MD	49
Reading, PA	Berks, PA	warm	Arlington, VA	38
Reading, PA	Berks, PA	warm	Atlantic, NJ	28
Reading, PA	Berks, PA	warm	Baltimore (City), MD	66
Reading, PA	Berks, PA	warm	Baltimore, MD	75
Reading, PA	Berks, PA	warm	Bedford, PA	53
Reading, PA	Berks, PA	warm	Berks, PA	81
Reading, PA	Berks, PA	warm	Blair, PA	44
Reading, PA	Berks, PA	warm	Bradford, PA	3
Reading, PA	Berks, PA	warm	Broome, NY	0
Reading, PA	Berks, PA	warm	Bucks, PA	49
Reading, PA	Berks, PA	warm	Burlington, NJ	33
Reading, PA	Berks, PA	warm	Calvert, MD	34
Reading, PA	Berks, PA	warm	Camden, NJ	45
Reading, PA	Berks, PA	warm	Cameron, PA	7
Reading, PA	Berks, PA	warm	Cape May, NJ	26
Reading, PA	Berks, PA	warm	Carbon, PA	38
Reading, PA	Berks, PA	warm	Caroline, MD	42
Reading, PA	Berks, PA	warm	Carroll, MD	77
Reading, PA	Berks, PA	warm	Cecil, MD	77
Reading, PA	Berks, PA	warm	Centre, PA	31
Reading, PA	Berks, PA	warm	Chemung, NY	1
Reading, PA	Berks, PA	warm	Chester, PA	85
Reading, PA	Berks, PA	warm	Clearfield, PA	18
Reading, PA	Berks, PA	warm	Clinton, PA	18
Reading, PA	Berks, PA	warm	Columbia, PA	37
Reading, PA	Berks, PA	warm	Cumberland, NJ	42

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Reading, PA	Berks, PA	warm	Cumberland, PA	89
Reading, PA	Berks, PA	warm	Dauphin, PA	90
Reading, PA	Berks, PA	warm	Delaware, NY	0
Reading, PA	Berks, PA	warm	Delaware, PA	70
Reading, PA	Berks, PA	warm	District of Columbia, DC	40
Reading, PA	Berks, PA	warm	Dorchester, MD	34
Reading, PA	Berks, PA	warm	Essex, NJ	8
Reading, PA	Berks, PA	warm	Fairfax, VA	33
Reading, PA	Berks, PA	warm	Franklin, PA	74
Reading, PA	Berks, PA	warm	Frederick, MD	64
Reading, PA	Berks, PA	warm	Fulton, PA	63
Reading, PA	Berks, PA	warm	Gloucester, NJ	53
Reading, PA	Berks, PA	warm	Harford, MD	82
Reading, PA	Berks, PA	warm	Howard, MD	58
Reading, PA	Berks, PA	warm	Hunterdon, NJ	32
Reading, PA	Berks, PA	warm	Huntingdon, PA	56
Reading, PA	Berks, PA	warm	Juniata, PA	68
Reading, PA	Berks, PA	warm	Kent, DE	45
Reading, PA	Berks, PA	warm	Kent, MD	61
Reading, PA	Berks, PA	warm	Lackawanna, PA	9
Reading, PA	Berks, PA	warm	Lancaster, PA	100
Reading, PA	Berks, PA	warm	Lebanon, PA	95
Reading, PA	Berks, PA	warm	Lehigh, PA	57
Reading, PA	Berks, PA	warm	Loudoun, VA	39
Reading, PA	Berks, PA	warm	Luzerne, PA	25
Reading, PA	Berks, PA	warm	Lycoming, PA	16
Reading, PA	Berks, PA	warm	McKean, PA	1
Reading, PA	Berks, PA	warm	Mercer, NJ	32
Reading, PA	Berks, PA	warm	Middlesex, NJ	19
Reading, PA	Berks, PA	warm	Mifflin, PA	56
Reading, PA	Berks, PA	warm	Monmouth, NJ	16
Reading, PA	Berks, PA	warm	Monroe, PA	21
Reading, PA	Berks, PA	warm	Montgomery, MD	48
Reading, PA	Berks, PA	warm	Montgomery, PA	67
Reading, PA	Berks, PA	warm	Montour, PA	40
Reading, PA	Berks, PA	warm	Morris, NJ	12
Reading, PA	Berks, PA	warm	New Castle, DE	68
Reading, PA	Berks, PA	warm	Northampton, PA	38
Reading, PA	Berks, PA	warm	Northumberland, PA	56
Reading, PA	Berks, PA	warm	Ocean, NJ	19
Reading, PA	Berks, PA	warm	Orange, NY	2
Reading, PA	Berks, PA	warm	Passaic, NJ	5
Reading, PA	Berks, PA	warm	Perry, PA	81
Reading, PA	Berks, PA	warm	Philadelphia, PA	57
Reading, PA	Berks, PA	warm	Pike, PA	7
Reading, PA	Berks, PA	warm	Potter, PA	3
Reading, PA	Berks, PA	warm	Prince George's, MD	39
Reading, PA	Berks, PA	warm	Queen Anne's, MD	51
Reading, PA	Berks, PA	warm	Salem, NJ	57

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Reading, PA	Berks, PA	warm	Schuylkill, PA	66
Reading, PA	Berks, PA	warm	Snyder, PA	57
Reading, PA	Berks, PA	warm	Somerset, NJ	22
Reading, PA	Berks, PA	warm	Steuben, NY	0
Reading, PA	Berks, PA	warm	Sullivan, NY	1
Reading, PA	Berks, PA	warm	Sullivan, PA	12
Reading, PA	Berks, PA	warm	Susquehanna, PA	2
Reading, PA	Berks, PA	warm	Sussex, DE	32
Reading, PA	Berks, PA	warm	Sussex, NJ	8
Reading, PA	Berks, PA	warm	Talbot, MD	41
Reading, PA	Berks, PA	warm	Tioga, NY	1
Reading, PA	Berks, PA	warm	Tioga, PA	4
Reading, PA	Berks, PA	warm	Union, NJ	11
Reading, PA	Berks, PA	warm	Union, PA	41
Reading, PA	Berks, PA	warm	Warren, NJ	22
Reading, PA	Berks, PA	warm	Washington, MD	62
Reading, PA	Berks, PA	warm	Wayne, PA	3
Reading, PA	Berks, PA	warm	Wicomico, MD	31
Reading, PA	Berks, PA	warm	Worcester, MD	27
Reading, PA	Berks, PA	warm	Wyoming, PA	8
Reading, PA	Berks, PA	warm	York, PA	99
Sacramento, CA	Placer, CA	cold	Ada, ID	0
Sacramento, CA	Placer, CA	cold	Alameda, CA	3
Sacramento, CA	Placer, CA	cold	Alpine, CA	0
Sacramento, CA	Placer, CA	cold	Amador, CA	34
Sacramento, CA	Placer, CA	cold	Baker, OR	0
Sacramento, CA	Placer, CA	cold	Box Elder, UT	0
Sacramento, CA	Placer, CA	cold	Butte, CA	23
Sacramento, CA	Placer, CA	cold	Calaveras, CA	28
Sacramento, CA	Placer, CA	cold	Canyon, ID	0
Sacramento, CA	Placer, CA	cold	Carson, NV	0
Sacramento, CA	Placer, CA	cold	Cassia, ID	0
Sacramento, CA	Placer, CA	cold	Churchill, NV	0
Sacramento, CA	Placer, CA	cold	Clark, NV	0
Sacramento, CA	Placer, CA	cold	Colusa, CA	20
Sacramento, CA	Placer, CA	cold	Contra Costa, CA	4
Sacramento, CA	Placer, CA	cold	Crook, OR	0
Sacramento, CA	Placer, CA	cold	Del Norte, CA	0
Sacramento, CA	Placer, CA	cold	Deschutes, OR	0
Sacramento, CA	Placer, CA	cold	Douglas, NV	0
Sacramento, CA	Placer, CA	cold	Douglas, OR	0
Sacramento, CA	Placer, CA	cold	El Dorado, CA	20
Sacramento, CA	Placer, CA	cold	Elko, NV	0
Sacramento, CA	Placer, CA	cold	Elmore, ID	0
Sacramento, CA	Placer, CA	cold	Esmeralda, NV	0
Sacramento, CA	Placer, CA	cold	Eureka, NV	0
Sacramento, CA	Placer, CA	cold	Fresno, CA	2
Sacramento, CA	Placer, CA	cold	Glenn, CA	15
Sacramento, CA	Placer, CA	cold	Grant, OR	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Sacramento, CA	Placer, CA	cold	Harney, OR	0
Sacramento, CA	Placer, CA	cold	Humboldt, CA	0
Sacramento, CA	Placer, CA	cold	Humboldt, NV	0
Sacramento, CA	Placer, CA	cold	Inyo, CA	0
Sacramento, CA	Placer, CA	cold	Jackson, OR	0
Sacramento, CA	Placer, CA	cold	Jefferson, OR	0
Sacramento, CA	Placer, CA	cold	Josephine, OR	0
Sacramento, CA	Placer, CA	cold	Kern, CA	0
Sacramento, CA	Placer, CA	cold	Kings, CA	1
Sacramento, CA	Placer, CA	cold	Klamath, OR	0
Sacramento, CA	Placer, CA	cold	Lake, CA	0
Sacramento, CA	Placer, CA	cold	Lake, OR	0
Sacramento, CA	Placer, CA	cold	Lander, NV	0
Sacramento, CA	Placer, CA	cold	Lane, OR	0
Sacramento, CA	Placer, CA	cold	Lassen, CA	0
Sacramento, CA	Placer, CA	cold	Lincoln, NV	0
Sacramento, CA	Placer, CA	cold	Linn, OR	0
Sacramento, CA	Placer, CA	cold	Lyon, NV	0
Sacramento, CA	Placer, CA	cold	Madera, CA	5
Sacramento, CA	Placer, CA	cold	Malheur, OR	0
Sacramento, CA	Placer, CA	cold	Marin, CA	1
Sacramento, CA	Placer, CA	cold	Mariposa, CA	15
Sacramento, CA	Placer, CA	cold	Mendocino, CA	0
Sacramento, CA	Placer, CA	cold	Merced, CA	10
Sacramento, CA	Placer, CA	cold	Mineral, NV	0
Sacramento, CA	Placer, CA	cold	Modoc, CA	2
Sacramento, CA	Placer, CA	cold	Mono, CA	0
Sacramento, CA	Placer, CA	cold	Monterey, CA	0
Sacramento, CA	Placer, CA	cold	Morrow, OR	0
Sacramento, CA	Placer, CA	cold	Napa, CA	1
Sacramento, CA	Placer, CA	cold	Nevada, CA	16
Sacramento, CA	Placer, CA	cold	Nye, NV	0
Sacramento, CA	Placer, CA	cold	Owyhee, ID	0
Sacramento, CA	Placer, CA	cold	Payette, ID	0
Sacramento, CA	Placer, CA	cold	Pershing, NV	0
Sacramento, CA	Placer, CA	cold	Placer, CA	46
Sacramento, CA	Placer, CA	cold	Plumas, CA	0
Sacramento, CA	Placer, CA	cold	Sacramento, CA	89
Sacramento, CA	Placer, CA	cold	San Benito, CA	0
Sacramento, CA	Placer, CA	cold	San Bernardino, CA	0
Sacramento, CA	Placer, CA	cold	San Francisco, CA	1
Sacramento, CA	Placer, CA	cold	San Joaquin, CA	19
Sacramento, CA	Placer, CA	cold	San Mateo, CA	1
Sacramento, CA	Placer, CA	cold	Santa Clara, CA	2
Sacramento, CA	Placer, CA	cold	Santa Cruz, CA	0
Sacramento, CA	Placer, CA	cold	Shasta, CA	4
Sacramento, CA	Placer, CA	cold	Sierra, CA	1
Sacramento, CA	Placer, CA	cold	Siskiyou, CA	2
Sacramento, CA	Placer, CA	cold	Solano, CA	8

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Sacramento, CA	Placer, CA	cold	Sonoma, CA	1
Sacramento, CA	Placer, CA	cold	Stanislaus, CA	15
Sacramento, CA	Placer, CA	cold	Storey, NV	0
Sacramento, CA	Placer, CA	cold	Sutter, CA	100
Sacramento, CA	Placer, CA	cold	Tehama, CA	6
Sacramento, CA	Placer, CA	cold	Tooele, UT	0
Sacramento, CA	Placer, CA	cold	Trinity, CA	1
Sacramento, CA	Placer, CA	cold	Tulare, CA	1
Sacramento, CA	Placer, CA	cold	Tuolumne, CA	11
Sacramento, CA	Placer, CA	cold	Twin Falls, ID	0
Sacramento, CA	Placer, CA	cold	Umatilla, OR	0
Sacramento, CA	Placer, CA	cold	Union, OR	0
Sacramento, CA	Placer, CA	cold	Washington, ID	0
Sacramento, CA	Placer, CA	cold	Washoe, NV	0
Sacramento, CA	Placer, CA	cold	Wheeler, OR	0
Sacramento, CA	Placer, CA	cold	White Pine, NV	0
Sacramento, CA	Placer, CA	cold	Yolo, CA	39
Sacramento, CA	Placer, CA	cold	Yuba, CA	75
Sacramento, CA	Placer, CA	warm	Ada, ID	0
Sacramento, CA	Placer, CA	warm	Alameda, CA	40
Sacramento, CA	Placer, CA	warm	Alpine, CA	1
Sacramento, CA	Placer, CA	warm	Amador, CA	22
Sacramento, CA	Placer, CA	warm	Baker, OR	0
Sacramento, CA	Placer, CA	warm	Box Elder, UT	0
Sacramento, CA	Placer, CA	warm	Butte, CA	33
Sacramento, CA	Placer, CA	warm	Calaveras, CA	13
Sacramento, CA	Placer, CA	warm	Canyon, ID	0
Sacramento, CA	Placer, CA	warm	Carson, NV	3
Sacramento, CA	Placer, CA	warm	Cassia, ID	0
Sacramento, CA	Placer, CA	warm	Churchill, NV	0
Sacramento, CA	Placer, CA	warm	Clark, NV	0
Sacramento, CA	Placer, CA	warm	Colusa, CA	47
Sacramento, CA	Placer, CA	warm	Contra Costa, CA	58
Sacramento, CA	Placer, CA	warm	Crook, OR	0
Sacramento, CA	Placer, CA	warm	Del Norte, CA	6
Sacramento, CA	Placer, CA	warm	Deschutes, OR	0
Sacramento, CA	Placer, CA	warm	Douglas, NV	2
Sacramento, CA	Placer, CA	warm	Douglas, OR	2
Sacramento, CA	Placer, CA	warm	El Dorado, CA	10
Sacramento, CA	Placer, CA	warm	Elko, NV	0
Sacramento, CA	Placer, CA	warm	Elmore, ID	0
Sacramento, CA	Placer, CA	warm	Esmeralda, NV	0
Sacramento, CA	Placer, CA	warm	Eureka, NV	0
Sacramento, CA	Placer, CA	warm	Fresno, CA	1
Sacramento, CA	Placer, CA	warm	Glenn, CA	27
Sacramento, CA	Placer, CA	warm	Grant, OR	0
Sacramento, CA	Placer, CA	warm	Harney, OR	0
Sacramento, CA	Placer, CA	warm	Humboldt, CA	11
Sacramento, CA	Placer, CA	warm	Humboldt, NV	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Sacramento, CA	Placer, CA	warm	Inyo, CA	0
Sacramento, CA	Placer, CA	warm	Jackson, OR	1
Sacramento, CA	Placer, CA	warm	Jefferson, OR	0
Sacramento, CA	Placer, CA	warm	Josephine, OR	5
Sacramento, CA	Placer, CA	warm	Kern, CA	0
Sacramento, CA	Placer, CA	warm	Kings, CA	1
Sacramento, CA	Placer, CA	warm	Klamath, OR	0
Sacramento, CA	Placer, CA	warm	Lake, CA	27
Sacramento, CA	Placer, CA	warm	Lake, OR	0
Sacramento, CA	Placer, CA	warm	Lander, NV	0
Sacramento, CA	Placer, CA	warm	Lane, OR	1
Sacramento, CA	Placer, CA	warm	Lassen, CA	1
Sacramento, CA	Placer, CA	warm	Lincoln, NV	0
Sacramento, CA	Placer, CA	warm	Linn, OR	0
Sacramento, CA	Placer, CA	warm	Lyon, NV	1
Sacramento, CA	Placer, CA	warm	Madera, CA	1
Sacramento, CA	Placer, CA	warm	Malheur, OR	0
Sacramento, CA	Placer, CA	warm	Marin, CA	65
Sacramento, CA	Placer, CA	warm	Mariposa, CA	1
Sacramento, CA	Placer, CA	warm	Mendocino, CA	19
Sacramento, CA	Placer, CA	warm	Merced, CA	8
Sacramento, CA	Placer, CA	warm	Mineral, NV	0
Sacramento, CA	Placer, CA	warm	Modoc, CA	0
Sacramento, CA	Placer, CA	warm	Mono, CA	0
Sacramento, CA	Placer, CA	warm	Monterey, CA	4
Sacramento, CA	Placer, CA	warm	Morrow, OR	0
Sacramento, CA	Placer, CA	warm	Napa, CA	58
Sacramento, CA	Placer, CA	warm	Nevada, CA	12
Sacramento, CA	Placer, CA	warm	Nye, NV	0
Sacramento, CA	Placer, CA	warm	Owyhee, ID	0
Sacramento, CA	Placer, CA	warm	Payette, ID	0
Sacramento, CA	Placer, CA	warm	Pershing, NV	0
Sacramento, CA	Placer, CA	warm	Placer, CA	25
Sacramento, CA	Placer, CA	warm	Plumas, CA	4
Sacramento, CA	Placer, CA	warm	Sacramento, CA	100
Sacramento, CA	Placer, CA	warm	San Benito, CA	4
Sacramento, CA	Placer, CA	warm	San Bernardino, CA	0
Sacramento, CA	Placer, CA	warm	San Francisco, CA	54
Sacramento, CA	Placer, CA	warm	San Joaquin, CA	64
Sacramento, CA	Placer, CA	warm	San Mateo, CA	38
Sacramento, CA	Placer, CA	warm	Santa Clara, CA	19
Sacramento, CA	Placer, CA	warm	Santa Cruz, CA	15
Sacramento, CA	Placer, CA	warm	Shasta, CA	5
Sacramento, CA	Placer, CA	warm	Sierra, CA	3
Sacramento, CA	Placer, CA	warm	Siskiyou, CA	3
Sacramento, CA	Placer, CA	warm	Solano, CA	77
Sacramento, CA	Placer, CA	warm	Sonoma, CA	52
Sacramento, CA	Placer, CA	warm	Stanislaus, CA	24
Sacramento, CA	Placer, CA	warm	Storey, NV	3

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Sacramento, CA	Placer, CA	warm	Sutter, CA	94
Sacramento, CA	Placer, CA	warm	Tehama, CA	14
Sacramento, CA	Placer, CA	warm	Tooele, UT	0
Sacramento, CA	Placer, CA	warm	Trinity, CA	6
Sacramento, CA	Placer, CA	warm	Tulare, CA	0
Sacramento, CA	Placer, CA	warm	Tuolumne, CA	2
Sacramento, CA	Placer, CA	warm	Twin Falls, ID	0
Sacramento, CA	Placer, CA	warm	Umatilla, OR	0
Sacramento, CA	Placer, CA	warm	Union, OR	0
Sacramento, CA	Placer, CA	warm	Washington, ID	0
Sacramento, CA	Placer, CA	warm	Washoe, NV	1
Sacramento, CA	Placer, CA	warm	Wheeler, OR	0
Sacramento, CA	Placer, CA	warm	White Pine, NV	0
Sacramento, CA	Placer, CA	warm	Yolo, CA	87
Sacramento, CA	Placer, CA	warm	Yuba, CA	55
Sacramento, CA	Sacramento, CA	cold	Ada, ID	0
Sacramento, CA	Sacramento, CA	cold	Alameda, CA	1
Sacramento, CA	Sacramento, CA	cold	Alpine, CA	0
Sacramento, CA	Sacramento, CA	cold	Amador, CA	19
Sacramento, CA	Sacramento, CA	cold	Baker, OR	0
Sacramento, CA	Sacramento, CA	cold	Box Elder, UT	0
Sacramento, CA	Sacramento, CA	cold	Butte, CA	19
Sacramento, CA	Sacramento, CA	cold	Calaveras, CA	17
Sacramento, CA	Sacramento, CA	cold	Canyon, ID	0
Sacramento, CA	Sacramento, CA	cold	Carson, NV	0
Sacramento, CA	Sacramento, CA	cold	Cassia, ID	0
Sacramento, CA	Sacramento, CA	cold	Churchill, NV	0
Sacramento, CA	Sacramento, CA	cold	Clark, NV	0
Sacramento, CA	Sacramento, CA	cold	Colusa, CA	22
Sacramento, CA	Sacramento, CA	cold	Contra Costa, CA	3
Sacramento, CA	Sacramento, CA	cold	Crook, OR	0
Sacramento, CA	Sacramento, CA	cold	Del Norte, CA	0
Sacramento, CA	Sacramento, CA	cold	Deschutes, OR	0
Sacramento, CA	Sacramento, CA	cold	Douglas, NV	0
Sacramento, CA	Sacramento, CA	cold	Douglas, OR	0
Sacramento, CA	Sacramento, CA	cold	El Dorado, CA	10
Sacramento, CA	Sacramento, CA	cold	Elko, NV	0
Sacramento, CA	Sacramento, CA	cold	Elmore, ID	0
Sacramento, CA	Sacramento, CA	cold	Esmeralda, NV	0
Sacramento, CA	Sacramento, CA	cold	Eureka, NV	0
Sacramento, CA	Sacramento, CA	cold	Fresno, CA	2
Sacramento, CA	Sacramento, CA	cold	Glenn, CA	19
Sacramento, CA	Sacramento, CA	cold	Grant, OR	0
Sacramento, CA	Sacramento, CA	cold	Harney, OR	0
Sacramento, CA	Sacramento, CA	cold	Humboldt, CA	0
Sacramento, CA	Sacramento, CA	cold	Humboldt, NV	0
Sacramento, CA	Sacramento, CA	cold	Inyo, CA	0
Sacramento, CA	Sacramento, CA	cold	Jackson, OR	0
Sacramento, CA	Sacramento, CA	cold	Jefferson, OR	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Sacramento, CA	Sacramento, CA	cold	Josephine, OR	0
Sacramento, CA	Sacramento, CA	cold	Kern, CA	0
Sacramento, CA	Sacramento, CA	cold	Kings, CA	0
Sacramento, CA	Sacramento, CA	cold	Klamath, OR	0
Sacramento, CA	Sacramento, CA	cold	Lake, CA	1
Sacramento, CA	Sacramento, CA	cold	Lake, OR	0
Sacramento, CA	Sacramento, CA	cold	Lander, NV	0
Sacramento, CA	Sacramento, CA	cold	Lane, OR	0
Sacramento, CA	Sacramento, CA	cold	Lassen, CA	1
Sacramento, CA	Sacramento, CA	cold	Lincoln, NV	0
Sacramento, CA	Sacramento, CA	cold	Linn, OR	0
Sacramento, CA	Sacramento, CA	cold	Lyon, NV	1
Sacramento, CA	Sacramento, CA	cold	Madera, CA	6
Sacramento, CA	Sacramento, CA	cold	Malheur, OR	0
Sacramento, CA	Sacramento, CA	cold	Marin, CA	2
Sacramento, CA	Sacramento, CA	cold	Mariposa, CA	12
Sacramento, CA	Sacramento, CA	cold	Mendocino, CA	1
Sacramento, CA	Sacramento, CA	cold	Merced, CA	13
Sacramento, CA	Sacramento, CA	cold	Mineral, NV	1
Sacramento, CA	Sacramento, CA	cold	Modoc, CA	3
Sacramento, CA	Sacramento, CA	cold	Mono, CA	1
Sacramento, CA	Sacramento, CA	cold	Monterey, CA	0
Sacramento, CA	Sacramento, CA	cold	Morrow, OR	0
Sacramento, CA	Sacramento, CA	cold	Napa, CA	7
Sacramento, CA	Sacramento, CA	cold	Nevada, CA	9
Sacramento, CA	Sacramento, CA	cold	Nye, NV	0
Sacramento, CA	Sacramento, CA	cold	Owyhee, ID	0
Sacramento, CA	Sacramento, CA	cold	Payette, ID	0
Sacramento, CA	Sacramento, CA	cold	Pershing, NV	0
Sacramento, CA	Sacramento, CA	cold	Placer, CA	29
Sacramento, CA	Sacramento, CA	cold	Plumas, CA	1
Sacramento, CA	Sacramento, CA	cold	Sacramento, CA	90
Sacramento, CA	Sacramento, CA	cold	San Benito, CA	0
Sacramento, CA	Sacramento, CA	cold	San Bernardino, CA	0
Sacramento, CA	Sacramento, CA	cold	San Francisco, CA	0
Sacramento, CA	Sacramento, CA	cold	San Joaquin, CA	22
Sacramento, CA	Sacramento, CA	cold	San Mateo, CA	0
Sacramento, CA	Sacramento, CA	cold	Santa Clara, CA	0
Sacramento, CA	Sacramento, CA	cold	Santa Cruz, CA	0
Sacramento, CA	Sacramento, CA	cold	Shasta, CA	6
Sacramento, CA	Sacramento, CA	cold	Sierra, CA	1
Sacramento, CA	Sacramento, CA	cold	Siskiyou, CA	2
Sacramento, CA	Sacramento, CA	cold	Solano, CA	16
Sacramento, CA	Sacramento, CA	cold	Sonoma, CA	4
Sacramento, CA	Sacramento, CA	cold	Stanislaus, CA	17
Sacramento, CA	Sacramento, CA	cold	Storey, NV	1
Sacramento, CA	Sacramento, CA	cold	Sutter, CA	100
Sacramento, CA	Sacramento, CA	cold	Tehama, CA	10
Sacramento, CA	Sacramento, CA	cold	Tooele, UT	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Sacramento, CA	Sacramento, CA	cold	Trinity, CA	3
Sacramento, CA	Sacramento, CA	cold	Tulare, CA	0
Sacramento, CA	Sacramento, CA	cold	Tuolumne, CA	8
Sacramento, CA	Sacramento, CA	cold	Twin Falls, ID	0
Sacramento, CA	Sacramento, CA	cold	Umatilla, OR	0
Sacramento, CA	Sacramento, CA	cold	Union, OR	0
Sacramento, CA	Sacramento, CA	cold	Washington, ID	0
Sacramento, CA	Sacramento, CA	cold	Washoe, NV	0
Sacramento, CA	Sacramento, CA	cold	Wheeler, OR	0
Sacramento, CA	Sacramento, CA	cold	White Pine, NV	0
Sacramento, CA	Sacramento, CA	cold	Yolo, CA	44
Sacramento, CA	Sacramento, CA	cold	Yuba, CA	50
Salt Lake City, UT	Davis, UT	cold	Ada, ID	0
Salt Lake City, UT	Davis, UT	cold	Albany, WY	0
Salt Lake City, UT	Davis, UT	cold	Apache, AZ	0
Salt Lake City, UT	Davis, UT	cold	Baker, OR	0
Salt Lake City, UT	Davis, UT	cold	Bannock, ID	0
Salt Lake City, UT	Davis, UT	cold	Bear Lake, ID	0
Salt Lake City, UT	Davis, UT	cold	Beaver, UT	1
Salt Lake City, UT	Davis, UT	cold	Big Horn, WY	0
Salt Lake City, UT	Davis, UT	cold	Bingham, ID	0
Salt Lake City, UT	Davis, UT	cold	Blaine, ID	0
Salt Lake City, UT	Davis, UT	cold	Boise, ID	0
Salt Lake City, UT	Davis, UT	cold	Bonneville, ID	0
Salt Lake City, UT	Davis, UT	cold	Box Elder, UT	11
Salt Lake City, UT	Davis, UT	cold	Butte, ID	0
Salt Lake City, UT	Davis, UT	cold	Cache, UT	7
Salt Lake City, UT	Davis, UT	cold	Camas, ID	0
Salt Lake City, UT	Davis, UT	cold	Campbell, WY	0
Salt Lake City, UT	Davis, UT	cold	Canyon, ID	0
Salt Lake City, UT	Davis, UT	cold	Carbon, MT	0
Salt Lake City, UT	Davis, UT	cold	Carbon, UT	5
Salt Lake City, UT	Davis, UT	cold	Carbon, WY	0
Salt Lake City, UT	Davis, UT	cold	Caribou, ID	0
Salt Lake City, UT	Davis, UT	cold	Carson, NV	0
Salt Lake City, UT	Davis, UT	cold	Cassia, ID	0
Salt Lake City, UT	Davis, UT	cold	Churchill, NV	0
Salt Lake City, UT	Davis, UT	cold	Clark, NV	0
Salt Lake City, UT	Davis, UT	cold	Coconino, AZ	0
Salt Lake City, UT	Davis, UT	cold	Converse, WY	0
Salt Lake City, UT	Davis, UT	cold	Crook, OR	0
Salt Lake City, UT	Davis, UT	cold	Custer, ID	0
Salt Lake City, UT	Davis, UT	cold	Daggett, UT	0
Salt Lake City, UT	Davis, UT	cold	Davis, UT	100
Salt Lake City, UT	Davis, UT	cold	Deschutes, OR	0
Salt Lake City, UT	Davis, UT	cold	Dolores, CO	0
Salt Lake City, UT	Davis, UT	cold	Duchesne, UT	10
Salt Lake City, UT	Davis, UT	cold	Eagle, CO	0
Salt Lake City, UT	Davis, UT	cold	Elko, NV	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Salt Lake City, UT	Davis, UT	cold	Elmore, ID	0
Salt Lake City, UT	Davis, UT	cold	Emery, UT	3
Salt Lake City, UT	Davis, UT	cold	Esmeralda, NV	0
Salt Lake City, UT	Davis, UT	cold	Eureka, NV	0
Salt Lake City, UT	Davis, UT	cold	Franklin, ID	1
Salt Lake City, UT	Davis, UT	cold	Fremont, ID	0
Salt Lake City, UT	Davis, UT	cold	Fremont, WY	0
Salt Lake City, UT	Davis, UT	cold	Fresno, CA	0
Salt Lake City, UT	Davis, UT	cold	Garfield, CO	0
Salt Lake City, UT	Davis, UT	cold	Garfield, UT	0
Salt Lake City, UT	Davis, UT	cold	Gem, ID	0
Salt Lake City, UT	Davis, UT	cold	Gooding, ID	0
Salt Lake City, UT	Davis, UT	cold	Grand, CO	0
Salt Lake City, UT	Davis, UT	cold	Grand, UT	1
Salt Lake City, UT	Davis, UT	cold	Grant, OR	0
Salt Lake City, UT	Davis, UT	cold	Harney, OR	0
Salt Lake City, UT	Davis, UT	cold	Hot Springs, WY	0
Salt Lake City, UT	Davis, UT	cold	Humboldt, NV	0
Salt Lake City, UT	Davis, UT	cold	Inyo, CA	0
Salt Lake City, UT	Davis, UT	cold	Iron, UT	0
Salt Lake City, UT	Davis, UT	cold	Jackson, CO	0
Salt Lake City, UT	Davis, UT	cold	Jefferson, ID	0
Salt Lake City, UT	Davis, UT	cold	Jerome, ID	0
Salt Lake City, UT	Davis, UT	cold	Johnson, WY	0
Salt Lake City, UT	Davis, UT	cold	Juab, UT	4
Salt Lake City, UT	Davis, UT	cold	Kane, UT	0
Salt Lake City, UT	Davis, UT	cold	Kern, CA	0
Salt Lake City, UT	Davis, UT	cold	La Paz, AZ	0
Salt Lake City, UT	Davis, UT	cold	Lake, OR	0
Salt Lake City, UT	Davis, UT	cold	Lander, NV	0
Salt Lake City, UT	Davis, UT	cold	Laramie, WY	0
Salt Lake City, UT	Davis, UT	cold	Larimer, CO	0
Salt Lake City, UT	Davis, UT	cold	Lassen, CA	0
Salt Lake City, UT	Davis, UT	cold	Lincoln, ID	0
Salt Lake City, UT	Davis, UT	cold	Lincoln, NV	0
Salt Lake City, UT	Davis, UT	cold	Lincoln, WY	0
Salt Lake City, UT	Davis, UT	cold	Lyon, NV	0
Salt Lake City, UT	Davis, UT	cold	Madison, ID	0
Salt Lake City, UT	Davis, UT	cold	Malheur, OR	0
Salt Lake City, UT	Davis, UT	cold	Mesa, CO	0
Salt Lake City, UT	Davis, UT	cold	Millard, UT	2
Salt Lake City, UT	Davis, UT	cold	Mineral, NV	0
Salt Lake City, UT	Davis, UT	cold	Minidoka, ID	0
Salt Lake City, UT	Davis, UT	cold	Modoc, CA	0
Salt Lake City, UT	Davis, UT	cold	Moffat, CO	0
Salt Lake City, UT	Davis, UT	cold	Mohave, AZ	0
Salt Lake City, UT	Davis, UT	cold	Mono, CA	0
Salt Lake City, UT	Davis, UT	cold	Montezuma, CO	0
Salt Lake City, UT	Davis, UT	cold	Montrose, CO	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Salt Lake City, UT	Davis, UT	cold	Morgan, UT	13
Salt Lake City, UT	Davis, UT	cold	Natrona, WY	0
Salt Lake City, UT	Davis, UT	cold	Navajo, AZ	0
Salt Lake City, UT	Davis, UT	cold	Nevada, CA	0
Salt Lake City, UT	Davis, UT	cold	Niobrara, WY	0
Salt Lake City, UT	Davis, UT	cold	Nye, NV	0
Salt Lake City, UT	Davis, UT	cold	Oneida, ID	0
Salt Lake City, UT	Davis, UT	cold	Owyhee, ID	0
Salt Lake City, UT	Davis, UT	cold	Park, MT	0
Salt Lake City, UT	Davis, UT	cold	Park, WY	0
Salt Lake City, UT	Davis, UT	cold	Payette, ID	0
Salt Lake City, UT	Davis, UT	cold	Pershing, NV	0
Salt Lake City, UT	Davis, UT	cold	Pitkin, CO	0
Salt Lake City, UT	Davis, UT	cold	Piute, UT	1
Salt Lake City, UT	Davis, UT	cold	Placer, CA	0
Salt Lake City, UT	Davis, UT	cold	Platte, WY	0
Salt Lake City, UT	Davis, UT	cold	Power, ID	0
Salt Lake City, UT	Davis, UT	cold	Rich, UT	0
Salt Lake City, UT	Davis, UT	cold	Rio Blanco, CO	0
Salt Lake City, UT	Davis, UT	cold	Routt, CO	0
Salt Lake City, UT	Davis, UT	cold	Salt Lake, UT	85
Salt Lake City, UT	Davis, UT	cold	San Bernardino, CA	0
Salt Lake City, UT	Davis, UT	cold	San Juan, NM	0
Salt Lake City, UT	Davis, UT	cold	San Juan, UT	0
Salt Lake City, UT	Davis, UT	cold	San Miguel, CO	0
Salt Lake City, UT	Davis, UT	cold	Sanpete, UT	7
Salt Lake City, UT	Davis, UT	cold	Sevier, UT	3
Salt Lake City, UT	Davis, UT	cold	Sierra, CA	0
Salt Lake City, UT	Davis, UT	cold	Storey, NV	0
Salt Lake City, UT	Davis, UT	cold	Sublette, WY	0
Salt Lake City, UT	Davis, UT	cold	Summit, UT	3
Salt Lake City, UT	Davis, UT	cold	Sweetwater, WY	0
Salt Lake City, UT	Davis, UT	cold	Teton, ID	0
Salt Lake City, UT	Davis, UT	cold	Teton, WY	0
Salt Lake City, UT	Davis, UT	cold	Tooele, UT	5
Salt Lake City, UT	Davis, UT	cold	Tulare, CA	0
Salt Lake City, UT	Davis, UT	cold	Twin Falls, ID	0
Salt Lake City, UT	Davis, UT	cold	Uinta, WY	0
Salt Lake City, UT	Davis, UT	cold	Uintah, UT	4
Salt Lake City, UT	Davis, UT	cold	Utah, UT	31
Salt Lake City, UT	Davis, UT	cold	Wasatch, UT	9
Salt Lake City, UT	Davis, UT	cold	Washakie, WY	0
Salt Lake City, UT	Davis, UT	cold	Washington, ID	0
Salt Lake City, UT	Davis, UT	cold	Washington, UT	0
Salt Lake City, UT	Davis, UT	cold	Washoe, NV	0
Salt Lake City, UT	Davis, UT	cold	Wayne, UT	0
Salt Lake City, UT	Davis, UT	cold	Weber, UT	58
Salt Lake City, UT	Davis, UT	cold	Weston, WY	0
Salt Lake City, UT	Davis, UT	cold	White Pine, NV	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Salt Lake City, UT	Davis, UT	cold	Yavapai, AZ	0
Salt Lake City, UT	Salt Lake, UT	cold	Ada, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Albany, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Apache, AZ	0
Salt Lake City, UT	Salt Lake, UT	cold	Baker, OR	0
Salt Lake City, UT	Salt Lake, UT	cold	Bannock, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Bear Lake, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Beaver, UT	1
Salt Lake City, UT	Salt Lake, UT	cold	Big Horn, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Bingham, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Blaine, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Boise, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Bonneville, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Box Elder, UT	7
Salt Lake City, UT	Salt Lake, UT	cold	Butte, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Cache, UT	5
Salt Lake City, UT	Salt Lake, UT	cold	Camas, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Campbell, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Canyon, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Carbon, MT	0
Salt Lake City, UT	Salt Lake, UT	cold	Carbon, UT	3
Salt Lake City, UT	Salt Lake, UT	cold	Carbon, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Caribou, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Carson, NV	0
Salt Lake City, UT	Salt Lake, UT	cold	Cassia, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Churchill, NV	0
Salt Lake City, UT	Salt Lake, UT	cold	Clark, NV	0
Salt Lake City, UT	Salt Lake, UT	cold	Coconino, AZ	0
Salt Lake City, UT	Salt Lake, UT	cold	Converse, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Crook, OR	0
Salt Lake City, UT	Salt Lake, UT	cold	Custer, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Daggett, UT	0
Salt Lake City, UT	Salt Lake, UT	cold	Davis, UT	95
Salt Lake City, UT	Salt Lake, UT	cold	Deschutes, OR	0
Salt Lake City, UT	Salt Lake, UT	cold	Dolores, CO	0
Salt Lake City, UT	Salt Lake, UT	cold	Duchesne, UT	8
Salt Lake City, UT	Salt Lake, UT	cold	Eagle, CO	0
Salt Lake City, UT	Salt Lake, UT	cold	Elko, NV	0
Salt Lake City, UT	Salt Lake, UT	cold	Elmore, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Emery, UT	2
Salt Lake City, UT	Salt Lake, UT	cold	Esmeralda, NV	0
Salt Lake City, UT	Salt Lake, UT	cold	Eureka, NV	0
Salt Lake City, UT	Salt Lake, UT	cold	Franklin, ID	1
Salt Lake City, UT	Salt Lake, UT	cold	Fremont, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Fremont, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Fresno, CA	0
Salt Lake City, UT	Salt Lake, UT	cold	Garfield, CO	0
Salt Lake City, UT	Salt Lake, UT	cold	Garfield, UT	0
Salt Lake City, UT	Salt Lake, UT	cold	Gem, ID	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Salt Lake City, UT	Salt Lake, UT	cold	Gooding, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Grand, CO	0
Salt Lake City, UT	Salt Lake, UT	cold	Grand, UT	1
Salt Lake City, UT	Salt Lake, UT	cold	Grant, OR	0
Salt Lake City, UT	Salt Lake, UT	cold	Harney, OR	0
Salt Lake City, UT	Salt Lake, UT	cold	Hot Springs, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Humboldt, NV	0
Salt Lake City, UT	Salt Lake, UT	cold	Inyo, CA	0
Salt Lake City, UT	Salt Lake, UT	cold	Iron, UT	1
Salt Lake City, UT	Salt Lake, UT	cold	Jackson, CO	0
Salt Lake City, UT	Salt Lake, UT	cold	Jefferson, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Jerome, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Johnson, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Juab, UT	4
Salt Lake City, UT	Salt Lake, UT	cold	Kane, UT	0
Salt Lake City, UT	Salt Lake, UT	cold	Kern, CA	0
Salt Lake City, UT	Salt Lake, UT	cold	La Paz, AZ	0
Salt Lake City, UT	Salt Lake, UT	cold	Lake, OR	0
Salt Lake City, UT	Salt Lake, UT	cold	Lander, NV	0
Salt Lake City, UT	Salt Lake, UT	cold	Laramie, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Larimer, CO	0
Salt Lake City, UT	Salt Lake, UT	cold	Lassen, CA	0
Salt Lake City, UT	Salt Lake, UT	cold	Lincoln, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Lincoln, NV	0
Salt Lake City, UT	Salt Lake, UT	cold	Lincoln, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Lyon, NV	0
Salt Lake City, UT	Salt Lake, UT	cold	Madison, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Malheur, OR	0
Salt Lake City, UT	Salt Lake, UT	cold	Mesa, CO	0
Salt Lake City, UT	Salt Lake, UT	cold	Millard, UT	2
Salt Lake City, UT	Salt Lake, UT	cold	Mineral, NV	0
Salt Lake City, UT	Salt Lake, UT	cold	Minidoka, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Modoc, CA	0
Salt Lake City, UT	Salt Lake, UT	cold	Moffat, CO	0
Salt Lake City, UT	Salt Lake, UT	cold	Mohave, AZ	0
Salt Lake City, UT	Salt Lake, UT	cold	Mono, CA	0
Salt Lake City, UT	Salt Lake, UT	cold	Montezuma, CO	0
Salt Lake City, UT	Salt Lake, UT	cold	Montrose, CO	0
Salt Lake City, UT	Salt Lake, UT	cold	Morgan, UT	12
Salt Lake City, UT	Salt Lake, UT	cold	Natrona, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Navajo, AZ	0
Salt Lake City, UT	Salt Lake, UT	cold	Nevada, CA	0
Salt Lake City, UT	Salt Lake, UT	cold	Niobrara, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Nye, NV	0
Salt Lake City, UT	Salt Lake, UT	cold	Oneida, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Owyhee, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Park, MT	0
Salt Lake City, UT	Salt Lake, UT	cold	Park, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Payette, ID	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Salt Lake City, UT	Salt Lake, UT	cold	Pershing, NV	0
Salt Lake City, UT	Salt Lake, UT	cold	Pitkin, CO	0
Salt Lake City, UT	Salt Lake, UT	cold	Piute, UT	1
Salt Lake City, UT	Salt Lake, UT	cold	Placer, CA	0
Salt Lake City, UT	Salt Lake, UT	cold	Platte, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Power, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Rich, UT	1
Salt Lake City, UT	Salt Lake, UT	cold	Rio Blanco, CO	0
Salt Lake City, UT	Salt Lake, UT	cold	Routt, CO	0
Salt Lake City, UT	Salt Lake, UT	cold	Salt Lake, UT	100
Salt Lake City, UT	Salt Lake, UT	cold	San Bernardino, CA	0
Salt Lake City, UT	Salt Lake, UT	cold	San Juan, NM	0
Salt Lake City, UT	Salt Lake, UT	cold	San Juan, UT	0
Salt Lake City, UT	Salt Lake, UT	cold	San Miguel, CO	0
Salt Lake City, UT	Salt Lake, UT	cold	Sanpete, UT	5
Salt Lake City, UT	Salt Lake, UT	cold	Sevier, UT	3
Salt Lake City, UT	Salt Lake, UT	cold	Sierra, CA	0
Salt Lake City, UT	Salt Lake, UT	cold	Storey, NV	0
Salt Lake City, UT	Salt Lake, UT	cold	Sublette, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Summit, UT	2
Salt Lake City, UT	Salt Lake, UT	cold	Sweetwater, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Teton, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Teton, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Tooele, UT	5
Salt Lake City, UT	Salt Lake, UT	cold	Tulare, CA	0
Salt Lake City, UT	Salt Lake, UT	cold	Twin Falls, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Uinta, WY	1
Salt Lake City, UT	Salt Lake, UT	cold	Uintah, UT	3
Salt Lake City, UT	Salt Lake, UT	cold	Utah, UT	29
Salt Lake City, UT	Salt Lake, UT	cold	Wasatch, UT	7
Salt Lake City, UT	Salt Lake, UT	cold	Washakie, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	Washington, ID	0
Salt Lake City, UT	Salt Lake, UT	cold	Washington, UT	0
Salt Lake City, UT	Salt Lake, UT	cold	Washoe, NV	0
Salt Lake City, UT	Salt Lake, UT	cold	Wayne, UT	0
Salt Lake City, UT	Salt Lake, UT	cold	Weber, UT	50
Salt Lake City, UT	Salt Lake, UT	cold	Weston, WY	0
Salt Lake City, UT	Salt Lake, UT	cold	White Pine, NV	0
Salt Lake City, UT	Salt Lake, UT	cold	Yavapai, AZ	0
Salt Lake City, UT	Weber, UT	cold	Ada, ID	0
Salt Lake City, UT	Weber, UT	cold	Albany, WY	0
Salt Lake City, UT	Weber, UT	cold	Apache, AZ	0
Salt Lake City, UT	Weber, UT	cold	Baker, OR	0
Salt Lake City, UT	Weber, UT	cold	Bannock, ID	0
Salt Lake City, UT	Weber, UT	cold	Bear Lake, ID	0
Salt Lake City, UT	Weber, UT	cold	Beaver, UT	0
Salt Lake City, UT	Weber, UT	cold	Big Horn, WY	0
Salt Lake City, UT	Weber, UT	cold	Bingham, ID	0
Salt Lake City, UT	Weber, UT	cold	Blaine, ID	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Salt Lake City, UT	Weber, UT	cold	Boise, ID	0
Salt Lake City, UT	Weber, UT	cold	Bonneville, ID	0
Salt Lake City, UT	Weber, UT	cold	Box Elder, UT	9
Salt Lake City, UT	Weber, UT	cold	Butte, ID	0
Salt Lake City, UT	Weber, UT	cold	Cache, UT	6
Salt Lake City, UT	Weber, UT	cold	Camas, ID	0
Salt Lake City, UT	Weber, UT	cold	Campbell, WY	0
Salt Lake City, UT	Weber, UT	cold	Canyon, ID	0
Salt Lake City, UT	Weber, UT	cold	Carbon, MT	0
Salt Lake City, UT	Weber, UT	cold	Carbon, UT	2
Salt Lake City, UT	Weber, UT	cold	Carbon, WY	0
Salt Lake City, UT	Weber, UT	cold	Caribou, ID	0
Salt Lake City, UT	Weber, UT	cold	Carson, NV	0
Salt Lake City, UT	Weber, UT	cold	Cassia, ID	0
Salt Lake City, UT	Weber, UT	cold	Churchill, NV	0
Salt Lake City, UT	Weber, UT	cold	Clark, NV	0
Salt Lake City, UT	Weber, UT	cold	Coconino, AZ	0
Salt Lake City, UT	Weber, UT	cold	Converse, WY	0
Salt Lake City, UT	Weber, UT	cold	Crook, OR	0
Salt Lake City, UT	Weber, UT	cold	Custer, ID	0
Salt Lake City, UT	Weber, UT	cold	Daggett, UT	0
Salt Lake City, UT	Weber, UT	cold	Davis, UT	100
Salt Lake City, UT	Weber, UT	cold	Deschutes, OR	0
Salt Lake City, UT	Weber, UT	cold	Dolores, CO	0
Salt Lake City, UT	Weber, UT	cold	Duchesne, UT	5
Salt Lake City, UT	Weber, UT	cold	Eagle, CO	0
Salt Lake City, UT	Weber, UT	cold	Elko, NV	0
Salt Lake City, UT	Weber, UT	cold	Elmore, ID	0
Salt Lake City, UT	Weber, UT	cold	Emery, UT	1
Salt Lake City, UT	Weber, UT	cold	Esmeralda, NV	0
Salt Lake City, UT	Weber, UT	cold	Eureka, NV	0
Salt Lake City, UT	Weber, UT	cold	Franklin, ID	0
Salt Lake City, UT	Weber, UT	cold	Fremont, ID	0
Salt Lake City, UT	Weber, UT	cold	Fremont, WY	0
Salt Lake City, UT	Weber, UT	cold	Fresno, CA	0
Salt Lake City, UT	Weber, UT	cold	Garfield, CO	0
Salt Lake City, UT	Weber, UT	cold	Garfield, UT	0
Salt Lake City, UT	Weber, UT	cold	Gem, ID	0
Salt Lake City, UT	Weber, UT	cold	Gooding, ID	0
Salt Lake City, UT	Weber, UT	cold	Grand, CO	0
Salt Lake City, UT	Weber, UT	cold	Grand, UT	1
Salt Lake City, UT	Weber, UT	cold	Grant, OR	0
Salt Lake City, UT	Weber, UT	cold	Harney, OR	0
Salt Lake City, UT	Weber, UT	cold	Hot Springs, WY	0
Salt Lake City, UT	Weber, UT	cold	Humboldt, NV	0
Salt Lake City, UT	Weber, UT	cold	Inyo, CA	0
Salt Lake City, UT	Weber, UT	cold	Iron, UT	0
Salt Lake City, UT	Weber, UT	cold	Jackson, CO	0
Salt Lake City, UT	Weber, UT	cold	Jefferson, ID	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Salt Lake City, UT	Weber, UT	cold	Jerome, ID	0
Salt Lake City, UT	Weber, UT	cold	Johnson, WY	0
Salt Lake City, UT	Weber, UT	cold	Juab, UT	3
Salt Lake City, UT	Weber, UT	cold	Kane, UT	0
Salt Lake City, UT	Weber, UT	cold	Kern, CA	0
Salt Lake City, UT	Weber, UT	cold	La Paz, AZ	0
Salt Lake City, UT	Weber, UT	cold	Lake, OR	0
Salt Lake City, UT	Weber, UT	cold	Lander, NV	0
Salt Lake City, UT	Weber, UT	cold	Laramie, WY	0
Salt Lake City, UT	Weber, UT	cold	Larimer, CO	0
Salt Lake City, UT	Weber, UT	cold	Lassen, CA	0
Salt Lake City, UT	Weber, UT	cold	Lincoln, ID	0
Salt Lake City, UT	Weber, UT	cold	Lincoln, NV	0
Salt Lake City, UT	Weber, UT	cold	Lincoln, WY	0
Salt Lake City, UT	Weber, UT	cold	Lyon, NV	0
Salt Lake City, UT	Weber, UT	cold	Madison, ID	0
Salt Lake City, UT	Weber, UT	cold	Malheur, OR	0
Salt Lake City, UT	Weber, UT	cold	Mesa, CO	0
Salt Lake City, UT	Weber, UT	cold	Millard, UT	1
Salt Lake City, UT	Weber, UT	cold	Mineral, NV	0
Salt Lake City, UT	Weber, UT	cold	Minidoka, ID	0
Salt Lake City, UT	Weber, UT	cold	Modoc, CA	0
Salt Lake City, UT	Weber, UT	cold	Moffat, CO	0
Salt Lake City, UT	Weber, UT	cold	Mohave, AZ	0
Salt Lake City, UT	Weber, UT	cold	Mono, CA	0
Salt Lake City, UT	Weber, UT	cold	Montezuma, CO	0
Salt Lake City, UT	Weber, UT	cold	Montrose, CO	0
Salt Lake City, UT	Weber, UT	cold	Morgan, UT	21
Salt Lake City, UT	Weber, UT	cold	Natrona, WY	0
Salt Lake City, UT	Weber, UT	cold	Navajo, AZ	0
Salt Lake City, UT	Weber, UT	cold	Nevada, CA	0
Salt Lake City, UT	Weber, UT	cold	Niobrara, WY	0
Salt Lake City, UT	Weber, UT	cold	Nye, NV	0
Salt Lake City, UT	Weber, UT	cold	Oneida, ID	0
Salt Lake City, UT	Weber, UT	cold	Owyhee, ID	0
Salt Lake City, UT	Weber, UT	cold	Park, MT	0
Salt Lake City, UT	Weber, UT	cold	Park, WY	0
Salt Lake City, UT	Weber, UT	cold	Payette, ID	0
Salt Lake City, UT	Weber, UT	cold	Pershing, NV	0
Salt Lake City, UT	Weber, UT	cold	Pitkin, CO	0
Salt Lake City, UT	Weber, UT	cold	Piute, UT	0
Salt Lake City, UT	Weber, UT	cold	Placer, CA	0
Salt Lake City, UT	Weber, UT	cold	Platte, WY	0
Salt Lake City, UT	Weber, UT	cold	Power, ID	0
Salt Lake City, UT	Weber, UT	cold	Rich, UT	2
Salt Lake City, UT	Weber, UT	cold	Rio Blanco, CO	0
Salt Lake City, UT	Weber, UT	cold	Routt, CO	0
Salt Lake City, UT	Weber, UT	cold	Salt Lake, UT	54
Salt Lake City, UT	Weber, UT	cold	San Bernardino, CA	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Salt Lake City, UT	Weber, UT	cold	San Juan, NM	0
Salt Lake City, UT	Weber, UT	cold	San Juan, UT	0
Salt Lake City, UT	Weber, UT	cold	San Miguel, CO	0
Salt Lake City, UT	Weber, UT	cold	Sanpete, UT	6
Salt Lake City, UT	Weber, UT	cold	Sevier, UT	2
Salt Lake City, UT	Weber, UT	cold	Sierra, CA	0
Salt Lake City, UT	Weber, UT	cold	Storey, NV	0
Salt Lake City, UT	Weber, UT	cold	Sublette, WY	0
Salt Lake City, UT	Weber, UT	cold	Summit, UT	6
Salt Lake City, UT	Weber, UT	cold	Sweetwater, WY	0
Salt Lake City, UT	Weber, UT	cold	Teton, ID	0
Salt Lake City, UT	Weber, UT	cold	Teton, WY	0
Salt Lake City, UT	Weber, UT	cold	Tooele, UT	3
Salt Lake City, UT	Weber, UT	cold	Tulare, CA	0
Salt Lake City, UT	Weber, UT	cold	Twin Falls, ID	0
Salt Lake City, UT	Weber, UT	cold	Uinta, WY	1
Salt Lake City, UT	Weber, UT	cold	Uintah, UT	2
Salt Lake City, UT	Weber, UT	cold	Utah, UT	17
Salt Lake City, UT	Weber, UT	cold	Wasatch, UT	4
Salt Lake City, UT	Weber, UT	cold	Washakie, WY	0
Salt Lake City, UT	Weber, UT	cold	Washington, ID	0
Salt Lake City, UT	Weber, UT	cold	Washington, UT	0
Salt Lake City, UT	Weber, UT	cold	Washoe, NV	0
Salt Lake City, UT	Weber, UT	cold	Wayne, UT	0
Salt Lake City, UT	Weber, UT	cold	Weber, UT	74
Salt Lake City, UT	Weber, UT	cold	Weston, WY	0
Salt Lake City, UT	Weber, UT	cold	White Pine, NV	0
Salt Lake City, UT	Weber, UT	cold	Yavapai, AZ	0
San Francisco, CA	Santa Clara, CA	cold	Alameda, CA	100
San Francisco, CA	Santa Clara, CA	cold	Alpine, CA	0
San Francisco, CA	Santa Clara, CA	cold	Amador, CA	3
San Francisco, CA	Santa Clara, CA	cold	Butte, CA	4
San Francisco, CA	Santa Clara, CA	cold	Calaveras, CA	2
San Francisco, CA	Santa Clara, CA	cold	Carson, NV	0
San Francisco, CA	Santa Clara, CA	cold	Churchill, NV	0
San Francisco, CA	Santa Clara, CA	cold	Clark, NV	0
San Francisco, CA	Santa Clara, CA	cold	Colusa, CA	18
San Francisco, CA	Santa Clara, CA	cold	Contra Costa, CA	91
San Francisco, CA	Santa Clara, CA	cold	Douglas, NV	0
San Francisco, CA	Santa Clara, CA	cold	El Dorado, CA	1
San Francisco, CA	Santa Clara, CA	cold	Esmeralda, NV	0
San Francisco, CA	Santa Clara, CA	cold	Eureka, NV	0
San Francisco, CA	Santa Clara, CA	cold	Fresno, CA	6
San Francisco, CA	Santa Clara, CA	cold	Inyo, CA	0
San Francisco, CA	Santa Clara, CA	cold	Kern, CA	0
San Francisco, CA	Santa Clara, CA	cold	Kings, CA	2
San Francisco, CA	Santa Clara, CA	cold	La Paz, AZ	0
San Francisco, CA	Santa Clara, CA	cold	Lake, CA	2
San Francisco, CA	Santa Clara, CA	cold	Lander, NV	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Francisco, CA	Santa Clara, CA	cold	Lincoln, NV	0
San Francisco, CA	Santa Clara, CA	cold	Los Angeles, CA	0
San Francisco, CA	Santa Clara, CA	cold	Lyon, NV	0
San Francisco, CA	Santa Clara, CA	cold	Madera, CA	4
San Francisco, CA	Santa Clara, CA	cold	Marin, CA	26
San Francisco, CA	Santa Clara, CA	cold	Mariposa, CA	3
San Francisco, CA	Santa Clara, CA	cold	Mendocino, CA	1
San Francisco, CA	Santa Clara, CA	cold	Merced, CA	40
San Francisco, CA	Santa Clara, CA	cold	Mineral, NV	0
San Francisco, CA	Santa Clara, CA	cold	Mohave, AZ	0
San Francisco, CA	Santa Clara, CA	cold	Mono, CA	0
San Francisco, CA	Santa Clara, CA	cold	Monterey, CA	12
San Francisco, CA	Santa Clara, CA	cold	Napa, CA	29
San Francisco, CA	Santa Clara, CA	cold	Nevada, CA	1
San Francisco, CA	Santa Clara, CA	cold	Nye, NV	0
San Francisco, CA	Santa Clara, CA	cold	Orange, CA	0
San Francisco, CA	Santa Clara, CA	cold	Placer, CA	3
San Francisco, CA	Santa Clara, CA	cold	Riverside, CA	0
San Francisco, CA	Santa Clara, CA	cold	Sacramento, CA	40
San Francisco, CA	Santa Clara, CA	cold	San Benito, CA	27
San Francisco, CA	Santa Clara, CA	cold	San Bernardino, CA	0
San Francisco, CA	Santa Clara, CA	cold	San Francisco, CA	45
San Francisco, CA	Santa Clara, CA	cold	San Joaquin, CA	100
San Francisco, CA	Santa Clara, CA	cold	San Luis Obispo, CA	5
San Francisco, CA	Santa Clara, CA	cold	San Mateo, CA	39
San Francisco, CA	Santa Clara, CA	cold	Santa Barbara, CA	1
San Francisco, CA	Santa Clara, CA	cold	Santa Clara, CA	98
San Francisco, CA	Santa Clara, CA	cold	Santa Cruz, CA	47
San Francisco, CA	Santa Clara, CA	cold	Solano, CA	73
San Francisco, CA	Santa Clara, CA	cold	Sonoma, CA	11
San Francisco, CA	Santa Clara, CA	cold	Stanislaus, CA	69
San Francisco, CA	Santa Clara, CA	cold	Storey, NV	0
San Francisco, CA	Santa Clara, CA	cold	Sutter, CA	33
San Francisco, CA	Santa Clara, CA	cold	Tulare, CA	1
San Francisco, CA	Santa Clara, CA	cold	Tuolumne, CA	1
San Francisco, CA	Santa Clara, CA	cold	Ventura, CA	0
San Francisco, CA	Santa Clara, CA	cold	Washoe, NV	0
San Francisco, CA	Santa Clara, CA	cold	White Pine, NV	0
San Francisco, CA	Santa Clara, CA	cold	Yolo, CA	43
San Francisco, CA	Santa Clara, CA	cold	Yuba, CA	8
San Francisco, CA	Solano, CA	cold	Alameda, CA	73
San Francisco, CA	Solano, CA	cold	Alpine, CA	0
San Francisco, CA	Solano, CA	cold	Amador, CA	3
San Francisco, CA	Solano, CA	cold	Butte, CA	4
San Francisco, CA	Solano, CA	cold	Calaveras, CA	3
San Francisco, CA	Solano, CA	cold	Carson, NV	0
San Francisco, CA	Solano, CA	cold	Churchill, NV	0
San Francisco, CA	Solano, CA	cold	Clark, NV	0
San Francisco, CA	Solano, CA	cold	Colusa, CA	28

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Francisco, CA	Solano, CA	cold	Contra Costa, CA	98
San Francisco, CA	Solano, CA	cold	Douglas, NV	0
San Francisco, CA	Solano, CA	cold	El Dorado, CA	1
San Francisco, CA	Solano, CA	cold	Esmeralda, NV	0
San Francisco, CA	Solano, CA	cold	Eureka, NV	0
San Francisco, CA	Solano, CA	cold	Fresno, CA	4
San Francisco, CA	Solano, CA	cold	Inyo, CA	0
San Francisco, CA	Solano, CA	cold	Kern, CA	0
San Francisco, CA	Solano, CA	cold	Kings, CA	2
San Francisco, CA	Solano, CA	cold	La Paz, AZ	0
San Francisco, CA	Solano, CA	cold	Lake, CA	8
San Francisco, CA	Solano, CA	cold	Lander, NV	0
San Francisco, CA	Solano, CA	cold	Lincoln, NV	0
San Francisco, CA	Solano, CA	cold	Los Angeles, CA	0
San Francisco, CA	Solano, CA	cold	Lyon, NV	0
San Francisco, CA	Solano, CA	cold	Madera, CA	5
San Francisco, CA	Solano, CA	cold	Marin, CA	42
San Francisco, CA	Solano, CA	cold	Mariposa, CA	3
San Francisco, CA	Solano, CA	cold	Mendocino, CA	4
San Francisco, CA	Solano, CA	cold	Merced, CA	24
San Francisco, CA	Solano, CA	cold	Mineral, NV	0
San Francisco, CA	Solano, CA	cold	Mohave, AZ	0
San Francisco, CA	Solano, CA	cold	Mono, CA	0
San Francisco, CA	Solano, CA	cold	Monterey, CA	3
San Francisco, CA	Solano, CA	cold	Napa, CA	57
San Francisco, CA	Solano, CA	cold	Nevada, CA	1
San Francisco, CA	Solano, CA	cold	Nye, NV	0
San Francisco, CA	Solano, CA	cold	Orange, CA	0
San Francisco, CA	Solano, CA	cold	Placer, CA	2
San Francisco, CA	Solano, CA	cold	Riverside, CA	0
San Francisco, CA	Solano, CA	cold	Sacramento, CA	34
San Francisco, CA	Solano, CA	cold	San Benito, CA	6
San Francisco, CA	Solano, CA	cold	San Bernardino, CA	0
San Francisco, CA	Solano, CA	cold	San Francisco, CA	53
San Francisco, CA	Solano, CA	cold	San Joaquin, CA	56
San Francisco, CA	Solano, CA	cold	San Luis Obispo, CA	1
San Francisco, CA	Solano, CA	cold	San Mateo, CA	37
San Francisco, CA	Solano, CA	cold	Santa Barbara, CA	0
San Francisco, CA	Solano, CA	cold	Santa Clara, CA	36
San Francisco, CA	Solano, CA	cold	Santa Cruz, CA	22
San Francisco, CA	Solano, CA	cold	Solano, CA	100
San Francisco, CA	Solano, CA	cold	Sonoma, CA	23
San Francisco, CA	Solano, CA	cold	Stanislaus, CA	38
San Francisco, CA	Solano, CA	cold	Storey, NV	0
San Francisco, CA	Solano, CA	cold	Sutter, CA	26
San Francisco, CA	Solano, CA	cold	Tulare, CA	1
San Francisco, CA	Solano, CA	cold	Tuolumne, CA	1
San Francisco, CA	Solano, CA	cold	Ventura, CA	0
San Francisco, CA	Solano, CA	cold	Washoe, NV	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Francisco, CA	Solano, CA	cold	White Pine, NV	0
San Francisco, CA	Solano, CA	cold	Yolo, CA	55
San Francisco, CA	Solano, CA	cold	Yuba, CA	6
San Joaquin Valley, CA	Fresno, CA	cold	Alameda, CA	8
San Joaquin Valley, CA	Fresno, CA	cold	Alpine, CA	0
San Joaquin Valley, CA	Fresno, CA	cold	Amador, CA	19
San Joaquin Valley, CA	Fresno, CA	cold	Apache, AZ	0
San Joaquin Valley, CA	Fresno, CA	cold	Beaver, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Box Elder, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Calaveras, CA	22
San Joaquin Valley, CA	Fresno, CA	cold	Carson, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	Cassia, ID	0
San Joaquin Valley, CA	Fresno, CA	cold	Churchill, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	Clark, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	Cochise, AZ	0
San Joaquin Valley, CA	Fresno, CA	cold	Coconino, AZ	0
San Joaquin Valley, CA	Fresno, CA	cold	Davis, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Dolores, CO	0
San Joaquin Valley, CA	Fresno, CA	cold	Douglas, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	El Dorado, CA	7
San Joaquin Valley, CA	Fresno, CA	cold	Elko, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	Emery, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Esmeralda, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	Eureka, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	Fresno, CA	62
San Joaquin Valley, CA	Fresno, CA	cold	Garfield, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Gila, AZ	0
San Joaquin Valley, CA	Fresno, CA	cold	Graham, AZ	0
San Joaquin Valley, CA	Fresno, CA	cold	Grand, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Harney, OR	0
San Joaquin Valley, CA	Fresno, CA	cold	Humboldt, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	Imperial, CA	0
San Joaquin Valley, CA	Fresno, CA	cold	Inyo, CA	2
San Joaquin Valley, CA	Fresno, CA	cold	Iron, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Juab, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Kane, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Kern, CA	24
San Joaquin Valley, CA	Fresno, CA	cold	Kings, CA	46
San Joaquin Valley, CA	Fresno, CA	cold	La Paz, AZ	0
San Joaquin Valley, CA	Fresno, CA	cold	Lake, OR	0
San Joaquin Valley, CA	Fresno, CA	cold	Lander, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	Lassen, CA	0
San Joaquin Valley, CA	Fresno, CA	cold	Lincoln, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	Los Angeles, CA	0
San Joaquin Valley, CA	Fresno, CA	cold	Lyon, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	Madera, CA	100
San Joaquin Valley, CA	Fresno, CA	cold	Malheur, OR	0
San Joaquin Valley, CA	Fresno, CA	cold	Maricopa, AZ	0
San Joaquin Valley, CA	Fresno, CA	cold	Mariposa, CA	32

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	Fresno, CA	cold	Merced, CA	96
San Joaquin Valley, CA	Fresno, CA	cold	Mesa, CO	0
San Joaquin Valley, CA	Fresno, CA	cold	Millard, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Mineral, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	Modoc, CA	0
San Joaquin Valley, CA	Fresno, CA	cold	Mohave, AZ	0
San Joaquin Valley, CA	Fresno, CA	cold	Mono, CA	0
San Joaquin Valley, CA	Fresno, CA	cold	Monterey, CA	0
San Joaquin Valley, CA	Fresno, CA	cold	Montezuma, CO	0
San Joaquin Valley, CA	Fresno, CA	cold	Montrose, CO	0
San Joaquin Valley, CA	Fresno, CA	cold	Navajo, AZ	0
San Joaquin Valley, CA	Fresno, CA	cold	Nevada, CA	3
San Joaquin Valley, CA	Fresno, CA	cold	Nye, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	Orange, CA	0
San Joaquin Valley, CA	Fresno, CA	cold	Owyhee, ID	0
San Joaquin Valley, CA	Fresno, CA	cold	Pershing, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	Pima, AZ	0
San Joaquin Valley, CA	Fresno, CA	cold	Pinal, AZ	0
San Joaquin Valley, CA	Fresno, CA	cold	Piute, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Placer, CA	8
San Joaquin Valley, CA	Fresno, CA	cold	Riverside, CA	0
San Joaquin Valley, CA	Fresno, CA	cold	Sacramento, CA	47
San Joaquin Valley, CA	Fresno, CA	cold	Salt Lake, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	San Benito, CA	1
San Joaquin Valley, CA	Fresno, CA	cold	San Bernardino, CA	1
San Joaquin Valley, CA	Fresno, CA	cold	San Diego, CA	0
San Joaquin Valley, CA	Fresno, CA	cold	San Francisco, CA	4
San Joaquin Valley, CA	Fresno, CA	cold	San Joaquin, CA	94
San Joaquin Valley, CA	Fresno, CA	cold	San Juan, NM	0
San Joaquin Valley, CA	Fresno, CA	cold	San Juan, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	San Luis Obispo, CA	0
San Joaquin Valley, CA	Fresno, CA	cold	San Mateo, CA	1
San Joaquin Valley, CA	Fresno, CA	cold	San Miguel, CO	0
San Joaquin Valley, CA	Fresno, CA	cold	Sanpete, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Santa Barbara, CA	0
San Joaquin Valley, CA	Fresno, CA	cold	Santa Clara, CA	1
San Joaquin Valley, CA	Fresno, CA	cold	Santa Cruz, AZ	0
San Joaquin Valley, CA	Fresno, CA	cold	Santa Cruz, CA	0
San Joaquin Valley, CA	Fresno, CA	cold	Sevier, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Sierra, CA	0
San Joaquin Valley, CA	Fresno, CA	cold	Stanislaus, CA	82
San Joaquin Valley, CA	Fresno, CA	cold	Storey, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	Sutter, CA	22
San Joaquin Valley, CA	Fresno, CA	cold	Tooele, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Tulare, CA	33
San Joaquin Valley, CA	Fresno, CA	cold	Tuolumne, CA	10
San Joaquin Valley, CA	Fresno, CA	cold	Twin Falls, ID	0
San Joaquin Valley, CA	Fresno, CA	cold	Utah, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Ventura, CA	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	Fresno, CA	cold	Washington, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Washoe, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	Wayne, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	Weber, UT	0
San Joaquin Valley, CA	Fresno, CA	cold	White Pine, NV	0
San Joaquin Valley, CA	Fresno, CA	cold	Yavapai, AZ	0
San Joaquin Valley, CA	Fresno, CA	cold	Yuba, CA	11
San Joaquin Valley, CA	Fresno, CA	cold	Yuma, AZ	0
San Joaquin Valley, CA	Kern, CA	cold	Alameda, CA	6
San Joaquin Valley, CA	Kern, CA	cold	Alpine, CA	0
San Joaquin Valley, CA	Kern, CA	cold	Amador, CA	7
San Joaquin Valley, CA	Kern, CA	cold	Apache, AZ	0
San Joaquin Valley, CA	Kern, CA	cold	Beaver, UT	0
San Joaquin Valley, CA	Kern, CA	cold	Box Elder, UT	0
San Joaquin Valley, CA	Kern, CA	cold	Calaveras, CA	11
San Joaquin Valley, CA	Kern, CA	cold	Carson, NV	0
San Joaquin Valley, CA	Kern, CA	cold	Cassia, ID	0
San Joaquin Valley, CA	Kern, CA	cold	Churchill, NV	0
San Joaquin Valley, CA	Kern, CA	cold	Clark, NV	0
San Joaquin Valley, CA	Kern, CA	cold	Cochise, AZ	0
San Joaquin Valley, CA	Kern, CA	cold	Coconino, AZ	0
San Joaquin Valley, CA	Kern, CA	cold	Davis, UT	0
San Joaquin Valley, CA	Kern, CA	cold	Dolores, CO	0
San Joaquin Valley, CA	Kern, CA	cold	Douglas, NV	0
San Joaquin Valley, CA	Kern, CA	cold	El Dorado, CA	2
San Joaquin Valley, CA	Kern, CA	cold	Elko, NV	0
San Joaquin Valley, CA	Kern, CA	cold	Emery, UT	0
San Joaquin Valley, CA	Kern, CA	cold	Esmeralda, NV	0
San Joaquin Valley, CA	Kern, CA	cold	Eureka, NV	0
San Joaquin Valley, CA	Kern, CA	cold	Fresno, CA	38
San Joaquin Valley, CA	Kern, CA	cold	Garfield, UT	0
San Joaquin Valley, CA	Kern, CA	cold	Gila, AZ	0
San Joaquin Valley, CA	Kern, CA	cold	Graham, AZ	0
San Joaquin Valley, CA	Kern, CA	cold	Grand, UT	0
San Joaquin Valley, CA	Kern, CA	cold	Harney, OR	0
San Joaquin Valley, CA	Kern, CA	cold	Humboldt, NV	0
San Joaquin Valley, CA	Kern, CA	cold	Imperial, CA	0
San Joaquin Valley, CA	Kern, CA	cold	Inyo, CA	2
San Joaquin Valley, CA	Kern, CA	cold	Iron, UT	0
San Joaquin Valley, CA	Kern, CA	cold	Juab, UT	0
San Joaquin Valley, CA	Kern, CA	cold	Kane, UT	0
San Joaquin Valley, CA	Kern, CA	cold	Kern, CA	71
San Joaquin Valley, CA	Kern, CA	cold	Kings, CA	100
San Joaquin Valley, CA	Kern, CA	cold	La Paz, AZ	0
San Joaquin Valley, CA	Kern, CA	cold	Lake, OR	0
San Joaquin Valley, CA	Kern, CA	cold	Lander, NV	0
San Joaquin Valley, CA	Kern, CA	cold	Lassen, CA	0
San Joaquin Valley, CA	Kern, CA	cold	Lincoln, NV	0
San Joaquin Valley, CA	Kern, CA	cold	Los Angeles, CA	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	Kern, CA	cold	Lyon, NV	0
San Joaquin Valley, CA	Kern, CA	cold	Madera, CA	54
San Joaquin Valley, CA	Kern, CA	cold	Malheur, OR	0
San Joaquin Valley, CA	Kern, CA	cold	Maricopa, AZ	0
San Joaquin Valley, CA	Kern, CA	cold	Mariposa, CA	13
San Joaquin Valley, CA	Kern, CA	cold	Merced, CA	61
San Joaquin Valley, CA	Kern, CA	cold	Mesa, CO	0
San Joaquin Valley, CA	Kern, CA	cold	Millard, UT	0
San Joaquin Valley, CA	Kern, CA	cold	Mineral, NV	0
San Joaquin Valley, CA	Kern, CA	cold	Modoc, CA	0
San Joaquin Valley, CA	Kern, CA	cold	Mohave, AZ	0
San Joaquin Valley, CA	Kern, CA	cold	Mono, CA	0
San Joaquin Valley, CA	Kern, CA	cold	Monterey, CA	1
San Joaquin Valley, CA	Kern, CA	cold	Montezuma, CO	0
San Joaquin Valley, CA	Kern, CA	cold	Montrose, CO	0
San Joaquin Valley, CA	Kern, CA	cold	Navajo, AZ	0
San Joaquin Valley, CA	Kern, CA	cold	Nevada, CA	1
San Joaquin Valley, CA	Kern, CA	cold	Nye, NV	0
San Joaquin Valley, CA	Kern, CA	cold	Orange, CA	0
San Joaquin Valley, CA	Kern, CA	cold	Owyhee, ID	0
San Joaquin Valley, CA	Kern, CA	cold	Pershing, NV	0
San Joaquin Valley, CA	Kern, CA	cold	Pima, AZ	0
San Joaquin Valley, CA	Kern, CA	cold	Pinal, AZ	0
San Joaquin Valley, CA	Kern, CA	cold	Piute, UT	0
San Joaquin Valley, CA	Kern, CA	cold	Placer, CA	2
San Joaquin Valley, CA	Kern, CA	cold	Riverside, CA	0
San Joaquin Valley, CA	Kern, CA	cold	Sacramento, CA	22
San Joaquin Valley, CA	Kern, CA	cold	Salt Lake, UT	0
San Joaquin Valley, CA	Kern, CA	cold	San Benito, CA	1
San Joaquin Valley, CA	Kern, CA	cold	San Bernardino, CA	2
San Joaquin Valley, CA	Kern, CA	cold	San Diego, CA	0
San Joaquin Valley, CA	Kern, CA	cold	San Francisco, CA	3
San Joaquin Valley, CA	Kern, CA	cold	San Joaquin, CA	57
San Joaquin Valley, CA	Kern, CA	cold	San Juan, NM	0
San Joaquin Valley, CA	Kern, CA	cold	San Juan, UT	0
San Joaquin Valley, CA	Kern, CA	cold	San Luis Obispo, CA	2
San Joaquin Valley, CA	Kern, CA	cold	San Mateo, CA	1
San Joaquin Valley, CA	Kern, CA	cold	San Miguel, CO	0
San Joaquin Valley, CA	Kern, CA	cold	Sanpete, UT	0
San Joaquin Valley, CA	Kern, CA	cold	Santa Barbara, CA	2
San Joaquin Valley, CA	Kern, CA	cold	Santa Clara, CA	1
San Joaquin Valley, CA	Kern, CA	cold	Santa Cruz, AZ	0
San Joaquin Valley, CA	Kern, CA	cold	Santa Cruz, CA	0
San Joaquin Valley, CA	Kern, CA	cold	Sevier, UT	0
San Joaquin Valley, CA	Kern, CA	cold	Sierra, CA	0
San Joaquin Valley, CA	Kern, CA	cold	Stanislaus, CA	48
San Joaquin Valley, CA	Kern, CA	cold	Storey, NV	0
San Joaquin Valley, CA	Kern, CA	cold	Sutter, CA	10
San Joaquin Valley, CA	Kern, CA	cold	Tooele, UT	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	Kern, CA	cold	Tulare, CA	44
San Joaquin Valley, CA	Kern, CA	cold	Tuolumne, CA	4
San Joaquin Valley, CA	Kern, CA	cold	Twin Falls, ID	0
San Joaquin Valley, CA	Kern, CA	cold	Utah, UT	0
San Joaquin Valley, CA	Kern, CA	cold	Ventura, CA	3
San Joaquin Valley, CA	Kern, CA	cold	Washington, UT	0
San Joaquin Valley, CA	Kern, CA	cold	Washoe, NV	0
San Joaquin Valley, CA	Kern, CA	cold	Wayne, UT	0
San Joaquin Valley, CA	Kern, CA	cold	Weber, UT	0
San Joaquin Valley, CA	Kern, CA	cold	White Pine, NV	0
San Joaquin Valley, CA	Kern, CA	cold	Yavapai, AZ	0
San Joaquin Valley, CA	Kern, CA	cold	Yuba, CA	4
San Joaquin Valley, CA	Kern, CA	cold	Yuma, AZ	0
San Joaquin Valley, CA	Kern, CA	warm	Alameda, CA	62
San Joaquin Valley, CA	Kern, CA	warm	Alpine, CA	2
San Joaquin Valley, CA	Kern, CA	warm	Amador, CA	28
San Joaquin Valley, CA	Kern, CA	warm	Apache, AZ	0
San Joaquin Valley, CA	Kern, CA	warm	Beaver, UT	0
San Joaquin Valley, CA	Kern, CA	warm	Box Elder, UT	0
San Joaquin Valley, CA	Kern, CA	warm	Calaveras, CA	38
San Joaquin Valley, CA	Kern, CA	warm	Carson, NV	1
San Joaquin Valley, CA	Kern, CA	warm	Cassia, ID	0
San Joaquin Valley, CA	Kern, CA	warm	Churchill, NV	0
San Joaquin Valley, CA	Kern, CA	warm	Clark, NV	2
San Joaquin Valley, CA	Kern, CA	warm	Cochise, AZ	0
San Joaquin Valley, CA	Kern, CA	warm	Coconino, AZ	0
San Joaquin Valley, CA	Kern, CA	warm	Davis, UT	0
San Joaquin Valley, CA	Kern, CA	warm	Dolores, CO	0
San Joaquin Valley, CA	Kern, CA	warm	Douglas, NV	1
San Joaquin Valley, CA	Kern, CA	warm	El Dorado, CA	8
San Joaquin Valley, CA	Kern, CA	warm	Elko, NV	0
San Joaquin Valley, CA	Kern, CA	warm	Emery, UT	0
San Joaquin Valley, CA	Kern, CA	warm	Esmeralda, NV	0
San Joaquin Valley, CA	Kern, CA	warm	Eureka, NV	0
San Joaquin Valley, CA	Kern, CA	warm	Fresno, CA	54
San Joaquin Valley, CA	Kern, CA	warm	Garfield, UT	0
San Joaquin Valley, CA	Kern, CA	warm	Gila, AZ	0
San Joaquin Valley, CA	Kern, CA	warm	Graham, AZ	0
San Joaquin Valley, CA	Kern, CA	warm	Grand, UT	0
San Joaquin Valley, CA	Kern, CA	warm	Harney, OR	0
San Joaquin Valley, CA	Kern, CA	warm	Humboldt, NV	0
San Joaquin Valley, CA	Kern, CA	warm	Imperial, CA	0
San Joaquin Valley, CA	Kern, CA	warm	Inyo, CA	5
San Joaquin Valley, CA	Kern, CA	warm	Iron, UT	0
San Joaquin Valley, CA	Kern, CA	warm	Juab, UT	0
San Joaquin Valley, CA	Kern, CA	warm	Kane, UT	0
San Joaquin Valley, CA	Kern, CA	warm	Kern, CA	38
San Joaquin Valley, CA	Kern, CA	warm	Kings, CA	96
San Joaquin Valley, CA	Kern, CA	warm	La Paz, AZ	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	Kern, CA	warm	Lake, OR	0
San Joaquin Valley, CA	Kern, CA	warm	Lander, NV	0
San Joaquin Valley, CA	Kern, CA	warm	Lassen, CA	1
San Joaquin Valley, CA	Kern, CA	warm	Lincoln, NV	1
San Joaquin Valley, CA	Kern, CA	warm	Los Angeles, CA	2
San Joaquin Valley, CA	Kern, CA	warm	Lyon, NV	0
San Joaquin Valley, CA	Kern, CA	warm	Madera, CA	71
San Joaquin Valley, CA	Kern, CA	warm	Malheur, OR	0
San Joaquin Valley, CA	Kern, CA	warm	Maricopa, AZ	0
San Joaquin Valley, CA	Kern, CA	warm	Mariposa, CA	39
San Joaquin Valley, CA	Kern, CA	warm	Merced, CA	93
San Joaquin Valley, CA	Kern, CA	warm	Mesa, CO	0
San Joaquin Valley, CA	Kern, CA	warm	Millard, UT	0
San Joaquin Valley, CA	Kern, CA	warm	Mineral, NV	0
San Joaquin Valley, CA	Kern, CA	warm	Modoc, CA	1
San Joaquin Valley, CA	Kern, CA	warm	Mohave, AZ	1
San Joaquin Valley, CA	Kern, CA	warm	Mono, CA	1
San Joaquin Valley, CA	Kern, CA	warm	Monterey, CA	12
San Joaquin Valley, CA	Kern, CA	warm	Montezuma, CO	0
San Joaquin Valley, CA	Kern, CA	warm	Montrose, CO	0
San Joaquin Valley, CA	Kern, CA	warm	Navajo, AZ	0
San Joaquin Valley, CA	Kern, CA	warm	Nevada, CA	3
San Joaquin Valley, CA	Kern, CA	warm	Nye, NV	0
San Joaquin Valley, CA	Kern, CA	warm	Orange, CA	0
San Joaquin Valley, CA	Kern, CA	warm	Owyhee, ID	0
San Joaquin Valley, CA	Kern, CA	warm	Pershing, NV	0
San Joaquin Valley, CA	Kern, CA	warm	Pima, AZ	0
San Joaquin Valley, CA	Kern, CA	warm	Pinal, AZ	1
San Joaquin Valley, CA	Kern, CA	warm	Piute, UT	0
San Joaquin Valley, CA	Kern, CA	warm	Placer, CA	7
San Joaquin Valley, CA	Kern, CA	warm	Riverside, CA	0
San Joaquin Valley, CA	Kern, CA	warm	Sacramento, CA	60
San Joaquin Valley, CA	Kern, CA	warm	Salt Lake, UT	0
San Joaquin Valley, CA	Kern, CA	warm	San Benito, CA	25
San Joaquin Valley, CA	Kern, CA	warm	San Bernardino, CA	4
San Joaquin Valley, CA	Kern, CA	warm	San Diego, CA	0
San Joaquin Valley, CA	Kern, CA	warm	San Francisco, CA	68
San Joaquin Valley, CA	Kern, CA	warm	San Joaquin, CA	100
San Joaquin Valley, CA	Kern, CA	warm	San Juan, NM	0
San Joaquin Valley, CA	Kern, CA	warm	San Juan, UT	0
San Joaquin Valley, CA	Kern, CA	warm	San Luis Obispo, CA	11
San Joaquin Valley, CA	Kern, CA	warm	San Mateo, CA	57
San Joaquin Valley, CA	Kern, CA	warm	San Miguel, CO	0
San Joaquin Valley, CA	Kern, CA	warm	Sanpete, UT	0
San Joaquin Valley, CA	Kern, CA	warm	Santa Barbara, CA	2
San Joaquin Valley, CA	Kern, CA	warm	Santa Clara, CA	36
San Joaquin Valley, CA	Kern, CA	warm	Santa Cruz, AZ	0
San Joaquin Valley, CA	Kern, CA	warm	Santa Cruz, CA	31
San Joaquin Valley, CA	Kern, CA	warm	Sevier, UT	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	Kern, CA	warm	Sierra, CA	1
San Joaquin Valley, CA	Kern, CA	warm	Stanislaus, CA	89
San Joaquin Valley, CA	Kern, CA	warm	Storey, NV	0
San Joaquin Valley, CA	Kern, CA	warm	Sutter, CA	18
San Joaquin Valley, CA	Kern, CA	warm	Tooele, UT	0
San Joaquin Valley, CA	Kern, CA	warm	Tulare, CA	40
San Joaquin Valley, CA	Kern, CA	warm	Tuolumne, CA	16
San Joaquin Valley, CA	Kern, CA	warm	Twin Falls, ID	0
San Joaquin Valley, CA	Kern, CA	warm	Utah, UT	0
San Joaquin Valley, CA	Kern, CA	warm	Ventura, CA	3
San Joaquin Valley, CA	Kern, CA	warm	Washington, UT	1
San Joaquin Valley, CA	Kern, CA	warm	Washoe, NV	0
San Joaquin Valley, CA	Kern, CA	warm	Wayne, UT	0
San Joaquin Valley, CA	Kern, CA	warm	Weber, UT	0
San Joaquin Valley, CA	Kern, CA	warm	White Pine, NV	0
San Joaquin Valley, CA	Kern, CA	warm	Yavapai, AZ	0
San Joaquin Valley, CA	Kern, CA	warm	Yuba, CA	8
San Joaquin Valley, CA	Kern, CA	warm	Yuma, AZ	0
San Joaquin Valley, CA	Kings, CA	cold	Alameda, CA	7
San Joaquin Valley, CA	Kings, CA	cold	Alpine, CA	0
San Joaquin Valley, CA	Kings, CA	cold	Amador, CA	12
San Joaquin Valley, CA	Kings, CA	cold	Apache, AZ	0
San Joaquin Valley, CA	Kings, CA	cold	Beaver, UT	0
San Joaquin Valley, CA	Kings, CA	cold	Box Elder, UT	0
San Joaquin Valley, CA	Kings, CA	cold	Calaveras, CA	15
San Joaquin Valley, CA	Kings, CA	cold	Carson, NV	0
San Joaquin Valley, CA	Kings, CA	cold	Cassia, ID	0
San Joaquin Valley, CA	Kings, CA	cold	Churchill, NV	0
San Joaquin Valley, CA	Kings, CA	cold	Clark, NV	0
San Joaquin Valley, CA	Kings, CA	cold	Cochise, AZ	0
San Joaquin Valley, CA	Kings, CA	cold	Coconino, AZ	0
San Joaquin Valley, CA	Kings, CA	cold	Davis, UT	0
San Joaquin Valley, CA	Kings, CA	cold	Dolores, CO	0
San Joaquin Valley, CA	Kings, CA	cold	Douglas, NV	0
San Joaquin Valley, CA	Kings, CA	cold	El Dorado, CA	4
San Joaquin Valley, CA	Kings, CA	cold	Elko, NV	0
San Joaquin Valley, CA	Kings, CA	cold	Emery, UT	0
San Joaquin Valley, CA	Kings, CA	cold	Esmeralda, NV	1
San Joaquin Valley, CA	Kings, CA	cold	Eureka, NV	0
San Joaquin Valley, CA	Kings, CA	cold	Fresno, CA	43
San Joaquin Valley, CA	Kings, CA	cold	Garfield, UT	0
San Joaquin Valley, CA	Kings, CA	cold	Gila, AZ	0
San Joaquin Valley, CA	Kings, CA	cold	Graham, AZ	0
San Joaquin Valley, CA	Kings, CA	cold	Grand, UT	0
San Joaquin Valley, CA	Kings, CA	cold	Harney, OR	0
San Joaquin Valley, CA	Kings, CA	cold	Humboldt, NV	0
San Joaquin Valley, CA	Kings, CA	cold	Imperial, CA	0
San Joaquin Valley, CA	Kings, CA	cold	Inyo, CA	3
San Joaquin Valley, CA	Kings, CA	cold	Iron, UT	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	Kings, CA	cold	Juab, UT	0
San Joaquin Valley, CA	Kings, CA	cold	Kane, UT	0
San Joaquin Valley, CA	Kings, CA	cold	Kern, CA	40
San Joaquin Valley, CA	Kings, CA	cold	Kings, CA	100
San Joaquin Valley, CA	Kings, CA	cold	La Paz, AZ	0
San Joaquin Valley, CA	Kings, CA	cold	Lake, OR	0
San Joaquin Valley, CA	Kings, CA	cold	Lander, NV	0
San Joaquin Valley, CA	Kings, CA	cold	Lassen, CA	0
San Joaquin Valley, CA	Kings, CA	cold	Lincoln, NV	0
San Joaquin Valley, CA	Kings, CA	cold	Los Angeles, CA	0
San Joaquin Valley, CA	Kings, CA	cold	Lyon, NV	0
San Joaquin Valley, CA	Kings, CA	cold	Madera, CA	53
San Joaquin Valley, CA	Kings, CA	cold	Malheur, OR	0
San Joaquin Valley, CA	Kings, CA	cold	Maricopa, AZ	0
San Joaquin Valley, CA	Kings, CA	cold	Mariposa, CA	14
San Joaquin Valley, CA	Kings, CA	cold	Merced, CA	76
San Joaquin Valley, CA	Kings, CA	cold	Mesa, CO	0
San Joaquin Valley, CA	Kings, CA	cold	Millard, UT	0
San Joaquin Valley, CA	Kings, CA	cold	Mineral, NV	0
San Joaquin Valley, CA	Kings, CA	cold	Modoc, CA	0
San Joaquin Valley, CA	Kings, CA	cold	Mohave, AZ	0
San Joaquin Valley, CA	Kings, CA	cold	Mono, CA	0
San Joaquin Valley, CA	Kings, CA	cold	Monterey, CA	0
San Joaquin Valley, CA	Kings, CA	cold	Montezuma, CO	0
San Joaquin Valley, CA	Kings, CA	cold	Montrose, CO	0
San Joaquin Valley, CA	Kings, CA	cold	Navajo, AZ	0
San Joaquin Valley, CA	Kings, CA	cold	Nevada, CA	2
San Joaquin Valley, CA	Kings, CA	cold	Nye, NV	0
San Joaquin Valley, CA	Kings, CA	cold	Orange, CA	0
San Joaquin Valley, CA	Kings, CA	cold	Owyhee, ID	0
San Joaquin Valley, CA	Kings, CA	cold	Pershing, NV	0
San Joaquin Valley, CA	Kings, CA	cold	Pima, AZ	0
San Joaquin Valley, CA	Kings, CA	cold	Pinal, AZ	0
San Joaquin Valley, CA	Kings, CA	cold	Piute, UT	0
San Joaquin Valley, CA	Kings, CA	cold	Placer, CA	6
San Joaquin Valley, CA	Kings, CA	cold	Riverside, CA	0
San Joaquin Valley, CA	Kings, CA	cold	Sacramento, CA	38
San Joaquin Valley, CA	Kings, CA	cold	Salt Lake, UT	0
San Joaquin Valley, CA	Kings, CA	cold	San Benito, CA	1
San Joaquin Valley, CA	Kings, CA	cold	San Bernardino, CA	1
San Joaquin Valley, CA	Kings, CA	cold	San Diego, CA	0
San Joaquin Valley, CA	Kings, CA	cold	San Francisco, CA	3
San Joaquin Valley, CA	Kings, CA	cold	San Joaquin, CA	80
San Joaquin Valley, CA	Kings, CA	cold	San Juan, NM	0
San Joaquin Valley, CA	Kings, CA	cold	San Juan, UT	0
San Joaquin Valley, CA	Kings, CA	cold	San Luis Obispo, CA	1
San Joaquin Valley, CA	Kings, CA	cold	San Mateo, CA	1
San Joaquin Valley, CA	Kings, CA	cold	San Miguel, CO	0
San Joaquin Valley, CA	Kings, CA	cold	Sanpete, UT	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	Kings, CA	cold	Santa Barbara, CA	0
San Joaquin Valley, CA	Kings, CA	cold	Santa Clara, CA	1
San Joaquin Valley, CA	Kings, CA	cold	Santa Cruz, AZ	0
San Joaquin Valley, CA	Kings, CA	cold	Santa Cruz, CA	0
San Joaquin Valley, CA	Kings, CA	cold	Sevier, UT	0
San Joaquin Valley, CA	Kings, CA	cold	Sierra, CA	0
San Joaquin Valley, CA	Kings, CA	cold	Stanislaus, CA	65
San Joaquin Valley, CA	Kings, CA	cold	Storey, NV	0
San Joaquin Valley, CA	Kings, CA	cold	Sutter, CA	22
San Joaquin Valley, CA	Kings, CA	cold	Tooele, UT	0
San Joaquin Valley, CA	Kings, CA	cold	Tulare, CA	42
San Joaquin Valley, CA	Kings, CA	cold	Tuolumne, CA	6
San Joaquin Valley, CA	Kings, CA	cold	Twin Falls, ID	0
San Joaquin Valley, CA	Kings, CA	cold	Utah, UT	0
San Joaquin Valley, CA	Kings, CA	cold	Ventura, CA	2
San Joaquin Valley, CA	Kings, CA	cold	Washington, UT	0
San Joaquin Valley, CA	Kings, CA	cold	Washoe, NV	0
San Joaquin Valley, CA	Kings, CA	cold	Wayne, UT	0
San Joaquin Valley, CA	Kings, CA	cold	Weber, UT	0
San Joaquin Valley, CA	Kings, CA	cold	White Pine, NV	0
San Joaquin Valley, CA	Kings, CA	cold	Yavapai, AZ	0
San Joaquin Valley, CA	Kings, CA	cold	Yuba, CA	10
San Joaquin Valley, CA	Kings, CA	cold	Yuma, AZ	0
San Joaquin Valley, CA	Merced, CA	cold	Alameda, CA	4
San Joaquin Valley, CA	Merced, CA	cold	Alpine, CA	0
San Joaquin Valley, CA	Merced, CA	cold	Amador, CA	16
San Joaquin Valley, CA	Merced, CA	cold	Apache, AZ	0
San Joaquin Valley, CA	Merced, CA	cold	Beaver, UT	0
San Joaquin Valley, CA	Merced, CA	cold	Box Elder, UT	0
San Joaquin Valley, CA	Merced, CA	cold	Calaveras, CA	19
San Joaquin Valley, CA	Merced, CA	cold	Carson, NV	0
San Joaquin Valley, CA	Merced, CA	cold	Cassia, ID	0
San Joaquin Valley, CA	Merced, CA	cold	Churchill, NV	0
San Joaquin Valley, CA	Merced, CA	cold	Clark, NV	0
San Joaquin Valley, CA	Merced, CA	cold	Cochise, AZ	0
San Joaquin Valley, CA	Merced, CA	cold	Coconino, AZ	0
San Joaquin Valley, CA	Merced, CA	cold	Davis, UT	0
San Joaquin Valley, CA	Merced, CA	cold	Dolores, CO	0
San Joaquin Valley, CA	Merced, CA	cold	Douglas, NV	0
San Joaquin Valley, CA	Merced, CA	cold	El Dorado, CA	4
San Joaquin Valley, CA	Merced, CA	cold	Elko, NV	0
San Joaquin Valley, CA	Merced, CA	cold	Emery, UT	0
San Joaquin Valley, CA	Merced, CA	cold	Esmeralda, NV	0
San Joaquin Valley, CA	Merced, CA	cold	Eureka, NV	0
San Joaquin Valley, CA	Merced, CA	cold	Fresno, CA	36
San Joaquin Valley, CA	Merced, CA	cold	Garfield, UT	0
San Joaquin Valley, CA	Merced, CA	cold	Gila, AZ	0
San Joaquin Valley, CA	Merced, CA	cold	Graham, AZ	0
San Joaquin Valley, CA	Merced, CA	cold	Grand, UT	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	Merced, CA	cold	Harney, OR	0
San Joaquin Valley, CA	Merced, CA	cold	Humboldt, NV	0
San Joaquin Valley, CA	Merced, CA	cold	Imperial, CA	0
San Joaquin Valley, CA	Merced, CA	cold	Inyo, CA	2
San Joaquin Valley, CA	Merced, CA	cold	Iron, UT	0
San Joaquin Valley, CA	Merced, CA	cold	Juab, UT	0
San Joaquin Valley, CA	Merced, CA	cold	Kane, UT	0
San Joaquin Valley, CA	Merced, CA	cold	Kern, CA	13
San Joaquin Valley, CA	Merced, CA	cold	Kings, CA	34
San Joaquin Valley, CA	Merced, CA	cold	La Paz, AZ	0
San Joaquin Valley, CA	Merced, CA	cold	Lake, OR	0
San Joaquin Valley, CA	Merced, CA	cold	Lander, NV	0
San Joaquin Valley, CA	Merced, CA	cold	Lassen, CA	0
San Joaquin Valley, CA	Merced, CA	cold	Lincoln, NV	0
San Joaquin Valley, CA	Merced, CA	cold	Los Angeles, CA	0
San Joaquin Valley, CA	Merced, CA	cold	Lyon, NV	1
San Joaquin Valley, CA	Merced, CA	cold	Madera, CA	63
San Joaquin Valley, CA	Merced, CA	cold	Malheur, OR	0
San Joaquin Valley, CA	Merced, CA	cold	Maricopa, AZ	0
San Joaquin Valley, CA	Merced, CA	cold	Mariposa, CA	20
San Joaquin Valley, CA	Merced, CA	cold	Merced, CA	88
San Joaquin Valley, CA	Merced, CA	cold	Mesa, CO	0
San Joaquin Valley, CA	Merced, CA	cold	Millard, UT	0
San Joaquin Valley, CA	Merced, CA	cold	Mineral, NV	0
San Joaquin Valley, CA	Merced, CA	cold	Modoc, CA	0
San Joaquin Valley, CA	Merced, CA	cold	Mohave, AZ	0
San Joaquin Valley, CA	Merced, CA	cold	Mono, CA	1
San Joaquin Valley, CA	Merced, CA	cold	Monterey, CA	0
San Joaquin Valley, CA	Merced, CA	cold	Montezuma, CO	0
San Joaquin Valley, CA	Merced, CA	cold	Montrose, CO	0
San Joaquin Valley, CA	Merced, CA	cold	Navajo, AZ	0
San Joaquin Valley, CA	Merced, CA	cold	Nevada, CA	2
San Joaquin Valley, CA	Merced, CA	cold	Nye, NV	0
San Joaquin Valley, CA	Merced, CA	cold	Orange, CA	0
San Joaquin Valley, CA	Merced, CA	cold	Owyhee, ID	0
San Joaquin Valley, CA	Merced, CA	cold	Pershing, NV	0
San Joaquin Valley, CA	Merced, CA	cold	Pima, AZ	0
San Joaquin Valley, CA	Merced, CA	cold	Pinal, AZ	0
San Joaquin Valley, CA	Merced, CA	cold	Piute, UT	0
San Joaquin Valley, CA	Merced, CA	cold	Placer, CA	7
San Joaquin Valley, CA	Merced, CA	cold	Riverside, CA	0
San Joaquin Valley, CA	Merced, CA	cold	Sacramento, CA	52
San Joaquin Valley, CA	Merced, CA	cold	Salt Lake, UT	0
San Joaquin Valley, CA	Merced, CA	cold	San Benito, CA	0
San Joaquin Valley, CA	Merced, CA	cold	San Bernardino, CA	0
San Joaquin Valley, CA	Merced, CA	cold	San Diego, CA	0
San Joaquin Valley, CA	Merced, CA	cold	San Francisco, CA	2
San Joaquin Valley, CA	Merced, CA	cold	San Joaquin, CA	100
San Joaquin Valley, CA	Merced, CA	cold	San Juan, NM	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	Merced, CA	cold	San Juan, UT	0
San Joaquin Valley, CA	Merced, CA	cold	San Luis Obispo, CA	0
San Joaquin Valley, CA	Merced, CA	cold	San Mateo, CA	1
San Joaquin Valley, CA	Merced, CA	cold	San Miguel, CO	0
San Joaquin Valley, CA	Merced, CA	cold	Sanpete, UT	0
San Joaquin Valley, CA	Merced, CA	cold	Santa Barbara, CA	0
San Joaquin Valley, CA	Merced, CA	cold	Santa Clara, CA	1
San Joaquin Valley, CA	Merced, CA	cold	Santa Cruz, AZ	0
San Joaquin Valley, CA	Merced, CA	cold	Santa Cruz, CA	0
San Joaquin Valley, CA	Merced, CA	cold	Sevier, UT	0
San Joaquin Valley, CA	Merced, CA	cold	Sierra, CA	0
San Joaquin Valley, CA	Merced, CA	cold	Stanislaus, CA	81
San Joaquin Valley, CA	Merced, CA	cold	Storey, NV	0
San Joaquin Valley, CA	Merced, CA	cold	Sutter, CA	29
San Joaquin Valley, CA	Merced, CA	cold	Tooele, UT	0
San Joaquin Valley, CA	Merced, CA	cold	Tulare, CA	25
San Joaquin Valley, CA	Merced, CA	cold	Tuolumne, CA	6
San Joaquin Valley, CA	Merced, CA	cold	Twin Falls, ID	0
San Joaquin Valley, CA	Merced, CA	cold	Utah, UT	0
San Joaquin Valley, CA	Merced, CA	cold	Ventura, CA	0
San Joaquin Valley, CA	Merced, CA	cold	Washington, UT	0
San Joaquin Valley, CA	Merced, CA	cold	Washoe, NV	0
San Joaquin Valley, CA	Merced, CA	cold	Wayne, UT	0
San Joaquin Valley, CA	Merced, CA	cold	Weber, UT	0
San Joaquin Valley, CA	Merced, CA	cold	White Pine, NV	0
San Joaquin Valley, CA	Merced, CA	cold	Yavapai, AZ	0
San Joaquin Valley, CA	Merced, CA	cold	Yuba, CA	10
San Joaquin Valley, CA	Merced, CA	cold	Yuma, AZ	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Alameda, CA	4
San Joaquin Valley, CA	San Joaquin, CA	cold	Alpine, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Amador, CA	7
San Joaquin Valley, CA	San Joaquin, CA	cold	Apache, AZ	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Beaver, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Box Elder, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Calaveras, CA	10
San Joaquin Valley, CA	San Joaquin, CA	cold	Carson, NV	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Cassia, ID	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Churchill, NV	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Clark, NV	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Cochise, AZ	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Coconino, AZ	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Davis, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Dolores, CO	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Douglas, NV	0
San Joaquin Valley, CA	San Joaquin, CA	cold	El Dorado, CA	2
San Joaquin Valley, CA	San Joaquin, CA	cold	Elko, NV	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Emery, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Esmeralda, NV	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Eureka, NV	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	San Joaquin, CA	cold	Fresno, CA	15
San Joaquin Valley, CA	San Joaquin, CA	cold	Garfield, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Gila, AZ	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Graham, AZ	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Grand, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Harney, OR	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Humboldt, NV	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Imperial, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Inyo, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Iron, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Juab, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Kane, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Kern, CA	1
San Joaquin Valley, CA	San Joaquin, CA	cold	Kings, CA	11
San Joaquin Valley, CA	San Joaquin, CA	cold	La Paz, AZ	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Lake, OR	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Lander, NV	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Lassen, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Lincoln, NV	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Los Angeles, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Lyon, NV	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Madera, CA	29
San Joaquin Valley, CA	San Joaquin, CA	cold	Malheur, OR	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Maricopa, AZ	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Mariposa, CA	10
San Joaquin Valley, CA	San Joaquin, CA	cold	Merced, CA	44
San Joaquin Valley, CA	San Joaquin, CA	cold	Mesa, CO	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Millard, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Mineral, NV	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Modoc, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Mohave, AZ	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Mono, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Monterey, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Montezuma, CO	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Montrose, CO	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Navajo, AZ	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Nevada, CA	1
San Joaquin Valley, CA	San Joaquin, CA	cold	Nye, NV	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Orange, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Owyhee, ID	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Pershing, NV	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Pima, AZ	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Pinal, AZ	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Piute, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Placer, CA	5
San Joaquin Valley, CA	San Joaquin, CA	cold	Riverside, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Sacramento, CA	52
San Joaquin Valley, CA	San Joaquin, CA	cold	Salt Lake, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	San Benito, CA	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	San Joaquin, CA	cold	San Bernardino, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	San Diego, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	San Francisco, CA	2
San Joaquin Valley, CA	San Joaquin, CA	cold	San Joaquin, CA	100
San Joaquin Valley, CA	San Joaquin, CA	cold	San Juan, NM	0
San Joaquin Valley, CA	San Joaquin, CA	cold	San Juan, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	San Luis Obispo, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	San Mateo, CA	1
San Joaquin Valley, CA	San Joaquin, CA	cold	San Miguel, CO	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Sanpete, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Santa Barbara, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Santa Clara, CA	1
San Joaquin Valley, CA	San Joaquin, CA	cold	Santa Cruz, AZ	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Santa Cruz, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Sevier, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Sierra, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Stanislaus, CA	60
San Joaquin Valley, CA	San Joaquin, CA	cold	Storey, NV	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Sutter, CA	27
San Joaquin Valley, CA	San Joaquin, CA	cold	Tooele, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Tulare, CA	15
San Joaquin Valley, CA	San Joaquin, CA	cold	Tuolumne, CA	3
San Joaquin Valley, CA	San Joaquin, CA	cold	Twin Falls, ID	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Utah, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Ventura, CA	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Washington, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Washoe, NV	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Wayne, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Weber, UT	0
San Joaquin Valley, CA	San Joaquin, CA	cold	White Pine, NV	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Yavapai, AZ	0
San Joaquin Valley, CA	San Joaquin, CA	cold	Yuba, CA	10
San Joaquin Valley, CA	San Joaquin, CA	cold	Yuma, AZ	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Alameda, CA	5
San Joaquin Valley, CA	Stanislaus, CA	cold	Alpine, CA	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Amador, CA	14
San Joaquin Valley, CA	Stanislaus, CA	cold	Apache, AZ	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Beaver, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Box Elder, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Calaveras, CA	15
San Joaquin Valley, CA	Stanislaus, CA	cold	Carson, NV	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Cassia, ID	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Churchill, NV	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Clark, NV	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Cochise, AZ	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Coconino, AZ	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Davis, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Dolores, CO	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Douglas, NV	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	Stanislaus, CA	cold	El Dorado, CA	4
San Joaquin Valley, CA	Stanislaus, CA	cold	Elko, NV	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Emery, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Esmeralda, NV	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Eureka, NV	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Fresno, CA	27
San Joaquin Valley, CA	Stanislaus, CA	cold	Garfield, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Gila, AZ	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Graham, AZ	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Grand, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Harney, OR	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Humboldt, NV	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Imperial, CA	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Inyo, CA	2
San Joaquin Valley, CA	Stanislaus, CA	cold	Iron, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Juab, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Kane, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Kern, CA	13
San Joaquin Valley, CA	Stanislaus, CA	cold	Kings, CA	24
San Joaquin Valley, CA	Stanislaus, CA	cold	La Paz, AZ	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Lake, OR	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Lander, NV	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Lassen, CA	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Lincoln, NV	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Los Angeles, CA	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Lyon, NV	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Madera, CA	48
San Joaquin Valley, CA	Stanislaus, CA	cold	Malheur, OR	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Maricopa, AZ	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Mariposa, CA	15
San Joaquin Valley, CA	Stanislaus, CA	cold	Merced, CA	65
San Joaquin Valley, CA	Stanislaus, CA	cold	Mesa, CO	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Millard, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Mineral, NV	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Modoc, CA	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Mohave, AZ	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Mono, CA	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Monterey, CA	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Montezuma, CO	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Montrose, CO	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Navajo, AZ	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Nevada, CA	2
San Joaquin Valley, CA	Stanislaus, CA	cold	Nye, NV	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Orange, CA	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Owyhee, ID	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Pershing, NV	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Pima, AZ	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Pinal, AZ	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Piute, UT	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	Stanislaus, CA	cold	Placer, CA	7
San Joaquin Valley, CA	Stanislaus, CA	cold	Riverside, CA	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Sacramento, CA	52
San Joaquin Valley, CA	Stanislaus, CA	cold	Salt Lake, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	San Benito, CA	0
San Joaquin Valley, CA	Stanislaus, CA	cold	San Bernardino, CA	1
San Joaquin Valley, CA	Stanislaus, CA	cold	San Diego, CA	0
San Joaquin Valley, CA	Stanislaus, CA	cold	San Francisco, CA	2
San Joaquin Valley, CA	Stanislaus, CA	cold	San Joaquin, CA	100
San Joaquin Valley, CA	Stanislaus, CA	cold	San Juan, NM	0
San Joaquin Valley, CA	Stanislaus, CA	cold	San Juan, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	San Luis Obispo, CA	0
San Joaquin Valley, CA	Stanislaus, CA	cold	San Mateo, CA	1
San Joaquin Valley, CA	Stanislaus, CA	cold	San Miguel, CO	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Sanpete, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Santa Barbara, CA	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Santa Clara, CA	1
San Joaquin Valley, CA	Stanislaus, CA	cold	Santa Cruz, AZ	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Santa Cruz, CA	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Sevier, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Sierra, CA	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Stanislaus, CA	83
San Joaquin Valley, CA	Stanislaus, CA	cold	Storey, NV	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Sutter, CA	26
San Joaquin Valley, CA	Stanislaus, CA	cold	Tooele, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Tulare, CA	18
San Joaquin Valley, CA	Stanislaus, CA	cold	Tuolumne, CA	4
San Joaquin Valley, CA	Stanislaus, CA	cold	Twin Falls, ID	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Utah, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Ventura, CA	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Washington, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Washoe, NV	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Wayne, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Weber, UT	0
San Joaquin Valley, CA	Stanislaus, CA	cold	White Pine, NV	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Yavapai, AZ	0
San Joaquin Valley, CA	Stanislaus, CA	cold	Yuba, CA	11
San Joaquin Valley, CA	Stanislaus, CA	cold	Yuma, AZ	0
San Joaquin Valley, CA	Tulare, CA	cold	Alameda, CA	8
San Joaquin Valley, CA	Tulare, CA	cold	Alpine, CA	0
San Joaquin Valley, CA	Tulare, CA	cold	Amador, CA	12
San Joaquin Valley, CA	Tulare, CA	cold	Apache, AZ	0
San Joaquin Valley, CA	Tulare, CA	cold	Beaver, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Box Elder, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Calaveras, CA	17
San Joaquin Valley, CA	Tulare, CA	cold	Carson, NV	0
San Joaquin Valley, CA	Tulare, CA	cold	Cassia, ID	0
San Joaquin Valley, CA	Tulare, CA	cold	Churchill, NV	0
San Joaquin Valley, CA	Tulare, CA	cold	Clark, NV	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	Tulare, CA	cold	Cochise, AZ	0
San Joaquin Valley, CA	Tulare, CA	cold	Coconino, AZ	0
San Joaquin Valley, CA	Tulare, CA	cold	Davis, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Dolores, CO	0
San Joaquin Valley, CA	Tulare, CA	cold	Douglas, NV	0
San Joaquin Valley, CA	Tulare, CA	cold	El Dorado, CA	4
San Joaquin Valley, CA	Tulare, CA	cold	Elko, NV	0
San Joaquin Valley, CA	Tulare, CA	cold	Emery, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Esmeralda, NV	0
San Joaquin Valley, CA	Tulare, CA	cold	Eureka, NV	0
San Joaquin Valley, CA	Tulare, CA	cold	Fresno, CA	57
San Joaquin Valley, CA	Tulare, CA	cold	Garfield, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Gila, AZ	0
San Joaquin Valley, CA	Tulare, CA	cold	Graham, AZ	0
San Joaquin Valley, CA	Tulare, CA	cold	Grand, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Harney, OR	0
San Joaquin Valley, CA	Tulare, CA	cold	Humboldt, NV	0
San Joaquin Valley, CA	Tulare, CA	cold	Imperial, CA	0
San Joaquin Valley, CA	Tulare, CA	cold	Inyo, CA	2
San Joaquin Valley, CA	Tulare, CA	cold	Iron, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Juab, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Kane, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Kern, CA	30
San Joaquin Valley, CA	Tulare, CA	cold	Kings, CA	74
San Joaquin Valley, CA	Tulare, CA	cold	La Paz, AZ	0
San Joaquin Valley, CA	Tulare, CA	cold	Lake, OR	0
San Joaquin Valley, CA	Tulare, CA	cold	Lander, NV	0
San Joaquin Valley, CA	Tulare, CA	cold	Lassen, CA	0
San Joaquin Valley, CA	Tulare, CA	cold	Lincoln, NV	0
San Joaquin Valley, CA	Tulare, CA	cold	Los Angeles, CA	0
San Joaquin Valley, CA	Tulare, CA	cold	Lyon, NV	0
San Joaquin Valley, CA	Tulare, CA	cold	Madera, CA	94
San Joaquin Valley, CA	Tulare, CA	cold	Malheur, OR	0
San Joaquin Valley, CA	Tulare, CA	cold	Maricopa, AZ	0
San Joaquin Valley, CA	Tulare, CA	cold	Mariposa, CA	31
San Joaquin Valley, CA	Tulare, CA	cold	Merced, CA	98
San Joaquin Valley, CA	Tulare, CA	cold	Mesa, CO	0
San Joaquin Valley, CA	Tulare, CA	cold	Millard, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Mineral, NV	0
San Joaquin Valley, CA	Tulare, CA	cold	Modoc, CA	0
San Joaquin Valley, CA	Tulare, CA	cold	Mohave, AZ	0
San Joaquin Valley, CA	Tulare, CA	cold	Mono, CA	0
San Joaquin Valley, CA	Tulare, CA	cold	Monterey, CA	1
San Joaquin Valley, CA	Tulare, CA	cold	Montezuma, CO	0
San Joaquin Valley, CA	Tulare, CA	cold	Montrose, CO	0
San Joaquin Valley, CA	Tulare, CA	cold	Navajo, AZ	0
San Joaquin Valley, CA	Tulare, CA	cold	Nevada, CA	2
San Joaquin Valley, CA	Tulare, CA	cold	Nye, NV	0
San Joaquin Valley, CA	Tulare, CA	cold	Orange, CA	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	Tulare, CA	cold	Owyhee, ID	0
San Joaquin Valley, CA	Tulare, CA	cold	Pershing, NV	0
San Joaquin Valley, CA	Tulare, CA	cold	Pima, AZ	0
San Joaquin Valley, CA	Tulare, CA	cold	Pinal, AZ	0
San Joaquin Valley, CA	Tulare, CA	cold	Piute, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Placer, CA	6
San Joaquin Valley, CA	Tulare, CA	cold	Riverside, CA	0
San Joaquin Valley, CA	Tulare, CA	cold	Sacramento, CA	49
San Joaquin Valley, CA	Tulare, CA	cold	Salt Lake, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	San Benito, CA	1
San Joaquin Valley, CA	Tulare, CA	cold	San Bernardino, CA	1
San Joaquin Valley, CA	Tulare, CA	cold	San Diego, CA	0
San Joaquin Valley, CA	Tulare, CA	cold	San Francisco, CA	4
San Joaquin Valley, CA	Tulare, CA	cold	San Joaquin, CA	100
San Joaquin Valley, CA	Tulare, CA	cold	San Juan, NM	0
San Joaquin Valley, CA	Tulare, CA	cold	San Juan, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	San Luis Obispo, CA	1
San Joaquin Valley, CA	Tulare, CA	cold	San Mateo, CA	1
San Joaquin Valley, CA	Tulare, CA	cold	San Miguel, CO	0
San Joaquin Valley, CA	Tulare, CA	cold	Sanpete, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Santa Barbara, CA	0
San Joaquin Valley, CA	Tulare, CA	cold	Santa Clara, CA	2
San Joaquin Valley, CA	Tulare, CA	cold	Santa Cruz, AZ	0
San Joaquin Valley, CA	Tulare, CA	cold	Santa Cruz, CA	1
San Joaquin Valley, CA	Tulare, CA	cold	Sevier, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Sierra, CA	0
San Joaquin Valley, CA	Tulare, CA	cold	Stanislaus, CA	79
San Joaquin Valley, CA	Tulare, CA	cold	Storey, NV	0
San Joaquin Valley, CA	Tulare, CA	cold	Sutter, CA	24
San Joaquin Valley, CA	Tulare, CA	cold	Tooele, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Tulare, CA	54
San Joaquin Valley, CA	Tulare, CA	cold	Tuolumne, CA	8
San Joaquin Valley, CA	Tulare, CA	cold	Twin Falls, ID	0
San Joaquin Valley, CA	Tulare, CA	cold	Utah, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Ventura, CA	0
San Joaquin Valley, CA	Tulare, CA	cold	Washington, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Washoe, NV	0
San Joaquin Valley, CA	Tulare, CA	cold	Wayne, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	Weber, UT	0
San Joaquin Valley, CA	Tulare, CA	cold	White Pine, NV	0
San Joaquin Valley, CA	Tulare, CA	cold	Yavapai, AZ	0
San Joaquin Valley, CA	Tulare, CA	cold	Yuba, CA	9
San Joaquin Valley, CA	Tulare, CA	cold	Yuma, AZ	0
San Joaquin Valley, CA	Tulare, CA	warm	Alameda, CA	51
San Joaquin Valley, CA	Tulare, CA	warm	Alpine, CA	1
San Joaquin Valley, CA	Tulare, CA	warm	Amador, CA	22
San Joaquin Valley, CA	Tulare, CA	warm	Apache, AZ	0
San Joaquin Valley, CA	Tulare, CA	warm	Beaver, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	Box Elder, UT	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	Tulare, CA	warm	Calaveras, CA	33
San Joaquin Valley, CA	Tulare, CA	warm	Carson, NV	0
San Joaquin Valley, CA	Tulare, CA	warm	Cassia, ID	0
San Joaquin Valley, CA	Tulare, CA	warm	Churchill, NV	0
San Joaquin Valley, CA	Tulare, CA	warm	Clark, NV	1
San Joaquin Valley, CA	Tulare, CA	warm	Cochise, AZ	0
San Joaquin Valley, CA	Tulare, CA	warm	Coconino, AZ	0
San Joaquin Valley, CA	Tulare, CA	warm	Davis, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	Dolores, CO	0
San Joaquin Valley, CA	Tulare, CA	warm	Douglas, NV	0
San Joaquin Valley, CA	Tulare, CA	warm	El Dorado, CA	5
San Joaquin Valley, CA	Tulare, CA	warm	Elko, NV	0
San Joaquin Valley, CA	Tulare, CA	warm	Emery, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	Esmeralda, NV	0
San Joaquin Valley, CA	Tulare, CA	warm	Eureka, NV	0
San Joaquin Valley, CA	Tulare, CA	warm	Fresno, CA	54
San Joaquin Valley, CA	Tulare, CA	warm	Garfield, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	Gila, AZ	0
San Joaquin Valley, CA	Tulare, CA	warm	Graham, AZ	0
San Joaquin Valley, CA	Tulare, CA	warm	Grand, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	Harney, OR	0
San Joaquin Valley, CA	Tulare, CA	warm	Humboldt, NV	0
San Joaquin Valley, CA	Tulare, CA	warm	Imperial, CA	0
San Joaquin Valley, CA	Tulare, CA	warm	Inyo, CA	4
San Joaquin Valley, CA	Tulare, CA	warm	Iron, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	Juab, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	Kane, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	Kern, CA	31
San Joaquin Valley, CA	Tulare, CA	warm	Kings, CA	99
San Joaquin Valley, CA	Tulare, CA	warm	La Paz, AZ	0
San Joaquin Valley, CA	Tulare, CA	warm	Lake, OR	0
San Joaquin Valley, CA	Tulare, CA	warm	Lander, NV	0
San Joaquin Valley, CA	Tulare, CA	warm	Lassen, CA	1
San Joaquin Valley, CA	Tulare, CA	warm	Lincoln, NV	1
San Joaquin Valley, CA	Tulare, CA	warm	Los Angeles, CA	2
San Joaquin Valley, CA	Tulare, CA	warm	Lyon, NV	0
San Joaquin Valley, CA	Tulare, CA	warm	Madera, CA	66
San Joaquin Valley, CA	Tulare, CA	warm	Malheur, OR	0
San Joaquin Valley, CA	Tulare, CA	warm	Maricopa, AZ	0
San Joaquin Valley, CA	Tulare, CA	warm	Mariposa, CA	36
San Joaquin Valley, CA	Tulare, CA	warm	Merced, CA	81
San Joaquin Valley, CA	Tulare, CA	warm	Mesa, CO	0
San Joaquin Valley, CA	Tulare, CA	warm	Millard, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	Mineral, NV	0
San Joaquin Valley, CA	Tulare, CA	warm	Modoc, CA	0
San Joaquin Valley, CA	Tulare, CA	warm	Mohave, AZ	1
San Joaquin Valley, CA	Tulare, CA	warm	Mono, CA	0
San Joaquin Valley, CA	Tulare, CA	warm	Monterey, CA	12
San Joaquin Valley, CA	Tulare, CA	warm	Montezuma, CO	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
San Joaquin Valley, CA	Tulare, CA	warm	Montrose, CO	0
San Joaquin Valley, CA	Tulare, CA	warm	Navajo, AZ	0
San Joaquin Valley, CA	Tulare, CA	warm	Nevada, CA	1
San Joaquin Valley, CA	Tulare, CA	warm	Nye, NV	0
San Joaquin Valley, CA	Tulare, CA	warm	Orange, CA	0
San Joaquin Valley, CA	Tulare, CA	warm	Owyhee, ID	0
San Joaquin Valley, CA	Tulare, CA	warm	Pershing, NV	0
San Joaquin Valley, CA	Tulare, CA	warm	Pima, AZ	0
San Joaquin Valley, CA	Tulare, CA	warm	Pinal, AZ	1
San Joaquin Valley, CA	Tulare, CA	warm	Piute, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	Placer, CA	3
San Joaquin Valley, CA	Tulare, CA	warm	Riverside, CA	0
San Joaquin Valley, CA	Tulare, CA	warm	Sacramento, CA	55
San Joaquin Valley, CA	Tulare, CA	warm	Salt Lake, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	San Benito, CA	18
San Joaquin Valley, CA	Tulare, CA	warm	San Bernardino, CA	3
San Joaquin Valley, CA	Tulare, CA	warm	San Diego, CA	0
San Joaquin Valley, CA	Tulare, CA	warm	San Francisco, CA	58
San Joaquin Valley, CA	Tulare, CA	warm	San Joaquin, CA	100
San Joaquin Valley, CA	Tulare, CA	warm	San Juan, NM	0
San Joaquin Valley, CA	Tulare, CA	warm	San Juan, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	San Luis Obispo, CA	14
San Joaquin Valley, CA	Tulare, CA	warm	San Mateo, CA	41
San Joaquin Valley, CA	Tulare, CA	warm	San Miguel, CO	0
San Joaquin Valley, CA	Tulare, CA	warm	Sanpete, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	Santa Barbara, CA	2
San Joaquin Valley, CA	Tulare, CA	warm	Santa Clara, CA	28
San Joaquin Valley, CA	Tulare, CA	warm	Santa Cruz, AZ	0
San Joaquin Valley, CA	Tulare, CA	warm	Santa Cruz, CA	30
San Joaquin Valley, CA	Tulare, CA	warm	Sevier, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	Sierra, CA	0
San Joaquin Valley, CA	Tulare, CA	warm	Stanislaus, CA	82
San Joaquin Valley, CA	Tulare, CA	warm	Storey, NV	0
San Joaquin Valley, CA	Tulare, CA	warm	Sutter, CA	11
San Joaquin Valley, CA	Tulare, CA	warm	Tooele, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	Tulare, CA	49
San Joaquin Valley, CA	Tulare, CA	warm	Tuolumne, CA	14
San Joaquin Valley, CA	Tulare, CA	warm	Twin Falls, ID	0
San Joaquin Valley, CA	Tulare, CA	warm	Utah, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	Ventura, CA	2
San Joaquin Valley, CA	Tulare, CA	warm	Washington, UT	1
San Joaquin Valley, CA	Tulare, CA	warm	Washoe, NV	0
San Joaquin Valley, CA	Tulare, CA	warm	Wayne, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	Weber, UT	0
San Joaquin Valley, CA	Tulare, CA	warm	White Pine, NV	0
San Joaquin Valley, CA	Tulare, CA	warm	Yavapai, AZ	0
San Joaquin Valley, CA	Tulare, CA	warm	Yuba, CA	3
San Joaquin Valley, CA	Tulare, CA	warm	Yuma, AZ	0
State College, PA	Centre, PA	cold	Adams, PA	38

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
State College, PA	Centre, PA	cold	Allegany, MD	14
State College, PA	Centre, PA	cold	Allegany, NY	6
State College, PA	Centre, PA	cold	Allegheny, PA	21
State College, PA	Centre, PA	cold	Anne Arundel, MD	18
State College, PA	Centre, PA	cold	Arlington, VA	16
State College, PA	Centre, PA	cold	Armstrong, PA	24
State College, PA	Centre, PA	cold	Ashtabula, OH	11
State College, PA	Centre, PA	cold	Baltimore, MD	26
State College, PA	Centre, PA	cold	Beaver, PA	12
State College, PA	Centre, PA	cold	Bedford, PA	26
State College, PA	Centre, PA	cold	Berkeley, WV	17
State College, PA	Centre, PA	cold	Berks, PA	22
State College, PA	Centre, PA	cold	Blair, PA	60
State College, PA	Centre, PA	cold	Bradford, PA	5
State College, PA	Centre, PA	cold	Brooke, WV	12
State College, PA	Centre, PA	cold	Broome, NY	1
State College, PA	Centre, PA	cold	Bucks, PA	5
State College, PA	Centre, PA	cold	Butler, PA	16
State College, PA	Centre, PA	cold	Cambria, PA	44
State College, PA	Centre, PA	cold	Cameron, PA	21
State College, PA	Centre, PA	cold	Carbon, PA	9
State College, PA	Centre, PA	cold	Carroll, MD	27
State College, PA	Centre, PA	cold	Cattaraugus, NY	5
State College, PA	Centre, PA	cold	Cecil, MD	22
State College, PA	Centre, PA	cold	Centre, PA	82
State College, PA	Centre, PA	cold	Chautauqua, NY	5
State College, PA	Centre, PA	cold	Chemung, NY	4
State College, PA	Centre, PA	cold	Chester, PA	19
State College, PA	Centre, PA	cold	Clarion, PA	18
State College, PA	Centre, PA	cold	Clarke, VA	12
State College, PA	Centre, PA	cold	Clearfield, PA	47
State College, PA	Centre, PA	cold	Clinton, PA	42
State College, PA	Centre, PA	cold	Columbia, PA	20
State College, PA	Centre, PA	cold	Cortland, NY	0
State College, PA	Centre, PA	cold	Crawford, PA	12
State College, PA	Centre, PA	cold	Cumberland, PA	59
State College, PA	Centre, PA	cold	Dauphin, PA	59
State College, PA	Centre, PA	cold	District of Columbia, DC	17
State College, PA	Centre, PA	cold	Elk, PA	18
State College, PA	Centre, PA	cold	Erie, NY	4
State College, PA	Centre, PA	cold	Erie, PA	9
State College, PA	Centre, PA	cold	Fairfax, VA	14
State College, PA	Centre, PA	cold	Fauquier, VA	7
State College, PA	Centre, PA	cold	Fayette, PA	25
State College, PA	Centre, PA	cold	Forest, PA	14
State College, PA	Centre, PA	cold	Franklin, PA	37
State College, PA	Centre, PA	cold	Frederick, MD	24
State College, PA	Centre, PA	cold	Frederick, VA	11
State College, PA	Centre, PA	cold	Fulton, PA	29

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
State College, PA	Centre, PA	cold	Garrett, MD	14
State College, PA	Centre, PA	cold	Genesee, NY	4
State College, PA	Centre, PA	cold	Grant, WV	6
State College, PA	Centre, PA	cold	Greene, PA	22
State College, PA	Centre, PA	cold	Hampshire, WV	10
State College, PA	Centre, PA	cold	Hancock, WV	11
State College, PA	Centre, PA	cold	Hardy, WV	5
State College, PA	Centre, PA	cold	Harford, MD	27
State College, PA	Centre, PA	cold	Howard, MD	21
State College, PA	Centre, PA	cold	Huntingdon, PA	76
State College, PA	Centre, PA	cold	Indiana, PA	35
State College, PA	Centre, PA	cold	Jefferson, PA	24
State College, PA	Centre, PA	cold	Jefferson, WV	17
State College, PA	Centre, PA	cold	Juniata, PA	90
State College, PA	Centre, PA	cold	Lackawanna, PA	4
State College, PA	Centre, PA	cold	Lancaster, PA	35
State College, PA	Centre, PA	cold	Lawrence, PA	12
State College, PA	Centre, PA	cold	Lebanon, PA	44
State College, PA	Centre, PA	cold	Lehigh, PA	11
State College, PA	Centre, PA	cold	Livingston, NY	6
State College, PA	Centre, PA	cold	Loudoun, VA	15
State College, PA	Centre, PA	cold	Luzerne, PA	10
State College, PA	Centre, PA	cold	Lycoming, PA	24
State College, PA	Centre, PA	cold	Marshall, WV	14
State College, PA	Centre, PA	cold	McKean, PA	7
State College, PA	Centre, PA	cold	Mercer, PA	13
State College, PA	Centre, PA	cold	Mifflin, PA	100
State College, PA	Centre, PA	cold	Mineral, WV	10
State College, PA	Centre, PA	cold	Monongalia, WV	22
State College, PA	Centre, PA	cold	Monroe, NY	3
State College, PA	Centre, PA	cold	Monroe, PA	4
State College, PA	Centre, PA	cold	Montgomery, MD	19
State College, PA	Centre, PA	cold	Montgomery, PA	10
State College, PA	Centre, PA	cold	Montour, PA	29
State College, PA	Centre, PA	cold	Morgan, WV	17
State College, PA	Centre, PA	cold	Northampton, PA	6
State College, PA	Centre, PA	cold	Northumberland, PA	42
State College, PA	Centre, PA	cold	Ohio, WV	13
State College, PA	Centre, PA	cold	Ontario, NY	4
State College, PA	Centre, PA	cold	Perry, PA	78
State College, PA	Centre, PA	cold	Potter, PA	10
State College, PA	Centre, PA	cold	Preston, WV	17
State College, PA	Centre, PA	cold	Prince George's, MD	15
State College, PA	Centre, PA	cold	Prince William, VA	9
State College, PA	Centre, PA	cold	Schuyler, NY	3
State College, PA	Centre, PA	cold	Schuylkill, PA	26
State College, PA	Centre, PA	cold	Seneca, NY	2
State College, PA	Centre, PA	cold	Snyder, PA	68
State College, PA	Centre, PA	cold	Somerset, PA	23

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
State College, PA	Centre, PA	cold	Steuben, NY	6
State College, PA	Centre, PA	cold	Sullivan, PA	11
State College, PA	Centre, PA	cold	Susquehanna, PA	2
State College, PA	Centre, PA	cold	Tioga, NY	2
State College, PA	Centre, PA	cold	Tioga, PA	9
State College, PA	Centre, PA	cold	Tompkins, NY	1
State College, PA	Centre, PA	cold	Trumbull, OH	10
State College, PA	Centre, PA	cold	Union, PA	52
State College, PA	Centre, PA	cold	Venango, PA	14
State College, PA	Centre, PA	cold	Warren, PA	9
State College, PA	Centre, PA	cold	Washington, MD	23
State College, PA	Centre, PA	cold	Washington, PA	19
State College, PA	Centre, PA	cold	Wayne, NY	2
State College, PA	Centre, PA	cold	Wayne, PA	1
State College, PA	Centre, PA	cold	Westmoreland, PA	30
State College, PA	Centre, PA	cold	Wyoming, NY	6
State College, PA	Centre, PA	cold	Wyoming, PA	6
State College, PA	Centre, PA	cold	Yates, NY	3
State College, PA	Centre, PA	cold	York, PA	42
State College, PA	Centre, PA	warm	Adams, PA	38
State College, PA	Centre, PA	warm	Allegany, MD	41
State College, PA	Centre, PA	warm	Allegany, NY	3
State College, PA	Centre, PA	warm	Allegheny, PA	56
State College, PA	Centre, PA	warm	Anne Arundel, MD	12
State College, PA	Centre, PA	warm	Arlington, VA	20
State College, PA	Centre, PA	warm	Armstrong, PA	53
State College, PA	Centre, PA	warm	Ashtabula, OH	10
State College, PA	Centre, PA	warm	Baltimore, MD	16
State College, PA	Centre, PA	warm	Beaver, PA	37
State College, PA	Centre, PA	warm	Bedford, PA	61
State College, PA	Centre, PA	warm	Berkeley, WV	40
State College, PA	Centre, PA	warm	Berks, PA	14
State College, PA	Centre, PA	warm	Blair, PA	100
State College, PA	Centre, PA	warm	Bradford, PA	6
State College, PA	Centre, PA	warm	Brooke, WV	37
State College, PA	Centre, PA	warm	Broome, NY	3
State College, PA	Centre, PA	warm	Bucks, PA	6
State College, PA	Centre, PA	warm	Butler, PA	37
State College, PA	Centre, PA	warm	Cambria, PA	87
State College, PA	Centre, PA	warm	Cameron, PA	21
State College, PA	Centre, PA	warm	Carbon, PA	7
State College, PA	Centre, PA	warm	Carroll, MD	24
State College, PA	Centre, PA	warm	Cattaraugus, NY	3
State College, PA	Centre, PA	warm	Cecil, MD	11
State College, PA	Centre, PA	warm	Centre, PA	84
State College, PA	Centre, PA	warm	Chautauqua, NY	2
State College, PA	Centre, PA	warm	Chemung, NY	5
State College, PA	Centre, PA	warm	Chester, PA	13
State College, PA	Centre, PA	warm	Clarion, PA	30

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
State College, PA	Centre, PA	warm	Clarke, VA	32
State College, PA	Centre, PA	warm	Clearfield, PA	74
State College, PA	Centre, PA	warm	Clinton, PA	31
State College, PA	Centre, PA	warm	Columbia, PA	9
State College, PA	Centre, PA	warm	Cortland, NY	2
State College, PA	Centre, PA	warm	Crawford, PA	11
State College, PA	Centre, PA	warm	Cumberland, PA	54
State College, PA	Centre, PA	warm	Dauphin, PA	37
State College, PA	Centre, PA	warm	District of Columbia, DC	19
State College, PA	Centre, PA	warm	Elk, PA	23
State College, PA	Centre, PA	warm	Erie, NY	1
State College, PA	Centre, PA	warm	Erie, PA	5
State College, PA	Centre, PA	warm	Fairfax, VA	22
State College, PA	Centre, PA	warm	Fauquier, VA	23
State College, PA	Centre, PA	warm	Fayette, PA	50
State College, PA	Centre, PA	warm	Forest, PA	16
State College, PA	Centre, PA	warm	Franklin, PA	53
State College, PA	Centre, PA	warm	Frederick, MD	32
State College, PA	Centre, PA	warm	Frederick, VA	32
State College, PA	Centre, PA	warm	Fulton, PA	57
State College, PA	Centre, PA	warm	Garrett, MD	34
State College, PA	Centre, PA	warm	Genesee, NY	0
State College, PA	Centre, PA	warm	Grant, WV	22
State College, PA	Centre, PA	warm	Greene, PA	41
State College, PA	Centre, PA	warm	Hampshire, WV	31
State College, PA	Centre, PA	warm	Hancock, WV	35
State College, PA	Centre, PA	warm	Hardy, WV	21
State College, PA	Centre, PA	warm	Harford, MD	13
State College, PA	Centre, PA	warm	Howard, MD	19
State College, PA	Centre, PA	warm	Huntingdon, PA	99
State College, PA	Centre, PA	warm	Indiana, PA	72
State College, PA	Centre, PA	warm	Jefferson, PA	43
State College, PA	Centre, PA	warm	Jefferson, WV	36
State College, PA	Centre, PA	warm	Juniata, PA	79
State College, PA	Centre, PA	warm	Lackawanna, PA	5
State College, PA	Centre, PA	warm	Lancaster, PA	20
State College, PA	Centre, PA	warm	Lawrence, PA	27
State College, PA	Centre, PA	warm	Lebanon, PA	25
State College, PA	Centre, PA	warm	Lehigh, PA	8
State College, PA	Centre, PA	warm	Livingston, NY	1
State College, PA	Centre, PA	warm	Loudoun, VA	30
State College, PA	Centre, PA	warm	Luzerne, PA	7
State College, PA	Centre, PA	warm	Lycoming, PA	11
State College, PA	Centre, PA	warm	Marshall, WV	32
State College, PA	Centre, PA	warm	McKean, PA	6
State College, PA	Centre, PA	warm	Mercer, PA	20
State College, PA	Centre, PA	warm	Mifflin, PA	96
State College, PA	Centre, PA	warm	Mineral, WV	31
State College, PA	Centre, PA	warm	Monongalia, WV	37

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
State College, PA	Centre, PA	warm	Monroe, NY	0
State College, PA	Centre, PA	warm	Monroe, PA	5
State College, PA	Centre, PA	warm	Montgomery, MD	24
State College, PA	Centre, PA	warm	Montgomery, PA	9
State College, PA	Centre, PA	warm	Montour, PA	13
State College, PA	Centre, PA	warm	Morgan, WV	43
State College, PA	Centre, PA	warm	Northampton, PA	6
State College, PA	Centre, PA	warm	Northumberland, PA	22
State College, PA	Centre, PA	warm	Ohio, WV	35
State College, PA	Centre, PA	warm	Ontario, NY	1
State College, PA	Centre, PA	warm	Perry, PA	66
State College, PA	Centre, PA	warm	Potter, PA	6
State College, PA	Centre, PA	warm	Preston, WV	33
State College, PA	Centre, PA	warm	Prince George's, MD	16
State College, PA	Centre, PA	warm	Prince William, VA	21
State College, PA	Centre, PA	warm	Schuyler, NY	3
State College, PA	Centre, PA	warm	Schuylkill, PA	14
State College, PA	Centre, PA	warm	Seneca, NY	1
State College, PA	Centre, PA	warm	Snyder, PA	46
State College, PA	Centre, PA	warm	Somerset, PA	55
State College, PA	Centre, PA	warm	Steuben, NY	3
State College, PA	Centre, PA	warm	Sullivan, PA	6
State College, PA	Centre, PA	warm	Susquehanna, PA	5
State College, PA	Centre, PA	warm	Tioga, NY	4
State College, PA	Centre, PA	warm	Tioga, PA	5
State College, PA	Centre, PA	warm	Tompkins, NY	3
State College, PA	Centre, PA	warm	Trumbull, OH	16
State College, PA	Centre, PA	warm	Union, PA	32
State College, PA	Centre, PA	warm	Venango, PA	19
State College, PA	Centre, PA	warm	Warren, PA	7
State College, PA	Centre, PA	warm	Washington, MD	42
State College, PA	Centre, PA	warm	Washington, PA	48
State College, PA	Centre, PA	warm	Wayne, NY	0
State College, PA	Centre, PA	warm	Wayne, PA	3
State College, PA	Centre, PA	warm	Westmoreland, PA	67
State College, PA	Centre, PA	warm	Wyoming, NY	1
State College, PA	Centre, PA	warm	Wyoming, PA	7
State College, PA	Centre, PA	warm	Yates, NY	2
State College, PA	Centre, PA	warm	York, PA	28
Steubenville, OH	Brooke, WV	warm	Allegany, MD	2
Steubenville, OH	Brooke, WV	warm	Allegheny, PA	22
Steubenville, OH	Brooke, WV	warm	Armstrong, PA	5
Steubenville, OH	Brooke, WV	warm	Ashland, OH	1
Steubenville, OH	Brooke, WV	warm	Ashtabula, OH	3
Steubenville, OH	Brooke, WV	warm	Athens, OH	17
Steubenville, OH	Brooke, WV	warm	Barbour, WV	16
Steubenville, OH	Brooke, WV	warm	Beaver, PA	30
Steubenville, OH	Brooke, WV	warm	Bedford, PA	1
Steubenville, OH	Brooke, WV	warm	Belmont, OH	88

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Steubenville, OH	Brooke, WV	warm	Blair, PA	2
Steubenville, OH	Brooke, WV	warm	Brooke, WV	93
Steubenville, OH	Brooke, WV	warm	Butler, PA	7
Steubenville, OH	Brooke, WV	warm	Calhoun, WV	22
Steubenville, OH	Brooke, WV	warm	Cambria, PA	2
Steubenville, OH	Brooke, WV	warm	Carroll, OH	27
Steubenville, OH	Brooke, WV	warm	Clarion, PA	4
Steubenville, OH	Brooke, WV	warm	Clearfield, PA	3
Steubenville, OH	Brooke, WV	warm	Columbiana, OH	24
Steubenville, OH	Brooke, WV	warm	Coshocton, OH	7
Steubenville, OH	Brooke, WV	warm	Crawford, PA	3
Steubenville, OH	Brooke, WV	warm	Cuyahoga, OH	1
Steubenville, OH	Brooke, WV	warm	Delaware, OH	2
Steubenville, OH	Brooke, WV	warm	Doddridge, WV	46
Steubenville, OH	Brooke, WV	warm	Erie, PA	4
Steubenville, OH	Brooke, WV	warm	Fairfield, OH	5
Steubenville, OH	Brooke, WV	warm	Fayette, PA	17
Steubenville, OH	Brooke, WV	warm	Forest, PA	3
Steubenville, OH	Brooke, WV	warm	Franklin, OH	3
Steubenville, OH	Brooke, WV	warm	Garrett, MD	7
Steubenville, OH	Brooke, WV	warm	Geauga, OH	2
Steubenville, OH	Brooke, WV	warm	Gilmer, WV	22
Steubenville, OH	Brooke, WV	warm	Grant, WV	4
Steubenville, OH	Brooke, WV	warm	Greene, PA	55
Steubenville, OH	Brooke, WV	warm	Guernsey, OH	34
Steubenville, OH	Brooke, WV	warm	Hancock, WV	65
Steubenville, OH	Brooke, WV	warm	Harrison, OH	57
Steubenville, OH	Brooke, WV	warm	Harrison, WV	38
Steubenville, OH	Brooke, WV	warm	Hocking, OH	7
Steubenville, OH	Brooke, WV	warm	Holmes, OH	3
Steubenville, OH	Brooke, WV	warm	Huron, OH	0
Steubenville, OH	Brooke, WV	warm	Indiana, PA	3
Steubenville, OH	Brooke, WV	warm	Jackson, WV	23
Steubenville, OH	Brooke, WV	warm	Jefferson, OH	80
Steubenville, OH	Brooke, WV	warm	Jefferson, PA	4
Steubenville, OH	Brooke, WV	warm	Knox, OH	3
Steubenville, OH	Brooke, WV	warm	Lake, OH	3
Steubenville, OH	Brooke, WV	warm	Lawrence, PA	8
Steubenville, OH	Brooke, WV	warm	Lewis, WV	19
Steubenville, OH	Brooke, WV	warm	Licking, OH	5
Steubenville, OH	Brooke, WV	warm	Lorain, OH	0
Steubenville, OH	Brooke, WV	warm	Mahoning, OH	7
Steubenville, OH	Brooke, WV	warm	Marion, WV	49
Steubenville, OH	Brooke, WV	warm	Marshall, WV	94
Steubenville, OH	Brooke, WV	warm	Medina, OH	1
Steubenville, OH	Brooke, WV	warm	Meigs, OH	18
Steubenville, OH	Brooke, WV	warm	Mercer, PA	3
Steubenville, OH	Brooke, WV	warm	Mineral, WV	3
Steubenville, OH	Brooke, WV	warm	Monongalia, WV	39

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Steubenville, OH	Brooke, WV	warm	Monroe, OH	78
Steubenville, OH	Brooke, WV	warm	Morgan, OH	23
Steubenville, OH	Brooke, WV	warm	Morrow, OH	1
Steubenville, OH	Brooke, WV	warm	Muskingum, OH	14
Steubenville, OH	Brooke, WV	warm	Noble, OH	48
Steubenville, OH	Brooke, WV	warm	Ohio, WV	100
Steubenville, OH	Brooke, WV	warm	Perry, OH	10
Steubenville, OH	Brooke, WV	warm	Pleasants, WV	56
Steubenville, OH	Brooke, WV	warm	Portage, OH	2
Steubenville, OH	Brooke, WV	warm	Preston, WV	15
Steubenville, OH	Brooke, WV	warm	Richland, OH	1
Steubenville, OH	Brooke, WV	warm	Ritchie, WV	41
Steubenville, OH	Brooke, WV	warm	Somerset, PA	3
Steubenville, OH	Brooke, WV	warm	Stark, OH	5
Steubenville, OH	Brooke, WV	warm	Summit, OH	1
Steubenville, OH	Brooke, WV	warm	Taylor, WV	27
Steubenville, OH	Brooke, WV	warm	Trumbull, OH	3
Steubenville, OH	Brooke, WV	warm	Tucker, WV	7
Steubenville, OH	Brooke, WV	warm	Tuscarawas, OH	14
Steubenville, OH	Brooke, WV	warm	Tyler, WV	67
Steubenville, OH	Brooke, WV	warm	Upshur, WV	11
Steubenville, OH	Brooke, WV	warm	Venango, PA	3
Steubenville, OH	Brooke, WV	warm	Vinton, OH	8
Steubenville, OH	Brooke, WV	warm	Warren, PA	4
Steubenville, OH	Brooke, WV	warm	Washington, OH	45
Steubenville, OH	Brooke, WV	warm	Washington, PA	56
Steubenville, OH	Brooke, WV	warm	Wayne, OH	2
Steubenville, OH	Brooke, WV	warm	Westmoreland, PA	8
Steubenville, OH	Brooke, WV	warm	Wetzel, WV	76
Steubenville, OH	Brooke, WV	warm	Wirt, WV	31
Steubenville, OH	Brooke, WV	warm	Wood, WV	37
Steubenville, OH	Hancock, WV	cold	Allegany, MD	9
Steubenville, OH	Hancock, WV	cold	Allegheny, PA	48
Steubenville, OH	Hancock, WV	cold	Armstrong, PA	18
Steubenville, OH	Hancock, WV	cold	Ashland, OH	6
Steubenville, OH	Hancock, WV	cold	Ashtabula, OH	8
Steubenville, OH	Hancock, WV	cold	Athens, OH	17
Steubenville, OH	Hancock, WV	cold	Barbour, WV	19
Steubenville, OH	Hancock, WV	cold	Beaver, PA	57
Steubenville, OH	Hancock, WV	cold	Bedford, PA	6
Steubenville, OH	Hancock, WV	cold	Belmont, OH	75
Steubenville, OH	Hancock, WV	cold	Blair, PA	4
Steubenville, OH	Hancock, WV	cold	Brooke, WV	100
Steubenville, OH	Hancock, WV	cold	Butler, PA	23
Steubenville, OH	Hancock, WV	cold	Calhoun, WV	31
Steubenville, OH	Hancock, WV	cold	Cambria, PA	7
Steubenville, OH	Hancock, WV	cold	Carroll, OH	47
Steubenville, OH	Hancock, WV	cold	Clarion, PA	12
Steubenville, OH	Hancock, WV	cold	Clearfield, PA	4

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Steubenville, OH	Hancock, WV	cold	Columbiana, OH	50
Steubenville, OH	Hancock, WV	cold	Coshocton, OH	16
Steubenville, OH	Hancock, WV	cold	Crawford, PA	7
Steubenville, OH	Hancock, WV	cold	Cuyahoga, OH	7
Steubenville, OH	Hancock, WV	cold	Delaware, OH	7
Steubenville, OH	Hancock, WV	cold	Doddridge, WV	51
Steubenville, OH	Hancock, WV	cold	Erie, PA	4
Steubenville, OH	Hancock, WV	cold	Fairfield, OH	14
Steubenville, OH	Hancock, WV	cold	Fayette, PA	24
Steubenville, OH	Hancock, WV	cold	Forest, PA	7
Steubenville, OH	Hancock, WV	cold	Franklin, OH	9
Steubenville, OH	Hancock, WV	cold	Garrett, MD	9
Steubenville, OH	Hancock, WV	cold	Geauga, OH	11
Steubenville, OH	Hancock, WV	cold	Gilmer, WV	36
Steubenville, OH	Hancock, WV	cold	Grant, WV	5
Steubenville, OH	Hancock, WV	cold	Greene, PA	56
Steubenville, OH	Hancock, WV	cold	Guernsey, OH	36
Steubenville, OH	Hancock, WV	cold	Hancock, WV	86
Steubenville, OH	Hancock, WV	cold	Harrison, OH	65
Steubenville, OH	Hancock, WV	cold	Harrison, WV	41
Steubenville, OH	Hancock, WV	cold	Hocking, OH	15
Steubenville, OH	Hancock, WV	cold	Holmes, OH	11
Steubenville, OH	Hancock, WV	cold	Huron, OH	3
Steubenville, OH	Hancock, WV	cold	Indiana, PA	13
Steubenville, OH	Hancock, WV	cold	Jackson, WV	20
Steubenville, OH	Hancock, WV	cold	Jefferson, OH	90
Steubenville, OH	Hancock, WV	cold	Jefferson, PA	8
Steubenville, OH	Hancock, WV	cold	Knox, OH	9
Steubenville, OH	Hancock, WV	cold	Lake, OH	8
Steubenville, OH	Hancock, WV	cold	Lawrence, PA	28
Steubenville, OH	Hancock, WV	cold	Lewis, WV	34
Steubenville, OH	Hancock, WV	cold	Licking, OH	12
Steubenville, OH	Hancock, WV	cold	Lorain, OH	4
Steubenville, OH	Hancock, WV	cold	Mahoning, OH	29
Steubenville, OH	Hancock, WV	cold	Marion, WV	41
Steubenville, OH	Hancock, WV	cold	Marshall, WV	80
Steubenville, OH	Hancock, WV	cold	Medina, OH	6
Steubenville, OH	Hancock, WV	cold	Meigs, OH	16
Steubenville, OH	Hancock, WV	cold	Mercer, PA	14
Steubenville, OH	Hancock, WV	cold	Mineral, WV	7
Steubenville, OH	Hancock, WV	cold	Monongalia, WV	33
Steubenville, OH	Hancock, WV	cold	Monroe, OH	60
Steubenville, OH	Hancock, WV	cold	Morgan, OH	21
Steubenville, OH	Hancock, WV	cold	Morrow, OH	6
Steubenville, OH	Hancock, WV	cold	Muskingum, OH	19
Steubenville, OH	Hancock, WV	cold	Noble, OH	38
Steubenville, OH	Hancock, WV	cold	Ohio, WV	96
Steubenville, OH	Hancock, WV	cold	Perry, OH	16
Steubenville, OH	Hancock, WV	cold	Pleasants, WV	45

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Steubenville, OH	Hancock, WV	cold	Portage, OH	17
Steubenville, OH	Hancock, WV	cold	Preston, WV	14
Steubenville, OH	Hancock, WV	cold	Richland, OH	5
Steubenville, OH	Hancock, WV	cold	Ritchie, WV	42
Steubenville, OH	Hancock, WV	cold	Somerset, PA	10
Steubenville, OH	Hancock, WV	cold	Stark, OH	20
Steubenville, OH	Hancock, WV	cold	Summit, OH	11
Steubenville, OH	Hancock, WV	cold	Taylor, WV	25
Steubenville, OH	Hancock, WV	cold	Trumbull, OH	18
Steubenville, OH	Hancock, WV	cold	Tucker, WV	8
Steubenville, OH	Hancock, WV	cold	Tuscarawas, OH	27
Steubenville, OH	Hancock, WV	cold	Tyler, WV	58
Steubenville, OH	Hancock, WV	cold	Upshur, WV	21
Steubenville, OH	Hancock, WV	cold	Venango, PA	10
Steubenville, OH	Hancock, WV	cold	Vinton, OH	13
Steubenville, OH	Hancock, WV	cold	Warren, PA	4
Steubenville, OH	Hancock, WV	cold	Washington, OH	32
Steubenville, OH	Hancock, WV	cold	Washington, PA	74
Steubenville, OH	Hancock, WV	cold	Wayne, OH	8
Steubenville, OH	Hancock, WV	cold	Westmoreland, PA	24
Steubenville, OH	Hancock, WV	cold	Wetzel, WV	64
Steubenville, OH	Hancock, WV	cold	Wirt, WV	29
Steubenville, OH	Hancock, WV	cold	Wood, WV	28
Steubenville, OH	Hancock, WV	warm	Allegany, MD	4
Steubenville, OH	Hancock, WV	warm	Allegheny, PA	19
Steubenville, OH	Hancock, WV	warm	Armstrong, PA	3
Steubenville, OH	Hancock, WV	warm	Ashland, OH	4
Steubenville, OH	Hancock, WV	warm	Ashtabula, OH	3
Steubenville, OH	Hancock, WV	warm	Athens, OH	15
Steubenville, OH	Hancock, WV	warm	Barbour, WV	18
Steubenville, OH	Hancock, WV	warm	Beaver, PA	28
Steubenville, OH	Hancock, WV	warm	Bedford, PA	2
Steubenville, OH	Hancock, WV	warm	Belmont, OH	85
Steubenville, OH	Hancock, WV	warm	Blair, PA	1
Steubenville, OH	Hancock, WV	warm	Brooke, WV	96
Steubenville, OH	Hancock, WV	warm	Butler, PA	5
Steubenville, OH	Hancock, WV	warm	Calhoun, WV	23
Steubenville, OH	Hancock, WV	warm	Cambria, PA	1
Steubenville, OH	Hancock, WV	warm	Carroll, OH	25
Steubenville, OH	Hancock, WV	warm	Clarion, PA	3
Steubenville, OH	Hancock, WV	warm	Clearfield, PA	2
Steubenville, OH	Hancock, WV	warm	Columbiana, OH	22
Steubenville, OH	Hancock, WV	warm	Coshocton, OH	7
Steubenville, OH	Hancock, WV	warm	Crawford, PA	2
Steubenville, OH	Hancock, WV	warm	Cuyahoga, OH	3
Steubenville, OH	Hancock, WV	warm	Delaware, OH	1
Steubenville, OH	Hancock, WV	warm	Doddridge, WV	47
Steubenville, OH	Hancock, WV	warm	Erie, PA	3
Steubenville, OH	Hancock, WV	warm	Fairfield, OH	5

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Steubenville, OH	Hancock, WV	warm	Fayette, PA	15
Steubenville, OH	Hancock, WV	warm	Forest, PA	2
Steubenville, OH	Hancock, WV	warm	Franklin, OH	3
Steubenville, OH	Hancock, WV	warm	Garrett, MD	7
Steubenville, OH	Hancock, WV	warm	Geauga, OH	3
Steubenville, OH	Hancock, WV	warm	Gilmer, WV	25
Steubenville, OH	Hancock, WV	warm	Grant, WV	5
Steubenville, OH	Hancock, WV	warm	Greene, PA	54
Steubenville, OH	Hancock, WV	warm	Guernsey, OH	32
Steubenville, OH	Hancock, WV	warm	Hancock, WV	65
Steubenville, OH	Hancock, WV	warm	Harrison, OH	55
Steubenville, OH	Hancock, WV	warm	Harrison, WV	41
Steubenville, OH	Hancock, WV	warm	Hocking, OH	7
Steubenville, OH	Hancock, WV	warm	Holmes, OH	5
Steubenville, OH	Hancock, WV	warm	Huron, OH	3
Steubenville, OH	Hancock, WV	warm	Indiana, PA	2
Steubenville, OH	Hancock, WV	warm	Jackson, WV	17
Steubenville, OH	Hancock, WV	warm	Jefferson, OH	81
Steubenville, OH	Hancock, WV	warm	Jefferson, PA	3
Steubenville, OH	Hancock, WV	warm	Knox, OH	2
Steubenville, OH	Hancock, WV	warm	Lake, OH	3
Steubenville, OH	Hancock, WV	warm	Lawrence, PA	7
Steubenville, OH	Hancock, WV	warm	Lewis, WV	23
Steubenville, OH	Hancock, WV	warm	Licking, OH	4
Steubenville, OH	Hancock, WV	warm	Lorain, OH	3
Steubenville, OH	Hancock, WV	warm	Mahoning, OH	7
Steubenville, OH	Hancock, WV	warm	Marion, WV	52
Steubenville, OH	Hancock, WV	warm	Marshall, WV	91
Steubenville, OH	Hancock, WV	warm	Medina, OH	4
Steubenville, OH	Hancock, WV	warm	Meigs, OH	14
Steubenville, OH	Hancock, WV	warm	Mercer, PA	2
Steubenville, OH	Hancock, WV	warm	Mineral, WV	5
Steubenville, OH	Hancock, WV	warm	Monongalia, WV	40
Steubenville, OH	Hancock, WV	warm	Monroe, OH	74
Steubenville, OH	Hancock, WV	warm	Morgan, OH	21
Steubenville, OH	Hancock, WV	warm	Morrow, OH	1
Steubenville, OH	Hancock, WV	warm	Muskingum, OH	12
Steubenville, OH	Hancock, WV	warm	Noble, OH	46
Steubenville, OH	Hancock, WV	warm	Ohio, WV	100
Steubenville, OH	Hancock, WV	warm	Perry, OH	8
Steubenville, OH	Hancock, WV	warm	Pleasants, WV	55
Steubenville, OH	Hancock, WV	warm	Portage, OH	4
Steubenville, OH	Hancock, WV	warm	Preston, WV	16
Steubenville, OH	Hancock, WV	warm	Richland, OH	3
Steubenville, OH	Hancock, WV	warm	Ritchie, WV	41
Steubenville, OH	Hancock, WV	warm	Somerset, PA	3
Steubenville, OH	Hancock, WV	warm	Stark, OH	6
Steubenville, OH	Hancock, WV	warm	Summit, OH	4
Steubenville, OH	Hancock, WV	warm	Taylor, WV	30

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Steubenville, OH	Hancock, WV	warm	Trumbull, OH	3
Steubenville, OH	Hancock, WV	warm	Tucker, WV	8
Steubenville, OH	Hancock, WV	warm	Tuscarawas, OH	13
Steubenville, OH	Hancock, WV	warm	Tyler, WV	65
Steubenville, OH	Hancock, WV	warm	Upshur, WV	14
Steubenville, OH	Hancock, WV	warm	Venango, PA	2
Steubenville, OH	Hancock, WV	warm	Vinton, OH	7
Steubenville, OH	Hancock, WV	warm	Warren, PA	2
Steubenville, OH	Hancock, WV	warm	Washington, OH	42
Steubenville, OH	Hancock, WV	warm	Washington, PA	55
Steubenville, OH	Hancock, WV	warm	Wayne, OH	5
Steubenville, OH	Hancock, WV	warm	Westmoreland, PA	6
Steubenville, OH	Hancock, WV	warm	Wetzel, WV	75
Steubenville, OH	Hancock, WV	warm	Wirt, WV	28
Steubenville, OH	Hancock, WV	warm	Wood, WV	33
Steubenville, OH	Jefferson, OH	cold	Allegany, MD	4
Steubenville, OH	Jefferson, OH	cold	Allegheny, PA	43
Steubenville, OH	Jefferson, OH	cold	Armstrong, PA	9
Steubenville, OH	Jefferson, OH	cold	Ashland, OH	3
Steubenville, OH	Jefferson, OH	cold	Ashtabula, OH	5
Steubenville, OH	Jefferson, OH	cold	Athens, OH	6
Steubenville, OH	Jefferson, OH	cold	Barbour, WV	34
Steubenville, OH	Jefferson, OH	cold	Beaver, PA	50
Steubenville, OH	Jefferson, OH	cold	Bedford, PA	2
Steubenville, OH	Jefferson, OH	cold	Belmont, OH	69
Steubenville, OH	Jefferson, OH	cold	Blair, PA	2
Steubenville, OH	Jefferson, OH	cold	Brooke, WV	98
Steubenville, OH	Jefferson, OH	cold	Butler, PA	17
Steubenville, OH	Jefferson, OH	cold	Calhoun, WV	28
Steubenville, OH	Jefferson, OH	cold	Cambria, PA	2
Steubenville, OH	Jefferson, OH	cold	Carroll, OH	29
Steubenville, OH	Jefferson, OH	cold	Clarion, PA	4
Steubenville, OH	Jefferson, OH	cold	Clearfield, PA	1
Steubenville, OH	Jefferson, OH	cold	Columbiana, OH	34
Steubenville, OH	Jefferson, OH	cold	Coshocton, OH	11
Steubenville, OH	Jefferson, OH	cold	Crawford, PA	4
Steubenville, OH	Jefferson, OH	cold	Cuyahoga, OH	5
Steubenville, OH	Jefferson, OH	cold	Delaware, OH	2
Steubenville, OH	Jefferson, OH	cold	Doddridge, WV	68
Steubenville, OH	Jefferson, OH	cold	Erie, PA	3
Steubenville, OH	Jefferson, OH	cold	Fairfield, OH	2
Steubenville, OH	Jefferson, OH	cold	Fayette, PA	30
Steubenville, OH	Jefferson, OH	cold	Forest, PA	3
Steubenville, OH	Jefferson, OH	cold	Franklin, OH	2
Steubenville, OH	Jefferson, OH	cold	Garrett, MD	16
Steubenville, OH	Jefferson, OH	cold	Geauga, OH	5
Steubenville, OH	Jefferson, OH	cold	Gilmer, WV	41
Steubenville, OH	Jefferson, OH	cold	Grant, WV	12
Steubenville, OH	Jefferson, OH	cold	Greene, PA	65

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Steubenville, OH	Jefferson, OH	cold	Guernsey, OH	28
Steubenville, OH	Jefferson, OH	cold	Hancock, WV	76
Steubenville, OH	Jefferson, OH	cold	Harrison, OH	47
Steubenville, OH	Jefferson, OH	cold	Harrison, WV	64
Steubenville, OH	Jefferson, OH	cold	Hocking, OH	3
Steubenville, OH	Jefferson, OH	cold	Holmes, OH	8
Steubenville, OH	Jefferson, OH	cold	Huron, OH	2
Steubenville, OH	Jefferson, OH	cold	Indiana, PA	5
Steubenville, OH	Jefferson, OH	cold	Jackson, WV	14
Steubenville, OH	Jefferson, OH	cold	Jefferson, OH	76
Steubenville, OH	Jefferson, OH	cold	Jefferson, PA	2
Steubenville, OH	Jefferson, OH	cold	Knox, OH	3
Steubenville, OH	Jefferson, OH	cold	Lake, OH	3
Steubenville, OH	Jefferson, OH	cold	Lawrence, PA	21
Steubenville, OH	Jefferson, OH	cold	Lewis, WV	52
Steubenville, OH	Jefferson, OH	cold	Licking, OH	3
Steubenville, OH	Jefferson, OH	cold	Lorain, OH	3
Steubenville, OH	Jefferson, OH	cold	Mahoning, OH	17
Steubenville, OH	Jefferson, OH	cold	Marion, WV	60
Steubenville, OH	Jefferson, OH	cold	Marshall, WV	91
Steubenville, OH	Jefferson, OH	cold	Medina, OH	5
Steubenville, OH	Jefferson, OH	cold	Meigs, OH	8
Steubenville, OH	Jefferson, OH	cold	Mercer, PA	9
Steubenville, OH	Jefferson, OH	cold	Mineral, WV	8
Steubenville, OH	Jefferson, OH	cold	Monongalia, WV	47
Steubenville, OH	Jefferson, OH	cold	Monroe, OH	60
Steubenville, OH	Jefferson, OH	cold	Morgan, OH	11
Steubenville, OH	Jefferson, OH	cold	Morrow, OH	2
Steubenville, OH	Jefferson, OH	cold	Muskingum, OH	11
Steubenville, OH	Jefferson, OH	cold	Noble, OH	29
Steubenville, OH	Jefferson, OH	cold	Ohio, WV	100
Steubenville, OH	Jefferson, OH	cold	Perry, OH	4
Steubenville, OH	Jefferson, OH	cold	Pleasants, WV	45
Steubenville, OH	Jefferson, OH	cold	Portage, OH	9
Steubenville, OH	Jefferson, OH	cold	Preston, WV	27
Steubenville, OH	Jefferson, OH	cold	Richland, OH	2
Steubenville, OH	Jefferson, OH	cold	Ritchie, WV	44
Steubenville, OH	Jefferson, OH	cold	Somerset, PA	8
Steubenville, OH	Jefferson, OH	cold	Stark, OH	14
Steubenville, OH	Jefferson, OH	cold	Summit, OH	8
Steubenville, OH	Jefferson, OH	cold	Taylor, WV	42
Steubenville, OH	Jefferson, OH	cold	Trumbull, OH	10
Steubenville, OH	Jefferson, OH	cold	Tucker, WV	18
Steubenville, OH	Jefferson, OH	cold	Tuscarawas, OH	21
Steubenville, OH	Jefferson, OH	cold	Tyler, WV	70
Steubenville, OH	Jefferson, OH	cold	Upshur, WV	36
Steubenville, OH	Jefferson, OH	cold	Venango, PA	4
Steubenville, OH	Jefferson, OH	cold	Vinton, OH	2
Steubenville, OH	Jefferson, OH	cold	Warren, PA	2

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Steubenville, OH	Jefferson, OH	cold	Washington, OH	25
Steubenville, OH	Jefferson, OH	cold	Washington, PA	75
Steubenville, OH	Jefferson, OH	cold	Wayne, OH	7
Steubenville, OH	Jefferson, OH	cold	Westmoreland, PA	19
Steubenville, OH	Jefferson, OH	cold	Wetzel, WV	82
Steubenville, OH	Jefferson, OH	cold	Wirt, WV	24
Steubenville, OH	Jefferson, OH	cold	Wood, WV	21
Steubenville, OH	Jefferson, OH	warm	Allegany, MD	7
Steubenville, OH	Jefferson, OH	warm	Allegheny, PA	33
Steubenville, OH	Jefferson, OH	warm	Armstrong, PA	8
Steubenville, OH	Jefferson, OH	warm	Ashland, OH	1
Steubenville, OH	Jefferson, OH	warm	Ashtabula, OH	6
Steubenville, OH	Jefferson, OH	warm	Athens, OH	7
Steubenville, OH	Jefferson, OH	warm	Barbour, WV	28
Steubenville, OH	Jefferson, OH	warm	Beaver, PA	38
Steubenville, OH	Jefferson, OH	warm	Bedford, PA	5
Steubenville, OH	Jefferson, OH	warm	Belmont, OH	66
Steubenville, OH	Jefferson, OH	warm	Blair, PA	4
Steubenville, OH	Jefferson, OH	warm	Brooke, WV	95
Steubenville, OH	Jefferson, OH	warm	Butler, PA	10
Steubenville, OH	Jefferson, OH	warm	Calhoun, WV	17
Steubenville, OH	Jefferson, OH	warm	Cambria, PA	4
Steubenville, OH	Jefferson, OH	warm	Carroll, OH	24
Steubenville, OH	Jefferson, OH	warm	Clarion, PA	5
Steubenville, OH	Jefferson, OH	warm	Clearfield, PA	4
Steubenville, OH	Jefferson, OH	warm	Columbiana, OH	28
Steubenville, OH	Jefferson, OH	warm	Coshocton, OH	6
Steubenville, OH	Jefferson, OH	warm	Crawford, PA	4
Steubenville, OH	Jefferson, OH	warm	Cuyahoga, OH	2
Steubenville, OH	Jefferson, OH	warm	Delaware, OH	1
Steubenville, OH	Jefferson, OH	warm	Doddridge, WV	62
Steubenville, OH	Jefferson, OH	warm	Erie, PA	6
Steubenville, OH	Jefferson, OH	warm	Fairfield, OH	3
Steubenville, OH	Jefferson, OH	warm	Fayette, PA	30
Steubenville, OH	Jefferson, OH	warm	Forest, PA	4
Steubenville, OH	Jefferson, OH	warm	Franklin, OH	1
Steubenville, OH	Jefferson, OH	warm	Garrett, MD	13
Steubenville, OH	Jefferson, OH	warm	Geauga, OH	3
Steubenville, OH	Jefferson, OH	warm	Gilmer, WV	26
Steubenville, OH	Jefferson, OH	warm	Grant, WV	8
Steubenville, OH	Jefferson, OH	warm	Greene, PA	77
Steubenville, OH	Jefferson, OH	warm	Guernsey, OH	20
Steubenville, OH	Jefferson, OH	warm	Hancock, WV	70
Steubenville, OH	Jefferson, OH	warm	Harrison, OH	42
Steubenville, OH	Jefferson, OH	warm	Harrison, WV	65
Steubenville, OH	Jefferson, OH	warm	Hocking, OH	4
Steubenville, OH	Jefferson, OH	warm	Holmes, OH	3
Steubenville, OH	Jefferson, OH	warm	Huron, OH	0
Steubenville, OH	Jefferson, OH	warm	Indiana, PA	6

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Steubenville, OH	Jefferson, OH	warm	Jackson, WV	7
Steubenville, OH	Jefferson, OH	warm	Jefferson, OH	75
Steubenville, OH	Jefferson, OH	warm	Jefferson, PA	5
Steubenville, OH	Jefferson, OH	warm	Knox, OH	2
Steubenville, OH	Jefferson, OH	warm	Lake, OH	4
Steubenville, OH	Jefferson, OH	warm	Lawrence, PA	11
Steubenville, OH	Jefferson, OH	warm	Lewis, WV	33
Steubenville, OH	Jefferson, OH	warm	Licking, OH	3
Steubenville, OH	Jefferson, OH	warm	Lorain, OH	1
Steubenville, OH	Jefferson, OH	warm	Mahoning, OH	9
Steubenville, OH	Jefferson, OH	warm	Marion, WV	78
Steubenville, OH	Jefferson, OH	warm	Marshall, WV	95
Steubenville, OH	Jefferson, OH	warm	Medina, OH	1
Steubenville, OH	Jefferson, OH	warm	Meigs, OH	7
Steubenville, OH	Jefferson, OH	warm	Mercer, PA	3
Steubenville, OH	Jefferson, OH	warm	Mineral, WV	9
Steubenville, OH	Jefferson, OH	warm	Monongalia, WV	61
Steubenville, OH	Jefferson, OH	warm	Monroe, OH	57
Steubenville, OH	Jefferson, OH	warm	Morgan, OH	10
Steubenville, OH	Jefferson, OH	warm	Morrow, OH	1
Steubenville, OH	Jefferson, OH	warm	Muskingum, OH	8
Steubenville, OH	Jefferson, OH	warm	Noble, OH	27
Steubenville, OH	Jefferson, OH	warm	Ohio, WV	100
Steubenville, OH	Jefferson, OH	warm	Perry, OH	5
Steubenville, OH	Jefferson, OH	warm	Pleasants, WV	46
Steubenville, OH	Jefferson, OH	warm	Portage, OH	3
Steubenville, OH	Jefferson, OH	warm	Preston, WV	25
Steubenville, OH	Jefferson, OH	warm	Richland, OH	0
Steubenville, OH	Jefferson, OH	warm	Ritchie, WV	39
Steubenville, OH	Jefferson, OH	warm	Somerset, PA	8
Steubenville, OH	Jefferson, OH	warm	Stark, OH	6
Steubenville, OH	Jefferson, OH	warm	Summit, OH	2
Steubenville, OH	Jefferson, OH	warm	Taylor, WV	46
Steubenville, OH	Jefferson, OH	warm	Trumbull, OH	4
Steubenville, OH	Jefferson, OH	warm	Tucker, WV	12
Steubenville, OH	Jefferson, OH	warm	Tuscarawas, OH	11
Steubenville, OH	Jefferson, OH	warm	Tyler, WV	67
Steubenville, OH	Jefferson, OH	warm	Upshur, WV	21
Steubenville, OH	Jefferson, OH	warm	Venango, PA	3
Steubenville, OH	Jefferson, OH	warm	Vinton, OH	3
Steubenville, OH	Jefferson, OH	warm	Warren, PA	4
Steubenville, OH	Jefferson, OH	warm	Washington, OH	26
Steubenville, OH	Jefferson, OH	warm	Washington, PA	69
Steubenville, OH	Jefferson, OH	warm	Wayne, OH	2
Steubenville, OH	Jefferson, OH	warm	Westmoreland, PA	17
Steubenville, OH	Jefferson, OH	warm	Wetzel, WV	91
Steubenville, OH	Jefferson, OH	warm	Wirt, WV	18
Steubenville, OH	Jefferson, OH	warm	Wood, WV	20
Tacoma, WA	Pierce, WA	cold	Adams, ID	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Tacoma, WA	Pierce, WA	cold	Adams, WA	2
Tacoma, WA	Pierce, WA	cold	Asotin, WA	0
Tacoma, WA	Pierce, WA	cold	Baker, OR	0
Tacoma, WA	Pierce, WA	cold	Benewah, ID	0
Tacoma, WA	Pierce, WA	cold	Benton, WA	10
Tacoma, WA	Pierce, WA	cold	Bonner, ID	0
Tacoma, WA	Pierce, WA	cold	Chelan, WA	12
Tacoma, WA	Pierce, WA	cold	Clackamas, OR	4
Tacoma, WA	Pierce, WA	cold	Clallam, WA	17
Tacoma, WA	Pierce, WA	cold	Clark, WA	12
Tacoma, WA	Pierce, WA	cold	Clatsop, OR	9
Tacoma, WA	Pierce, WA	cold	Columbia, OR	13
Tacoma, WA	Pierce, WA	cold	Columbia, WA	0
Tacoma, WA	Pierce, WA	cold	Cowlitz, WA	26
Tacoma, WA	Pierce, WA	cold	Crook, OR	1
Tacoma, WA	Pierce, WA	cold	Deschutes, OR	1
Tacoma, WA	Pierce, WA	cold	Douglas, WA	7
Tacoma, WA	Pierce, WA	cold	Ferry, WA	1
Tacoma, WA	Pierce, WA	cold	Franklin, WA	4
Tacoma, WA	Pierce, WA	cold	Garfield, WA	0
Tacoma, WA	Pierce, WA	cold	Gilliam, OR	8
Tacoma, WA	Pierce, WA	cold	Grant, OR	0
Tacoma, WA	Pierce, WA	cold	Grant, WA	8
Tacoma, WA	Pierce, WA	cold	Grays Harbor, WA	24
Tacoma, WA	Pierce, WA	cold	Harney, OR	0
Tacoma, WA	Pierce, WA	cold	Hood River, OR	10
Tacoma, WA	Pierce, WA	cold	Idaho, ID	0
Tacoma, WA	Pierce, WA	cold	Island, WA	68
Tacoma, WA	Pierce, WA	cold	Jefferson, OR	2
Tacoma, WA	Pierce, WA	cold	Jefferson, WA	32
Tacoma, WA	Pierce, WA	cold	King, WA	86
Tacoma, WA	Pierce, WA	cold	Kitsap, WA	100
Tacoma, WA	Pierce, WA	cold	Kittitas, WA	26
Tacoma, WA	Pierce, WA	cold	Klickitat, WA	18
Tacoma, WA	Pierce, WA	cold	Kootenai, ID	0
Tacoma, WA	Pierce, WA	cold	Latah, ID	0
Tacoma, WA	Pierce, WA	cold	Lewis, WA	51
Tacoma, WA	Pierce, WA	cold	Lincoln, OR	2
Tacoma, WA	Pierce, WA	cold	Lincoln, WA	1
Tacoma, WA	Pierce, WA	cold	Linn, OR	1
Tacoma, WA	Pierce, WA	cold	Malheur, OR	0
Tacoma, WA	Pierce, WA	cold	Marion, OR	2
Tacoma, WA	Pierce, WA	cold	Mason, WA	65
Tacoma, WA	Pierce, WA	cold	Morrow, OR	5
Tacoma, WA	Pierce, WA	cold	Multnomah, OR	8
Tacoma, WA	Pierce, WA	cold	Nez Perce, ID	0
Tacoma, WA	Pierce, WA	cold	Okanogan, WA	3
Tacoma, WA	Pierce, WA	cold	Pacific, WA	18
Tacoma, WA	Pierce, WA	cold	Pend Oreille, WA	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Tacoma, WA	Pierce, WA	cold	Pierce, WA	97
Tacoma, WA	Pierce, WA	cold	Polk, OR	2
Tacoma, WA	Pierce, WA	cold	Sherman, OR	11
Tacoma, WA	Pierce, WA	cold	Skagit, WA	32
Tacoma, WA	Pierce, WA	cold	Skamania, WA	21
Tacoma, WA	Pierce, WA	cold	Snohomish, WA	51
Tacoma, WA	Pierce, WA	cold	Spokane, WA	0
Tacoma, WA	Pierce, WA	cold	Stevens, WA	0
Tacoma, WA	Pierce, WA	cold	Thurston, WA	83
Tacoma, WA	Pierce, WA	cold	Tillamook, OR	5
Tacoma, WA	Pierce, WA	cold	Umatilla, OR	2
Tacoma, WA	Pierce, WA	cold	Union, OR	0
Tacoma, WA	Pierce, WA	cold	Wahkiakum, WA	17
Tacoma, WA	Pierce, WA	cold	Walla Walla, WA	1
Tacoma, WA	Pierce, WA	cold	Wallowa, OR	0
Tacoma, WA	Pierce, WA	cold	Wasco, OR	7
Tacoma, WA	Pierce, WA	cold	Washington, OR	7
Tacoma, WA	Pierce, WA	cold	Whatcom, WA	19
Tacoma, WA	Pierce, WA	cold	Wheeler, OR	2
Tacoma, WA	Pierce, WA	cold	Whitman, WA	0
Tacoma, WA	Pierce, WA	cold	Yakima, WA	26
Tacoma, WA	Pierce, WA	cold	Yamhill, OR	4
Vincennes, IN	Knox, IN	cold	Bartholomew, IN	23
Vincennes, IN	Knox, IN	cold	Benton, IN	8
Vincennes, IN	Knox, IN	cold	Bond, IL	10
Vincennes, IN	Knox, IN	cold	Boone, IN	16
Vincennes, IN	Knox, IN	cold	Breckinridge, KY	28
Vincennes, IN	Knox, IN	cold	Brown, IN	30
Vincennes, IN	Knox, IN	cold	Butler, KY	22
Vincennes, IN	Knox, IN	cold	Caldwell, KY	28
Vincennes, IN	Knox, IN	cold	Champaign, IL	14
Vincennes, IN	Knox, IN	cold	Christian, IL	13
Vincennes, IN	Knox, IN	cold	Clark, IL	61
Vincennes, IN	Knox, IN	cold	Clark, IN	25
Vincennes, IN	Knox, IN	cold	Clay, IL	33
Vincennes, IN	Knox, IN	cold	Clay, IN	58
Vincennes, IN	Knox, IN	cold	Clinton, IL	8
Vincennes, IN	Knox, IN	cold	Clinton, IN	11
Vincennes, IN	Knox, IN	cold	Coles, IL	33
Vincennes, IN	Knox, IN	cold	Crawford, IL	86
Vincennes, IN	Knox, IN	cold	Crawford, IN	39
Vincennes, IN	Knox, IN	cold	Crittenden, KY	27
Vincennes, IN	Knox, IN	cold	Cumberland, IL	43
Vincennes, IN	Knox, IN	cold	Daviess, IN	87
Vincennes, IN	Knox, IN	cold	Daviess, KY	39
Vincennes, IN	Knox, IN	cold	Decatur, IN	18
Vincennes, IN	Knox, IN	cold	Douglas, IL	24
Vincennes, IN	Knox, IN	cold	Dubois, IN	62
Vincennes, IN	Knox, IN	cold	Edgar, IL	37

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Vincennes, IN	Knox, IN	cold	Edwards, IL	58
Vincennes, IN	Knox, IN	cold	Effingham, IL	29
Vincennes, IN	Knox, IN	cold	Fayette, IL	15
Vincennes, IN	Knox, IN	cold	Floyd, IN	26
Vincennes, IN	Knox, IN	cold	Ford, IL	7
Vincennes, IN	Knox, IN	cold	Fountain, IN	17
Vincennes, IN	Knox, IN	cold	Franklin, IL	12
Vincennes, IN	Knox, IN	cold	Gallatin, IL	27
Vincennes, IN	Knox, IN	cold	Gibson, IN	77
Vincennes, IN	Knox, IN	cold	Grayson, KY	21
Vincennes, IN	Knox, IN	cold	Greene, IN	70
Vincennes, IN	Knox, IN	cold	Hamilton, IL	21
Vincennes, IN	Knox, IN	cold	Hamilton, IN	13
Vincennes, IN	Knox, IN	cold	Hancock, IN	14
Vincennes, IN	Knox, IN	cold	Hancock, KY	36
Vincennes, IN	Knox, IN	cold	Hardin, IL	25
Vincennes, IN	Knox, IN	cold	Hardin, KY	20
Vincennes, IN	Knox, IN	cold	Harrison, IN	28
Vincennes, IN	Knox, IN	cold	Henderson, KY	42
Vincennes, IN	Knox, IN	cold	Hendricks, IN	23
Vincennes, IN	Knox, IN	cold	Hopkins, KY	30
Vincennes, IN	Knox, IN	cold	Iroquois, IL	7
Vincennes, IN	Knox, IN	cold	Jackson, IL	8
Vincennes, IN	Knox, IN	cold	Jackson, IN	29
Vincennes, IN	Knox, IN	cold	Jasper, IL	57
Vincennes, IN	Knox, IN	cold	Jefferson, IL	13
Vincennes, IN	Knox, IN	cold	Jefferson, IN	23
Vincennes, IN	Knox, IN	cold	Jefferson, KY	23
Vincennes, IN	Knox, IN	cold	Jennings, IN	23
Vincennes, IN	Knox, IN	cold	Johnson, IL	15
Vincennes, IN	Knox, IN	cold	Johnson, IN	22
Vincennes, IN	Knox, IN	cold	Knox, IN	100
Vincennes, IN	Knox, IN	cold	Lawrence, IL	94
Vincennes, IN	Knox, IN	cold	Lawrence, IN	46
Vincennes, IN	Knox, IN	cold	Livingston, KY	25
Vincennes, IN	Knox, IN	cold	Lyon, KY	28
Vincennes, IN	Knox, IN	cold	Macon, IL	14
Vincennes, IN	Knox, IN	cold	Marion, IL	15
Vincennes, IN	Knox, IN	cold	Marion, IN	18
Vincennes, IN	Knox, IN	cold	Martin, IN	66
Vincennes, IN	Knox, IN	cold	McLean, IL	7
Vincennes, IN	Knox, IN	cold	McLean, KY	34
Vincennes, IN	Knox, IN	cold	Meade, KY	27
Vincennes, IN	Knox, IN	cold	Monroe, IN	40
Vincennes, IN	Knox, IN	cold	Montgomery, IL	11
Vincennes, IN	Knox, IN	cold	Montgomery, IN	19
Vincennes, IN	Knox, IN	cold	Morgan, IN	29
Vincennes, IN	Knox, IN	cold	Moultrie, IL	21
Vincennes, IN	Knox, IN	cold	Muhlenberg, KY	27

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Vincennes, IN	Knox, IN	cold	Ohio, KY	29
Vincennes, IN	Knox, IN	cold	Oldham, KY	23
Vincennes, IN	Knox, IN	cold	Orange, IN	44
Vincennes, IN	Knox, IN	cold	Owen, IN	49
Vincennes, IN	Knox, IN	cold	Parke, IN	32
Vincennes, IN	Knox, IN	cold	Perry, IL	7
Vincennes, IN	Knox, IN	cold	Perry, IN	41
Vincennes, IN	Knox, IN	cold	Piatt, IL	14
Vincennes, IN	Knox, IN	cold	Pike, IN	82
Vincennes, IN	Knox, IN	cold	Pope, IL	20
Vincennes, IN	Knox, IN	cold	Posey, IN	48
Vincennes, IN	Knox, IN	cold	Putnam, IN	32
Vincennes, IN	Knox, IN	cold	Richland, IL	65
Vincennes, IN	Knox, IN	cold	Ripley, IN	19
Vincennes, IN	Knox, IN	cold	Saline, IL	19
Vincennes, IN	Knox, IN	cold	Scott, IN	26
Vincennes, IN	Knox, IN	cold	Shelby, IL	21
Vincennes, IN	Knox, IN	cold	Shelby, IN	17
Vincennes, IN	Knox, IN	cold	Spencer, IN	49
Vincennes, IN	Knox, IN	cold	Sullivan, IN	89
Vincennes, IN	Knox, IN	cold	Tippecanoe, IN	11
Vincennes, IN	Knox, IN	cold	Trimble, KY	23
Vincennes, IN	Knox, IN	cold	Union, KY	31
Vincennes, IN	Knox, IN	cold	Vanderburgh, IN	55
Vincennes, IN	Knox, IN	cold	Vermilion, IL	15
Vincennes, IN	Knox, IN	cold	Vermillion, IN	30
Vincennes, IN	Knox, IN	cold	Vigo, IN	58
Vincennes, IN	Knox, IN	cold	Wabash, IL	77
Vincennes, IN	Knox, IN	cold	Warren, IN	12
Vincennes, IN	Knox, IN	cold	Warrick, IN	61
Vincennes, IN	Knox, IN	cold	Washington, IL	7
Vincennes, IN	Knox, IN	cold	Washington, IN	31
Vincennes, IN	Knox, IN	cold	Wayne, IL	32
Vincennes, IN	Knox, IN	cold	Webster, KY	33
Vincennes, IN	Knox, IN	cold	White, IL	36
Vincennes, IN	Knox, IN	cold	Williamson, IL	12
Vincennes, IN	Knox, IN	warm	Bartholomew, IN	15
Vincennes, IN	Knox, IN	warm	Benton, IN	0
Vincennes, IN	Knox, IN	warm	Bond, IL	2
Vincennes, IN	Knox, IN	warm	Boone, IN	0
Vincennes, IN	Knox, IN	warm	Breckinridge, KY	32
Vincennes, IN	Knox, IN	warm	Brown, IN	17
Vincennes, IN	Knox, IN	warm	Butler, KY	19
Vincennes, IN	Knox, IN	warm	Caldwell, KY	10
Vincennes, IN	Knox, IN	warm	Champaign, IL	1
Vincennes, IN	Knox, IN	warm	Christian, IL	0
Vincennes, IN	Knox, IN	warm	Clark, IL	9
Vincennes, IN	Knox, IN	warm	Clark, IN	18
Vincennes, IN	Knox, IN	warm	Clay, IL	9

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Vincennes, IN	Knox, IN	warm	Clay, IN	12
Vincennes, IN	Knox, IN	warm	Clinton, IL	3
Vincennes, IN	Knox, IN	warm	Clinton, IN	0
Vincennes, IN	Knox, IN	warm	Coles, IL	1
Vincennes, IN	Knox, IN	warm	Crawford, IL	41
Vincennes, IN	Knox, IN	warm	Crawford, IN	46
Vincennes, IN	Knox, IN	warm	Crittenden, KY	12
Vincennes, IN	Knox, IN	warm	Cumberland, IL	4
Vincennes, IN	Knox, IN	warm	Daviess, IN	86
Vincennes, IN	Knox, IN	warm	Daviess, KY	41
Vincennes, IN	Knox, IN	warm	Decatur, IN	10
Vincennes, IN	Knox, IN	warm	Douglas, IL	1
Vincennes, IN	Knox, IN	warm	Dubois, IN	77
Vincennes, IN	Knox, IN	warm	Edgar, IL	2
Vincennes, IN	Knox, IN	warm	Edwards, IL	42
Vincennes, IN	Knox, IN	warm	Effingham, IL	3
Vincennes, IN	Knox, IN	warm	Fayette, IL	2
Vincennes, IN	Knox, IN	warm	Floyd, IN	22
Vincennes, IN	Knox, IN	warm	Ford, IL	1
Vincennes, IN	Knox, IN	warm	Fountain, IN	0
Vincennes, IN	Knox, IN	warm	Franklin, IL	4
Vincennes, IN	Knox, IN	warm	Gallatin, IL	17
Vincennes, IN	Knox, IN	warm	Gibson, IN	85
Vincennes, IN	Knox, IN	warm	Grayson, KY	24
Vincennes, IN	Knox, IN	warm	Greene, IN	38
Vincennes, IN	Knox, IN	warm	Hamilton, IL	9
Vincennes, IN	Knox, IN	warm	Hamilton, IN	1
Vincennes, IN	Knox, IN	warm	Hancock, IN	3
Vincennes, IN	Knox, IN	warm	Hancock, KY	42
Vincennes, IN	Knox, IN	warm	Hardin, IL	12
Vincennes, IN	Knox, IN	warm	Hardin, KY	22
Vincennes, IN	Knox, IN	warm	Harrison, IN	29
Vincennes, IN	Knox, IN	warm	Henderson, KY	42
Vincennes, IN	Knox, IN	warm	Hendricks, IN	2
Vincennes, IN	Knox, IN	warm	Hopkins, KY	18
Vincennes, IN	Knox, IN	warm	Iroquois, IL	1
Vincennes, IN	Knox, IN	warm	Jackson, IL	2
Vincennes, IN	Knox, IN	warm	Jackson, IN	25
Vincennes, IN	Knox, IN	warm	Jasper, IL	15
Vincennes, IN	Knox, IN	warm	Jefferson, IL	4
Vincennes, IN	Knox, IN	warm	Jefferson, IN	15
Vincennes, IN	Knox, IN	warm	Jefferson, KY	17
Vincennes, IN	Knox, IN	warm	Jennings, IN	17
Vincennes, IN	Knox, IN	warm	Johnson, IL	4
Vincennes, IN	Knox, IN	warm	Johnson, IN	7
Vincennes, IN	Knox, IN	warm	Knox, IN	100
Vincennes, IN	Knox, IN	warm	Lawrence, IL	77
Vincennes, IN	Knox, IN	warm	Lawrence, IN	39
Vincennes, IN	Knox, IN	warm	Livingston, KY	7

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Vincennes, IN	Knox, IN	warm	Lyon, KY	6
Vincennes, IN	Knox, IN	warm	Macon, IL	0
Vincennes, IN	Knox, IN	warm	Marion, IL	4
Vincennes, IN	Knox, IN	warm	Marion, IN	2
Vincennes, IN	Knox, IN	warm	Martin, IN	64
Vincennes, IN	Knox, IN	warm	McLean, IL	1
Vincennes, IN	Knox, IN	warm	McLean, KY	31
Vincennes, IN	Knox, IN	warm	Meade, KY	31
Vincennes, IN	Knox, IN	warm	Monroe, IN	20
Vincennes, IN	Knox, IN	warm	Montgomery, IL	1
Vincennes, IN	Knox, IN	warm	Montgomery, IN	0
Vincennes, IN	Knox, IN	warm	Morgan, IN	7
Vincennes, IN	Knox, IN	warm	Moultrie, IL	0
Vincennes, IN	Knox, IN	warm	Muhlenberg, KY	17
Vincennes, IN	Knox, IN	warm	Ohio, KY	28
Vincennes, IN	Knox, IN	warm	Oldham, KY	14
Vincennes, IN	Knox, IN	warm	Orange, IN	48
Vincennes, IN	Knox, IN	warm	Owen, IN	13
Vincennes, IN	Knox, IN	warm	Parke, IN	2
Vincennes, IN	Knox, IN	warm	Perry, IL	2
Vincennes, IN	Knox, IN	warm	Perry, IN	50
Vincennes, IN	Knox, IN	warm	Piatt, IL	0
Vincennes, IN	Knox, IN	warm	Pike, IN	100
Vincennes, IN	Knox, IN	warm	Pope, IL	6
Vincennes, IN	Knox, IN	warm	Posey, IN	43
Vincennes, IN	Knox, IN	warm	Putnam, IN	3
Vincennes, IN	Knox, IN	warm	Richland, IL	36
Vincennes, IN	Knox, IN	warm	Ripley, IN	11
Vincennes, IN	Knox, IN	warm	Saline, IL	8
Vincennes, IN	Knox, IN	warm	Scott, IN	21
Vincennes, IN	Knox, IN	warm	Shelby, IL	1
Vincennes, IN	Knox, IN	warm	Shelby, IN	6
Vincennes, IN	Knox, IN	warm	Spencer, IN	59
Vincennes, IN	Knox, IN	warm	Sullivan, IN	41
Vincennes, IN	Knox, IN	warm	Tippecanoe, IN	0
Vincennes, IN	Knox, IN	warm	Trimble, KY	13
Vincennes, IN	Knox, IN	warm	Union, KY	23
Vincennes, IN	Knox, IN	warm	Vanderburgh, IN	57
Vincennes, IN	Knox, IN	warm	Vermilion, IL	0
Vincennes, IN	Knox, IN	warm	Vermillion, IN	1
Vincennes, IN	Knox, IN	warm	Vigo, IN	8
Vincennes, IN	Knox, IN	warm	Wabash, IL	70
Vincennes, IN	Knox, IN	warm	Warren, IN	0
Vincennes, IN	Knox, IN	warm	Warrick, IN	71
Vincennes, IN	Knox, IN	warm	Washington, IL	3
Vincennes, IN	Knox, IN	warm	Washington, IN	30
Vincennes, IN	Knox, IN	warm	Wayne, IL	14
Vincennes, IN	Knox, IN	warm	Webster, KY	26
Vincennes, IN	Knox, IN	warm	White, IL	24

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Vincennes, IN	Knox, IN	warm	Williamson, IL	4
Washington, DC	District of Columbia, DC	cold	Adams, PA	11
Washington, DC	District of Columbia, DC	cold	Alexandria (City), VA	100
Washington, DC	District of Columbia, DC	cold	Allegany, MD	4
Washington, DC	District of Columbia, DC	cold	Anne Arundel, MD	77
Washington, DC	District of Columbia, DC	cold	Arlington, VA	95
Washington, DC	District of Columbia, DC	cold	Baltimore (City), MD	52
Washington, DC	District of Columbia, DC	cold	Baltimore, MD	38
Washington, DC	District of Columbia, DC	cold	Bedford, PA	5
Washington, DC	District of Columbia, DC	cold	Berkeley, WV	11
Washington, DC	District of Columbia, DC	cold	Berks, PA	8
Washington, DC	District of Columbia, DC	cold	Blair, PA	4
Washington, DC	District of Columbia, DC	cold	Calvert, MD	76
Washington, DC	District of Columbia, DC	cold	Caroline, VA	39
Washington, DC	District of Columbia, DC	cold	Carroll, MD	25
Washington, DC	District of Columbia, DC	cold	Cecil, MD	31
Washington, DC	District of Columbia, DC	cold	Centre, PA	3
Washington, DC	District of Columbia, DC	cold	Charles, MD	82
Washington, DC	District of Columbia, DC	cold	Chester, PA	16
Washington, DC	District of Columbia, DC	cold	Clarke, VA	16
Washington, DC	District of Columbia, DC	cold	Culpeper, VA	26
Washington, DC	District of Columbia, DC	cold	Cumberland, PA	9
Washington, DC	District of Columbia, DC	cold	Dauphin, PA	10
Washington, DC	District of Columbia, DC	cold	District of Columbia, DC	96
Washington, DC	District of Columbia, DC	cold	Essex, VA	37
Washington, DC	District of Columbia, DC	cold	Fairfax (City), VA	85
Washington, DC	District of Columbia, DC	cold	Fairfax, VA	82
Washington, DC	District of Columbia, DC	cold	Fauquier, VA	34
Washington, DC	District of Columbia, DC	cold	Franklin, PA	9
Washington, DC	District of Columbia, DC	cold	Frederick, MD	24
Washington, DC	District of Columbia, DC	cold	Frederick, VA	8
Washington, DC	District of Columbia, DC	cold	Fulton, PA	7
Washington, DC	District of Columbia, DC	cold	Garrett, MD	2
Washington, DC	District of Columbia, DC	cold	Hampshire, WV	4
Washington, DC	District of Columbia, DC	cold	Hanover, VA	27
Washington, DC	District of Columbia, DC	cold	Hardy, WV	2
Washington, DC	District of Columbia, DC	cold	Harford, MD	34
Washington, DC	District of Columbia, DC	cold	Howard, MD	58
Washington, DC	District of Columbia, DC	cold	Huntingdon, PA	5
Washington, DC	District of Columbia, DC	cold	Jefferson, WV	17
Washington, DC	District of Columbia, DC	cold	Juniata, PA	6
Washington, DC	District of Columbia, DC	cold	King and Queen, VA	26
Washington, DC	District of Columbia, DC	cold	King George, VA	60
Washington, DC	District of Columbia, DC	cold	King William, VA	25
Washington, DC	District of Columbia, DC	cold	Lancaster, PA	16
Washington, DC	District of Columbia, DC	cold	Lebanon, PA	10
Washington, DC	District of Columbia, DC	cold	Loudoun, VA	37
Washington, DC	District of Columbia, DC	cold	Louisa, VA	25
Washington, DC	District of Columbia, DC	cold	Madison, VA	12

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Washington, DC	District of Columbia, DC	cold	Middlesex, VA	23
Washington, DC	District of Columbia, DC	cold	Mifflin, PA	5
Washington, DC	District of Columbia, DC	cold	Mineral, WV	2
Washington, DC	District of Columbia, DC	cold	Montgomery, MD	64
Washington, DC	District of Columbia, DC	cold	Morgan, WV	7
Washington, DC	District of Columbia, DC	cold	Northumberland, PA	4
Washington, DC	District of Columbia, DC	cold	Northumberland, VA	30
Washington, DC	District of Columbia, DC	cold	Orange, VA	25
Washington, DC	District of Columbia, DC	cold	Page, VA	6
Washington, DC	District of Columbia, DC	cold	Perry, PA	8
Washington, DC	District of Columbia, DC	cold	Prince George's, MD	96
Washington, DC	District of Columbia, DC	cold	Prince William, VA	66
Washington, DC	District of Columbia, DC	cold	Rappahannock, VA	14
Washington, DC	District of Columbia, DC	cold	Richmond, VA	35
Washington, DC	District of Columbia, DC	cold	Schuylkill, PA	6
Washington, DC	District of Columbia, DC	cold	Shenandoah, VA	4
Washington, DC	District of Columbia, DC	cold	Snyder, PA	5
Washington, DC	District of Columbia, DC	cold	Somerset, PA	3
Washington, DC	District of Columbia, DC	cold	Spotsylvania, VA	39
Washington, DC	District of Columbia, DC	cold	St. Mary's, MD	57
Washington, DC	District of Columbia, DC	cold	Stafford, VA	58
Washington, DC	District of Columbia, DC	cold	Warren, VA	10
Washington, DC	District of Columbia, DC	cold	Washington, MD	12
Washington, DC	District of Columbia, DC	cold	Westmoreland, VA	46
Washington, DC	District of Columbia, DC	cold	York, PA	16
Washington, DC	District of Columbia, DC	warm	Adams, PA	15
Washington, DC	District of Columbia, DC	warm	Alexandria (City), VA	100
Washington, DC	District of Columbia, DC	warm	Allegany, MD	6
Washington, DC	District of Columbia, DC	warm	Anne Arundel, MD	58
Washington, DC	District of Columbia, DC	warm	Arlington, VA	99
Washington, DC	District of Columbia, DC	warm	Baltimore (City), MD	35
Washington, DC	District of Columbia, DC	warm	Baltimore, MD	26
Washington, DC	District of Columbia, DC	warm	Bedford, PA	7
Washington, DC	District of Columbia, DC	warm	Berkeley, WV	14
Washington, DC	District of Columbia, DC	warm	Berks, PA	2
Washington, DC	District of Columbia, DC	warm	Blair, PA	7
Washington, DC	District of Columbia, DC	warm	Calvert, MD	53
Washington, DC	District of Columbia, DC	warm	Caroline, VA	29
Washington, DC	District of Columbia, DC	warm	Carroll, MD	24
Washington, DC	District of Columbia, DC	warm	Cecil, MD	8
Washington, DC	District of Columbia, DC	warm	Centre, PA	7
Washington, DC	District of Columbia, DC	warm	Charles, MD	63
Washington, DC	District of Columbia, DC	warm	Chester, PA	4
Washington, DC	District of Columbia, DC	warm	Clarke, VA	23
Washington, DC	District of Columbia, DC	warm	Culpeper, VA	32
Washington, DC	District of Columbia, DC	warm	Cumberland, PA	13
Washington, DC	District of Columbia, DC	warm	Dauphin, PA	8
Washington, DC	District of Columbia, DC	warm	District of Columbia, DC	96
Washington, DC	District of Columbia, DC	warm	Essex, VA	25

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Washington, DC	District of Columbia, DC	warm	Fairfax (City), VA	93
Washington, DC	District of Columbia, DC	warm	Fairfax, VA	88
Washington, DC	District of Columbia, DC	warm	Fauquier, VA	42
Washington, DC	District of Columbia, DC	warm	Franklin, PA	13
Washington, DC	District of Columbia, DC	warm	Frederick, MD	26
Washington, DC	District of Columbia, DC	warm	Frederick, VA	13
Washington, DC	District of Columbia, DC	warm	Fulton, PA	10
Washington, DC	District of Columbia, DC	warm	Garrett, MD	4
Washington, DC	District of Columbia, DC	warm	Hampshire, WV	7
Washington, DC	District of Columbia, DC	warm	Hanover, VA	20
Washington, DC	District of Columbia, DC	warm	Hardy, WV	7
Washington, DC	District of Columbia, DC	warm	Harford, MD	15
Washington, DC	District of Columbia, DC	warm	Howard, MD	51
Washington, DC	District of Columbia, DC	warm	Huntingdon, PA	10
Washington, DC	District of Columbia, DC	warm	Jefferson, WV	23
Washington, DC	District of Columbia, DC	warm	Juniata, PA	10
Washington, DC	District of Columbia, DC	warm	King and Queen, VA	19
Washington, DC	District of Columbia, DC	warm	King George, VA	43
Washington, DC	District of Columbia, DC	warm	King William, VA	19
Washington, DC	District of Columbia, DC	warm	Lancaster, PA	8
Washington, DC	District of Columbia, DC	warm	Lebanon, PA	6
Washington, DC	District of Columbia, DC	warm	Loudoun, VA	46
Washington, DC	District of Columbia, DC	warm	Louisa, VA	22
Washington, DC	District of Columbia, DC	warm	Madison, VA	21
Washington, DC	District of Columbia, DC	warm	Middlesex, VA	15
Washington, DC	District of Columbia, DC	warm	Mifflin, PA	10
Washington, DC	District of Columbia, DC	warm	Mineral, WV	5
Washington, DC	District of Columbia, DC	warm	Montgomery, MD	67
Washington, DC	District of Columbia, DC	warm	Morgan, WV	9
Washington, DC	District of Columbia, DC	warm	Northumberland, PA	3
Washington, DC	District of Columbia, DC	warm	Northumberland, VA	15
Washington, DC	District of Columbia, DC	warm	Orange, VA	27
Washington, DC	District of Columbia, DC	warm	Page, VA	15
Washington, DC	District of Columbia, DC	warm	Perry, PA	11
Washington, DC	District of Columbia, DC	warm	Prince George's, MD	85
Washington, DC	District of Columbia, DC	warm	Prince William, VA	69
Washington, DC	District of Columbia, DC	warm	Rappahannock, VA	24
Washington, DC	District of Columbia, DC	warm	Richmond, VA	21
Washington, DC	District of Columbia, DC	warm	Schuylkill, PA	2
Washington, DC	District of Columbia, DC	warm	Shenandoah, VA	11
Washington, DC	District of Columbia, DC	warm	Snyder, PA	5
Washington, DC	District of Columbia, DC	warm	Somerset, PA	5
Washington, DC	District of Columbia, DC	warm	Spotsylvania, VA	33
Washington, DC	District of Columbia, DC	warm	St. Mary's, MD	33
Washington, DC	District of Columbia, DC	warm	Stafford, VA	51
Washington, DC	District of Columbia, DC	warm	Warren, VA	19
Washington, DC	District of Columbia, DC	warm	Washington, MD	15
Washington, DC	District of Columbia, DC	warm	Westmoreland, VA	28
Washington, DC	District of Columbia, DC	warm	York, PA	14

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
York, PA	York, PA	cold	Adams, PA	100
York, PA	York, PA	cold	Alexandria (City), VA	21
York, PA	York, PA	cold	Allegany, MD	24
York, PA	York, PA	cold	Allegany, NY	1
York, PA	York, PA	cold	Anne Arundel, MD	27
York, PA	York, PA	cold	Arlington, VA	25
York, PA	York, PA	cold	Atlantic, NJ	3
York, PA	York, PA	cold	Baltimore (City), MD	42
York, PA	York, PA	cold	Baltimore, MD	49
York, PA	York, PA	cold	Bedford, PA	29
York, PA	York, PA	cold	Berkeley, WV	54
York, PA	York, PA	cold	Berks, PA	12
York, PA	York, PA	cold	Blair, PA	20
York, PA	York, PA	cold	Bradford, PA	0
York, PA	York, PA	cold	Bucks, PA	4
York, PA	York, PA	cold	Burlington, NJ	2
York, PA	York, PA	cold	Calvert, MD	13
York, PA	York, PA	cold	Cambria, PA	15
York, PA	York, PA	cold	Camden, NJ	4
York, PA	York, PA	cold	Cameron, PA	2
York, PA	York, PA	cold	Carbon, PA	5
York, PA	York, PA	cold	Caroline, MD	12
York, PA	York, PA	cold	Carroll, MD	75
York, PA	York, PA	cold	Cecil, MD	18
York, PA	York, PA	cold	Centre, PA	10
York, PA	York, PA	cold	Charles, MD	11
York, PA	York, PA	cold	Chemung, NY	0
York, PA	York, PA	cold	Chester, PA	12
York, PA	York, PA	cold	Clarke, VA	35
York, PA	York, PA	cold	Clearfield, PA	7
York, PA	York, PA	cold	Clinton, PA	4
York, PA	York, PA	cold	Columbia, PA	5
York, PA	York, PA	cold	Culpeper, VA	11
York, PA	York, PA	cold	Cumberland, NJ	5
York, PA	York, PA	cold	Cumberland, PA	73
York, PA	York, PA	cold	Dauphin, PA	30
York, PA	York, PA	cold	Delaware, PA	7
York, PA	York, PA	cold	District of Columbia, DC	25
York, PA	York, PA	cold	Fairfax (City), VA	23
York, PA	York, PA	cold	Fairfax, VA	23
York, PA	York, PA	cold	Fauquier, VA	19
York, PA	York, PA	cold	Franklin, PA	85
York, PA	York, PA	cold	Frederick, MD	76
York, PA	York, PA	cold	Frederick, VA	29
York, PA	York, PA	cold	Fulton, PA	55
York, PA	York, PA	cold	Garrett, MD	13
York, PA	York, PA	cold	Gloucester, NJ	5
York, PA	York, PA	cold	Hampshire, WV	20
York, PA	York, PA	cold	Harford, MD	34

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
York, PA	York, PA	cold	Howard, MD	46
York, PA	York, PA	cold	Hunterdon, NJ	3
York, PA	York, PA	cold	Huntingdon, PA	33
York, PA	York, PA	cold	Jefferson, WV	52
York, PA	York, PA	cold	Juniata, PA	29
York, PA	York, PA	cold	Kent, DE	9
York, PA	York, PA	cold	Kent, MD	22
York, PA	York, PA	cold	King George, VA	7
York, PA	York, PA	cold	Lackawanna, PA	2
York, PA	York, PA	cold	Lancaster, PA	27
York, PA	York, PA	cold	Lebanon, PA	23
York, PA	York, PA	cold	Lehigh, PA	6
York, PA	York, PA	cold	Loudoun, VA	40
York, PA	York, PA	cold	Luzerne, PA	4
York, PA	York, PA	cold	Lycoming, PA	3
York, PA	York, PA	cold	McKean, PA	1
York, PA	York, PA	cold	Mercer, NJ	2
York, PA	York, PA	cold	Mifflin, PA	24
York, PA	York, PA	cold	Mineral, WV	14
York, PA	York, PA	cold	Monroe, PA	3
York, PA	York, PA	cold	Montgomery, MD	41
York, PA	York, PA	cold	Montgomery, PA	7
York, PA	York, PA	cold	Montour, PA	6
York, PA	York, PA	cold	Morgan, WV	45
York, PA	York, PA	cold	New Castle, DE	11
York, PA	York, PA	cold	Northampton, PA	4
York, PA	York, PA	cold	Northumberland, PA	10
York, PA	York, PA	cold	Perry, PA	41
York, PA	York, PA	cold	Philadelphia, PA	4
York, PA	York, PA	cold	Pike, PA	2
York, PA	York, PA	cold	Potter, PA	1
York, PA	York, PA	cold	Prince George's, MD	21
York, PA	York, PA	cold	Prince William, VA	17
York, PA	York, PA	cold	Queen Anne's, MD	19
York, PA	York, PA	cold	Rappahannock, VA	14
York, PA	York, PA	cold	Salem, NJ	7
York, PA	York, PA	cold	Schuylkill, PA	9
York, PA	York, PA	cold	Snyder, PA	14
York, PA	York, PA	cold	Somerset, PA	17
York, PA	York, PA	cold	St. Mary's, MD	9
York, PA	York, PA	cold	Stafford, VA	10
York, PA	York, PA	cold	Steuben, NY	0
York, PA	York, PA	cold	Sullivan, PA	2
York, PA	York, PA	cold	Susquehanna, PA	1
York, PA	York, PA	cold	Sussex, DE	4
York, PA	York, PA	cold	Sussex, NJ	2
York, PA	York, PA	cold	Talbot, MD	14
York, PA	York, PA	cold	Tioga, NY	0
York, PA	York, PA	cold	Tioga, PA	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
York, PA	York, PA	cold	Union, PA	9
York, PA	York, PA	cold	Warren, NJ	3
York, PA	York, PA	cold	Warren, VA	19
York, PA	York, PA	cold	Washington, MD	75
York, PA	York, PA	cold	Wayne, PA	1
York, PA	York, PA	cold	Wyoming, PA	2
York, PA	York, PA	cold	York, PA	61
York, PA	York, PA	warm	Adams, PA	89
York, PA	York, PA	warm	Alexandria (City), VA	46
York, PA	York, PA	warm	Allegany, MD	53
York, PA	York, PA	warm	Allegany, NY	2
York, PA	York, PA	warm	Anne Arundel, MD	35
York, PA	York, PA	warm	Arlington, VA	51
York, PA	York, PA	warm	Atlantic, NJ	0
York, PA	York, PA	warm	Baltimore (City), MD	46
York, PA	York, PA	warm	Baltimore, MD	51
York, PA	York, PA	warm	Bedford, PA	56
York, PA	York, PA	warm	Berkeley, WV	88
York, PA	York, PA	warm	Berks, PA	5
York, PA	York, PA	warm	Blair, PA	35
York, PA	York, PA	warm	Bradford, PA	1
York, PA	York, PA	warm	Bucks, PA	0
York, PA	York, PA	warm	Burlington, NJ	0
York, PA	York, PA	warm	Calvert, MD	26
York, PA	York, PA	warm	Cambria, PA	24
York, PA	York, PA	warm	Camden, NJ	1
York, PA	York, PA	warm	Cameron, PA	8
York, PA	York, PA	warm	Carbon, PA	1
York, PA	York, PA	warm	Caroline, MD	8
York, PA	York, PA	warm	Carroll, MD	80
York, PA	York, PA	warm	Cecil, MD	14
York, PA	York, PA	warm	Centre, PA	17
York, PA	York, PA	warm	Charles, MD	33
York, PA	York, PA	warm	Chemung, NY	1
York, PA	York, PA	warm	Chester, PA	8
York, PA	York, PA	warm	Clarke, VA	72
York, PA	York, PA	warm	Clearfield, PA	14
York, PA	York, PA	warm	Clinton, PA	9
York, PA	York, PA	warm	Columbia, PA	3
York, PA	York, PA	warm	Culpeper, VA	36
York, PA	York, PA	warm	Cumberland, NJ	1
York, PA	York, PA	warm	Cumberland, PA	69
York, PA	York, PA	warm	Dauphin, PA	28
York, PA	York, PA	warm	Delaware, PA	3
York, PA	York, PA	warm	District of Columbia, DC	49
York, PA	York, PA	warm	Fairfax (City), VA	54
York, PA	York, PA	warm	Fairfax, VA	53
York, PA	York, PA	warm	Fauquier, VA	50
York, PA	York, PA	warm	Franklin, PA	95

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
York, PA	York, PA	warm	Frederick, MD	96
York, PA	York, PA	warm	Frederick, VA	65
York, PA	York, PA	warm	Fulton, PA	82
York, PA	York, PA	warm	Garrett, MD	28
York, PA	York, PA	warm	Gloucester, NJ	1
York, PA	York, PA	warm	Hampshire, WV	52
York, PA	York, PA	warm	Harford, MD	32
York, PA	York, PA	warm	Howard, MD	62
York, PA	York, PA	warm	Hunterdon, NJ	0
York, PA	York, PA	warm	Huntingdon, PA	48
York, PA	York, PA	warm	Jefferson, WV	87
York, PA	York, PA	warm	Juniata, PA	37
York, PA	York, PA	warm	Kent, DE	5
York, PA	York, PA	warm	Kent, MD	15
York, PA	York, PA	warm	King George, VA	27
York, PA	York, PA	warm	Lackawanna, PA	0
York, PA	York, PA	warm	Lancaster, PA	22
York, PA	York, PA	warm	Lebanon, PA	18
York, PA	York, PA	warm	Lehigh, PA	1
York, PA	York, PA	warm	Loudoun, VA	74
York, PA	York, PA	warm	Luzerne, PA	1
York, PA	York, PA	warm	Lycoming, PA	4
York, PA	York, PA	warm	McKean, PA	4
York, PA	York, PA	warm	Mercer, NJ	0
York, PA	York, PA	warm	Mifflin, PA	33
York, PA	York, PA	warm	Mineral, WV	39
York, PA	York, PA	warm	Monroe, PA	0
York, PA	York, PA	warm	Montgomery, MD	68
York, PA	York, PA	warm	Montgomery, PA	2
York, PA	York, PA	warm	Montour, PA	5
York, PA	York, PA	warm	Morgan, WV	79
York, PA	York, PA	warm	New Castle, DE	6
York, PA	York, PA	warm	Northampton, PA	0
York, PA	York, PA	warm	Northumberland, PA	9
York, PA	York, PA	warm	Perry, PA	46
York, PA	York, PA	warm	Philadelphia, PA	1
York, PA	York, PA	warm	Pike, PA	0
York, PA	York, PA	warm	Potter, PA	4
York, PA	York, PA	warm	Prince George's, MD	39
York, PA	York, PA	warm	Prince William, VA	47
York, PA	York, PA	warm	Queen Anne's, MD	14
York, PA	York, PA	warm	Rappahannock, VA	42
York, PA	York, PA	warm	Salem, NJ	3
York, PA	York, PA	warm	Schuylkill, PA	6
York, PA	York, PA	warm	Snyder, PA	16
York, PA	York, PA	warm	Somerset, PA	31
York, PA	York, PA	warm	St. Mary's, MD	22
York, PA	York, PA	warm	Stafford, VA	34
York, PA	York, PA	warm	Steuben, NY	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
York, PA	York, PA	warm	Sullivan, PA	1
York, PA	York, PA	warm	Susquehanna, PA	0
York, PA	York, PA	warm	Sussex, DE	4
York, PA	York, PA	warm	Sussex, NJ	0
York, PA	York, PA	warm	Talbot, MD	14
York, PA	York, PA	warm	Tioga, NY	0
York, PA	York, PA	warm	Tioga, PA	2
York, PA	York, PA	warm	Union, PA	10
York, PA	York, PA	warm	Warren, NJ	0
York, PA	York, PA	warm	Warren, VA	52
York, PA	York, PA	warm	Washington, MD	100
York, PA	York, PA	warm	Wayne, PA	0
York, PA	York, PA	warm	Wyoming, PA	0
York, PA	York, PA	warm	York, PA	54
Youngstown, OH	Mahoning, OH	cold	Allegany, NY	1
Youngstown, OH	Mahoning, OH	cold	Allegheny, PA	25
Youngstown, OH	Mahoning, OH	cold	Armstrong, PA	16
Youngstown, OH	Mahoning, OH	cold	Ashland, OH	16
Youngstown, OH	Mahoning, OH	cold	Ashtabula, OH	44
Youngstown, OH	Mahoning, OH	cold	Beaver, PA	56
Youngstown, OH	Mahoning, OH	cold	Belmont, OH	29
Youngstown, OH	Mahoning, OH	cold	Brooke, WV	32
Youngstown, OH	Mahoning, OH	cold	Butler, PA	36
Youngstown, OH	Mahoning, OH	cold	Cambria, PA	6
Youngstown, OH	Mahoning, OH	cold	Cameron, PA	2
Youngstown, OH	Mahoning, OH	cold	Carroll, OH	51
Youngstown, OH	Mahoning, OH	cold	Cattaraugus, NY	2
Youngstown, OH	Mahoning, OH	cold	Chautauqua, NY	4
Youngstown, OH	Mahoning, OH	cold	Clarion, PA	15
Youngstown, OH	Mahoning, OH	cold	Clearfield, PA	5
Youngstown, OH	Mahoning, OH	cold	Columbiana, OH	76
Youngstown, OH	Mahoning, OH	cold	Coshocton, OH	23
Youngstown, OH	Mahoning, OH	cold	Crawford, OH	8
Youngstown, OH	Mahoning, OH	cold	Crawford, PA	27
Youngstown, OH	Mahoning, OH	cold	Cuyahoga, OH	27
Youngstown, OH	Mahoning, OH	cold	Delaware, OH	15
Youngstown, OH	Mahoning, OH	cold	Elk, PA	6
Youngstown, OH	Mahoning, OH	cold	Erie, NY	2
Youngstown, OH	Mahoning, OH	cold	Erie, OH	6
Youngstown, OH	Mahoning, OH	cold	Erie, PA	14
Youngstown, OH	Mahoning, OH	cold	Fairfield, OH	11
Youngstown, OH	Mahoning, OH	cold	Fayette, PA	8
Youngstown, OH	Mahoning, OH	cold	Forest, PA	11
Youngstown, OH	Mahoning, OH	cold	Franklin, OH	12
Youngstown, OH	Mahoning, OH	cold	Garrett, MD	5
Youngstown, OH	Mahoning, OH	cold	Geauga, OH	51
Youngstown, OH	Mahoning, OH	cold	Greene, PA	15
Youngstown, OH	Mahoning, OH	cold	Guernsey, OH	25
Youngstown, OH	Mahoning, OH	cold	Hancock, WV	46

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Youngstown, OH	Mahoning, OH	cold	Harrison, OH	37
Youngstown, OH	Mahoning, OH	cold	Holmes, OH	26
Youngstown, OH	Mahoning, OH	cold	Huron, OH	8
Youngstown, OH	Mahoning, OH	cold	Indiana, PA	9
Youngstown, OH	Mahoning, OH	cold	Jefferson, OH	41
Youngstown, OH	Mahoning, OH	cold	Jefferson, PA	10
Youngstown, OH	Mahoning, OH	cold	Knox, OH	18
Youngstown, OH	Mahoning, OH	cold	Lake, OH	35
Youngstown, OH	Mahoning, OH	cold	Lawrence, PA	78
Youngstown, OH	Mahoning, OH	cold	Licking, OH	16
Youngstown, OH	Mahoning, OH	cold	Lorain, OH	12
Youngstown, OH	Mahoning, OH	cold	Mahoning, OH	100
Youngstown, OH	Mahoning, OH	cold	Marion, OH	11
Youngstown, OH	Mahoning, OH	cold	Marshall, WV	24
Youngstown, OH	Mahoning, OH	cold	McKean, PA	3
Youngstown, OH	Mahoning, OH	cold	Medina, OH	22
Youngstown, OH	Mahoning, OH	cold	Mercer, PA	60
Youngstown, OH	Mahoning, OH	cold	Monongalia, WV	11
Youngstown, OH	Mahoning, OH	cold	Monroe, OH	23
Youngstown, OH	Mahoning, OH	cold	Morgan, OH	16
Youngstown, OH	Mahoning, OH	cold	Morrow, OH	14
Youngstown, OH	Mahoning, OH	cold	Muskingum, OH	18
Youngstown, OH	Mahoning, OH	cold	Noble, OH	20
Youngstown, OH	Mahoning, OH	cold	Ohio, WV	27
Youngstown, OH	Mahoning, OH	cold	Perry, OH	14
Youngstown, OH	Mahoning, OH	cold	Portage, OH	71
Youngstown, OH	Mahoning, OH	cold	Potter, PA	1
Youngstown, OH	Mahoning, OH	cold	Preston, WV	6
Youngstown, OH	Mahoning, OH	cold	Richland, OH	13
Youngstown, OH	Mahoning, OH	cold	Sandusky, OH	3
Youngstown, OH	Mahoning, OH	cold	Seneca, OH	4
Youngstown, OH	Mahoning, OH	cold	Somerset, PA	6
Youngstown, OH	Mahoning, OH	cold	Stark, OH	53
Youngstown, OH	Mahoning, OH	cold	Summit, OH	42
Youngstown, OH	Mahoning, OH	cold	Trumbull, OH	88
Youngstown, OH	Mahoning, OH	cold	Tuscarawas, OH	35
Youngstown, OH	Mahoning, OH	cold	Tyler, WV	18
Youngstown, OH	Mahoning, OH	cold	Union, OH	12
Youngstown, OH	Mahoning, OH	cold	Venango, PA	22
Youngstown, OH	Mahoning, OH	cold	Warren, PA	8
Youngstown, OH	Mahoning, OH	cold	Washington, OH	17
Youngstown, OH	Mahoning, OH	cold	Washington, PA	22
Youngstown, OH	Mahoning, OH	cold	Wayne, OH	27
Youngstown, OH	Mahoning, OH	cold	Westmoreland, PA	11
Youngstown, OH	Mahoning, OH	cold	Wetzel, WV	19
Youngstown, OH	Mahoning, OH	cold	Wyoming, NY	1
Youngstown, OH	Mahoning, OH	warm	Allegany, NY	9
Youngstown, OH	Mahoning, OH	warm	Allegheny, PA	67
Youngstown, OH	Mahoning, OH	warm	Armstrong, PA	48

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Youngstown, OH	Mahoning, OH	warm	Ashland, OH	6
Youngstown, OH	Mahoning, OH	warm	Ashtabula, OH	32
Youngstown, OH	Mahoning, OH	warm	Beaver, PA	93
Youngstown, OH	Mahoning, OH	warm	Belmont, OH	59
Youngstown, OH	Mahoning, OH	warm	Brooke, WV	72
Youngstown, OH	Mahoning, OH	warm	Butler, PA	69
Youngstown, OH	Mahoning, OH	warm	Cambria, PA	24
Youngstown, OH	Mahoning, OH	warm	Cameron, PA	13
Youngstown, OH	Mahoning, OH	warm	Carroll, OH	77
Youngstown, OH	Mahoning, OH	warm	Cattaraugus, NY	10
Youngstown, OH	Mahoning, OH	warm	Chautauqua, NY	12
Youngstown, OH	Mahoning, OH	warm	Clarion, PA	37
Youngstown, OH	Mahoning, OH	warm	Clearfield, PA	17
Youngstown, OH	Mahoning, OH	warm	Columbiana, OH	100
Youngstown, OH	Mahoning, OH	warm	Coshocton, OH	25
Youngstown, OH	Mahoning, OH	warm	Crawford, OH	1
Youngstown, OH	Mahoning, OH	warm	Crawford, PA	32
Youngstown, OH	Mahoning, OH	warm	Cuyahoga, OH	12
Youngstown, OH	Mahoning, OH	warm	Delaware, OH	4
Youngstown, OH	Mahoning, OH	warm	Elk, PA	15
Youngstown, OH	Mahoning, OH	warm	Erie, NY	7
Youngstown, OH	Mahoning, OH	warm	Erie, OH	2
Youngstown, OH	Mahoning, OH	warm	Erie, PA	18
Youngstown, OH	Mahoning, OH	warm	Fairfield, OH	10
Youngstown, OH	Mahoning, OH	warm	Fayette, PA	42
Youngstown, OH	Mahoning, OH	warm	Forest, PA	22
Youngstown, OH	Mahoning, OH	warm	Franklin, OH	5
Youngstown, OH	Mahoning, OH	warm	Garrett, MD	23
Youngstown, OH	Mahoning, OH	warm	Geauga, OH	30
Youngstown, OH	Mahoning, OH	warm	Greene, PA	51
Youngstown, OH	Mahoning, OH	warm	Guernsey, OH	46
Youngstown, OH	Mahoning, OH	warm	Hancock, WV	88
Youngstown, OH	Mahoning, OH	warm	Harrison, OH	69
Youngstown, OH	Mahoning, OH	warm	Holmes, OH	20
Youngstown, OH	Mahoning, OH	warm	Huron, OH	2
Youngstown, OH	Mahoning, OH	warm	Indiana, PA	35
Youngstown, OH	Mahoning, OH	warm	Jefferson, OH	80
Youngstown, OH	Mahoning, OH	warm	Jefferson, PA	26
Youngstown, OH	Mahoning, OH	warm	Knox, OH	9
Youngstown, OH	Mahoning, OH	warm	Lake, OH	17
Youngstown, OH	Mahoning, OH	warm	Lawrence, PA	98
Youngstown, OH	Mahoning, OH	warm	Licking, OH	10
Youngstown, OH	Mahoning, OH	warm	Lorain, OH	5
Youngstown, OH	Mahoning, OH	warm	Mahoning, OH	98
Youngstown, OH	Mahoning, OH	warm	Marion, OH	2
Youngstown, OH	Mahoning, OH	warm	Marshall, WV	53
Youngstown, OH	Mahoning, OH	warm	McKean, PA	12
Youngstown, OH	Mahoning, OH	warm	Medina, OH	10
Youngstown, OH	Mahoning, OH	warm	Mercer, PA	71

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Youngstown, OH	Mahoning, OH	warm	Monongalia, WV	41
Youngstown, OH	Mahoning, OH	warm	Monroe, OH	46
Youngstown, OH	Mahoning, OH	warm	Morgan, OH	26
Youngstown, OH	Mahoning, OH	warm	Morrow, OH	3
Youngstown, OH	Mahoning, OH	warm	Muskingum, OH	26
Youngstown, OH	Mahoning, OH	warm	Noble, OH	40
Youngstown, OH	Mahoning, OH	warm	Ohio, WV	63
Youngstown, OH	Mahoning, OH	warm	Perry, OH	16
Youngstown, OH	Mahoning, OH	warm	Portage, OH	52
Youngstown, OH	Mahoning, OH	warm	Potter, PA	11
Youngstown, OH	Mahoning, OH	warm	Preston, WV	27
Youngstown, OH	Mahoning, OH	warm	Richland, OH	4
Youngstown, OH	Mahoning, OH	warm	Sandusky, OH	1
Youngstown, OH	Mahoning, OH	warm	Seneca, OH	1
Youngstown, OH	Mahoning, OH	warm	Somerset, PA	30
Youngstown, OH	Mahoning, OH	warm	Stark, OH	51
Youngstown, OH	Mahoning, OH	warm	Summit, OH	25
Youngstown, OH	Mahoning, OH	warm	Trumbull, OH	74
Youngstown, OH	Mahoning, OH	warm	Tuscarawas, OH	48
Youngstown, OH	Mahoning, OH	warm	Tyler, WV	38
Youngstown, OH	Mahoning, OH	warm	Union, OH	2
Youngstown, OH	Mahoning, OH	warm	Venango, PA	39
Youngstown, OH	Mahoning, OH	warm	Warren, PA	17
Youngstown, OH	Mahoning, OH	warm	Washington, OH	30
Youngstown, OH	Mahoning, OH	warm	Washington, PA	63
Youngstown, OH	Mahoning, OH	warm	Wayne, OH	16
Youngstown, OH	Mahoning, OH	warm	Westmoreland, PA	47
Youngstown, OH	Mahoning, OH	warm	Wetzel, WV	44
Youngstown, OH	Mahoning, OH	warm	Wyoming, NY	7
Youngstown, OH	Trumbull, OH	cold	Allegany, NY	1
Youngstown, OH	Trumbull, OH	cold	Allegheny, PA	28
Youngstown, OH	Trumbull, OH	cold	Armstrong, PA	19
Youngstown, OH	Trumbull, OH	cold	Ashland, OH	18
Youngstown, OH	Trumbull, OH	cold	Ashtabula, OH	47
Youngstown, OH	Trumbull, OH	cold	Beaver, PA	57
Youngstown, OH	Trumbull, OH	cold	Belmont, OH	21
Youngstown, OH	Trumbull, OH	cold	Brooke, WV	28
Youngstown, OH	Trumbull, OH	cold	Butler, PA	39
Youngstown, OH	Trumbull, OH	cold	Cambria, PA	8
Youngstown, OH	Trumbull, OH	cold	Cameron, PA	2
Youngstown, OH	Trumbull, OH	cold	Carroll, OH	49
Youngstown, OH	Trumbull, OH	cold	Cattaraugus, NY	2
Youngstown, OH	Trumbull, OH	cold	Chautauqua, NY	4
Youngstown, OH	Trumbull, OH	cold	Clarion, PA	17
Youngstown, OH	Trumbull, OH	cold	Clearfield, PA	6
Youngstown, OH	Trumbull, OH	cold	Columbiana, OH	75
Youngstown, OH	Trumbull, OH	cold	Coshocton, OH	22
Youngstown, OH	Trumbull, OH	cold	Crawford, OH	10
Youngstown, OH	Trumbull, OH	cold	Crawford, PA	28

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Youngstown, OH	Trumbull, OH	cold	Cuyahoga, OH	32
Youngstown, OH	Trumbull, OH	cold	Delaware, OH	11
Youngstown, OH	Trumbull, OH	cold	Elk, PA	6
Youngstown, OH	Trumbull, OH	cold	Erie, NY	2
Youngstown, OH	Trumbull, OH	cold	Erie, OH	8
Youngstown, OH	Trumbull, OH	cold	Erie, PA	13
Youngstown, OH	Trumbull, OH	cold	Fairfield, OH	13
Youngstown, OH	Trumbull, OH	cold	Fayette, PA	9
Youngstown, OH	Trumbull, OH	cold	Forest, PA	12
Youngstown, OH	Trumbull, OH	cold	Franklin, OH	11
Youngstown, OH	Trumbull, OH	cold	Garrett, MD	6
Youngstown, OH	Trumbull, OH	cold	Geauga, OH	58
Youngstown, OH	Trumbull, OH	cold	Greene, PA	13
Youngstown, OH	Trumbull, OH	cold	Guernsey, OH	22
Youngstown, OH	Trumbull, OH	cold	Hancock, WV	45
Youngstown, OH	Trumbull, OH	cold	Harrison, OH	30
Youngstown, OH	Trumbull, OH	cold	Holmes, OH	25
Youngstown, OH	Trumbull, OH	cold	Huron, OH	11
Youngstown, OH	Trumbull, OH	cold	Indiana, PA	12
Youngstown, OH	Trumbull, OH	cold	Jefferson, OH	36
Youngstown, OH	Trumbull, OH	cold	Jefferson, PA	11
Youngstown, OH	Trumbull, OH	cold	Knox, OH	16
Youngstown, OH	Trumbull, OH	cold	Lake, OH	40
Youngstown, OH	Trumbull, OH	cold	Lawrence, PA	79
Youngstown, OH	Trumbull, OH	cold	Licking, OH	15
Youngstown, OH	Trumbull, OH	cold	Lorain, OH	16
Youngstown, OH	Trumbull, OH	cold	Mahoning, OH	100
Youngstown, OH	Trumbull, OH	cold	Marion, OH	9
Youngstown, OH	Trumbull, OH	cold	Marshall, WV	17
Youngstown, OH	Trumbull, OH	cold	McKean, PA	3
Youngstown, OH	Trumbull, OH	cold	Medina, OH	27
Youngstown, OH	Trumbull, OH	cold	Mercer, PA	62
Youngstown, OH	Trumbull, OH	cold	Monongalia, WV	10
Youngstown, OH	Trumbull, OH	cold	Monroe, OH	18
Youngstown, OH	Trumbull, OH	cold	Morgan, OH	20
Youngstown, OH	Trumbull, OH	cold	Morrow, OH	12
Youngstown, OH	Trumbull, OH	cold	Muskingum, OH	20
Youngstown, OH	Trumbull, OH	cold	Noble, OH	20
Youngstown, OH	Trumbull, OH	cold	Ohio, WV	21
Youngstown, OH	Trumbull, OH	cold	Perry, OH	17
Youngstown, OH	Trumbull, OH	cold	Portage, OH	77
Youngstown, OH	Trumbull, OH	cold	Potter, PA	1
Youngstown, OH	Trumbull, OH	cold	Preston, WV	7
Youngstown, OH	Trumbull, OH	cold	Richland, OH	14
Youngstown, OH	Trumbull, OH	cold	Sandusky, OH	5
Youngstown, OH	Trumbull, OH	cold	Seneca, OH	7
Youngstown, OH	Trumbull, OH	cold	Somerset, PA	7
Youngstown, OH	Trumbull, OH	cold	Stark, OH	54
Youngstown, OH	Trumbull, OH	cold	Summit, OH	47

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Youngstown, OH	Trumbull, OH	cold	Trumbull, OH	91
Youngstown, OH	Trumbull, OH	cold	Tuscarawas, OH	32
Youngstown, OH	Trumbull, OH	cold	Tyler, WV	15
Youngstown, OH	Trumbull, OH	cold	Union, OH	9
Youngstown, OH	Trumbull, OH	cold	Venango, PA	23
Youngstown, OH	Trumbull, OH	cold	Warren, PA	8
Youngstown, OH	Trumbull, OH	cold	Washington, OH	19
Youngstown, OH	Trumbull, OH	cold	Washington, PA	21
Youngstown, OH	Trumbull, OH	cold	Wayne, OH	29
Youngstown, OH	Trumbull, OH	cold	Westmoreland, PA	13
Youngstown, OH	Trumbull, OH	cold	Wetzel, WV	14
Youngstown, OH	Trumbull, OH	cold	Wyoming, NY	1
Youngstown, OH	Trumbull, OH	warm	Allegany, NY	2
Youngstown, OH	Trumbull, OH	warm	Allegheny, PA	72
Youngstown, OH	Trumbull, OH	warm	Armstrong, PA	50
Youngstown, OH	Trumbull, OH	warm	Ashland, OH	15
Youngstown, OH	Trumbull, OH	warm	Ashtabula, OH	26
Youngstown, OH	Trumbull, OH	warm	Beaver, PA	92
Youngstown, OH	Trumbull, OH	warm	Belmont, OH	54
Youngstown, OH	Trumbull, OH	warm	Brooke, WV	70
Youngstown, OH	Trumbull, OH	warm	Butler, PA	68
Youngstown, OH	Trumbull, OH	warm	Cambria, PA	26
Youngstown, OH	Trumbull, OH	warm	Cameron, PA	4
Youngstown, OH	Trumbull, OH	warm	Carroll, OH	75
Youngstown, OH	Trumbull, OH	warm	Cattaraugus, NY	1
Youngstown, OH	Trumbull, OH	warm	Chautauqua, NY	2
Youngstown, OH	Trumbull, OH	warm	Clarion, PA	32
Youngstown, OH	Trumbull, OH	warm	Clearfield, PA	11
Youngstown, OH	Trumbull, OH	warm	Columbiana, OH	98
Youngstown, OH	Trumbull, OH	warm	Coshocton, OH	28
Youngstown, OH	Trumbull, OH	warm	Crawford, OH	7
Youngstown, OH	Trumbull, OH	warm	Crawford, PA	21
Youngstown, OH	Trumbull, OH	warm	Cuyahoga, OH	21
Youngstown, OH	Trumbull, OH	warm	Delaware, OH	5
Youngstown, OH	Trumbull, OH	warm	Elk, PA	6
Youngstown, OH	Trumbull, OH	warm	Erie, NY	1
Youngstown, OH	Trumbull, OH	warm	Erie, OH	10
Youngstown, OH	Trumbull, OH	warm	Erie, PA	6
Youngstown, OH	Trumbull, OH	warm	Fairfield, OH	10
Youngstown, OH	Trumbull, OH	warm	Fayette, PA	49
Youngstown, OH	Trumbull, OH	warm	Forest, PA	12
Youngstown, OH	Trumbull, OH	warm	Franklin, OH	6
Youngstown, OH	Trumbull, OH	warm	Garrett, MD	28
Youngstown, OH	Trumbull, OH	warm	Geauga, OH	36
Youngstown, OH	Trumbull, OH	warm	Greene, PA	55
Youngstown, OH	Trumbull, OH	warm	Guernsey, OH	42
Youngstown, OH	Trumbull, OH	warm	Hancock, WV	85
Youngstown, OH	Trumbull, OH	warm	Harrison, OH	63
Youngstown, OH	Trumbull, OH	warm	Holmes, OH	26

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Youngstown, OH	Trumbull, OH	warm	Huron, OH	12
Youngstown, OH	Trumbull, OH	warm	Indiana, PA	37
Youngstown, OH	Trumbull, OH	warm	Jefferson, OH	75
Youngstown, OH	Trumbull, OH	warm	Jefferson, PA	21
Youngstown, OH	Trumbull, OH	warm	Knox, OH	12
Youngstown, OH	Trumbull, OH	warm	Lake, OH	19
Youngstown, OH	Trumbull, OH	warm	Lawrence, PA	93
Youngstown, OH	Trumbull, OH	warm	Licking, OH	12
Youngstown, OH	Trumbull, OH	warm	Lorain, OH	15
Youngstown, OH	Trumbull, OH	warm	Mahoning, OH	100
Youngstown, OH	Trumbull, OH	warm	Marion, OH	4
Youngstown, OH	Trumbull, OH	warm	Marshall, WV	53
Youngstown, OH	Trumbull, OH	warm	McKean, PA	2
Youngstown, OH	Trumbull, OH	warm	Medina, OH	22
Youngstown, OH	Trumbull, OH	warm	Mercer, PA	62
Youngstown, OH	Trumbull, OH	warm	Monongalia, WV	45
Youngstown, OH	Trumbull, OH	warm	Monroe, OH	42
Youngstown, OH	Trumbull, OH	warm	Morgan, OH	23
Youngstown, OH	Trumbull, OH	warm	Morrow, OH	7
Youngstown, OH	Trumbull, OH	warm	Muskingum, OH	25
Youngstown, OH	Trumbull, OH	warm	Noble, OH	36
Youngstown, OH	Trumbull, OH	warm	Ohio, WV	62
Youngstown, OH	Trumbull, OH	warm	Perry, OH	15
Youngstown, OH	Trumbull, OH	warm	Portage, OH	64
Youngstown, OH	Trumbull, OH	warm	Potter, PA	3
Youngstown, OH	Trumbull, OH	warm	Preston, WV	31
Youngstown, OH	Trumbull, OH	warm	Richland, OH	11
Youngstown, OH	Trumbull, OH	warm	Sandusky, OH	6
Youngstown, OH	Trumbull, OH	warm	Seneca, OH	6
Youngstown, OH	Trumbull, OH	warm	Somerset, PA	36
Youngstown, OH	Trumbull, OH	warm	Stark, OH	61
Youngstown, OH	Trumbull, OH	warm	Summit, OH	40
Youngstown, OH	Trumbull, OH	warm	Trumbull, OH	73
Youngstown, OH	Trumbull, OH	warm	Tuscarawas, OH	50
Youngstown, OH	Trumbull, OH	warm	Tyler, WV	38
Youngstown, OH	Trumbull, OH	warm	Union, OH	3
Youngstown, OH	Trumbull, OH	warm	Venango, PA	30
Youngstown, OH	Trumbull, OH	warm	Warren, PA	5
Youngstown, OH	Trumbull, OH	warm	Washington, OH	27
Youngstown, OH	Trumbull, OH	warm	Washington, PA	66
Youngstown, OH	Trumbull, OH	warm	Wayne, OH	27
Youngstown, OH	Trumbull, OH	warm	Westmoreland, PA	54
Youngstown, OH	Trumbull, OH	warm	Wetzel, WV	45
Youngstown, OH	Trumbull, OH	warm	Wyoming, NY	1
Yuba City, CA	Sutter, CA	cold	Ada, ID	0
Yuba City, CA	Sutter, CA	cold	Alameda, CA	0
Yuba City, CA	Sutter, CA	cold	Alpine, CA	0
Yuba City, CA	Sutter, CA	cold	Amador, CA	16
Yuba City, CA	Sutter, CA	cold	Baker, OR	0

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Yuba City, CA	Sutter, CA	cold	Box Elder, UT	0
Yuba City, CA	Sutter, CA	cold	Butte, CA	43
Yuba City, CA	Sutter, CA	cold	Calaveras, CA	18
Yuba City, CA	Sutter, CA	cold	Canyon, ID	0
Yuba City, CA	Sutter, CA	cold	Carson, NV	0
Yuba City, CA	Sutter, CA	cold	Cassia, ID	0
Yuba City, CA	Sutter, CA	cold	Churchill, NV	0
Yuba City, CA	Sutter, CA	cold	Clark, NV	0
Yuba City, CA	Sutter, CA	cold	Colusa, CA	7
Yuba City, CA	Sutter, CA	cold	Contra Costa, CA	1
Yuba City, CA	Sutter, CA	cold	Crook, OR	0
Yuba City, CA	Sutter, CA	cold	Del Norte, CA	0
Yuba City, CA	Sutter, CA	cold	Deschutes, OR	0
Yuba City, CA	Sutter, CA	cold	Douglas, NV	0
Yuba City, CA	Sutter, CA	cold	Douglas, OR	0
Yuba City, CA	Sutter, CA	cold	El Dorado, CA	7
Yuba City, CA	Sutter, CA	cold	Elko, NV	0
Yuba City, CA	Sutter, CA	cold	Elmore, ID	0
Yuba City, CA	Sutter, CA	cold	Esmeralda, NV	0
Yuba City, CA	Sutter, CA	cold	Eureka, NV	0
Yuba City, CA	Sutter, CA	cold	Fresno, CA	0
Yuba City, CA	Sutter, CA	cold	Glenn, CA	17
Yuba City, CA	Sutter, CA	cold	Grant, OR	0
Yuba City, CA	Sutter, CA	cold	Harney, OR	0
Yuba City, CA	Sutter, CA	cold	Humboldt, CA	0
Yuba City, CA	Sutter, CA	cold	Humboldt, NV	0
Yuba City, CA	Sutter, CA	cold	Inyo, CA	0
Yuba City, CA	Sutter, CA	cold	Jackson, OR	0
Yuba City, CA	Sutter, CA	cold	Jefferson, OR	0
Yuba City, CA	Sutter, CA	cold	Josephine, OR	0
Yuba City, CA	Sutter, CA	cold	Kern, CA	0
Yuba City, CA	Sutter, CA	cold	Kings, CA	0
Yuba City, CA	Sutter, CA	cold	Klamath, OR	0
Yuba City, CA	Sutter, CA	cold	Lake, CA	0
Yuba City, CA	Sutter, CA	cold	Lake, OR	0
Yuba City, CA	Sutter, CA	cold	Lander, NV	0
Yuba City, CA	Sutter, CA	cold	Lane, OR	0
Yuba City, CA	Sutter, CA	cold	Lassen, CA	0
Yuba City, CA	Sutter, CA	cold	Lincoln, NV	0
Yuba City, CA	Sutter, CA	cold	Linn, OR	0
Yuba City, CA	Sutter, CA	cold	Lyon, NV	0
Yuba City, CA	Sutter, CA	cold	Madera, CA	1
Yuba City, CA	Sutter, CA	cold	Malheur, OR	0
Yuba City, CA	Sutter, CA	cold	Marin, CA	1
Yuba City, CA	Sutter, CA	cold	Mariposa, CA	4
Yuba City, CA	Sutter, CA	cold	Mendocino, CA	0
Yuba City, CA	Sutter, CA	cold	Merced, CA	4
Yuba City, CA	Sutter, CA	cold	Mineral, NV	0
Yuba City, CA	Sutter, CA	cold	Modoc, CA	1

** Value is relative to the maximum weight for each violating county by season

Table A-7: Summary of the Violating County Specific Seasonal County Meteorological Weights Used in the Calculation of the CES

Area Name	Violating County	Season	Potentially Contributing County	Normalized Trajectory Weight **
Yuba City, CA	Sutter, CA	cold	Mono, CA	0
Yuba City, CA	Sutter, CA	cold	Monterey, CA	0
Yuba City, CA	Sutter, CA	cold	Morrow, OR	0
Yuba City, CA	Sutter, CA	cold	Napa, CA	1
Yuba City, CA	Sutter, CA	cold	Nevada, CA	7
Yuba City, CA	Sutter, CA	cold	Nye, NV	0
Yuba City, CA	Sutter, CA	cold	Owyhee, ID	0
Yuba City, CA	Sutter, CA	cold	Payette, ID	0
Yuba City, CA	Sutter, CA	cold	Pershing, NV	0
Yuba City, CA	Sutter, CA	cold	Placer, CA	13
Yuba City, CA	Sutter, CA	cold	Plumas, CA	1
Yuba City, CA	Sutter, CA	cold	Sacramento, CA	20
Yuba City, CA	Sutter, CA	cold	San Benito, CA	0
Yuba City, CA	Sutter, CA	cold	San Bernardino, CA	0
Yuba City, CA	Sutter, CA	cold	San Francisco, CA	1
Yuba City, CA	Sutter, CA	cold	San Joaquin, CA	8
Yuba City, CA	Sutter, CA	cold	San Mateo, CA	0
Yuba City, CA	Sutter, CA	cold	Santa Clara, CA	0
Yuba City, CA	Sutter, CA	cold	Santa Cruz, CA	0
Yuba City, CA	Sutter, CA	cold	Shasta, CA	4
Yuba City, CA	Sutter, CA	cold	Sierra, CA	1
Yuba City, CA	Sutter, CA	cold	Siskiyou, CA	0
Yuba City, CA	Sutter, CA	cold	Solano, CA	2
Yuba City, CA	Sutter, CA	cold	Sonoma, CA	1
Yuba City, CA	Sutter, CA	cold	Stanislaus, CA	9
Yuba City, CA	Sutter, CA	cold	Storey, NV	0
Yuba City, CA	Sutter, CA	cold	Sutter, CA	100
Yuba City, CA	Sutter, CA	cold	Tehama, CA	11
Yuba City, CA	Sutter, CA	cold	Tooele, UT	0
Yuba City, CA	Sutter, CA	cold	Trinity, CA	1
Yuba City, CA	Sutter, CA	cold	Tulare, CA	0
Yuba City, CA	Sutter, CA	cold	Tuolumne, CA	5
Yuba City, CA	Sutter, CA	cold	Twin Falls, ID	0
Yuba City, CA	Sutter, CA	cold	Umatilla, OR	0
Yuba City, CA	Sutter, CA	cold	Union, OR	0
Yuba City, CA	Sutter, CA	cold	Washington, ID	0
Yuba City, CA	Sutter, CA	cold	Washoe, NV	0
Yuba City, CA	Sutter, CA	cold	Wheeler, OR	0
Yuba City, CA	Sutter, CA	cold	White Pine, NV	0
Yuba City, CA	Sutter, CA	cold	Yolo, CA	6
Yuba City, CA	Sutter, CA	cold	Yuba, CA	66

** Value is relative to the maximum weight for each violating county by season

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Albany, GA	Dougherty, GA	Atkinson, GA	83
Albany, GA	Dougherty, GA	Bacon, GA	105
Albany, GA	Dougherty, GA	Baker, GA	25
Albany, GA	Dougherty, GA	Barbour, AL	73
Albany, GA	Dougherty, GA	Bay, FL	119
Albany, GA	Dougherty, GA	Ben Hill, GA	64
Albany, GA	Dougherty, GA	Berrien, GA	63
Albany, GA	Dougherty, GA	Bibb, GA	93
Albany, GA	Dougherty, GA	Bleckley, GA	81
Albany, GA	Dougherty, GA	Brooks, GA	62
Albany, GA	Dougherty, GA	Bullock, AL	95
Albany, GA	Dougherty, GA	Calhoun, FL	98
Albany, GA	Dougherty, GA	Calhoun, GA	24
Albany, GA	Dougherty, GA	Chattahoochee, GA	67
Albany, GA	Dougherty, GA	Clay, GA	47
Albany, GA	Dougherty, GA	Clinch, GA	99
Albany, GA	Dougherty, GA	Coffee, AL	105
Albany, GA	Dougherty, GA	Coffee, GA	81
Albany, GA	Dougherty, GA	Colquitt, GA	37
Albany, GA	Dougherty, GA	Columbia, FL	132
Albany, GA	Dougherty, GA	Cook, GA	53
Albany, GA	Dougherty, GA	Covington, AL	133
Albany, GA	Dougherty, GA	Crawford, GA	81
Albany, GA	Dougherty, GA	Crenshaw, AL	123
Albany, GA	Dougherty, GA	Crisp, GA	37
Albany, GA	Dougherty, GA	Dale, AL	82
Albany, GA	Dougherty, GA	Decatur, GA	50
Albany, GA	Dougherty, GA	Dixie, FL	151
Albany, GA	Dougherty, GA	Dodge, GA	77
Albany, GA	Dougherty, GA	Dooly, GA	49
Albany, GA	Dougherty, GA	Dougherty, GA	10
Albany, GA	Dougherty, GA	Early, GA	42
Albany, GA	Dougherty, GA	Echols, GA	95
Albany, GA	Dougherty, GA	Franklin, FL	127
Albany, GA	Dougherty, GA	Gadsden, FL	73
Albany, GA	Dougherty, GA	Geneva, AL	100
Albany, GA	Dougherty, GA	Grady, GA	46
Albany, GA	Dougherty, GA	Gulf, FL	126
Albany, GA	Dougherty, GA	Hamilton, FL	105
Albany, GA	Dougherty, GA	Harris, GA	91
Albany, GA	Dougherty, GA	Henry, AL	59
Albany, GA	Dougherty, GA	Holmes, FL	106
Albany, GA	Dougherty, GA	Houston, AL	68
Albany, GA	Dougherty, GA	Houston, GA	74
Albany, GA	Dougherty, GA	Irwin, GA	56
Albany, GA	Dougherty, GA	Jackson, FL	77
Albany, GA	Dougherty, GA	Jeff Davis, GA	94
Albany, GA	Dougherty, GA	Jefferson, FL	82
Albany, GA	Dougherty, GA	Lafayette, FL	120

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Albany, GA	Dougherty, GA	Lanier, GA	77
Albany, GA	Dougherty, GA	Laurens, GA	98
Albany, GA	Dougherty, GA	Lee, AL	98
Albany, GA	Dougherty, GA	Lee, GA	16
Albany, GA	Dougherty, GA	Leon, FL	74
Albany, GA	Dougherty, GA	Liberty, FL	95
Albany, GA	Dougherty, GA	Lowndes, GA	75
Albany, GA	Dougherty, GA	Macon, AL	107
Albany, GA	Dougherty, GA	Macon, GA	56
Albany, GA	Dougherty, GA	Madison, FL	87
Albany, GA	Dougherty, GA	Marion, GA	58
Albany, GA	Dougherty, GA	Meriwether, GA	107
Albany, GA	Dougherty, GA	Miller, GA	40
Albany, GA	Dougherty, GA	Mitchell, GA	20
Albany, GA	Dougherty, GA	Monroe, GA	104
Albany, GA	Dougherty, GA	Montgomery, AL	126
Albany, GA	Dougherty, GA	Muscogee, GA	76
Albany, GA	Dougherty, GA	Peach, GA	74
Albany, GA	Dougherty, GA	Pike, AL	102
Albany, GA	Dougherty, GA	Pulaski, GA	65
Albany, GA	Dougherty, GA	Quitman, GA	52
Albany, GA	Dougherty, GA	Randolph, GA	37
Albany, GA	Dougherty, GA	Russell, AL	76
Albany, GA	Dougherty, GA	Schley, GA	52
Albany, GA	Dougherty, GA	Seminole, GA	58
Albany, GA	Dougherty, GA	Stewart, GA	52
Albany, GA	Dougherty, GA	Sumter, GA	35
Albany, GA	Dougherty, GA	Suwannee, FL	120
Albany, GA	Dougherty, GA	Talbot, GA	82
Albany, GA	Dougherty, GA	Taylor, FL	114
Albany, GA	Dougherty, GA	Taylor, GA	70
Albany, GA	Dougherty, GA	Telfair, GA	82
Albany, GA	Dougherty, GA	Terrell, GA	21
Albany, GA	Dougherty, GA	Thomas, GA	50
Albany, GA	Dougherty, GA	Tift, GA	42
Albany, GA	Dougherty, GA	Turner, GA	37
Albany, GA	Dougherty, GA	Twiggs, GA	91
Albany, GA	Dougherty, GA	Upson, GA	90
Albany, GA	Dougherty, GA	Wakulla, FL	98
Albany, GA	Dougherty, GA	Walton, FL	131
Albany, GA	Dougherty, GA	Ware, GA	116
Albany, GA	Dougherty, GA	Washington, FL	107
Albany, GA	Dougherty, GA	Webster, GA	41
Albany, GA	Dougherty, GA	Wheeler, GA	94
Albany, GA	Dougherty, GA	Wilcox, GA	55
Albany, GA	Dougherty, GA	Worth, GA	23
Allentown, PA	Northampton, PA	Adams, PA	113
Allentown, PA	Northampton, PA	Albany, NY	148
Allentown, PA	Northampton, PA	Atlantic, NJ	94

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Allentown, PA	Northampton, PA	Baltimore, MD	111
Allentown, PA	Northampton, PA	Bergen, NJ	73
Allentown, PA	Northampton, PA	Berks, PA	37
Allentown, PA	Northampton, PA	Berkshire, MA	161
Allentown, PA	Northampton, PA	Bradford, PA	91
Allentown, PA	Northampton, PA	Bronx, NY	81
Allentown, PA	Northampton, PA	Broome, NY	103
Allentown, PA	Northampton, PA	Bucks, PA	33
Allentown, PA	Northampton, PA	Burlington, NJ	72
Allentown, PA	Northampton, PA	Camden, NJ	69
Allentown, PA	Northampton, PA	Cape May, NJ	117
Allentown, PA	Northampton, PA	Carbon, PA	22
Allentown, PA	Northampton, PA	Carroll, MD	120
Allentown, PA	Northampton, PA	Cayuga, NY	169
Allentown, PA	Northampton, PA	Cecil, MD	88
Allentown, PA	Northampton, PA	Centre, PA	119
Allentown, PA	Northampton, PA	Chemung, NY	120
Allentown, PA	Northampton, PA	Chenango, NY	119
Allentown, PA	Northampton, PA	Chester, PA	56
Allentown, PA	Northampton, PA	Clinton, PA	125
Allentown, PA	Northampton, PA	Columbia, NY	138
Allentown, PA	Northampton, PA	Columbia, PA	56
Allentown, PA	Northampton, PA	Cortland, NY	132
Allentown, PA	Northampton, PA	Cumberland, NJ	97
Allentown, PA	Northampton, PA	Cumberland, PA	110
Allentown, PA	Northampton, PA	Dauphin, PA	80
Allentown, PA	Northampton, PA	Delaware, NY	102
Allentown, PA	Northampton, PA	Delaware, PA	57
Allentown, PA	Northampton, PA	Dutchess, NY	111
Allentown, PA	Northampton, PA	Essex, NJ	60
Allentown, PA	Northampton, PA	Fairfield, CT	115
Allentown, PA	Northampton, PA	Franklin, PA	132
Allentown, PA	Northampton, PA	Gloucester, NJ	74
Allentown, PA	Northampton, PA	Greene, NY	124
Allentown, PA	Northampton, PA	Harford, MD	98
Allentown, PA	Northampton, PA	Herkimer, NY	189
Allentown, PA	Northampton, PA	Hudson, NJ	69
Allentown, PA	Northampton, PA	Hunterdon, NJ	27
Allentown, PA	Northampton, PA	Huntingdon, PA	141
Allentown, PA	Northampton, PA	Juniata, PA	112
Allentown, PA	Northampton, PA	Kent, DE	115
Allentown, PA	Northampton, PA	Kent, MD	115
Allentown, PA	Northampton, PA	Lackawanna, PA	47
Allentown, PA	Northampton, PA	Lancaster, PA	67
Allentown, PA	Northampton, PA	Lebanon, PA	61
Allentown, PA	Northampton, PA	Lehigh, PA	14
Allentown, PA	Northampton, PA	Litchfield, CT	131
Allentown, PA	Northampton, PA	Luzerne, PA	41
Allentown, PA	Northampton, PA	Lycoming, PA	95

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Allentown, PA	Northampton, PA	Madison, NY	153
Allentown, PA	Northampton, PA	Mercer, NJ	50
Allentown, PA	Northampton, PA	Middlesex, NJ	58
Allentown, PA	Northampton, PA	Mifflin, PA	118
Allentown, PA	Northampton, PA	Monmouth, NJ	71
Allentown, PA	Northampton, PA	Monroe, PA	20
Allentown, PA	Northampton, PA	Montgomery, NY	158
Allentown, PA	Northampton, PA	Montgomery, PA	37
Allentown, PA	Northampton, PA	Montour, PA	69
Allentown, PA	Northampton, PA	Morris, NJ	44
Allentown, PA	Northampton, PA	New Castle, DE	83
Allentown, PA	Northampton, PA	New York, NY	75
Allentown, PA	Northampton, PA	Northampton, PA	10
Allentown, PA	Northampton, PA	Northumberland, PA	68
Allentown, PA	Northampton, PA	Ocean, NJ	86
Allentown, PA	Northampton, PA	Oneida, NY	172
Allentown, PA	Northampton, PA	Onondaga, NY	162
Allentown, PA	Northampton, PA	Orange, NY	71
Allentown, PA	Northampton, PA	Otsego, NY	130
Allentown, PA	Northampton, PA	Passaic, NJ	60
Allentown, PA	Northampton, PA	Perry, PA	102
Allentown, PA	Northampton, PA	Philadelphia, PA	54
Allentown, PA	Northampton, PA	Pike, PA	45
Allentown, PA	Northampton, PA	Potter, PA	147
Allentown, PA	Northampton, PA	Putnam, NY	97
Allentown, PA	Northampton, PA	Rensselaer, NY	167
Allentown, PA	Northampton, PA	Rockland, NY	75
Allentown, PA	Northampton, PA	Salem, NJ	81
Allentown, PA	Northampton, PA	Schenectady, NY	160
Allentown, PA	Northampton, PA	Schoharie, NY	137
Allentown, PA	Northampton, PA	Schuylkill, PA	40
Allentown, PA	Northampton, PA	Snyder, PA	89
Allentown, PA	Northampton, PA	Somerset, NJ	43
Allentown, PA	Northampton, PA	Sullivan, NY	74
Allentown, PA	Northampton, PA	Sullivan, PA	75
Allentown, PA	Northampton, PA	Susquehanna, PA	77
Allentown, PA	Northampton, PA	Sussex, NJ	45
Allentown, PA	Northampton, PA	Tioga, NY	111
Allentown, PA	Northampton, PA	Tioga, PA	119
Allentown, PA	Northampton, PA	Tompkins, NY	129
Allentown, PA	Northampton, PA	Ulster, NY	100
Allentown, PA	Northampton, PA	Union, NJ	59
Allentown, PA	Northampton, PA	Union, PA	88
Allentown, PA	Northampton, PA	Warren, NJ	24
Allentown, PA	Northampton, PA	Wayne, PA	60
Allentown, PA	Northampton, PA	Westchester, NY	89
Allentown, PA	Northampton, PA	Wyoming, PA	62
Allentown, PA	Northampton, PA	York, PA	89
Atlanta, GA	Clayton, GA	Baldwin, GA	70

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Atlanta, GA	Clayton, GA	Banks, GA	75
Atlanta, GA	Clayton, GA	Barrow, GA	51
Atlanta, GA	Clayton, GA	Bartow, GA	59
Atlanta, GA	Clayton, GA	Bibb, GA	61
Atlanta, GA	Clayton, GA	Bradley, TN	119
Atlanta, GA	Clayton, GA	Butts, GA	26
Atlanta, GA	Clayton, GA	Calhoun, AL	88
Atlanta, GA	Clayton, GA	Carroll, GA	45
Atlanta, GA	Clayton, GA	Catoosa, GA	106
Atlanta, GA	Clayton, GA	Chambers, AL	73
Atlanta, GA	Clayton, GA	Chattahoochee, GA	82
Atlanta, GA	Clayton, GA	Chattooga, GA	86
Atlanta, GA	Clayton, GA	Cherokee, AL	90
Atlanta, GA	Clayton, GA	Cherokee, GA	52
Atlanta, GA	Clayton, GA	Cherokee, NC	114
Atlanta, GA	Clayton, GA	Clarke, GA	63
Atlanta, GA	Clayton, GA	Clay, AL	86
Atlanta, GA	Clayton, GA	Clayton, GA	6
Atlanta, GA	Clayton, GA	Cleburne, AL	68
Atlanta, GA	Clayton, GA	Cobb, GA	32
Atlanta, GA	Clayton, GA	Coosa, AL	118
Atlanta, GA	Clayton, GA	Coweta, GA	27
Atlanta, GA	Clayton, GA	Crawford, GA	60
Atlanta, GA	Clayton, GA	Dade, GA	112
Atlanta, GA	Clayton, GA	Dawson, GA	68
Atlanta, GA	Clayton, GA	DeKalb, AL	106
Atlanta, GA	Clayton, GA	DeKalb, GA	21
Atlanta, GA	Clayton, GA	Douglas, GA	28
Atlanta, GA	Clayton, GA	Elbert, GA	96
Atlanta, GA	Clayton, GA	Elmore, AL	122
Atlanta, GA	Clayton, GA	Etowah, AL	104
Atlanta, GA	Clayton, GA	Fannin, GA	91
Atlanta, GA	Clayton, GA	Fayette, GA	11
Atlanta, GA	Clayton, GA	Floyd, GA	75
Atlanta, GA	Clayton, GA	Forsyth, GA	49
Atlanta, GA	Clayton, GA	Franklin, GA	88
Atlanta, GA	Clayton, GA	Fulton, GA	24
Atlanta, GA	Clayton, GA	Gilmer, GA	83
Atlanta, GA	Clayton, GA	Gordon, GA	76
Atlanta, GA	Clayton, GA	Greene, GA	69
Atlanta, GA	Clayton, GA	Gwinnett, GA	36
Atlanta, GA	Clayton, GA	Habersham, GA	91
Atlanta, GA	Clayton, GA	Hall, GA	64
Atlanta, GA	Clayton, GA	Hamilton, TN	128
Atlanta, GA	Clayton, GA	Hancock, GA	80
Atlanta, GA	Clayton, GA	Haralson, GA	53
Atlanta, GA	Clayton, GA	Harris, GA	62
Atlanta, GA	Clayton, GA	Hart, GA	99
Atlanta, GA	Clayton, GA	Heard, GA	47

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Atlanta, GA	Clayton, GA	Henry, GA	14
Atlanta, GA	Clayton, GA	Houston, GA	81
Atlanta, GA	Clayton, GA	Jackson, GA	62
Atlanta, GA	Clayton, GA	Jasper, GA	39
Atlanta, GA	Clayton, GA	Jones, GA	57
Atlanta, GA	Clayton, GA	Lamar, GA	32
Atlanta, GA	Clayton, GA	Lee, AL	87
Atlanta, GA	Clayton, GA	Lumpkin, GA	77
Atlanta, GA	Clayton, GA	Macon, AL	110
Atlanta, GA	Clayton, GA	Macon, GA	82
Atlanta, GA	Clayton, GA	Madison, GA	79
Atlanta, GA	Clayton, GA	Marion, GA	80
Atlanta, GA	Clayton, GA	Meriwether, GA	38
Atlanta, GA	Clayton, GA	Monroe, GA	42
Atlanta, GA	Clayton, GA	Morgan, GA	49
Atlanta, GA	Clayton, GA	Murray, GA	92
Atlanta, GA	Clayton, GA	Muscogee, GA	76
Atlanta, GA	Clayton, GA	Newton, GA	29
Atlanta, GA	Clayton, GA	Oconee, GA	58
Atlanta, GA	Clayton, GA	Oconee, SC	113
Atlanta, GA	Clayton, GA	Oglethorpe, GA	77
Atlanta, GA	Clayton, GA	Paulding, GA	43
Atlanta, GA	Clayton, GA	Peach, GA	71
Atlanta, GA	Clayton, GA	Pickens, GA	67
Atlanta, GA	Clayton, GA	Pike, GA	29
Atlanta, GA	Clayton, GA	Polk, GA	59
Atlanta, GA	Clayton, GA	Polk, TN	114
Atlanta, GA	Clayton, GA	Putnam, GA	59
Atlanta, GA	Clayton, GA	Rabun, GA	107
Atlanta, GA	Clayton, GA	Randolph, AL	66
Atlanta, GA	Clayton, GA	Rockdale, GA	22
Atlanta, GA	Clayton, GA	Russell, AL	97
Atlanta, GA	Clayton, GA	Schley, GA	84
Atlanta, GA	Clayton, GA	Shelby, AL	136
Atlanta, GA	Clayton, GA	Spalding, GA	17
Atlanta, GA	Clayton, GA	St. Clair, AL	117
Atlanta, GA	Clayton, GA	Stephens, GA	96
Atlanta, GA	Clayton, GA	Stewart, GA	103
Atlanta, GA	Clayton, GA	Sumter, GA	101
Atlanta, GA	Clayton, GA	Talbot, GA	56
Atlanta, GA	Clayton, GA	Taliaferro, GA	86
Atlanta, GA	Clayton, GA	Talladega, AL	104
Atlanta, GA	Clayton, GA	Tallapoosa, AL	97
Atlanta, GA	Clayton, GA	Taylor, GA	65
Atlanta, GA	Clayton, GA	Towns, GA	103
Atlanta, GA	Clayton, GA	Troup, GA	51
Atlanta, GA	Clayton, GA	Twiggs, GA	78
Atlanta, GA	Clayton, GA	Union, GA	93
Atlanta, GA	Clayton, GA	Upson, GA	46

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Atlanta, GA	Clayton, GA	Walker, GA	105
Atlanta, GA	Clayton, GA	Walton, GA	39
Atlanta, GA	Clayton, GA	Webster, GA	99
Atlanta, GA	Clayton, GA	White, GA	86
Atlanta, GA	Clayton, GA	Whitfield, GA	97
Atlanta, GA	Clayton, GA	Wilkinson, GA	85
Baltimore, MD	Baltimore (City), MD	Adams, PA	53
Baltimore, MD	Baltimore (City), MD	Alexandria (City), VA	41
Baltimore, MD	Baltimore (City), MD	Allegany, MD	107
Baltimore, MD	Baltimore (City), MD	Anne Arundel, MD	22
Baltimore, MD	Baltimore (City), MD	Arlington, VA	38
Baltimore, MD	Baltimore (City), MD	Baltimore (City), MD	3
Baltimore, MD	Baltimore (City), MD	Baltimore, MD	12
Baltimore, MD	Baltimore (City), MD	Berkeley, WV	76
Baltimore, MD	Baltimore (City), MD	Berks, PA	86
Baltimore, MD	Baltimore (City), MD	Calvert, MD	51
Baltimore, MD	Baltimore (City), MD	Carbon, PA	123
Baltimore, MD	Baltimore (City), MD	Caroline, VA	97
Baltimore, MD	Baltimore (City), MD	Carroll, MD	27
Baltimore, MD	Baltimore (City), MD	Cecil, MD	41
Baltimore, MD	Baltimore (City), MD	Charles, MD	58
Baltimore, MD	Baltimore (City), MD	Chester, PA	68
Baltimore, MD	Baltimore (City), MD	Clarke, VA	73
Baltimore, MD	Baltimore (City), MD	Columbia, PA	122
Baltimore, MD	Baltimore (City), MD	Culpeper, VA	92
Baltimore, MD	Baltimore (City), MD	Cumberland, PA	70
Baltimore, MD	Baltimore (City), MD	Dauphin, PA	77
Baltimore, MD	Baltimore (City), MD	Delaware, PA	80
Baltimore, MD	Baltimore (City), MD	District of Columbia, DC	33
Baltimore, MD	Baltimore (City), MD	Essex, VA	95
Baltimore, MD	Baltimore (City), MD	Fairfax (City), VA	47
Baltimore, MD	Baltimore (City), MD	Fairfax, VA	49
Baltimore, MD	Baltimore (City), MD	Fauquier, VA	75
Baltimore, MD	Baltimore (City), MD	Franklin, PA	76
Baltimore, MD	Baltimore (City), MD	Frederick, MD	42
Baltimore, MD	Baltimore (City), MD	Fulton, PA	91
Baltimore, MD	Baltimore (City), MD	Gloucester, NJ	84
Baltimore, MD	Baltimore (City), MD	Harford, MD	24
Baltimore, MD	Baltimore (City), MD	Howard, MD	15
Baltimore, MD	Baltimore (City), MD	Huntingdon, PA	108
Baltimore, MD	Baltimore (City), MD	Jefferson, WV	66
Baltimore, MD	Baltimore (City), MD	Juniata, PA	95
Baltimore, MD	Baltimore (City), MD	Kent, DE	58
Baltimore, MD	Baltimore (City), MD	Kent, MD	25
Baltimore, MD	Baltimore (City), MD	King George, VA	76
Baltimore, MD	Baltimore (City), MD	Lancaster, PA	55
Baltimore, MD	Baltimore (City), MD	Lebanon, PA	76
Baltimore, MD	Baltimore (City), MD	Lehigh, PA	107
Baltimore, MD	Baltimore (City), MD	Loudoun, VA	58

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Baltimore, MD	Baltimore (City), MD	Luzerne, PA	135
Baltimore, MD	Baltimore (City), MD	Lycoming, PA	144
Baltimore, MD	Baltimore (City), MD	Mifflin, PA	106
Baltimore, MD	Baltimore (City), MD	Montgomery, MD	35
Baltimore, MD	Baltimore (City), MD	Montgomery, PA	93
Baltimore, MD	Baltimore (City), MD	Montour, PA	121
Baltimore, MD	Baltimore (City), MD	Morgan, WV	92
Baltimore, MD	Baltimore (City), MD	New Castle, DE	54
Baltimore, MD	Baltimore (City), MD	Northumberland, PA	111
Baltimore, MD	Baltimore (City), MD	Perry, PA	85
Baltimore, MD	Baltimore (City), MD	Prince George's, MD	33
Baltimore, MD	Baltimore (City), MD	Prince William, VA	62
Baltimore, MD	Baltimore (City), MD	Queen Anne's, MD	36
Baltimore, MD	Baltimore (City), MD	Salem, NJ	73
Baltimore, MD	Baltimore (City), MD	Schuylkill, PA	103
Baltimore, MD	Baltimore (City), MD	Snyder, PA	106
Baltimore, MD	Baltimore (City), MD	Spotsylvania, VA	94
Baltimore, MD	Baltimore (City), MD	St. Mary's, MD	70
Baltimore, MD	Baltimore (City), MD	Stafford, VA	76
Baltimore, MD	Baltimore (City), MD	Union, PA	119
Baltimore, MD	Baltimore (City), MD	Washington, MD	61
Baltimore, MD	Baltimore (City), MD	Westmoreland, VA	82
Baltimore, MD	Baltimore (City), MD	York, PA	48
Baltimore, MD	Baltimore, MD	Adams, PA	43
Baltimore, MD	Baltimore, MD	Alexandria (City), VA	51
Baltimore, MD	Baltimore, MD	Allegany, MD	105
Baltimore, MD	Baltimore, MD	Anne Arundel, MD	34
Baltimore, MD	Baltimore, MD	Arlington, VA	47
Baltimore, MD	Baltimore, MD	Baltimore (City), MD	12
Baltimore, MD	Baltimore, MD	Baltimore, MD	14
Baltimore, MD	Baltimore, MD	Berkeley, WV	74
Baltimore, MD	Baltimore, MD	Berks, PA	76
Baltimore, MD	Baltimore, MD	Calvert, MD	63
Baltimore, MD	Baltimore, MD	Carbon, PA	112
Baltimore, MD	Baltimore, MD	Caroline, VA	107
Baltimore, MD	Baltimore, MD	Carroll, MD	20
Baltimore, MD	Baltimore, MD	Cecil, MD	39
Baltimore, MD	Baltimore, MD	Charles, MD	70
Baltimore, MD	Baltimore, MD	Chester, PA	61
Baltimore, MD	Baltimore, MD	Clarke, VA	75
Baltimore, MD	Baltimore, MD	Columbia, PA	110
Baltimore, MD	Baltimore, MD	Culpeper, VA	99
Baltimore, MD	Baltimore, MD	Cumberland, PA	59
Baltimore, MD	Baltimore, MD	Dauphin, PA	65
Baltimore, MD	Baltimore, MD	Delaware, PA	75
Baltimore, MD	Baltimore, MD	District of Columbia, DC	43
Baltimore, MD	Baltimore, MD	Essex, VA	106
Baltimore, MD	Baltimore, MD	Fairfax (City), VA	55
Baltimore, MD	Baltimore, MD	Fairfax, VA	57

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Baltimore, MD	Baltimore, MD	Fauquier, VA	82
Baltimore, MD	Baltimore, MD	Franklin, PA	68
Baltimore, MD	Baltimore, MD	Frederick, MD	39
Baltimore, MD	Baltimore, MD	Fulton, PA	84
Baltimore, MD	Baltimore, MD	Gloucester, NJ	81
Baltimore, MD	Baltimore, MD	Harford, MD	20
Baltimore, MD	Baltimore, MD	Howard, MD	21
Baltimore, MD	Baltimore, MD	Huntingdon, PA	99
Baltimore, MD	Baltimore, MD	Jefferson, WV	66
Baltimore, MD	Baltimore, MD	Juniata, PA	84
Baltimore, MD	Baltimore, MD	Kent, DE	62
Baltimore, MD	Baltimore, MD	Kent, MD	31
Baltimore, MD	Baltimore, MD	King George, VA	87
Baltimore, MD	Baltimore, MD	Lancaster, PA	44
Baltimore, MD	Baltimore, MD	Lebanon, PA	64
Baltimore, MD	Baltimore, MD	Lehigh, PA	97
Baltimore, MD	Baltimore, MD	Loudoun, VA	61
Baltimore, MD	Baltimore, MD	Luzerne, PA	123
Baltimore, MD	Baltimore, MD	Lycoming, PA	131
Baltimore, MD	Baltimore, MD	Mifflin, PA	95
Baltimore, MD	Baltimore, MD	Montgomery, MD	39
Baltimore, MD	Baltimore, MD	Montgomery, PA	85
Baltimore, MD	Baltimore, MD	Montour, PA	108
Baltimore, MD	Baltimore, MD	Morgan, WV	89
Baltimore, MD	Baltimore, MD	New Castle, DE	52
Baltimore, MD	Baltimore, MD	Northumberland, PA	99
Baltimore, MD	Baltimore, MD	Perry, PA	73
Baltimore, MD	Baltimore, MD	Prince George's, MD	45
Baltimore, MD	Baltimore, MD	Prince William, VA	69
Baltimore, MD	Baltimore, MD	Queen Anne's, MD	44
Baltimore, MD	Baltimore, MD	Salem, NJ	72
Baltimore, MD	Baltimore, MD	Schuylkill, PA	91
Baltimore, MD	Baltimore, MD	Snyder, PA	94
Baltimore, MD	Baltimore, MD	Spotsylvania, VA	104
Baltimore, MD	Baltimore, MD	St. Mary's, MD	82
Baltimore, MD	Baltimore, MD	Stafford, VA	85
Baltimore, MD	Baltimore, MD	Union, PA	107
Baltimore, MD	Baltimore, MD	Washington, MD	58
Baltimore, MD	Baltimore, MD	Westmoreland, VA	93
Baltimore, MD	Baltimore, MD	York, PA	36
Birmingham, AL	Jefferson, AL	Alcorn, MS	135
Birmingham, AL	Jefferson, AL	Attala, MS	160
Birmingham, AL	Jefferson, AL	Autauga, AL	73
Birmingham, AL	Jefferson, AL	Baldwin, AL	199
Birmingham, AL	Jefferson, AL	Bartow, GA	126
Birmingham, AL	Jefferson, AL	Bedford, TN	138
Birmingham, AL	Jefferson, AL	Bibb, AL	38
Birmingham, AL	Jefferson, AL	Blount, AL	37
Birmingham, AL	Jefferson, AL	Bullock, AL	121

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Birmingham, AL	Jefferson, AL	Butler, AL	125
Birmingham, AL	Jefferson, AL	Calhoun, AL	61
Birmingham, AL	Jefferson, AL	Calhoun, MS	144
Birmingham, AL	Jefferson, AL	Carroll, GA	101
Birmingham, AL	Jefferson, AL	Catoosa, GA	135
Birmingham, AL	Jefferson, AL	Chambers, AL	95
Birmingham, AL	Jefferson, AL	Chattooga, GA	107
Birmingham, AL	Jefferson, AL	Cherokee, AL	84
Birmingham, AL	Jefferson, AL	Chickasaw, MS	122
Birmingham, AL	Jefferson, AL	Chilton, AL	48
Birmingham, AL	Jefferson, AL	Choctaw, AL	135
Birmingham, AL	Jefferson, AL	Choctaw, MS	140
Birmingham, AL	Jefferson, AL	Clarke, AL	146
Birmingham, AL	Jefferson, AL	Clarke, MS	149
Birmingham, AL	Jefferson, AL	Clay, AL	63
Birmingham, AL	Jefferson, AL	Clay, MS	110
Birmingham, AL	Jefferson, AL	Cleburne, AL	80
Birmingham, AL	Jefferson, AL	Coffee, TN	143
Birmingham, AL	Jefferson, AL	Colbert, AL	98
Birmingham, AL	Jefferson, AL	Coosa, AL	55
Birmingham, AL	Jefferson, AL	Coweta, GA	121
Birmingham, AL	Jefferson, AL	Crenshaw, AL	129
Birmingham, AL	Jefferson, AL	Cullman, AL	38
Birmingham, AL	Jefferson, AL	Dade, GA	116
Birmingham, AL	Jefferson, AL	Dallas, AL	81
Birmingham, AL	Jefferson, AL	DeKalb, AL	94
Birmingham, AL	Jefferson, AL	Douglas, GA	121
Birmingham, AL	Jefferson, AL	Elmore, AL	78
Birmingham, AL	Jefferson, AL	Etowah, AL	57
Birmingham, AL	Jefferson, AL	Fayette, AL	52
Birmingham, AL	Jefferson, AL	Floyd, GA	110
Birmingham, AL	Jefferson, AL	Franklin, AL	85
Birmingham, AL	Jefferson, AL	Franklin, TN	121
Birmingham, AL	Jefferson, AL	Fulton, GA	143
Birmingham, AL	Jefferson, AL	Giles, TN	117
Birmingham, AL	Jefferson, AL	Gordon, GA	132
Birmingham, AL	Jefferson, AL	Greene, AL	82
Birmingham, AL	Jefferson, AL	Grundy, TN	143
Birmingham, AL	Jefferson, AL	Hale, AL	71
Birmingham, AL	Jefferson, AL	Hamilton, TN	151
Birmingham, AL	Jefferson, AL	Haralson, GA	97
Birmingham, AL	Jefferson, AL	Hardin, TN	138
Birmingham, AL	Jefferson, AL	Harris, GA	127
Birmingham, AL	Jefferson, AL	Heard, GA	103
Birmingham, AL	Jefferson, AL	Itawamba, MS	100
Birmingham, AL	Jefferson, AL	Jackson, AL	95
Birmingham, AL	Jefferson, AL	Jasper, MS	169
Birmingham, AL	Jefferson, AL	Jefferson, AL	19
Birmingham, AL	Jefferson, AL	Kemper, MS	117

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Birmingham, AL	Jefferson, AL	Lamar, AL	73
Birmingham, AL	Jefferson, AL	Lauderdale, AL	101
Birmingham, AL	Jefferson, AL	Lauderdale, MS	131
Birmingham, AL	Jefferson, AL	Lawrence, AL	75
Birmingham, AL	Jefferson, AL	Lawrence, TN	120
Birmingham, AL	Jefferson, AL	Leake, MS	164
Birmingham, AL	Jefferson, AL	Lee, AL	110
Birmingham, AL	Jefferson, AL	Lee, MS	117
Birmingham, AL	Jefferson, AL	Limestone, AL	86
Birmingham, AL	Jefferson, AL	Lincoln, TN	114
Birmingham, AL	Jefferson, AL	Lowndes, AL	95
Birmingham, AL	Jefferson, AL	Lowndes, MS	90
Birmingham, AL	Jefferson, AL	Macon, AL	102
Birmingham, AL	Jefferson, AL	Madison, AL	84
Birmingham, AL	Jefferson, AL	Marengo, AL	102
Birmingham, AL	Jefferson, AL	Marion, AL	73
Birmingham, AL	Jefferson, AL	Marion, TN	132
Birmingham, AL	Jefferson, AL	Marshall, AL	63
Birmingham, AL	Jefferson, AL	Marshall, TN	134
Birmingham, AL	Jefferson, AL	Monroe, AL	143
Birmingham, AL	Jefferson, AL	Monroe, MS	96
Birmingham, AL	Jefferson, AL	Montgomery, AL	98
Birmingham, AL	Jefferson, AL	Moore, TN	123
Birmingham, AL	Jefferson, AL	Morgan, AL	66
Birmingham, AL	Jefferson, AL	Muscogee, GA	137
Birmingham, AL	Jefferson, AL	Neshoba, MS	142
Birmingham, AL	Jefferson, AL	Newton, MS	153
Birmingham, AL	Jefferson, AL	Noxubee, MS	103
Birmingham, AL	Jefferson, AL	Oktibbeha, MS	117
Birmingham, AL	Jefferson, AL	Paulding, GA	117
Birmingham, AL	Jefferson, AL	Perry, AL	70
Birmingham, AL	Jefferson, AL	Pickens, AL	73
Birmingham, AL	Jefferson, AL	Pike, AL	130
Birmingham, AL	Jefferson, AL	Polk, GA	102
Birmingham, AL	Jefferson, AL	Pontotoc, MS	133
Birmingham, AL	Jefferson, AL	Prentiss, MS	120
Birmingham, AL	Jefferson, AL	Randolph, AL	83
Birmingham, AL	Jefferson, AL	Russell, AL	131
Birmingham, AL	Jefferson, AL	Sequatchie, TN	152
Birmingham, AL	Jefferson, AL	Shelby, AL	21
Birmingham, AL	Jefferson, AL	St. Clair, AL	30
Birmingham, AL	Jefferson, AL	Sumter, AL	100
Birmingham, AL	Jefferson, AL	Talladega, AL	42
Birmingham, AL	Jefferson, AL	Tallapoosa, AL	80
Birmingham, AL	Jefferson, AL	Tippah, MS	146
Birmingham, AL	Jefferson, AL	Tishomingo, MS	113
Birmingham, AL	Jefferson, AL	Troup, GA	111
Birmingham, AL	Jefferson, AL	Tuscaloosa, AL	40
Birmingham, AL	Jefferson, AL	Union, MS	140

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Birmingham, AL	Jefferson, AL	Walker, AL	28
Birmingham, AL	Jefferson, AL	Walker, GA	123
Birmingham, AL	Jefferson, AL	Washington, AL	167
Birmingham, AL	Jefferson, AL	Wayne, MS	169
Birmingham, AL	Jefferson, AL	Wayne, TN	129
Birmingham, AL	Jefferson, AL	Webster, MS	138
Birmingham, AL	Jefferson, AL	Whitfield, GA	138
Birmingham, AL	Jefferson, AL	Wilcox, AL	106
Birmingham, AL	Jefferson, AL	Winston, AL	51
Birmingham, AL	Jefferson, AL	Winston, MS	131
Canton, OH	Stark, OH	Allegheny, PA	76
Canton, OH	Stark, OH	Armstrong, PA	100
Canton, OH	Stark, OH	Ashland, OH	47
Canton, OH	Stark, OH	Ashtabula, OH	71
Canton, OH	Stark, OH	Athens, OH	107
Canton, OH	Stark, OH	Beaver, PA	55
Canton, OH	Stark, OH	Belmont, OH	59
Canton, OH	Stark, OH	Brooke, WV	56
Canton, OH	Stark, OH	Butler, PA	76
Canton, OH	Stark, OH	Cambria, PA	140
Canton, OH	Stark, OH	Carroll, OH	22
Canton, OH	Stark, OH	Cattaraugus, NY	172
Canton, OH	Stark, OH	Champaign, OH	134
Canton, OH	Stark, OH	Chautauqua, NY	144
Canton, OH	Stark, OH	Clarion, PA	104
Canton, OH	Stark, OH	Columbiana, OH	30
Canton, OH	Stark, OH	Coshocton, OH	45
Canton, OH	Stark, OH	Crawford, OH	81
Canton, OH	Stark, OH	Crawford, PA	90
Canton, OH	Stark, OH	Cuyahoga, OH	47
Canton, OH	Stark, OH	Delaware, OH	93
Canton, OH	Stark, OH	Elk, PA	142
Canton, OH	Stark, OH	Erie, OH	87
Canton, OH	Stark, OH	Erie, PA	111
Canton, OH	Stark, OH	Fairfield, OH	99
Canton, OH	Stark, OH	Fayette, PA	109
Canton, OH	Stark, OH	Forest, PA	120
Canton, OH	Stark, OH	Franklin, OH	104
Canton, OH	Stark, OH	Garrett, MD	144
Canton, OH	Stark, OH	Geauga, OH	51
Canton, OH	Stark, OH	Greene, PA	89
Canton, OH	Stark, OH	Guernsey, OH	54
Canton, OH	Stark, OH	Hancock, OH	120
Canton, OH	Stark, OH	Hancock, WV	47
Canton, OH	Stark, OH	Hardin, OH	120
Canton, OH	Stark, OH	Harrison, OH	38
Canton, OH	Stark, OH	Hocking, OH	107
Canton, OH	Stark, OH	Holmes, OH	34
Canton, OH	Stark, OH	Huron, OH	68

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Canton, OH	Stark, OH	Indiana, PA	120
Canton, OH	Stark, OH	Jefferson, OH	45
Canton, OH	Stark, OH	Jefferson, PA	125
Canton, OH	Stark, OH	Knox, OH	62
Canton, OH	Stark, OH	Lake, OH	63
Canton, OH	Stark, OH	Lawrence, PA	56
Canton, OH	Stark, OH	Licking, OH	77
Canton, OH	Stark, OH	Logan, OH	130
Canton, OH	Stark, OH	Lorain, OH	51
Canton, OH	Stark, OH	Madison, OH	124
Canton, OH	Stark, OH	Mahoning, OH	35
Canton, OH	Stark, OH	Marion, OH	97
Canton, OH	Stark, OH	Marshall, WV	75
Canton, OH	Stark, OH	McKean, PA	160
Canton, OH	Stark, OH	Medina, OH	37
Canton, OH	Stark, OH	Mercer, PA	66
Canton, OH	Stark, OH	Monongalia, WV	113
Canton, OH	Stark, OH	Monroe, OH	78
Canton, OH	Stark, OH	Morgan, OH	86
Canton, OH	Stark, OH	Morrow, OH	78
Canton, OH	Stark, OH	Muskingum, OH	67
Canton, OH	Stark, OH	Noble, OH	73
Canton, OH	Stark, OH	Ohio, WV	63
Canton, OH	Stark, OH	Ottawa, OH	111
Canton, OH	Stark, OH	Perry, OH	87
Canton, OH	Stark, OH	Pickaway, OH	120
Canton, OH	Stark, OH	Pleasants, WV	100
Canton, OH	Stark, OH	Portage, OH	26
Canton, OH	Stark, OH	Preston, WV	129
Canton, OH	Stark, OH	Richland, OH	62
Canton, OH	Stark, OH	Sandusky, OH	100
Canton, OH	Stark, OH	Seneca, OH	94
Canton, OH	Stark, OH	Somerset, PA	135
Canton, OH	Stark, OH	Stark, OH	13
Canton, OH	Stark, OH	Summit, OH	24
Canton, OH	Stark, OH	Trumbull, OH	47
Canton, OH	Stark, OH	Tuscarawas, OH	26
Canton, OH	Stark, OH	Tyler, WV	98
Canton, OH	Stark, OH	Union, OH	112
Canton, OH	Stark, OH	Venango, PA	94
Canton, OH	Stark, OH	Warren, PA	129
Canton, OH	Stark, OH	Washington, OH	96
Canton, OH	Stark, OH	Washington, PA	72
Canton, OH	Stark, OH	Wayne, OH	27
Canton, OH	Stark, OH	Westmoreland, PA	109
Canton, OH	Stark, OH	Wetzel, WV	93
Canton, OH	Stark, OH	Wood, OH	126
Canton, OH	Stark, OH	Wood, WV	110
Canton, OH	Stark, OH	Wyandot, OH	102

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Charleston, WV	Kanawha, WV	Adams, OH	112
Charleston, WV	Kanawha, WV	Albemarle, VA	162
Charleston, WV	Kanawha, WV	Alleghany, VA	93
Charleston, WV	Kanawha, WV	Amherst, VA	137
Charleston, WV	Kanawha, WV	Athens, OH	80
Charleston, WV	Kanawha, WV	Augusta, VA	130
Charleston, WV	Kanawha, WV	Barbour, WV	99
Charleston, WV	Kanawha, WV	Bath, VA	99
Charleston, WV	Kanawha, WV	Bedford, VA	127
Charleston, WV	Kanawha, WV	Belmont, OH	122
Charleston, WV	Kanawha, WV	Bland, VA	85
Charleston, WV	Kanawha, WV	Boone, WV	23
Charleston, WV	Kanawha, WV	Botetourt, VA	109
Charleston, WV	Kanawha, WV	Boyd, KY	64
Charleston, WV	Kanawha, WV	Braxton, WV	51
Charleston, WV	Kanawha, WV	Breathitt, KY	113
Charleston, WV	Kanawha, WV	Buchanan, VA	76
Charleston, WV	Kanawha, WV	Buena Vista, VA	125
Charleston, WV	Kanawha, WV	Cabell, WV	41
Charleston, WV	Kanawha, WV	Calhoun, WV	43
Charleston, WV	Kanawha, WV	Carroll, VA	116
Charleston, WV	Kanawha, WV	Carter, KY	81
Charleston, WV	Kanawha, WV	Clay, WV	28
Charleston, WV	Kanawha, WV	Craig, VA	92
Charleston, WV	Kanawha, WV	Dickenson, VA	93
Charleston, WV	Kanawha, WV	Doddridge, WV	79
Charleston, WV	Kanawha, WV	Elliott, KY	85
Charleston, WV	Kanawha, WV	Fairfield, OH	116
Charleston, WV	Kanawha, WV	Fayette, OH	134
Charleston, WV	Kanawha, WV	Fayette, WV	29
Charleston, WV	Kanawha, WV	Floyd, KY	86
Charleston, WV	Kanawha, WV	Floyd, VA	113
Charleston, WV	Kanawha, WV	Gallia, OH	59
Charleston, WV	Kanawha, WV	Garrett, MD	145
Charleston, WV	Kanawha, WV	Giles, VA	82
Charleston, WV	Kanawha, WV	Gilmer, WV	57
Charleston, WV	Kanawha, WV	Grant, WV	137
Charleston, WV	Kanawha, WV	Grayson, VA	113
Charleston, WV	Kanawha, WV	Greenbrier, WV	65
Charleston, WV	Kanawha, WV	Greenup, KY	80
Charleston, WV	Kanawha, WV	Guernsey, OH	120
Charleston, WV	Kanawha, WV	Hampshire, WV	171
Charleston, WV	Kanawha, WV	Hardy, WV	154
Charleston, WV	Kanawha, WV	Harlan, KY	139
Charleston, WV	Kanawha, WV	Harrison, WV	92
Charleston, WV	Kanawha, WV	Highland, OH	129
Charleston, WV	Kanawha, WV	Highland, VA	109
Charleston, WV	Kanawha, WV	Hocking, OH	98
Charleston, WV	Kanawha, WV	Jackson, OH	78

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Charleston, WV	Kanawha, WV	Jackson, WV	38
Charleston, WV	Kanawha, WV	Johnson, KY	78
Charleston, WV	Kanawha, WV	Kanawha, WV	16
Charleston, WV	Kanawha, WV	Knott, KY	101
Charleston, WV	Kanawha, WV	Lawrence, KY	68
Charleston, WV	Kanawha, WV	Lawrence, OH	60
Charleston, WV	Kanawha, WV	Lee, VA	134
Charleston, WV	Kanawha, WV	Letcher, KY	111
Charleston, WV	Kanawha, WV	Lewis, KY	103
Charleston, WV	Kanawha, WV	Lewis, WV	72
Charleston, WV	Kanawha, WV	Licking, OH	135
Charleston, WV	Kanawha, WV	Lincoln, WV	32
Charleston, WV	Kanawha, WV	Logan, WV	39
Charleston, WV	Kanawha, WV	Magoffin, KY	95
Charleston, WV	Kanawha, WV	Marion, WV	108
Charleston, WV	Kanawha, WV	Marshall, WV	119
Charleston, WV	Kanawha, WV	Martin, KY	64
Charleston, WV	Kanawha, WV	Mason, WV	41
Charleston, WV	Kanawha, WV	Mc Dowell, WV	64
Charleston, WV	Kanawha, WV	Meigs, OH	59
Charleston, WV	Kanawha, WV	Menifee, KY	116
Charleston, WV	Kanawha, WV	Mercer, WV	65
Charleston, WV	Kanawha, WV	Mineral, WV	160
Charleston, WV	Kanawha, WV	Mingo, WV	54
Charleston, WV	Kanawha, WV	Monroe, OH	101
Charleston, WV	Kanawha, WV	Monroe, WV	74
Charleston, WV	Kanawha, WV	Montgomery, VA	100
Charleston, WV	Kanawha, WV	Morgan, KY	96
Charleston, WV	Kanawha, WV	Morgan, OH	92
Charleston, WV	Kanawha, WV	Muskingum, OH	118
Charleston, WV	Kanawha, WV	Nelson, VA	147
Charleston, WV	Kanawha, WV	Nicholas, WV	38
Charleston, WV	Kanawha, WV	Noble, OH	102
Charleston, WV	Kanawha, WV	Norton, VA	112
Charleston, WV	Kanawha, WV	Pendleton, WV	121
Charleston, WV	Kanawha, WV	Perry, KY	117
Charleston, WV	Kanawha, WV	Perry, OH	107
Charleston, WV	Kanawha, WV	Pickaway, OH	124
Charleston, WV	Kanawha, WV	Pike, KY	72
Charleston, WV	Kanawha, WV	Pike, OH	100
Charleston, WV	Kanawha, WV	Pleasants, WV	77
Charleston, WV	Kanawha, WV	Pocahontas, WV	84
Charleston, WV	Kanawha, WV	Preston, WV	127
Charleston, WV	Kanawha, WV	Pulaski, VA	96
Charleston, WV	Kanawha, WV	Putnam, WV	23
Charleston, WV	Kanawha, WV	Radford (City), VA	97
Charleston, WV	Kanawha, WV	Raleigh, WV	42
Charleston, WV	Kanawha, WV	Randolph, WV	97
Charleston, WV	Kanawha, WV	Ritchie, WV	67

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Charleston, WV	Kanawha, WV	Roane, WV	31
Charleston, WV	Kanawha, WV	Roanoke, VA	108
Charleston, WV	Kanawha, WV	Rockbridge, VA	120
Charleston, WV	Kanawha, WV	Rockingham, VA	141
Charleston, WV	Kanawha, WV	Ross, OH	110
Charleston, WV	Kanawha, WV	Rowan, KY	104
Charleston, WV	Kanawha, WV	Russell, VA	99
Charleston, WV	Kanawha, WV	Scioto, OH	85
Charleston, WV	Kanawha, WV	Scott, VA	122
Charleston, WV	Kanawha, WV	Smyth, VA	102
Charleston, WV	Kanawha, WV	Staunton (City), VA	133
Charleston, WV	Kanawha, WV	Summers, WV	57
Charleston, WV	Kanawha, WV	Taylor, WV	108
Charleston, WV	Kanawha, WV	Tazewell, VA	80
Charleston, WV	Kanawha, WV	Tucker, WV	119
Charleston, WV	Kanawha, WV	Tyler, WV	88
Charleston, WV	Kanawha, WV	Upshur, WV	81
Charleston, WV	Kanawha, WV	Vinton, OH	83
Charleston, WV	Kanawha, WV	Washington, OH	78
Charleston, WV	Kanawha, WV	Washington, VA	109
Charleston, WV	Kanawha, WV	Wayne, WV	51
Charleston, WV	Kanawha, WV	Waynesboro (City), VA	144
Charleston, WV	Kanawha, WV	Webster, WV	60
Charleston, WV	Kanawha, WV	Wetzel, WV	100
Charleston, WV	Kanawha, WV	Wirt, WV	52
Charleston, WV	Kanawha, WV	Wise, VA	108
Charleston, WV	Kanawha, WV	Wolfe, KY	114
Charleston, WV	Kanawha, WV	Wood, WV	64
Charleston, WV	Kanawha, WV	Wyoming, WV	48
Charleston, WV	Kanawha, WV	Wythe, VA	99
Chattanooga, TN	Hamilton, TN	Anderson, TN	80
Chattanooga, TN	Hamilton, TN	Bartow, GA	70
Chattanooga, TN	Hamilton, TN	Bedford, TN	76
Chattanooga, TN	Hamilton, TN	Bledsoe, TN	25
Chattanooga, TN	Hamilton, TN	Blount, AL	115
Chattanooga, TN	Hamilton, TN	Blount, TN	77
Chattanooga, TN	Hamilton, TN	Bradley, TN	17
Chattanooga, TN	Hamilton, TN	Calhoun, AL	108
Chattanooga, TN	Hamilton, TN	Campbell, TN	99
Chattanooga, TN	Hamilton, TN	Cannon, TN	65
Chattanooga, TN	Hamilton, TN	Carroll, GA	111
Chattanooga, TN	Hamilton, TN	Catoosa, GA	24
Chattanooga, TN	Hamilton, TN	Chattooga, GA	55
Chattanooga, TN	Hamilton, TN	Cherokee, AL	74
Chattanooga, TN	Hamilton, TN	Cherokee, GA	78
Chattanooga, TN	Hamilton, TN	Cherokee, NC	61
Chattanooga, TN	Hamilton, TN	Claiborne, TN	120
Chattanooga, TN	Hamilton, TN	Clay, AL	138
Chattanooga, TN	Hamilton, TN	Clay, NC	80

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Chattanooga, TN	Hamilton, TN	Clay, TN	92
Chattanooga, TN	Hamilton, TN	Clayton, GA	128
Chattanooga, TN	Hamilton, TN	Cleburne, AL	106
Chattanooga, TN	Hamilton, TN	Clinton, KY	106
Chattanooga, TN	Hamilton, TN	Cobb, GA	96
Chattanooga, TN	Hamilton, TN	Cocke, TN	126
Chattanooga, TN	Hamilton, TN	Coffee, TN	55
Chattanooga, TN	Hamilton, TN	Coweta, GA	131
Chattanooga, TN	Hamilton, TN	Cullman, AL	127
Chattanooga, TN	Hamilton, TN	Cumberland, TN	52
Chattanooga, TN	Hamilton, TN	Dade, GA	35
Chattanooga, TN	Hamilton, TN	Davidson, TN	113
Chattanooga, TN	Hamilton, TN	Dawson, GA	74
Chattanooga, TN	Hamilton, TN	De Kalb, TN	65
Chattanooga, TN	Hamilton, TN	DeKalb, AL	58
Chattanooga, TN	Hamilton, TN	DeKalb, GA	112
Chattanooga, TN	Hamilton, TN	Douglas, GA	108
Chattanooga, TN	Hamilton, TN	Etowah, AL	97
Chattanooga, TN	Hamilton, TN	Fannin, GA	59
Chattanooga, TN	Hamilton, TN	Fayette, GA	131
Chattanooga, TN	Hamilton, TN	Fentress, TN	80
Chattanooga, TN	Hamilton, TN	Floyd, GA	61
Chattanooga, TN	Hamilton, TN	Forsyth, GA	91
Chattanooga, TN	Hamilton, TN	Franklin, TN	53
Chattanooga, TN	Hamilton, TN	Fulton, GA	104
Chattanooga, TN	Hamilton, TN	Giles, TN	106
Chattanooga, TN	Hamilton, TN	Gilmer, GA	54
Chattanooga, TN	Hamilton, TN	Gordon, GA	52
Chattanooga, TN	Hamilton, TN	Graham, NC	75
Chattanooga, TN	Hamilton, TN	Grainger, TN	115
Chattanooga, TN	Hamilton, TN	Grundy, TN	32
Chattanooga, TN	Hamilton, TN	Gwinnett, GA	108
Chattanooga, TN	Hamilton, TN	Hall, GA	100
Chattanooga, TN	Hamilton, TN	Hamblen, TN	126
Chattanooga, TN	Hamilton, TN	Hamilton, TN	13
Chattanooga, TN	Hamilton, TN	Hancock, TN	138
Chattanooga, TN	Hamilton, TN	Haralson, GA	100
Chattanooga, TN	Hamilton, TN	Hawkins, TN	149
Chattanooga, TN	Hamilton, TN	Haywood, NC	125
Chattanooga, TN	Hamilton, TN	Jackson, AL	60
Chattanooga, TN	Hamilton, TN	Jackson, NC	115
Chattanooga, TN	Hamilton, TN	Jackson, TN	84
Chattanooga, TN	Hamilton, TN	Jefferson, AL	151
Chattanooga, TN	Hamilton, TN	Jefferson, TN	111
Chattanooga, TN	Hamilton, TN	Knox, TN	88
Chattanooga, TN	Hamilton, TN	Lauderdale, AL	140
Chattanooga, TN	Hamilton, TN	Lawrence, AL	131
Chattanooga, TN	Hamilton, TN	Lawrence, TN	127
Chattanooga, TN	Hamilton, TN	Limestone, AL	111

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Chattanooga, TN	Hamilton, TN	Lincoln, TN	82
Chattanooga, TN	Hamilton, TN	Loudon, TN	61
Chattanooga, TN	Hamilton, TN	Lumpkin, GA	78
Chattanooga, TN	Hamilton, TN	Macon, NC	95
Chattanooga, TN	Hamilton, TN	Macon, TN	102
Chattanooga, TN	Hamilton, TN	Madison, AL	87
Chattanooga, TN	Hamilton, TN	Marion, TN	27
Chattanooga, TN	Hamilton, TN	Marshall, AL	91
Chattanooga, TN	Hamilton, TN	Marshall, TN	93
Chattanooga, TN	Hamilton, TN	Maury, TN	112
Chattanooga, TN	Hamilton, TN	Mc Creary, KY	114
Chattanooga, TN	Hamilton, TN	McMinn, TN	34
Chattanooga, TN	Hamilton, TN	Meigs, TN	29
Chattanooga, TN	Hamilton, TN	Monroe, TN	55
Chattanooga, TN	Hamilton, TN	Moore, TN	68
Chattanooga, TN	Hamilton, TN	Morgan, AL	108
Chattanooga, TN	Hamilton, TN	Morgan, TN	69
Chattanooga, TN	Hamilton, TN	Murray, GA	38
Chattanooga, TN	Hamilton, TN	Oconee, SC	120
Chattanooga, TN	Hamilton, TN	Overton, TN	78
Chattanooga, TN	Hamilton, TN	Paulding, GA	91
Chattanooga, TN	Hamilton, TN	Pickens, GA	64
Chattanooga, TN	Hamilton, TN	Pickett, TN	90
Chattanooga, TN	Hamilton, TN	Polk, GA	84
Chattanooga, TN	Hamilton, TN	Polk, TN	37
Chattanooga, TN	Hamilton, TN	Putnam, TN	66
Chattanooga, TN	Hamilton, TN	Rabun, GA	100
Chattanooga, TN	Hamilton, TN	Randolph, AL	134
Chattanooga, TN	Hamilton, TN	Rhea, TN	31
Chattanooga, TN	Hamilton, TN	Roane, TN	55
Chattanooga, TN	Hamilton, TN	Rutherford, TN	83
Chattanooga, TN	Hamilton, TN	Scott, TN	88
Chattanooga, TN	Hamilton, TN	Sequatchie, TN	15
Chattanooga, TN	Hamilton, TN	Sevier, TN	101
Chattanooga, TN	Hamilton, TN	Shelby, AL	160
Chattanooga, TN	Hamilton, TN	Smith, TN	85
Chattanooga, TN	Hamilton, TN	St. Clair, AL	126
Chattanooga, TN	Hamilton, TN	Sumner, TN	113
Chattanooga, TN	Hamilton, TN	Swain, NC	90
Chattanooga, TN	Hamilton, TN	Talladega, AL	138
Chattanooga, TN	Hamilton, TN	Towns, GA	84
Chattanooga, TN	Hamilton, TN	Trousdale, TN	98
Chattanooga, TN	Hamilton, TN	Union, GA	73
Chattanooga, TN	Hamilton, TN	Union, TN	105
Chattanooga, TN	Hamilton, TN	Van Buren, TN	36
Chattanooga, TN	Hamilton, TN	Walker, AL	158
Chattanooga, TN	Hamilton, TN	Walker, GA	32
Chattanooga, TN	Hamilton, TN	Warren, TN	48
Chattanooga, TN	Hamilton, TN	Wayne, KY	111

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Chattanooga, TN	Hamilton, TN	White, GA	88
Chattanooga, TN	Hamilton, TN	White, TN	51
Chattanooga, TN	Hamilton, TN	Whitfield, GA	30
Chattanooga, TN	Hamilton, TN	Whitley, KY	121
Chattanooga, TN	Hamilton, TN	Williamson, TN	109
Chattanooga, TN	Hamilton, TN	Wilson, TN	92
Chattanooga, TN	Hamilton, TN	Winston, AL	147
Chicago, IL	Cook, IL	Benton, IN	86
Chicago, IL	Cook, IL	Berrien, MI	71
Chicago, IL	Cook, IL	Boone, IL	65
Chicago, IL	Cook, IL	Bureau, IL	96
Chicago, IL	Cook, IL	Carroll, IL	113
Chicago, IL	Cook, IL	Carroll, IN	105
Chicago, IL	Cook, IL	Cass, IN	103
Chicago, IL	Cook, IL	Cass, MI	91
Chicago, IL	Cook, IL	Champaign, IL	118
Chicago, IL	Cook, IL	Clinton, IA	143
Chicago, IL	Cook, IL	Clinton, IN	124
Chicago, IL	Cook, IL	Columbia, WI	139
Chicago, IL	Cook, IL	Cook, IL	16
Chicago, IL	Cook, IL	Dane, WI	122
Chicago, IL	Cook, IL	De Witt, IL	129
Chicago, IL	Cook, IL	DeKalb, IL	53
Chicago, IL	Cook, IL	Dodge, WI	121
Chicago, IL	Cook, IL	Douglas, IL	144
Chicago, IL	Cook, IL	DuPage, IL	17
Chicago, IL	Cook, IL	Edgar, IL	147
Chicago, IL	Cook, IL	Elkhart, IN	99
Chicago, IL	Cook, IL	Fond du Lac, WI	139
Chicago, IL	Cook, IL	Ford, IL	80
Chicago, IL	Cook, IL	Fountain, IN	117
Chicago, IL	Cook, IL	Fulton, IN	96
Chicago, IL	Cook, IL	Green Lake, WI	152
Chicago, IL	Cook, IL	Green, WI	112
Chicago, IL	Cook, IL	Grundy, IL	50
Chicago, IL	Cook, IL	Henry, IL	128
Chicago, IL	Cook, IL	Howard, IN	126
Chicago, IL	Cook, IL	Iowa, WI	147
Chicago, IL	Cook, IL	Iroquois, IL	74
Chicago, IL	Cook, IL	Jackson, IA	150
Chicago, IL	Cook, IL	Jasper, IN	65
Chicago, IL	Cook, IL	Jefferson, WI	99
Chicago, IL	Cook, IL	Jo Daviess, IL	130
Chicago, IL	Cook, IL	Kane, IL	36
Chicago, IL	Cook, IL	Kankakee, IL	47
Chicago, IL	Cook, IL	Kendall, IL	38
Chicago, IL	Cook, IL	Kenosha, WI	55
Chicago, IL	Cook, IL	Kosciusko, IN	106
Chicago, IL	Cook, IL	La Salle, IL	69

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Chicago, IL	Cook, IL	Lafayette, WI	135
Chicago, IL	Cook, IL	Lake, IL	38
Chicago, IL	Cook, IL	Lake, IN	32
Chicago, IL	Cook, IL	LaPorte, IN	57
Chicago, IL	Cook, IL	Lee, IL	79
Chicago, IL	Cook, IL	Livingston, IL	78
Chicago, IL	Cook, IL	Logan, IL	144
Chicago, IL	Cook, IL	Marshall, IL	98
Chicago, IL	Cook, IL	Marshall, IN	84
Chicago, IL	Cook, IL	McHenry, IL	50
Chicago, IL	Cook, IL	McLean, IL	106
Chicago, IL	Cook, IL	Miami, IN	113
Chicago, IL	Cook, IL	Milwaukee, WI	84
Chicago, IL	Cook, IL	Montgomery, IN	131
Chicago, IL	Cook, IL	Newton, IN	61
Chicago, IL	Cook, IL	Ogle, IL	82
Chicago, IL	Cook, IL	Ozaukee, WI	108
Chicago, IL	Cook, IL	Peoria, IL	128
Chicago, IL	Cook, IL	Piatt, IL	131
Chicago, IL	Cook, IL	Porter, IN	42
Chicago, IL	Cook, IL	Pulaski, IN	76
Chicago, IL	Cook, IL	Putnam, IL	91
Chicago, IL	Cook, IL	Racine, WI	65
Chicago, IL	Cook, IL	Rock Island, IL	133
Chicago, IL	Cook, IL	Rock, WI	90
Chicago, IL	Cook, IL	Sauk, WI	154
Chicago, IL	Cook, IL	Sheboygan, WI	132
Chicago, IL	Cook, IL	St. Joseph, IN	78
Chicago, IL	Cook, IL	Stark, IL	117
Chicago, IL	Cook, IL	Starke, IN	69
Chicago, IL	Cook, IL	Stephenson, IL	105
Chicago, IL	Cook, IL	Tazewell, IL	129
Chicago, IL	Cook, IL	Tippecanoe, IN	108
Chicago, IL	Cook, IL	Van Buren, MI	92
Chicago, IL	Cook, IL	Vermilion, IL	113
Chicago, IL	Cook, IL	Vermillion, IN	135
Chicago, IL	Cook, IL	Wabash, IN	122
Chicago, IL	Cook, IL	Walworth, WI	72
Chicago, IL	Cook, IL	Warren, IN	106
Chicago, IL	Cook, IL	Washington, WI	110
Chicago, IL	Cook, IL	Waukesha, WI	88
Chicago, IL	Cook, IL	White, IN	88
Chicago, IL	Cook, IL	Whiteside, IL	113
Chicago, IL	Cook, IL	Will, IL	25
Chicago, IL	Cook, IL	Winnebago, IL	81
Chicago, IL	Cook, IL	Woodford, IL	106
Chicago, IL	Lake, IN	Benton, IN	58
Chicago, IL	Lake, IN	Berrien, MI	64
Chicago, IL	Lake, IN	Boone, IL	97

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Chicago, IL	Lake, IN	Bureau, IL	111
Chicago, IL	Lake, IN	Carroll, IL	139
Chicago, IL	Lake, IN	Carroll, IN	72
Chicago, IL	Lake, IN	Cass, IN	71
Chicago, IL	Lake, IN	Cass, MI	79
Chicago, IL	Lake, IN	Champaign, IL	100
Chicago, IL	Lake, IN	Clinton, IA	166
Chicago, IL	Lake, IN	Clinton, IN	91
Chicago, IL	Lake, IN	Columbia, WI	171
Chicago, IL	Lake, IN	Cook, IL	32
Chicago, IL	Lake, IN	Dane, WI	154
Chicago, IL	Lake, IN	De Witt, IL	119
Chicago, IL	Lake, IN	DeKalb, IL	79
Chicago, IL	Lake, IN	Dodge, WI	153
Chicago, IL	Lake, IN	Douglas, IL	124
Chicago, IL	Lake, IN	DuPage, IL	46
Chicago, IL	Lake, IN	Edgar, IL	123
Chicago, IL	Lake, IN	Elkhart, IN	79
Chicago, IL	Lake, IN	Fond du Lac, WI	170
Chicago, IL	Lake, IN	Ford, IL	66
Chicago, IL	Lake, IN	Fountain, IN	89
Chicago, IL	Lake, IN	Fulton, IN	67
Chicago, IL	Lake, IN	Green Lake, WI	184
Chicago, IL	Lake, IN	Green, WI	143
Chicago, IL	Lake, IN	Grundy, IL	55
Chicago, IL	Lake, IN	Henry, IL	144
Chicago, IL	Lake, IN	Howard, IN	94
Chicago, IL	Lake, IN	Iowa, WI	178
Chicago, IL	Lake, IN	Iroquois, IL	53
Chicago, IL	Lake, IN	Jackson, IA	176
Chicago, IL	Lake, IN	Jasper, IN	33
Chicago, IL	Lake, IN	Jefferson, WI	131
Chicago, IL	Lake, IN	Jo Daviess, IL	158
Chicago, IL	Lake, IN	Kane, IL	65
Chicago, IL	Lake, IN	Kankakee, IL	33
Chicago, IL	Lake, IN	Kendall, IL	56
Chicago, IL	Lake, IN	Kenosha, WI	87
Chicago, IL	Lake, IN	Kosciusko, IN	80
Chicago, IL	Lake, IN	La Salle, IL	79
Chicago, IL	Lake, IN	Lafayette, WI	165
Chicago, IL	Lake, IN	Lake, IL	70
Chicago, IL	Lake, IN	Lake, IN	12
Chicago, IL	Lake, IN	LaPorte, IN	34
Chicago, IL	Lake, IN	Lee, IL	101
Chicago, IL	Lake, IN	Livingston, IL	75
Chicago, IL	Lake, IN	Logan, IL	139
Chicago, IL	Lake, IN	Marshall, IL	106
Chicago, IL	Lake, IN	Marshall, IN	58
Chicago, IL	Lake, IN	McHenry, IL	83

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Chicago, IL	Lake, IN	McLean, IL	100
Chicago, IL	Lake, IN	Miami, IN	82
Chicago, IL	Lake, IN	Milwaukee, WI	114
Chicago, IL	Lake, IN	Montgomery, IN	100
Chicago, IL	Lake, IN	Newton, IN	32
Chicago, IL	Lake, IN	Ogle, IL	109
Chicago, IL	Lake, IN	Ozaukee, WI	137
Chicago, IL	Lake, IN	Peoria, IL	134
Chicago, IL	Lake, IN	Piatt, IL	116
Chicago, IL	Lake, IN	Porter, IN	16
Chicago, IL	Lake, IN	Pulaski, IN	45
Chicago, IL	Lake, IN	Putnam, IL	102
Chicago, IL	Lake, IN	Racine, WI	96
Chicago, IL	Lake, IN	Rock Island, IL	152
Chicago, IL	Lake, IN	Rock, WI	122
Chicago, IL	Lake, IN	Sauk, WI	187
Chicago, IL	Lake, IN	Sheboygan, WI	160
Chicago, IL	Lake, IN	St. Joseph, IN	58
Chicago, IL	Lake, IN	Stark, IL	129
Chicago, IL	Lake, IN	Starke, IN	40
Chicago, IL	Lake, IN	Stephenson, IL	134
Chicago, IL	Lake, IN	Tazewell, IL	130
Chicago, IL	Lake, IN	Tippecanoe, IN	77
Chicago, IL	Lake, IN	Van Buren, MI	88
Chicago, IL	Lake, IN	Vermilion, IL	89
Chicago, IL	Lake, IN	Vermillion, IN	108
Chicago, IL	Lake, IN	Wabash, IN	92
Chicago, IL	Lake, IN	Walworth, WI	104
Chicago, IL	Lake, IN	Warren, IN	79
Chicago, IL	Lake, IN	Washington, WI	140
Chicago, IL	Lake, IN	Waukesha, WI	119
Chicago, IL	Lake, IN	White, IN	56
Chicago, IL	Lake, IN	Whiteside, IL	134
Chicago, IL	Lake, IN	Will, IL	27
Chicago, IL	Lake, IN	Winnebago, IL	111
Chicago, IL	Lake, IN	Woodford, IL	108
Chicago, IL	Will, IL	Benton, IN	67
Chicago, IL	Will, IL	Berrien, MI	86
Chicago, IL	Will, IL	Boone, IL	76
Chicago, IL	Will, IL	Bureau, IL	84
Chicago, IL	Will, IL	Carroll, IL	113
Chicago, IL	Will, IL	Carroll, IN	92
Chicago, IL	Will, IL	Cass, IN	94
Chicago, IL	Will, IL	Cass, MI	103
Chicago, IL	Will, IL	Champaign, IL	93
Chicago, IL	Will, IL	Clinton, IA	140
Chicago, IL	Will, IL	Clinton, IN	109
Chicago, IL	Will, IL	Columbia, WI	156
Chicago, IL	Will, IL	Cook, IL	25

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Chicago, IL	Will, IL	Dane, WI	136
Chicago, IL	Will, IL	De Witt, IL	105
Chicago, IL	Will, IL	DeKalb, IL	54
Chicago, IL	Will, IL	Dodge, WI	141
Chicago, IL	Will, IL	Douglas, IL	119
Chicago, IL	Will, IL	DuPage, IL	28
Chicago, IL	Will, IL	Edgar, IL	124
Chicago, IL	Will, IL	Elkhart, IN	106
Chicago, IL	Will, IL	Fond du Lac, WI	161
Chicago, IL	Will, IL	Ford, IL	55
Chicago, IL	Will, IL	Fountain, IN	96
Chicago, IL	Will, IL	Fulton, IN	92
Chicago, IL	Will, IL	Green Lake, WI	172
Chicago, IL	Will, IL	Green, WI	122
Chicago, IL	Will, IL	Grundy, IL	30
Chicago, IL	Will, IL	Henry, IL	117
Chicago, IL	Will, IL	Howard, IN	115
Chicago, IL	Will, IL	Iowa, WI	157
Chicago, IL	Will, IL	Iroquois, IL	50
Chicago, IL	Will, IL	Jackson, IA	150
Chicago, IL	Will, IL	Jasper, IN	52
Chicago, IL	Will, IL	Jefferson, WI	117
Chicago, IL	Will, IL	Jo Daviess, IL	133
Chicago, IL	Will, IL	Kane, IL	43
Chicago, IL	Will, IL	Kankakee, IL	22
Chicago, IL	Will, IL	Kendall, IL	29
Chicago, IL	Will, IL	Kenosha, WI	78
Chicago, IL	Will, IL	Kosciusko, IN	107
Chicago, IL	Will, IL	La Salle, IL	53
Chicago, IL	Will, IL	Lafayette, WI	142
Chicago, IL	Will, IL	Lake, IL	60
Chicago, IL	Will, IL	Lake, IN	27
Chicago, IL	Will, IL	LaPorte, IN	60
Chicago, IL	Will, IL	Lee, IL	75
Chicago, IL	Will, IL	Livingston, IL	55
Chicago, IL	Will, IL	Logan, IL	121
Chicago, IL	Will, IL	Marshall, IL	81
Chicago, IL	Will, IL	Marshall, IN	85
Chicago, IL	Will, IL	McHenry, IL	66
Chicago, IL	Will, IL	McLean, IL	83
Chicago, IL	Will, IL	Miami, IN	107
Chicago, IL	Will, IL	Milwaukee, WI	107
Chicago, IL	Will, IL	Montgomery, IN	112
Chicago, IL	Will, IL	Newton, IN	42
Chicago, IL	Will, IL	Ogle, IL	84
Chicago, IL	Will, IL	Ozaukee, WI	132
Chicago, IL	Will, IL	Peoria, IL	110
Chicago, IL	Will, IL	Piatt, IL	106
Chicago, IL	Will, IL	Porter, IN	42

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Chicago, IL	Will, IL	Pulaski, IN	68
Chicago, IL	Will, IL	Putnam, IL	76
Chicago, IL	Will, IL	Racine, WI	88
Chicago, IL	Will, IL	Rock Island, IL	125
Chicago, IL	Will, IL	Rock, WI	103
Chicago, IL	Will, IL	Sauk, WI	168
Chicago, IL	Will, IL	Sheboygan, WI	156
Chicago, IL	Will, IL	St. Joseph, IN	84
Chicago, IL	Will, IL	Stark, IL	103
Chicago, IL	Will, IL	Starke, IN	67
Chicago, IL	Will, IL	Stephenson, IL	110
Chicago, IL	Will, IL	Tazewell, IL	108
Chicago, IL	Will, IL	Tippecanoe, IN	91
Chicago, IL	Will, IL	Van Buren, MI	108
Chicago, IL	Will, IL	Vermilion, IL	89
Chicago, IL	Will, IL	Vermillion, IN	112
Chicago, IL	Will, IL	Wabash, IN	117
Chicago, IL	Will, IL	Walworth, WI	90
Chicago, IL	Will, IL	Warren, IN	85
Chicago, IL	Will, IL	Washington, WI	133
Chicago, IL	Will, IL	Waukesha, WI	110
Chicago, IL	Will, IL	White, IN	74
Chicago, IL	Will, IL	Whiteside, IL	108
Chicago, IL	Will, IL	Will, IL	15
Chicago, IL	Will, IL	Winnebago, IL	89
Chicago, IL	Will, IL	Woodford, IL	86
Chico, CA	Butte, CA	Alameda, CA	142
Chico, CA	Butte, CA	Alpine, CA	120
Chico, CA	Butte, CA	Amador, CA	99
Chico, CA	Butte, CA	Butte, CA	23
Chico, CA	Butte, CA	Calaveras, CA	118
Chico, CA	Butte, CA	Carson, NV	107
Chico, CA	Butte, CA	Churchill, NV	175
Chico, CA	Butte, CA	Colusa, CA	51
Chico, CA	Butte, CA	Contra Costa, CA	127
Chico, CA	Butte, CA	Crook, OR	312
Chico, CA	Butte, CA	Curry, OR	234
Chico, CA	Butte, CA	Del Norte, CA	182
Chico, CA	Butte, CA	Deschutes, OR	296
Chico, CA	Butte, CA	Douglas, NV	124
Chico, CA	Butte, CA	Douglas, OR	258
Chico, CA	Butte, CA	El Dorado, CA	86
Chico, CA	Butte, CA	Elko, NV	332
Chico, CA	Butte, CA	Esmeralda, NV	252
Chico, CA	Butte, CA	Fresno, CA	231
Chico, CA	Butte, CA	Glenn, CA	46
Chico, CA	Butte, CA	Grant, OR	354
Chico, CA	Butte, CA	Harney, OR	263
Chico, CA	Butte, CA	Humboldt, CA	141

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Chico, CA	Butte, CA	Humboldt, NV	210
Chico, CA	Butte, CA	Inyo, CA	308
Chico, CA	Butte, CA	Jackson, OR	201
Chico, CA	Butte, CA	Josephine, OR	213
Chico, CA	Butte, CA	Klamath, OR	213
Chico, CA	Butte, CA	Lake, CA	77
Chico, CA	Butte, CA	Lake, OR	219
Chico, CA	Butte, CA	Lander, NV	242
Chico, CA	Butte, CA	Lane, OR	293
Chico, CA	Butte, CA	Lassen, CA	70
Chico, CA	Butte, CA	Lyon, NV	139
Chico, CA	Butte, CA	Madera, CA	200
Chico, CA	Butte, CA	Malheur, OR	317
Chico, CA	Butte, CA	Marin, CA	130
Chico, CA	Butte, CA	Mariposa, CA	175
Chico, CA	Butte, CA	Mendocino, CA	102
Chico, CA	Butte, CA	Merced, CA	183
Chico, CA	Butte, CA	Mineral, NV	196
Chico, CA	Butte, CA	Modoc, CA	137
Chico, CA	Butte, CA	Mono, CA	178
Chico, CA	Butte, CA	Napa, CA	93
Chico, CA	Butte, CA	Nevada, CA	44
Chico, CA	Butte, CA	Nye, NV	311
Chico, CA	Butte, CA	Owyhee, ID	352
Chico, CA	Butte, CA	Pershing, NV	181
Chico, CA	Butte, CA	Placer, CA	67
Chico, CA	Butte, CA	Plumas, CA	46
Chico, CA	Butte, CA	Sacramento, CA	95
Chico, CA	Butte, CA	San Francisco, CA	143
Chico, CA	Butte, CA	San Joaquin, CA	128
Chico, CA	Butte, CA	Santa Clara, CA	175
Chico, CA	Butte, CA	Shasta, CA	74
Chico, CA	Butte, CA	Sierra, CA	58
Chico, CA	Butte, CA	Siskiyou, CA	133
Chico, CA	Butte, CA	Solano, CA	101
Chico, CA	Butte, CA	Sonoma, CA	110
Chico, CA	Butte, CA	Stanislaus, CA	151
Chico, CA	Butte, CA	Storey, NV	111
Chico, CA	Butte, CA	Sutter, CA	49
Chico, CA	Butte, CA	Tehama, CA	43
Chico, CA	Butte, CA	Trinity, CA	105
Chico, CA	Butte, CA	Tuolumne, CA	149
Chico, CA	Butte, CA	Washoe, NV	118
Chico, CA	Butte, CA	Yolo, CA	78
Chico, CA	Butte, CA	Yuba, CA	32
Cincinnati, OH	Butler, OH	Adams, IN	92
Cincinnati, OH	Butler, OH	Adams, OH	73
Cincinnati, OH	Butler, OH	Anderson, KY	101
Cincinnati, OH	Butler, OH	Auglaize, OH	77

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Cincinnati, OH	Butler, OH	Bartholomew, IN	72
Cincinnati, OH	Butler, OH	Bath, KY	99
Cincinnati, OH	Butler, OH	Blackford, IN	82
Cincinnati, OH	Butler, OH	Boone, KY	34
Cincinnati, OH	Butler, OH	Bourbon, KY	87
Cincinnati, OH	Butler, OH	Bracken, KY	58
Cincinnati, OH	Butler, OH	Brown, IN	90
Cincinnati, OH	Butler, OH	Brown, OH	52
Cincinnati, OH	Butler, OH	Butler, OH	12
Cincinnati, OH	Butler, OH	Campbell, KY	35
Cincinnati, OH	Butler, OH	Carroll, KY	60
Cincinnati, OH	Butler, OH	Carter, KY	114
Cincinnati, OH	Butler, OH	Champaign, OH	65
Cincinnati, OH	Butler, OH	Clark, IN	96
Cincinnati, OH	Butler, OH	Clark, KY	104
Cincinnati, OH	Butler, OH	Clark, OH	52
Cincinnati, OH	Butler, OH	Clermont, OH	36
Cincinnati, OH	Butler, OH	Clinton, OH	42
Cincinnati, OH	Butler, OH	Darke, OH	48
Cincinnati, OH	Butler, OH	Dearborn, IN	30
Cincinnati, OH	Butler, OH	Decatur, IN	50
Cincinnati, OH	Butler, OH	Delaware, IN	70
Cincinnati, OH	Butler, OH	Delaware, OH	102
Cincinnati, OH	Butler, OH	Fairfield, OH	107
Cincinnati, OH	Butler, OH	Fayette, IN	35
Cincinnati, OH	Butler, OH	Fayette, KY	98
Cincinnati, OH	Butler, OH	Fayette, OH	62
Cincinnati, OH	Butler, OH	Fleming, KY	89
Cincinnati, OH	Butler, OH	Floyd, IN	106
Cincinnati, OH	Butler, OH	Franklin, IN	26
Cincinnati, OH	Butler, OH	Franklin, KY	85
Cincinnati, OH	Butler, OH	Franklin, OH	91
Cincinnati, OH	Butler, OH	Gallatin, KY	50
Cincinnati, OH	Butler, OH	Grant, KY	56
Cincinnati, OH	Butler, OH	Greene, OH	41
Cincinnati, OH	Butler, OH	Greenup, KY	106
Cincinnati, OH	Butler, OH	Hamilton, IN	90
Cincinnati, OH	Butler, OH	Hamilton, OH	19
Cincinnati, OH	Butler, OH	Hancock, IN	69
Cincinnati, OH	Butler, OH	Hardin, OH	98
Cincinnati, OH	Butler, OH	Harrison, KY	71
Cincinnati, OH	Butler, OH	Henry, IN	55
Cincinnati, OH	Butler, OH	Henry, KY	74
Cincinnati, OH	Butler, OH	Highland, OH	54
Cincinnati, OH	Butler, OH	Hocking, OH	113
Cincinnati, OH	Butler, OH	Jackson, IN	87
Cincinnati, OH	Butler, OH	Jackson, OH	109
Cincinnati, OH	Butler, OH	Jay, IN	73
Cincinnati, OH	Butler, OH	Jefferson, IN	67

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Cincinnati, OH	Butler, OH	Jefferson, KY	104
Cincinnati, OH	Butler, OH	Jennings, IN	64
Cincinnati, OH	Butler, OH	Jessamine, KY	109
Cincinnati, OH	Butler, OH	Johnson, IN	81
Cincinnati, OH	Butler, OH	Kenton, KY	34
Cincinnati, OH	Butler, OH	Lawrence, IN	110
Cincinnati, OH	Butler, OH	Lawrence, OH	122
Cincinnati, OH	Butler, OH	Lewis, KY	90
Cincinnati, OH	Butler, OH	Licking, OH	121
Cincinnati, OH	Butler, OH	Logan, OH	78
Cincinnati, OH	Butler, OH	Madison, IN	78
Cincinnati, OH	Butler, OH	Madison, KY	120
Cincinnati, OH	Butler, OH	Madison, OH	71
Cincinnati, OH	Butler, OH	Marion, IN	86
Cincinnati, OH	Butler, OH	Marion, OH	107
Cincinnati, OH	Butler, OH	Mason, KY	71
Cincinnati, OH	Butler, OH	Mercer, KY	113
Cincinnati, OH	Butler, OH	Mercer, OH	76
Cincinnati, OH	Butler, OH	Miami, OH	45
Cincinnati, OH	Butler, OH	Monroe, IN	106
Cincinnati, OH	Butler, OH	Montgomery, KY	103
Cincinnati, OH	Butler, OH	Montgomery, OH	26
Cincinnati, OH	Butler, OH	Nicholas, KY	83
Cincinnati, OH	Butler, OH	Ohio, IN	38
Cincinnati, OH	Butler, OH	Oldham, KY	86
Cincinnati, OH	Butler, OH	Owen, KY	64
Cincinnati, OH	Butler, OH	Pendleton, KY	52
Cincinnati, OH	Butler, OH	Pickaway, OH	83
Cincinnati, OH	Butler, OH	Pike, OH	84
Cincinnati, OH	Butler, OH	Preble, OH	21
Cincinnati, OH	Butler, OH	Randolph, IN	55
Cincinnati, OH	Butler, OH	Ripley, IN	44
Cincinnati, OH	Butler, OH	Robertson, KY	70
Cincinnati, OH	Butler, OH	Ross, OH	81
Cincinnati, OH	Butler, OH	Rowan, KY	105
Cincinnati, OH	Butler, OH	Rush, IN	49
Cincinnati, OH	Butler, OH	Scioto, OH	98
Cincinnati, OH	Butler, OH	Scott, IN	81
Cincinnati, OH	Butler, OH	Scott, KY	79
Cincinnati, OH	Butler, OH	Shelby, IN	65
Cincinnati, OH	Butler, OH	Shelby, KY	92
Cincinnati, OH	Butler, OH	Shelby, OH	65
Cincinnati, OH	Butler, OH	Switzerland, IN	49
Cincinnati, OH	Butler, OH	Trimble, KY	70
Cincinnati, OH	Butler, OH	Union, IN	22
Cincinnati, OH	Butler, OH	Union, OH	87
Cincinnati, OH	Butler, OH	Van Wert, OH	97
Cincinnati, OH	Butler, OH	Vinton, OH	112
Cincinnati, OH	Butler, OH	Warren, OH	22

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Cincinnati, OH	Butler, OH	Washington, IN	100
Cincinnati, OH	Butler, OH	Wayne, IN	37
Cincinnati, OH	Butler, OH	Wells, IN	96
Cincinnati, OH	Butler, OH	Woodford, KY	99
Cincinnati, OH	Hamilton, OH	Adams, IN	111
Cincinnati, OH	Hamilton, OH	Adams, OH	63
Cincinnati, OH	Hamilton, OH	Anderson, KY	83
Cincinnati, OH	Hamilton, OH	Auglaize, OH	95
Cincinnati, OH	Hamilton, OH	Bartholomew, IN	71
Cincinnati, OH	Hamilton, OH	Bath, KY	82
Cincinnati, OH	Hamilton, OH	Blackford, IN	99
Cincinnati, OH	Hamilton, OH	Boone, KY	17
Cincinnati, OH	Hamilton, OH	Bourbon, KY	68
Cincinnati, OH	Hamilton, OH	Bracken, KY	42
Cincinnati, OH	Hamilton, OH	Brown, IN	90
Cincinnati, OH	Hamilton, OH	Brown, OH	41
Cincinnati, OH	Hamilton, OH	Butler, OH	19
Cincinnati, OH	Hamilton, OH	Campbell, KY	17
Cincinnati, OH	Hamilton, OH	Carroll, KY	45
Cincinnati, OH	Hamilton, OH	Carter, KY	101
Cincinnati, OH	Hamilton, OH	Champaign, OH	80
Cincinnati, OH	Hamilton, OH	Clark, IN	84
Cincinnati, OH	Hamilton, OH	Clark, KY	86
Cincinnati, OH	Hamilton, OH	Clark, OH	65
Cincinnati, OH	Hamilton, OH	Clermont, OH	23
Cincinnati, OH	Hamilton, OH	Clinton, OH	44
Cincinnati, OH	Hamilton, OH	Darke, OH	67
Cincinnati, OH	Hamilton, OH	Dearborn, IN	22
Cincinnati, OH	Hamilton, OH	Decatur, IN	51
Cincinnati, OH	Hamilton, OH	Delaware, IN	86
Cincinnati, OH	Hamilton, OH	Delaware, OH	113
Cincinnati, OH	Hamilton, OH	Fairfield, OH	111
Cincinnati, OH	Hamilton, OH	Fayette, IN	47
Cincinnati, OH	Hamilton, OH	Fayette, KY	79
Cincinnati, OH	Hamilton, OH	Fayette, OH	66
Cincinnati, OH	Hamilton, OH	Fleming, KY	73
Cincinnati, OH	Hamilton, OH	Floyd, IN	94
Cincinnati, OH	Hamilton, OH	Franklin, IN	31
Cincinnati, OH	Hamilton, OH	Franklin, KY	67
Cincinnati, OH	Hamilton, OH	Franklin, OH	99
Cincinnati, OH	Hamilton, OH	Gallatin, KY	34
Cincinnati, OH	Hamilton, OH	Grant, KY	37
Cincinnati, OH	Hamilton, OH	Greene, OH	52
Cincinnati, OH	Hamilton, OH	Greenup, KY	96
Cincinnati, OH	Hamilton, OH	Hamilton, IN	101
Cincinnati, OH	Hamilton, OH	Hamilton, OH	11
Cincinnati, OH	Hamilton, OH	Hancock, IN	79
Cincinnati, OH	Hamilton, OH	Hardin, OH	114
Cincinnati, OH	Hamilton, OH	Harrison, KY	52

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Cincinnati, OH	Hamilton, OH	Henry, IN	69
Cincinnati, OH	Hamilton, OH	Henry, KY	58
Cincinnati, OH	Hamilton, OH	Highland, OH	51
Cincinnati, OH	Hamilton, OH	Hocking, OH	114
Cincinnati, OH	Hamilton, OH	Jackson, IN	82
Cincinnati, OH	Hamilton, OH	Jackson, OH	105
Cincinnati, OH	Hamilton, OH	Jay, IN	91
Cincinnati, OH	Hamilton, OH	Jefferson, IN	56
Cincinnati, OH	Hamilton, OH	Jefferson, KY	90
Cincinnati, OH	Hamilton, OH	Jennings, IN	58
Cincinnati, OH	Hamilton, OH	Jessamine, KY	90
Cincinnati, OH	Hamilton, OH	Johnson, IN	86
Cincinnati, OH	Hamilton, OH	Kenton, KY	15
Cincinnati, OH	Hamilton, OH	Lawrence, IN	106
Cincinnati, OH	Hamilton, OH	Lawrence, OH	114
Cincinnati, OH	Hamilton, OH	Lewis, KY	77
Cincinnati, OH	Hamilton, OH	Licking, OH	128
Cincinnati, OH	Hamilton, OH	Logan, OH	94
Cincinnati, OH	Hamilton, OH	Madison, IN	93
Cincinnati, OH	Hamilton, OH	Madison, KY	101
Cincinnati, OH	Hamilton, OH	Madison, OH	80
Cincinnati, OH	Hamilton, OH	Marion, IN	94
Cincinnati, OH	Hamilton, OH	Marion, OH	121
Cincinnati, OH	Hamilton, OH	Mason, KY	56
Cincinnati, OH	Hamilton, OH	Mercer, KY	94
Cincinnati, OH	Hamilton, OH	Mercer, OH	95
Cincinnati, OH	Hamilton, OH	Miami, OH	63
Cincinnati, OH	Hamilton, OH	Monroe, IN	106
Cincinnati, OH	Hamilton, OH	Montgomery, KY	85
Cincinnati, OH	Hamilton, OH	Montgomery, OH	43
Cincinnati, OH	Hamilton, OH	Nicholas, KY	66
Cincinnati, OH	Hamilton, OH	Ohio, IN	25
Cincinnati, OH	Hamilton, OH	Oldham, KY	72
Cincinnati, OH	Hamilton, OH	Owen, KY	46
Cincinnati, OH	Hamilton, OH	Pendleton, KY	34
Cincinnati, OH	Hamilton, OH	Pickaway, OH	87
Cincinnati, OH	Hamilton, OH	Pike, OH	79
Cincinnati, OH	Hamilton, OH	Preble, OH	40
Cincinnati, OH	Hamilton, OH	Randolph, IN	73
Cincinnati, OH	Hamilton, OH	Ripley, IN	38
Cincinnati, OH	Hamilton, OH	Robertson, KY	52
Cincinnati, OH	Hamilton, OH	Ross, OH	81
Cincinnati, OH	Hamilton, OH	Rowan, KY	90
Cincinnati, OH	Hamilton, OH	Rush, IN	58
Cincinnati, OH	Hamilton, OH	Scioto, OH	90
Cincinnati, OH	Hamilton, OH	Scott, IN	72
Cincinnati, OH	Hamilton, OH	Scott, KY	60
Cincinnati, OH	Hamilton, OH	Shelby, IN	70
Cincinnati, OH	Hamilton, OH	Shelby, KY	76

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Cincinnati, OH	Hamilton, OH	Shelby, OH	83
Cincinnati, OH	Hamilton, OH	Switzerland, IN	35
Cincinnati, OH	Hamilton, OH	Trimble, KY	57
Cincinnati, OH	Hamilton, OH	Union, IN	37
Cincinnati, OH	Hamilton, OH	Union, OH	100
Cincinnati, OH	Hamilton, OH	Van Wert, OH	116
Cincinnati, OH	Hamilton, OH	Vinton, OH	110
Cincinnati, OH	Hamilton, OH	Warren, OH	27
Cincinnati, OH	Hamilton, OH	Washington, IN	92
Cincinnati, OH	Hamilton, OH	Wayne, IN	54
Cincinnati, OH	Hamilton, OH	Wells, IN	114
Cincinnati, OH	Hamilton, OH	Woodford, KY	80
Clarksville, TN	Montgomery, TN	Alcorn, MS	130
Clarksville, TN	Montgomery, TN	Allen, KY	67
Clarksville, TN	Montgomery, TN	Ballard, KY	100
Clarksville, TN	Montgomery, TN	Barren, KY	85
Clarksville, TN	Montgomery, TN	Bedford, TN	84
Clarksville, TN	Montgomery, TN	Benton, TN	48
Clarksville, TN	Montgomery, TN	Breckinridge, KY	106
Clarksville, TN	Montgomery, TN	Butler, KY	63
Clarksville, TN	Montgomery, TN	Caldwell, KY	55
Clarksville, TN	Montgomery, TN	Calloway, KY	51
Clarksville, TN	Montgomery, TN	Cannon, TN	87
Clarksville, TN	Montgomery, TN	Carlisle, KY	93
Clarksville, TN	Montgomery, TN	Carroll, TN	70
Clarksville, TN	Montgomery, TN	Cheatham, TN	22
Clarksville, TN	Montgomery, TN	Chester, TN	101
Clarksville, TN	Montgomery, TN	Christian, KY	30
Clarksville, TN	Montgomery, TN	Clay, TN	102
Clarksville, TN	Montgomery, TN	Clinton, KY	126
Clarksville, TN	Montgomery, TN	Coffee, TN	100
Clarksville, TN	Montgomery, TN	Crittenden, KY	71
Clarksville, TN	Montgomery, TN	Crockett, TN	111
Clarksville, TN	Montgomery, TN	Cumberland, KY	111
Clarksville, TN	Montgomery, TN	Davidson, TN	38
Clarksville, TN	Montgomery, TN	Daviess, KY	89
Clarksville, TN	Montgomery, TN	De Kalb, TN	92
Clarksville, TN	Montgomery, TN	Decatur, TN	73
Clarksville, TN	Montgomery, TN	Dickson, TN	23
Clarksville, TN	Montgomery, TN	Dyer, TN	119
Clarksville, TN	Montgomery, TN	Edmonson, KY	80
Clarksville, TN	Montgomery, TN	Franklin, TN	115
Clarksville, TN	Montgomery, TN	Fulton, KY	94
Clarksville, TN	Montgomery, TN	Gallatin, IL	99
Clarksville, TN	Montgomery, TN	Gibson, TN	94
Clarksville, TN	Montgomery, TN	Giles, TN	89
Clarksville, TN	Montgomery, TN	Graves, KY	73
Clarksville, TN	Montgomery, TN	Grayson, KY	89
Clarksville, TN	Montgomery, TN	Grundy, TN	121

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Clarksville, TN	Montgomery, TN	Hancock, KY	99
Clarksville, TN	Montgomery, TN	Hardeman, TN	126
Clarksville, TN	Montgomery, TN	Hardin, IL	86
Clarksville, TN	Montgomery, TN	Hardin, KY	117
Clarksville, TN	Montgomery, TN	Hardin, TN	99
Clarksville, TN	Montgomery, TN	Hart, KY	99
Clarksville, TN	Montgomery, TN	Haywood, TN	122
Clarksville, TN	Montgomery, TN	Henderson, KY	93
Clarksville, TN	Montgomery, TN	Henderson, TN	83
Clarksville, TN	Montgomery, TN	Henry, TN	54
Clarksville, TN	Montgomery, TN	Hickman, KY	91
Clarksville, TN	Montgomery, TN	Hickman, TN	47
Clarksville, TN	Montgomery, TN	Hopkins, KY	61
Clarksville, TN	Montgomery, TN	Houston, TN	25
Clarksville, TN	Montgomery, TN	Humphreys, TN	39
Clarksville, TN	Montgomery, TN	Jackson, TN	95
Clarksville, TN	Montgomery, TN	Lake, TN	117
Clarksville, TN	Montgomery, TN	Lauderdale, AL	112
Clarksville, TN	Montgomery, TN	Lawrence, TN	86
Clarksville, TN	Montgomery, TN	Lewis, TN	66
Clarksville, TN	Montgomery, TN	Limestone, AL	119
Clarksville, TN	Montgomery, TN	Lincoln, TN	100
Clarksville, TN	Montgomery, TN	Livingston, KY	73
Clarksville, TN	Montgomery, TN	Logan, KY	38
Clarksville, TN	Montgomery, TN	Lyon, KY	55
Clarksville, TN	Montgomery, TN	Macon, TN	75
Clarksville, TN	Montgomery, TN	Madison, AL	129
Clarksville, TN	Montgomery, TN	Madison, TN	102
Clarksville, TN	Montgomery, TN	Marshall, KY	61
Clarksville, TN	Montgomery, TN	Marshall, TN	76
Clarksville, TN	Montgomery, TN	Massac, IL	89
Clarksville, TN	Montgomery, TN	Maury, TN	61
Clarksville, TN	Montgomery, TN	Mc Nairy, TN	112
Clarksville, TN	Montgomery, TN	McCracken, KY	86
Clarksville, TN	Montgomery, TN	McLean, KY	73
Clarksville, TN	Montgomery, TN	Meade, KY	123
Clarksville, TN	Montgomery, TN	Metcalfe, KY	103
Clarksville, TN	Montgomery, TN	Mississippi, MO	111
Clarksville, TN	Montgomery, TN	Monroe, KY	93
Clarksville, TN	Montgomery, TN	Montgomery, TN	13
Clarksville, TN	Montgomery, TN	Moore, TN	101
Clarksville, TN	Montgomery, TN	Muhlenberg, KY	54
Clarksville, TN	Montgomery, TN	Obion, TN	101
Clarksville, TN	Montgomery, TN	Ohio, KY	74
Clarksville, TN	Montgomery, TN	Overton, TN	115
Clarksville, TN	Montgomery, TN	Perry, IN	117
Clarksville, TN	Montgomery, TN	Perry, TN	65
Clarksville, TN	Montgomery, TN	Pickett, TN	123
Clarksville, TN	Montgomery, TN	Pope, IL	90

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Clarksville, TN	Montgomery, TN	Posey, IN	109
Clarksville, TN	Montgomery, TN	Pulaski, IL	111
Clarksville, TN	Montgomery, TN	Putnam, TN	109
Clarksville, TN	Montgomery, TN	Robertson, TN	27
Clarksville, TN	Montgomery, TN	Rutherford, TN	69
Clarksville, TN	Montgomery, TN	Saline, IL	109
Clarksville, TN	Montgomery, TN	Simpson, KY	48
Clarksville, TN	Montgomery, TN	Smith, TN	79
Clarksville, TN	Montgomery, TN	Spencer, IN	107
Clarksville, TN	Montgomery, TN	Stewart, TN	26
Clarksville, TN	Montgomery, TN	Sumner, TN	50
Clarksville, TN	Montgomery, TN	Tishomingo, MS	130
Clarksville, TN	Montgomery, TN	Todd, KY	28
Clarksville, TN	Montgomery, TN	Trigg, KY	38
Clarksville, TN	Montgomery, TN	Trousdale, TN	69
Clarksville, TN	Montgomery, TN	Union, KY	89
Clarksville, TN	Montgomery, TN	Vanderburgh, IN	106
Clarksville, TN	Montgomery, TN	Warren, KY	64
Clarksville, TN	Montgomery, TN	Warren, TN	104
Clarksville, TN	Montgomery, TN	Warrick, IN	110
Clarksville, TN	Montgomery, TN	Wayne, TN	88
Clarksville, TN	Montgomery, TN	Weakley, TN	78
Clarksville, TN	Montgomery, TN	Webster, KY	73
Clarksville, TN	Montgomery, TN	White, TN	114
Clarksville, TN	Montgomery, TN	Williamson, TN	49
Clarksville, TN	Montgomery, TN	Wilson, TN	62
Cleveland, OH	Cuyahoga, OH	Allegheny, PA	112
Cleveland, OH	Cuyahoga, OH	Allen, OH	136
Cleveland, OH	Cuyahoga, OH	Armstrong, PA	123
Cleveland, OH	Cuyahoga, OH	Ashland, OH	54
Cleveland, OH	Cuyahoga, OH	Ashtabula, OH	52
Cleveland, OH	Cuyahoga, OH	Beaver, PA	89
Cleveland, OH	Cuyahoga, OH	Belmont, OH	106
Cleveland, OH	Cuyahoga, OH	Brooke, WV	100
Cleveland, OH	Cuyahoga, OH	Butler, PA	99
Cleveland, OH	Cuyahoga, OH	Carroll, OH	68
Cleveland, OH	Cuyahoga, OH	Cattaraugus, NY	164
Cleveland, OH	Cuyahoga, OH	Chautauqua, NY	131
Cleveland, OH	Cuyahoga, OH	Clarion, PA	118
Cleveland, OH	Cuyahoga, OH	Columbiana, OH	66
Cleveland, OH	Cuyahoga, OH	Coshocton, OH	80
Cleveland, OH	Cuyahoga, OH	Crawford, OH	77
Cleveland, OH	Cuyahoga, OH	Crawford, PA	85
Cleveland, OH	Cuyahoga, OH	Cuyahoga, OH	11
Cleveland, OH	Cuyahoga, OH	Delaware, OH	106
Cleveland, OH	Cuyahoga, OH	Elk, PA	152
Cleveland, OH	Cuyahoga, OH	Erie, NY	179
Cleveland, OH	Cuyahoga, OH	Erie, OH	58
Cleveland, OH	Cuyahoga, OH	Erie, PA	96

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Cleveland, OH	Cuyahoga, OH	Fairfield, OH	128
Cleveland, OH	Cuyahoga, OH	Forest, PA	127
Cleveland, OH	Cuyahoga, OH	Franklin, OH	124
Cleveland, OH	Cuyahoga, OH	Geauga, OH	26
Cleveland, OH	Cuyahoga, OH	Guernsey, OH	99
Cleveland, OH	Cuyahoga, OH	Hancock, OH	107
Cleveland, OH	Cuyahoga, OH	Hancock, WV	87
Cleveland, OH	Cuyahoga, OH	Hardin, OH	116
Cleveland, OH	Cuyahoga, OH	Harrison, OH	86
Cleveland, OH	Cuyahoga, OH	Henry, OH	124
Cleveland, OH	Cuyahoga, OH	Holmes, OH	63
Cleveland, OH	Cuyahoga, OH	Huron, OH	52
Cleveland, OH	Cuyahoga, OH	Jefferson, OH	89
Cleveland, OH	Cuyahoga, OH	Knox, OH	82
Cleveland, OH	Cuyahoga, OH	Lake, OH	29
Cleveland, OH	Cuyahoga, OH	Lawrence, PA	78
Cleveland, OH	Cuyahoga, OH	Licking, OH	103
Cleveland, OH	Cuyahoga, OH	Lorain, OH	25
Cleveland, OH	Cuyahoga, OH	Lucas, OH	107
Cleveland, OH	Cuyahoga, OH	Mahoning, OH	57
Cleveland, OH	Cuyahoga, OH	Marion, OH	100
Cleveland, OH	Cuyahoga, OH	McKean, PA	162
Cleveland, OH	Cuyahoga, OH	Medina, OH	26
Cleveland, OH	Cuyahoga, OH	Mercer, PA	75
Cleveland, OH	Cuyahoga, OH	Morrow, OH	87
Cleveland, OH	Cuyahoga, OH	Muskingum, OH	104
Cleveland, OH	Cuyahoga, OH	Noble, OH	117
Cleveland, OH	Cuyahoga, OH	Ohio, WV	109
Cleveland, OH	Cuyahoga, OH	Ottawa, OH	81
Cleveland, OH	Cuyahoga, OH	Perry, OH	122
Cleveland, OH	Cuyahoga, OH	Portage, OH	32
Cleveland, OH	Cuyahoga, OH	Putnam, OH	130
Cleveland, OH	Cuyahoga, OH	Richland, OH	65
Cleveland, OH	Cuyahoga, OH	Sandusky, OH	75
Cleveland, OH	Cuyahoga, OH	Seneca, OH	79
Cleveland, OH	Cuyahoga, OH	Stark, OH	47
Cleveland, OH	Cuyahoga, OH	Summit, OH	24
Cleveland, OH	Cuyahoga, OH	Trumbull, OH	49
Cleveland, OH	Cuyahoga, OH	Tuscarawas, OH	71
Cleveland, OH	Cuyahoga, OH	Union, OH	120
Cleveland, OH	Cuyahoga, OH	Venango, PA	101
Cleveland, OH	Cuyahoga, OH	Warren, PA	127
Cleveland, OH	Cuyahoga, OH	Washington, PA	114
Cleveland, OH	Cuyahoga, OH	Wayne, OH	44
Cleveland, OH	Cuyahoga, OH	Wood, OH	102
Cleveland, OH	Cuyahoga, OH	Wyandot, OH	95
Cleveland, OH	Summit, OH	Allegheny, PA	94
Cleveland, OH	Summit, OH	Allen, OH	138
Cleveland, OH	Summit, OH	Armstrong, PA	111

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Cleveland, OH	Summit, OH	Ashland, OH	44
Cleveland, OH	Summit, OH	Ashtabula, OH	58
Cleveland, OH	Summit, OH	Beaver, PA	71
Cleveland, OH	Summit, OH	Belmont, OH	83
Cleveland, OH	Summit, OH	Brooke, WV	78
Cleveland, OH	Summit, OH	Butler, PA	86
Cleveland, OH	Summit, OH	Carroll, OH	45
Cleveland, OH	Summit, OH	Cattaraugus, NY	167
Cleveland, OH	Summit, OH	Chautauqua, NY	137
Cleveland, OH	Summit, OH	Clarion, PA	110
Cleveland, OH	Summit, OH	Columbiana, OH	46
Cleveland, OH	Summit, OH	Coshocton, OH	60
Cleveland, OH	Summit, OH	Crawford, OH	75
Cleveland, OH	Summit, OH	Crawford, PA	85
Cleveland, OH	Summit, OH	Cuyahoga, OH	24
Cleveland, OH	Summit, OH	Delaware, OH	96
Cleveland, OH	Summit, OH	Elk, PA	146
Cleveland, OH	Summit, OH	Erie, NY	186
Cleveland, OH	Summit, OH	Erie, OH	69
Cleveland, OH	Summit, OH	Erie, PA	102
Cleveland, OH	Summit, OH	Fairfield, OH	111
Cleveland, OH	Summit, OH	Forest, PA	122
Cleveland, OH	Summit, OH	Franklin, OH	111
Cleveland, OH	Summit, OH	Geauga, OH	33
Cleveland, OH	Summit, OH	Guernsey, OH	76
Cleveland, OH	Summit, OH	Hancock, OH	110
Cleveland, OH	Summit, OH	Hancock, WV	66
Cleveland, OH	Summit, OH	Hardin, OH	115
Cleveland, OH	Summit, OH	Harrison, OH	62
Cleveland, OH	Summit, OH	Henry, OH	132
Cleveland, OH	Summit, OH	Holmes, OH	44
Cleveland, OH	Summit, OH	Huron, OH	55
Cleveland, OH	Summit, OH	Jefferson, OH	67
Cleveland, OH	Summit, OH	Knox, OH	68
Cleveland, OH	Summit, OH	Lake, OH	43
Cleveland, OH	Summit, OH	Lawrence, PA	64
Cleveland, OH	Summit, OH	Licking, OH	87
Cleveland, OH	Summit, OH	Lorain, OH	32
Cleveland, OH	Summit, OH	Lucas, OH	119
Cleveland, OH	Summit, OH	Mahoning, OH	41
Cleveland, OH	Summit, OH	Marion, OH	94
Cleveland, OH	Summit, OH	McKean, PA	160
Cleveland, OH	Summit, OH	Medina, OH	20
Cleveland, OH	Summit, OH	Mercer, PA	67
Cleveland, OH	Summit, OH	Morrow, OH	78
Cleveland, OH	Summit, OH	Muskingum, OH	84
Cleveland, OH	Summit, OH	Noble, OH	94
Cleveland, OH	Summit, OH	Ohio, WV	86
Cleveland, OH	Summit, OH	Ottawa, OH	94

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Cleveland, OH	Summit, OH	Perry, OH	102
Cleveland, OH	Summit, OH	Portage, OH	18
Cleveland, OH	Summit, OH	Putnam, OH	134
Cleveland, OH	Summit, OH	Richland, OH	58
Cleveland, OH	Summit, OH	Sandusky, OH	85
Cleveland, OH	Summit, OH	Seneca, OH	83
Cleveland, OH	Summit, OH	Stark, OH	24
Cleveland, OH	Summit, OH	Summit, OH	11
Cleveland, OH	Summit, OH	Trumbull, OH	43
Cleveland, OH	Summit, OH	Tuscarawas, OH	48
Cleveland, OH	Summit, OH	Union, OH	113
Cleveland, OH	Summit, OH	Venango, PA	95
Cleveland, OH	Summit, OH	Warren, PA	126
Cleveland, OH	Summit, OH	Washington, PA	93
Cleveland, OH	Summit, OH	Wayne, OH	28
Cleveland, OH	Summit, OH	Wood, OH	111
Cleveland, OH	Summit, OH	Wyandot, OH	95
Columbus, GA	Muscogee, GA	Autauga, AL	104
Columbus, GA	Muscogee, GA	Baker, GA	88
Columbus, GA	Muscogee, GA	Barbour, AL	52
Columbus, GA	Muscogee, GA	Bay, FL	160
Columbus, GA	Muscogee, GA	Bibb, AL	135
Columbus, GA	Muscogee, GA	Bibb, GA	72
Columbus, GA	Muscogee, GA	Bullock, AL	57
Columbus, GA	Muscogee, GA	Butler, AL	118
Columbus, GA	Muscogee, GA	Butts, GA	78
Columbus, GA	Muscogee, GA	Calhoun, AL	105
Columbus, GA	Muscogee, GA	Calhoun, FL	146
Columbus, GA	Muscogee, GA	Calhoun, GA	68
Columbus, GA	Muscogee, GA	Carroll, GA	79
Columbus, GA	Muscogee, GA	Chambers, AL	43
Columbus, GA	Muscogee, GA	Chattahoochee, GA	9
Columbus, GA	Muscogee, GA	Cherokee, AL	129
Columbus, GA	Muscogee, GA	Chilton, AL	108
Columbus, GA	Muscogee, GA	Clarke, AL	184
Columbus, GA	Muscogee, GA	Clay, AL	78
Columbus, GA	Muscogee, GA	Clay, GA	60
Columbus, GA	Muscogee, GA	Clayton, GA	76
Columbus, GA	Muscogee, GA	Cleburne, AL	92
Columbus, GA	Muscogee, GA	Coffee, AL	100
Columbus, GA	Muscogee, GA	Conecuh, AL	141
Columbus, GA	Muscogee, GA	Coosa, AL	87
Columbus, GA	Muscogee, GA	Covington, AL	126
Columbus, GA	Muscogee, GA	Coweta, GA	60
Columbus, GA	Muscogee, GA	Crawford, GA	54
Columbus, GA	Muscogee, GA	Crenshaw, AL	98
Columbus, GA	Muscogee, GA	Crisp, GA	76
Columbus, GA	Muscogee, GA	Dale, AL	87
Columbus, GA	Muscogee, GA	Dallas, AL	132

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Columbus, GA	Muscogee, GA	Decatur, GA	112
Columbus, GA	Muscogee, GA	Dooly, GA	65
Columbus, GA	Muscogee, GA	Dougherty, GA	76
Columbus, GA	Muscogee, GA	Douglas, GA	83
Columbus, GA	Muscogee, GA	Early, GA	83
Columbus, GA	Muscogee, GA	Elmore, AL	75
Columbus, GA	Muscogee, GA	Escambia, AL	165
Columbus, GA	Muscogee, GA	Fayette, GA	67
Columbus, GA	Muscogee, GA	Fulton, GA	97
Columbus, GA	Muscogee, GA	Gadsden, FL	135
Columbus, GA	Muscogee, GA	Geneva, AL	112
Columbus, GA	Muscogee, GA	Hale, AL	162
Columbus, GA	Muscogee, GA	Haralson, GA	91
Columbus, GA	Muscogee, GA	Harris, GA	16
Columbus, GA	Muscogee, GA	Heard, GA	56
Columbus, GA	Muscogee, GA	Henry, AL	69
Columbus, GA	Muscogee, GA	Henry, GA	81
Columbus, GA	Muscogee, GA	Holmes, FL	127
Columbus, GA	Muscogee, GA	Houston, AL	96
Columbus, GA	Muscogee, GA	Houston, GA	71
Columbus, GA	Muscogee, GA	Jackson, FL	120
Columbus, GA	Muscogee, GA	Jasper, GA	89
Columbus, GA	Muscogee, GA	Jefferson, AL	137
Columbus, GA	Muscogee, GA	Jones, GA	84
Columbus, GA	Muscogee, GA	Lamar, GA	58
Columbus, GA	Muscogee, GA	Lee, AL	30
Columbus, GA	Muscogee, GA	Lee, GA	66
Columbus, GA	Muscogee, GA	Liberty, FL	152
Columbus, GA	Muscogee, GA	Lowndes, AL	107
Columbus, GA	Muscogee, GA	Macon, AL	51
Columbus, GA	Muscogee, GA	Macon, GA	49
Columbus, GA	Muscogee, GA	Marengo, AL	169
Columbus, GA	Muscogee, GA	Marion, GA	22
Columbus, GA	Muscogee, GA	Meriwether, GA	39
Columbus, GA	Muscogee, GA	Miller, GA	92
Columbus, GA	Muscogee, GA	Mitchell, GA	94
Columbus, GA	Muscogee, GA	Monroe, AL	162
Columbus, GA	Muscogee, GA	Monroe, GA	68
Columbus, GA	Muscogee, GA	Montgomery, AL	80
Columbus, GA	Muscogee, GA	Muscogee, GA	8
Columbus, GA	Muscogee, GA	Okaloosa, FL	161
Columbus, GA	Muscogee, GA	Paulding, GA	99
Columbus, GA	Muscogee, GA	Peach, GA	60
Columbus, GA	Muscogee, GA	Perry, AL	141
Columbus, GA	Muscogee, GA	Pike, AL	77
Columbus, GA	Muscogee, GA	Pike, GA	50
Columbus, GA	Muscogee, GA	Polk, GA	106
Columbus, GA	Muscogee, GA	Pulaski, GA	82
Columbus, GA	Muscogee, GA	Quitman, GA	43

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Columbus, GA	Muscogee, GA	Randolph, AL	66
Columbus, GA	Muscogee, GA	Randolph, GA	50
Columbus, GA	Muscogee, GA	Russell, AL	23
Columbus, GA	Muscogee, GA	Schley, GA	35
Columbus, GA	Muscogee, GA	Seminole, GA	111
Columbus, GA	Muscogee, GA	Shelby, AL	119
Columbus, GA	Muscogee, GA	Spalding, GA	64
Columbus, GA	Muscogee, GA	St. Clair, AL	120
Columbus, GA	Muscogee, GA	Stewart, GA	29
Columbus, GA	Muscogee, GA	Sumter, GA	49
Columbus, GA	Muscogee, GA	Talbot, GA	25
Columbus, GA	Muscogee, GA	Talladega, AL	97
Columbus, GA	Muscogee, GA	Tallapoosa, AL	58
Columbus, GA	Muscogee, GA	Taylor, GA	36
Columbus, GA	Muscogee, GA	Terrell, GA	55
Columbus, GA	Muscogee, GA	Troup, GA	40
Columbus, GA	Muscogee, GA	Turner, GA	91
Columbus, GA	Muscogee, GA	Tuscaloosa, AL	163
Columbus, GA	Muscogee, GA	Upson, GA	41
Columbus, GA	Muscogee, GA	Walton, FL	149
Columbus, GA	Muscogee, GA	Washington, FL	139
Columbus, GA	Muscogee, GA	Webster, GA	34
Columbus, GA	Muscogee, GA	Wilcox, AL	142
Columbus, GA	Muscogee, GA	Wilcox, GA	90
Columbus, GA	Muscogee, GA	Worth, GA	87
Columbus, GA	Russell, AL	Autauga, AL	87
Columbus, GA	Russell, AL	Baker, GA	81
Columbus, GA	Russell, AL	Barbour, AL	31
Columbus, GA	Russell, AL	Bay, FL	143
Columbus, GA	Russell, AL	Bibb, AL	123
Columbus, GA	Russell, AL	Bibb, GA	94
Columbus, GA	Russell, AL	Bullock, AL	34
Columbus, GA	Russell, AL	Butler, AL	96
Columbus, GA	Russell, AL	Butts, GA	101
Columbus, GA	Russell, AL	Calhoun, AL	109
Columbus, GA	Russell, AL	Calhoun, FL	130
Columbus, GA	Russell, AL	Calhoun, GA	61
Columbus, GA	Russell, AL	Carroll, GA	92
Columbus, GA	Russell, AL	Chambers, AL	46
Columbus, GA	Russell, AL	Chattahoochee, GA	23
Columbus, GA	Russell, AL	Cherokee, AL	137
Columbus, GA	Russell, AL	Chilton, AL	95
Columbus, GA	Russell, AL	Clarke, AL	162
Columbus, GA	Russell, AL	Clay, AL	79
Columbus, GA	Russell, AL	Clay, GA	46
Columbus, GA	Russell, AL	Clayton, GA	97
Columbus, GA	Russell, AL	Cleburne, AL	101
Columbus, GA	Russell, AL	Coffee, AL	78
Columbus, GA	Russell, AL	Conecuh, AL	118

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Columbus, GA	Russell, AL	Coosa, AL	77
Columbus, GA	Russell, AL	Covington, AL	103
Columbus, GA	Russell, AL	Coweta, GA	77
Columbus, GA	Russell, AL	Crawford, GA	76
Columbus, GA	Russell, AL	Crenshaw, AL	75
Columbus, GA	Russell, AL	Crisp, GA	87
Columbus, GA	Russell, AL	Dale, AL	66
Columbus, GA	Russell, AL	Dallas, AL	114
Columbus, GA	Russell, AL	Decatur, GA	103
Columbus, GA	Russell, AL	Dooly, GA	80
Columbus, GA	Russell, AL	Dougherty, GA	76
Columbus, GA	Russell, AL	Douglas, GA	100
Columbus, GA	Russell, AL	Early, GA	71
Columbus, GA	Russell, AL	Elmore, AL	61
Columbus, GA	Russell, AL	Escambia, AL	141
Columbus, GA	Russell, AL	Fayette, GA	87
Columbus, GA	Russell, AL	Fulton, GA	117
Columbus, GA	Russell, AL	Gadsden, FL	124
Columbus, GA	Russell, AL	Geneva, AL	91
Columbus, GA	Russell, AL	Hale, AL	147
Columbus, GA	Russell, AL	Haralson, GA	103
Columbus, GA	Russell, AL	Harris, GA	34
Columbus, GA	Russell, AL	Heard, GA	69
Columbus, GA	Russell, AL	Henry, AL	52
Columbus, GA	Russell, AL	Henry, GA	103
Columbus, GA	Russell, AL	Holmes, FL	106
Columbus, GA	Russell, AL	Houston, AL	78
Columbus, GA	Russell, AL	Houston, GA	91
Columbus, GA	Russell, AL	Jackson, FL	104
Columbus, GA	Russell, AL	Jasper, GA	112
Columbus, GA	Russell, AL	Jefferson, AL	131
Columbus, GA	Russell, AL	Jones, GA	107
Columbus, GA	Russell, AL	Lamar, GA	81
Columbus, GA	Russell, AL	Lee, AL	23
Columbus, GA	Russell, AL	Lee, GA	71
Columbus, GA	Russell, AL	Liberty, FL	139
Columbus, GA	Russell, AL	Lowndes, AL	87
Columbus, GA	Russell, AL	Macon, AL	33
Columbus, GA	Russell, AL	Macon, GA	66
Columbus, GA	Russell, AL	Marengo, AL	150
Columbus, GA	Russell, AL	Marion, GA	38
Columbus, GA	Russell, AL	Meriwether, GA	59
Columbus, GA	Russell, AL	Miller, GA	82
Columbus, GA	Russell, AL	Mitchell, GA	92
Columbus, GA	Russell, AL	Monroe, AL	140
Columbus, GA	Russell, AL	Monroe, GA	91
Columbus, GA	Russell, AL	Montgomery, AL	60
Columbus, GA	Russell, AL	Muscogee, GA	23
Columbus, GA	Russell, AL	Okaloosa, FL	138

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Columbus, GA	Russell, AL	Paulding, GA	115
Columbus, GA	Russell, AL	Peach, GA	81
Columbus, GA	Russell, AL	Perry, AL	125
Columbus, GA	Russell, AL	Pike, AL	54
Columbus, GA	Russell, AL	Pike, GA	72
Columbus, GA	Russell, AL	Polk, GA	119
Columbus, GA	Russell, AL	Pulaski, GA	99
Columbus, GA	Russell, AL	Quitman, GA	30
Columbus, GA	Russell, AL	Randolph, AL	72
Columbus, GA	Russell, AL	Randolph, GA	42
Columbus, GA	Russell, AL	Russell, AL	14
Columbus, GA	Russell, AL	Schley, GA	50
Columbus, GA	Russell, AL	Seminole, GA	98
Columbus, GA	Russell, AL	Shelby, AL	111
Columbus, GA	Russell, AL	Spalding, GA	86
Columbus, GA	Russell, AL	St. Clair, AL	119
Columbus, GA	Russell, AL	Stewart, GA	24
Columbus, GA	Russell, AL	Sumter, GA	59
Columbus, GA	Russell, AL	Talbot, GA	48
Columbus, GA	Russell, AL	Talladega, AL	95
Columbus, GA	Russell, AL	Tallapoosa, AL	51
Columbus, GA	Russell, AL	Taylor, GA	58
Columbus, GA	Russell, AL	Terrell, GA	55
Columbus, GA	Russell, AL	Troup, GA	53
Columbus, GA	Russell, AL	Turner, GA	99
Columbus, GA	Russell, AL	Tuscaloosa, AL	152
Columbus, GA	Russell, AL	Upson, GA	64
Columbus, GA	Russell, AL	Walton, FL	128
Columbus, GA	Russell, AL	Washington, FL	120
Columbus, GA	Russell, AL	Webster, GA	40
Columbus, GA	Russell, AL	Wilcox, AL	122
Columbus, GA	Russell, AL	Wilcox, GA	104
Columbus, GA	Russell, AL	Worth, GA	93
Columbus, OH	Franklin, OH	Adams, IN	115
Columbus, OH	Franklin, OH	Adams, OH	83
Columbus, OH	Franklin, OH	Allen, IN	133
Columbus, OH	Franklin, OH	Allen, OH	82
Columbus, OH	Franklin, OH	Ashland, OH	70
Columbus, OH	Franklin, OH	Athens, OH	65
Columbus, OH	Franklin, OH	Auglaize, OH	75
Columbus, OH	Franklin, OH	Belmont, OH	107
Columbus, OH	Franklin, OH	Boone, KY	115
Columbus, OH	Franklin, OH	Boyd, KY	112
Columbus, OH	Franklin, OH	Bracken, KY	105
Columbus, OH	Franklin, OH	Brown, OH	84
Columbus, OH	Franklin, OH	Butler, OH	91
Columbus, OH	Franklin, OH	Cabell, WV	115
Columbus, OH	Franklin, OH	Campbell, KY	100
Columbus, OH	Franklin, OH	Carroll, OH	110

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Columbus, OH	Franklin, OH	Champaign, OH	42
Columbus, OH	Franklin, OH	Clark, OH	42
Columbus, OH	Franklin, OH	Clermont, OH	90
Columbus, OH	Franklin, OH	Clinton, OH	57
Columbus, OH	Franklin, OH	Columbiana, OH	128
Columbus, OH	Franklin, OH	Coshocton, OH	63
Columbus, OH	Franklin, OH	Crawford, OH	61
Columbus, OH	Franklin, OH	Cuyahoga, OH	124
Columbus, OH	Franklin, OH	Darke, OH	86
Columbus, OH	Franklin, OH	Dearborn, IN	119
Columbus, OH	Franklin, OH	Defiance, OH	121
Columbus, OH	Franklin, OH	Delaware, OH	22
Columbus, OH	Franklin, OH	Erie, OH	103
Columbus, OH	Franklin, OH	Fairfield, OH	26
Columbus, OH	Franklin, OH	Fayette, OH	37
Columbus, OH	Franklin, OH	Franklin, IN	116
Columbus, OH	Franklin, OH	Franklin, OH	13
Columbus, OH	Franklin, OH	Fulton, OH	127
Columbus, OH	Franklin, OH	Gallia, OH	87
Columbus, OH	Franklin, OH	Greene, OH	50
Columbus, OH	Franklin, OH	Greenup, KY	97
Columbus, OH	Franklin, OH	Guernsey, OH	81
Columbus, OH	Franklin, OH	Hamilton, OH	99
Columbus, OH	Franklin, OH	Hancock, OH	78
Columbus, OH	Franklin, OH	Hardin, OH	59
Columbus, OH	Franklin, OH	Harrison, OH	103
Columbus, OH	Franklin, OH	Henry, OH	109
Columbus, OH	Franklin, OH	Highland, OH	62
Columbus, OH	Franklin, OH	Hocking, OH	43
Columbus, OH	Franklin, OH	Holmes, OH	70
Columbus, OH	Franklin, OH	Huron, OH	84
Columbus, OH	Franklin, OH	Jackson, OH	68
Columbus, OH	Franklin, OH	Jackson, WV	106
Columbus, OH	Franklin, OH	Jay, IN	110
Columbus, OH	Franklin, OH	Jefferson, OH	123
Columbus, OH	Franklin, OH	Kenton, KY	108
Columbus, OH	Franklin, OH	Knox, OH	44
Columbus, OH	Franklin, OH	Lawrence, OH	96
Columbus, OH	Franklin, OH	Lewis, KY	102
Columbus, OH	Franklin, OH	Licking, OH	30
Columbus, OH	Franklin, OH	Logan, OH	49
Columbus, OH	Franklin, OH	Lorain, OH	103
Columbus, OH	Franklin, OH	Lucas, OH	117
Columbus, OH	Franklin, OH	Madison, OH	21
Columbus, OH	Franklin, OH	Mahoning, OH	139
Columbus, OH	Franklin, OH	Marion, OH	43
Columbus, OH	Franklin, OH	Marshall, WV	125
Columbus, OH	Franklin, OH	Mason, KY	103
Columbus, OH	Franklin, OH	Mason, WV	100

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Columbus, OH	Franklin, OH	Medina, OH	99
Columbus, OH	Franklin, OH	Meigs, OH	82
Columbus, OH	Franklin, OH	Mercer, OH	94
Columbus, OH	Franklin, OH	Miami, OH	65
Columbus, OH	Franklin, OH	Monroe, OH	105
Columbus, OH	Franklin, OH	Montgomery, OH	70
Columbus, OH	Franklin, OH	Morgan, OH	68
Columbus, OH	Franklin, OH	Morrow, OH	40
Columbus, OH	Franklin, OH	Muskingum, OH	56
Columbus, OH	Franklin, OH	Noble, OH	81
Columbus, OH	Franklin, OH	Ohio, WV	127
Columbus, OH	Franklin, OH	Ottawa, OH	113
Columbus, OH	Franklin, OH	Paulding, OH	114
Columbus, OH	Franklin, OH	Pendleton, KY	114
Columbus, OH	Franklin, OH	Perry, OH	45
Columbus, OH	Franklin, OH	Pickaway, OH	23
Columbus, OH	Franklin, OH	Pike, OH	62
Columbus, OH	Franklin, OH	Pleasants, WV	107
Columbus, OH	Franklin, OH	Portage, OH	126
Columbus, OH	Franklin, OH	Preble, OH	88
Columbus, OH	Franklin, OH	Putnam, OH	93
Columbus, OH	Franklin, OH	Randolph, IN	107
Columbus, OH	Franklin, OH	Richland, OH	61
Columbus, OH	Franklin, OH	Ritchie, WV	116
Columbus, OH	Franklin, OH	Ross, OH	43
Columbus, OH	Franklin, OH	Sandusky, OH	98
Columbus, OH	Franklin, OH	Scioto, OH	81
Columbus, OH	Franklin, OH	Seneca, OH	80
Columbus, OH	Franklin, OH	Shelby, OH	69
Columbus, OH	Franklin, OH	Stark, OH	104
Columbus, OH	Franklin, OH	Summit, OH	111
Columbus, OH	Franklin, OH	Tuscarawas, OH	87
Columbus, OH	Franklin, OH	Tyler, WV	122
Columbus, OH	Franklin, OH	Union, IN	104
Columbus, OH	Franklin, OH	Union, OH	31
Columbus, OH	Franklin, OH	Van Wert, OH	102
Columbus, OH	Franklin, OH	Vinton, OH	59
Columbus, OH	Franklin, OH	Warren, OH	72
Columbus, OH	Franklin, OH	Washington, OH	88
Columbus, OH	Franklin, OH	Wayne, IN	107
Columbus, OH	Franklin, OH	Wayne, OH	84
Columbus, OH	Franklin, OH	Wayne, WV	131
Columbus, OH	Franklin, OH	Wetzel, WV	128
Columbus, OH	Franklin, OH	Williams, OH	138
Columbus, OH	Franklin, OH	Wirt, WV	108
Columbus, OH	Franklin, OH	Wood, OH	104
Columbus, OH	Franklin, OH	Wood, WV	96
Columbus, OH	Franklin, OH	Wyandot, OH	62
Davenport, IA	Scott, IA	Adams, IL	117

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Davenport, IA	Scott, IA	Allamakee, IA	122
Davenport, IA	Scott, IA	Benton, IA	81
Davenport, IA	Scott, IA	Black Hawk, IA	105
Davenport, IA	Scott, IA	Boone, IL	105
Davenport, IA	Scott, IA	Bremer, IA	118
Davenport, IA	Scott, IA	Buchanan, IA	86
Davenport, IA	Scott, IA	Bureau, IL	60
Davenport, IA	Scott, IA	Butler, IA	135
Davenport, IA	Scott, IA	Carroll, IL	47
Davenport, IA	Scott, IA	Cedar, IA	29
Davenport, IA	Scott, IA	Chickasaw, IA	132
Davenport, IA	Scott, IA	Clark, MO	100
Davenport, IA	Scott, IA	Clayton, IA	94
Davenport, IA	Scott, IA	Clinton, IA	19
Davenport, IA	Scott, IA	Crawford, WI	111
Davenport, IA	Scott, IA	Dane, WI	118
Davenport, IA	Scott, IA	Davis, IA	111
Davenport, IA	Scott, IA	DeKalb, IL	97
Davenport, IA	Scott, IA	Delaware, IA	71
Davenport, IA	Scott, IA	Des Moines, IA	59
Davenport, IA	Scott, IA	Dubuque, IA	62
Davenport, IA	Scott, IA	Fayette, IA	107
Davenport, IA	Scott, IA	Floyd, IA	149
Davenport, IA	Scott, IA	Fulton, IL	84
Davenport, IA	Scott, IA	Grant, WI	86
Davenport, IA	Scott, IA	Green, WI	90
Davenport, IA	Scott, IA	Grundy, IA	123
Davenport, IA	Scott, IA	Grundy, IL	116
Davenport, IA	Scott, IA	Hancock, IL	87
Davenport, IA	Scott, IA	Henderson, IL	55
Davenport, IA	Scott, IA	Henry, IA	65
Davenport, IA	Scott, IA	Henry, IL	30
Davenport, IA	Scott, IA	Iowa, IA	75
Davenport, IA	Scott, IA	Iowa, WI	100
Davenport, IA	Scott, IA	Jackson, IA	41
Davenport, IA	Scott, IA	Jasper, IA	126
Davenport, IA	Scott, IA	Jefferson, IA	80
Davenport, IA	Scott, IA	Jo Daviess, IL	56
Davenport, IA	Scott, IA	Johnson, IA	51
Davenport, IA	Scott, IA	Jones, IA	44
Davenport, IA	Scott, IA	Kane, IL	115
Davenport, IA	Scott, IA	Kendall, IL	113
Davenport, IA	Scott, IA	Keokuk, IA	83
Davenport, IA	Scott, IA	Knox, IL	52
Davenport, IA	Scott, IA	La Salle, IL	93
Davenport, IA	Scott, IA	Lafayette, WI	77
Davenport, IA	Scott, IA	Lee, IA	85
Davenport, IA	Scott, IA	Lee, IL	70
Davenport, IA	Scott, IA	Lewis, MO	120

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Davenport, IA	Scott, IA	Linn, IA	60
Davenport, IA	Scott, IA	Livingston, IL	118
Davenport, IA	Scott, IA	Louisa, IA	43
Davenport, IA	Scott, IA	Mahaska, IA	106
Davenport, IA	Scott, IA	Marshall, IA	126
Davenport, IA	Scott, IA	Marshall, IL	77
Davenport, IA	Scott, IA	Mason, IL	103
Davenport, IA	Scott, IA	McDonough, IL	80
Davenport, IA	Scott, IA	McHenry, IL	122
Davenport, IA	Scott, IA	Mercer, IL	29
Davenport, IA	Scott, IA	Muscatine, IA	26
Davenport, IA	Scott, IA	Ogle, IL	74
Davenport, IA	Scott, IA	Peoria, IL	75
Davenport, IA	Scott, IA	Poweshiek, IA	99
Davenport, IA	Scott, IA	Putnam, IL	73
Davenport, IA	Scott, IA	Richland, WI	121
Davenport, IA	Scott, IA	Rock Island, IL	17
Davenport, IA	Scott, IA	Rock, WI	108
Davenport, IA	Scott, IA	Schuyler, IL	102
Davenport, IA	Scott, IA	Scotland, MO	113
Davenport, IA	Scott, IA	Scott, IA	12
Davenport, IA	Scott, IA	Stark, IL	55
Davenport, IA	Scott, IA	Stephenson, IL	71
Davenport, IA	Scott, IA	Tama, IA	104
Davenport, IA	Scott, IA	Tazewell, IL	93
Davenport, IA	Scott, IA	Van Buren, IA	91
Davenport, IA	Scott, IA	Walworth, WI	129
Davenport, IA	Scott, IA	Wapello, IA	101
Davenport, IA	Scott, IA	Warren, IL	53
Davenport, IA	Scott, IA	Washington, IA	60
Davenport, IA	Scott, IA	Whiteside, IL	37
Davenport, IA	Scott, IA	Winnebago, IL	89
Davenport, IA	Scott, IA	Winneshiek, IA	132
Davenport, IA	Scott, IA	Woodford, IL	93
Dayton, OH	Montgomery, OH	Adams, IN	77
Dayton, OH	Montgomery, OH	Adams, OH	77
Dayton, OH	Montgomery, OH	Allen, IN	102
Dayton, OH	Montgomery, OH	Allen, OH	72
Dayton, OH	Montgomery, OH	Athens, OH	121
Dayton, OH	Montgomery, OH	Auglaize, OH	53
Dayton, OH	Montgomery, OH	Bartholomew, IN	93
Dayton, OH	Montgomery, OH	Blackford, IN	74
Dayton, OH	Montgomery, OH	Boone, KY	59
Dayton, OH	Montgomery, OH	Bourbon, KY	106
Dayton, OH	Montgomery, OH	Bracken, KY	74
Dayton, OH	Montgomery, OH	Brown, IN	110
Dayton, OH	Montgomery, OH	Brown, OH	60
Dayton, OH	Montgomery, OH	Butler, OH	26
Dayton, OH	Montgomery, OH	Campbell, KY	55

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Dayton, OH	Montgomery, OH	Carroll, KY	87
Dayton, OH	Montgomery, OH	Champaign, OH	39
Dayton, OH	Montgomery, OH	Clark, IN	122
Dayton, OH	Montgomery, OH	Clark, OH	28
Dayton, OH	Montgomery, OH	Clermont, OH	51
Dayton, OH	Montgomery, OH	Clinton, OH	36
Dayton, OH	Montgomery, OH	Coshocton, OH	132
Dayton, OH	Montgomery, OH	Crawford, OH	105
Dayton, OH	Montgomery, OH	Darke, OH	32
Dayton, OH	Montgomery, OH	Dearborn, IN	56
Dayton, OH	Montgomery, OH	Decatur, IN	71
Dayton, OH	Montgomery, OH	Defiance, OH	108
Dayton, OH	Montgomery, OH	DeKalb, IN	120
Dayton, OH	Montgomery, OH	Delaware, IN	67
Dayton, OH	Montgomery, OH	Delaware, OH	78
Dayton, OH	Montgomery, OH	Fairfield, OH	89
Dayton, OH	Montgomery, OH	Fayette, IN	47
Dayton, OH	Montgomery, OH	Fayette, OH	48
Dayton, OH	Montgomery, OH	Fleming, KY	102
Dayton, OH	Montgomery, OH	Franklin, IN	48
Dayton, OH	Montgomery, OH	Franklin, OH	70
Dayton, OH	Montgomery, OH	Gallatin, KY	76
Dayton, OH	Montgomery, OH	Gallia, OH	121
Dayton, OH	Montgomery, OH	Grant, IN	89
Dayton, OH	Montgomery, OH	Grant, KY	79
Dayton, OH	Montgomery, OH	Greene, OH	22
Dayton, OH	Montgomery, OH	Hamilton, IN	96
Dayton, OH	Montgomery, OH	Hamilton, OH	43
Dayton, OH	Montgomery, OH	Hancock, IN	79
Dayton, OH	Montgomery, OH	Hancock, OH	92
Dayton, OH	Montgomery, OH	Hardin, OH	72
Dayton, OH	Montgomery, OH	Harrison, KY	91
Dayton, OH	Montgomery, OH	Henry, IN	60
Dayton, OH	Montgomery, OH	Henry, OH	110
Dayton, OH	Montgomery, OH	Highland, OH	53
Dayton, OH	Montgomery, OH	Hocking, OH	98
Dayton, OH	Montgomery, OH	Howard, IN	109
Dayton, OH	Montgomery, OH	Huntington, IN	98
Dayton, OH	Montgomery, OH	Jackson, IN	110
Dayton, OH	Montgomery, OH	Jackson, OH	103
Dayton, OH	Montgomery, OH	Jay, IN	61
Dayton, OH	Montgomery, OH	Jefferson, IN	93
Dayton, OH	Montgomery, OH	Jennings, IN	88
Dayton, OH	Montgomery, OH	Johnson, IN	98
Dayton, OH	Montgomery, OH	Kenton, KY	57
Dayton, OH	Montgomery, OH	Knox, OH	109
Dayton, OH	Montgomery, OH	Lawrence, OH	121
Dayton, OH	Montgomery, OH	Lewis, KY	98
Dayton, OH	Montgomery, OH	Licking, OH	99

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Dayton, OH	Montgomery, OH	Logan, OH	52
Dayton, OH	Montgomery, OH	Madison, IN	81
Dayton, OH	Montgomery, OH	Madison, OH	49
Dayton, OH	Montgomery, OH	Marion, IN	98
Dayton, OH	Montgomery, OH	Marion, OH	81
Dayton, OH	Montgomery, OH	Mason, KY	83
Dayton, OH	Montgomery, OH	Meigs, OH	129
Dayton, OH	Montgomery, OH	Mercer, OH	57
Dayton, OH	Montgomery, OH	Miami, IN	117
Dayton, OH	Montgomery, OH	Miami, OH	20
Dayton, OH	Montgomery, OH	Montgomery, OH	12
Dayton, OH	Montgomery, OH	Morrow, OH	95
Dayton, OH	Montgomery, OH	Muskingum, OH	125
Dayton, OH	Montgomery, OH	Nicholas, KY	100
Dayton, OH	Montgomery, OH	Noble, IN	128
Dayton, OH	Montgomery, OH	Ohio, IN	64
Dayton, OH	Montgomery, OH	Owen, KY	89
Dayton, OH	Montgomery, OH	Paulding, OH	96
Dayton, OH	Montgomery, OH	Pendleton, KY	73
Dayton, OH	Montgomery, OH	Perry, OH	110
Dayton, OH	Montgomery, OH	Pickaway, OH	67
Dayton, OH	Montgomery, OH	Pike, OH	80
Dayton, OH	Montgomery, OH	Preble, OH	19
Dayton, OH	Montgomery, OH	Putnam, OH	88
Dayton, OH	Montgomery, OH	Randolph, IN	47
Dayton, OH	Montgomery, OH	Ripley, IN	69
Dayton, OH	Montgomery, OH	Robertson, KY	86
Dayton, OH	Montgomery, OH	Ross, OH	71
Dayton, OH	Montgomery, OH	Rush, IN	63
Dayton, OH	Montgomery, OH	Scioto, OH	97
Dayton, OH	Montgomery, OH	Scott, IN	107
Dayton, OH	Montgomery, OH	Scott, KY	101
Dayton, OH	Montgomery, OH	Shelby, IN	81
Dayton, OH	Montgomery, OH	Shelby, OH	41
Dayton, OH	Montgomery, OH	Switzerland, IN	76
Dayton, OH	Montgomery, OH	Tipton, IN	101
Dayton, OH	Montgomery, OH	Trimble, KY	96
Dayton, OH	Montgomery, OH	Union, IN	35
Dayton, OH	Montgomery, OH	Union, OH	61
Dayton, OH	Montgomery, OH	Van Wert, OH	77
Dayton, OH	Montgomery, OH	Vinton, OH	102
Dayton, OH	Montgomery, OH	Wabash, IN	110
Dayton, OH	Montgomery, OH	Warren, OH	24
Dayton, OH	Montgomery, OH	Wayne, IN	39
Dayton, OH	Montgomery, OH	Wells, IN	84
Dayton, OH	Montgomery, OH	Whitley, IN	116
Dayton, OH	Montgomery, OH	Wood, OH	119
Dayton, OH	Montgomery, OH	Wyandot, OH	91
Detroit, MI	Macomb, MI	Allegan, MI	151

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Detroit, MI	Macomb, MI	Allen, IN	155
Detroit, MI	Macomb, MI	Allen, OH	145
Detroit, MI	Macomb, MI	Arenac, MI	107
Detroit, MI	Macomb, MI	Barry, MI	122
Detroit, MI	Macomb, MI	Bay, MI	93
Detroit, MI	Macomb, MI	Branch, MI	121
Detroit, MI	Macomb, MI	Calhoun, MI	110
Detroit, MI	Macomb, MI	Cass, MI	166
Detroit, MI	Macomb, MI	Clare, MI	133
Detroit, MI	Macomb, MI	Clinton, MI	87
Detroit, MI	Macomb, MI	Crawford, OH	126
Detroit, MI	Macomb, MI	Defiance, OH	126
Detroit, MI	Macomb, MI	DeKalb, IN	138
Detroit, MI	Macomb, MI	Eaton, MI	98
Detroit, MI	Macomb, MI	Elkhart, IN	168
Detroit, MI	Macomb, MI	Erie, OH	85
Detroit, MI	Macomb, MI	Fulton, OH	97
Detroit, MI	Macomb, MI	Genesee, MI	45
Detroit, MI	Macomb, MI	Gladwin, MI	117
Detroit, MI	Macomb, MI	Gratiot, MI	95
Detroit, MI	Macomb, MI	Hancock, OH	122
Detroit, MI	Macomb, MI	Hardin, OH	144
Detroit, MI	Macomb, MI	Henry, OH	110
Detroit, MI	Macomb, MI	Hillsdale, MI	102
Detroit, MI	Macomb, MI	Huron, MI	83
Detroit, MI	Macomb, MI	Huron, OH	107
Detroit, MI	Macomb, MI	Ingham, MI	74
Detroit, MI	Macomb, MI	Ionia, MI	111
Detroit, MI	Macomb, MI	Isabella, MI	118
Detroit, MI	Macomb, MI	Jackson, MI	82
Detroit, MI	Macomb, MI	Kalamazoo, MI	136
Detroit, MI	Macomb, MI	Kent, MI	136
Detroit, MI	Macomb, MI	Lagrange, IN	147
Detroit, MI	Macomb, MI	Lapeer, MI	34
Detroit, MI	Macomb, MI	Lenawee, MI	80
Detroit, MI	Macomb, MI	Livingston, MI	51
Detroit, MI	Macomb, MI	Lucas, OH	87
Detroit, MI	Macomb, MI	Macomb, MI	12
Detroit, MI	Macomb, MI	Midland, MI	100
Detroit, MI	Macomb, MI	Monroe, MI	62
Detroit, MI	Macomb, MI	Montcalm, MI	117
Detroit, MI	Macomb, MI	Noble, IN	156
Detroit, MI	Macomb, MI	Oakland, MI	24
Detroit, MI	Macomb, MI	Ottawa, OH	76
Detroit, MI	Macomb, MI	Paulding, OH	137
Detroit, MI	Macomb, MI	Putnam, OH	130
Detroit, MI	Macomb, MI	Saginaw, MI	73
Detroit, MI	Macomb, MI	Sandusky, OH	90
Detroit, MI	Macomb, MI	Sanilac, MI	52

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Detroit, MI	Macomb, MI	Seneca, OH	108
Detroit, MI	Macomb, MI	Shiawassee, MI	65
Detroit, MI	Macomb, MI	St. Clair, MI	20
Detroit, MI	Macomb, MI	St. Joseph, MI	143
Detroit, MI	Macomb, MI	Steuben, IN	128
Detroit, MI	Macomb, MI	Tuscola, MI	61
Detroit, MI	Macomb, MI	Van Buren, MI	163
Detroit, MI	Macomb, MI	Van Wert, OH	153
Detroit, MI	Macomb, MI	Washtenaw, MI	55
Detroit, MI	Macomb, MI	Wayne, MI	37
Detroit, MI	Macomb, MI	Williams, OH	115
Detroit, MI	Macomb, MI	Wood, OH	96
Detroit, MI	Macomb, MI	Wyandot, OH	128
Detroit, MI	Monroe, MI	Allegan, MI	129
Detroit, MI	Monroe, MI	Allen, IN	97
Detroit, MI	Monroe, MI	Allen, OH	84
Detroit, MI	Monroe, MI	Arenac, MI	148
Detroit, MI	Monroe, MI	Barry, MI	102
Detroit, MI	Monroe, MI	Bay, MI	129
Detroit, MI	Monroe, MI	Branch, MI	78
Detroit, MI	Monroe, MI	Calhoun, MI	78
Detroit, MI	Monroe, MI	Cass, MI	126
Detroit, MI	Monroe, MI	Clare, MI	158
Detroit, MI	Monroe, MI	Clinton, MI	89
Detroit, MI	Monroe, MI	Crawford, OH	80
Detroit, MI	Monroe, MI	Defiance, OH	65
Detroit, MI	Monroe, MI	DeKalb, IN	83
Detroit, MI	Monroe, MI	Eaton, MI	81
Detroit, MI	Monroe, MI	Elkhart, IN	121
Detroit, MI	Monroe, MI	Erie, OH	50
Detroit, MI	Monroe, MI	Fulton, OH	37
Detroit, MI	Monroe, MI	Genesee, MI	76
Detroit, MI	Monroe, MI	Gladwin, MI	150
Detroit, MI	Monroe, MI	Gratiot, MI	110
Detroit, MI	Monroe, MI	Hancock, OH	64
Detroit, MI	Monroe, MI	Hardin, OH	86
Detroit, MI	Monroe, MI	Henry, OH	48
Detroit, MI	Monroe, MI	Hillsdale, MI	54
Detroit, MI	Monroe, MI	Huron, MI	138
Detroit, MI	Monroe, MI	Huron, OH	73
Detroit, MI	Monroe, MI	Ingham, MI	64
Detroit, MI	Monroe, MI	Ionia, MI	106
Detroit, MI	Monroe, MI	Isabella, MI	137
Detroit, MI	Monroe, MI	Jackson, MI	51
Detroit, MI	Monroe, MI	Kalamazoo, MI	104
Detroit, MI	Monroe, MI	Kent, MI	128
Detroit, MI	Monroe, MI	Lagrange, IN	98
Detroit, MI	Monroe, MI	Lapeer, MI	84
Detroit, MI	Monroe, MI	Lenawee, MI	26

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Detroit, MI	Monroe, MI	Livingston, MI	51
Detroit, MI	Monroe, MI	Lucas, OH	25
Detroit, MI	Monroe, MI	Macomb, MI	62
Detroit, MI	Monroe, MI	Midland, MI	127
Detroit, MI	Monroe, MI	Monroe, MI	13
Detroit, MI	Monroe, MI	Montcalm, MI	123
Detroit, MI	Monroe, MI	Noble, IN	103
Detroit, MI	Monroe, MI	Oakland, MI	53
Detroit, MI	Monroe, MI	Ottawa, OH	27
Detroit, MI	Monroe, MI	Paulding, OH	76
Detroit, MI	Monroe, MI	Putnam, OH	68
Detroit, MI	Monroe, MI	Saginaw, MI	103
Detroit, MI	Monroe, MI	Sandusky, OH	43
Detroit, MI	Monroe, MI	Sanilac, MI	111
Detroit, MI	Monroe, MI	Seneca, OH	59
Detroit, MI	Monroe, MI	Shiawassee, MI	78
Detroit, MI	Monroe, MI	St. Clair, MI	81
Detroit, MI	Monroe, MI	St. Joseph, MI	102
Detroit, MI	Monroe, MI	Steuben, IN	77
Detroit, MI	Monroe, MI	Tuscola, MI	109
Detroit, MI	Monroe, MI	Van Buren, MI	131
Detroit, MI	Monroe, MI	Van Wert, OH	91
Detroit, MI	Monroe, MI	Washtenaw, MI	28
Detroit, MI	Monroe, MI	Wayne, MI	25
Detroit, MI	Monroe, MI	Williams, OH	59
Detroit, MI	Monroe, MI	Wood, OH	36
Detroit, MI	Monroe, MI	Wyandot, OH	75
Detroit, MI	Oakland, MI	Allegan, MI	127
Detroit, MI	Oakland, MI	Allen, IN	139
Detroit, MI	Oakland, MI	Allen, OH	136
Detroit, MI	Oakland, MI	Arenac, MI	99
Detroit, MI	Oakland, MI	Barry, MI	98
Detroit, MI	Oakland, MI	Bay, MI	82
Detroit, MI	Oakland, MI	Branch, MI	100
Detroit, MI	Oakland, MI	Calhoun, MI	87
Detroit, MI	Oakland, MI	Cass, MI	143
Detroit, MI	Oakland, MI	Clare, MI	118
Detroit, MI	Oakland, MI	Clinton, MI	65
Detroit, MI	Oakland, MI	Crawford, OH	128
Detroit, MI	Oakland, MI	Defiance, OH	111
Detroit, MI	Oakland, MI	DeKalb, IN	120
Detroit, MI	Oakland, MI	Eaton, MI	74
Detroit, MI	Oakland, MI	Elkhart, IN	147
Detroit, MI	Oakland, MI	Erie, OH	89
Detroit, MI	Oakland, MI	Fulton, OH	83
Detroit, MI	Oakland, MI	Genesee, MI	28
Detroit, MI	Oakland, MI	Gladwin, MI	105
Detroit, MI	Oakland, MI	Gratiot, MI	76
Detroit, MI	Oakland, MI	Hancock, OH	116

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Detroit, MI	Oakland, MI	Hardin, OH	139
Detroit, MI	Oakland, MI	Henry, OH	98
Detroit, MI	Oakland, MI	Hillsdale, MI	82
Detroit, MI	Oakland, MI	Huron, MI	86
Detroit, MI	Oakland, MI	Huron, OH	113
Detroit, MI	Oakland, MI	Ingham, MI	51
Detroit, MI	Oakland, MI	Ionia, MI	88
Detroit, MI	Oakland, MI	Isabella, MI	100
Detroit, MI	Oakland, MI	Jackson, MI	60
Detroit, MI	Oakland, MI	Kalamazoo, MI	113
Detroit, MI	Oakland, MI	Kent, MI	113
Detroit, MI	Oakland, MI	Lagrange, IN	126
Detroit, MI	Oakland, MI	Lapeer, MI	32
Detroit, MI	Oakland, MI	Lenawee, MI	63
Detroit, MI	Oakland, MI	Livingston, MI	27
Detroit, MI	Oakland, MI	Lucas, OH	77
Detroit, MI	Oakland, MI	Macomb, MI	24
Detroit, MI	Oakland, MI	Midland, MI	85
Detroit, MI	Oakland, MI	Monroe, MI	53
Detroit, MI	Oakland, MI	Montcalm, MI	96
Detroit, MI	Oakland, MI	Noble, IN	136
Detroit, MI	Oakland, MI	Oakland, MI	17
Detroit, MI	Oakland, MI	Ottawa, OH	74
Detroit, MI	Oakland, MI	Paulding, OH	123
Detroit, MI	Oakland, MI	Putnam, OH	120
Detroit, MI	Oakland, MI	Saginaw, MI	58
Detroit, MI	Oakland, MI	Sandusky, OH	90
Detroit, MI	Oakland, MI	Sanilac, MI	60
Detroit, MI	Oakland, MI	Seneca, OH	107
Detroit, MI	Oakland, MI	Shiawassee, MI	44
Detroit, MI	Oakland, MI	St. Clair, MI	42
Detroit, MI	Oakland, MI	St. Joseph, MI	121
Detroit, MI	Oakland, MI	Steuben, IN	109
Detroit, MI	Oakland, MI	Tuscola, MI	56
Detroit, MI	Oakland, MI	Van Buren, MI	140
Detroit, MI	Oakland, MI	Van Wert, OH	140
Detroit, MI	Oakland, MI	Washtenaw, MI	36
Detroit, MI	Oakland, MI	Wayne, MI	29
Detroit, MI	Oakland, MI	Williams, OH	98
Detroit, MI	Oakland, MI	Wood, OH	89
Detroit, MI	Oakland, MI	Wyandot, OH	126
Detroit, MI	St. Clair, MI	Allegan, MI	168
Detroit, MI	St. Clair, MI	Allen, IN	175
Detroit, MI	St. Clair, MI	Allen, OH	163
Detroit, MI	St. Clair, MI	Arenac, MI	106
Detroit, MI	St. Clair, MI	Barry, MI	139
Detroit, MI	St. Clair, MI	Bay, MI	96
Detroit, MI	St. Clair, MI	Branch, MI	141
Detroit, MI	St. Clair, MI	Calhoun, MI	129

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Detroit, MI	St. Clair, MI	Cass, MI	185
Detroit, MI	St. Clair, MI	Clare, MI	138
Detroit, MI	St. Clair, MI	Clinton, MI	101
Detroit, MI	St. Clair, MI	Crawford, OH	139
Detroit, MI	St. Clair, MI	Defiance, OH	145
Detroit, MI	St. Clair, MI	DeKalb, IN	158
Detroit, MI	St. Clair, MI	Eaton, MI	115
Detroit, MI	St. Clair, MI	Elkhart, IN	188
Detroit, MI	St. Clair, MI	Erie, OH	97
Detroit, MI	St. Clair, MI	Fulton, OH	116
Detroit, MI	St. Clair, MI	Genesee, MI	56
Detroit, MI	St. Clair, MI	Gladwin, MI	120
Detroit, MI	St. Clair, MI	Gratiot, MI	106
Detroit, MI	St. Clair, MI	Hancock, OH	139
Detroit, MI	St. Clair, MI	Hardin, OH	160
Detroit, MI	St. Clair, MI	Henry, OH	129
Detroit, MI	St. Clair, MI	Hillsdale, MI	121
Detroit, MI	St. Clair, MI	Huron, MI	74
Detroit, MI	St. Clair, MI	Huron, OH	118
Detroit, MI	St. Clair, MI	Ingham, MI	92
Detroit, MI	St. Clair, MI	Ionia, MI	125
Detroit, MI	St. Clair, MI	Isabella, MI	126
Detroit, MI	St. Clair, MI	Jackson, MI	101
Detroit, MI	St. Clair, MI	Kalamazoo, MI	155
Detroit, MI	St. Clair, MI	Kent, MI	150
Detroit, MI	St. Clair, MI	Lagrange, IN	167
Detroit, MI	St. Clair, MI	Lapeer, MI	36
Detroit, MI	St. Clair, MI	Lenawee, MI	99
Detroit, MI	St. Clair, MI	Livingston, MI	69
Detroit, MI	St. Clair, MI	Lucas, OH	106
Detroit, MI	St. Clair, MI	Macomb, MI	20
Detroit, MI	St. Clair, MI	Midland, MI	106
Detroit, MI	St. Clair, MI	Monroe, MI	81
Detroit, MI	St. Clair, MI	Montcalm, MI	129
Detroit, MI	St. Clair, MI	Noble, IN	176
Detroit, MI	St. Clair, MI	Oakland, MI	42
Detroit, MI	St. Clair, MI	Ottawa, OH	92
Detroit, MI	St. Clair, MI	Paulding, OH	156
Detroit, MI	St. Clair, MI	Putnam, OH	148
Detroit, MI	St. Clair, MI	Saginaw, MI	80
Detroit, MI	St. Clair, MI	Sandusky, OH	105
Detroit, MI	St. Clair, MI	Sanilac, MI	42
Detroit, MI	St. Clair, MI	Seneca, OH	122
Detroit, MI	St. Clair, MI	Shiawassee, MI	78
Detroit, MI	St. Clair, MI	St. Clair, MI	14
Detroit, MI	St. Clair, MI	St. Joseph, MI	163
Detroit, MI	St. Clair, MI	Steuben, IN	148
Detroit, MI	St. Clair, MI	Tuscola, MI	60
Detroit, MI	St. Clair, MI	Van Buren, MI	181

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Detroit, MI	St. Clair, MI	Van Wert, OH	172
Detroit, MI	St. Clair, MI	Washtenaw, MI	75
Detroit, MI	St. Clair, MI	Wayne, MI	56
Detroit, MI	St. Clair, MI	Williams, OH	135
Detroit, MI	St. Clair, MI	Wood, OH	114
Detroit, MI	St. Clair, MI	Wyandot, OH	143
Detroit, MI	Washtenaw, MI	Allegan, MI	107
Detroit, MI	Washtenaw, MI	Allen, IN	102
Detroit, MI	Washtenaw, MI	Allen, OH	103
Detroit, MI	Washtenaw, MI	Arenac, MI	123
Detroit, MI	Washtenaw, MI	Barry, MI	79
Detroit, MI	Washtenaw, MI	Bay, MI	103
Detroit, MI	Washtenaw, MI	Branch, MI	67
Detroit, MI	Washtenaw, MI	Calhoun, MI	60
Detroit, MI	Washtenaw, MI	Cass, MI	113
Detroit, MI	Washtenaw, MI	Clare, MI	130
Detroit, MI	Washtenaw, MI	Clinton, MI	62
Detroit, MI	Washtenaw, MI	Crawford, OH	108
Detroit, MI	Washtenaw, MI	Defiance, OH	75
Detroit, MI	Washtenaw, MI	DeKalb, IN	84
Detroit, MI	Washtenaw, MI	Eaton, MI	56
Detroit, MI	Washtenaw, MI	Elkhart, IN	113
Detroit, MI	Washtenaw, MI	Erie, OH	77
Detroit, MI	Washtenaw, MI	Fulton, OH	47
Detroit, MI	Washtenaw, MI	Genesee, MI	52
Detroit, MI	Washtenaw, MI	Gladwin, MI	123
Detroit, MI	Washtenaw, MI	Gratiot, MI	82
Detroit, MI	Washtenaw, MI	Hancock, OH	88
Detroit, MI	Washtenaw, MI	Hardin, OH	111
Detroit, MI	Washtenaw, MI	Henry, OH	65
Detroit, MI	Washtenaw, MI	Hillsdale, MI	46
Detroit, MI	Washtenaw, MI	Huron, MI	120
Detroit, MI	Washtenaw, MI	Huron, OH	100
Detroit, MI	Washtenaw, MI	Ingham, MI	36
Detroit, MI	Washtenaw, MI	Ionia, MI	79
Detroit, MI	Washtenaw, MI	Isabella, MI	109
Detroit, MI	Washtenaw, MI	Jackson, MI	30
Detroit, MI	Washtenaw, MI	Kalamazoo, MI	87
Detroit, MI	Washtenaw, MI	Kent, MI	102
Detroit, MI	Washtenaw, MI	Lagrange, IN	92
Detroit, MI	Washtenaw, MI	Lapeer, MI	67
Detroit, MI	Washtenaw, MI	Lenawee, MI	27
Detroit, MI	Washtenaw, MI	Livingston, MI	25
Detroit, MI	Washtenaw, MI	Lucas, OH	47
Detroit, MI	Washtenaw, MI	Macomb, MI	55
Detroit, MI	Washtenaw, MI	Midland, MI	100
Detroit, MI	Washtenaw, MI	Monroe, MI	28
Detroit, MI	Washtenaw, MI	Montcalm, MI	96
Detroit, MI	Washtenaw, MI	Noble, IN	101

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Detroit, MI	Washtenaw, MI	Oakland, MI	36
Detroit, MI	Washtenaw, MI	Ottawa, OH	55
Detroit, MI	Washtenaw, MI	Paulding, OH	87
Detroit, MI	Washtenaw, MI	Putnam, OH	87
Detroit, MI	Washtenaw, MI	Saginaw, MI	76
Detroit, MI	Washtenaw, MI	Sandusky, OH	71
Detroit, MI	Washtenaw, MI	Sanilac, MI	96
Detroit, MI	Washtenaw, MI	Seneca, OH	86
Detroit, MI	Washtenaw, MI	Shiawassee, MI	51
Detroit, MI	Washtenaw, MI	St. Clair, MI	75
Detroit, MI	Washtenaw, MI	St. Joseph, MI	90
Detroit, MI	Washtenaw, MI	Steuben, IN	73
Detroit, MI	Washtenaw, MI	Tuscola, MI	87
Detroit, MI	Washtenaw, MI	Van Buren, MI	114
Detroit, MI	Washtenaw, MI	Van Wert, OH	105
Detroit, MI	Washtenaw, MI	Washtenaw, MI	15
Detroit, MI	Washtenaw, MI	Wayne, MI	25
Detroit, MI	Washtenaw, MI	Williams, OH	61
Detroit, MI	Washtenaw, MI	Wood, OH	60
Detroit, MI	Washtenaw, MI	Wyandot, OH	101
Detroit, MI	Wayne, MI	Allegan, MI	132
Detroit, MI	Wayne, MI	Allen, IN	119
Detroit, MI	Wayne, MI	Allen, OH	109
Detroit, MI	Wayne, MI	Arenac, MI	128
Detroit, MI	Wayne, MI	Barry, MI	103
Detroit, MI	Wayne, MI	Bay, MI	110
Detroit, MI	Wayne, MI	Branch, MI	91
Detroit, MI	Wayne, MI	Calhoun, MI	85
Detroit, MI	Wayne, MI	Cass, MI	138
Detroit, MI	Wayne, MI	Clare, MI	143
Detroit, MI	Wayne, MI	Clinton, MI	80
Detroit, MI	Wayne, MI	Crawford, OH	99
Detroit, MI	Wayne, MI	Defiance, OH	89
Detroit, MI	Wayne, MI	DeKalb, IN	103
Detroit, MI	Wayne, MI	Eaton, MI	80
Detroit, MI	Wayne, MI	Elkhart, IN	137
Detroit, MI	Wayne, MI	Erie, OH	61
Detroit, MI	Wayne, MI	Fulton, OH	60
Detroit, MI	Wayne, MI	Genesee, MI	56
Detroit, MI	Wayne, MI	Gladwin, MI	132
Detroit, MI	Wayne, MI	Gratiot, MI	97
Detroit, MI	Wayne, MI	Hancock, OH	88
Detroit, MI	Wayne, MI	Hardin, OH	110
Detroit, MI	Wayne, MI	Henry, OH	73
Detroit, MI	Wayne, MI	Hillsdale, MI	69
Detroit, MI	Wayne, MI	Huron, MI	114
Detroit, MI	Wayne, MI	Huron, OH	86
Detroit, MI	Wayne, MI	Ingham, MI	58
Detroit, MI	Wayne, MI	Ionia, MI	100

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Detroit, MI	Wayne, MI	Isabella, MI	123
Detroit, MI	Wayne, MI	Jackson, MI	55
Detroit, MI	Wayne, MI	Kalamazoo, MI	112
Detroit, MI	Wayne, MI	Kent, MI	125
Detroit, MI	Wayne, MI	Lagrange, IN	115
Detroit, MI	Wayne, MI	Lapeer, MI	60
Detroit, MI	Wayne, MI	Lenawee, MI	44
Detroit, MI	Wayne, MI	Livingston, MI	38
Detroit, MI	Wayne, MI	Lucas, OH	50
Detroit, MI	Wayne, MI	Macomb, MI	37
Detroit, MI	Wayne, MI	Midland, MI	111
Detroit, MI	Wayne, MI	Monroe, MI	25
Detroit, MI	Wayne, MI	Montcalm, MI	114
Detroit, MI	Wayne, MI	Noble, IN	122
Detroit, MI	Wayne, MI	Oakland, MI	29
Detroit, MI	Wayne, MI	Ottawa, OH	45
Detroit, MI	Wayne, MI	Paulding, OH	100
Detroit, MI	Wayne, MI	Putnam, OH	94
Detroit, MI	Wayne, MI	Saginaw, MI	84
Detroit, MI	Wayne, MI	Sandusky, OH	61
Detroit, MI	Wayne, MI	Sanilac, MI	86
Detroit, MI	Wayne, MI	Seneca, OH	78
Detroit, MI	Wayne, MI	Shiawassee, MI	64
Detroit, MI	Wayne, MI	St. Clair, MI	56
Detroit, MI	Wayne, MI	St. Joseph, MI	114
Detroit, MI	Wayne, MI	Steuben, IN	94
Detroit, MI	Wayne, MI	Tuscola, MI	85
Detroit, MI	Wayne, MI	Van Buren, MI	139
Detroit, MI	Wayne, MI	Van Wert, OH	116
Detroit, MI	Wayne, MI	Washtenaw, MI	25
Detroit, MI	Wayne, MI	Wayne, MI	13
Detroit, MI	Wayne, MI	Williams, OH	79
Detroit, MI	Wayne, MI	Wood, OH	61
Detroit, MI	Wayne, MI	Wyandot, OH	97
Evansville, IN	Dubois, IN	Anderson, KY	106
Evansville, IN	Dubois, IN	Barren, KY	110
Evansville, IN	Dubois, IN	Bartholomew, IN	78
Evansville, IN	Dubois, IN	Breckinridge, KY	46
Evansville, IN	Dubois, IN	Brown, IN	67
Evansville, IN	Dubois, IN	Bullitt, KY	69
Evansville, IN	Dubois, IN	Butler, KY	82
Evansville, IN	Dubois, IN	Caldwell, KY	99
Evansville, IN	Dubois, IN	Carroll, KY	98
Evansville, IN	Dubois, IN	Christian, KY	107
Evansville, IN	Dubois, IN	Clark, IL	83
Evansville, IN	Dubois, IN	Clark, IN	59
Evansville, IN	Dubois, IN	Clay, IL	91
Evansville, IN	Dubois, IN	Clay, IN	72
Evansville, IN	Dubois, IN	Coles, IL	108

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Evansville, IN	Dubois, IN	Crawford, IL	65
Evansville, IN	Dubois, IN	Crawford, IN	26
Evansville, IN	Dubois, IN	Crittenden, KY	97
Evansville, IN	Dubois, IN	Cumberland, IL	97
Evansville, IN	Dubois, IN	Daviess, IN	26
Evansville, IN	Dubois, IN	Daviess, KY	44
Evansville, IN	Dubois, IN	Decatur, IN	98
Evansville, IN	Dubois, IN	Dubois, IN	12
Evansville, IN	Dubois, IN	Edgar, IL	102
Evansville, IN	Dubois, IN	Edmonson, KY	88
Evansville, IN	Dubois, IN	Edwards, IL	64
Evansville, IN	Dubois, IN	Effingham, IL	104
Evansville, IN	Dubois, IN	Floyd, IN	54
Evansville, IN	Dubois, IN	Fountain, IN	126
Evansville, IN	Dubois, IN	Franklin, IL	114
Evansville, IN	Dubois, IN	Franklin, KY	109
Evansville, IN	Dubois, IN	Gallatin, IL	85
Evansville, IN	Dubois, IN	Gibson, IN	37
Evansville, IN	Dubois, IN	Grayson, KY	68
Evansville, IN	Dubois, IN	Green, KY	104
Evansville, IN	Dubois, IN	Greene, IN	47
Evansville, IN	Dubois, IN	Hamilton, IL	92
Evansville, IN	Dubois, IN	Hancock, KY	38
Evansville, IN	Dubois, IN	Hardin, IL	95
Evansville, IN	Dubois, IN	Hardin, KY	68
Evansville, IN	Dubois, IN	Harrison, IN	42
Evansville, IN	Dubois, IN	Hart, KY	91
Evansville, IN	Dubois, IN	Henderson, KY	54
Evansville, IN	Dubois, IN	Hendricks, IN	99
Evansville, IN	Dubois, IN	Henry, KY	94
Evansville, IN	Dubois, IN	Hopkins, KY	81
Evansville, IN	Dubois, IN	Jackson, IN	58
Evansville, IN	Dubois, IN	Jasper, IL	82
Evansville, IN	Dubois, IN	Jefferson, IL	111
Evansville, IN	Dubois, IN	Jefferson, IN	82
Evansville, IN	Dubois, IN	Jefferson, KY	67
Evansville, IN	Dubois, IN	Jennings, IN	81
Evansville, IN	Dubois, IN	Johnson, IN	88
Evansville, IN	Dubois, IN	Knox, IN	36
Evansville, IN	Dubois, IN	Larue, KY	84
Evansville, IN	Dubois, IN	Lawrence, IL	51
Evansville, IN	Dubois, IN	Lawrence, IN	39
Evansville, IN	Dubois, IN	Livingston, KY	113
Evansville, IN	Dubois, IN	Logan, KY	104
Evansville, IN	Dubois, IN	Lyon, KY	114
Evansville, IN	Dubois, IN	Marion, IL	112
Evansville, IN	Dubois, IN	Marion, IN	106
Evansville, IN	Dubois, IN	Marion, KY	103
Evansville, IN	Dubois, IN	Martin, IN	24

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Evansville, IN	Dubois, IN	McLean, KY	60
Evansville, IN	Dubois, IN	Meade, KY	44
Evansville, IN	Dubois, IN	Metcalfe, KY	117
Evansville, IN	Dubois, IN	Monroe, IN	59
Evansville, IN	Dubois, IN	Montgomery, IN	116
Evansville, IN	Dubois, IN	Morgan, IN	81
Evansville, IN	Dubois, IN	Muhlenberg, KY	80
Evansville, IN	Dubois, IN	Nelson, KY	85
Evansville, IN	Dubois, IN	Ohio, KY	62
Evansville, IN	Dubois, IN	Oldham, KY	76
Evansville, IN	Dubois, IN	Orange, IN	24
Evansville, IN	Dubois, IN	Owen, IN	66
Evansville, IN	Dubois, IN	Parke, IN	99
Evansville, IN	Dubois, IN	Perry, IN	26
Evansville, IN	Dubois, IN	Pike, IN	20
Evansville, IN	Dubois, IN	Pope, IL	118
Evansville, IN	Dubois, IN	Posey, IN	59
Evansville, IN	Dubois, IN	Putnam, IN	90
Evansville, IN	Dubois, IN	Richland, IL	70
Evansville, IN	Dubois, IN	Ripley, IN	101
Evansville, IN	Dubois, IN	Saline, IL	100
Evansville, IN	Dubois, IN	Scott, IN	65
Evansville, IN	Dubois, IN	Shelby, IN	99
Evansville, IN	Dubois, IN	Shelby, KY	91
Evansville, IN	Dubois, IN	Spencer, IN	27
Evansville, IN	Dubois, IN	Spencer, KY	88
Evansville, IN	Dubois, IN	Sullivan, IN	58
Evansville, IN	Dubois, IN	Switzerland, IN	105
Evansville, IN	Dubois, IN	Taylor, KY	112
Evansville, IN	Dubois, IN	Todd, KY	106
Evansville, IN	Dubois, IN	Trigg, KY	121
Evansville, IN	Dubois, IN	Trimble, KY	85
Evansville, IN	Dubois, IN	Union, KY	75
Evansville, IN	Dubois, IN	Vanderburgh, IN	46
Evansville, IN	Dubois, IN	Vermillion, IN	109
Evansville, IN	Dubois, IN	Vigo, IN	79
Evansville, IN	Dubois, IN	Wabash, IL	53
Evansville, IN	Dubois, IN	Warren, KY	99
Evansville, IN	Dubois, IN	Warrick, IN	30
Evansville, IN	Dubois, IN	Washington, IN	45
Evansville, IN	Dubois, IN	Washington, KY	101
Evansville, IN	Dubois, IN	Wayne, IL	84
Evansville, IN	Dubois, IN	Webster, KY	75
Evansville, IN	Dubois, IN	White, IL	73
Evansville, IN	Vanderburgh, IN	Anderson, KY	141
Evansville, IN	Vanderburgh, IN	Barren, KY	115
Evansville, IN	Vanderburgh, IN	Bartholomew, IN	123
Evansville, IN	Vanderburgh, IN	Breckinridge, KY	65
Evansville, IN	Vanderburgh, IN	Brown, IN	110

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Evansville, IN	Vanderburgh, IN	Bullitt, KY	101
Evansville, IN	Vanderburgh, IN	Butler, KY	75
Evansville, IN	Vanderburgh, IN	Caldwell, KY	60
Evansville, IN	Vanderburgh, IN	Carroll, KY	141
Evansville, IN	Vanderburgh, IN	Christian, KY	76
Evansville, IN	Vanderburgh, IN	Clark, IL	92
Evansville, IN	Vanderburgh, IN	Clark, IN	101
Evansville, IN	Vanderburgh, IN	Clay, IL	72
Evansville, IN	Vanderburgh, IN	Clay, IN	100
Evansville, IN	Vanderburgh, IN	Coles, IL	112
Evansville, IN	Vanderburgh, IN	Crawford, IL	71
Evansville, IN	Vanderburgh, IN	Crawford, IN	65
Evansville, IN	Vanderburgh, IN	Crittenden, KY	54
Evansville, IN	Vanderburgh, IN	Cumberland, IL	95
Evansville, IN	Vanderburgh, IN	Daviess, IN	55
Evansville, IN	Vanderburgh, IN	Daviess, KY	33
Evansville, IN	Vanderburgh, IN	Decatur, IN	144
Evansville, IN	Vanderburgh, IN	Dubois, IN	46
Evansville, IN	Vanderburgh, IN	Edgar, IL	117
Evansville, IN	Vanderburgh, IN	Edmonson, KY	92
Evansville, IN	Vanderburgh, IN	Edwards, IL	39
Evansville, IN	Vanderburgh, IN	Effingham, IL	92
Evansville, IN	Vanderburgh, IN	Floyd, IN	94
Evansville, IN	Vanderburgh, IN	Fountain, IN	150
Evansville, IN	Vanderburgh, IN	Franklin, IL	74
Evansville, IN	Vanderburgh, IN	Franklin, KY	148
Evansville, IN	Vanderburgh, IN	Gallatin, IL	39
Evansville, IN	Vanderburgh, IN	Gibson, IN	24
Evansville, IN	Vanderburgh, IN	Grayson, KY	76
Evansville, IN	Vanderburgh, IN	Green, KY	121
Evansville, IN	Vanderburgh, IN	Greene, IN	79
Evansville, IN	Vanderburgh, IN	Hamilton, IL	53
Evansville, IN	Vanderburgh, IN	Hancock, KY	46
Evansville, IN	Vanderburgh, IN	Hardin, IL	50
Evansville, IN	Vanderburgh, IN	Hardin, KY	91
Evansville, IN	Vanderburgh, IN	Harrison, IN	80
Evansville, IN	Vanderburgh, IN	Hart, KY	103
Evansville, IN	Vanderburgh, IN	Henderson, KY	13
Evansville, IN	Vanderburgh, IN	Hendricks, IN	135
Evansville, IN	Vanderburgh, IN	Henry, KY	136
Evansville, IN	Vanderburgh, IN	Hopkins, KY	46
Evansville, IN	Vanderburgh, IN	Jackson, IN	104
Evansville, IN	Vanderburgh, IN	Jasper, IL	77
Evansville, IN	Vanderburgh, IN	Jefferson, IL	76
Evansville, IN	Vanderburgh, IN	Jefferson, IN	127
Evansville, IN	Vanderburgh, IN	Jefferson, KY	105
Evansville, IN	Vanderburgh, IN	Jennings, IN	127
Evansville, IN	Vanderburgh, IN	Johnson, IN	130
Evansville, IN	Vanderburgh, IN	Knox, IN	47

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Evansville, IN	Vanderburgh, IN	Larue, KY	106
Evansville, IN	Vanderburgh, IN	Lawrence, IL	50
Evansville, IN	Vanderburgh, IN	Lawrence, IN	83
Evansville, IN	Vanderburgh, IN	Livingston, KY	69
Evansville, IN	Vanderburgh, IN	Logan, KY	88
Evansville, IN	Vanderburgh, IN	Lyon, KY	73
Evansville, IN	Vanderburgh, IN	Marion, IL	86
Evansville, IN	Vanderburgh, IN	Marion, IN	145
Evansville, IN	Vanderburgh, IN	Marion, KY	129
Evansville, IN	Vanderburgh, IN	Martin, IN	64
Evansville, IN	Vanderburgh, IN	McLean, KY	38
Evansville, IN	Vanderburgh, IN	Meade, KY	74
Evansville, IN	Vanderburgh, IN	Metcalfe, KY	127
Evansville, IN	Vanderburgh, IN	Monroe, IN	99
Evansville, IN	Vanderburgh, IN	Montgomery, IN	146
Evansville, IN	Vanderburgh, IN	Morgan, IN	119
Evansville, IN	Vanderburgh, IN	Muhlenberg, KY	58
Evansville, IN	Vanderburgh, IN	Nelson, KY	113
Evansville, IN	Vanderburgh, IN	Ohio, KY	53
Evansville, IN	Vanderburgh, IN	Oldham, KY	117
Evansville, IN	Vanderburgh, IN	Orange, IN	70
Evansville, IN	Vanderburgh, IN	Owen, IN	99
Evansville, IN	Vanderburgh, IN	Parke, IN	125
Evansville, IN	Vanderburgh, IN	Perry, IN	53
Evansville, IN	Vanderburgh, IN	Pike, IN	33
Evansville, IN	Vanderburgh, IN	Pope, IL	72
Evansville, IN	Vanderburgh, IN	Posey, IN	16
Evansville, IN	Vanderburgh, IN	Putnam, IN	122
Evansville, IN	Vanderburgh, IN	Richland, IL	57
Evansville, IN	Vanderburgh, IN	Ripley, IN	146
Evansville, IN	Vanderburgh, IN	Saline, IL	55
Evansville, IN	Vanderburgh, IN	Scott, IN	110
Evansville, IN	Vanderburgh, IN	Shelby, IN	143
Evansville, IN	Vanderburgh, IN	Shelby, KY	129
Evansville, IN	Vanderburgh, IN	Spencer, IN	31
Evansville, IN	Vanderburgh, IN	Spencer, KY	124
Evansville, IN	Vanderburgh, IN	Sullivan, IN	75
Evansville, IN	Vanderburgh, IN	Switzerland, IN	150
Evansville, IN	Vanderburgh, IN	Taylor, KY	132
Evansville, IN	Vanderburgh, IN	Todd, KY	82
Evansville, IN	Vanderburgh, IN	Trigg, KY	84
Evansville, IN	Vanderburgh, IN	Trimble, KY	129
Evansville, IN	Vanderburgh, IN	Union, KY	30
Evansville, IN	Vanderburgh, IN	Vanderburgh, IN	7
Evansville, IN	Vanderburgh, IN	Vermillion, IN	130
Evansville, IN	Vanderburgh, IN	Vigo, IN	100
Evansville, IN	Vanderburgh, IN	Wabash, IL	32
Evansville, IN	Vanderburgh, IN	Warren, KY	95
Evansville, IN	Vanderburgh, IN	Warrick, IN	16

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Evansville, IN	Vanderburgh, IN	Washington, IN	90
Evansville, IN	Vanderburgh, IN	Washington, KY	131
Evansville, IN	Vanderburgh, IN	Wayne, IL	55
Evansville, IN	Vanderburgh, IN	Webster, KY	35
Evansville, IN	Vanderburgh, IN	White, IL	33
Franklin County, ID	Cache, UT	Ada, ID	260
Franklin County, ID	Cache, UT	Albany, WY	313
Franklin County, ID	Cache, UT	Baker, OR	369
Franklin County, ID	Cache, UT	Bannock, ID	70
Franklin County, ID	Cache, UT	Bear Lake, ID	48
Franklin County, ID	Cache, UT	Beaver, UT	243
Franklin County, ID	Cache, UT	Beaverhead, MT	248
Franklin County, ID	Cache, UT	Big Horn, WY	276
Franklin County, ID	Cache, UT	Bingham, ID	112
Franklin County, ID	Cache, UT	Blaine, ID	157
Franklin County, ID	Cache, UT	Boise, ID	259
Franklin County, ID	Cache, UT	Bonneville, ID	114
Franklin County, ID	Cache, UT	Box Elder, UT	95
Franklin County, ID	Cache, UT	Butte, ID	159
Franklin County, ID	Cache, UT	Cache, UT	19
Franklin County, ID	Cache, UT	Camas, ID	203
Franklin County, ID	Cache, UT	Canyon, ID	283
Franklin County, ID	Cache, UT	Carbon, MT	283
Franklin County, ID	Cache, UT	Carbon, UT	153
Franklin County, ID	Cache, UT	Carbon, WY	255
Franklin County, ID	Cache, UT	Caribou, ID	72
Franklin County, ID	Cache, UT	Carson, NV	455
Franklin County, ID	Cache, UT	Cassia, ID	108
Franklin County, ID	Cache, UT	Churchill, NV	376
Franklin County, ID	Cache, UT	Clark, ID	181
Franklin County, ID	Cache, UT	Clark, NV	441
Franklin County, ID	Cache, UT	Converse, WY	330
Franklin County, ID	Cache, UT	Crook, OR	467
Franklin County, ID	Cache, UT	Custer, ID	218
Franklin County, ID	Cache, UT	Daggett, UT	118
Franklin County, ID	Cache, UT	Davis, UT	49
Franklin County, ID	Cache, UT	Deschutes, OR	516
Franklin County, ID	Cache, UT	Duchesne, UT	116
Franklin County, ID	Cache, UT	Elko, NV	202
Franklin County, ID	Cache, UT	Elmore, ID	228
Franklin County, ID	Cache, UT	Emery, UT	187
Franklin County, ID	Cache, UT	Esmeralda, NV	418
Franklin County, ID	Cache, UT	Eureka, NV	259
Franklin County, ID	Cache, UT	Franklin, ID	37
Franklin County, ID	Cache, UT	Fremont, ID	183
Franklin County, ID	Cache, UT	Fremont, WY	190
Franklin County, ID	Cache, UT	Gallatin, MT	254
Franklin County, ID	Cache, UT	Garfield, CO	259
Franklin County, ID	Cache, UT	Gem, ID	287

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Franklin County, ID	Cache, UT	Gooding, ID	181
Franklin County, ID	Cache, UT	Grand, UT	217
Franklin County, ID	Cache, UT	Grant, OR	415
Franklin County, ID	Cache, UT	Harney, OR	386
Franklin County, ID	Cache, UT	Hot Springs, WY	215
Franklin County, ID	Cache, UT	Humboldt, NV	334
Franklin County, ID	Cache, UT	Inyo, CA	467
Franklin County, ID	Cache, UT	Iron, UT	281
Franklin County, ID	Cache, UT	Jackson, CO	290
Franklin County, ID	Cache, UT	Jefferson, ID	152
Franklin County, ID	Cache, UT	Jerome, ID	147
Franklin County, ID	Cache, UT	Juab, UT	152
Franklin County, ID	Cache, UT	Lake, OR	463
Franklin County, ID	Cache, UT	Lander, NV	301
Franklin County, ID	Cache, UT	Lassen, CA	473
Franklin County, ID	Cache, UT	Lemhi, ID	256
Franklin County, ID	Cache, UT	Lincoln, ID	153
Franklin County, ID	Cache, UT	Lincoln, NV	322
Franklin County, ID	Cache, UT	Lincoln, WY	71
Franklin County, ID	Cache, UT	Lyon, NV	429
Franklin County, ID	Cache, UT	Madison, ID	145
Franklin County, ID	Cache, UT	Madison, MT	249
Franklin County, ID	Cache, UT	Malheur, OR	319
Franklin County, ID	Cache, UT	Millard, UT	194
Franklin County, ID	Cache, UT	Mineral, NV	412
Franklin County, ID	Cache, UT	Minidoka, ID	124
Franklin County, ID	Cache, UT	Modoc, CA	465
Franklin County, ID	Cache, UT	Moffat, CO	199
Franklin County, ID	Cache, UT	Mohave, AZ	438
Franklin County, ID	Cache, UT	Morgan, UT	42
Franklin County, ID	Cache, UT	Natrona, WY	268
Franklin County, ID	Cache, UT	Nevada, CA	516
Franklin County, ID	Cache, UT	Nye, NV	382
Franklin County, ID	Cache, UT	Oneida, ID	57
Franklin County, ID	Cache, UT	Owyhee, ID	244
Franklin County, ID	Cache, UT	Park, MT	277
Franklin County, ID	Cache, UT	Park, WY	221
Franklin County, ID	Cache, UT	Payette, ID	303
Franklin County, ID	Cache, UT	Pershing, NV	353
Franklin County, ID	Cache, UT	Placer, CA	509
Franklin County, ID	Cache, UT	Power, ID	91
Franklin County, ID	Cache, UT	Rich, UT	27
Franklin County, ID	Cache, UT	Rio Blanco, CO	222
Franklin County, ID	Cache, UT	Routt, CO	259
Franklin County, ID	Cache, UT	Salt Lake, UT	71
Franklin County, ID	Cache, UT	Sanpete, UT	157
Franklin County, ID	Cache, UT	Sevier, UT	201
Franklin County, ID	Cache, UT	Sierra, CA	483
Franklin County, ID	Cache, UT	Storey, NV	439

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Franklin County, ID	Cache, UT	Sublette, WY	122
Franklin County, ID	Cache, UT	Summit, UT	74
Franklin County, ID	Cache, UT	Sweetwater, WY	142
Franklin County, ID	Cache, UT	Teton, ID	145
Franklin County, ID	Cache, UT	Teton, WY	168
Franklin County, ID	Cache, UT	Tooele, UT	111
Franklin County, ID	Cache, UT	Twin Falls, ID	154
Franklin County, ID	Cache, UT	Uinta, WY	67
Franklin County, ID	Cache, UT	Uintah, UT	157
Franklin County, ID	Cache, UT	Utah, UT	104
Franklin County, ID	Cache, UT	Valley, ID	287
Franklin County, ID	Cache, UT	Wasatch, UT	101
Franklin County, ID	Cache, UT	Washakie, WY	255
Franklin County, ID	Cache, UT	Washington, ID	324
Franklin County, ID	Cache, UT	Washington, UT	317
Franklin County, ID	Cache, UT	Washoe, NV	420
Franklin County, ID	Cache, UT	Weber, UT	29
Franklin County, ID	Cache, UT	White Pine, NV	232
Franklin County, ID	Franklin, ID	Ada, ID	238
Franklin County, ID	Franklin, ID	Albany, WY	319
Franklin County, ID	Franklin, ID	Baker, OR	344
Franklin County, ID	Franklin, ID	Bannock, ID	34
Franklin County, ID	Franklin, ID	Bear Lake, ID	28
Franklin County, ID	Franklin, ID	Beaver, UT	276
Franklin County, ID	Franklin, ID	Beaverhead, MT	211
Franklin County, ID	Franklin, ID	Big Horn, WY	254
Franklin County, ID	Franklin, ID	Bingham, ID	75
Franklin County, ID	Franklin, ID	Blaine, ID	128
Franklin County, ID	Franklin, ID	Boise, ID	232
Franklin County, ID	Franklin, ID	Bonneville, ID	80
Franklin County, ID	Franklin, ID	Box Elder, UT	101
Franklin County, ID	Franklin, ID	Butte, ID	124
Franklin County, ID	Franklin, ID	Cache, UT	37
Franklin County, ID	Franklin, ID	Camas, ID	177
Franklin County, ID	Franklin, ID	Canyon, ID	261
Franklin County, ID	Franklin, ID	Carbon, MT	254
Franklin County, ID	Franklin, ID	Carbon, UT	190
Franklin County, ID	Franklin, ID	Carbon, WY	262
Franklin County, ID	Franklin, ID	Caribou, ID	37
Franklin County, ID	Franklin, ID	Carson, NV	463
Franklin County, ID	Franklin, ID	Cassia, ID	92
Franklin County, ID	Franklin, ID	Churchill, NV	385
Franklin County, ID	Franklin, ID	Clark, ID	144
Franklin County, ID	Franklin, ID	Clark, NV	472
Franklin County, ID	Franklin, ID	Converse, WY	327
Franklin County, ID	Franklin, ID	Crook, OR	447
Franklin County, ID	Franklin, ID	Custer, ID	186
Franklin County, ID	Franklin, ID	Daggett, UT	144
Franklin County, ID	Franklin, ID	Davis, UT	85

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Franklin County, ID	Franklin, ID	Deschutes, OR	498
Franklin County, ID	Franklin, ID	Duchesne, UT	150
Franklin County, ID	Franklin, ID	Elko, NV	206
Franklin County, ID	Franklin, ID	Elmore, ID	205
Franklin County, ID	Franklin, ID	Emery, UT	223
Franklin County, ID	Franklin, ID	Esmeralda, NV	438
Franklin County, ID	Franklin, ID	Eureka, NV	271
Franklin County, ID	Franklin, ID	Franklin, ID	14
Franklin County, ID	Franklin, ID	Fremont, ID	147
Franklin County, ID	Franklin, ID	Fremont, WY	178
Franklin County, ID	Franklin, ID	Gallatin, MT	219
Franklin County, ID	Franklin, ID	Garfield, CO	284
Franklin County, ID	Franklin, ID	Gem, ID	261
Franklin County, ID	Franklin, ID	Gooding, ID	160
Franklin County, ID	Franklin, ID	Grand, UT	252
Franklin County, ID	Franklin, ID	Grant, OR	393
Franklin County, ID	Franklin, ID	Harney, OR	372
Franklin County, ID	Franklin, ID	Hot Springs, WY	196
Franklin County, ID	Franklin, ID	Humboldt, NV	332
Franklin County, ID	Franklin, ID	Inyo, CA	491
Franklin County, ID	Franklin, ID	Iron, UT	314
Franklin County, ID	Franklin, ID	Jackson, CO	306
Franklin County, ID	Franklin, ID	Jefferson, ID	115
Franklin County, ID	Franklin, ID	Jerome, ID	128
Franklin County, ID	Franklin, ID	Juab, UT	185
Franklin County, ID	Franklin, ID	Lake, OR	450
Franklin County, ID	Franklin, ID	Lander, NV	310
Franklin County, ID	Franklin, ID	Lassen, CA	474
Franklin County, ID	Franklin, ID	Lemhi, ID	221
Franklin County, ID	Franklin, ID	Lincoln, ID	129
Franklin County, ID	Franklin, ID	Lincoln, NV	350
Franklin County, ID	Franklin, ID	Lincoln, WY	56
Franklin County, ID	Franklin, ID	Lyon, NV	439
Franklin County, ID	Franklin, ID	Madison, ID	108
Franklin County, ID	Franklin, ID	Madison, MT	212
Franklin County, ID	Franklin, ID	Malheur, OR	302
Franklin County, ID	Franklin, ID	Millard, UT	227
Franklin County, ID	Franklin, ID	Mineral, NV	427
Franklin County, ID	Franklin, ID	Minidoka, ID	98
Franklin County, ID	Franklin, ID	Modoc, CA	459
Franklin County, ID	Franklin, ID	Moffat, CO	220
Franklin County, ID	Franklin, ID	Mohave, AZ	471
Franklin County, ID	Franklin, ID	Morgan, UT	79
Franklin County, ID	Franklin, ID	Natrona, WY	263
Franklin County, ID	Franklin, ID	Nevada, CA	521
Franklin County, ID	Franklin, ID	Nye, NV	405
Franklin County, ID	Franklin, ID	Oneida, ID	36
Franklin County, ID	Franklin, ID	Owyhee, ID	228
Franklin County, ID	Franklin, ID	Park, MT	243

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Franklin County, ID	Franklin, ID	Park, WY	195
Franklin County, ID	Franklin, ID	Payette, ID	280
Franklin County, ID	Franklin, ID	Pershing, NV	357
Franklin County, ID	Franklin, ID	Placer, CA	517
Franklin County, ID	Franklin, ID	Power, ID	61
Franklin County, ID	Franklin, ID	Rich, UT	54
Franklin County, ID	Franklin, ID	Rio Blanco, CO	247
Franklin County, ID	Franklin, ID	Routt, CO	277
Franklin County, ID	Franklin, ID	Salt Lake, UT	107
Franklin County, ID	Franklin, ID	Sanpete, UT	194
Franklin County, ID	Franklin, ID	Sevier, UT	238
Franklin County, ID	Franklin, ID	Sierra, CA	488
Franklin County, ID	Franklin, ID	Storey, NV	446
Franklin County, ID	Franklin, ID	Sublette, WY	106
Franklin County, ID	Franklin, ID	Summit, UT	107
Franklin County, ID	Franklin, ID	Sweetwater, WY	152
Franklin County, ID	Franklin, ID	Teton, ID	110
Franklin County, ID	Franklin, ID	Teton, WY	137
Franklin County, ID	Franklin, ID	Tooele, UT	138
Franklin County, ID	Franklin, ID	Twin Falls, ID	139
Franklin County, ID	Franklin, ID	Uinta, WY	93
Franklin County, ID	Franklin, ID	Uintah, UT	187
Franklin County, ID	Franklin, ID	Utah, UT	141
Franklin County, ID	Franklin, ID	Valley, ID	256
Franklin County, ID	Franklin, ID	Wasatch, UT	138
Franklin County, ID	Franklin, ID	Washakie, WY	240
Franklin County, ID	Franklin, ID	Washington, ID	297
Franklin County, ID	Franklin, ID	Washington, UT	350
Franklin County, ID	Franklin, ID	Washoe, NV	421
Franklin County, ID	Franklin, ID	Weber, UT	65
Franklin County, ID	Franklin, ID	White Pine, NV	254
Gadsden, AL	Etowah, AL	Autauga, AL	110
Gadsden, AL	Etowah, AL	Bartow, GA	71
Gadsden, AL	Etowah, AL	Bedford, TN	106
Gadsden, AL	Etowah, AL	Bibb, AL	91
Gadsden, AL	Etowah, AL	Bledsoe, TN	115
Gadsden, AL	Etowah, AL	Blount, AL	28
Gadsden, AL	Etowah, AL	Bradley, TN	105
Gadsden, AL	Etowah, AL	Calhoun, AL	21
Gadsden, AL	Etowah, AL	Cannon, TN	124
Gadsden, AL	Etowah, AL	Carroll, GA	60
Gadsden, AL	Etowah, AL	Catoosa, GA	78
Gadsden, AL	Etowah, AL	Chambers, AL	85
Gadsden, AL	Etowah, AL	Chattooga, GA	50
Gadsden, AL	Etowah, AL	Cherokee, AL	27
Gadsden, AL	Etowah, AL	Cherokee, GA	92
Gadsden, AL	Etowah, AL	Chickasaw, MS	166
Gadsden, AL	Etowah, AL	Chilton, AL	88
Gadsden, AL	Etowah, AL	Clay, AL	52

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Gadsden, AL	Etowah, AL	Clay, MS	159
Gadsden, AL	Etowah, AL	Clayton, GA	104
Gadsden, AL	Etowah, AL	Cleburne, AL	38
Gadsden, AL	Etowah, AL	Cobb, GA	84
Gadsden, AL	Etowah, AL	Coffee, TN	102
Gadsden, AL	Etowah, AL	Colbert, AL	111
Gadsden, AL	Etowah, AL	Coosa, AL	77
Gadsden, AL	Etowah, AL	Coweta, GA	86
Gadsden, AL	Etowah, AL	Cullman, AL	50
Gadsden, AL	Etowah, AL	Cumberland, TN	147
Gadsden, AL	Etowah, AL	Dade, GA	62
Gadsden, AL	Etowah, AL	Dallas, AL	129
Gadsden, AL	Etowah, AL	Dawson, GA	109
Gadsden, AL	Etowah, AL	DeKalb, AL	40
Gadsden, AL	Etowah, AL	DeKalb, GA	106
Gadsden, AL	Etowah, AL	Douglas, GA	77
Gadsden, AL	Etowah, AL	Elmore, AL	99
Gadsden, AL	Etowah, AL	Etowah, AL	13
Gadsden, AL	Etowah, AL	Fannin, GA	117
Gadsden, AL	Etowah, AL	Fayette, AL	100
Gadsden, AL	Etowah, AL	Fayette, GA	98
Gadsden, AL	Etowah, AL	Floyd, GA	53
Gadsden, AL	Etowah, AL	Forsyth, GA	109
Gadsden, AL	Etowah, AL	Franklin, AL	108
Gadsden, AL	Etowah, AL	Franklin, TN	80
Gadsden, AL	Etowah, AL	Fulton, GA	95
Gadsden, AL	Etowah, AL	Giles, TN	100
Gadsden, AL	Etowah, AL	Gilmer, GA	102
Gadsden, AL	Etowah, AL	Gordon, GA	75
Gadsden, AL	Etowah, AL	Greene, AL	140
Gadsden, AL	Etowah, AL	Grundy, TN	96
Gadsden, AL	Etowah, AL	Gwinnett, GA	115
Gadsden, AL	Etowah, AL	Hale, AL	128
Gadsden, AL	Etowah, AL	Hamilton, TN	97
Gadsden, AL	Etowah, AL	Haralson, GA	51
Gadsden, AL	Etowah, AL	Hardin, TN	147
Gadsden, AL	Etowah, AL	Harris, GA	111
Gadsden, AL	Etowah, AL	Heard, GA	74
Gadsden, AL	Etowah, AL	Itawamba, MS	134
Gadsden, AL	Etowah, AL	Jackson, AL	49
Gadsden, AL	Etowah, AL	Jefferson, AL	57
Gadsden, AL	Etowah, AL	Lamar, AL	119
Gadsden, AL	Etowah, AL	Lauderdale, AL	106
Gadsden, AL	Etowah, AL	Lawrence, AL	82
Gadsden, AL	Etowah, AL	Lawrence, TN	114
Gadsden, AL	Etowah, AL	Lee, AL	107
Gadsden, AL	Etowah, AL	Lee, MS	152
Gadsden, AL	Etowah, AL	Limestone, AL	77
Gadsden, AL	Etowah, AL	Lincoln, TN	86

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Gadsden, AL	Etowah, AL	Lowndes, AL	132
Gadsden, AL	Etowah, AL	Lowndes, MS	142
Gadsden, AL	Etowah, AL	Macon, AL	113
Gadsden, AL	Etowah, AL	Madison, AL	58
Gadsden, AL	Etowah, AL	Marengo, AL	156
Gadsden, AL	Etowah, AL	Marion, AL	108
Gadsden, AL	Etowah, AL	Marion, TN	82
Gadsden, AL	Etowah, AL	Marshall, AL	29
Gadsden, AL	Etowah, AL	Marshall, TN	109
Gadsden, AL	Etowah, AL	Maury, TN	126
Gadsden, AL	Etowah, AL	McMinn, TN	127
Gadsden, AL	Etowah, AL	Meigs, TN	125
Gadsden, AL	Etowah, AL	Meriwether, GA	103
Gadsden, AL	Etowah, AL	Monroe, MS	140
Gadsden, AL	Etowah, AL	Montgomery, AL	124
Gadsden, AL	Etowah, AL	Moore, TN	88
Gadsden, AL	Etowah, AL	Morgan, AL	56
Gadsden, AL	Etowah, AL	Murray, GA	91
Gadsden, AL	Etowah, AL	Noxubee, MS	159
Gadsden, AL	Etowah, AL	Paulding, GA	67
Gadsden, AL	Etowah, AL	Perry, AL	122
Gadsden, AL	Etowah, AL	Pickens, AL	128
Gadsden, AL	Etowah, AL	Pickens, GA	94
Gadsden, AL	Etowah, AL	Polk, GA	49
Gadsden, AL	Etowah, AL	Polk, TN	117
Gadsden, AL	Etowah, AL	Prentiss, MS	147
Gadsden, AL	Etowah, AL	Randolph, AL	60
Gadsden, AL	Etowah, AL	Rhea, TN	128
Gadsden, AL	Etowah, AL	Roane, TN	152
Gadsden, AL	Etowah, AL	Rutherford, TN	129
Gadsden, AL	Etowah, AL	Sequatchie, TN	100
Gadsden, AL	Etowah, AL	Shelby, AL	63
Gadsden, AL	Etowah, AL	Spalding, GA	115
Gadsden, AL	Etowah, AL	St. Clair, AL	29
Gadsden, AL	Etowah, AL	Sumter, AL	157
Gadsden, AL	Etowah, AL	Talladega, AL	43
Gadsden, AL	Etowah, AL	Tallapoosa, AL	86
Gadsden, AL	Etowah, AL	Tishomingo, MS	134
Gadsden, AL	Etowah, AL	Troup, GA	89
Gadsden, AL	Etowah, AL	Tuscaloosa, AL	97
Gadsden, AL	Etowah, AL	Van Buren, TN	119
Gadsden, AL	Etowah, AL	Walker, AL	73
Gadsden, AL	Etowah, AL	Walker, GA	67
Gadsden, AL	Etowah, AL	Warren, TN	115
Gadsden, AL	Etowah, AL	Wayne, TN	130
Gadsden, AL	Etowah, AL	Whitfield, GA	81
Gadsden, AL	Etowah, AL	Wilcox, AL	153
Gadsden, AL	Etowah, AL	Williamson, TN	138
Gadsden, AL	Etowah, AL	Winston, AL	77

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Grand Rapids, MI	Kent, MI	Alcona, MI	151
Grand Rapids, MI	Kent, MI	Allegan, MI	35
Grand Rapids, MI	Kent, MI	Antrim, MI	139
Grand Rapids, MI	Kent, MI	Arenac, MI	107
Grand Rapids, MI	Kent, MI	Barry, MI	33
Grand Rapids, MI	Kent, MI	Bay, MI	90
Grand Rapids, MI	Kent, MI	Benzie, MI	114
Grand Rapids, MI	Kent, MI	Berrien, MI	83
Grand Rapids, MI	Kent, MI	Branch, MI	81
Grand Rapids, MI	Kent, MI	Calhoun, MI	61
Grand Rapids, MI	Kent, MI	Cass, MI	80
Grand Rapids, MI	Kent, MI	Clare, MI	75
Grand Rapids, MI	Kent, MI	Clinton, MI	48
Grand Rapids, MI	Kent, MI	Crawford, MI	123
Grand Rapids, MI	Kent, MI	Defiance, OH	131
Grand Rapids, MI	Kent, MI	DeKalb, IN	117
Grand Rapids, MI	Kent, MI	Eaton, MI	47
Grand Rapids, MI	Kent, MI	Elkhart, IN	100
Grand Rapids, MI	Kent, MI	Fulton, OH	123
Grand Rapids, MI	Kent, MI	Genesee, MI	94
Grand Rapids, MI	Kent, MI	Gladwin, MI	88
Grand Rapids, MI	Kent, MI	Grand Traverse, MI	119
Grand Rapids, MI	Kent, MI	Gratiot, MI	51
Grand Rapids, MI	Kent, MI	Henry, OH	141
Grand Rapids, MI	Kent, MI	Hillsdale, MI	93
Grand Rapids, MI	Kent, MI	Huron, MI	140
Grand Rapids, MI	Kent, MI	Ingham, MI	67
Grand Rapids, MI	Kent, MI	Ionia, MI	25
Grand Rapids, MI	Kent, MI	Iosco, MI	133
Grand Rapids, MI	Kent, MI	Isabella, MI	55
Grand Rapids, MI	Kent, MI	Jackson, MI	79
Grand Rapids, MI	Kent, MI	Jasper, IN	161
Grand Rapids, MI	Kent, MI	Kalamazoo, MI	54
Grand Rapids, MI	Kent, MI	Kalkaska, MI	117
Grand Rapids, MI	Kent, MI	Kent, MI	16
Grand Rapids, MI	Kent, MI	Kosciusko, IN	125
Grand Rapids, MI	Kent, MI	Lagrange, IN	96
Grand Rapids, MI	Kent, MI	Lake, MI	68
Grand Rapids, MI	Kent, MI	Lapeer, MI	118
Grand Rapids, MI	Kent, MI	LaPorte, IN	122
Grand Rapids, MI	Kent, MI	Leelanau, MI	147
Grand Rapids, MI	Kent, MI	Lenawee, MI	109
Grand Rapids, MI	Kent, MI	Livingston, MI	88
Grand Rapids, MI	Kent, MI	Lucas, OH	137
Grand Rapids, MI	Kent, MI	Manistee, MI	94
Grand Rapids, MI	Kent, MI	Marshall, IN	124
Grand Rapids, MI	Kent, MI	Mason, MI	76
Grand Rapids, MI	Kent, MI	Mecosta, MI	44
Grand Rapids, MI	Kent, MI	Midland, MI	72

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Grand Rapids, MI	Kent, MI	Missaukee, MI	93
Grand Rapids, MI	Kent, MI	Monroe, MI	128
Grand Rapids, MI	Kent, MI	Montcalm, MI	30
Grand Rapids, MI	Kent, MI	Montmorency, MI	155
Grand Rapids, MI	Kent, MI	Muskegon, MI	38
Grand Rapids, MI	Kent, MI	Newaygo, MI	38
Grand Rapids, MI	Kent, MI	Noble, IN	113
Grand Rapids, MI	Kent, MI	Oakland, MI	113
Grand Rapids, MI	Kent, MI	Oceana, MI	56
Grand Rapids, MI	Kent, MI	Ogemaw, MI	115
Grand Rapids, MI	Kent, MI	Osceola, MI	67
Grand Rapids, MI	Kent, MI	Oscoda, MI	134
Grand Rapids, MI	Kent, MI	Otsego, MI	146
Grand Rapids, MI	Kent, MI	Ottawa, MI	23
Grand Rapids, MI	Kent, MI	Porter, IN	134
Grand Rapids, MI	Kent, MI	Roscommon, MI	102
Grand Rapids, MI	Kent, MI	Saginaw, MI	80
Grand Rapids, MI	Kent, MI	Sanilac, MI	140
Grand Rapids, MI	Kent, MI	Shiawassee, MI	71
Grand Rapids, MI	Kent, MI	St. Joseph, IN	106
Grand Rapids, MI	Kent, MI	St. Joseph, MI	77
Grand Rapids, MI	Kent, MI	Starke, IN	132
Grand Rapids, MI	Kent, MI	Steuben, IN	100
Grand Rapids, MI	Kent, MI	Tuscola, MI	112
Grand Rapids, MI	Kent, MI	Van Buren, MI	60
Grand Rapids, MI	Kent, MI	Washtenaw, MI	102
Grand Rapids, MI	Kent, MI	Wayne, MI	125
Grand Rapids, MI	Kent, MI	Wexford, MI	90
Grand Rapids, MI	Kent, MI	Williams, OH	113
Green Bay, WI	Brown, WI	Adams, WI	96
Green Bay, WI	Brown, WI	Alger, MI	146
Green Bay, WI	Brown, WI	Ashland, WI	196
Green Bay, WI	Brown, WI	Baraga, MI	155
Green Bay, WI	Brown, WI	Barron, WI	201
Green Bay, WI	Brown, WI	Brown, WI	12
Green Bay, WI	Brown, WI	Buffalo, WI	185
Green Bay, WI	Brown, WI	Calumet, WI	30
Green Bay, WI	Brown, WI	Chippewa, WI	168
Green Bay, WI	Brown, WI	Clark, WI	131
Green Bay, WI	Brown, WI	Columbia, WI	95
Green Bay, WI	Brown, WI	Dane, WI	120
Green Bay, WI	Brown, WI	Delta, MI	102
Green Bay, WI	Brown, WI	Dickinson, MI	106
Green Bay, WI	Brown, WI	Dodge, WI	81
Green Bay, WI	Brown, WI	Door, WI	57
Green Bay, WI	Brown, WI	Dunn, WI	195
Green Bay, WI	Brown, WI	Eau Claire, WI	164
Green Bay, WI	Brown, WI	Florence, WI	99
Green Bay, WI	Brown, WI	Fond du Lac, WI	57

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Green Bay, WI	Brown, WI	Forest, WI	98
Green Bay, WI	Brown, WI	Gogebic, MI	162
Green Bay, WI	Brown, WI	Green Lake, WI	69
Green Bay, WI	Brown, WI	Green, WI	148
Green Bay, WI	Brown, WI	Houghton, MI	170
Green Bay, WI	Brown, WI	Iowa, WI	147
Green Bay, WI	Brown, WI	Iron, MI	122
Green Bay, WI	Brown, WI	Iron, WI	167
Green Bay, WI	Brown, WI	Jackson, WI	137
Green Bay, WI	Brown, WI	Jefferson, WI	107
Green Bay, WI	Brown, WI	Juneau, WI	113
Green Bay, WI	Brown, WI	Kewaunee, WI	18
Green Bay, WI	Brown, WI	Keweenaw, MI	226
Green Bay, WI	Brown, WI	La Crosse, WI	161
Green Bay, WI	Brown, WI	Langlade, WI	76
Green Bay, WI	Brown, WI	Lincoln, WI	105
Green Bay, WI	Brown, WI	Manitowoc, WI	25
Green Bay, WI	Brown, WI	Marathon, WI	93
Green Bay, WI	Brown, WI	Marinette, WI	64
Green Bay, WI	Brown, WI	Marquette, MI	140
Green Bay, WI	Brown, WI	Marquette, WI	84
Green Bay, WI	Brown, WI	Menominee, MI	78
Green Bay, WI	Brown, WI	Menomonie, WI	52
Green Bay, WI	Brown, WI	Milwaukee, WI	100
Green Bay, WI	Brown, WI	Monroe, WI	135
Green Bay, WI	Brown, WI	Oconto, WI	42
Green Bay, WI	Brown, WI	Oneida, WI	114
Green Bay, WI	Brown, WI	Ontonagon, MI	168
Green Bay, WI	Brown, WI	Outagamie, WI	24
Green Bay, WI	Brown, WI	Ozaukee, WI	76
Green Bay, WI	Brown, WI	Pepin, WI	203
Green Bay, WI	Brown, WI	Portage, WI	74
Green Bay, WI	Brown, WI	Price, WI	144
Green Bay, WI	Brown, WI	Racine, WI	120
Green Bay, WI	Brown, WI	Richland, WI	144
Green Bay, WI	Brown, WI	Rock, WI	135
Green Bay, WI	Brown, WI	Rusk, WI	168
Green Bay, WI	Brown, WI	Sauk, WI	121
Green Bay, WI	Brown, WI	Sawyer, WI	182
Green Bay, WI	Brown, WI	Schoolcraft, MI	145
Green Bay, WI	Brown, WI	Shawano, WI	44
Green Bay, WI	Brown, WI	Sheboygan, WI	51
Green Bay, WI	Brown, WI	Taylor, WI	133
Green Bay, WI	Brown, WI	Trempealeau, WI	167
Green Bay, WI	Brown, WI	Vernon, WI	152
Green Bay, WI	Brown, WI	Vilas, WI	133
Green Bay, WI	Brown, WI	Walworth, WI	127
Green Bay, WI	Brown, WI	Washburn, WI	211
Green Bay, WI	Brown, WI	Washington, WI	77

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Green Bay, WI	Brown, WI	Waukesha, WI	101
Green Bay, WI	Brown, WI	Waupaca, WI	50
Green Bay, WI	Brown, WI	Waushara, WI	67
Green Bay, WI	Brown, WI	Winnebago, WI	43
Green Bay, WI	Brown, WI	Wood, WI	101
Hamilton, MT	Ravalli, MT	Ada, ID	207
Hamilton, MT	Ravalli, MT	Adams, ID	143
Hamilton, MT	Ravalli, MT	Adams, WA	216
Hamilton, MT	Ravalli, MT	Asotin, WA	147
Hamilton, MT	Ravalli, MT	Baker, OR	202
Hamilton, MT	Ravalli, MT	Bannock, ID	256
Hamilton, MT	Ravalli, MT	Bear Lake, ID	295
Hamilton, MT	Ravalli, MT	Beaverhead, MT	83
Hamilton, MT	Ravalli, MT	Benewah, ID	145
Hamilton, MT	Ravalli, MT	Benton, WA	261
Hamilton, MT	Ravalli, MT	Big Horn, WY	316
Hamilton, MT	Ravalli, MT	Bingham, ID	215
Hamilton, MT	Ravalli, MT	Blaine, ID	191
Hamilton, MT	Ravalli, MT	Blaine, MT	290
Hamilton, MT	Ravalli, MT	Boise, ID	165
Hamilton, MT	Ravalli, MT	Bonner, ID	196
Hamilton, MT	Ravalli, MT	Bonneville, ID	231
Hamilton, MT	Ravalli, MT	Boundary, ID	215
Hamilton, MT	Ravalli, MT	Box Elder, UT	317
Hamilton, MT	Ravalli, MT	Broadwater, MT	129
Hamilton, MT	Ravalli, MT	Butte, ID	167
Hamilton, MT	Ravalli, MT	Camas, ID	178
Hamilton, MT	Ravalli, MT	Canyon, ID	211
Hamilton, MT	Ravalli, MT	Carbon, MT	246
Hamilton, MT	Ravalli, MT	Carbon, WY	473
Hamilton, MT	Ravalli, MT	Caribou, ID	263
Hamilton, MT	Ravalli, MT	Cascade, MT	153
Hamilton, MT	Ravalli, MT	Cassia, ID	258
Hamilton, MT	Ravalli, MT	Chouteau, MT	213
Hamilton, MT	Ravalli, MT	Clark, ID	152
Hamilton, MT	Ravalli, MT	Clearwater, ID	81
Hamilton, MT	Ravalli, MT	Columbia, WA	182
Hamilton, MT	Ravalli, MT	Crook, OR	330
Hamilton, MT	Ravalli, MT	Custer, ID	127
Hamilton, MT	Ravalli, MT	Deer Lodge, MT	50
Hamilton, MT	Ravalli, MT	Elko, NV	353
Hamilton, MT	Ravalli, MT	Elmore, ID	194
Hamilton, MT	Ravalli, MT	Fergus, MT	241
Hamilton, MT	Ravalli, MT	Ferry, WA	263
Hamilton, MT	Ravalli, MT	Flathead, MT	155
Hamilton, MT	Ravalli, MT	Franklin, ID	289
Hamilton, MT	Ravalli, MT	Franklin, WA	232
Hamilton, MT	Ravalli, MT	Fremont, ID	179
Hamilton, MT	Ravalli, MT	Fremont, WY	340

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Hamilton, MT	Ravalli, MT	Gallatin, MT	150
Hamilton, MT	Ravalli, MT	Garfield, WA	165
Hamilton, MT	Ravalli, MT	Gem, ID	168
Hamilton, MT	Ravalli, MT	Gilliam, OR	298
Hamilton, MT	Ravalli, MT	Glacier, MT	188
Hamilton, MT	Ravalli, MT	Gooding, ID	220
Hamilton, MT	Ravalli, MT	Granite, MT	41
Hamilton, MT	Ravalli, MT	Grant, OR	261
Hamilton, MT	Ravalli, MT	Grant, WA	268
Hamilton, MT	Ravalli, MT	Harney, OR	322
Hamilton, MT	Ravalli, MT	Hill, MT	256
Hamilton, MT	Ravalli, MT	Hot Springs, WY	313
Hamilton, MT	Ravalli, MT	Humboldt, NV	388
Hamilton, MT	Ravalli, MT	Idaho, ID	70
Hamilton, MT	Ravalli, MT	Jefferson, ID	177
Hamilton, MT	Ravalli, MT	Jefferson, MT	95
Hamilton, MT	Ravalli, MT	Jerome, ID	234
Hamilton, MT	Ravalli, MT	Judith Basin, MT	199
Hamilton, MT	Ravalli, MT	Klickitat, WA	320
Hamilton, MT	Ravalli, MT	Kootenai, ID	165
Hamilton, MT	Ravalli, MT	Lake, MT	106
Hamilton, MT	Ravalli, MT	Latah, ID	133
Hamilton, MT	Ravalli, MT	Lemhi, ID	76
Hamilton, MT	Ravalli, MT	Lewis and Clark, MT	109
Hamilton, MT	Ravalli, MT	Lewis, ID	107
Hamilton, MT	Ravalli, MT	Liberty, MT	227
Hamilton, MT	Ravalli, MT	Lincoln, ID	213
Hamilton, MT	Ravalli, MT	Lincoln, MT	176
Hamilton, MT	Ravalli, MT	Lincoln, WA	228
Hamilton, MT	Ravalli, MT	Lincoln, WY	300
Hamilton, MT	Ravalli, MT	Madison, ID	198
Hamilton, MT	Ravalli, MT	Madison, MT	120
Hamilton, MT	Ravalli, MT	Malheur, OR	261
Hamilton, MT	Ravalli, MT	Meagher, MT	163
Hamilton, MT	Ravalli, MT	Mineral, MT	80
Hamilton, MT	Ravalli, MT	Minidoka, ID	223
Hamilton, MT	Ravalli, MT	Missoula, MT	74
Hamilton, MT	Ravalli, MT	Morrow, OR	266
Hamilton, MT	Ravalli, MT	Natrona, WY	420
Hamilton, MT	Ravalli, MT	Nez Perce, ID	129
Hamilton, MT	Ravalli, MT	Okanogan, WA	311
Hamilton, MT	Ravalli, MT	Oneida, ID	275
Hamilton, MT	Ravalli, MT	Owyhee, ID	246
Hamilton, MT	Ravalli, MT	Park, MT	178
Hamilton, MT	Ravalli, MT	Park, WY	257
Hamilton, MT	Ravalli, MT	Payette, ID	196
Hamilton, MT	Ravalli, MT	Pend Oreille, WA	225
Hamilton, MT	Ravalli, MT	Pondera, MT	170
Hamilton, MT	Ravalli, MT	Powell, MT	79

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Hamilton, MT	Ravalli, MT	Power, ID	240
Hamilton, MT	Ravalli, MT	Ravalli, MT	26
Hamilton, MT	Ravalli, MT	Rich, UT	343
Hamilton, MT	Ravalli, MT	Sanders, MT	123
Hamilton, MT	Ravalli, MT	Shoshone, ID	133
Hamilton, MT	Ravalli, MT	Silver Bow, MT	70
Hamilton, MT	Ravalli, MT	Spokane, WA	191
Hamilton, MT	Ravalli, MT	Stevens, WA	238
Hamilton, MT	Ravalli, MT	Stillwater, MT	239
Hamilton, MT	Ravalli, MT	Sublette, WY	302
Hamilton, MT	Ravalli, MT	Sweet Grass, MT	206
Hamilton, MT	Ravalli, MT	Sweetwater, WY	399
Hamilton, MT	Ravalli, MT	Teton, ID	215
Hamilton, MT	Ravalli, MT	Teton, MT	153
Hamilton, MT	Ravalli, MT	Teton, WY	228
Hamilton, MT	Ravalli, MT	Toole, MT	209
Hamilton, MT	Ravalli, MT	Twin Falls, ID	250
Hamilton, MT	Ravalli, MT	Uinta, WY	376
Hamilton, MT	Ravalli, MT	Umatilla, OR	220
Hamilton, MT	Ravalli, MT	Union, OR	194
Hamilton, MT	Ravalli, MT	Valley, ID	121
Hamilton, MT	Ravalli, MT	Walla Walla, WA	210
Hamilton, MT	Ravalli, MT	Wallowa, OR	149
Hamilton, MT	Ravalli, MT	Washakie, WY	352
Hamilton, MT	Ravalli, MT	Washington, ID	171
Hamilton, MT	Ravalli, MT	Wheatland, MT	207
Hamilton, MT	Ravalli, MT	Wheeler, OR	301
Hamilton, MT	Ravalli, MT	Whitman, WA	170
Hamilton, MT	Ravalli, MT	Yakima, WA	313
Harrisburg, PA	Cumberland, PA	Adams, PA	17
Harrisburg, PA	Cumberland, PA	Alexandria (City), VA	92
Harrisburg, PA	Cumberland, PA	Allegany, MD	78
Harrisburg, PA	Cumberland, PA	Allegany, NY	151
Harrisburg, PA	Cumberland, PA	Anne Arundel, MD	90
Harrisburg, PA	Cumberland, PA	Arlington, VA	88
Harrisburg, PA	Cumberland, PA	Baltimore (City), MD	70
Harrisburg, PA	Cumberland, PA	Baltimore, MD	59
Harrisburg, PA	Cumberland, PA	Bedford, PA	62
Harrisburg, PA	Cumberland, PA	Berkeley, WV	61
Harrisburg, PA	Cumberland, PA	Berks, PA	76
Harrisburg, PA	Cumberland, PA	Blair, PA	59
Harrisburg, PA	Cumberland, PA	Bradford, PA	121
Harrisburg, PA	Cumberland, PA	Bucks, PA	116
Harrisburg, PA	Cumberland, PA	Burlington, NJ	141
Harrisburg, PA	Cumberland, PA	Calvert, MD	117
Harrisburg, PA	Cumberland, PA	Cambria, PA	79
Harrisburg, PA	Cumberland, PA	Cameron, PA	100
Harrisburg, PA	Cumberland, PA	Carbon, PA	99
Harrisburg, PA	Cumberland, PA	Carroll, MD	45

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Harrisburg, PA	Cumberland, PA	Cecil, MD	85
Harrisburg, PA	Cumberland, PA	Centre, PA	60
Harrisburg, PA	Cumberland, PA	Charles, MD	117
Harrisburg, PA	Cumberland, PA	Chemung, NY	142
Harrisburg, PA	Cumberland, PA	Chester, PA	86
Harrisburg, PA	Cumberland, PA	Clarke, VA	78
Harrisburg, PA	Cumberland, PA	Clearfield, PA	84
Harrisburg, PA	Cumberland, PA	Clinton, PA	78
Harrisburg, PA	Cumberland, PA	Columbia, PA	79
Harrisburg, PA	Cumberland, PA	Culpeper, VA	119
Harrisburg, PA	Cumberland, PA	Cumberland, PA	13
Harrisburg, PA	Cumberland, PA	Dauphin, PA	31
Harrisburg, PA	Cumberland, PA	Delaware, PA	104
Harrisburg, PA	Cumberland, PA	District of Columbia, DC	87
Harrisburg, PA	Cumberland, PA	Elk, PA	116
Harrisburg, PA	Cumberland, PA	Fairfax (City), VA	89
Harrisburg, PA	Cumberland, PA	Fairfax, VA	90
Harrisburg, PA	Cumberland, PA	Fauquier, VA	102
Harrisburg, PA	Cumberland, PA	Fayette, PA	125
Harrisburg, PA	Cumberland, PA	Franklin, PA	22
Harrisburg, PA	Cumberland, PA	Frederick, MD	46
Harrisburg, PA	Cumberland, PA	Frederick, VA	79
Harrisburg, PA	Cumberland, PA	Fulton, PA	43
Harrisburg, PA	Cumberland, PA	Garrett, MD	115
Harrisburg, PA	Cumberland, PA	Gloucester, NJ	119
Harrisburg, PA	Cumberland, PA	Grant, WV	124
Harrisburg, PA	Cumberland, PA	Hampshire, WV	90
Harrisburg, PA	Cumberland, PA	Hardy, WV	113
Harrisburg, PA	Cumberland, PA	Harford, MD	71
Harrisburg, PA	Cumberland, PA	Howard, MD	66
Harrisburg, PA	Cumberland, PA	Hunterdon, NJ	128
Harrisburg, PA	Cumberland, PA	Huntingdon, PA	42
Harrisburg, PA	Cumberland, PA	Indiana, PA	100
Harrisburg, PA	Cumberland, PA	Jefferson, PA	113
Harrisburg, PA	Cumberland, PA	Jefferson, WV	64
Harrisburg, PA	Cumberland, PA	Juniata, PA	26
Harrisburg, PA	Cumberland, PA	Kent, DE	118
Harrisburg, PA	Cumberland, PA	Kent, MD	90
Harrisburg, PA	Cumberland, PA	Lackawanna, PA	124
Harrisburg, PA	Cumberland, PA	Lancaster, PA	58
Harrisburg, PA	Cumberland, PA	Lebanon, PA	49
Harrisburg, PA	Cumberland, PA	Lehigh, PA	97
Harrisburg, PA	Cumberland, PA	Loudoun, VA	75
Harrisburg, PA	Cumberland, PA	Luzerne, PA	101
Harrisburg, PA	Cumberland, PA	Lycoming, PA	84
Harrisburg, PA	Cumberland, PA	McKean, PA	133
Harrisburg, PA	Cumberland, PA	Mercer, NJ	140
Harrisburg, PA	Cumberland, PA	Mifflin, PA	37
Harrisburg, PA	Cumberland, PA	Mineral, WV	99

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Harrisburg, PA	Cumberland, PA	Monroe, PA	123
Harrisburg, PA	Cumberland, PA	Montgomery, MD	69
Harrisburg, PA	Cumberland, PA	Montgomery, PA	103
Harrisburg, PA	Cumberland, PA	Montour, PA	70
Harrisburg, PA	Cumberland, PA	Morgan, WV	67
Harrisburg, PA	Cumberland, PA	New Castle, DE	96
Harrisburg, PA	Cumberland, PA	Northampton, PA	110
Harrisburg, PA	Cumberland, PA	Northumberland, PA	62
Harrisburg, PA	Cumberland, PA	Perry, PA	18
Harrisburg, PA	Cumberland, PA	Philadelphia, PA	116
Harrisburg, PA	Cumberland, PA	Pike, PA	145
Harrisburg, PA	Cumberland, PA	Potter, PA	115
Harrisburg, PA	Cumberland, PA	Preston, WV	135
Harrisburg, PA	Cumberland, PA	Prince George's, MD	94
Harrisburg, PA	Cumberland, PA	Prince William, VA	98
Harrisburg, PA	Cumberland, PA	Queen Anne's, MD	102
Harrisburg, PA	Cumberland, PA	Rappahannock, VA	109
Harrisburg, PA	Cumberland, PA	Salem, NJ	114
Harrisburg, PA	Cumberland, PA	Schuylkill, PA	73
Harrisburg, PA	Cumberland, PA	Shenandoah, VA	112
Harrisburg, PA	Cumberland, PA	Snyder, PA	45
Harrisburg, PA	Cumberland, PA	Somerset, PA	92
Harrisburg, PA	Cumberland, PA	Stafford, VA	119
Harrisburg, PA	Cumberland, PA	Steuben, NY	149
Harrisburg, PA	Cumberland, PA	Sullivan, PA	99
Harrisburg, PA	Cumberland, PA	Susquehanna, PA	141
Harrisburg, PA	Cumberland, PA	Sussex, NJ	154
Harrisburg, PA	Cumberland, PA	Tioga, NY	152
Harrisburg, PA	Cumberland, PA	Tioga, PA	113
Harrisburg, PA	Cumberland, PA	Union, PA	60
Harrisburg, PA	Cumberland, PA	Warren, NJ	133
Harrisburg, PA	Cumberland, PA	Warren, VA	98
Harrisburg, PA	Cumberland, PA	Washington, MD	48
Harrisburg, PA	Cumberland, PA	Wayne, PA	149
Harrisburg, PA	Cumberland, PA	Westmoreland, PA	110
Harrisburg, PA	Cumberland, PA	Wyoming, PA	117
Harrisburg, PA	Cumberland, PA	York, PA	32
Harrisburg, PA	Dauphin, PA	Adams, PA	40
Harrisburg, PA	Dauphin, PA	Alexandria (City), VA	110
Harrisburg, PA	Dauphin, PA	Allegany, MD	109
Harrisburg, PA	Dauphin, PA	Allegany, NY	143
Harrisburg, PA	Dauphin, PA	Anne Arundel, MD	99
Harrisburg, PA	Dauphin, PA	Arlington, VA	105
Harrisburg, PA	Dauphin, PA	Baltimore (City), MD	77
Harrisburg, PA	Dauphin, PA	Baltimore, MD	65
Harrisburg, PA	Dauphin, PA	Bedford, PA	91
Harrisburg, PA	Dauphin, PA	Berkeley, WV	91
Harrisburg, PA	Dauphin, PA	Berks, PA	48
Harrisburg, PA	Dauphin, PA	Blair, PA	79

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Harrisburg, PA	Dauphin, PA	Bradford, PA	97
Harrisburg, PA	Dauphin, PA	Bucks, PA	90
Harrisburg, PA	Dauphin, PA	Burlington, NJ	120
Harrisburg, PA	Dauphin, PA	Calvert, MD	128
Harrisburg, PA	Dauphin, PA	Cambria, PA	100
Harrisburg, PA	Dauphin, PA	Cameron, PA	101
Harrisburg, PA	Dauphin, PA	Carbon, PA	68
Harrisburg, PA	Dauphin, PA	Carroll, MD	60
Harrisburg, PA	Dauphin, PA	Cecil, MD	76
Harrisburg, PA	Dauphin, PA	Centre, PA	59
Harrisburg, PA	Dauphin, PA	Charles, MD	133
Harrisburg, PA	Dauphin, PA	Chemung, NY	122
Harrisburg, PA	Dauphin, PA	Chester, PA	66
Harrisburg, PA	Dauphin, PA	Clarke, VA	106
Harrisburg, PA	Dauphin, PA	Clearfield, PA	94
Harrisburg, PA	Dauphin, PA	Clinton, PA	74
Harrisburg, PA	Dauphin, PA	Columbia, PA	51
Harrisburg, PA	Dauphin, PA	Culpeper, VA	145
Harrisburg, PA	Dauphin, PA	Cumberland, PA	31
Harrisburg, PA	Dauphin, PA	Dauphin, PA	13
Harrisburg, PA	Dauphin, PA	Delaware, PA	83
Harrisburg, PA	Dauphin, PA	District of Columbia, DC	103
Harrisburg, PA	Dauphin, PA	Elk, PA	123
Harrisburg, PA	Dauphin, PA	Fairfax (City), VA	109
Harrisburg, PA	Dauphin, PA	Fairfax, VA	111
Harrisburg, PA	Dauphin, PA	Fauquier, VA	127
Harrisburg, PA	Dauphin, PA	Fayette, PA	152
Harrisburg, PA	Dauphin, PA	Franklin, PA	53
Harrisburg, PA	Dauphin, PA	Frederick, MD	70
Harrisburg, PA	Dauphin, PA	Frederick, VA	109
Harrisburg, PA	Dauphin, PA	Fulton, PA	73
Harrisburg, PA	Dauphin, PA	Garrett, MD	145
Harrisburg, PA	Dauphin, PA	Gloucester, NJ	101
Harrisburg, PA	Dauphin, PA	Grant, WV	155
Harrisburg, PA	Dauphin, PA	Hampshire, WV	121
Harrisburg, PA	Dauphin, PA	Hardy, WV	143
Harrisburg, PA	Dauphin, PA	Harford, MD	69
Harrisburg, PA	Dauphin, PA	Howard, MD	80
Harrisburg, PA	Dauphin, PA	Hunterdon, NJ	100
Harrisburg, PA	Dauphin, PA	Huntingdon, PA	63
Harrisburg, PA	Dauphin, PA	Indiana, PA	120
Harrisburg, PA	Dauphin, PA	Jefferson, PA	125
Harrisburg, PA	Dauphin, PA	Jefferson, WV	92
Harrisburg, PA	Dauphin, PA	Juniata, PA	36
Harrisburg, PA	Dauphin, PA	Kent, DE	112
Harrisburg, PA	Dauphin, PA	Kent, MD	90
Harrisburg, PA	Dauphin, PA	Lackawanna, PA	94
Harrisburg, PA	Dauphin, PA	Lancaster, PA	41
Harrisburg, PA	Dauphin, PA	Lebanon, PA	21

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Harrisburg, PA	Dauphin, PA	Lehigh, PA	68
Harrisburg, PA	Dauphin, PA	Loudoun, VA	100
Harrisburg, PA	Dauphin, PA	Luzerne, PA	71
Harrisburg, PA	Dauphin, PA	Lycoming, PA	66
Harrisburg, PA	Dauphin, PA	McKean, PA	133
Harrisburg, PA	Dauphin, PA	Mercer, NJ	114
Harrisburg, PA	Dauphin, PA	Mifflin, PA	45
Harrisburg, PA	Dauphin, PA	Mineral, WV	130
Harrisburg, PA	Dauphin, PA	Monroe, PA	92
Harrisburg, PA	Dauphin, PA	Montgomery, MD	89
Harrisburg, PA	Dauphin, PA	Montgomery, PA	79
Harrisburg, PA	Dauphin, PA	Montour, PA	45
Harrisburg, PA	Dauphin, PA	Morgan, WV	98
Harrisburg, PA	Dauphin, PA	New Castle, DE	84
Harrisburg, PA	Dauphin, PA	Northampton, PA	80
Harrisburg, PA	Dauphin, PA	Northumberland, PA	35
Harrisburg, PA	Dauphin, PA	Perry, PA	23
Harrisburg, PA	Dauphin, PA	Philadelphia, PA	94
Harrisburg, PA	Dauphin, PA	Pike, PA	114
Harrisburg, PA	Dauphin, PA	Potter, PA	109
Harrisburg, PA	Dauphin, PA	Preston, WV	164
Harrisburg, PA	Dauphin, PA	Prince George's, MD	108
Harrisburg, PA	Dauphin, PA	Prince William, VA	121
Harrisburg, PA	Dauphin, PA	Queen Anne's, MD	102
Harrisburg, PA	Dauphin, PA	Rappahannock, VA	136
Harrisburg, PA	Dauphin, PA	Salem, NJ	99
Harrisburg, PA	Dauphin, PA	Schuylkill, PA	43
Harrisburg, PA	Dauphin, PA	Shenandoah, VA	141
Harrisburg, PA	Dauphin, PA	Snyder, PA	29
Harrisburg, PA	Dauphin, PA	Somerset, PA	120
Harrisburg, PA	Dauphin, PA	Stafford, VA	141
Harrisburg, PA	Dauphin, PA	Steuben, NY	135
Harrisburg, PA	Dauphin, PA	Sullivan, PA	74
Harrisburg, PA	Dauphin, PA	Susquehanna, PA	113
Harrisburg, PA	Dauphin, PA	Sussex, NJ	123
Harrisburg, PA	Dauphin, PA	Tioga, NY	128
Harrisburg, PA	Dauphin, PA	Tioga, PA	98
Harrisburg, PA	Dauphin, PA	Union, PA	42
Harrisburg, PA	Dauphin, PA	Warren, NJ	103
Harrisburg, PA	Dauphin, PA	Warren, VA	126
Harrisburg, PA	Dauphin, PA	Washington, MD	76
Harrisburg, PA	Dauphin, PA	Wayne, PA	119
Harrisburg, PA	Dauphin, PA	Westmoreland, PA	134
Harrisburg, PA	Dauphin, PA	Wyoming, PA	89
Harrisburg, PA	Dauphin, PA	York, PA	29
Huntington, WV	Cabell, WV	Adams, OH	71
Huntington, WV	Cabell, WV	Alleghany, VA	134
Huntington, WV	Cabell, WV	Athens, OH	67
Huntington, WV	Cabell, WV	Bath, KY	84

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Huntington, WV	Cabell, WV	Bath, VA	140
Huntington, WV	Cabell, WV	Bland, VA	110
Huntington, WV	Cabell, WV	Boone, WV	42
Huntington, WV	Cabell, WV	Boyd, KY	23
Huntington, WV	Cabell, WV	Bracken, KY	100
Huntington, WV	Cabell, WV	Braxton, WV	86
Huntington, WV	Cabell, WV	Breathitt, KY	85
Huntington, WV	Cabell, WV	Brown, OH	93
Huntington, WV	Cabell, WV	Buchanan, VA	79
Huntington, WV	Cabell, WV	Cabell, WV	9
Huntington, WV	Cabell, WV	Calhoun, WV	69
Huntington, WV	Cabell, WV	Carter, KY	40
Huntington, WV	Cabell, WV	Clay, WV	66
Huntington, WV	Cabell, WV	Clermont, OH	111
Huntington, WV	Cabell, WV	Clinton, OH	106
Huntington, WV	Cabell, WV	Dickenson, VA	89
Huntington, WV	Cabell, WV	Doddridge, WV	101
Huntington, WV	Cabell, WV	Elliott, KY	47
Huntington, WV	Cabell, WV	Fairfield, OH	94
Huntington, WV	Cabell, WV	Fayette, OH	100
Huntington, WV	Cabell, WV	Fayette, WV	69
Huntington, WV	Cabell, WV	Fleming, KY	77
Huntington, WV	Cabell, WV	Floyd, KY	67
Huntington, WV	Cabell, WV	Franklin, OH	115
Huntington, WV	Cabell, WV	Gallia, OH	28
Huntington, WV	Cabell, WV	Giles, VA	116
Huntington, WV	Cabell, WV	Gilmer, WV	86
Huntington, WV	Cabell, WV	Greenbrier, WV	106
Huntington, WV	Cabell, WV	Greene, OH	124
Huntington, WV	Cabell, WV	Greenup, KY	38
Huntington, WV	Cabell, WV	Harlan, KY	122
Huntington, WV	Cabell, WV	Highland, OH	90
Huntington, WV	Cabell, WV	Hocking, OH	77
Huntington, WV	Cabell, WV	Jackson, OH	46
Huntington, WV	Cabell, WV	Jackson, WV	42
Huntington, WV	Cabell, WV	Johnson, KY	49
Huntington, WV	Cabell, WV	Kanawha, WV	41
Huntington, WV	Cabell, WV	Knott, KY	82
Huntington, WV	Cabell, WV	Lawrence, KY	35
Huntington, WV	Cabell, WV	Lawrence, OH	21
Huntington, WV	Cabell, WV	Lee, KY	96
Huntington, WV	Cabell, WV	Lee, VA	122
Huntington, WV	Cabell, WV	Letcher, KY	96
Huntington, WV	Cabell, WV	Lewis, KY	61
Huntington, WV	Cabell, WV	Lewis, WV	103
Huntington, WV	Cabell, WV	Licking, OH	117
Huntington, WV	Cabell, WV	Lincoln, WV	20
Huntington, WV	Cabell, WV	Logan, WV	44
Huntington, WV	Cabell, WV	Madison, OH	119

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Huntington, WV	Cabell, WV	Magoffin, KY	67
Huntington, WV	Cabell, WV	Martin, KY	44
Huntington, WV	Cabell, WV	Mason, KY	84
Huntington, WV	Cabell, WV	Mason, WV	28
Huntington, WV	Cabell, WV	Mc Dowell, WV	80
Huntington, WV	Cabell, WV	Meigs, OH	45
Huntington, WV	Cabell, WV	Menifee, KY	80
Huntington, WV	Cabell, WV	Mercer, WV	94
Huntington, WV	Cabell, WV	Mingo, WV	47
Huntington, WV	Cabell, WV	Monroe, OH	111
Huntington, WV	Cabell, WV	Monroe, WV	111
Huntington, WV	Cabell, WV	Montgomery, KY	93
Huntington, WV	Cabell, WV	Morgan, KY	62
Huntington, WV	Cabell, WV	Morgan, OH	86
Huntington, WV	Cabell, WV	Muskingum, OH	108
Huntington, WV	Cabell, WV	Nicholas, KY	94
Huntington, WV	Cabell, WV	Nicholas, WV	79
Huntington, WV	Cabell, WV	Noble, OH	102
Huntington, WV	Cabell, WV	Norton, VA	105
Huntington, WV	Cabell, WV	Perry, KY	96
Huntington, WV	Cabell, WV	Perry, OH	92
Huntington, WV	Cabell, WV	Pickaway, OH	94
Huntington, WV	Cabell, WV	Pike, KY	65
Huntington, WV	Cabell, WV	Pike, OH	63
Huntington, WV	Cabell, WV	Pleasants, WV	89
Huntington, WV	Cabell, WV	Pocahontas, WV	124
Huntington, WV	Cabell, WV	Powell, KY	92
Huntington, WV	Cabell, WV	Putnam, WV	21
Huntington, WV	Cabell, WV	Raleigh, WV	75
Huntington, WV	Cabell, WV	Randolph, WV	134
Huntington, WV	Cabell, WV	Ritchie, WV	84
Huntington, WV	Cabell, WV	Roane, WV	54
Huntington, WV	Cabell, WV	Robertson, KY	97
Huntington, WV	Cabell, WV	Ross, OH	77
Huntington, WV	Cabell, WV	Rowan, KY	65
Huntington, WV	Cabell, WV	Russell, VA	103
Huntington, WV	Cabell, WV	Scioto, OH	46
Huntington, WV	Cabell, WV	Scott, VA	117
Huntington, WV	Cabell, WV	Smyth, VA	117
Huntington, WV	Cabell, WV	Summers, WV	93
Huntington, WV	Cabell, WV	Tazewell, VA	96
Huntington, WV	Cabell, WV	Tyler, WV	106
Huntington, WV	Cabell, WV	Upshur, WV	115
Huntington, WV	Cabell, WV	Vinton, OH	57
Huntington, WV	Cabell, WV	Washington, OH	81
Huntington, WV	Cabell, WV	Washington, VA	116
Huntington, WV	Cabell, WV	Wayne, WV	22
Huntington, WV	Cabell, WV	Webster, WV	100
Huntington, WV	Cabell, WV	Wirt, WV	65

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Huntington, WV	Cabell, WV	Wise, VA	100
Huntington, WV	Cabell, WV	Wolfe, KY	81
Huntington, WV	Cabell, WV	Wood, WV	69
Huntington, WV	Cabell, WV	Wyoming, WV	68
Huntington, WV	Scioto, OH	Adams, OH	28
Huntington, WV	Scioto, OH	Alleghany, VA	178
Huntington, WV	Scioto, OH	Athens, OH	62
Huntington, WV	Scioto, OH	Bath, KY	63
Huntington, WV	Scioto, OH	Bath, VA	182
Huntington, WV	Scioto, OH	Bland, VA	154
Huntington, WV	Scioto, OH	Boone, WV	87
Huntington, WV	Scioto, OH	Boyd, KY	33
Huntington, WV	Scioto, OH	Bracken, KY	61
Huntington, WV	Scioto, OH	Braxton, WV	120
Huntington, WV	Scioto, OH	Breathitt, KY	91
Huntington, WV	Scioto, OH	Brown, OH	49
Huntington, WV	Scioto, OH	Buchanan, VA	115
Huntington, WV	Scioto, OH	Cabell, WV	46
Huntington, WV	Scioto, OH	Calhoun, WV	100
Huntington, WV	Scioto, OH	Carter, KY	32
Huntington, WV	Scioto, OH	Clay, WV	105
Huntington, WV	Scioto, OH	Clermont, OH	67
Huntington, WV	Scioto, OH	Clinton, OH	61
Huntington, WV	Scioto, OH	Dickenson, VA	120
Huntington, WV	Scioto, OH	Doddridge, WV	124
Huntington, WV	Scioto, OH	Elliott, KY	46
Huntington, WV	Scioto, OH	Fairfield, OH	69
Huntington, WV	Scioto, OH	Fayette, OH	58
Huntington, WV	Scioto, OH	Fayette, WV	114
Huntington, WV	Scioto, OH	Fleming, KY	50
Huntington, WV	Scioto, OH	Floyd, KY	89
Huntington, WV	Scioto, OH	Franklin, OH	81
Huntington, WV	Scioto, OH	Gallia, OH	31
Huntington, WV	Scioto, OH	Giles, VA	161
Huntington, WV	Scioto, OH	Gilmer, WV	116
Huntington, WV	Scioto, OH	Greenbrier, WV	150
Huntington, WV	Scioto, OH	Greene, OH	80
Huntington, WV	Scioto, OH	Greenup, KY	16
Huntington, WV	Scioto, OH	Harlan, KY	136
Huntington, WV	Scioto, OH	Highland, OH	45
Huntington, WV	Scioto, OH	Hocking, OH	56
Huntington, WV	Scioto, OH	Jackson, OH	25
Huntington, WV	Scioto, OH	Jackson, WV	68
Huntington, WV	Scioto, OH	Johnson, KY	65
Huntington, WV	Scioto, OH	Kanawha, WV	85
Huntington, WV	Scioto, OH	Knott, KY	100
Huntington, WV	Scioto, OH	Lawrence, KY	51
Huntington, WV	Scioto, OH	Lawrence, OH	25
Huntington, WV	Scioto, OH	Lee, KY	91

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Huntington, WV	Scioto, OH	Lee, VA	142
Huntington, WV	Scioto, OH	Letcher, KY	116
Huntington, WV	Scioto, OH	Lewis, KY	30
Huntington, WV	Scioto, OH	Lewis, WV	133
Huntington, WV	Scioto, OH	Licking, OH	94
Huntington, WV	Scioto, OH	Lincoln, WV	65
Huntington, WV	Scioto, OH	Logan, WV	86
Huntington, WV	Scioto, OH	Madison, OH	80
Huntington, WV	Scioto, OH	Magoffin, KY	77
Huntington, WV	Scioto, OH	Martin, KY	72
Huntington, WV	Scioto, OH	Mason, KY	47
Huntington, WV	Scioto, OH	Mason, WV	52
Huntington, WV	Scioto, OH	Mc Dowell, WV	122
Huntington, WV	Scioto, OH	Meigs, OH	52
Huntington, WV	Scioto, OH	Menifee, KY	69
Huntington, WV	Scioto, OH	Mercer, WV	140
Huntington, WV	Scioto, OH	Mingo, WV	83
Huntington, WV	Scioto, OH	Monroe, OH	120
Huntington, WV	Scioto, OH	Monroe, WV	157
Huntington, WV	Scioto, OH	Montgomery, KY	73
Huntington, WV	Scioto, OH	Morgan, KY	62
Huntington, WV	Scioto, OH	Morgan, OH	84
Huntington, WV	Scioto, OH	Muskingum, OH	97
Huntington, WV	Scioto, OH	Nicholas, KY	65
Huntington, WV	Scioto, OH	Nicholas, WV	120
Huntington, WV	Scioto, OH	Noble, OH	103
Huntington, WV	Scioto, OH	Norton, VA	130
Huntington, WV	Scioto, OH	Perry, KY	110
Huntington, WV	Scioto, OH	Perry, OH	77
Huntington, WV	Scioto, OH	Pickaway, OH	59
Huntington, WV	Scioto, OH	Pike, KY	98
Huntington, WV	Scioto, OH	Pike, OH	20
Huntington, WV	Scioto, OH	Pleasants, WV	105
Huntington, WV	Scioto, OH	Pocahontas, WV	163
Huntington, WV	Scioto, OH	Powell, KY	81
Huntington, WV	Scioto, OH	Putnam, WV	62
Huntington, WV	Scioto, OH	Raleigh, WV	121
Huntington, WV	Scioto, OH	Randolph, WV	169
Huntington, WV	Scioto, OH	Ritchie, WV	105
Huntington, WV	Scioto, OH	Roane, WV	87
Huntington, WV	Scioto, OH	Robertson, KY	63
Huntington, WV	Scioto, OH	Ross, OH	38
Huntington, WV	Scioto, OH	Rowan, KY	48
Huntington, WV	Scioto, OH	Russell, VA	138
Huntington, WV	Scioto, OH	Scioto, OH	12
Huntington, WV	Scioto, OH	Scott, VA	144
Huntington, WV	Scioto, OH	Smyth, VA	157
Huntington, WV	Scioto, OH	Summers, WV	138
Huntington, WV	Scioto, OH	Tazewell, VA	136

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Huntington, WV	Scioto, OH	Tyler, WV	124
Huntington, WV	Scioto, OH	Upshur, WV	147
Huntington, WV	Scioto, OH	Vinton, OH	38
Huntington, WV	Scioto, OH	Washington, OH	89
Huntington, WV	Scioto, OH	Washington, VA	151
Huntington, WV	Scioto, OH	Wayne, WV	54
Huntington, WV	Scioto, OH	Webster, WV	138
Huntington, WV	Scioto, OH	Wirt, WV	87
Huntington, WV	Scioto, OH	Wise, VA	125
Huntington, WV	Scioto, OH	Wolfe, KY	78
Huntington, WV	Scioto, OH	Wood, WV	84
Huntington, WV	Scioto, OH	Wyoming, WV	112
Imperial County, CA	Imperial, CA	Alpine, CA	462
Imperial County, CA	Imperial, CA	Apache, AZ	371
Imperial County, CA	Imperial, CA	Beaver, UT	388
Imperial County, CA	Imperial, CA	Catron, NM	407
Imperial County, CA	Imperial, CA	Churchill, NV	480
Imperial County, CA	Imperial, CA	Cibola, NM	455
Imperial County, CA	Imperial, CA	Clark, NV	200
Imperial County, CA	Imperial, CA	Cochise, AZ	336
Imperial County, CA	Imperial, CA	Coconino, AZ	261
Imperial County, CA	Imperial, CA	Dolores, CO	503
Imperial County, CA	Imperial, CA	Douglas, NV	466
Imperial County, CA	Imperial, CA	Elko, NV	556
Imperial County, CA	Imperial, CA	Emery, UT	494
Imperial County, CA	Imperial, CA	Esmeralda, NV	350
Imperial County, CA	Imperial, CA	Eureka, NV	490
Imperial County, CA	Imperial, CA	Fresno, CA	355
Imperial County, CA	Imperial, CA	Garfield, UT	398
Imperial County, CA	Imperial, CA	Gila, AZ	275
Imperial County, CA	Imperial, CA	Graham, AZ	313
Imperial County, CA	Imperial, CA	Grand, UT	523
Imperial County, CA	Imperial, CA	Grant, NM	412
Imperial County, CA	Imperial, CA	Greenlee, AZ	353
Imperial County, CA	Imperial, CA	Hidalgo, NM	389
Imperial County, CA	Imperial, CA	Imperial, CA	37
Imperial County, CA	Imperial, CA	Inyo, CA	278
Imperial County, CA	Imperial, CA	Iron, UT	350
Imperial County, CA	Imperial, CA	Juab, UT	479
Imperial County, CA	Imperial, CA	Kane, UT	353
Imperial County, CA	Imperial, CA	Kern, CA	249
Imperial County, CA	Imperial, CA	Kings, CA	331
Imperial County, CA	Imperial, CA	La Paz, AZ	93
Imperial County, CA	Imperial, CA	Lander, NV	495
Imperial County, CA	Imperial, CA	Lincoln, NV	328
Imperial County, CA	Imperial, CA	Los Angeles, CA	175
Imperial County, CA	Imperial, CA	Luna, NM	446
Imperial County, CA	Imperial, CA	Lyon, NV	468
Imperial County, CA	Imperial, CA	Madera, CA	381

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Imperial County, CA	Imperial, CA	Maricopa, AZ	151
Imperial County, CA	Imperial, CA	McKinley, NM	444
Imperial County, CA	Imperial, CA	Merced, CA	414
Imperial County, CA	Imperial, CA	Mesa, CO	557
Imperial County, CA	Imperial, CA	Millard, UT	437
Imperial County, CA	Imperial, CA	Mineral, NV	412
Imperial County, CA	Imperial, CA	Mohave, AZ	195
Imperial County, CA	Imperial, CA	Mono, CA	407
Imperial County, CA	Imperial, CA	Monterey, CA	418
Imperial County, CA	Imperial, CA	Montezuma, CO	482
Imperial County, CA	Imperial, CA	Montrose, CO	544
Imperial County, CA	Imperial, CA	Navajo, AZ	329
Imperial County, CA	Imperial, CA	Nye, NV	322
Imperial County, CA	Imperial, CA	Orange, CA	144
Imperial County, CA	Imperial, CA	Pima, AZ	221
Imperial County, CA	Imperial, CA	Pinal, AZ	234
Imperial County, CA	Imperial, CA	Piute, UT	410
Imperial County, CA	Imperial, CA	Riverside, CA	63
Imperial County, CA	Imperial, CA	San Benito, CA	406
Imperial County, CA	Imperial, CA	San Bernardino, CA	133
Imperial County, CA	Imperial, CA	San Diego, CA	78
Imperial County, CA	Imperial, CA	San Juan, NM	466
Imperial County, CA	Imperial, CA	San Juan, UT	455
Imperial County, CA	Imperial, CA	San Luis Obispo, CA	327
Imperial County, CA	Imperial, CA	San Miguel, CO	519
Imperial County, CA	Imperial, CA	Sanpete, UT	491
Imperial County, CA	Imperial, CA	Santa Barbara, CA	294
Imperial County, CA	Imperial, CA	Santa Cruz, AZ	285
Imperial County, CA	Imperial, CA	Sevier, UT	445
Imperial County, CA	Imperial, CA	Tooele, UT	529
Imperial County, CA	Imperial, CA	Tulare, CA	299
Imperial County, CA	Imperial, CA	Tuolumne, CA	430
Imperial County, CA	Imperial, CA	Ventura, CA	237
Imperial County, CA	Imperial, CA	Washington, UT	315
Imperial County, CA	Imperial, CA	Wayne, UT	443
Imperial County, CA	Imperial, CA	White Pine, NV	442
Imperial County, CA	Imperial, CA	Yavapai, AZ	204
Imperial County, CA	Imperial, CA	Yuma, AZ	84
Indianpolis, IN	Marion, IN	Adams, IN	92
Indianpolis, IN	Marion, IN	Allen, IN	107
Indianpolis, IN	Marion, IN	Bartholomew, IN	43
Indianpolis, IN	Marion, IN	Benton, IN	84
Indianpolis, IN	Marion, IN	Blackford, IN	64
Indianpolis, IN	Marion, IN	Boone, IN	26
Indianpolis, IN	Marion, IN	Boone, KY	95
Indianpolis, IN	Marion, IN	Brown, IN	41
Indianpolis, IN	Marion, IN	Butler, OH	86
Indianpolis, IN	Marion, IN	Carroll, IN	60
Indianpolis, IN	Marion, IN	Carroll, KY	94

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Indianpolis, IN	Marion, IN	Cass, IN	67
Indianpolis, IN	Marion, IN	Clark, IL	94
Indianpolis, IN	Marion, IN	Clark, IN	95
Indianpolis, IN	Marion, IN	Clay, IN	57
Indianpolis, IN	Marion, IN	Clinton, IN	40
Indianpolis, IN	Marion, IN	Crawford, IL	101
Indianpolis, IN	Marion, IN	Crawford, IN	106
Indianpolis, IN	Marion, IN	Darke, OH	84
Indianpolis, IN	Marion, IN	Daviess, IN	91
Indianpolis, IN	Marion, IN	Dearborn, IN	78
Indianpolis, IN	Marion, IN	Decatur, IN	48
Indianpolis, IN	Marion, IN	Delaware, IN	50
Indianpolis, IN	Marion, IN	Dubois, IN	106
Indianpolis, IN	Marion, IN	Edgar, IL	86
Indianpolis, IN	Marion, IN	Fayette, IN	52
Indianpolis, IN	Marion, IN	Floyd, IN	103
Indianpolis, IN	Marion, IN	Fountain, IN	65
Indianpolis, IN	Marion, IN	Franklin, IN	63
Indianpolis, IN	Marion, IN	Fulton, IN	87
Indianpolis, IN	Marion, IN	Gallatin, KY	97
Indianpolis, IN	Marion, IN	Gibson, IN	125
Indianpolis, IN	Marion, IN	Grant, IN	57
Indianpolis, IN	Marion, IN	Greene, IN	68
Indianpolis, IN	Marion, IN	Hamilton, IN	21
Indianpolis, IN	Marion, IN	Hamilton, OH	94
Indianpolis, IN	Marion, IN	Hancock, IN	20
Indianpolis, IN	Marion, IN	Harrison, IN	110
Indianpolis, IN	Marion, IN	Hendricks, IN	20
Indianpolis, IN	Marion, IN	Henry, IN	41
Indianpolis, IN	Marion, IN	Howard, IN	48
Indianpolis, IN	Marion, IN	Huntington, IN	80
Indianpolis, IN	Marion, IN	Iroquois, IL	111
Indianpolis, IN	Marion, IN	Jackson, IN	61
Indianpolis, IN	Marion, IN	Jasper, IN	99
Indianpolis, IN	Marion, IN	Jay, IN	75
Indianpolis, IN	Marion, IN	Jefferson, IN	80
Indianpolis, IN	Marion, IN	Jennings, IN	61
Indianpolis, IN	Marion, IN	Johnson, IN	20
Indianpolis, IN	Marion, IN	Knox, IN	104
Indianpolis, IN	Marion, IN	Kosciusko, IN	102
Indianpolis, IN	Marion, IN	Lawrence, IL	112
Indianpolis, IN	Marion, IN	Lawrence, IN	68
Indianpolis, IN	Marion, IN	Madison, IN	35
Indianpolis, IN	Marion, IN	Marion, IN	11
Indianpolis, IN	Marion, IN	Martin, IN	83
Indianpolis, IN	Marion, IN	Mercer, OH	96
Indianpolis, IN	Marion, IN	Miami, IN	69
Indianpolis, IN	Marion, IN	Miami, OH	103
Indianpolis, IN	Marion, IN	Monroe, IN	47

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Indianpolis, IN	Marion, IN	Montgomery, IN	44
Indianpolis, IN	Marion, IN	Montgomery, OH	98
Indianpolis, IN	Marion, IN	Morgan, IN	27
Indianpolis, IN	Marion, IN	Newton, IN	106
Indianpolis, IN	Marion, IN	Ohio, IN	85
Indianpolis, IN	Marion, IN	Orange, IN	88
Indianpolis, IN	Marion, IN	Owen, IN	50
Indianpolis, IN	Marion, IN	Parke, IN	56
Indianpolis, IN	Marion, IN	Pike, IN	113
Indianpolis, IN	Marion, IN	Preble, OH	79
Indianpolis, IN	Marion, IN	Pulaski, IN	92
Indianpolis, IN	Marion, IN	Putnam, IN	39
Indianpolis, IN	Marion, IN	Randolph, IN	65
Indianpolis, IN	Marion, IN	Ripley, IN	65
Indianpolis, IN	Marion, IN	Rush, IN	38
Indianpolis, IN	Marion, IN	Scott, IN	78
Indianpolis, IN	Marion, IN	Shelby, IN	26
Indianpolis, IN	Marion, IN	Shelby, OH	109
Indianpolis, IN	Marion, IN	Sullivan, IN	84
Indianpolis, IN	Marion, IN	Switzerland, IN	90
Indianpolis, IN	Marion, IN	Tippecanoe, IN	58
Indianpolis, IN	Marion, IN	Tipton, IN	37
Indianpolis, IN	Marion, IN	Trimble, KY	91
Indianpolis, IN	Marion, IN	Union, IN	65
Indianpolis, IN	Marion, IN	Vermilion, IL	89
Indianpolis, IN	Marion, IN	Vermillion, IN	70
Indianpolis, IN	Marion, IN	Vigo, IN	71
Indianpolis, IN	Marion, IN	Wabash, IL	133
Indianpolis, IN	Marion, IN	Wabash, IN	76
Indianpolis, IN	Marion, IN	Warren, IN	75
Indianpolis, IN	Marion, IN	Warren, OH	108
Indianpolis, IN	Marion, IN	Washington, IN	82
Indianpolis, IN	Marion, IN	Wayne, IN	60
Indianpolis, IN	Marion, IN	Wells, IN	83
Indianpolis, IN	Marion, IN	White, IN	76
Indianpolis, IN	Marion, IN	Whitley, IN	100
Johnstown, PA	Cambria, PA	Adams, PA	90
Johnstown, PA	Cambria, PA	Allegany, MD	63
Johnstown, PA	Cambria, PA	Allegany, NY	128
Johnstown, PA	Cambria, PA	Allegheny, PA	67
Johnstown, PA	Cambria, PA	Armstrong, PA	45
Johnstown, PA	Cambria, PA	Ashtabula, OH	137
Johnstown, PA	Cambria, PA	Augusta, VA	161
Johnstown, PA	Cambria, PA	Barbour, WV	116
Johnstown, PA	Cambria, PA	Beaver, PA	85
Johnstown, PA	Cambria, PA	Bedford, PA	34
Johnstown, PA	Cambria, PA	Belmont, OH	123
Johnstown, PA	Cambria, PA	Berkeley, WV	81
Johnstown, PA	Cambria, PA	Blair, PA	21

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Johnstown, PA	Cambria, PA	Bradford, PA	146
Johnstown, PA	Cambria, PA	Brooke, WV	98
Johnstown, PA	Cambria, PA	Butler, PA	69
Johnstown, PA	Cambria, PA	Cambria, PA	14
Johnstown, PA	Cambria, PA	Cameron, PA	70
Johnstown, PA	Cambria, PA	Carroll, MD	113
Johnstown, PA	Cambria, PA	Carroll, OH	124
Johnstown, PA	Cambria, PA	Cattaraugus, NY	124
Johnstown, PA	Cambria, PA	Centre, PA	66
Johnstown, PA	Cambria, PA	Chautauqua, NY	129
Johnstown, PA	Cambria, PA	Chemung, NY	154
Johnstown, PA	Cambria, PA	Clarion, PA	62
Johnstown, PA	Cambria, PA	Clarke, VA	103
Johnstown, PA	Cambria, PA	Clearfield, PA	38
Johnstown, PA	Cambria, PA	Clinton, PA	74
Johnstown, PA	Cambria, PA	Columbia, PA	128
Johnstown, PA	Cambria, PA	Columbiana, OH	110
Johnstown, PA	Cambria, PA	Crawford, PA	107
Johnstown, PA	Cambria, PA	Cumberland, PA	79
Johnstown, PA	Cambria, PA	Dauphin, PA	100
Johnstown, PA	Cambria, PA	Doddridge, WV	136
Johnstown, PA	Cambria, PA	Elk, PA	64
Johnstown, PA	Cambria, PA	Erie, NY	158
Johnstown, PA	Cambria, PA	Erie, PA	128
Johnstown, PA	Cambria, PA	Fairfax, VA	136
Johnstown, PA	Cambria, PA	Fauquier, VA	132
Johnstown, PA	Cambria, PA	Fayette, PA	62
Johnstown, PA	Cambria, PA	Forest, PA	73
Johnstown, PA	Cambria, PA	Franklin, PA	64
Johnstown, PA	Cambria, PA	Frederick, MD	101
Johnstown, PA	Cambria, PA	Frederick, VA	90
Johnstown, PA	Cambria, PA	Fulton, PA	50
Johnstown, PA	Cambria, PA	Garrett, MD	77
Johnstown, PA	Cambria, PA	Grant, WV	101
Johnstown, PA	Cambria, PA	Greene, PA	89
Johnstown, PA	Cambria, PA	Guernsey, OH	148
Johnstown, PA	Cambria, PA	Hampshire, WV	81
Johnstown, PA	Cambria, PA	Hancock, WV	96
Johnstown, PA	Cambria, PA	Hardy, WV	103
Johnstown, PA	Cambria, PA	Harrison, OH	125
Johnstown, PA	Cambria, PA	Harrison, WV	121
Johnstown, PA	Cambria, PA	Highland, VA	151
Johnstown, PA	Cambria, PA	Howard, MD	130
Johnstown, PA	Cambria, PA	Huntingdon, PA	37
Johnstown, PA	Cambria, PA	Indiana, PA	22
Johnstown, PA	Cambria, PA	Jefferson, OH	106
Johnstown, PA	Cambria, PA	Jefferson, PA	48
Johnstown, PA	Cambria, PA	Jefferson, WV	93
Johnstown, PA	Cambria, PA	Juniata, PA	65

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Johnstown, PA	Cambria, PA	Lancaster, PA	136
Johnstown, PA	Cambria, PA	Lawrence, PA	90
Johnstown, PA	Cambria, PA	Lebanon, PA	121
Johnstown, PA	Cambria, PA	Livingston, NY	163
Johnstown, PA	Cambria, PA	Loudoun, VA	112
Johnstown, PA	Cambria, PA	Luzerne, PA	153
Johnstown, PA	Cambria, PA	Lycoming, PA	106
Johnstown, PA	Cambria, PA	Mahoning, OH	112
Johnstown, PA	Cambria, PA	Marion, WV	105
Johnstown, PA	Cambria, PA	Marshall, WV	110
Johnstown, PA	Cambria, PA	McKean, PA	91
Johnstown, PA	Cambria, PA	Mercer, PA	97
Johnstown, PA	Cambria, PA	Mifflin, PA	58
Johnstown, PA	Cambria, PA	Mineral, WV	73
Johnstown, PA	Cambria, PA	Monongalia, WV	91
Johnstown, PA	Cambria, PA	Monroe, OH	134
Johnstown, PA	Cambria, PA	Montgomery, MD	122
Johnstown, PA	Cambria, PA	Montour, PA	115
Johnstown, PA	Cambria, PA	Morgan, WV	69
Johnstown, PA	Cambria, PA	Noble, OH	155
Johnstown, PA	Cambria, PA	Northumberland, PA	111
Johnstown, PA	Cambria, PA	Ohio, WV	103
Johnstown, PA	Cambria, PA	Ontario, NY	177
Johnstown, PA	Cambria, PA	Pendleton, WV	129
Johnstown, PA	Cambria, PA	Perry, PA	77
Johnstown, PA	Cambria, PA	Pocahontas, WV	160
Johnstown, PA	Cambria, PA	Potter, PA	97
Johnstown, PA	Cambria, PA	Preston, WV	87
Johnstown, PA	Cambria, PA	Prince William, VA	138
Johnstown, PA	Cambria, PA	Randolph, WV	133
Johnstown, PA	Cambria, PA	Rockingham, VA	136
Johnstown, PA	Cambria, PA	Schuyler, NY	163
Johnstown, PA	Cambria, PA	Schuylkill, PA	137
Johnstown, PA	Cambria, PA	Shenandoah, VA	113
Johnstown, PA	Cambria, PA	Snyder, PA	88
Johnstown, PA	Cambria, PA	Somerset, PA	37
Johnstown, PA	Cambria, PA	Stark, OH	140
Johnstown, PA	Cambria, PA	Steuben, NY	142
Johnstown, PA	Cambria, PA	Sullivan, PA	134
Johnstown, PA	Cambria, PA	Susquehanna, PA	179
Johnstown, PA	Cambria, PA	Taylor, WV	105
Johnstown, PA	Cambria, PA	Tioga, NY	173
Johnstown, PA	Cambria, PA	Tioga, PA	118
Johnstown, PA	Cambria, PA	Trumbull, OH	121
Johnstown, PA	Cambria, PA	Tucker, WV	105
Johnstown, PA	Cambria, PA	Tyler, WV	132
Johnstown, PA	Cambria, PA	Union, PA	95
Johnstown, PA	Cambria, PA	Upshur, WV	136
Johnstown, PA	Cambria, PA	Venango, PA	82

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Johnstown, PA	Cambria, PA	Warren, PA	96
Johnstown, PA	Cambria, PA	Warren, VA	113
Johnstown, PA	Cambria, PA	Washington, MD	86
Johnstown, PA	Cambria, PA	Washington, OH	164
Johnstown, PA	Cambria, PA	Washington, PA	81
Johnstown, PA	Cambria, PA	Webster, WV	166
Johnstown, PA	Cambria, PA	Westmoreland, PA	35
Johnstown, PA	Cambria, PA	Wetzel, WV	120
Johnstown, PA	Cambria, PA	Wyoming, NY	155
Johnstown, PA	Cambria, PA	Wyoming, PA	159
Johnstown, PA	Cambria, PA	Yates, NY	169
Johnstown, PA	Cambria, PA	York, PA	111
Klamath Falls, OR	Klamath, OR	Ada, ID	286
Klamath Falls, OR	Klamath, OR	Adams, ID	299
Klamath Falls, OR	Klamath, OR	Alpine, CA	307
Klamath Falls, OR	Klamath, OR	Amador, CA	306
Klamath Falls, OR	Klamath, OR	Baker, OR	239
Klamath Falls, OR	Klamath, OR	Benton, OR	142
Klamath Falls, OR	Klamath, OR	Benton, WA	265
Klamath Falls, OR	Klamath, OR	Box Elder, UT	433
Klamath Falls, OR	Klamath, OR	Butte, CA	213
Klamath Falls, OR	Klamath, OR	Canyon, ID	266
Klamath Falls, OR	Klamath, OR	Carson, NV	274
Klamath Falls, OR	Klamath, OR	Cassia, ID	417
Klamath Falls, OR	Klamath, OR	Churchill, NV	291
Klamath Falls, OR	Klamath, OR	Clackamas, OR	165
Klamath Falls, OR	Klamath, OR	Clark, NV	591
Klamath Falls, OR	Klamath, OR	Clark, WA	210
Klamath Falls, OR	Klamath, OR	Clatsop, OR	241
Klamath Falls, OR	Klamath, OR	Columbia, OR	227
Klamath Falls, OR	Klamath, OR	Columbia, WA	309
Klamath Falls, OR	Klamath, OR	Colusa, CA	252
Klamath Falls, OR	Klamath, OR	Contra Costa, CA	339
Klamath Falls, OR	Klamath, OR	Coos, OR	116
Klamath Falls, OR	Klamath, OR	Cowlitz, WA	232
Klamath Falls, OR	Klamath, OR	Crook, OR	118
Klamath Falls, OR	Klamath, OR	Curry, OR	124
Klamath Falls, OR	Klamath, OR	Del Norte, CA	132
Klamath Falls, OR	Klamath, OR	Deschutes, OR	85
Klamath Falls, OR	Klamath, OR	Douglas, NV	299
Klamath Falls, OR	Klamath, OR	Douglas, OR	65
Klamath Falls, OR	Klamath, OR	El Dorado, CA	286
Klamath Falls, OR	Klamath, OR	Elko, NV	345
Klamath Falls, OR	Klamath, OR	Elmore, ID	320
Klamath Falls, OR	Klamath, OR	Esmeralda, NV	414
Klamath Falls, OR	Klamath, OR	Eureka, NV	346
Klamath Falls, OR	Klamath, OR	Fresno, CA	434
Klamath Falls, OR	Klamath, OR	Gem, ID	293
Klamath Falls, OR	Klamath, OR	Gilliam, OR	198

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Klamath Falls, OR	Klamath, OR	Glenn, CA	225
Klamath Falls, OR	Klamath, OR	Grant, OR	182
Klamath Falls, OR	Klamath, OR	Harney, OR	140
Klamath Falls, OR	Klamath, OR	Hood River, OR	186
Klamath Falls, OR	Klamath, OR	Humboldt, CA	179
Klamath Falls, OR	Klamath, OR	Humboldt, NV	216
Klamath Falls, OR	Klamath, OR	Inyo, CA	485
Klamath Falls, OR	Klamath, OR	Jackson, OR	52
Klamath Falls, OR	Klamath, OR	Jefferson, OR	130
Klamath Falls, OR	Klamath, OR	Josephine, OR	97
Klamath Falls, OR	Klamath, OR	Klamath, OR	41
Klamath Falls, OR	Klamath, OR	Klickitat, WA	215
Klamath Falls, OR	Klamath, OR	Lake, CA	260
Klamath Falls, OR	Klamath, OR	Lake, OR	59
Klamath Falls, OR	Klamath, OR	Lander, NV	312
Klamath Falls, OR	Klamath, OR	Lane, OR	87
Klamath Falls, OR	Klamath, OR	Lassen, CA	174
Klamath Falls, OR	Klamath, OR	Lincoln, NV	502
Klamath Falls, OR	Klamath, OR	Lincoln, OR	163
Klamath Falls, OR	Klamath, OR	Linn, OR	122
Klamath Falls, OR	Klamath, OR	Lyon, NV	294
Klamath Falls, OR	Klamath, OR	Madera, CA	400
Klamath Falls, OR	Klamath, OR	Malheur, OR	214
Klamath Falls, OR	Klamath, OR	Marin, CA	331
Klamath Falls, OR	Klamath, OR	Marion, OR	159
Klamath Falls, OR	Klamath, OR	Mendocino, CA	251
Klamath Falls, OR	Klamath, OR	Mineral, NV	351
Klamath Falls, OR	Klamath, OR	Modoc, CA	101
Klamath Falls, OR	Klamath, OR	Mono, CA	358
Klamath Falls, OR	Klamath, OR	Morrow, OR	215
Klamath Falls, OR	Klamath, OR	Multnomah, OR	197
Klamath Falls, OR	Klamath, OR	Napa, CA	298
Klamath Falls, OR	Klamath, OR	Nevada, CA	248
Klamath Falls, OR	Klamath, OR	Nye, NV	456
Klamath Falls, OR	Klamath, OR	Owyhee, ID	283
Klamath Falls, OR	Klamath, OR	Payette, ID	263
Klamath Falls, OR	Klamath, OR	Pershing, NV	242
Klamath Falls, OR	Klamath, OR	Placer, CA	268
Klamath Falls, OR	Klamath, OR	Plumas, CA	199
Klamath Falls, OR	Klamath, OR	Polk, OR	166
Klamath Falls, OR	Klamath, OR	Sacramento, CA	308
Klamath Falls, OR	Klamath, OR	San Joaquin, CA	341
Klamath Falls, OR	Klamath, OR	Shasta, CA	144
Klamath Falls, OR	Klamath, OR	Sherman, OR	189
Klamath Falls, OR	Klamath, OR	Sierra, CA	233
Klamath Falls, OR	Klamath, OR	Siskiyou, CA	98
Klamath Falls, OR	Klamath, OR	Skamania, WA	219
Klamath Falls, OR	Klamath, OR	Solano, CA	313
Klamath Falls, OR	Klamath, OR	Sonoma, CA	305

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Klamath Falls, OR	Klamath, OR	Storey, NV	261
Klamath Falls, OR	Klamath, OR	Sutter, CA	262
Klamath Falls, OR	Klamath, OR	Tehama, CA	187
Klamath Falls, OR	Klamath, OR	Tillamook, OR	204
Klamath Falls, OR	Klamath, OR	Tooele, UT	478
Klamath Falls, OR	Klamath, OR	Trinity, CA	163
Klamath Falls, OR	Klamath, OR	Tuolumne, CA	345
Klamath Falls, OR	Klamath, OR	Twin Falls, ID	370
Klamath Falls, OR	Klamath, OR	Umatilla, OR	244
Klamath Falls, OR	Klamath, OR	Union, OR	260
Klamath Falls, OR	Klamath, OR	Wahkiakum, WA	252
Klamath Falls, OR	Klamath, OR	Walla Walla, WA	292
Klamath Falls, OR	Klamath, OR	Wallowa, OR	300
Klamath Falls, OR	Klamath, OR	Wasco, OR	172
Klamath Falls, OR	Klamath, OR	Washington, ID	274
Klamath Falls, OR	Klamath, OR	Washington, OR	200
Klamath Falls, OR	Klamath, OR	Washoe, NV	190
Klamath Falls, OR	Klamath, OR	Wheeler, OR	158
Klamath Falls, OR	Klamath, OR	White Pine, NV	427
Klamath Falls, OR	Klamath, OR	Yakima, WA	266
Klamath Falls, OR	Klamath, OR	Yamhill, OR	183
Klamath Falls, OR	Klamath, OR	Yolo, CA	290
Klamath Falls, OR	Klamath, OR	Yuba, CA	245
Knoxville, TN	Knox, TN	Abbeville, SC	145
Knoxville, TN	Knox, TN	Adair, KY	110
Knoxville, TN	Knox, TN	Anderson, SC	124
Knoxville, TN	Knox, TN	Anderson, TN	20
Knoxville, TN	Knox, TN	Ashe, NC	137
Knoxville, TN	Knox, TN	Avery, NC	111
Knoxville, TN	Knox, TN	Bell, KY	56
Knoxville, TN	Knox, TN	Bledsoe, TN	82
Knoxville, TN	Knox, TN	Blount, TN	22
Knoxville, TN	Knox, TN	Bradley, TN	78
Knoxville, TN	Knox, TN	Bristol (City), VA	106
Knoxville, TN	Knox, TN	Buchanan, VA	136
Knoxville, TN	Knox, TN	Buncombe, NC	80
Knoxville, TN	Knox, TN	Burke, NC	121
Knoxville, TN	Knox, TN	Campbell, TN	30
Knoxville, TN	Knox, TN	Cannon, TN	121
Knoxville, TN	Knox, TN	Carter, TN	100
Knoxville, TN	Knox, TN	Casey, KY	109
Knoxville, TN	Knox, TN	Catoosa, GA	104
Knoxville, TN	Knox, TN	Chattooga, GA	135
Knoxville, TN	Knox, TN	Cherokee, NC	60
Knoxville, TN	Knox, TN	Cherokee, SC	144
Knoxville, TN	Knox, TN	Claiborne, TN	36
Knoxville, TN	Knox, TN	Clay, KY	80
Knoxville, TN	Knox, TN	Clay, NC	64
Knoxville, TN	Knox, TN	Clay, TN	98

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Knoxville, TN	Knox, TN	Cleveland, NC	138
Knoxville, TN	Knox, TN	Clinton, KY	86
Knoxville, TN	Knox, TN	Cocke, TN	45
Knoxville, TN	Knox, TN	Coffee, TN	126
Knoxville, TN	Knox, TN	Cumberland, KY	100
Knoxville, TN	Knox, TN	Cumberland, TN	61
Knoxville, TN	Knox, TN	Dade, GA	122
Knoxville, TN	Knox, TN	Dawson, GA	106
Knoxville, TN	Knox, TN	De Kalb, TN	109
Knoxville, TN	Knox, TN	DeKalb, AL	144
Knoxville, TN	Knox, TN	Dickenson, VA	116
Knoxville, TN	Knox, TN	Fannin, GA	84
Knoxville, TN	Knox, TN	Fentress, TN	63
Knoxville, TN	Knox, TN	Floyd, GA	136
Knoxville, TN	Knox, TN	Franklin, GA	117
Knoxville, TN	Knox, TN	Franklin, TN	135
Knoxville, TN	Knox, TN	Gilmer, GA	94
Knoxville, TN	Knox, TN	Gordon, GA	116
Knoxville, TN	Knox, TN	Graham, NC	45
Knoxville, TN	Knox, TN	Grainger, TN	27
Knoxville, TN	Knox, TN	Grayson, VA	156
Knoxville, TN	Knox, TN	Greene, TN	57
Knoxville, TN	Knox, TN	Greenville, SC	118
Knoxville, TN	Knox, TN	Grundy, TN	109
Knoxville, TN	Knox, TN	Habersham, GA	97
Knoxville, TN	Knox, TN	Hamblen, TN	38
Knoxville, TN	Knox, TN	Hamilton, TN	88
Knoxville, TN	Knox, TN	Hancock, TN	50
Knoxville, TN	Knox, TN	Harlan, KY	68
Knoxville, TN	Knox, TN	Hart, GA	125
Knoxville, TN	Knox, TN	Hawkins, TN	61
Knoxville, TN	Knox, TN	Haywood, NC	61
Knoxville, TN	Knox, TN	Henderson, NC	92
Knoxville, TN	Knox, TN	Jackson, AL	149
Knoxville, TN	Knox, TN	Jackson, KY	99
Knoxville, TN	Knox, TN	Jackson, NC	67
Knoxville, TN	Knox, TN	Jackson, TN	102
Knoxville, TN	Knox, TN	Jefferson, TN	25
Knoxville, TN	Knox, TN	Johnson, TN	118
Knoxville, TN	Knox, TN	Knox, KY	61
Knoxville, TN	Knox, TN	Knox, TN	13
Knoxville, TN	Knox, TN	Laurel, KY	80
Knoxville, TN	Knox, TN	Laurens, SC	150
Knoxville, TN	Knox, TN	Lee, VA	73
Knoxville, TN	Knox, TN	Leslie, KY	83
Knoxville, TN	Knox, TN	Letcher, KY	96
Knoxville, TN	Knox, TN	Lincoln, KY	109
Knoxville, TN	Knox, TN	Loudon, TN	27
Knoxville, TN	Knox, TN	Lumpkin, GA	98

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Knoxville, TN	Knox, TN	Macon, NC	62
Knoxville, TN	Knox, TN	Macon, TN	124
Knoxville, TN	Knox, TN	Madison, NC	70
Knoxville, TN	Knox, TN	Marion, TN	113
Knoxville, TN	Knox, TN	Mc Creary, KY	64
Knoxville, TN	Knox, TN	Mc Dowell, NC	105
Knoxville, TN	Knox, TN	McMinn, TN	55
Knoxville, TN	Knox, TN	Meigs, TN	60
Knoxville, TN	Knox, TN	Mitchell, NC	98
Knoxville, TN	Knox, TN	Monroe, KY	114
Knoxville, TN	Knox, TN	Monroe, TN	42
Knoxville, TN	Knox, TN	Morgan, TN	44
Knoxville, TN	Knox, TN	Murray, GA	96
Knoxville, TN	Knox, TN	Norton, VA	96
Knoxville, TN	Knox, TN	Oconee, SC	96
Knoxville, TN	Knox, TN	Overton, TN	82
Knoxville, TN	Knox, TN	Owsley, KY	98
Knoxville, TN	Knox, TN	Perry, KY	94
Knoxville, TN	Knox, TN	Pickens, SC	103
Knoxville, TN	Knox, TN	Pickett, TN	79
Knoxville, TN	Knox, TN	Pike, KY	134
Knoxville, TN	Knox, TN	Polk, NC	108
Knoxville, TN	Knox, TN	Polk, TN	68
Knoxville, TN	Knox, TN	Pulaski, KY	87
Knoxville, TN	Knox, TN	Putnam, TN	88
Knoxville, TN	Knox, TN	Rabun, GA	82
Knoxville, TN	Knox, TN	Rhea, TN	63
Knoxville, TN	Knox, TN	Roane, TN	38
Knoxville, TN	Knox, TN	Rockcastle, KY	97
Knoxville, TN	Knox, TN	Russell, KY	94
Knoxville, TN	Knox, TN	Russell, VA	120
Knoxville, TN	Knox, TN	Rutherford, NC	119
Knoxville, TN	Knox, TN	Scott, TN	44
Knoxville, TN	Knox, TN	Scott, VA	90
Knoxville, TN	Knox, TN	Sequatchie, TN	93
Knoxville, TN	Knox, TN	Sevier, TN	25
Knoxville, TN	Knox, TN	Smith, TN	117
Knoxville, TN	Knox, TN	Smyth, VA	145
Knoxville, TN	Knox, TN	Spartanburg, SC	132
Knoxville, TN	Knox, TN	Stephens, GA	104
Knoxville, TN	Knox, TN	Sullivan, TN	95
Knoxville, TN	Knox, TN	Swain, NC	39
Knoxville, TN	Knox, TN	Tazewell, VA	150
Knoxville, TN	Knox, TN	Towns, GA	77
Knoxville, TN	Knox, TN	Transylvania, NC	83
Knoxville, TN	Knox, TN	Trousdale, TN	128
Knoxville, TN	Knox, TN	Unicoi, TN	80
Knoxville, TN	Knox, TN	Union, GA	81
Knoxville, TN	Knox, TN	Union, TN	22

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Knoxville, TN	Knox, TN	Van Buren, TN	90
Knoxville, TN	Knox, TN	Walker, GA	116
Knoxville, TN	Knox, TN	Warren, TN	108
Knoxville, TN	Knox, TN	Washington, TN	81
Knoxville, TN	Knox, TN	Washington, VA	121
Knoxville, TN	Knox, TN	Watauga, NC	124
Knoxville, TN	Knox, TN	Wayne, KY	76
Knoxville, TN	Knox, TN	White, GA	93
Knoxville, TN	Knox, TN	White, TN	87
Knoxville, TN	Knox, TN	Whitfield, GA	103
Knoxville, TN	Knox, TN	Whitley, KY	57
Knoxville, TN	Knox, TN	Wilson, TN	136
Knoxville, TN	Knox, TN	Wise, VA	99
Knoxville, TN	Knox, TN	Yancey, NC	90
Lafayette, IN	Tippecanoe, IN	Adams, IN	106
Lafayette, IN	Tippecanoe, IN	Allen, IN	107
Lafayette, IN	Tippecanoe, IN	Bartholomew, IN	99
Lafayette, IN	Tippecanoe, IN	Benton, IN	27
Lafayette, IN	Tippecanoe, IN	Berrien, MI	115
Lafayette, IN	Tippecanoe, IN	Blackford, IN	83
Lafayette, IN	Tippecanoe, IN	Boone, IN	32
Lafayette, IN	Tippecanoe, IN	Brown, IN	90
Lafayette, IN	Tippecanoe, IN	Carroll, IN	22
Lafayette, IN	Tippecanoe, IN	Cass, IN	36
Lafayette, IN	Tippecanoe, IN	Cass, MI	116
Lafayette, IN	Tippecanoe, IN	Champaign, IL	71
Lafayette, IN	Tippecanoe, IN	Clark, IL	88
Lafayette, IN	Tippecanoe, IN	Clay, IN	70
Lafayette, IN	Tippecanoe, IN	Clinton, IN	23
Lafayette, IN	Tippecanoe, IN	Coles, IL	92
Lafayette, IN	Tippecanoe, IN	Cook, IL	108
Lafayette, IN	Tippecanoe, IN	Crawford, IL	106
Lafayette, IN	Tippecanoe, IN	Cumberland, IL	105
Lafayette, IN	Tippecanoe, IN	Daviess, IN	118
Lafayette, IN	Tippecanoe, IN	De Witt, IL	107
Lafayette, IN	Tippecanoe, IN	Decatur, IN	106
Lafayette, IN	Tippecanoe, IN	Delaware, IN	80
Lafayette, IN	Tippecanoe, IN	Douglas, IL	82
Lafayette, IN	Tippecanoe, IN	DuPage, IL	118
Lafayette, IN	Tippecanoe, IN	Edgar, IL	67
Lafayette, IN	Tippecanoe, IN	Elkhart, IN	100
Lafayette, IN	Tippecanoe, IN	Fayette, IN	104
Lafayette, IN	Tippecanoe, IN	Ford, IL	71
Lafayette, IN	Tippecanoe, IN	Fountain, IN	25
Lafayette, IN	Tippecanoe, IN	Franklin, IN	119
Lafayette, IN	Tippecanoe, IN	Fulton, IN	58
Lafayette, IN	Tippecanoe, IN	Grant, IN	66
Lafayette, IN	Tippecanoe, IN	Greene, IN	94
Lafayette, IN	Tippecanoe, IN	Grundy, IL	101

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Lafayette, IN	Tippecanoe, IN	Hamilton, IN	50
Lafayette, IN	Tippecanoe, IN	Hancock, IN	71
Lafayette, IN	Tippecanoe, IN	Hendricks, IN	48
Lafayette, IN	Tippecanoe, IN	Henry, IN	86
Lafayette, IN	Tippecanoe, IN	Howard, IN	41
Lafayette, IN	Tippecanoe, IN	Huntington, IN	80
Lafayette, IN	Tippecanoe, IN	Iroquois, IL	55
Lafayette, IN	Tippecanoe, IN	Jackson, IN	113
Lafayette, IN	Tippecanoe, IN	Jasper, IL	117
Lafayette, IN	Tippecanoe, IN	Jasper, IN	44
Lafayette, IN	Tippecanoe, IN	Jay, IN	100
Lafayette, IN	Tippecanoe, IN	Johnson, IN	75
Lafayette, IN	Tippecanoe, IN	Kane, IL	134
Lafayette, IN	Tippecanoe, IN	Kankakee, IL	74
Lafayette, IN	Tippecanoe, IN	Kendall, IL	116
Lafayette, IN	Tippecanoe, IN	Knox, IN	123
Lafayette, IN	Tippecanoe, IN	Kosciusko, IN	80
Lafayette, IN	Tippecanoe, IN	La Salle, IL	121
Lafayette, IN	Tippecanoe, IN	Lagrange, IN	116
Lafayette, IN	Tippecanoe, IN	Lake, IL	146
Lafayette, IN	Tippecanoe, IN	Lake, IN	77
Lafayette, IN	Tippecanoe, IN	LaPorte, IN	77
Lafayette, IN	Tippecanoe, IN	Lawrence, IN	109
Lafayette, IN	Tippecanoe, IN	Livingston, IL	95
Lafayette, IN	Tippecanoe, IN	Logan, IL	132
Lafayette, IN	Tippecanoe, IN	Macon, IL	116
Lafayette, IN	Tippecanoe, IN	Madison, IN	64
Lafayette, IN	Tippecanoe, IN	Marion, IN	58
Lafayette, IN	Tippecanoe, IN	Marshall, IN	73
Lafayette, IN	Tippecanoe, IN	Martin, IN	117
Lafayette, IN	Tippecanoe, IN	McHenry, IL	156
Lafayette, IN	Tippecanoe, IN	McLean, IL	104
Lafayette, IN	Tippecanoe, IN	Miami, IN	52
Lafayette, IN	Tippecanoe, IN	Monroe, IN	86
Lafayette, IN	Tippecanoe, IN	Montgomery, IN	24
Lafayette, IN	Tippecanoe, IN	Morgan, IN	66
Lafayette, IN	Tippecanoe, IN	Moultrie, IL	107
Lafayette, IN	Tippecanoe, IN	Newton, IN	49
Lafayette, IN	Tippecanoe, IN	Noble, IN	104
Lafayette, IN	Tippecanoe, IN	Owen, IN	74
Lafayette, IN	Tippecanoe, IN	Parke, IN	45
Lafayette, IN	Tippecanoe, IN	Piatt, IL	94
Lafayette, IN	Tippecanoe, IN	Porter, IN	75
Lafayette, IN	Tippecanoe, IN	Pulaski, IN	46
Lafayette, IN	Tippecanoe, IN	Putnam, IN	50
Lafayette, IN	Tippecanoe, IN	Randolph, IN	101
Lafayette, IN	Tippecanoe, IN	Rush, IN	92
Lafayette, IN	Tippecanoe, IN	Shelby, IL	118
Lafayette, IN	Tippecanoe, IN	Shelby, IN	84

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Lafayette, IN	Tippecanoe, IN	St. Joseph, IN	90
Lafayette, IN	Tippecanoe, IN	St. Joseph, MI	127
Lafayette, IN	Tippecanoe, IN	Starke, IN	65
Lafayette, IN	Tippecanoe, IN	Sullivan, IN	95
Lafayette, IN	Tippecanoe, IN	Tazewell, IL	140
Lafayette, IN	Tippecanoe, IN	Tippecanoe, IN	13
Lafayette, IN	Tippecanoe, IN	Tipton, IN	45
Lafayette, IN	Tippecanoe, IN	Van Buren, MI	135
Lafayette, IN	Tippecanoe, IN	Vermilion, IL	47
Lafayette, IN	Tippecanoe, IN	Vermillion, IN	46
Lafayette, IN	Tippecanoe, IN	Vigo, IN	71
Lafayette, IN	Tippecanoe, IN	Wabash, IN	66
Lafayette, IN	Tippecanoe, IN	Warren, IN	27
Lafayette, IN	Tippecanoe, IN	Wayne, IN	106
Lafayette, IN	Tippecanoe, IN	Wells, IN	92
Lafayette, IN	Tippecanoe, IN	White, IN	24
Lafayette, IN	Tippecanoe, IN	Whitley, IN	89
Lafayette, IN	Tippecanoe, IN	Will, IL	91
Lafayette, IN	Tippecanoe, IN	Woodford, IL	126
Lancaster, PA	Lancaster, PA	Adams, PA	53
Lancaster, PA	Lancaster, PA	Alexandria (City), VA	95
Lancaster, PA	Lancaster, PA	Allegany, MD	129
Lancaster, PA	Lancaster, PA	Allegany, NY	181
Lancaster, PA	Lancaster, PA	Anne Arundel, MD	75
Lancaster, PA	Lancaster, PA	Arlington, VA	91
Lancaster, PA	Lancaster, PA	Atlantic, NJ	89
Lancaster, PA	Lancaster, PA	Baltimore (City), MD	55
Lancaster, PA	Lancaster, PA	Baltimore, MD	44
Lancaster, PA	Lancaster, PA	Bedford, PA	119
Lancaster, PA	Lancaster, PA	Berkeley, WV	103
Lancaster, PA	Lancaster, PA	Berks, PA	31
Lancaster, PA	Lancaster, PA	Blair, PA	116
Lancaster, PA	Lancaster, PA	Bradford, PA	122
Lancaster, PA	Lancaster, PA	Bucks, PA	62
Lancaster, PA	Lancaster, PA	Burlington, NJ	83
Lancaster, PA	Lancaster, PA	Calvert, MD	104
Lancaster, PA	Lancaster, PA	Cambria, PA	136
Lancaster, PA	Lancaster, PA	Camden, NJ	68
Lancaster, PA	Lancaster, PA	Cameron, PA	142
Lancaster, PA	Lancaster, PA	Cape May, NJ	98
Lancaster, PA	Lancaster, PA	Carbon, PA	68
Lancaster, PA	Lancaster, PA	Caroline, MD	81
Lancaster, PA	Lancaster, PA	Carroll, MD	53
Lancaster, PA	Lancaster, PA	Cecil, MD	37
Lancaster, PA	Lancaster, PA	Centre, PA	100
Lancaster, PA	Lancaster, PA	Charles, MD	113
Lancaster, PA	Lancaster, PA	Chemung, NY	150
Lancaster, PA	Lancaster, PA	Chester, PA	28
Lancaster, PA	Lancaster, PA	Clarke, VA	112

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Lancaster, PA	Lancaster, PA	Clearfield, PA	134
Lancaster, PA	Lancaster, PA	Clinton, PA	114
Lancaster, PA	Lancaster, PA	Columbia, PA	71
Lancaster, PA	Lancaster, PA	Cumberland, NJ	74
Lancaster, PA	Lancaster, PA	Cumberland, PA	58
Lancaster, PA	Lancaster, PA	Dauphin, PA	41
Lancaster, PA	Lancaster, PA	Delaware, PA	46
Lancaster, PA	Lancaster, PA	District of Columbia, DC	87
Lancaster, PA	Lancaster, PA	Dorchester, MD	111
Lancaster, PA	Lancaster, PA	Fairfax (City), VA	99
Lancaster, PA	Lancaster, PA	Fairfax, VA	100
Lancaster, PA	Lancaster, PA	Fauquier, VA	124
Lancaster, PA	Lancaster, PA	Franklin, PA	78
Lancaster, PA	Lancaster, PA	Frederick, MD	71
Lancaster, PA	Lancaster, PA	Fulton, PA	99
Lancaster, PA	Lancaster, PA	Gloucester, NJ	62
Lancaster, PA	Lancaster, PA	Harford, MD	36
Lancaster, PA	Lancaster, PA	Howard, MD	65
Lancaster, PA	Lancaster, PA	Hunterdon, NJ	78
Lancaster, PA	Lancaster, PA	Huntingdon, PA	99
Lancaster, PA	Lancaster, PA	Jefferson, WV	99
Lancaster, PA	Lancaster, PA	Juniata, PA	74
Lancaster, PA	Lancaster, PA	Kent, DE	73
Lancaster, PA	Lancaster, PA	Kent, MD	57
Lancaster, PA	Lancaster, PA	Lackawanna, PA	101
Lancaster, PA	Lancaster, PA	Lancaster, PA	18
Lancaster, PA	Lancaster, PA	Lebanon, PA	27
Lancaster, PA	Lancaster, PA	Lehigh, PA	53
Lancaster, PA	Lancaster, PA	Loudoun, VA	100
Lancaster, PA	Lancaster, PA	Luzerne, PA	81
Lancaster, PA	Lancaster, PA	Lycoming, PA	101
Lancaster, PA	Lancaster, PA	McKean, PA	174
Lancaster, PA	Lancaster, PA	Mercer, NJ	84
Lancaster, PA	Lancaster, PA	Middlesex, NJ	102
Lancaster, PA	Lancaster, PA	Mifflin, PA	85
Lancaster, PA	Lancaster, PA	Monmouth, NJ	110
Lancaster, PA	Lancaster, PA	Monroe, PA	86
Lancaster, PA	Lancaster, PA	Montgomery, MD	81
Lancaster, PA	Lancaster, PA	Montgomery, PA	48
Lancaster, PA	Lancaster, PA	Montour, PA	73
Lancaster, PA	Lancaster, PA	Morgan, WV	115
Lancaster, PA	Lancaster, PA	Morris, NJ	105
Lancaster, PA	Lancaster, PA	New Castle, DE	43
Lancaster, PA	Lancaster, PA	Northampton, PA	67
Lancaster, PA	Lancaster, PA	Northumberland, PA	65
Lancaster, PA	Lancaster, PA	Ocean, NJ	104
Lancaster, PA	Lancaster, PA	Perry, PA	61
Lancaster, PA	Lancaster, PA	Philadelphia, PA	58
Lancaster, PA	Lancaster, PA	Pike, PA	111

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Lancaster, PA	Lancaster, PA	Potter, PA	148
Lancaster, PA	Lancaster, PA	Prince George's, MD	88
Lancaster, PA	Lancaster, PA	Prince William, VA	113
Lancaster, PA	Lancaster, PA	Queen Anne's, MD	68
Lancaster, PA	Lancaster, PA	Salem, NJ	58
Lancaster, PA	Lancaster, PA	Schuylkill, PA	49
Lancaster, PA	Lancaster, PA	Snyder, PA	69
Lancaster, PA	Lancaster, PA	Somerset, NJ	93
Lancaster, PA	Lancaster, PA	Somerset, PA	149
Lancaster, PA	Lancaster, PA	Steuben, NY	169
Lancaster, PA	Lancaster, PA	Sullivan, PA	99
Lancaster, PA	Lancaster, PA	Susquehanna, PA	127
Lancaster, PA	Lancaster, PA	Sussex, DE	101
Lancaster, PA	Lancaster, PA	Sussex, NJ	111
Lancaster, PA	Lancaster, PA	Talbot, MD	87
Lancaster, PA	Lancaster, PA	Tioga, NY	151
Lancaster, PA	Lancaster, PA	Tioga, PA	132
Lancaster, PA	Lancaster, PA	Union, PA	79
Lancaster, PA	Lancaster, PA	Warren, NJ	88
Lancaster, PA	Lancaster, PA	Washington, MD	86
Lancaster, PA	Lancaster, PA	Wayne, PA	122
Lancaster, PA	Lancaster, PA	Wicomico, MD	118
Lancaster, PA	Lancaster, PA	Worcester, MD	132
Lancaster, PA	Lancaster, PA	Wyoming, PA	104
Lancaster, PA	Lancaster, PA	York, PA	27
Libby, MT	Lincoln, MT	Adams, ID	254
Libby, MT	Lincoln, MT	Adams, WA	172
Libby, MT	Lincoln, MT	Asotin, WA	174
Libby, MT	Lincoln, MT	Baker, OR	284
Libby, MT	Lincoln, MT	Beaverhead, MT	255
Libby, MT	Lincoln, MT	Benewah, ID	102
Libby, MT	Lincoln, MT	Benton, WA	244
Libby, MT	Lincoln, MT	Blaine, MT	298
Libby, MT	Lincoln, MT	Boise, ID	310
Libby, MT	Lincoln, MT	Bonner, ID	51
Libby, MT	Lincoln, MT	Boundary, ID	49
Libby, MT	Lincoln, MT	Broadwater, MT	239
Libby, MT	Lincoln, MT	Butte, ID	343
Libby, MT	Lincoln, MT	Carbon, MT	368
Libby, MT	Lincoln, MT	Cascade, MT	204
Libby, MT	Lincoln, MT	Chelan, WA	238
Libby, MT	Lincoln, MT	Chouteau, MT	233
Libby, MT	Lincoln, MT	Clark, ID	325
Libby, MT	Lincoln, MT	Clearwater, ID	128
Libby, MT	Lincoln, MT	Columbia, WA	188
Libby, MT	Lincoln, MT	Custer, ID	297
Libby, MT	Lincoln, MT	Deer Lodge, MT	201
Libby, MT	Lincoln, MT	Douglas, WA	206
Libby, MT	Lincoln, MT	Fergus, MT	295

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Libby, MT	Lincoln, MT	Ferry, WA	141
Libby, MT	Lincoln, MT	Flathead, MT	63
Libby, MT	Lincoln, MT	Franklin, WA	213
Libby, MT	Lincoln, MT	Fremont, ID	344
Libby, MT	Lincoln, MT	Gallatin, MT	294
Libby, MT	Lincoln, MT	Garfield, WA	175
Libby, MT	Lincoln, MT	Gem, ID	299
Libby, MT	Lincoln, MT	Glacier, MT	115
Libby, MT	Lincoln, MT	Golden Valley, MT	328
Libby, MT	Lincoln, MT	Granite, MT	171
Libby, MT	Lincoln, MT	Grant, WA	204
Libby, MT	Lincoln, MT	Hill, MT	244
Libby, MT	Lincoln, MT	Idaho, ID	177
Libby, MT	Lincoln, MT	Jefferson, MT	221
Libby, MT	Lincoln, MT	Judith Basin, MT	263
Libby, MT	Lincoln, MT	Kittitas, WA	258
Libby, MT	Lincoln, MT	Kootenai, ID	78
Libby, MT	Lincoln, MT	Lake, MT	84
Libby, MT	Lincoln, MT	Latah, ID	125
Libby, MT	Lincoln, MT	Lemhi, ID	249
Libby, MT	Lincoln, MT	Lewis and Clark, MT	161
Libby, MT	Lincoln, MT	Lewis, ID	159
Libby, MT	Lincoln, MT	Liberty, MT	203
Libby, MT	Lincoln, MT	Lincoln, MT	33
Libby, MT	Lincoln, MT	Lincoln, WA	148
Libby, MT	Lincoln, MT	Madison, MT	275
Libby, MT	Lincoln, MT	Meagher, MT	250
Libby, MT	Lincoln, MT	Mineral, MT	97
Libby, MT	Lincoln, MT	Missoula, MT	116
Libby, MT	Lincoln, MT	Musselshell, MT	361
Libby, MT	Lincoln, MT	Nez Perce, ID	165
Libby, MT	Lincoln, MT	Okanogan, WA	197
Libby, MT	Lincoln, MT	Park, MT	305
Libby, MT	Lincoln, MT	Park, WY	401
Libby, MT	Lincoln, MT	Pend Oreille, WA	84
Libby, MT	Lincoln, MT	Petroleum, MT	342
Libby, MT	Lincoln, MT	Phillips, MT	348
Libby, MT	Lincoln, MT	Pondera, MT	139
Libby, MT	Lincoln, MT	Powell, MT	153
Libby, MT	Lincoln, MT	Ravalli, MT	176
Libby, MT	Lincoln, MT	Sanders, MT	54
Libby, MT	Lincoln, MT	Shoshone, ID	70
Libby, MT	Lincoln, MT	Silver Bow, MT	218
Libby, MT	Lincoln, MT	Skagit, WA	294
Libby, MT	Lincoln, MT	Spokane, WA	107
Libby, MT	Lincoln, MT	Stevens, WA	110
Libby, MT	Lincoln, MT	Stillwater, MT	352
Libby, MT	Lincoln, MT	Sweet Grass, MT	323
Libby, MT	Lincoln, MT	Teton, MT	158

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Libby, MT	Lincoln, MT	Toole, MT	171
Libby, MT	Lincoln, MT	Umatilla, OR	253
Libby, MT	Lincoln, MT	Union, OR	243
Libby, MT	Lincoln, MT	Valley, ID	260
Libby, MT	Lincoln, MT	Walla Walla, WA	206
Libby, MT	Lincoln, MT	Wallowa, OR	216
Libby, MT	Lincoln, MT	Washington, ID	281
Libby, MT	Lincoln, MT	Whatcom, WA	288
Libby, MT	Lincoln, MT	Wheatland, MT	295
Libby, MT	Lincoln, MT	Whitman, WA	147
Libby, MT	Lincoln, MT	Yakima, WA	275
Logan, UT	Cache, UT	Ada, ID	260
Logan, UT	Cache, UT	Albany, WY	313
Logan, UT	Cache, UT	Baker, OR	369
Logan, UT	Cache, UT	Bannock, ID	70
Logan, UT	Cache, UT	Bear Lake, ID	48
Logan, UT	Cache, UT	Beaver, UT	243
Logan, UT	Cache, UT	Beaverhead, MT	248
Logan, UT	Cache, UT	Big Horn, WY	276
Logan, UT	Cache, UT	Bingham, ID	112
Logan, UT	Cache, UT	Blaine, ID	157
Logan, UT	Cache, UT	Boise, ID	259
Logan, UT	Cache, UT	Bonneville, ID	114
Logan, UT	Cache, UT	Box Elder, UT	95
Logan, UT	Cache, UT	Butte, ID	159
Logan, UT	Cache, UT	Cache, UT	19
Logan, UT	Cache, UT	Camas, ID	203
Logan, UT	Cache, UT	Canyon, ID	283
Logan, UT	Cache, UT	Carbon, MT	283
Logan, UT	Cache, UT	Carbon, UT	153
Logan, UT	Cache, UT	Carbon, WY	255
Logan, UT	Cache, UT	Caribou, ID	72
Logan, UT	Cache, UT	Carson, NV	455
Logan, UT	Cache, UT	Cassia, ID	108
Logan, UT	Cache, UT	Churchill, NV	376
Logan, UT	Cache, UT	Clark, ID	181
Logan, UT	Cache, UT	Clark, NV	441
Logan, UT	Cache, UT	Converse, WY	330
Logan, UT	Cache, UT	Crook, OR	467
Logan, UT	Cache, UT	Custer, ID	218
Logan, UT	Cache, UT	Daggett, UT	118
Logan, UT	Cache, UT	Davis, UT	49
Logan, UT	Cache, UT	Deschutes, OR	516
Logan, UT	Cache, UT	Duchesne, UT	116
Logan, UT	Cache, UT	Elko, NV	202
Logan, UT	Cache, UT	Elmore, ID	228
Logan, UT	Cache, UT	Emery, UT	187
Logan, UT	Cache, UT	Esmeralda, NV	418
Logan, UT	Cache, UT	Eureka, NV	259

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Logan, UT	Cache, UT	Franklin, ID	37
Logan, UT	Cache, UT	Fremont, ID	183
Logan, UT	Cache, UT	Fremont, WY	190
Logan, UT	Cache, UT	Gallatin, MT	254
Logan, UT	Cache, UT	Garfield, CO	259
Logan, UT	Cache, UT	Gem, ID	287
Logan, UT	Cache, UT	Gooding, ID	181
Logan, UT	Cache, UT	Grand, UT	217
Logan, UT	Cache, UT	Grant, OR	415
Logan, UT	Cache, UT	Harney, OR	386
Logan, UT	Cache, UT	Hot Springs, WY	215
Logan, UT	Cache, UT	Humboldt, NV	334
Logan, UT	Cache, UT	Inyo, CA	467
Logan, UT	Cache, UT	Iron, UT	281
Logan, UT	Cache, UT	Jackson, CO	290
Logan, UT	Cache, UT	Jefferson, ID	152
Logan, UT	Cache, UT	Jerome, ID	147
Logan, UT	Cache, UT	Juab, UT	152
Logan, UT	Cache, UT	Lake, OR	463
Logan, UT	Cache, UT	Lander, NV	301
Logan, UT	Cache, UT	Lassen, CA	473
Logan, UT	Cache, UT	Lemhi, ID	256
Logan, UT	Cache, UT	Lincoln, ID	153
Logan, UT	Cache, UT	Lincoln, NV	322
Logan, UT	Cache, UT	Lincoln, WY	71
Logan, UT	Cache, UT	Lyon, NV	429
Logan, UT	Cache, UT	Madison, ID	145
Logan, UT	Cache, UT	Madison, MT	249
Logan, UT	Cache, UT	Malheur, OR	319
Logan, UT	Cache, UT	Millard, UT	194
Logan, UT	Cache, UT	Mineral, NV	412
Logan, UT	Cache, UT	Minidoka, ID	124
Logan, UT	Cache, UT	Modoc, CA	465
Logan, UT	Cache, UT	Moffat, CO	199
Logan, UT	Cache, UT	Mohave, AZ	438
Logan, UT	Cache, UT	Morgan, UT	42
Logan, UT	Cache, UT	Natrona, WY	268
Logan, UT	Cache, UT	Nevada, CA	516
Logan, UT	Cache, UT	Nye, NV	382
Logan, UT	Cache, UT	Oneida, ID	57
Logan, UT	Cache, UT	Owyhee, ID	244
Logan, UT	Cache, UT	Park, MT	277
Logan, UT	Cache, UT	Park, WY	221
Logan, UT	Cache, UT	Payette, ID	303
Logan, UT	Cache, UT	Pershing, NV	353
Logan, UT	Cache, UT	Placer, CA	509
Logan, UT	Cache, UT	Power, ID	91
Logan, UT	Cache, UT	Rich, UT	27
Logan, UT	Cache, UT	Rio Blanco, CO	222

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Logan, UT	Cache, UT	Routt, CO	259
Logan, UT	Cache, UT	Salt Lake, UT	71
Logan, UT	Cache, UT	Sanpete, UT	157
Logan, UT	Cache, UT	Sevier, UT	201
Logan, UT	Cache, UT	Sierra, CA	483
Logan, UT	Cache, UT	Storey, NV	439
Logan, UT	Cache, UT	Sublette, WY	122
Logan, UT	Cache, UT	Summit, UT	74
Logan, UT	Cache, UT	Sweetwater, WY	142
Logan, UT	Cache, UT	Teton, ID	145
Logan, UT	Cache, UT	Teton, WY	168
Logan, UT	Cache, UT	Tooele, UT	111
Logan, UT	Cache, UT	Twin Falls, ID	154
Logan, UT	Cache, UT	Uinta, WY	67
Logan, UT	Cache, UT	Uintah, UT	157
Logan, UT	Cache, UT	Utah, UT	104
Logan, UT	Cache, UT	Valley, ID	287
Logan, UT	Cache, UT	Wasatch, UT	101
Logan, UT	Cache, UT	Washakie, WY	255
Logan, UT	Cache, UT	Washington, ID	324
Logan, UT	Cache, UT	Washington, UT	317
Logan, UT	Cache, UT	Washoe, NV	420
Logan, UT	Cache, UT	Weber, UT	29
Logan, UT	Cache, UT	White Pine, NV	232
Los Angeles, CA	Los Angeles, CA	Alpine, CA	345
Los Angeles, CA	Los Angeles, CA	Amador, CA	351
Los Angeles, CA	Los Angeles, CA	Apache, AZ	510
Los Angeles, CA	Los Angeles, CA	Beaver, UT	422
Los Angeles, CA	Los Angeles, CA	Calaveras, CA	331
Los Angeles, CA	Los Angeles, CA	Carson, NV	380
Los Angeles, CA	Los Angeles, CA	Churchill, NV	396
Los Angeles, CA	Los Angeles, CA	Clark, NV	224
Los Angeles, CA	Los Angeles, CA	Cochise, AZ	511
Los Angeles, CA	Los Angeles, CA	Coconino, AZ	374
Los Angeles, CA	Los Angeles, CA	Dolores, CO	608
Los Angeles, CA	Los Angeles, CA	Douglas, NV	355
Los Angeles, CA	Los Angeles, CA	El Dorado, CA	367
Los Angeles, CA	Los Angeles, CA	Elko, NV	523
Los Angeles, CA	Los Angeles, CA	Emery, UT	556
Los Angeles, CA	Los Angeles, CA	Esmeralda, NV	272
Los Angeles, CA	Los Angeles, CA	Eureka, NV	448
Los Angeles, CA	Los Angeles, CA	Fresno, CA	219
Los Angeles, CA	Los Angeles, CA	Garfield, UT	470
Los Angeles, CA	Los Angeles, CA	Gila, AZ	435
Los Angeles, CA	Los Angeles, CA	Graham, AZ	481
Los Angeles, CA	Los Angeles, CA	Grand, UT	599
Los Angeles, CA	Los Angeles, CA	Greenlee, AZ	519
Los Angeles, CA	Los Angeles, CA	Hidalgo, NM	561
Los Angeles, CA	Los Angeles, CA	Humboldt, NV	516

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Los Angeles, CA	Los Angeles, CA	Imperial, CA	175
Los Angeles, CA	Los Angeles, CA	Inyo, CA	199
Los Angeles, CA	Los Angeles, CA	Iron, UT	391
Los Angeles, CA	Los Angeles, CA	Juab, UT	502
Los Angeles, CA	Los Angeles, CA	Kane, UT	430
Los Angeles, CA	Los Angeles, CA	Kern, CA	107
Los Angeles, CA	Los Angeles, CA	Kings, CA	183
Los Angeles, CA	Los Angeles, CA	La Paz, AZ	248
Los Angeles, CA	Los Angeles, CA	Lander, NV	436
Los Angeles, CA	Los Angeles, CA	Lincoln, NV	329
Los Angeles, CA	Los Angeles, CA	Los Angeles, CA	16
Los Angeles, CA	Los Angeles, CA	Lyon, NV	367
Los Angeles, CA	Los Angeles, CA	Madera, CA	252
Los Angeles, CA	Los Angeles, CA	Maricopa, AZ	317
Los Angeles, CA	Los Angeles, CA	Mariposa, CA	276
Los Angeles, CA	Los Angeles, CA	Merced, CA	269
Los Angeles, CA	Los Angeles, CA	Mesa, CO	643
Los Angeles, CA	Los Angeles, CA	Millard, UT	465
Los Angeles, CA	Los Angeles, CA	Mineral, NV	323
Los Angeles, CA	Los Angeles, CA	Mohave, AZ	271
Los Angeles, CA	Los Angeles, CA	Mono, CA	299
Los Angeles, CA	Los Angeles, CA	Monterey, CA	255
Los Angeles, CA	Los Angeles, CA	Montezuma, CO	592
Los Angeles, CA	Los Angeles, CA	Montrose, CO	640
Los Angeles, CA	Los Angeles, CA	Navajo, AZ	464
Los Angeles, CA	Los Angeles, CA	Nye, NV	278
Los Angeles, CA	Los Angeles, CA	Orange, CA	31
Los Angeles, CA	Los Angeles, CA	Pershing, NV	461
Los Angeles, CA	Los Angeles, CA	Pima, AZ	396
Los Angeles, CA	Los Angeles, CA	Pinal, AZ	403
Los Angeles, CA	Los Angeles, CA	Piute, UT	464
Los Angeles, CA	Los Angeles, CA	Placer, CA	386
Los Angeles, CA	Los Angeles, CA	Riverside, CA	127
Los Angeles, CA	Los Angeles, CA	San Benito, CA	249
Los Angeles, CA	Los Angeles, CA	San Bernardino, CA	141
Los Angeles, CA	Los Angeles, CA	San Diego, CA	105
Los Angeles, CA	Los Angeles, CA	San Juan, NM	590
Los Angeles, CA	Los Angeles, CA	San Juan, UT	548
Los Angeles, CA	Los Angeles, CA	San Luis Obispo, CA	160
Los Angeles, CA	Los Angeles, CA	San Miguel, CO	620
Los Angeles, CA	Los Angeles, CA	Sanpete, UT	538
Los Angeles, CA	Los Angeles, CA	Santa Barbara, CA	121
Los Angeles, CA	Los Angeles, CA	Santa Clara, CA	305
Los Angeles, CA	Los Angeles, CA	Santa Cruz, AZ	460
Los Angeles, CA	Los Angeles, CA	Santa Cruz, CA	311
Los Angeles, CA	Los Angeles, CA	Sevier, UT	498
Los Angeles, CA	Los Angeles, CA	Stanislaus, CA	302
Los Angeles, CA	Los Angeles, CA	Storey, NV	396
Los Angeles, CA	Los Angeles, CA	Tooele, UT	540

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Los Angeles, CA	Los Angeles, CA	Tulare, CA	173
Los Angeles, CA	Los Angeles, CA	Tuolumne, CA	306
Los Angeles, CA	Los Angeles, CA	Ventura, CA	67
Los Angeles, CA	Los Angeles, CA	Washington, UT	361
Los Angeles, CA	Los Angeles, CA	Washoe, NV	475
Los Angeles, CA	Los Angeles, CA	Wayne, UT	515
Los Angeles, CA	Los Angeles, CA	White Pine, NV	427
Los Angeles, CA	Los Angeles, CA	Yavapai, AZ	337
Los Angeles, CA	Los Angeles, CA	Yuma, AZ	258
Los Angeles, CA	Orange, CA	Alpine, CA	363
Los Angeles, CA	Orange, CA	Amador, CA	372
Los Angeles, CA	Orange, CA	Apache, AZ	484
Los Angeles, CA	Orange, CA	Beaver, UT	411
Los Angeles, CA	Orange, CA	Calaveras, CA	352
Los Angeles, CA	Orange, CA	Carson, NV	397
Los Angeles, CA	Orange, CA	Churchill, NV	407
Los Angeles, CA	Orange, CA	Clark, NV	210
Los Angeles, CA	Orange, CA	Cochise, AZ	479
Los Angeles, CA	Orange, CA	Coconino, AZ	350
Los Angeles, CA	Orange, CA	Dolores, CO	587
Los Angeles, CA	Orange, CA	Douglas, NV	372
Los Angeles, CA	Orange, CA	El Dorado, CA	387
Los Angeles, CA	Orange, CA	Elko, NV	525
Los Angeles, CA	Orange, CA	Emery, UT	542
Los Angeles, CA	Orange, CA	Esmeralda, NV	281
Los Angeles, CA	Orange, CA	Eureka, NV	451
Los Angeles, CA	Orange, CA	Fresno, CA	240
Los Angeles, CA	Orange, CA	Garfield, UT	453
Los Angeles, CA	Orange, CA	Gila, AZ	405
Los Angeles, CA	Orange, CA	Graham, AZ	450
Los Angeles, CA	Orange, CA	Grand, UT	583
Los Angeles, CA	Orange, CA	Greenlee, AZ	489
Los Angeles, CA	Orange, CA	Hidalgo, NM	531
Los Angeles, CA	Orange, CA	Humboldt, NV	526
Los Angeles, CA	Orange, CA	Imperial, CA	144
Los Angeles, CA	Orange, CA	Inyo, CA	205
Los Angeles, CA	Orange, CA	Iron, UT	379
Los Angeles, CA	Orange, CA	Juab, UT	494
Los Angeles, CA	Orange, CA	Kane, UT	412
Los Angeles, CA	Orange, CA	Kern, CA	127
Los Angeles, CA	Orange, CA	Kings, CA	207
Los Angeles, CA	Orange, CA	La Paz, AZ	218
Los Angeles, CA	Orange, CA	Lander, NV	443
Los Angeles, CA	Orange, CA	Lincoln, NV	322
Los Angeles, CA	Orange, CA	Los Angeles, CA	31
Los Angeles, CA	Orange, CA	Lyon, NV	382
Los Angeles, CA	Orange, CA	Madera, CA	272
Los Angeles, CA	Orange, CA	Maricopa, AZ	287
Los Angeles, CA	Orange, CA	Mariposa, CA	296

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Los Angeles, CA	Orange, CA	Merced, CA	293
Los Angeles, CA	Orange, CA	Mesa, CO	626
Los Angeles, CA	Orange, CA	Millard, UT	455
Los Angeles, CA	Orange, CA	Mineral, NV	335
Los Angeles, CA	Orange, CA	Mohave, AZ	251
Los Angeles, CA	Orange, CA	Mono, CA	315
Los Angeles, CA	Orange, CA	Monterey, CA	283
Los Angeles, CA	Orange, CA	Montezuma, CO	571
Los Angeles, CA	Orange, CA	Montrose, CO	621
Los Angeles, CA	Orange, CA	Navajo, AZ	438
Los Angeles, CA	Orange, CA	Nye, NV	279
Los Angeles, CA	Orange, CA	Orange, CA	15
Los Angeles, CA	Orange, CA	Pershing, NV	472
Los Angeles, CA	Orange, CA	Pima, AZ	364
Los Angeles, CA	Orange, CA	Pinal, AZ	372
Los Angeles, CA	Orange, CA	Piute, UT	451
Los Angeles, CA	Orange, CA	Placer, CA	406
Los Angeles, CA	Orange, CA	Riverside, CA	98
Los Angeles, CA	Orange, CA	San Benito, CA	276
Los Angeles, CA	Orange, CA	San Bernardino, CA	123
Los Angeles, CA	Orange, CA	San Diego, CA	74
Los Angeles, CA	Orange, CA	San Juan, NM	566
Los Angeles, CA	Orange, CA	San Juan, UT	529
Los Angeles, CA	Orange, CA	San Luis Obispo, CA	189
Los Angeles, CA	Orange, CA	San Miguel, CO	600
Los Angeles, CA	Orange, CA	Sanpete, UT	526
Los Angeles, CA	Orange, CA	Santa Barbara, CA	152
Los Angeles, CA	Orange, CA	Santa Clara, CA	332
Los Angeles, CA	Orange, CA	Santa Cruz, AZ	429
Los Angeles, CA	Orange, CA	Santa Cruz, CA	338
Los Angeles, CA	Orange, CA	Sevier, UT	485
Los Angeles, CA	Orange, CA	Stanislaus, CA	325
Los Angeles, CA	Orange, CA	Storey, NV	412
Los Angeles, CA	Orange, CA	Tooele, UT	534
Los Angeles, CA	Orange, CA	Tulare, CA	190
Los Angeles, CA	Orange, CA	Tuolumne, CA	326
Los Angeles, CA	Orange, CA	Ventura, CA	96
Los Angeles, CA	Orange, CA	Washington, UT	347
Los Angeles, CA	Orange, CA	Washoe, NV	490
Los Angeles, CA	Orange, CA	Wayne, UT	499
Los Angeles, CA	Orange, CA	White Pine, NV	425
Los Angeles, CA	Orange, CA	Yavapai, AZ	310
Los Angeles, CA	Orange, CA	Yuma, AZ	227
Los Angeles, CA	Riverside, CA	Alpine, CA	399
Los Angeles, CA	Riverside, CA	Amador, CA	419
Los Angeles, CA	Riverside, CA	Apache, AZ	389
Los Angeles, CA	Riverside, CA	Beaver, UT	355
Los Angeles, CA	Riverside, CA	Calaveras, CA	401
Los Angeles, CA	Riverside, CA	Carson, NV	427

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Los Angeles, CA	Riverside, CA	Churchill, NV	420
Los Angeles, CA	Riverside, CA	Clark, NV	156
Los Angeles, CA	Riverside, CA	Cochise, AZ	387
Los Angeles, CA	Riverside, CA	Coconino, AZ	261
Los Angeles, CA	Riverside, CA	Dolores, CO	502
Los Angeles, CA	Riverside, CA	Douglas, NV	403
Los Angeles, CA	Riverside, CA	El Dorado, CA	429
Los Angeles, CA	Riverside, CA	Elko, NV	506
Los Angeles, CA	Riverside, CA	Emery, UT	473
Los Angeles, CA	Riverside, CA	Esmeralda, NV	290
Los Angeles, CA	Riverside, CA	Eureka, NV	438
Los Angeles, CA	Riverside, CA	Fresno, CA	292
Los Angeles, CA	Riverside, CA	Garfield, UT	380
Los Angeles, CA	Riverside, CA	Gila, AZ	308
Los Angeles, CA	Riverside, CA	Graham, AZ	353
Los Angeles, CA	Riverside, CA	Grand, UT	509
Los Angeles, CA	Riverside, CA	Greenlee, AZ	392
Los Angeles, CA	Riverside, CA	Hidalgo, NM	436
Los Angeles, CA	Riverside, CA	Humboldt, NV	533
Los Angeles, CA	Riverside, CA	Imperial, CA	63
Los Angeles, CA	Riverside, CA	Inyo, CA	216
Los Angeles, CA	Riverside, CA	Iron, UT	319
Los Angeles, CA	Riverside, CA	Juab, UT	444
Los Angeles, CA	Riverside, CA	Kane, UT	337
Los Angeles, CA	Riverside, CA	Kern, CA	188
Los Angeles, CA	Riverside, CA	Kings, CA	269
Los Angeles, CA	Riverside, CA	La Paz, AZ	120
Los Angeles, CA	Riverside, CA	Lander, NV	439
Los Angeles, CA	Riverside, CA	Lincoln, NV	283
Los Angeles, CA	Riverside, CA	Los Angeles, CA	127
Los Angeles, CA	Riverside, CA	Lyon, NV	406
Los Angeles, CA	Riverside, CA	Madera, CA	317
Los Angeles, CA	Riverside, CA	Maricopa, AZ	190
Los Angeles, CA	Riverside, CA	Mariposa, CA	343
Los Angeles, CA	Riverside, CA	Merced, CA	351
Los Angeles, CA	Riverside, CA	Mesa, CO	547
Los Angeles, CA	Riverside, CA	Millard, UT	403
Los Angeles, CA	Riverside, CA	Mineral, NV	351
Los Angeles, CA	Riverside, CA	Mohave, AZ	172
Los Angeles, CA	Riverside, CA	Mono, CA	344
Los Angeles, CA	Riverside, CA	Monterey, CA	358
Los Angeles, CA	Riverside, CA	Montezuma, CO	484
Los Angeles, CA	Riverside, CA	Montrose, CO	539
Los Angeles, CA	Riverside, CA	Navajo, AZ	343
Los Angeles, CA	Riverside, CA	Nye, NV	267
Los Angeles, CA	Riverside, CA	Orange, CA	98
Los Angeles, CA	Riverside, CA	Pershing, NV	482
Los Angeles, CA	Riverside, CA	Pima, AZ	275
Los Angeles, CA	Riverside, CA	Pinal, AZ	276

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Los Angeles, CA	Riverside, CA	Piute, UT	385
Los Angeles, CA	Riverside, CA	Placer, CA	449
Los Angeles, CA	Riverside, CA	Riverside, CA	42
Los Angeles, CA	Riverside, CA	San Benito, CA	345
Los Angeles, CA	Riverside, CA	San Bernardino, CA	75
Los Angeles, CA	Riverside, CA	San Diego, CA	64
Los Angeles, CA	Riverside, CA	San Juan, NM	474
Los Angeles, CA	Riverside, CA	San Juan, UT	448
Los Angeles, CA	Riverside, CA	San Luis Obispo, CA	269
Los Angeles, CA	Riverside, CA	San Miguel, CO	516
Los Angeles, CA	Riverside, CA	Sanpete, UT	465
Los Angeles, CA	Riverside, CA	Santa Barbara, CA	240
Los Angeles, CA	Riverside, CA	Santa Clara, CA	399
Los Angeles, CA	Riverside, CA	Santa Cruz, AZ	340
Los Angeles, CA	Riverside, CA	Santa Cruz, CA	409
Los Angeles, CA	Riverside, CA	Sevier, UT	421
Los Angeles, CA	Riverside, CA	Stanislaus, CA	382
Los Angeles, CA	Riverside, CA	Storey, NV	439
Los Angeles, CA	Riverside, CA	Tooele, UT	491
Los Angeles, CA	Riverside, CA	Tulare, CA	235
Los Angeles, CA	Riverside, CA	Tuolumne, CA	367
Los Angeles, CA	Riverside, CA	Ventura, CA	182
Los Angeles, CA	Riverside, CA	Washington, UT	285
Los Angeles, CA	Riverside, CA	Washoe, NV	513
Los Angeles, CA	Riverside, CA	Wayne, UT	426
Los Angeles, CA	Riverside, CA	White Pine, NV	395
Los Angeles, CA	Riverside, CA	Yavapai, AZ	215
Los Angeles, CA	Riverside, CA	Yuma, AZ	139
Los Angeles, CA	San Bernardino, CA	Alpine, CA	334
Los Angeles, CA	San Bernardino, CA	Amador, CA	359
Los Angeles, CA	San Bernardino, CA	Apache, AZ	379
Los Angeles, CA	San Bernardino, CA	Beaver, UT	292
Los Angeles, CA	San Bernardino, CA	Calaveras, CA	342
Los Angeles, CA	San Bernardino, CA	Carson, NV	360
Los Angeles, CA	San Bernardino, CA	Churchill, NV	347
Los Angeles, CA	San Bernardino, CA	Clark, NV	89
Los Angeles, CA	San Bernardino, CA	Cochise, AZ	420
Los Angeles, CA	San Bernardino, CA	Coconino, AZ	236
Los Angeles, CA	San Bernardino, CA	Dolores, CO	467
Los Angeles, CA	San Bernardino, CA	Douglas, NV	336
Los Angeles, CA	San Bernardino, CA	El Dorado, CA	367
Los Angeles, CA	San Bernardino, CA	Elko, NV	431
Los Angeles, CA	San Bernardino, CA	Emery, UT	420
Los Angeles, CA	San Bernardino, CA	Esmeralda, NV	218
Los Angeles, CA	San Bernardino, CA	Eureka, NV	363
Los Angeles, CA	San Bernardino, CA	Fresno, CA	240
Los Angeles, CA	San Bernardino, CA	Garfield, UT	331
Los Angeles, CA	San Bernardino, CA	Gila, AZ	320
Los Angeles, CA	San Bernardino, CA	Graham, AZ	374

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Los Angeles, CA	San Bernardino, CA	Grand, UT	461
Los Angeles, CA	San Bernardino, CA	Greenlee, AZ	410
Los Angeles, CA	San Bernardino, CA	Hidalgo, NM	464
Los Angeles, CA	San Bernardino, CA	Humboldt, NV	458
Los Angeles, CA	San Bernardino, CA	Imperial, CA	133
Los Angeles, CA	San Bernardino, CA	Inyo, CA	147
Los Angeles, CA	San Bernardino, CA	Iron, UT	258
Los Angeles, CA	San Bernardino, CA	Juab, UT	378
Los Angeles, CA	San Bernardino, CA	Kane, UT	290
Los Angeles, CA	San Bernardino, CA	Kern, CA	151
Los Angeles, CA	San Bernardino, CA	Kings, CA	225
Los Angeles, CA	San Bernardino, CA	La Paz, AZ	148
Los Angeles, CA	San Bernardino, CA	Lander, NV	364
Los Angeles, CA	San Bernardino, CA	Lincoln, NV	212
Los Angeles, CA	San Bernardino, CA	Los Angeles, CA	141
Los Angeles, CA	San Bernardino, CA	Lyon, NV	337
Los Angeles, CA	San Bernardino, CA	Madera, CA	259
Los Angeles, CA	San Bernardino, CA	Maricopa, AZ	220
Los Angeles, CA	San Bernardino, CA	Mariposa, CA	285
Los Angeles, CA	San Bernardino, CA	Merced, CA	300
Los Angeles, CA	San Bernardino, CA	Mesa, CO	503
Los Angeles, CA	San Bernardino, CA	Millard, UT	338
Los Angeles, CA	San Bernardino, CA	Mineral, NV	280
Los Angeles, CA	San Bernardino, CA	Mohave, AZ	131
Los Angeles, CA	San Bernardino, CA	Mono, CA	278
Los Angeles, CA	San Bernardino, CA	Monterey, CA	320
Los Angeles, CA	San Bernardino, CA	Montezuma, CO	452
Los Angeles, CA	San Bernardino, CA	Montrose, CO	500
Los Angeles, CA	San Bernardino, CA	Navajo, AZ	331
Los Angeles, CA	San Bernardino, CA	Nye, NV	191
Los Angeles, CA	San Bernardino, CA	Orange, CA	123
Los Angeles, CA	San Bernardino, CA	Pershing, NV	409
Los Angeles, CA	San Bernardino, CA	Pima, AZ	319
Los Angeles, CA	San Bernardino, CA	Pinal, AZ	303
Los Angeles, CA	San Bernardino, CA	Piute, UT	329
Los Angeles, CA	San Bernardino, CA	Placer, CA	386
Los Angeles, CA	San Bernardino, CA	Riverside, CA	75
Los Angeles, CA	San Bernardino, CA	San Benito, CA	302
Los Angeles, CA	San Bernardino, CA	San Bernardino, CA	79
Los Angeles, CA	San Bernardino, CA	San Diego, CA	130
Los Angeles, CA	San Bernardino, CA	San Juan, NM	452
Los Angeles, CA	San Bernardino, CA	San Juan, UT	408
Los Angeles, CA	San Bernardino, CA	San Luis Obispo, CA	242
Los Angeles, CA	San Bernardino, CA	San Miguel, CO	480
Los Angeles, CA	San Bernardino, CA	Sanpete, UT	406
Los Angeles, CA	San Bernardino, CA	Santa Barbara, CA	223
Los Angeles, CA	San Bernardino, CA	Santa Clara, CA	354
Los Angeles, CA	San Bernardino, CA	Santa Cruz, AZ	382
Los Angeles, CA	San Bernardino, CA	Santa Cruz, CA	366

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Los Angeles, CA	San Bernardino, CA	Sevier, UT	363
Los Angeles, CA	San Bernardino, CA	Stanislaus, CA	328
Los Angeles, CA	San Bernardino, CA	Storey, NV	370
Los Angeles, CA	San Bernardino, CA	Tooele, UT	422
Los Angeles, CA	San Bernardino, CA	Tulare, CA	182
Los Angeles, CA	San Bernardino, CA	Tuolumne, CA	305
Los Angeles, CA	San Bernardino, CA	Ventura, CA	171
Los Angeles, CA	San Bernardino, CA	Washington, UT	226
Los Angeles, CA	San Bernardino, CA	Washoe, NV	442
Los Angeles, CA	San Bernardino, CA	Wayne, UT	376
Los Angeles, CA	San Bernardino, CA	White Pine, NV	322
Los Angeles, CA	San Bernardino, CA	Yavapai, AZ	209
Los Angeles, CA	San Bernardino, CA	Yuma, AZ	190
Louisville, KY	Clark, IN	Adair, KY	95
Louisville, KY	Clark, IN	Allen, KY	117
Louisville, KY	Clark, IN	Anderson, KY	54
Louisville, KY	Clark, IN	Barren, KY	103
Louisville, KY	Clark, IN	Bartholomew, IN	52
Louisville, KY	Clark, IN	Boone, KY	69
Louisville, KY	Clark, IN	Bourbon, KY	88
Louisville, KY	Clark, IN	Boyle, KY	76
Louisville, KY	Clark, IN	Breckinridge, KY	55
Louisville, KY	Clark, IN	Brown, IN	57
Louisville, KY	Clark, IN	Bullitt, KY	33
Louisville, KY	Clark, IN	Butler, KY	98
Louisville, KY	Clark, IN	Butler, OH	96
Louisville, KY	Clark, IN	Campbell, KY	86
Louisville, KY	Clark, IN	Carroll, KY	41
Louisville, KY	Clark, IN	Casey, KY	90
Louisville, KY	Clark, IN	Clark, IL	124
Louisville, KY	Clark, IN	Clark, IN	9
Louisville, KY	Clark, IN	Clay, IN	96
Louisville, KY	Clark, IN	Clermont, OH	97
Louisville, KY	Clark, IN	Crawford, IL	113
Louisville, KY	Clark, IN	Crawford, IN	36
Louisville, KY	Clark, IN	Cumberland, KY	117
Louisville, KY	Clark, IN	Daviess, IN	72
Louisville, KY	Clark, IN	Daviess, KY	84
Louisville, KY	Clark, IN	Dearborn, IN	66
Louisville, KY	Clark, IN	Decatur, IN	61
Louisville, KY	Clark, IN	Dubois, IN	59
Louisville, KY	Clark, IN	Edmonson, KY	89
Louisville, KY	Clark, IN	Fayette, IN	91
Louisville, KY	Clark, IN	Fayette, KY	78
Louisville, KY	Clark, IN	Floyd, IN	11
Louisville, KY	Clark, IN	Franklin, IN	78
Louisville, KY	Clark, IN	Franklin, KY	53
Louisville, KY	Clark, IN	Gallatin, KY	54
Louisville, KY	Clark, IN	Garrard, KY	88

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Louisville, KY	Clark, IN	Gibson, IN	96
Louisville, KY	Clark, IN	Grant, KY	64
Louisville, KY	Clark, IN	Grayson, KY	73
Louisville, KY	Clark, IN	Green, KY	80
Louisville, KY	Clark, IN	Greene, IN	75
Louisville, KY	Clark, IN	Hamilton, OH	84
Louisville, KY	Clark, IN	Hancock, IN	96
Louisville, KY	Clark, IN	Hancock, KY	67
Louisville, KY	Clark, IN	Hardin, KY	50
Louisville, KY	Clark, IN	Harrison, IN	25
Louisville, KY	Clark, IN	Harrison, KY	80
Louisville, KY	Clark, IN	Hart, KY	79
Louisville, KY	Clark, IN	Henderson, KY	106
Louisville, KY	Clark, IN	Hendricks, IN	99
Louisville, KY	Clark, IN	Henry, IN	106
Louisville, KY	Clark, IN	Henry, KY	36
Louisville, KY	Clark, IN	Jackson, IN	34
Louisville, KY	Clark, IN	Jefferson, IN	29
Louisville, KY	Clark, IN	Jefferson, KY	19
Louisville, KY	Clark, IN	Jennings, IN	40
Louisville, KY	Clark, IN	Jessamine, KY	78
Louisville, KY	Clark, IN	Johnson, IN	75
Louisville, KY	Clark, IN	Kenton, KY	77
Louisville, KY	Clark, IN	Knox, IN	89
Louisville, KY	Clark, IN	Larue, KY	60
Louisville, KY	Clark, IN	Lawrence, IL	105
Louisville, KY	Clark, IN	Lawrence, IN	46
Louisville, KY	Clark, IN	Logan, KY	124
Louisville, KY	Clark, IN	Marion, IN	95
Louisville, KY	Clark, IN	Marion, KY	66
Louisville, KY	Clark, IN	Martin, IN	57
Louisville, KY	Clark, IN	McLean, KY	99
Louisville, KY	Clark, IN	Meade, KY	38
Louisville, KY	Clark, IN	Mercer, KY	66
Louisville, KY	Clark, IN	Metcalfe, KY	100
Louisville, KY	Clark, IN	Monroe, IN	64
Louisville, KY	Clark, IN	Monroe, KY	118
Louisville, KY	Clark, IN	Montgomery, OH	122
Louisville, KY	Clark, IN	Morgan, IN	81
Louisville, KY	Clark, IN	Muhlenberg, KY	111
Louisville, KY	Clark, IN	Nelson, KY	49
Louisville, KY	Clark, IN	Ohio, IN	59
Louisville, KY	Clark, IN	Ohio, KY	89
Louisville, KY	Clark, IN	Oldham, KY	18
Louisville, KY	Clark, IN	Orange, IN	38
Louisville, KY	Clark, IN	Owen, IN	84
Louisville, KY	Clark, IN	Owen, KY	53
Louisville, KY	Clark, IN	Parke, IN	119
Louisville, KY	Clark, IN	Pendleton, KY	80

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Louisville, KY	Clark, IN	Perry, IN	51
Louisville, KY	Clark, IN	Pike, IN	78
Louisville, KY	Clark, IN	Preble, OH	110
Louisville, KY	Clark, IN	Putnam, IN	102
Louisville, KY	Clark, IN	Ripley, IN	55
Louisville, KY	Clark, IN	Rush, IN	84
Louisville, KY	Clark, IN	Scott, IN	18
Louisville, KY	Clark, IN	Scott, KY	67
Louisville, KY	Clark, IN	Shelby, IN	75
Louisville, KY	Clark, IN	Shelby, KY	36
Louisville, KY	Clark, IN	Spencer, IN	73
Louisville, KY	Clark, IN	Spencer, KY	38
Louisville, KY	Clark, IN	Sullivan, IN	98
Louisville, KY	Clark, IN	Switzerland, IN	50
Louisville, KY	Clark, IN	Taylor, KY	81
Louisville, KY	Clark, IN	Trimble, KY	28
Louisville, KY	Clark, IN	Union, IN	95
Louisville, KY	Clark, IN	Vanderburgh, IN	101
Louisville, KY	Clark, IN	Vigo, IN	110
Louisville, KY	Clark, IN	Wabash, IL	112
Louisville, KY	Clark, IN	Warren, KY	106
Louisville, KY	Clark, IN	Warren, OH	111
Louisville, KY	Clark, IN	Warrick, IN	85
Louisville, KY	Clark, IN	Washington, IN	20
Louisville, KY	Clark, IN	Washington, KY	57
Louisville, KY	Clark, IN	Wayne, IN	107
Louisville, KY	Clark, IN	Woodford, KY	64
Louisville, KY	Jefferson, KY	Adair, KY	77
Louisville, KY	Jefferson, KY	Allen, KY	102
Louisville, KY	Jefferson, KY	Anderson, KY	39
Louisville, KY	Jefferson, KY	Barren, KY	88
Louisville, KY	Jefferson, KY	Bartholomew, IN	71
Louisville, KY	Jefferson, KY	Boone, KY	74
Louisville, KY	Jefferson, KY	Bourbon, KY	79
Louisville, KY	Jefferson, KY	Boyle, KY	58
Louisville, KY	Jefferson, KY	Breckinridge, KY	49
Louisville, KY	Jefferson, KY	Brown, IN	76
Louisville, KY	Jefferson, KY	Bullitt, KY	16
Louisville, KY	Jefferson, KY	Butler, KY	88
Louisville, KY	Jefferson, KY	Butler, OH	104
Louisville, KY	Jefferson, KY	Campbell, KY	88
Louisville, KY	Jefferson, KY	Carroll, KY	44
Louisville, KY	Jefferson, KY	Casey, KY	72
Louisville, KY	Jefferson, KY	Clark, IL	140
Louisville, KY	Jefferson, KY	Clark, IN	19
Louisville, KY	Jefferson, KY	Clay, IN	113
Louisville, KY	Jefferson, KY	Clermont, OH	99
Louisville, KY	Jefferson, KY	Crawford, IL	127
Louisville, KY	Jefferson, KY	Crawford, IN	42

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Louisville, KY	Jefferson, KY	Cumberland, KY	98
Louisville, KY	Jefferson, KY	Daviess, IN	86
Louisville, KY	Jefferson, KY	Daviess, KY	83
Louisville, KY	Jefferson, KY	Dearborn, IN	75
Louisville, KY	Jefferson, KY	Decatur, IN	77
Louisville, KY	Jefferson, KY	Dubois, IN	67
Louisville, KY	Jefferson, KY	Edmonson, KY	76
Louisville, KY	Jefferson, KY	Fayette, IN	105
Louisville, KY	Jefferson, KY	Fayette, KY	65
Louisville, KY	Jefferson, KY	Floyd, IN	15
Louisville, KY	Jefferson, KY	Franklin, IN	90
Louisville, KY	Jefferson, KY	Franklin, KY	43
Louisville, KY	Jefferson, KY	Gallatin, KY	57
Louisville, KY	Jefferson, KY	Garrard, KY	71
Louisville, KY	Jefferson, KY	Gibson, IN	104
Louisville, KY	Jefferson, KY	Grant, KY	63
Louisville, KY	Jefferson, KY	Grayson, KY	62
Louisville, KY	Jefferson, KY	Green, KY	62
Louisville, KY	Jefferson, KY	Greene, IN	92
Louisville, KY	Jefferson, KY	Hamilton, OH	90
Louisville, KY	Jefferson, KY	Hancock, IN	113
Louisville, KY	Jefferson, KY	Hancock, KY	65
Louisville, KY	Jefferson, KY	Hardin, KY	36
Louisville, KY	Jefferson, KY	Harrison, IN	26
Louisville, KY	Jefferson, KY	Harrison, KY	74
Louisville, KY	Jefferson, KY	Hart, KY	63
Louisville, KY	Jefferson, KY	Henderson, KY	108
Louisville, KY	Jefferson, KY	Hendricks, IN	118
Louisville, KY	Jefferson, KY	Henry, IN	121
Louisville, KY	Jefferson, KY	Henry, KY	34
Louisville, KY	Jefferson, KY	Jackson, IN	53
Louisville, KY	Jefferson, KY	Jefferson, IN	40
Louisville, KY	Jefferson, KY	Jefferson, KY	11
Louisville, KY	Jefferson, KY	Jennings, IN	56
Louisville, KY	Jefferson, KY	Jessamine, KY	63
Louisville, KY	Jefferson, KY	Johnson, IN	93
Louisville, KY	Jefferson, KY	Kenton, KY	80
Louisville, KY	Jefferson, KY	Knox, IN	102
Louisville, KY	Jefferson, KY	Larue, KY	42
Louisville, KY	Jefferson, KY	Lawrence, IL	117
Louisville, KY	Jefferson, KY	Lawrence, IN	63
Louisville, KY	Jefferson, KY	Logan, KY	114
Louisville, KY	Jefferson, KY	Marion, IN	113
Louisville, KY	Jefferson, KY	Marion, KY	48
Louisville, KY	Jefferson, KY	Martin, IN	72
Louisville, KY	Jefferson, KY	McLean, KY	96
Louisville, KY	Jefferson, KY	Meade, KY	33
Louisville, KY	Jefferson, KY	Mercer, KY	50
Louisville, KY	Jefferson, KY	Metcalfe, KY	82

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Louisville, KY	Jefferson, KY	Monroe, IN	83
Louisville, KY	Jefferson, KY	Monroe, KY	101
Louisville, KY	Jefferson, KY	Montgomery, OH	131
Louisville, KY	Jefferson, KY	Morgan, IN	100
Louisville, KY	Jefferson, KY	Muhlenberg, KY	105
Louisville, KY	Jefferson, KY	Nelson, KY	31
Louisville, KY	Jefferson, KY	Ohio, IN	66
Louisville, KY	Jefferson, KY	Ohio, KY	83
Louisville, KY	Jefferson, KY	Oldham, KY	18
Louisville, KY	Jefferson, KY	Orange, IN	52
Louisville, KY	Jefferson, KY	Owen, IN	102
Louisville, KY	Jefferson, KY	Owen, KY	50
Louisville, KY	Jefferson, KY	Parke, IN	138
Louisville, KY	Jefferson, KY	Pendleton, KY	78
Louisville, KY	Jefferson, KY	Perry, IN	53
Louisville, KY	Jefferson, KY	Pike, IN	87
Louisville, KY	Jefferson, KY	Preble, OH	120
Louisville, KY	Jefferson, KY	Putnam, IN	121
Louisville, KY	Jefferson, KY	Ripley, IN	67
Louisville, KY	Jefferson, KY	Rush, IN	100
Louisville, KY	Jefferson, KY	Scott, IN	35
Louisville, KY	Jefferson, KY	Scott, KY	59
Louisville, KY	Jefferson, KY	Shelby, IN	93
Louisville, KY	Jefferson, KY	Shelby, KY	24
Louisville, KY	Jefferson, KY	Spencer, IN	75
Louisville, KY	Jefferson, KY	Spencer, KY	22
Louisville, KY	Jefferson, KY	Sullivan, IN	114
Louisville, KY	Jefferson, KY	Switzerland, IN	55
Louisville, KY	Jefferson, KY	Taylor, KY	62
Louisville, KY	Jefferson, KY	Trimble, KY	34
Louisville, KY	Jefferson, KY	Union, IN	107
Louisville, KY	Jefferson, KY	Vanderburgh, IN	105
Louisville, KY	Jefferson, KY	Vigo, IN	127
Louisville, KY	Jefferson, KY	Wabash, IL	121
Louisville, KY	Jefferson, KY	Warren, KY	93
Louisville, KY	Jefferson, KY	Warren, OH	117
Louisville, KY	Jefferson, KY	Warrick, IN	89
Louisville, KY	Jefferson, KY	Washington, IN	37
Louisville, KY	Jefferson, KY	Washington, KY	39
Louisville, KY	Jefferson, KY	Wayne, IN	121
Louisville, KY	Jefferson, KY	Woodford, KY	51
Madison, WI	Dane, WI	Adams, WI	63
Madison, WI	Dane, WI	Allamakee, IA	98
Madison, WI	Dane, WI	Benton, IA	151
Madison, WI	Dane, WI	Black Hawk, IA	153
Madison, WI	Dane, WI	Boone, IL	60
Madison, WI	Dane, WI	Bremer, IA	148
Madison, WI	Dane, WI	Brown, WI	120
Madison, WI	Dane, WI	Buchanan, IA	130

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Madison, WI	Dane, WI	Buffalo, WI	143
Madison, WI	Dane, WI	Bureau, IL	118
Madison, WI	Dane, WI	Calumet, WI	92
Madison, WI	Dane, WI	Carroll, IL	74
Madison, WI	Dane, WI	Cedar, IA	125
Madison, WI	Dane, WI	Chickasaw, IA	146
Madison, WI	Dane, WI	Chippewa, WI	167
Madison, WI	Dane, WI	Clark, WI	129
Madison, WI	Dane, WI	Clayton, IA	98
Madison, WI	Dane, WI	Clinton, IA	100
Madison, WI	Dane, WI	Columbia, WI	28
Madison, WI	Dane, WI	Cook, IL	122
Madison, WI	Dane, WI	Crawford, WI	74
Madison, WI	Dane, WI	Dane, WI	20
Madison, WI	Dane, WI	DeKalb, IL	88
Madison, WI	Dane, WI	Delaware, IA	107
Madison, WI	Dane, WI	Dodge, WI	43
Madison, WI	Dane, WI	Dubuque, IA	85
Madison, WI	Dane, WI	Dunn, WI	179
Madison, WI	Dane, WI	DuPage, IL	109
Madison, WI	Dane, WI	Eau Claire, WI	148
Madison, WI	Dane, WI	Fayette, IA	123
Madison, WI	Dane, WI	Fillmore, MN	140
Madison, WI	Dane, WI	Fond du Lac, WI	65
Madison, WI	Dane, WI	Grant, WI	69
Madison, WI	Dane, WI	Green Lake, WI	55
Madison, WI	Dane, WI	Green, WI	28
Madison, WI	Dane, WI	Grundy, IL	134
Madison, WI	Dane, WI	Henry, IL	123
Madison, WI	Dane, WI	Houston, MN	112
Madison, WI	Dane, WI	Howard, IA	147
Madison, WI	Dane, WI	Iowa, WI	36
Madison, WI	Dane, WI	Jackson, IA	86
Madison, WI	Dane, WI	Jackson, WI	109
Madison, WI	Dane, WI	Jefferson, WI	33
Madison, WI	Dane, WI	Jo Daviess, IL	63
Madison, WI	Dane, WI	Jones, IA	109
Madison, WI	Dane, WI	Juneau, WI	70
Madison, WI	Dane, WI	Kane, IL	93
Madison, WI	Dane, WI	Kendall, IL	114
Madison, WI	Dane, WI	Kenosha, WI	77
Madison, WI	Dane, WI	Kewaunee, WI	134
Madison, WI	Dane, WI	La Crosse, WI	103
Madison, WI	Dane, WI	La Salle, IL	127
Madison, WI	Dane, WI	Lafayette, WI	46
Madison, WI	Dane, WI	Lake, IL	88
Madison, WI	Dane, WI	Lake, IN	154
Madison, WI	Dane, WI	Langlade, WI	152
Madison, WI	Dane, WI	Lee, IL	92

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Madison, WI	Dane, WI	Lincoln, WI	158
Madison, WI	Dane, WI	Linn, IA	130
Madison, WI	Dane, WI	Livingston, IL	158
Madison, WI	Dane, WI	Manitowoc, WI	107
Madison, WI	Dane, WI	Marathon, WI	128
Madison, WI	Dane, WI	Marquette, WI	51
Madison, WI	Dane, WI	Marshall, IL	141
Madison, WI	Dane, WI	McHenry, IL	71
Madison, WI	Dane, WI	Menomonie, WI	137
Madison, WI	Dane, WI	Milwaukee, WI	73
Madison, WI	Dane, WI	Monroe, WI	85
Madison, WI	Dane, WI	Mower, MN	172
Madison, WI	Dane, WI	Oconto, WI	146
Madison, WI	Dane, WI	Ogle, IL	71
Madison, WI	Dane, WI	Olmsted, MN	164
Madison, WI	Dane, WI	Outagamie, WI	105
Madison, WI	Dane, WI	Ozaukee, WI	77
Madison, WI	Dane, WI	Pepin, WI	168
Madison, WI	Dane, WI	Portage, WI	97
Madison, WI	Dane, WI	Putnam, IL	129
Madison, WI	Dane, WI	Racine, WI	74
Madison, WI	Dane, WI	Richland, WI	55
Madison, WI	Dane, WI	Rock Island, IL	114
Madison, WI	Dane, WI	Rock, WI	33
Madison, WI	Dane, WI	Sauk, WI	33
Madison, WI	Dane, WI	Scott, IA	118
Madison, WI	Dane, WI	Shawano, WI	125
Madison, WI	Dane, WI	Sheboygan, WI	87
Madison, WI	Dane, WI	Stephenson, IL	51
Madison, WI	Dane, WI	Taylor, WI	157
Madison, WI	Dane, WI	Trempealeau, WI	128
Madison, WI	Dane, WI	Vernon, WI	76
Madison, WI	Dane, WI	Wabasha, MN	163
Madison, WI	Dane, WI	Walworth, WI	53
Madison, WI	Dane, WI	Washington, WI	64
Madison, WI	Dane, WI	Waukesha, WI	57
Madison, WI	Dane, WI	Waupaca, WI	99
Madison, WI	Dane, WI	Waushara, WI	73
Madison, WI	Dane, WI	Whiteside, IL	94
Madison, WI	Dane, WI	Will, IL	136
Madison, WI	Dane, WI	Winnebago, IL	53
Madison, WI	Dane, WI	Winnebago, WI	79
Madison, WI	Dane, WI	Winneshiek, IA	123
Madison, WI	Dane, WI	Winona, MN	136
Madison, WI	Dane, WI	Wood, WI	101
Madison, WI	Dane, WI	Woodford, IL	160
Milwaukee, WI	Milwaukee, WI	Adams, WI	111
Milwaukee, WI	Milwaukee, WI	Boone, IL	65
Milwaukee, WI	Milwaukee, WI	Brown, WI	100

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Milwaukee, WI	Milwaukee, WI	Calumet, WI	74
Milwaukee, WI	Milwaukee, WI	Carroll, IL	119
Milwaukee, WI	Milwaukee, WI	Columbia, WI	74
Milwaukee, WI	Milwaukee, WI	Cook, IL	84
Milwaukee, WI	Milwaukee, WI	Dane, WI	73
Milwaukee, WI	Milwaukee, WI	DeKalb, IL	88
Milwaukee, WI	Milwaukee, WI	Dodge, WI	46
Milwaukee, WI	Milwaukee, WI	Door, WI	146
Milwaukee, WI	Milwaukee, WI	DuPage, IL	82
Milwaukee, WI	Milwaukee, WI	Fond du Lac, WI	57
Milwaukee, WI	Milwaukee, WI	Grant, WI	141
Milwaukee, WI	Milwaukee, WI	Green Lake, WI	76
Milwaukee, WI	Milwaukee, WI	Green, WI	86
Milwaukee, WI	Milwaukee, WI	Iowa, WI	109
Milwaukee, WI	Milwaukee, WI	Jackson, WI	166
Milwaukee, WI	Milwaukee, WI	Jefferson, WI	41
Milwaukee, WI	Milwaukee, WI	Juneau, WI	126
Milwaukee, WI	Milwaukee, WI	Kane, IL	78
Milwaukee, WI	Milwaukee, WI	Kendall, IL	101
Milwaukee, WI	Milwaukee, WI	Kenosha, WI	31
Milwaukee, WI	Milwaukee, WI	Kewaunee, WI	104
Milwaukee, WI	Milwaukee, WI	La Salle, IL	129
Milwaukee, WI	Milwaukee, WI	Lafayette, WI	112
Milwaukee, WI	Milwaukee, WI	Lake, IL	48
Milwaukee, WI	Milwaukee, WI	Lake, IN	114
Milwaukee, WI	Milwaukee, WI	Lee, IL	111
Milwaukee, WI	Milwaukee, WI	Manitowoc, WI	76
Milwaukee, WI	Milwaukee, WI	Marathon, WI	158
Milwaukee, WI	Milwaukee, WI	Marquette, WI	90
Milwaukee, WI	Milwaukee, WI	McHenry, IL	54
Milwaukee, WI	Milwaukee, WI	Milwaukee, WI	8
Milwaukee, WI	Milwaukee, WI	Monroe, WI	147
Milwaukee, WI	Milwaukee, WI	Oconto, WI	140
Milwaukee, WI	Milwaukee, WI	Ogle, IL	96
Milwaukee, WI	Milwaukee, WI	Outagamie, WI	100
Milwaukee, WI	Milwaukee, WI	Ozaukee, WI	24
Milwaukee, WI	Milwaukee, WI	Portage, WI	125
Milwaukee, WI	Milwaukee, WI	Racine, WI	20
Milwaukee, WI	Milwaukee, WI	Richland, WI	126
Milwaukee, WI	Milwaukee, WI	Rock, WI	61
Milwaukee, WI	Milwaukee, WI	Sauk, WI	100
Milwaukee, WI	Milwaukee, WI	Shawano, WI	130
Milwaukee, WI	Milwaukee, WI	Sheboygan, WI	48
Milwaukee, WI	Milwaukee, WI	Stephenson, IL	97
Milwaukee, WI	Milwaukee, WI	Vernon, WI	146
Milwaukee, WI	Milwaukee, WI	Walworth, WI	38
Milwaukee, WI	Milwaukee, WI	Washington, WI	27
Milwaukee, WI	Milwaukee, WI	Waukesha, WI	17
Milwaukee, WI	Milwaukee, WI	Waupaca, WI	112

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Milwaukee, WI	Milwaukee, WI	Waushara, WI	99
Milwaukee, WI	Milwaukee, WI	Whiteside, IL	133
Milwaukee, WI	Milwaukee, WI	Will, IL	107
Milwaukee, WI	Milwaukee, WI	Winnebago, IL	77
Milwaukee, WI	Milwaukee, WI	Winnebago, WI	80
Milwaukee, WI	Milwaukee, WI	Wood, WI	143
Milwaukee, WI	Waukesha, WI	Adams, WI	98
Milwaukee, WI	Waukesha, WI	Boone, IL	55
Milwaukee, WI	Waukesha, WI	Brown, WI	101
Milwaukee, WI	Waukesha, WI	Calumet, WI	73
Milwaukee, WI	Waukesha, WI	Carroll, IL	106
Milwaukee, WI	Waukesha, WI	Columbia, WI	59
Milwaukee, WI	Waukesha, WI	Cook, IL	88
Milwaukee, WI	Waukesha, WI	Dane, WI	57
Milwaukee, WI	Waukesha, WI	DeKalb, IL	82
Milwaukee, WI	Waukesha, WI	Dodge, WI	34
Milwaukee, WI	Waukesha, WI	Door, WI	151
Milwaukee, WI	Waukesha, WI	DuPage, IL	82
Milwaukee, WI	Waukesha, WI	Fond du Lac, WI	51
Milwaukee, WI	Waukesha, WI	Grant, WI	125
Milwaukee, WI	Waukesha, WI	Green Lake, WI	66
Milwaukee, WI	Waukesha, WI	Green, WI	70
Milwaukee, WI	Waukesha, WI	Iowa, WI	93
Milwaukee, WI	Waukesha, WI	Jackson, WI	152
Milwaukee, WI	Waukesha, WI	Jefferson, WI	24
Milwaukee, WI	Waukesha, WI	Juneau, WI	112
Milwaukee, WI	Waukesha, WI	Kane, IL	75
Milwaukee, WI	Waukesha, WI	Kendall, IL	99
Milwaukee, WI	Waukesha, WI	Kenosha, WI	33
Milwaukee, WI	Waukesha, WI	Kewaunee, WI	108
Milwaukee, WI	Waukesha, WI	La Salle, IL	124
Milwaukee, WI	Waukesha, WI	Lafayette, WI	96
Milwaukee, WI	Waukesha, WI	Lake, IL	50
Milwaukee, WI	Waukesha, WI	Lake, IN	119
Milwaukee, WI	Waukesha, WI	Lee, IL	102
Milwaukee, WI	Waukesha, WI	Manitowoc, WI	79
Milwaukee, WI	Waukesha, WI	Marathon, WI	149
Milwaukee, WI	Waukesha, WI	Marquette, WI	78
Milwaukee, WI	Waukesha, WI	McHenry, IL	49
Milwaukee, WI	Waukesha, WI	Milwaukee, WI	17
Milwaukee, WI	Waukesha, WI	Monroe, WI	132
Milwaukee, WI	Waukesha, WI	Oconto, WI	139
Milwaukee, WI	Waukesha, WI	Ogle, IL	85
Milwaukee, WI	Waukesha, WI	Outagamie, WI	97
Milwaukee, WI	Waukesha, WI	Ozaukee, WI	30
Milwaukee, WI	Waukesha, WI	Portage, WI	116
Milwaukee, WI	Waukesha, WI	Racine, WI	24
Milwaukee, WI	Waukesha, WI	Richland, WI	110
Milwaukee, WI	Waukesha, WI	Rock, WI	46

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Milwaukee, WI	Waukesha, WI	Sauk, WI	84
Milwaukee, WI	Waukesha, WI	Shawano, WI	126
Milwaukee, WI	Waukesha, WI	Sheboygan, WI	52
Milwaukee, WI	Waukesha, WI	Stephenson, IL	83
Milwaukee, WI	Waukesha, WI	Vernon, WI	130
Milwaukee, WI	Waukesha, WI	Walworth, WI	27
Milwaukee, WI	Waukesha, WI	Washington, WI	24
Milwaukee, WI	Waukesha, WI	Waukesha, WI	14
Milwaukee, WI	Waukesha, WI	Waupaca, WI	105
Milwaukee, WI	Waukesha, WI	Waushara, WI	89
Milwaukee, WI	Waukesha, WI	Whiteside, IL	121
Milwaukee, WI	Waukesha, WI	Will, IL	110
Milwaukee, WI	Waukesha, WI	Winnebago, IL	65
Milwaukee, WI	Waukesha, WI	Winnebago, WI	75
Milwaukee, WI	Waukesha, WI	Wood, WI	132
Missoula, MT	Missoula, MT	Ada, ID	276
Missoula, MT	Missoula, MT	Adams, ID	200
Missoula, MT	Missoula, MT	Adams, WA	213
Missoula, MT	Missoula, MT	Asotin, WA	166
Missoula, MT	Missoula, MT	Baker, OR	251
Missoula, MT	Missoula, MT	Bannock, ID	322
Missoula, MT	Missoula, MT	Beaverhead, MT	143
Missoula, MT	Missoula, MT	Benewah, ID	129
Missoula, MT	Missoula, MT	Benton, WA	273
Missoula, MT	Missoula, MT	Bingham, ID	280
Missoula, MT	Missoula, MT	Blaine, ID	264
Missoula, MT	Missoula, MT	Blaine, MT	247
Missoula, MT	Missoula, MT	Boise, ID	235
Missoula, MT	Missoula, MT	Bonner, ID	149
Missoula, MT	Missoula, MT	Bonneville, ID	289
Missoula, MT	Missoula, MT	Boundary, ID	161
Missoula, MT	Missoula, MT	Broadwater, MT	131
Missoula, MT	Missoula, MT	Butte, ID	236
Missoula, MT	Missoula, MT	Camas, ID	252
Missoula, MT	Missoula, MT	Canyon, ID	277
Missoula, MT	Missoula, MT	Carbon, MT	261
Missoula, MT	Missoula, MT	Caribou, ID	325
Missoula, MT	Missoula, MT	Cascade, MT	119
Missoula, MT	Missoula, MT	Cassia, ID	331
Missoula, MT	Missoula, MT	Chouteau, MT	170
Missoula, MT	Missoula, MT	Clark, ID	212
Missoula, MT	Missoula, MT	Clearwater, ID	87
Missoula, MT	Missoula, MT	Columbia, WA	197
Missoula, MT	Missoula, MT	Crook, OR	371
Missoula, MT	Missoula, MT	Custer, ID	201
Missoula, MT	Missoula, MT	Deer Lodge, MT	86
Missoula, MT	Missoula, MT	Elmore, ID	266
Missoula, MT	Missoula, MT	Fergus, MT	216
Missoula, MT	Missoula, MT	Ferry, WA	231

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Missoula, MT	Missoula, MT	Flathead, MT	82
Missoula, MT	Missoula, MT	Franklin, WA	241
Missoula, MT	Missoula, MT	Fremont, ID	229
Missoula, MT	Missoula, MT	Fremont, WY	380
Missoula, MT	Missoula, MT	Gallatin, MT	180
Missoula, MT	Missoula, MT	Garfield, WA	179
Missoula, MT	Missoula, MT	Gem, ID	234
Missoula, MT	Missoula, MT	Gilliam, OR	323
Missoula, MT	Missoula, MT	Glacier, MT	116
Missoula, MT	Missoula, MT	Golden Valley, MT	233
Missoula, MT	Missoula, MT	Gooding, ID	293
Missoula, MT	Missoula, MT	Granite, MT	56
Missoula, MT	Missoula, MT	Grant, OR	305
Missoula, MT	Missoula, MT	Grant, WA	261
Missoula, MT	Missoula, MT	Harney, OR	378
Missoula, MT	Missoula, MT	Hill, MT	204
Missoula, MT	Missoula, MT	Humboldt, NV	455
Missoula, MT	Missoula, MT	Idaho, ID	115
Missoula, MT	Missoula, MT	Jefferson, ID	240
Missoula, MT	Missoula, MT	Jefferson, MT	108
Missoula, MT	Missoula, MT	Judith Basin, MT	176
Missoula, MT	Missoula, MT	Klickitat, WA	337
Missoula, MT	Missoula, MT	Kootenai, ID	134
Missoula, MT	Missoula, MT	Lake, MT	34
Missoula, MT	Missoula, MT	Latah, ID	131
Missoula, MT	Missoula, MT	Lemhi, ID	149
Missoula, MT	Missoula, MT	Lewis and Clark, MT	66
Missoula, MT	Missoula, MT	Lewis, ID	130
Missoula, MT	Missoula, MT	Liberty, MT	169
Missoula, MT	Missoula, MT	Lincoln, ID	286
Missoula, MT	Missoula, MT	Lincoln, MT	116
Missoula, MT	Missoula, MT	Lincoln, WA	211
Missoula, MT	Missoula, MT	Lincoln, WY	358
Missoula, MT	Missoula, MT	Madison, ID	256
Missoula, MT	Missoula, MT	Madison, MT	160
Missoula, MT	Missoula, MT	Malheur, OR	324
Missoula, MT	Missoula, MT	Meagher, MT	151
Missoula, MT	Missoula, MT	Mineral, MT	43
Missoula, MT	Missoula, MT	Minidoka, ID	295
Missoula, MT	Missoula, MT	Missoula, MT	23
Missoula, MT	Missoula, MT	Morrow, OR	292
Missoula, MT	Missoula, MT	Musselshell, MT	270
Missoula, MT	Missoula, MT	Nez Perce, ID	149
Missoula, MT	Missoula, MT	Okanogan, WA	285
Missoula, MT	Missoula, MT	Owyhee, ID	316
Missoula, MT	Missoula, MT	Park, MT	195
Missoula, MT	Missoula, MT	Park, WY	288
Missoula, MT	Missoula, MT	Payette, ID	259
Missoula, MT	Missoula, MT	Pend Oreille, WA	182

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Missoula, MT	Missoula, MT	Petroleum, MT	264
Missoula, MT	Missoula, MT	Phillips, MT	292
Missoula, MT	Missoula, MT	Pondera, MT	104
Missoula, MT	Missoula, MT	Powell, MT	44
Missoula, MT	Missoula, MT	Power, ID	309
Missoula, MT	Missoula, MT	Ravalli, MT	74
Missoula, MT	Missoula, MT	Sanders, MT	69
Missoula, MT	Missoula, MT	Shoshone, ID	100
Missoula, MT	Missoula, MT	Silver Bow, MT	103
Missoula, MT	Missoula, MT	Spokane, WA	167
Missoula, MT	Missoula, MT	Stevens, WA	202
Missoula, MT	Missoula, MT	Stillwater, MT	247
Missoula, MT	Missoula, MT	Sublette, WY	353
Missoula, MT	Missoula, MT	Sweet Grass, MT	217
Missoula, MT	Missoula, MT	Teton, ID	268
Missoula, MT	Missoula, MT	Teton, MT	96
Missoula, MT	Missoula, MT	Teton, WY	274
Missoula, MT	Missoula, MT	Toole, MT	146
Missoula, MT	Missoula, MT	Twin Falls, ID	324
Missoula, MT	Missoula, MT	Umatilla, OR	250
Missoula, MT	Missoula, MT	Union, OR	229
Missoula, MT	Missoula, MT	Valley, ID	187
Missoula, MT	Missoula, MT	Walla Walla, WA	223
Missoula, MT	Missoula, MT	Wallowa, OR	187
Missoula, MT	Missoula, MT	Washington, ID	229
Missoula, MT	Missoula, MT	Wheatland, MT	199
Missoula, MT	Missoula, MT	Wheeler, OR	337
Missoula, MT	Missoula, MT	Whitman, WA	170
Missoula, MT	Missoula, MT	Yakima, WA	319
Morgantown, WV	Monongalia, WV	Albemarle, VA	133
Morgantown, WV	Monongalia, WV	Allegany, MD	73
Morgantown, WV	Monongalia, WV	Allegheny, PA	59
Morgantown, WV	Monongalia, WV	Armstrong, PA	92
Morgantown, WV	Monongalia, WV	Athens, OH	113
Morgantown, WV	Monongalia, WV	Augusta, VA	107
Morgantown, WV	Monongalia, WV	Barbour, WV	32
Morgantown, WV	Monongalia, WV	Bath, VA	106
Morgantown, WV	Monongalia, WV	Beaver, PA	78
Morgantown, WV	Monongalia, WV	Bedford, PA	85
Morgantown, WV	Monongalia, WV	Belmont, OH	62
Morgantown, WV	Monongalia, WV	Berkeley, WV	104
Morgantown, WV	Monongalia, WV	Blair, PA	107
Morgantown, WV	Monongalia, WV	Braxton, WV	73
Morgantown, WV	Monongalia, WV	Brooke, WV	58
Morgantown, WV	Monongalia, WV	Butler, PA	93
Morgantown, WV	Monongalia, WV	Calhoun, WV	80
Morgantown, WV	Monongalia, WV	Cambria, PA	91
Morgantown, WV	Monongalia, WV	Cameron, PA	158
Morgantown, WV	Monongalia, WV	Carroll, OH	91

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Morgantown, WV	Monongalia, WV	Centre, PA	155
Morgantown, WV	Monongalia, WV	Clarion, PA	116
Morgantown, WV	Monongalia, WV	Clarke, VA	112
Morgantown, WV	Monongalia, WV	Clay, WV	97
Morgantown, WV	Monongalia, WV	Clearfield, PA	127
Morgantown, WV	Monongalia, WV	Clinton, PA	164
Morgantown, WV	Monongalia, WV	Columbiana, OH	93
Morgantown, WV	Monongalia, WV	Coshocton, OH	114
Morgantown, WV	Monongalia, WV	Doddridge, WV	47
Morgantown, WV	Monongalia, WV	Elk, PA	142
Morgantown, WV	Monongalia, WV	Fayette, PA	30
Morgantown, WV	Monongalia, WV	Forest, PA	137
Morgantown, WV	Monongalia, WV	Franklin, PA	124
Morgantown, WV	Monongalia, WV	Frederick, MD	139
Morgantown, WV	Monongalia, WV	Frederick, VA	96
Morgantown, WV	Monongalia, WV	Fulton, PA	103
Morgantown, WV	Monongalia, WV	Garrett, MD	37
Morgantown, WV	Monongalia, WV	Gilmer, WV	64
Morgantown, WV	Monongalia, WV	Grant, WV	54
Morgantown, WV	Monongalia, WV	Greenbrier, WV	113
Morgantown, WV	Monongalia, WV	Greene, PA	24
Morgantown, WV	Monongalia, WV	Greene, VA	118
Morgantown, WV	Monongalia, WV	Guernsey, OH	86
Morgantown, WV	Monongalia, WV	Hampshire, WV	74
Morgantown, WV	Monongalia, WV	Hancock, WV	72
Morgantown, WV	Monongalia, WV	Hardy, WV	73
Morgantown, WV	Monongalia, WV	Harrison, OH	78
Morgantown, WV	Monongalia, WV	Harrison, WV	30
Morgantown, WV	Monongalia, WV	Harrisonburg (City), VA	98
Morgantown, WV	Monongalia, WV	Highland, VA	86
Morgantown, WV	Monongalia, WV	Hocking, OH	133
Morgantown, WV	Monongalia, WV	Huntingdon, PA	117
Morgantown, WV	Monongalia, WV	Indiana, PA	87
Morgantown, WV	Monongalia, WV	Jackson, WV	106
Morgantown, WV	Monongalia, WV	Jefferson, OH	69
Morgantown, WV	Monongalia, WV	Jefferson, PA	119
Morgantown, WV	Monongalia, WV	Jefferson, WV	114
Morgantown, WV	Monongalia, WV	Juniata, PA	145
Morgantown, WV	Monongalia, WV	Lawrence, PA	99
Morgantown, WV	Monongalia, WV	Lewis, WV	52
Morgantown, WV	Monongalia, WV	Licking, OH	138
Morgantown, WV	Monongalia, WV	Loudoun, VA	128
Morgantown, WV	Monongalia, WV	Mahoning, OH	108
Morgantown, WV	Monongalia, WV	Marion, WV	16
Morgantown, WV	Monongalia, WV	Marshall, WV	42
Morgantown, WV	Monongalia, WV	Meigs, OH	118
Morgantown, WV	Monongalia, WV	Mercer, PA	119
Morgantown, WV	Monongalia, WV	Mifflin, PA	142
Morgantown, WV	Monongalia, WV	Mineral, WV	56

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Morgantown, WV	Monongalia, WV	Monongalia, WV	10
Morgantown, WV	Monongalia, WV	Monroe, OH	58
Morgantown, WV	Monongalia, WV	Morgan, OH	98
Morgantown, WV	Monongalia, WV	Morgan, WV	89
Morgantown, WV	Monongalia, WV	Muskingum, OH	109
Morgantown, WV	Monongalia, WV	Nelson, VA	136
Morgantown, WV	Monongalia, WV	Nicholas, WV	98
Morgantown, WV	Monongalia, WV	Noble, OH	83
Morgantown, WV	Monongalia, WV	Ohio, WV	50
Morgantown, WV	Monongalia, WV	Page, VA	104
Morgantown, WV	Monongalia, WV	Pendleton, WV	70
Morgantown, WV	Monongalia, WV	Perry, OH	120
Morgantown, WV	Monongalia, WV	Pleasants, WV	65
Morgantown, WV	Monongalia, WV	Pocahontas, WV	82
Morgantown, WV	Monongalia, WV	Preston, WV	17
Morgantown, WV	Monongalia, WV	Randolph, WV	58
Morgantown, WV	Monongalia, WV	Ritchie, WV	65
Morgantown, WV	Monongalia, WV	Roane, WV	94
Morgantown, WV	Monongalia, WV	Rockbridge, VA	126
Morgantown, WV	Monongalia, WV	Rockingham, VA	91
Morgantown, WV	Monongalia, WV	Shenandoah, VA	90
Morgantown, WV	Monongalia, WV	Somerset, PA	58
Morgantown, WV	Monongalia, WV	Stark, OH	113
Morgantown, WV	Monongalia, WV	Staunton (City), VA	110
Morgantown, WV	Monongalia, WV	Taylor, WV	17
Morgantown, WV	Monongalia, WV	Tucker, WV	38
Morgantown, WV	Monongalia, WV	Tuscarawas, OH	100
Morgantown, WV	Monongalia, WV	Tyler, WV	46
Morgantown, WV	Monongalia, WV	Upshur, WV	49
Morgantown, WV	Monongalia, WV	Venango, PA	126
Morgantown, WV	Monongalia, WV	Vinton, OH	138
Morgantown, WV	Monongalia, WV	Warren, VA	106
Morgantown, WV	Monongalia, WV	Washington, MD	120
Morgantown, WV	Monongalia, WV	Washington, OH	83
Morgantown, WV	Monongalia, WV	Washington, PA	46
Morgantown, WV	Monongalia, WV	Waynesboro (City), VA	119
Morgantown, WV	Monongalia, WV	Webster, WV	80
Morgantown, WV	Monongalia, WV	Westmoreland, PA	62
Morgantown, WV	Monongalia, WV	Wetzel, WV	37
Morgantown, WV	Monongalia, WV	Wirt, WV	84
Morgantown, WV	Monongalia, WV	Wood, WV	86
Muscatine, IA	Muscatine, IA	Adair, MO	119
Muscatine, IA	Muscatine, IA	Adams, IL	103
Muscatine, IA	Muscatine, IA	Allamakee, IA	127
Muscatine, IA	Muscatine, IA	Appanoose, IA	106
Muscatine, IA	Muscatine, IA	Benton, IA	66
Muscatine, IA	Muscatine, IA	Black Hawk, IA	94
Muscatine, IA	Muscatine, IA	Boone, IL	130
Muscatine, IA	Muscatine, IA	Bremer, IA	111

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Muscatine, IA	Muscatine, IA	Buchanan, IA	80
Muscatine, IA	Muscatine, IA	Bureau, IL	81
Muscatine, IA	Muscatine, IA	Butler, IA	124
Muscatine, IA	Muscatine, IA	Carroll, IL	72
Muscatine, IA	Muscatine, IA	Cedar, IA	21
Muscatine, IA	Muscatine, IA	Cerro Gordo, IA	158
Muscatine, IA	Muscatine, IA	Chickasaw, IA	127
Muscatine, IA	Muscatine, IA	Clark, MO	79
Muscatine, IA	Muscatine, IA	Clayton, IA	98
Muscatine, IA	Muscatine, IA	Clinton, IA	40
Muscatine, IA	Muscatine, IA	Crawford, WI	121
Muscatine, IA	Muscatine, IA	Davis, IA	85
Muscatine, IA	Muscatine, IA	DeKalb, IL	123
Muscatine, IA	Muscatine, IA	Delaware, IA	71
Muscatine, IA	Muscatine, IA	Des Moines, IA	41
Muscatine, IA	Muscatine, IA	Dubuque, IA	71
Muscatine, IA	Muscatine, IA	Fayette, IA	104
Muscatine, IA	Muscatine, IA	Floyd, IA	141
Muscatine, IA	Muscatine, IA	Franklin, IA	142
Muscatine, IA	Muscatine, IA	Fulton, IL	85
Muscatine, IA	Muscatine, IA	Grant, WI	98
Muscatine, IA	Muscatine, IA	Green, WI	113
Muscatine, IA	Muscatine, IA	Grundy, IA	108
Muscatine, IA	Muscatine, IA	Grundy, IL	139
Muscatine, IA	Muscatine, IA	Hancock, IL	73
Muscatine, IA	Muscatine, IA	Hardin, IA	128
Muscatine, IA	Muscatine, IA	Henderson, IL	43
Muscatine, IA	Muscatine, IA	Henry, IA	41
Muscatine, IA	Muscatine, IA	Henry, IL	49
Muscatine, IA	Muscatine, IA	Iowa, IA	53
Muscatine, IA	Muscatine, IA	Iowa, WI	117
Muscatine, IA	Muscatine, IA	Jackson, IA	56
Muscatine, IA	Muscatine, IA	Jasper, IA	104
Muscatine, IA	Muscatine, IA	Jefferson, IA	54
Muscatine, IA	Muscatine, IA	Jo Daviess, IL	77
Muscatine, IA	Muscatine, IA	Johnson, IA	30
Muscatine, IA	Muscatine, IA	Jones, IA	45
Muscatine, IA	Muscatine, IA	Kane, IL	140
Muscatine, IA	Muscatine, IA	Kendall, IL	137
Muscatine, IA	Muscatine, IA	Keokuk, IA	58
Muscatine, IA	Muscatine, IA	Knox, IL	58
Muscatine, IA	Muscatine, IA	Knox, MO	108
Muscatine, IA	Muscatine, IA	La Salle, IL	115
Muscatine, IA	Muscatine, IA	Lafayette, WI	96
Muscatine, IA	Muscatine, IA	Lee, IA	65
Muscatine, IA	Muscatine, IA	Lee, IL	95
Muscatine, IA	Muscatine, IA	Lewis, MO	100
Muscatine, IA	Muscatine, IA	Linn, IA	50
Muscatine, IA	Muscatine, IA	Livingston, IL	136

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Muscatine, IA	Muscatine, IA	Louisa, IA	19
Muscatine, IA	Muscatine, IA	Mahaska, IA	82
Muscatine, IA	Muscatine, IA	Marion, IA	105
Muscatine, IA	Muscatine, IA	Marshall, IA	107
Muscatine, IA	Muscatine, IA	Marshall, IL	95
Muscatine, IA	Muscatine, IA	Mason, IL	106
Muscatine, IA	Muscatine, IA	McDonough, IL	73
Muscatine, IA	Muscatine, IA	McHenry, IL	148
Muscatine, IA	Muscatine, IA	Mercer, IL	25
Muscatine, IA	Muscatine, IA	Monroe, IA	98
Muscatine, IA	Muscatine, IA	Muscatine, IA	11
Muscatine, IA	Muscatine, IA	Ogle, IL	100
Muscatine, IA	Muscatine, IA	Peoria, IL	84
Muscatine, IA	Muscatine, IA	Polk, IA	130
Muscatine, IA	Muscatine, IA	Poweshiek, IA	77
Muscatine, IA	Muscatine, IA	Putnam, IL	93
Muscatine, IA	Muscatine, IA	Richland, WI	135
Muscatine, IA	Muscatine, IA	Rock Island, IL	41
Muscatine, IA	Muscatine, IA	Rock, WI	132
Muscatine, IA	Muscatine, IA	Schuyler, IL	95
Muscatine, IA	Muscatine, IA	Schuyler, MO	102
Muscatine, IA	Muscatine, IA	Scotland, MO	90
Muscatine, IA	Muscatine, IA	Scott, IA	26
Muscatine, IA	Muscatine, IA	Stark, IL	70
Muscatine, IA	Muscatine, IA	Stephenson, IL	95
Muscatine, IA	Muscatine, IA	Story, IA	129
Muscatine, IA	Muscatine, IA	Tama, IA	86
Muscatine, IA	Muscatine, IA	Tazewell, IL	103
Muscatine, IA	Muscatine, IA	Van Buren, IA	67
Muscatine, IA	Muscatine, IA	Walworth, WI	154
Muscatine, IA	Muscatine, IA	Wapello, IA	76
Muscatine, IA	Muscatine, IA	Warren, IL	49
Muscatine, IA	Muscatine, IA	Washington, IA	34
Muscatine, IA	Muscatine, IA	Whiteside, IL	62
Muscatine, IA	Muscatine, IA	Winnebago, IL	115
Muscatine, IA	Muscatine, IA	Winneshiek, IA	132
Muscatine, IA	Muscatine, IA	Woodford, IL	107
New York, New York	Bergen, NJ	Albany, NY	115
New York, New York	Bergen, NJ	Atlantic, NJ	106
New York, New York	Bergen, NJ	Bennington, VT	151
New York, New York	Bergen, NJ	Bergen, NJ	9
New York, New York	Bergen, NJ	Berks, PA	107
New York, New York	Bergen, NJ	Berkshire, MA	109
New York, New York	Bergen, NJ	Bradford, PA	141
New York, New York	Bergen, NJ	Bronx, NY	11
New York, New York	Bergen, NJ	Broome, NY	129
New York, New York	Bergen, NJ	Bucks, PA	72
New York, New York	Bergen, NJ	Burlington, NJ	83
New York, New York	Bergen, NJ	Camden, NJ	94

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	Bergen, NJ	Cape May, NJ	132
New York, New York	Bergen, NJ	Carbon, PA	90
New York, New York	Bergen, NJ	Cayuga, NY	195
New York, New York	Bergen, NJ	Cecil, MD	140
New York, New York	Bergen, NJ	Chemung, NY	164
New York, New York	Bergen, NJ	Chenango, NY	134
New York, New York	Bergen, NJ	Cheshire, NH	164
New York, New York	Bergen, NJ	Chester, PA	111
New York, New York	Bergen, NJ	Clinton, PA	193
New York, New York	Bergen, NJ	Columbia, NY	92
New York, New York	Bergen, NJ	Columbia, PA	124
New York, New York	Bergen, NJ	Cortland, NY	155
New York, New York	Bergen, NJ	Cumberland, NJ	124
New York, New York	Bergen, NJ	Cumberland, PA	182
New York, New York	Bergen, NJ	Dauphin, PA	152
New York, New York	Bergen, NJ	Delaware, NY	98
New York, New York	Bergen, NJ	Delaware, PA	100
New York, New York	Bergen, NJ	Dutchess, NY	58
New York, New York	Bergen, NJ	Essex, NJ	16
New York, New York	Bergen, NJ	Fairfield, CT	45
New York, New York	Bergen, NJ	Franklin, MA	133
New York, New York	Bergen, NJ	Gloucester, NJ	104
New York, New York	Bergen, NJ	Greene, NY	92
New York, New York	Bergen, NJ	Hampden, MA	111
New York, New York	Bergen, NJ	Hampshire, MA	119
New York, New York	Bergen, NJ	Harford, MD	155
New York, New York	Bergen, NJ	Hartford, CT	89
New York, New York	Bergen, NJ	Herkimer, NY	180
New York, New York	Bergen, NJ	Hudson, NJ	15
New York, New York	Bergen, NJ	Hunterdon, NJ	55
New York, New York	Bergen, NJ	Juniata, PA	185
New York, New York	Bergen, NJ	Kent, DE	152
New York, New York	Bergen, NJ	Kent, MD	166
New York, New York	Bergen, NJ	Kings, NY	21
New York, New York	Bergen, NJ	Lackawanna, PA	90
New York, New York	Bergen, NJ	Lancaster, PA	133
New York, New York	Bergen, NJ	Lebanon, PA	133
New York, New York	Bergen, NJ	Lehigh, PA	85
New York, New York	Bergen, NJ	Litchfield, CT	69
New York, New York	Bergen, NJ	Luzerne, PA	102
New York, New York	Bergen, NJ	Lycoming, PA	160
New York, New York	Bergen, NJ	Madison, NY	164
New York, New York	Bergen, NJ	Mercer, NJ	57
New York, New York	Bergen, NJ	Middlesex, CT	86
New York, New York	Bergen, NJ	Middlesex, NJ	40
New York, New York	Bergen, NJ	Monmouth, NJ	47
New York, New York	Bergen, NJ	Monroe, PA	66
New York, New York	Bergen, NJ	Montgomery, NY	137
New York, New York	Bergen, NJ	Montgomery, PA	87

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	Bergen, NJ	Montour, PA	138
New York, New York	Bergen, NJ	Morris, NJ	29
New York, New York	Bergen, NJ	Nassau, NY	27
New York, New York	Bergen, NJ	New Castle, DE	129
New York, New York	Bergen, NJ	New Haven, CT	66
New York, New York	Bergen, NJ	New London, CT	109
New York, New York	Bergen, NJ	New York, NY	12
New York, New York	Bergen, NJ	Northampton, PA	73
New York, New York	Bergen, NJ	Northumberland, PA	139
New York, New York	Bergen, NJ	Ocean, NJ	78
New York, New York	Bergen, NJ	Oneida, NY	176
New York, New York	Bergen, NJ	Onondaga, NY	182
New York, New York	Bergen, NJ	Orange, NY	34
New York, New York	Bergen, NJ	Otsego, NY	125
New York, New York	Bergen, NJ	Passaic, NJ	15
New York, New York	Bergen, NJ	Perry, PA	175
New York, New York	Bergen, NJ	Philadelphia, PA	88
New York, New York	Bergen, NJ	Pike, PA	60
New York, New York	Bergen, NJ	Potter, PA	209
New York, New York	Bergen, NJ	Putnam, NY	36
New York, New York	Bergen, NJ	Queens, NY	23
New York, New York	Bergen, NJ	Rensselaer, NY	125
New York, New York	Bergen, NJ	Rockland, NY	15
New York, New York	Bergen, NJ	Rutland, VT	189
New York, New York	Bergen, NJ	Salem, NJ	116
New York, New York	Bergen, NJ	Saratoga, NY	148
New York, New York	Bergen, NJ	Schenectady, NY	130
New York, New York	Bergen, NJ	Schoharie, NY	116
New York, New York	Bergen, NJ	Schuylkill, PA	112
New York, New York	Bergen, NJ	Snyder, PA	162
New York, New York	Bergen, NJ	Somerset, NJ	41
New York, New York	Bergen, NJ	Suffolk, NY	64
New York, New York	Bergen, NJ	Sullivan, NY	66
New York, New York	Bergen, NJ	Sullivan, PA	134
New York, New York	Bergen, NJ	Susquehanna, PA	110
New York, New York	Bergen, NJ	Sussex, NJ	37
New York, New York	Bergen, NJ	Tioga, NY	147
New York, New York	Bergen, NJ	Tioga, PA	177
New York, New York	Bergen, NJ	Tolland, CT	107
New York, New York	Bergen, NJ	Tompkins, NY	163
New York, New York	Bergen, NJ	Ulster, NY	65
New York, New York	Bergen, NJ	Union, NJ	23
New York, New York	Bergen, NJ	Union, PA	158
New York, New York	Bergen, NJ	Warren, NJ	49
New York, New York	Bergen, NJ	Washington, NY	171
New York, New York	Bergen, NJ	Wayne, PA	79
New York, New York	Bergen, NJ	Westchester, NY	18
New York, New York	Bergen, NJ	Windham, VT	156
New York, New York	Bergen, NJ	Windsor, VT	198

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	Bergen, NJ	Worcester, MA	145
New York, New York	Bergen, NJ	Wyoming, PA	110
New York, New York	Bergen, NJ	York, PA	158
New York, New York	Bronx, NY	Albany, NY	122
New York, New York	Bronx, NY	Atlantic, NJ	103
New York, New York	Bronx, NY	Bennington, VT	155
New York, New York	Bronx, NY	Bergen, NJ	11
New York, New York	Bronx, NY	Berks, PA	113
New York, New York	Bronx, NY	Berkshire, MA	112
New York, New York	Bronx, NY	Bradford, PA	151
New York, New York	Bronx, NY	Bronx, NY	3
New York, New York	Bronx, NY	Broome, NY	139
New York, New York	Bronx, NY	Bucks, PA	76
New York, New York	Bronx, NY	Burlington, NJ	81
New York, New York	Bronx, NY	Camden, NJ	94
New York, New York	Bronx, NY	Cape May, NJ	130
New York, New York	Bronx, NY	Carbon, PA	99
New York, New York	Bronx, NY	Cayuga, NY	206
New York, New York	Bronx, NY	Cecil, MD	142
New York, New York	Bronx, NY	Chemung, NY	175
New York, New York	Bronx, NY	Chenango, NY	144
New York, New York	Bronx, NY	Cheshire, NH	166
New York, New York	Bronx, NY	Chester, PA	114
New York, New York	Bronx, NY	Clinton, PA	202
New York, New York	Bronx, NY	Columbia, NY	97
New York, New York	Bronx, NY	Columbia, PA	133
New York, New York	Bronx, NY	Cortland, NY	166
New York, New York	Bronx, NY	Cumberland, NJ	122
New York, New York	Bronx, NY	Cumberland, PA	188
New York, New York	Bronx, NY	Dauphin, PA	159
New York, New York	Bronx, NY	Delaware, NY	108
New York, New York	Bronx, NY	Delaware, PA	102
New York, New York	Bronx, NY	Dutchess, NY	63
New York, New York	Bronx, NY	Essex, NJ	21
New York, New York	Bronx, NY	Fairfield, CT	43
New York, New York	Bronx, NY	Franklin, MA	133
New York, New York	Bronx, NY	Gloucester, NJ	105
New York, New York	Bronx, NY	Greene, NY	99
New York, New York	Bronx, NY	Hampden, MA	111
New York, New York	Bronx, NY	Hampshire, MA	120
New York, New York	Bronx, NY	Harford, MD	158
New York, New York	Bronx, NY	Hartford, CT	87
New York, New York	Bronx, NY	Herkimer, NY	188
New York, New York	Bronx, NY	Hudson, NJ	14
New York, New York	Bronx, NY	Hunterdon, NJ	60
New York, New York	Bronx, NY	Juniata, PA	193
New York, New York	Bronx, NY	Kent, DE	152
New York, New York	Bronx, NY	Kent, MD	167
New York, New York	Bronx, NY	Kings, NY	15

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	Bronx, NY	Lackawanna, PA	100
New York, New York	Bronx, NY	Lancaster, PA	138
New York, New York	Bronx, NY	Lebanon, PA	139
New York, New York	Bronx, NY	Lehigh, PA	92
New York, New York	Bronx, NY	Litchfield, CT	70
New York, New York	Bronx, NY	Luzerne, PA	111
New York, New York	Bronx, NY	Lycoming, PA	170
New York, New York	Bronx, NY	Madison, NY	174
New York, New York	Bronx, NY	Mercer, NJ	58
New York, New York	Bronx, NY	Middlesex, CT	81
New York, New York	Bronx, NY	Middlesex, NJ	40
New York, New York	Bronx, NY	Monmouth, NJ	43
New York, New York	Bronx, NY	Monroe, PA	76
New York, New York	Bronx, NY	Montgomery, NY	145
New York, New York	Bronx, NY	Montgomery, PA	90
New York, New York	Bronx, NY	Montour, PA	147
New York, New York	Bronx, NY	Morris, NJ	37
New York, New York	Bronx, NY	Nassau, NY	16
New York, New York	Bronx, NY	New Castle, DE	131
New York, New York	Bronx, NY	New Haven, CT	63
New York, New York	Bronx, NY	New London, CT	104
New York, New York	Bronx, NY	New York, NY	7
New York, New York	Bronx, NY	Northampton, PA	81
New York, New York	Bronx, NY	Northumberland, PA	148
New York, New York	Bronx, NY	Ocean, NJ	73
New York, New York	Bronx, NY	Oneida, NY	185
New York, New York	Bronx, NY	Onondaga, NY	192
New York, New York	Bronx, NY	Orange, NY	44
New York, New York	Bronx, NY	Otsego, NY	135
New York, New York	Bronx, NY	Passaic, NJ	26
New York, New York	Bronx, NY	Perry, PA	182
New York, New York	Bronx, NY	Philadelphia, PA	89
New York, New York	Bronx, NY	Pike, PA	70
New York, New York	Bronx, NY	Potter, PA	219
New York, New York	Bronx, NY	Putnam, NY	40
New York, New York	Bronx, NY	Queens, NY	13
New York, New York	Bronx, NY	Rensselaer, NY	130
New York, New York	Bronx, NY	Rockland, NY	24
New York, New York	Bronx, NY	Rutland, VT	193
New York, New York	Bronx, NY	Salem, NJ	116
New York, New York	Bronx, NY	Saratoga, NY	154
New York, New York	Bronx, NY	Schenectady, NY	137
New York, New York	Bronx, NY	Schoharie, NY	124
New York, New York	Bronx, NY	Schuylkill, PA	120
New York, New York	Bronx, NY	Snyder, PA	170
New York, New York	Bronx, NY	Somerset, NJ	45
New York, New York	Bronx, NY	Suffolk, NY	56
New York, New York	Bronx, NY	Sullivan, NY	77
New York, New York	Bronx, NY	Sullivan, PA	143

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	Bronx, NY	Susquehanna, PA	121
New York, New York	Bronx, NY	Sussex, NJ	48
New York, New York	Bronx, NY	Tioga, NY	157
New York, New York	Bronx, NY	Tioga, PA	187
New York, New York	Bronx, NY	Tolland, CT	104
New York, New York	Bronx, NY	Tompkins, NY	174
New York, New York	Bronx, NY	Ulster, NY	73
New York, New York	Bronx, NY	Union, NJ	25
New York, New York	Bronx, NY	Union, PA	167
New York, New York	Bronx, NY	Warren, NJ	57
New York, New York	Bronx, NY	Washington, NY	176
New York, New York	Bronx, NY	Wayne, PA	89
New York, New York	Bronx, NY	Westchester, NY	19
New York, New York	Bronx, NY	Windham, VT	159
New York, New York	Bronx, NY	Windsor, VT	201
New York, New York	Bronx, NY	Worcester, MA	143
New York, New York	Bronx, NY	Wyoming, PA	121
New York, New York	Bronx, NY	York, PA	163
New York, New York	Essex, NJ	Albany, NY	127
New York, New York	Essex, NJ	Atlantic, NJ	92
New York, New York	Essex, NJ	Bennington, VT	165
New York, New York	Essex, NJ	Bergen, NJ	16
New York, New York	Essex, NJ	Berks, PA	92
New York, New York	Essex, NJ	Berkshire, MA	123
New York, New York	Essex, NJ	Bradford, PA	135
New York, New York	Essex, NJ	Bronx, NY	21
New York, New York	Essex, NJ	Broome, NY	129
New York, New York	Essex, NJ	Bucks, PA	56
New York, New York	Essex, NJ	Burlington, NJ	68
New York, New York	Essex, NJ	Camden, NJ	79
New York, New York	Essex, NJ	Cape May, NJ	119
New York, New York	Essex, NJ	Carbon, PA	79
New York, New York	Essex, NJ	Cayuga, NY	196
New York, New York	Essex, NJ	Cecil, MD	123
New York, New York	Essex, NJ	Chemung, NY	160
New York, New York	Essex, NJ	Chenango, NY	136
New York, New York	Essex, NJ	Cheshire, NH	180
New York, New York	Essex, NJ	Chester, PA	95
New York, New York	Essex, NJ	Clinton, PA	183
New York, New York	Essex, NJ	Columbia, NY	105
New York, New York	Essex, NJ	Columbia, PA	113
New York, New York	Essex, NJ	Cortland, NY	156
New York, New York	Essex, NJ	Cumberland, NJ	108
New York, New York	Essex, NJ	Cumberland, PA	167
New York, New York	Essex, NJ	Dauphin, PA	138
New York, New York	Essex, NJ	Delaware, NY	103
New York, New York	Essex, NJ	Delaware, PA	84
New York, New York	Essex, NJ	Dutchess, NY	72
New York, New York	Essex, NJ	Essex, NJ	6

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	Essex, NJ	Fairfield, CT	61
New York, New York	Essex, NJ	Franklin, MA	148
New York, New York	Essex, NJ	Gloucester, NJ	89
New York, New York	Essex, NJ	Greene, NY	103
New York, New York	Essex, NJ	Hampden, MA	127
New York, New York	Essex, NJ	Hampshire, MA	135
New York, New York	Essex, NJ	Harford, MD	139
New York, New York	Essex, NJ	Hartford, CT	105
New York, New York	Essex, NJ	Herkimer, NY	188
New York, New York	Essex, NJ	Hudson, NJ	10
New York, New York	Essex, NJ	Hunterdon, NJ	40
New York, New York	Essex, NJ	Juniata, PA	172
New York, New York	Essex, NJ	Kent, DE	136
New York, New York	Essex, NJ	Kent, MD	150
New York, New York	Essex, NJ	Kings, NY	19
New York, New York	Essex, NJ	Lackawanna, PA	84
New York, New York	Essex, NJ	Lancaster, PA	117
New York, New York	Essex, NJ	Lebanon, PA	118
New York, New York	Essex, NJ	Lehigh, PA	71
New York, New York	Essex, NJ	Litchfield, CT	85
New York, New York	Essex, NJ	Luzerne, PA	92
New York, New York	Essex, NJ	Lycoming, PA	151
New York, New York	Essex, NJ	Madison, NY	168
New York, New York	Essex, NJ	Mercer, NJ	42
New York, New York	Essex, NJ	Middlesex, CT	101
New York, New York	Essex, NJ	Middlesex, NJ	26
New York, New York	Essex, NJ	Monmouth, NJ	36
New York, New York	Essex, NJ	Monroe, PA	57
New York, New York	Essex, NJ	Montgomery, NY	147
New York, New York	Essex, NJ	Montgomery, PA	71
New York, New York	Essex, NJ	Montour, PA	127
New York, New York	Essex, NJ	Morris, NJ	17
New York, New York	Essex, NJ	Nassau, NY	36
New York, New York	Essex, NJ	New Castle, DE	113
New York, New York	Essex, NJ	New Haven, CT	82
New York, New York	Essex, NJ	New London, CT	124
New York, New York	Essex, NJ	New York, NY	15
New York, New York	Essex, NJ	Northampton, PA	60
New York, New York	Essex, NJ	Northumberland, PA	128
New York, New York	Essex, NJ	Ocean, NJ	66
New York, New York	Essex, NJ	Oneida, NY	181
New York, New York	Essex, NJ	Onondaga, NY	184
New York, New York	Essex, NJ	Orange, NY	41
New York, New York	Essex, NJ	Otsego, NY	131
New York, New York	Essex, NJ	Passaic, NJ	15
New York, New York	Essex, NJ	Perry, PA	161
New York, New York	Essex, NJ	Philadelphia, PA	72
New York, New York	Essex, NJ	Pike, PA	56
New York, New York	Essex, NJ	Potter, PA	201

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	Essex, NJ	Putnam, NY	51
New York, New York	Essex, NJ	Queens, NY	26
New York, New York	Essex, NJ	Rensselaer, NY	139
New York, New York	Essex, NJ	Rockland, NY	27
New York, New York	Essex, NJ	Rutland, VT	203
New York, New York	Essex, NJ	Salem, NJ	100
New York, New York	Essex, NJ	Saratoga, NY	160
New York, New York	Essex, NJ	Schenectady, NY	142
New York, New York	Essex, NJ	Schoharie, NY	125
New York, New York	Essex, NJ	Schuylkill, PA	100
New York, New York	Essex, NJ	Snyder, PA	149
New York, New York	Essex, NJ	Somerset, NJ	25
New York, New York	Essex, NJ	Suffolk, NY	76
New York, New York	Essex, NJ	Sullivan, NY	70
New York, New York	Essex, NJ	Sullivan, PA	126
New York, New York	Essex, NJ	Susquehanna, PA	107
New York, New York	Essex, NJ	Sussex, NJ	33
New York, New York	Essex, NJ	Tioga, NY	145
New York, New York	Essex, NJ	Tioga, PA	170
New York, New York	Essex, NJ	Tolland, CT	123
New York, New York	Essex, NJ	Tompkins, NY	162
New York, New York	Essex, NJ	Ulster, NY	75
New York, New York	Essex, NJ	Union, NJ	9
New York, New York	Essex, NJ	Union, PA	147
New York, New York	Essex, NJ	Warren, NJ	37
New York, New York	Essex, NJ	Washington, NY	184
New York, New York	Essex, NJ	Wayne, PA	77
New York, New York	Essex, NJ	Westchester, NY	34
New York, New York	Essex, NJ	Windham, VT	171
New York, New York	Essex, NJ	Windsor, VT	212
New York, New York	Essex, NJ	Worcester, MA	161
New York, New York	Essex, NJ	Wyoming, PA	104
New York, New York	Essex, NJ	York, PA	143
New York, New York	Fairfield, CT	Albany, NY	95
New York, New York	Fairfield, CT	Atlantic, NJ	145
New York, New York	Fairfield, CT	Bennington, VT	118
New York, New York	Fairfield, CT	Bergen, NJ	45
New York, New York	Fairfield, CT	Berks, PA	150
New York, New York	Fairfield, CT	Berkshire, MA	74
New York, New York	Fairfield, CT	Bradford, PA	168
New York, New York	Fairfield, CT	Bronx, NY	43
New York, New York	Fairfield, CT	Broome, NY	144
New York, New York	Fairfield, CT	Bucks, PA	117
New York, New York	Fairfield, CT	Burlington, NJ	124
New York, New York	Fairfield, CT	Camden, NJ	137
New York, New York	Fairfield, CT	Cape May, NJ	171
New York, New York	Fairfield, CT	Carbon, PA	129
New York, New York	Fairfield, CT	Cayuga, NY	205
New York, New York	Fairfield, CT	Cecil, MD	184

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	Fairfield, CT	Chemung, NY	186
New York, New York	Fairfield, CT	Chenango, NY	143
New York, New York	Fairfield, CT	Cheshire, NH	124
New York, New York	Fairfield, CT	Chester, PA	156
New York, New York	Fairfield, CT	Clinton, PA	228
New York, New York	Fairfield, CT	Columbia, NY	65
New York, New York	Fairfield, CT	Columbia, PA	161
New York, New York	Fairfield, CT	Cortland, NY	166
New York, New York	Fairfield, CT	Cumberland, NJ	165
New York, New York	Fairfield, CT	Cumberland, PA	225
New York, New York	Fairfield, CT	Dauphin, PA	195
New York, New York	Fairfield, CT	Delaware, NY	103
New York, New York	Fairfield, CT	Delaware, PA	145
New York, New York	Fairfield, CT	Dutchess, NY	36
New York, New York	Fairfield, CT	Essex, NJ	61
New York, New York	Fairfield, CT	Fairfield, CT	15
New York, New York	Fairfield, CT	Franklin, MA	91
New York, New York	Fairfield, CT	Gloucester, NJ	148
New York, New York	Fairfield, CT	Greene, NY	78
New York, New York	Fairfield, CT	Hampden, MA	69
New York, New York	Fairfield, CT	Hampshire, MA	79
New York, New York	Fairfield, CT	Harford, MD	200
New York, New York	Fairfield, CT	Hartford, CT	44
New York, New York	Fairfield, CT	Herkimer, NY	169
New York, New York	Fairfield, CT	Hudson, NJ	57
New York, New York	Fairfield, CT	Hunterdon, NJ	100
New York, New York	Fairfield, CT	Juniata, PA	226
New York, New York	Fairfield, CT	Kent, DE	195
New York, New York	Fairfield, CT	Kent, MD	210
New York, New York	Fairfield, CT	Kings, NY	57
New York, New York	Fairfield, CT	Lackawanna, PA	120
New York, New York	Fairfield, CT	Lancaster, PA	177
New York, New York	Fairfield, CT	Lebanon, PA	176
New York, New York	Fairfield, CT	Lehigh, PA	128
New York, New York	Fairfield, CT	Litchfield, CT	30
New York, New York	Fairfield, CT	Luzerne, PA	137
New York, New York	Fairfield, CT	Lycoming, PA	194
New York, New York	Fairfield, CT	Madison, NY	167
New York, New York	Fairfield, CT	Mercer, NJ	101
New York, New York	Fairfield, CT	Middlesex, CT	43
New York, New York	Fairfield, CT	Middlesex, NJ	83
New York, New York	Fairfield, CT	Monmouth, NJ	86
New York, New York	Fairfield, CT	Monroe, PA	104
New York, New York	Fairfield, CT	Montgomery, NY	123
New York, New York	Fairfield, CT	Montgomery, PA	132
New York, New York	Fairfield, CT	Montour, PA	175
New York, New York	Fairfield, CT	Morris, NJ	72
New York, New York	Fairfield, CT	Nassau, NY	41
New York, New York	Fairfield, CT	New Castle, DE	174

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	Fairfield, CT	New Haven, CT	22
New York, New York	Fairfield, CT	New London, CT	67
New York, New York	Fairfield, CT	New York, NY	50
New York, New York	Fairfield, CT	Northampton, PA	115
New York, New York	Fairfield, CT	Northumberland, PA	178
New York, New York	Fairfield, CT	Ocean, NJ	114
New York, New York	Fairfield, CT	Oneida, NY	173
New York, New York	Fairfield, CT	Onondaga, NY	188
New York, New York	Fairfield, CT	Orange, NY	52
New York, New York	Fairfield, CT	Otsego, NY	123
New York, New York	Fairfield, CT	Passaic, NJ	56
New York, New York	Fairfield, CT	Perry, PA	216
New York, New York	Fairfield, CT	Philadelphia, PA	132
New York, New York	Fairfield, CT	Pike, PA	90
New York, New York	Fairfield, CT	Potter, PA	239
New York, New York	Fairfield, CT	Putnam, NY	23
New York, New York	Fairfield, CT	Queens, NY	51
New York, New York	Fairfield, CT	Rensselaer, NY	96
New York, New York	Fairfield, CT	Rockland, NY	40
New York, New York	Fairfield, CT	Rutland, VT	156
New York, New York	Fairfield, CT	Salem, NJ	159
New York, New York	Fairfield, CT	Saratoga, NY	124
New York, New York	Fairfield, CT	Schenectady, NY	110
New York, New York	Fairfield, CT	Schoharie, NY	104
New York, New York	Fairfield, CT	Schuylkill, PA	153
New York, New York	Fairfield, CT	Snyder, PA	201
New York, New York	Fairfield, CT	Somerset, NJ	86
New York, New York	Fairfield, CT	Suffolk, NY	38
New York, New York	Fairfield, CT	Sullivan, NY	80
New York, New York	Fairfield, CT	Sullivan, PA	165
New York, New York	Fairfield, CT	Susquehanna, PA	132
New York, New York	Fairfield, CT	Sussex, NJ	73
New York, New York	Fairfield, CT	Tioga, NY	165
New York, New York	Fairfield, CT	Tioga, PA	205
New York, New York	Fairfield, CT	Tolland, CT	62
New York, New York	Fairfield, CT	Tompkins, NY	179
New York, New York	Fairfield, CT	Ulster, NY	59
New York, New York	Fairfield, CT	Union, NJ	67
New York, New York	Fairfield, CT	Union, PA	195
New York, New York	Fairfield, CT	Warren, NJ	91
New York, New York	Fairfield, CT	Washington, NY	142
New York, New York	Fairfield, CT	Wayne, PA	102
New York, New York	Fairfield, CT	Westchester, NY	27
New York, New York	Fairfield, CT	Windham, VT	119
New York, New York	Fairfield, CT	Windsor, VT	162
New York, New York	Fairfield, CT	Worcester, MA	100
New York, New York	Fairfield, CT	Wyoming, PA	140
New York, New York	Fairfield, CT	York, PA	202
New York, New York	Hudson, NJ	Albany, NY	130

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	Hudson, NJ	Atlantic, NJ	91
New York, New York	Hudson, NJ	Bennington, VT	166
New York, New York	Hudson, NJ	Bergen, NJ	15
New York, New York	Hudson, NJ	Berks, PA	100
New York, New York	Hudson, NJ	Berkshire, MA	123
New York, New York	Hudson, NJ	Bradford, PA	146
New York, New York	Hudson, NJ	Bronx, NY	14
New York, New York	Hudson, NJ	Broome, NY	138
New York, New York	Hudson, NJ	Bucks, PA	62
New York, New York	Hudson, NJ	Burlington, NJ	68
New York, New York	Hudson, NJ	Camden, NJ	81
New York, New York	Hudson, NJ	Cape May, NJ	118
New York, New York	Hudson, NJ	Carbon, PA	89
New York, New York	Hudson, NJ	Cayuga, NY	205
New York, New York	Hudson, NJ	Cecil, MD	128
New York, New York	Hudson, NJ	Chemung, NY	170
New York, New York	Hudson, NJ	Chenango, NY	145
New York, New York	Hudson, NJ	Cheshire, NH	178
New York, New York	Hudson, NJ	Chester, PA	101
New York, New York	Hudson, NJ	Clinton, PA	193
New York, New York	Hudson, NJ	Columbia, NY	107
New York, New York	Hudson, NJ	Columbia, PA	123
New York, New York	Hudson, NJ	Cortland, NY	165
New York, New York	Hudson, NJ	Cumberland, NJ	109
New York, New York	Hudson, NJ	Cumberland, PA	176
New York, New York	Hudson, NJ	Dauphin, PA	147
New York, New York	Hudson, NJ	Delaware, NY	110
New York, New York	Hudson, NJ	Delaware, PA	88
New York, New York	Hudson, NJ	Dutchess, NY	73
New York, New York	Hudson, NJ	Essex, NJ	10
New York, New York	Hudson, NJ	Fairfield, CT	57
New York, New York	Hudson, NJ	Franklin, MA	146
New York, New York	Hudson, NJ	Gloucester, NJ	91
New York, New York	Hudson, NJ	Greene, NY	107
New York, New York	Hudson, NJ	Hampden, MA	125
New York, New York	Hudson, NJ	Hampshire, MA	133
New York, New York	Hudson, NJ	Harford, MD	144
New York, New York	Hudson, NJ	Hartford, CT	101
New York, New York	Hudson, NJ	Herkimer, NY	194
New York, New York	Hudson, NJ	Hudson, NJ	3
New York, New York	Hudson, NJ	Hunterdon, NJ	47
New York, New York	Hudson, NJ	Juniata, PA	181
New York, New York	Hudson, NJ	Kent, DE	138
New York, New York	Hudson, NJ	Kent, MD	153
New York, New York	Hudson, NJ	Kings, NY	9
New York, New York	Hudson, NJ	Lackawanna, PA	94
New York, New York	Hudson, NJ	Lancaster, PA	124
New York, New York	Hudson, NJ	Lebanon, PA	127
New York, New York	Hudson, NJ	Lehigh, PA	80

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	Hudson, NJ	Litchfield, CT	83
New York, New York	Hudson, NJ	Luzerne, PA	103
New York, New York	Hudson, NJ	Lycoming, PA	161
New York, New York	Hudson, NJ	Madison, NY	176
New York, New York	Hudson, NJ	Mercer, NJ	45
New York, New York	Hudson, NJ	Middlesex, CT	95
New York, New York	Hudson, NJ	Middlesex, NJ	27
New York, New York	Hudson, NJ	Monmouth, NJ	32
New York, New York	Hudson, NJ	Monroe, PA	67
New York, New York	Hudson, NJ	Montgomery, NY	152
New York, New York	Hudson, NJ	Montgomery, PA	77
New York, New York	Hudson, NJ	Montour, PA	137
New York, New York	Hudson, NJ	Morris, NJ	28
New York, New York	Hudson, NJ	Nassau, NY	26
New York, New York	Hudson, NJ	New Castle, DE	117
New York, New York	Hudson, NJ	New Haven, CT	77
New York, New York	Hudson, NJ	New London, CT	118
New York, New York	Hudson, NJ	New York, NY	6
New York, New York	Hudson, NJ	Northampton, PA	69
New York, New York	Hudson, NJ	Northumberland, PA	137
New York, New York	Hudson, NJ	Ocean, NJ	63
New York, New York	Hudson, NJ	Oneida, NY	188
New York, New York	Hudson, NJ	Onondaga, NY	193
New York, New York	Hudson, NJ	Orange, NY	47
New York, New York	Hudson, NJ	Otsego, NY	138
New York, New York	Hudson, NJ	Passaic, NJ	23
New York, New York	Hudson, NJ	Perry, PA	170
New York, New York	Hudson, NJ	Philadelphia, PA	76
New York, New York	Hudson, NJ	Pike, PA	66
New York, New York	Hudson, NJ	Potter, PA	211
New York, New York	Hudson, NJ	Putnam, NY	51
New York, New York	Hudson, NJ	Queens, NY	15
New York, New York	Hudson, NJ	Rensselaer, NY	140
New York, New York	Hudson, NJ	Rockland, NY	30
New York, New York	Hudson, NJ	Rutland, VT	204
New York, New York	Hudson, NJ	Salem, NJ	103
New York, New York	Hudson, NJ	Saratoga, NY	163
New York, New York	Hudson, NJ	Schenectady, NY	145
New York, New York	Hudson, NJ	Schoharie, NY	130
New York, New York	Hudson, NJ	Schuylkill, PA	109
New York, New York	Hudson, NJ	Snyder, PA	159
New York, New York	Hudson, NJ	Somerset, NJ	31
New York, New York	Hudson, NJ	Suffolk, NY	68
New York, New York	Hudson, NJ	Sullivan, NY	78
New York, New York	Hudson, NJ	Sullivan, PA	136
New York, New York	Hudson, NJ	Susquehanna, PA	117
New York, New York	Hudson, NJ	Sussex, NJ	43
New York, New York	Hudson, NJ	Tioga, NY	154
New York, New York	Hudson, NJ	Tioga, PA	180

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	Hudson, NJ	Tolland, CT	118
New York, New York	Hudson, NJ	Tompkins, NY	171
New York, New York	Hudson, NJ	Ulster, NY	80
New York, New York	Hudson, NJ	Union, NJ	12
New York, New York	Hudson, NJ	Union, PA	157
New York, New York	Hudson, NJ	Warren, NJ	47
New York, New York	Hudson, NJ	Washington, NY	186
New York, New York	Hudson, NJ	Wayne, PA	87
New York, New York	Hudson, NJ	Westchester, NY	31
New York, New York	Hudson, NJ	Windham, VT	171
New York, New York	Hudson, NJ	Windsor, VT	213
New York, New York	Hudson, NJ	Worcester, MA	157
New York, New York	Hudson, NJ	Wyoming, PA	114
New York, New York	Hudson, NJ	York, PA	150
New York, New York	Kings, NY	Albany, NY	136
New York, New York	Kings, NY	Atlantic, NJ	89
New York, New York	Kings, NY	Bennington, VT	169
New York, New York	Kings, NY	Bergen, NJ	21
New York, New York	Kings, NY	Berks, PA	106
New York, New York	Kings, NY	Berkshire, MA	126
New York, New York	Kings, NY	Bradford, PA	154
New York, New York	Kings, NY	Bronx, NY	15
New York, New York	Kings, NY	Broome, NY	146
New York, New York	Kings, NY	Bucks, PA	66
New York, New York	Kings, NY	Burlington, NJ	67
New York, New York	Kings, NY	Camden, NJ	81
New York, New York	Kings, NY	Cape May, NJ	115
New York, New York	Kings, NY	Carbon, PA	97
New York, New York	Kings, NY	Cayuga, NY	213
New York, New York	Kings, NY	Cecil, MD	130
New York, New York	Kings, NY	Chemung, NY	179
New York, New York	Kings, NY	Chenango, NY	153
New York, New York	Kings, NY	Cheshire, NH	180
New York, New York	Kings, NY	Chester, PA	104
New York, New York	Kings, NY	Clinton, PA	201
New York, New York	Kings, NY	Columbia, NY	111
New York, New York	Kings, NY	Columbia, PA	131
New York, New York	Kings, NY	Cortland, NY	174
New York, New York	Kings, NY	Cumberland, NJ	109
New York, New York	Kings, NY	Cumberland, PA	181
New York, New York	Kings, NY	Dauphin, PA	153
New York, New York	Kings, NY	Delaware, NY	118
New York, New York	Kings, NY	Delaware, PA	91
New York, New York	Kings, NY	Dutchess, NY	77
New York, New York	Kings, NY	Essex, NJ	19
New York, New York	Kings, NY	Fairfield, CT	57
New York, New York	Kings, NY	Franklin, MA	148
New York, New York	Kings, NY	Gloucester, NJ	92
New York, New York	Kings, NY	Greene, NY	113

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	Kings, NY	Hampden, MA	125
New York, New York	Kings, NY	Hampshire, MA	135
New York, New York	Kings, NY	Harford, MD	147
New York, New York	Kings, NY	Hartford, CT	100
New York, New York	Kings, NY	Herkimer, NY	201
New York, New York	Kings, NY	Hudson, NJ	9
New York, New York	Kings, NY	Hunterdon, NJ	53
New York, New York	Kings, NY	Juniata, PA	187
New York, New York	Kings, NY	Kent, DE	138
New York, New York	Kings, NY	Kent, MD	155
New York, New York	Kings, NY	Kings, NY	5
New York, New York	Kings, NY	Lackawanna, PA	103
New York, New York	Kings, NY	Lancaster, PA	129
New York, New York	Kings, NY	Lebanon, PA	133
New York, New York	Kings, NY	Lehigh, PA	86
New York, New York	Kings, NY	Litchfield, CT	84
New York, New York	Kings, NY	Luzerne, PA	111
New York, New York	Kings, NY	Lycoming, PA	169
New York, New York	Kings, NY	Madison, NY	184
New York, New York	Kings, NY	Mercer, NJ	47
New York, New York	Kings, NY	Middlesex, CT	92
New York, New York	Kings, NY	Middlesex, NJ	28
New York, New York	Kings, NY	Monmouth, NJ	29
New York, New York	Kings, NY	Monroe, PA	75
New York, New York	Kings, NY	Montgomery, NY	158
New York, New York	Kings, NY	Montgomery, PA	81
New York, New York	Kings, NY	Montour, PA	145
New York, New York	Kings, NY	Morris, NJ	36
New York, New York	Kings, NY	Nassau, NY	21
New York, New York	Kings, NY	New Castle, DE	119
New York, New York	Kings, NY	New Haven, CT	75
New York, New York	Kings, NY	New London, CT	114
New York, New York	Kings, NY	New York, NY	9
New York, New York	Kings, NY	Northampton, PA	77
New York, New York	Kings, NY	Northumberland, PA	145
New York, New York	Kings, NY	Ocean, NJ	59
New York, New York	Kings, NY	Oneida, NY	196
New York, New York	Kings, NY	Onondaga, NY	201
New York, New York	Kings, NY	Orange, NY	55
New York, New York	Kings, NY	Otsego, NY	146
New York, New York	Kings, NY	Passaic, NJ	31
New York, New York	Kings, NY	Perry, PA	176
New York, New York	Kings, NY	Philadelphia, PA	78
New York, New York	Kings, NY	Pike, PA	75
New York, New York	Kings, NY	Potter, PA	219
New York, New York	Kings, NY	Putnam, NY	54
New York, New York	Kings, NY	Queens, NY	8
New York, New York	Kings, NY	Rensselaer, NY	144
New York, New York	Kings, NY	Rockland, NY	36

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	Kings, NY	Rutland, VT	207
New York, New York	Kings, NY	Salem, NJ	103
New York, New York	Kings, NY	Saratoga, NY	168
New York, New York	Kings, NY	Schenectady, NY	151
New York, New York	Kings, NY	Schoharie, NY	136
New York, New York	Kings, NY	Schuylkill, PA	116
New York, New York	Kings, NY	Snyder, PA	166
New York, New York	Kings, NY	Somerset, NJ	36
New York, New York	Kings, NY	Suffolk, NY	63
New York, New York	Kings, NY	Sullivan, NY	86
New York, New York	Kings, NY	Sullivan, PA	144
New York, New York	Kings, NY	Susquehanna, PA	126
New York, New York	Kings, NY	Sussex, NJ	51
New York, New York	Kings, NY	Tioga, NY	163
New York, New York	Kings, NY	Tioga, PA	189
New York, New York	Kings, NY	Tolland, CT	116
New York, New York	Kings, NY	Tompkins, NY	180
New York, New York	Kings, NY	Ulster, NY	86
New York, New York	Kings, NY	Union, NJ	17
New York, New York	Kings, NY	Union, PA	164
New York, New York	Kings, NY	Warren, NJ	55
New York, New York	Kings, NY	Washington, NY	190
New York, New York	Kings, NY	Wayne, PA	95
New York, New York	Kings, NY	Westchester, NY	34
New York, New York	Kings, NY	Windham, VT	173
New York, New York	Kings, NY	Windsor, VT	215
New York, New York	Kings, NY	Worcester, MA	157
New York, New York	Kings, NY	Wyoming, PA	123
New York, New York	Kings, NY	York, PA	155
New York, New York	New Haven, CT	Albany, NY	100
New York, New York	New Haven, CT	Atlantic, NJ	161
New York, New York	New Haven, CT	Bennington, VT	113
New York, New York	New Haven, CT	Bergen, NJ	66
New York, New York	New Haven, CT	Berks, PA	172
New York, New York	New Haven, CT	Berkshire, MA	70
New York, New York	New Haven, CT	Bradford, PA	188
New York, New York	New Haven, CT	Bronx, NY	63
New York, New York	New Haven, CT	Broome, NY	162
New York, New York	New Haven, CT	Bucks, PA	138
New York, New York	New Haven, CT	Burlington, NJ	142
New York, New York	New Haven, CT	Camden, NJ	156
New York, New York	New Haven, CT	Cape May, NJ	187
New York, New York	New Haven, CT	Carbon, PA	151
New York, New York	New Haven, CT	Cayuga, NY	220
New York, New York	New Haven, CT	Cecil, MD	204
New York, New York	New Haven, CT	Chemung, NY	205
New York, New York	New Haven, CT	Chenango, NY	158
New York, New York	New Haven, CT	Cheshire, NH	111
New York, New York	New Haven, CT	Chester, PA	177

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	New Haven, CT	Clinton, PA	250
New York, New York	New Haven, CT	Columbia, NY	69
New York, New York	New Haven, CT	Columbia, PA	183
New York, New York	New Haven, CT	Cortland, NY	182
New York, New York	New Haven, CT	Cumberland, NJ	183
New York, New York	New Haven, CT	Cumberland, PA	247
New York, New York	New Haven, CT	Dauphin, PA	217
New York, New York	New Haven, CT	Delaware, NY	118
New York, New York	New Haven, CT	Delaware, PA	165
New York, New York	New Haven, CT	Dutchess, NY	49
New York, New York	New Haven, CT	Essex, NJ	82
New York, New York	New Haven, CT	Fairfield, CT	22
New York, New York	New Haven, CT	Franklin, MA	79
New York, New York	New Haven, CT	Gloucester, NJ	167
New York, New York	New Haven, CT	Greene, NY	87
New York, New York	New Haven, CT	Hampden, MA	55
New York, New York	New Haven, CT	Hampshire, MA	67
New York, New York	New Haven, CT	Harford, MD	221
New York, New York	New Haven, CT	Hartford, CT	28
New York, New York	New Haven, CT	Herkimer, NY	176
New York, New York	New Haven, CT	Hudson, NJ	77
New York, New York	New Haven, CT	Hunterdon, NJ	121
New York, New York	New Haven, CT	Juniata, PA	248
New York, New York	New Haven, CT	Kent, DE	213
New York, New York	New Haven, CT	Kent, MD	230
New York, New York	New Haven, CT	Kings, NY	75
New York, New York	New Haven, CT	Lackawanna, PA	142
New York, New York	New Haven, CT	Lancaster, PA	199
New York, New York	New Haven, CT	Lebanon, PA	198
New York, New York	New Haven, CT	Lehigh, PA	150
New York, New York	New Haven, CT	Litchfield, CT	30
New York, New York	New Haven, CT	Luzerne, PA	159
New York, New York	New Haven, CT	Lycoming, PA	215
New York, New York	New Haven, CT	Madison, NY	180
New York, New York	New Haven, CT	Mercer, NJ	121
New York, New York	New Haven, CT	Middlesex, CT	20
New York, New York	New Haven, CT	Middlesex, NJ	103
New York, New York	New Haven, CT	Monmouth, NJ	103
New York, New York	New Haven, CT	Monroe, PA	127
New York, New York	New Haven, CT	Montgomery, NY	130
New York, New York	New Haven, CT	Montgomery, PA	153
New York, New York	New Haven, CT	Montour, PA	197
New York, New York	New Haven, CT	Morris, NJ	94
New York, New York	New Haven, CT	Nassau, NY	57
New York, New York	New Haven, CT	New Castle, DE	193
New York, New York	New Haven, CT	New Haven, CT	13
New York, New York	New Haven, CT	New London, CT	45
New York, New York	New Haven, CT	New York, NY	70
New York, New York	New Haven, CT	Northampton, PA	137

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	New Haven, CT	Northumberland, PA	200
New York, New York	New Haven, CT	Ocean, NJ	130
New York, New York	New Haven, CT	Oneida, NY	183
New York, New York	New Haven, CT	Onondaga, NY	202
New York, New York	New Haven, CT	Orange, NY	74
New York, New York	New Haven, CT	Otsego, NY	135
New York, New York	New Haven, CT	Passaic, NJ	78
New York, New York	New Haven, CT	Perry, PA	239
New York, New York	New Haven, CT	Philadelphia, PA	152
New York, New York	New Haven, CT	Pike, PA	111
New York, New York	New Haven, CT	Potter, PA	259
New York, New York	New Haven, CT	Putnam, NY	44
New York, New York	New Haven, CT	Queens, NY	69
New York, New York	New Haven, CT	Rensselaer, NY	95
New York, New York	New Haven, CT	Rockland, NY	62
New York, New York	New Haven, CT	Rutland, VT	150
New York, New York	New Haven, CT	Salem, NJ	178
New York, New York	New Haven, CT	Saratoga, NY	126
New York, New York	New Haven, CT	Schenectady, NY	114
New York, New York	New Haven, CT	Schoharie, NY	113
New York, New York	New Haven, CT	Schuylkill, PA	176
New York, New York	New Haven, CT	Snyder, PA	223
New York, New York	New Haven, CT	Somerset, NJ	107
New York, New York	New Haven, CT	Suffolk, NY	32
New York, New York	New Haven, CT	Sullivan, NY	100
New York, New York	New Haven, CT	Sullivan, PA	187
New York, New York	New Haven, CT	Susquehanna, PA	152
New York, New York	New Haven, CT	Sussex, NJ	95
New York, New York	New Haven, CT	Tioga, NY	184
New York, New York	New Haven, CT	Tioga, PA	226
New York, New York	New Haven, CT	Tolland, CT	41
New York, New York	New Haven, CT	Tompkins, NY	197
New York, New York	New Haven, CT	Ulster, NY	74
New York, New York	New Haven, CT	Union, NJ	88
New York, New York	New Haven, CT	Union, PA	217
New York, New York	New Haven, CT	Warren, NJ	114
New York, New York	New Haven, CT	Washington, NY	139
New York, New York	New Haven, CT	Wayne, PA	122
New York, New York	New Haven, CT	Westchester, NY	49
New York, New York	New Haven, CT	Windham, VT	110
New York, New York	New Haven, CT	Windsor, VT	152
New York, New York	New Haven, CT	Worcester, MA	82
New York, New York	New Haven, CT	Wyoming, PA	161
New York, New York	New Haven, CT	York, PA	224
New York, New York	New York, NY	Albany, NY	127
New York, New York	New York, NY	Atlantic, NJ	96
New York, New York	New York, NY	Bennington, VT	161
New York, New York	New York, NY	Bergen, NJ	12
New York, New York	New York, NY	Berks, PA	106

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	New York, NY	Berkshire, MA	118
New York, New York	New York, NY	Bradford, PA	149
New York, New York	New York, NY	Bronx, NY	7
New York, New York	New York, NY	Broome, NY	139
New York, New York	New York, NY	Bucks, PA	69
New York, New York	New York, NY	Burlington, NJ	74
New York, New York	New York, NY	Camden, NJ	87
New York, New York	New York, NY	Cape May, NJ	123
New York, New York	New York, NY	Carbon, PA	94
New York, New York	New York, NY	Cayuga, NY	206
New York, New York	New York, NY	Cecil, MD	134
New York, New York	New York, NY	Chemung, NY	173
New York, New York	New York, NY	Chenango, NY	145
New York, New York	New York, NY	Cheshire, NH	173
New York, New York	New York, NY	Chester, PA	107
New York, New York	New York, NY	Clinton, PA	198
New York, New York	New York, NY	Columbia, NY	102
New York, New York	New York, NY	Columbia, PA	128
New York, New York	New York, NY	Cortland, NY	166
New York, New York	New York, NY	Cumberland, NJ	115
New York, New York	New York, NY	Cumberland, PA	182
New York, New York	New York, NY	Dauphin, PA	153
New York, New York	New York, NY	Delaware, NY	110
New York, New York	New York, NY	Delaware, PA	95
New York, New York	New York, NY	Dutchess, NY	69
New York, New York	New York, NY	Essex, NJ	15
New York, New York	New York, NY	Fairfield, CT	50
New York, New York	New York, NY	Franklin, MA	141
New York, New York	New York, NY	Gloucester, NJ	97
New York, New York	New York, NY	Greene, NY	104
New York, New York	New York, NY	Hampden, MA	119
New York, New York	New York, NY	Hampshire, MA	128
New York, New York	New York, NY	Harford, MD	151
New York, New York	New York, NY	Hartford, CT	94
New York, New York	New York, NY	Herkimer, NY	192
New York, New York	New York, NY	Hudson, NJ	6
New York, New York	New York, NY	Hunterdon, NJ	54
New York, New York	New York, NY	Juniata, PA	187
New York, New York	New York, NY	Kent, DE	144
New York, New York	New York, NY	Kent, MD	160
New York, New York	New York, NY	Kings, NY	9
New York, New York	New York, NY	Lackawanna, PA	97
New York, New York	New York, NY	Lancaster, PA	131
New York, New York	New York, NY	Lebanon, PA	133
New York, New York	New York, NY	Lehigh, PA	86
New York, New York	New York, NY	Litchfield, CT	77
New York, New York	New York, NY	Luzerne, PA	107
New York, New York	New York, NY	Lycoming, PA	165
New York, New York	New York, NY	Madison, NY	175

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	New York, NY	Mercer, NJ	51
New York, New York	New York, NY	Middlesex, CT	89
New York, New York	New York, NY	Middlesex, NJ	33
New York, New York	New York, NY	Monmouth, NJ	37
New York, New York	New York, NY	Monroe, PA	71
New York, New York	New York, NY	Montgomery, NY	149
New York, New York	New York, NY	Montgomery, PA	83
New York, New York	New York, NY	Montour, PA	142
New York, New York	New York, NY	Morris, NJ	32
New York, New York	New York, NY	Nassau, NY	21
New York, New York	New York, NY	New Castle, DE	123
New York, New York	New York, NY	New Haven, CT	70
New York, New York	New York, NY	New London, CT	111
New York, New York	New York, NY	New York, NY	3
New York, New York	New York, NY	Northampton, PA	75
New York, New York	New York, NY	Northumberland, PA	143
New York, New York	New York, NY	Ocean, NJ	67
New York, New York	New York, NY	Oneida, NY	187
New York, New York	New York, NY	Onondaga, NY	193
New York, New York	New York, NY	Orange, NY	46
New York, New York	New York, NY	Otsego, NY	137
New York, New York	New York, NY	Passaic, NJ	24
New York, New York	New York, NY	Perry, PA	176
New York, New York	New York, NY	Philadelphia, PA	82
New York, New York	New York, NY	Pike, PA	68
New York, New York	New York, NY	Potter, PA	215
New York, New York	New York, NY	Putnam, NY	46
New York, New York	New York, NY	Queens, NY	12
New York, New York	New York, NY	Rensselaer, NY	136
New York, New York	New York, NY	Rockland, NY	27
New York, New York	New York, NY	Rutland, VT	199
New York, New York	New York, NY	Salem, NJ	109
New York, New York	New York, NY	Saratoga, NY	159
New York, New York	New York, NY	Schenectady, NY	142
New York, New York	New York, NY	Schoharie, NY	127
New York, New York	New York, NY	Schuylkill, PA	115
New York, New York	New York, NY	Snyder, PA	164
New York, New York	New York, NY	Somerset, NJ	38
New York, New York	New York, NY	Suffolk, NY	62
New York, New York	New York, NY	Sullivan, NY	78
New York, New York	New York, NY	Sullivan, PA	140
New York, New York	New York, NY	Susquehanna, PA	119
New York, New York	New York, NY	Sussex, NJ	45
New York, New York	New York, NY	Tioga, NY	156
New York, New York	New York, NY	Tioga, PA	184
New York, New York	New York, NY	Tolland, CT	111
New York, New York	New York, NY	Tompkins, NY	173
New York, New York	New York, NY	Ulster, NY	77
New York, New York	New York, NY	Union, NJ	18

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	New York, NY	Union, PA	162
New York, New York	New York, NY	Warren, NJ	52
New York, New York	New York, NY	Washington, NY	181
New York, New York	New York, NY	Wayne, PA	88
New York, New York	New York, NY	Westchester, NY	26
New York, New York	New York, NY	Windham, VT	166
New York, New York	New York, NY	Windsor, VT	207
New York, New York	New York, NY	Worcester, MA	151
New York, New York	New York, NY	Wyoming, PA	118
New York, New York	New York, NY	York, PA	157
New York, New York	Union, NJ	Albany, NY	136
New York, New York	Union, NJ	Atlantic, NJ	83
New York, New York	Union, NJ	Bennington, VT	174
New York, New York	Union, NJ	Bergen, NJ	23
New York, New York	Union, NJ	Berks, PA	89
New York, New York	Union, NJ	Berkshire, MA	132
New York, New York	Union, NJ	Bradford, PA	139
New York, New York	Union, NJ	Bronx, NY	25
New York, New York	Union, NJ	Broome, NY	135
New York, New York	Union, NJ	Bucks, PA	51
New York, New York	Union, NJ	Burlington, NJ	60
New York, New York	Union, NJ	Camden, NJ	71
New York, New York	Union, NJ	Cape May, NJ	110
New York, New York	Union, NJ	Carbon, PA	79
New York, New York	Union, NJ	Cayuga, NY	202
New York, New York	Union, NJ	Cecil, MD	117
New York, New York	Union, NJ	Chemung, NY	165
New York, New York	Union, NJ	Chenango, NY	143
New York, New York	Union, NJ	Cheshire, NH	188
New York, New York	Union, NJ	Chester, PA	89
New York, New York	Union, NJ	Clinton, PA	184
New York, New York	Union, NJ	Columbia, NY	114
New York, New York	Union, NJ	Columbia, PA	114
New York, New York	Union, NJ	Cortland, NY	163
New York, New York	Union, NJ	Cumberland, NJ	100
New York, New York	Union, NJ	Cumberland, PA	164
New York, New York	Union, NJ	Dauphin, PA	136
New York, New York	Union, NJ	Delaware, NY	111
New York, New York	Union, NJ	Delaware, PA	77
New York, New York	Union, NJ	Dutchess, NY	81
New York, New York	Union, NJ	Essex, NJ	9
New York, New York	Union, NJ	Fairfield, CT	67
New York, New York	Union, NJ	Franklin, MA	156
New York, New York	Union, NJ	Gloucester, NJ	81
New York, New York	Union, NJ	Greene, NY	112
New York, New York	Union, NJ	Hampden, MA	135
New York, New York	Union, NJ	Hampshire, MA	143
New York, New York	Union, NJ	Harford, MD	133
New York, New York	Union, NJ	Hartford, CT	111

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	Union, NJ	Herkimer, NY	196
New York, New York	Union, NJ	Hudson, NJ	12
New York, New York	Union, NJ	Hunterdon, NJ	36
New York, New York	Union, NJ	Juniata, PA	170
New York, New York	Union, NJ	Kent, DE	128
New York, New York	Union, NJ	Kent, MD	143
New York, New York	Union, NJ	Kings, NY	17
New York, New York	Union, NJ	Lackawanna, PA	88
New York, New York	Union, NJ	Lancaster, PA	113
New York, New York	Union, NJ	Lebanon, PA	116
New York, New York	Union, NJ	Lehigh, PA	69
New York, New York	Union, NJ	Litchfield, CT	92
New York, New York	Union, NJ	Luzerne, PA	94
New York, New York	Union, NJ	Lycoming, PA	152
New York, New York	Union, NJ	Madison, NY	175
New York, New York	Union, NJ	Mercer, NJ	34
New York, New York	Union, NJ	Middlesex, CT	106
New York, New York	Union, NJ	Middlesex, NJ	17
New York, New York	Union, NJ	Monmouth, NJ	27
New York, New York	Union, NJ	Monroe, PA	59
New York, New York	Union, NJ	Montgomery, NY	155
New York, New York	Union, NJ	Montgomery, PA	65
New York, New York	Union, NJ	Montour, PA	128
New York, New York	Union, NJ	Morris, NJ	21
New York, New York	Union, NJ	Nassau, NY	37
New York, New York	Union, NJ	New Castle, DE	106
New York, New York	Union, NJ	New Haven, CT	88
New York, New York	Union, NJ	New London, CT	129
New York, New York	Union, NJ	New York, NY	18
New York, New York	Union, NJ	Northampton, PA	59
New York, New York	Union, NJ	Northumberland, PA	127
New York, New York	Union, NJ	Ocean, NJ	57
New York, New York	Union, NJ	Oneida, NY	189
New York, New York	Union, NJ	Onondaga, NY	191
New York, New York	Union, NJ	Orange, NY	50
New York, New York	Union, NJ	Otsego, NY	140
New York, New York	Union, NJ	Passaic, NJ	24
New York, New York	Union, NJ	Perry, PA	159
New York, New York	Union, NJ	Philadelphia, PA	65
New York, New York	Union, NJ	Pike, PA	62
New York, New York	Union, NJ	Potter, PA	203
New York, New York	Union, NJ	Putnam, NY	59
New York, New York	Union, NJ	Queens, NY	25
New York, New York	Union, NJ	Rensselaer, NY	147
New York, New York	Union, NJ	Rockland, NY	36
New York, New York	Union, NJ	Rutland, VT	211
New York, New York	Union, NJ	Salem, NJ	93
New York, New York	Union, NJ	Saratoga, NY	169
New York, New York	Union, NJ	Schenectady, NY	150

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
New York, New York	Union, NJ	Schoharie, NY	134
New York, New York	Union, NJ	Schuylkill, PA	99
New York, New York	Union, NJ	Snyder, PA	149
New York, New York	Union, NJ	Somerset, NJ	20
New York, New York	Union, NJ	Suffolk, NY	79
New York, New York	Union, NJ	Sullivan, NY	78
New York, New York	Union, NJ	Sullivan, PA	128
New York, New York	Union, NJ	Susquehanna, PA	113
New York, New York	Union, NJ	Sussex, NJ	39
New York, New York	Union, NJ	Tioga, NY	150
New York, New York	Union, NJ	Tioga, PA	173
New York, New York	Union, NJ	Tolland, CT	129
New York, New York	Union, NJ	Tompkins, NY	168
New York, New York	Union, NJ	Ulster, NY	84
New York, New York	Union, NJ	Union, NJ	6
New York, New York	Union, NJ	Union, PA	147
New York, New York	Union, NJ	Warren, NJ	38
New York, New York	Union, NJ	Washington, NY	192
New York, New York	Union, NJ	Wayne, PA	83
New York, New York	Union, NJ	Westchester, NY	41
New York, New York	Union, NJ	Windham, VT	180
New York, New York	Union, NJ	Windsor, VT	221
New York, New York	Union, NJ	Worcester, MA	168
New York, New York	Union, NJ	Wyoming, PA	108
New York, New York	Union, NJ	York, PA	139
Nogales, AZ	Santa Cruz, AZ	Apache, AZ	268
Nogales, AZ	Santa Cruz, AZ	Archuleta, CO	447
Nogales, AZ	Santa Cruz, AZ	Bernalillo, NM	341
Nogales, AZ	Santa Cruz, AZ	Catron, NM	216
Nogales, AZ	Santa Cruz, AZ	Cibola, NM	295
Nogales, AZ	Santa Cruz, AZ	Clark, NV	397
Nogales, AZ	Santa Cruz, AZ	Cochise, AZ	67
Nogales, AZ	Santa Cruz, AZ	Coconino, AZ	292
Nogales, AZ	Santa Cruz, AZ	Dolores, CO	446
Nogales, AZ	Santa Cruz, AZ	Dona Ana, NM	241
Nogales, AZ	Santa Cruz, AZ	El Paso, TX	273
Nogales, AZ	Santa Cruz, AZ	Emery, UT	524
Nogales, AZ	Santa Cruz, AZ	Garfield, UT	439
Nogales, AZ	Santa Cruz, AZ	Gila, AZ	152
Nogales, AZ	Santa Cruz, AZ	Graham, AZ	116
Nogales, AZ	Santa Cruz, AZ	Grand, UT	521
Nogales, AZ	Santa Cruz, AZ	Grant, NM	164
Nogales, AZ	Santa Cruz, AZ	Greenlee, AZ	141
Nogales, AZ	Santa Cruz, AZ	Hidalgo, NM	124
Nogales, AZ	Santa Cruz, AZ	Imperial, CA	285
Nogales, AZ	Santa Cruz, AZ	Inyo, CA	521
Nogales, AZ	Santa Cruz, AZ	Kane, UT	402
Nogales, AZ	Santa Cruz, AZ	Kern, CA	526
Nogales, AZ	Santa Cruz, AZ	La Paz, AZ	235

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Nogales, AZ	Santa Cruz, AZ	La Plata, CO	435
Nogales, AZ	Santa Cruz, AZ	Lincoln, NM	346
Nogales, AZ	Santa Cruz, AZ	Lincoln, NV	491
Nogales, AZ	Santa Cruz, AZ	Los Angeles, CA	460
Nogales, AZ	Santa Cruz, AZ	Luna, NM	185
Nogales, AZ	Santa Cruz, AZ	Maricopa, AZ	166
Nogales, AZ	Santa Cruz, AZ	McKinley, NM	313
Nogales, AZ	Santa Cruz, AZ	Mesa, CO	527
Nogales, AZ	Santa Cruz, AZ	Mohave, AZ	336
Nogales, AZ	Santa Cruz, AZ	Montezuma, CO	419
Nogales, AZ	Santa Cruz, AZ	Montrose, CO	497
Nogales, AZ	Santa Cruz, AZ	Navajo, AZ	261
Nogales, AZ	Santa Cruz, AZ	Orange, CA	429
Nogales, AZ	Santa Cruz, AZ	Otero, NM	301
Nogales, AZ	Santa Cruz, AZ	Pima, AZ	65
Nogales, AZ	Santa Cruz, AZ	Pinal, AZ	105
Nogales, AZ	Santa Cruz, AZ	Rio Arriba, NM	412
Nogales, AZ	Santa Cruz, AZ	Riverside, CA	340
Nogales, AZ	Santa Cruz, AZ	San Bernardino, CA	382
Nogales, AZ	Santa Cruz, AZ	San Diego, CA	359
Nogales, AZ	Santa Cruz, AZ	San Juan, CO	470
Nogales, AZ	Santa Cruz, AZ	San Juan, NM	372
Nogales, AZ	Santa Cruz, AZ	San Juan, UT	434
Nogales, AZ	Santa Cruz, AZ	San Miguel, CO	465
Nogales, AZ	Santa Cruz, AZ	Sandoval, NM	371
Nogales, AZ	Santa Cruz, AZ	Santa Cruz, AZ	19
Nogales, AZ	Santa Cruz, AZ	Sierra, NM	240
Nogales, AZ	Santa Cruz, AZ	Socorro, NM	289
Nogales, AZ	Santa Cruz, AZ	Torrance, NM	358
Nogales, AZ	Santa Cruz, AZ	Valencia, NM	316
Nogales, AZ	Santa Cruz, AZ	Washington, UT	428
Nogales, AZ	Santa Cruz, AZ	Wayne, UT	470
Nogales, AZ	Santa Cruz, AZ	Yavapai, AZ	239
Nogales, AZ	Santa Cruz, AZ	Yuma, AZ	202
Oak Ridge, OR	Lane, OR	Ada, ID	328
Oak Ridge, OR	Lane, OR	Adams, ID	314
Oak Ridge, OR	Lane, OR	Baker, OR	251
Oak Ridge, OR	Lane, OR	Benton, OR	55
Oak Ridge, OR	Lane, OR	Benton, WA	228
Oak Ridge, OR	Lane, OR	Box Elder, UT	495
Oak Ridge, OR	Lane, OR	Butte, CA	293
Oak Ridge, OR	Lane, OR	Canyon, ID	305
Oak Ridge, OR	Lane, OR	Carson, NV	361
Oak Ridge, OR	Lane, OR	Cassia, ID	472
Oak Ridge, OR	Lane, OR	Churchill, NV	377
Oak Ridge, OR	Lane, OR	Clackamas, OR	94
Oak Ridge, OR	Lane, OR	Clark, WA	135
Oak Ridge, OR	Lane, OR	Clatsop, OR	157
Oak Ridge, OR	Lane, OR	Columbia, OR	146

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Oak Ridge, OR	Lane, OR	Columbia, WA	290
Oak Ridge, OR	Lane, OR	Coos, OR	83
Oak Ridge, OR	Lane, OR	Cowlitz, WA	156
Oak Ridge, OR	Lane, OR	Crook, OR	122
Oak Ridge, OR	Lane, OR	Curry, OR	121
Oak Ridge, OR	Lane, OR	Del Norte, CA	161
Oak Ridge, OR	Lane, OR	Deschutes, OR	68
Oak Ridge, OR	Lane, OR	Douglas, NV	385
Oak Ridge, OR	Lane, OR	Douglas, OR	38
Oak Ridge, OR	Lane, OR	El Dorado, CA	370
Oak Ridge, OR	Lane, OR	Elko, NV	416
Oak Ridge, OR	Lane, OR	Elmore, ID	362
Oak Ridge, OR	Lane, OR	Eureka, NV	426
Oak Ridge, OR	Lane, OR	Gem, ID	322
Oak Ridge, OR	Lane, OR	Gilliam, OR	165
Oak Ridge, OR	Lane, OR	Glenn, CA	296
Oak Ridge, OR	Lane, OR	Grant, OR	190
Oak Ridge, OR	Lane, OR	Harney, OR	194
Oak Ridge, OR	Lane, OR	Hood River, OR	124
Oak Ridge, OR	Lane, OR	Humboldt, CA	224
Oak Ridge, OR	Lane, OR	Humboldt, NV	295
Oak Ridge, OR	Lane, OR	Jackson, OR	94
Oak Ridge, OR	Lane, OR	Jefferson, OR	97
Oak Ridge, OR	Lane, OR	Josephine, OR	111
Oak Ridge, OR	Lane, OR	Klamath, OR	87
Oak Ridge, OR	Lane, OR	Klickitat, WA	167
Oak Ridge, OR	Lane, OR	Lake, CA	328
Oak Ridge, OR	Lane, OR	Lake, OR	129
Oak Ridge, OR	Lane, OR	Lander, NV	394
Oak Ridge, OR	Lane, OR	Lane, OR	37
Oak Ridge, OR	Lane, OR	Lassen, CA	259
Oak Ridge, OR	Lane, OR	Lewis, WA	189
Oak Ridge, OR	Lane, OR	Lincoln, OR	77
Oak Ridge, OR	Lane, OR	Linn, OR	45
Oak Ridge, OR	Lane, OR	Lyon, NV	381
Oak Ridge, OR	Lane, OR	Malheur, OR	261
Oak Ridge, OR	Lane, OR	Marion, OR	78
Oak Ridge, OR	Lane, OR	Mendocino, CA	312
Oak Ridge, OR	Lane, OR	Mineral, NV	438
Oak Ridge, OR	Lane, OR	Modoc, CA	188
Oak Ridge, OR	Lane, OR	Mono, CA	444
Oak Ridge, OR	Lane, OR	Morrow, OR	191
Oak Ridge, OR	Lane, OR	Multnomah, OR	119
Oak Ridge, OR	Lane, OR	Nevada, CA	331
Oak Ridge, OR	Lane, OR	Nye, NV	543
Oak Ridge, OR	Lane, OR	Owyhee, ID	335
Oak Ridge, OR	Lane, OR	Pacific, WA	189
Oak Ridge, OR	Lane, OR	Payette, ID	295
Oak Ridge, OR	Lane, OR	Pershing, NV	326

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Oak Ridge, OR	Lane, OR	Placer, CA	351
Oak Ridge, OR	Lane, OR	Plumas, CA	284
Oak Ridge, OR	Lane, OR	Polk, OR	79
Oak Ridge, OR	Lane, OR	Sacramento, CA	387
Oak Ridge, OR	Lane, OR	Shasta, CA	220
Oak Ridge, OR	Lane, OR	Sherman, OR	147
Oak Ridge, OR	Lane, OR	Sierra, CA	318
Oak Ridge, OR	Lane, OR	Siskiyou, CA	164
Oak Ridge, OR	Lane, OR	Skamania, WA	151
Oak Ridge, OR	Lane, OR	Sonoma, CA	374
Oak Ridge, OR	Lane, OR	Storey, NV	348
Oak Ridge, OR	Lane, OR	Sutter, CA	339
Oak Ridge, OR	Lane, OR	Tehama, CA	260
Oak Ridge, OR	Lane, OR	Tillamook, OR	117
Oak Ridge, OR	Lane, OR	Tooele, UT	546
Oak Ridge, OR	Lane, OR	Trinity, CA	222
Oak Ridge, OR	Lane, OR	Twin Falls, ID	425
Oak Ridge, OR	Lane, OR	Umatilla, OR	232
Oak Ridge, OR	Lane, OR	Union, OR	255
Oak Ridge, OR	Lane, OR	Wahkiakum, WA	169
Oak Ridge, OR	Lane, OR	Walla Walla, WA	267
Oak Ridge, OR	Lane, OR	Wallowa, OR	300
Oak Ridge, OR	Lane, OR	Wasco, OR	122
Oak Ridge, OR	Lane, OR	Washington, ID	295
Oak Ridge, OR	Lane, OR	Washington, OR	118
Oak Ridge, OR	Lane, OR	Washoe, NV	277
Oak Ridge, OR	Lane, OR	Wheeler, OR	147
Oak Ridge, OR	Lane, OR	White Pine, NV	506
Oak Ridge, OR	Lane, OR	Yakima, WA	213
Oak Ridge, OR	Lane, OR	Yamhill, OR	99
Oak Ridge, OR	Lane, OR	Yuba, CA	324
Paducah, KY	McCracken, KY	Alexander, IL	35
Paducah, KY	McCracken, KY	Ballard, KY	16
Paducah, KY	McCracken, KY	Benton, TN	78
Paducah, KY	McCracken, KY	Bollinger, MO	72
Paducah, KY	McCracken, KY	Butler, KY	114
Paducah, KY	McCracken, KY	Butler, MO	96
Paducah, KY	McCracken, KY	Caldwell, KY	47
Paducah, KY	McCracken, KY	Calloway, KY	41
Paducah, KY	McCracken, KY	Cape Girardeau, MO	54
Paducah, KY	McCracken, KY	Carlisle, KY	21
Paducah, KY	McCracken, KY	Carroll, TN	79
Paducah, KY	McCracken, KY	Cheatham, TN	108
Paducah, KY	McCracken, KY	Chester, TN	115
Paducah, KY	McCracken, KY	Christian, KY	70
Paducah, KY	McCracken, KY	Clay, AR	107
Paducah, KY	McCracken, KY	Craighead, AR	138
Paducah, KY	McCracken, KY	Crittenden, KY	39
Paducah, KY	McCracken, KY	Crockett, TN	90

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Paducah, KY	McCracken, KY	Daviess, KY	102
Paducah, KY	McCracken, KY	Decatur, TN	107
Paducah, KY	McCracken, KY	Dickson, TN	100
Paducah, KY	McCracken, KY	Dunklin, MO	89
Paducah, KY	McCracken, KY	Dyer, TN	82
Paducah, KY	McCracken, KY	Edwards, IL	99
Paducah, KY	McCracken, KY	Franklin, IL	64
Paducah, KY	McCracken, KY	Fulton, KY	40
Paducah, KY	McCracken, KY	Gallatin, IL	53
Paducah, KY	McCracken, KY	Gibson, IN	108
Paducah, KY	McCracken, KY	Gibson, TN	76
Paducah, KY	McCracken, KY	Graves, KY	25
Paducah, KY	McCracken, KY	Greene, AR	121
Paducah, KY	McCracken, KY	Hamilton, IL	70
Paducah, KY	McCracken, KY	Hardeman, TN	130
Paducah, KY	McCracken, KY	Hardin, IL	39
Paducah, KY	McCracken, KY	Hardin, TN	133
Paducah, KY	McCracken, KY	Haywood, TN	107
Paducah, KY	McCracken, KY	Henderson, KY	80
Paducah, KY	McCracken, KY	Henderson, TN	103
Paducah, KY	McCracken, KY	Henry, TN	58
Paducah, KY	McCracken, KY	Hickman, KY	33
Paducah, KY	McCracken, KY	Hickman, TN	113
Paducah, KY	McCracken, KY	Hopkins, KY	65
Paducah, KY	McCracken, KY	Houston, TN	79
Paducah, KY	McCracken, KY	Humphreys, TN	90
Paducah, KY	McCracken, KY	Iron, MO	110
Paducah, KY	McCracken, KY	Jackson, IL	60
Paducah, KY	McCracken, KY	Jefferson, IL	85
Paducah, KY	McCracken, KY	Jefferson, MO	129
Paducah, KY	McCracken, KY	Johnson, IL	26
Paducah, KY	McCracken, KY	Lake, TN	66
Paducah, KY	McCracken, KY	Lauderdale, TN	107
Paducah, KY	McCracken, KY	Lewis, TN	128
Paducah, KY	McCracken, KY	Livingston, KY	23
Paducah, KY	McCracken, KY	Logan, KY	104
Paducah, KY	McCracken, KY	Lyon, KY	36
Paducah, KY	McCracken, KY	Madison, MO	93
Paducah, KY	McCracken, KY	Madison, TN	102
Paducah, KY	McCracken, KY	Marshall, KY	25
Paducah, KY	McCracken, KY	Massac, IL	8
Paducah, KY	McCracken, KY	McCracken, KY	9
Paducah, KY	McCracken, KY	McLean, KY	89
Paducah, KY	McCracken, KY	Mississippi, AR	123
Paducah, KY	McCracken, KY	Mississippi, MO	38
Paducah, KY	McCracken, KY	Monroe, IL	115
Paducah, KY	McCracken, KY	Montgomery, TN	86
Paducah, KY	McCracken, KY	Muhlenberg, KY	88
Paducah, KY	McCracken, KY	New Madrid, MO	62

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Paducah, KY	McCracken, KY	Obion, TN	57
Paducah, KY	McCracken, KY	Ohio, KY	105
Paducah, KY	McCracken, KY	Pemiscot, MO	86
Paducah, KY	McCracken, KY	Perry, IL	77
Paducah, KY	McCracken, KY	Perry, MO	76
Paducah, KY	McCracken, KY	Perry, TN	111
Paducah, KY	McCracken, KY	Pope, IL	19
Paducah, KY	McCracken, KY	Posey, IN	79
Paducah, KY	McCracken, KY	Pulaski, IL	25
Paducah, KY	McCracken, KY	Randolph, IL	88
Paducah, KY	McCracken, KY	Robertson, TN	110
Paducah, KY	McCracken, KY	Saline, IL	47
Paducah, KY	McCracken, KY	Scott, MO	47
Paducah, KY	McCracken, KY	St. Clair, IL	115
Paducah, KY	McCracken, KY	St. Francois, MO	113
Paducah, KY	McCracken, KY	Ste Genevieve, MO	99
Paducah, KY	McCracken, KY	Stewart, TN	64
Paducah, KY	McCracken, KY	Stoddard, MO	71
Paducah, KY	McCracken, KY	Todd, KY	87
Paducah, KY	McCracken, KY	Trigg, KY	49
Paducah, KY	McCracken, KY	Union, IL	39
Paducah, KY	McCracken, KY	Union, KY	60
Paducah, KY	McCracken, KY	Vanderburgh, IN	89
Paducah, KY	McCracken, KY	Wabash, IL	103
Paducah, KY	McCracken, KY	Warrick, IN	104
Paducah, KY	McCracken, KY	Washington, IL	96
Paducah, KY	McCracken, KY	Washington, MO	133
Paducah, KY	McCracken, KY	Wayne, IL	94
Paducah, KY	McCracken, KY	Wayne, MO	98
Paducah, KY	McCracken, KY	Wayne, TN	138
Paducah, KY	McCracken, KY	Weakley, TN	56
Paducah, KY	McCracken, KY	Webster, KY	63
Paducah, KY	McCracken, KY	White, IL	75
Paducah, KY	McCracken, KY	Williamson, IL	46
Parkersburg, WV	Wood, WV	Adams, OH	110
Parkersburg, WV	Wood, WV	Alleghany, VA	131
Parkersburg, WV	Wood, WV	Allegheny, PA	116
Parkersburg, WV	Wood, WV	Ashland, OH	117
Parkersburg, WV	Wood, WV	Athens, OH	32
Parkersburg, WV	Wood, WV	Barbour, WV	79
Parkersburg, WV	Wood, WV	Bath, VA	125
Parkersburg, WV	Wood, WV	Beaver, PA	118
Parkersburg, WV	Wood, WV	Belmont, OH	61
Parkersburg, WV	Wood, WV	Bland, VA	147
Parkersburg, WV	Wood, WV	Boone, WV	85
Parkersburg, WV	Wood, WV	Boyd, KY	87
Parkersburg, WV	Wood, WV	Braxton, WV	54
Parkersburg, WV	Wood, WV	Brooke, WV	89
Parkersburg, WV	Wood, WV	Brown, OH	128

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Parkersburg, WV	Wood, WV	Buchanan, VA	137
Parkersburg, WV	Wood, WV	Cabell, WV	69
Parkersburg, WV	Wood, WV	Calhoun, WV	34
Parkersburg, WV	Wood, WV	Carroll, OH	96
Parkersburg, WV	Wood, WV	Carter, KY	101
Parkersburg, WV	Wood, WV	Champaign, OH	136
Parkersburg, WV	Wood, WV	Clark, OH	131
Parkersburg, WV	Wood, WV	Clay, WV	57
Parkersburg, WV	Wood, WV	Clinton, OH	123
Parkersburg, WV	Wood, WV	Columbiana, OH	113
Parkersburg, WV	Wood, WV	Coshocton, OH	78
Parkersburg, WV	Wood, WV	Delaware, OH	108
Parkersburg, WV	Wood, WV	Doddridge, WV	41
Parkersburg, WV	Wood, WV	Fairfield, OH	70
Parkersburg, WV	Wood, WV	Fayette, OH	106
Parkersburg, WV	Wood, WV	Fayette, PA	110
Parkersburg, WV	Wood, WV	Fayette, WV	84
Parkersburg, WV	Wood, WV	Franklin, OH	96
Parkersburg, WV	Wood, WV	Gallia, OH	55
Parkersburg, WV	Wood, WV	Giles, VA	139
Parkersburg, WV	Wood, WV	Gilmer, WV	43
Parkersburg, WV	Wood, WV	Greenbrier, WV	104
Parkersburg, WV	Wood, WV	Greene, OH	131
Parkersburg, WV	Wood, WV	Greene, PA	82
Parkersburg, WV	Wood, WV	Greenup, KY	90
Parkersburg, WV	Wood, WV	Guernsey, OH	56
Parkersburg, WV	Wood, WV	Hancock, WV	103
Parkersburg, WV	Wood, WV	Harrison, OH	78
Parkersburg, WV	Wood, WV	Harrison, WV	60
Parkersburg, WV	Wood, WV	Highland, OH	113
Parkersburg, WV	Wood, WV	Hocking, OH	56
Parkersburg, WV	Wood, WV	Holmes, OH	95
Parkersburg, WV	Wood, WV	Jackson, OH	61
Parkersburg, WV	Wood, WV	Jackson, WV	29
Parkersburg, WV	Wood, WV	Jefferson, OH	90
Parkersburg, WV	Wood, WV	Kanawha, WV	64
Parkersburg, WV	Wood, WV	Knox, OH	95
Parkersburg, WV	Wood, WV	Lawrence, KY	104
Parkersburg, WV	Wood, WV	Lawrence, OH	70
Parkersburg, WV	Wood, WV	Lewis, KY	113
Parkersburg, WV	Wood, WV	Lewis, WV	57
Parkersburg, WV	Wood, WV	Licking, OH	80
Parkersburg, WV	Wood, WV	Lincoln, WV	80
Parkersburg, WV	Wood, WV	Logan, WV	99
Parkersburg, WV	Wood, WV	Madison, OH	112
Parkersburg, WV	Wood, WV	Marion, OH	129
Parkersburg, WV	Wood, WV	Marion, WV	70
Parkersburg, WV	Wood, WV	Marshall, WV	64
Parkersburg, WV	Wood, WV	Martin, KY	112

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Parkersburg, WV	Wood, WV	Mason, WV	42
Parkersburg, WV	Wood, WV	Mc Dowell, WV	128
Parkersburg, WV	Wood, WV	Meigs, OH	32
Parkersburg, WV	Wood, WV	Mercer, WV	127
Parkersburg, WV	Wood, WV	Mingo, WV	109
Parkersburg, WV	Wood, WV	Monongalia, WV	86
Parkersburg, WV	Wood, WV	Monroe, OH	41
Parkersburg, WV	Wood, WV	Monroe, WV	126
Parkersburg, WV	Wood, WV	Morgan, OH	32
Parkersburg, WV	Wood, WV	Morrow, OH	114
Parkersburg, WV	Wood, WV	Muskingum, OH	57
Parkersburg, WV	Wood, WV	Nicholas, WV	72
Parkersburg, WV	Wood, WV	Noble, OH	38
Parkersburg, WV	Wood, WV	Ohio, WV	77
Parkersburg, WV	Wood, WV	Perry, OH	53
Parkersburg, WV	Wood, WV	Pickaway, OH	87
Parkersburg, WV	Wood, WV	Pike, KY	129
Parkersburg, WV	Wood, WV	Pike, OH	86
Parkersburg, WV	Wood, WV	Pleasants, WV	21
Parkersburg, WV	Wood, WV	Pocahontas, WV	100
Parkersburg, WV	Wood, WV	Preston, WV	98
Parkersburg, WV	Wood, WV	Putnam, WV	55
Parkersburg, WV	Wood, WV	Raleigh, WV	103
Parkersburg, WV	Wood, WV	Randolph, WV	96
Parkersburg, WV	Wood, WV	Richland, OH	121
Parkersburg, WV	Wood, WV	Ritchie, WV	23
Parkersburg, WV	Wood, WV	Roane, WV	35
Parkersburg, WV	Wood, WV	Ross, OH	84
Parkersburg, WV	Wood, WV	Scioto, OH	84
Parkersburg, WV	Wood, WV	Stark, OH	110
Parkersburg, WV	Wood, WV	Summers, WV	114
Parkersburg, WV	Wood, WV	Taylor, WV	78
Parkersburg, WV	Wood, WV	Tazewell, VA	144
Parkersburg, WV	Wood, WV	Tucker, WV	103
Parkersburg, WV	Wood, WV	Tuscarawas, OH	85
Parkersburg, WV	Wood, WV	Tyler, WV	40
Parkersburg, WV	Wood, WV	Union, OH	126
Parkersburg, WV	Wood, WV	Upshur, WV	72
Parkersburg, WV	Wood, WV	Vinton, OH	54
Parkersburg, WV	Wood, WV	Washington, OH	15
Parkersburg, WV	Wood, WV	Washington, PA	96
Parkersburg, WV	Wood, WV	Wayne, WV	91
Parkersburg, WV	Wood, WV	Webster, WV	77
Parkersburg, WV	Wood, WV	Westmoreland, PA	138
Parkersburg, WV	Wood, WV	Wetzel, WV	51
Parkersburg, WV	Wood, WV	Wirt, WV	14
Parkersburg, WV	Wood, WV	Wood, WV	11
Parkersburg, WV	Wood, WV	Wyoming, WV	112
Philadelphia, PA	Berks, PA	Accomack, VA	185

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Philadelphia, PA	Berks, PA	Adams, PA	77
Philadelphia, PA	Berks, PA	Anne Arundel, MD	105
Philadelphia, PA	Berks, PA	Atlantic, NJ	90
Philadelphia, PA	Berks, PA	Baltimore (City), MD	86
Philadelphia, PA	Berks, PA	Baltimore, MD	76
Philadelphia, PA	Berks, PA	Berks, PA	0
Philadelphia, PA	Berks, PA	Bucks, PA	42
Philadelphia, PA	Berks, PA	Burlington, NJ	76
Philadelphia, PA	Berks, PA	Calvert, MD	134
Philadelphia, PA	Berks, PA	Camden, NJ	65
Philadelphia, PA	Berks, PA	Cape May, NJ	107
Philadelphia, PA	Berks, PA	Carbon, PA	38
Philadelphia, PA	Berks, PA	Caroline, MD	105
Philadelphia, PA	Berks, PA	Carroll, MD	83
Philadelphia, PA	Berks, PA	Cecil, MD	60
Philadelphia, PA	Berks, PA	Chester, PA	32
Philadelphia, PA	Berks, PA	Columbia, PA	50
Philadelphia, PA	Berks, PA	Cumberland, NJ	83
Philadelphia, PA	Berks, PA	Cumberland, PA	76
Philadelphia, PA	Berks, PA	Dauphin, PA	48
Philadelphia, PA	Berks, PA	Delaware, PA	44
Philadelphia, PA	Berks, PA	Dorchester, MD	138
Philadelphia, PA	Berks, PA	Franklin, PA	98
Philadelphia, PA	Berks, PA	Frederick, MD	100
Philadelphia, PA	Berks, PA	Gloucester, NJ	64
Philadelphia, PA	Berks, PA	Harford, MD	65
Philadelphia, PA	Berks, PA	Howard, MD	96
Philadelphia, PA	Berks, PA	Hunterdon, NJ	53
Philadelphia, PA	Berks, PA	Huntingdon, PA	111
Philadelphia, PA	Berks, PA	Juniata, PA	83
Philadelphia, PA	Berks, PA	Kent, DE	93
Philadelphia, PA	Berks, PA	Kent, MD	85
Philadelphia, PA	Berks, PA	Lackawanna, PA	70
Philadelphia, PA	Berks, PA	Lancaster, PA	31
Philadelphia, PA	Berks, PA	Lebanon, PA	27
Philadelphia, PA	Berks, PA	Lehigh, PA	23
Philadelphia, PA	Berks, PA	Luzerne, PA	52
Philadelphia, PA	Berks, PA	Lycoming, PA	87
Philadelphia, PA	Berks, PA	Mercer, NJ	67
Philadelphia, PA	Berks, PA	Middlesex, NJ	81
Philadelphia, PA	Berks, PA	Mifflin, PA	91
Philadelphia, PA	Berks, PA	Monmouth, NJ	92
Philadelphia, PA	Berks, PA	Monroe, PA	55
Philadelphia, PA	Berks, PA	Montgomery, MD	112
Philadelphia, PA	Berks, PA	Montgomery, PA	33
Philadelphia, PA	Berks, PA	Montour, PA	58
Philadelphia, PA	Berks, PA	Morris, NJ	78
Philadelphia, PA	Berks, PA	New Castle, DE	60
Philadelphia, PA	Berks, PA	Northampton, PA	37

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Philadelphia, PA	Berks, PA	Northampton, VA	214
Philadelphia, PA	Berks, PA	Northumberland, PA	52
Philadelphia, PA	Berks, PA	Ocean, NJ	95
Philadelphia, PA	Berks, PA	Perry, PA	71
Philadelphia, PA	Berks, PA	Philadelphia, PA	50
Philadelphia, PA	Berks, PA	Prince George's, MD	119
Philadelphia, PA	Berks, PA	Queen Anne's, MD	94
Philadelphia, PA	Berks, PA	Salem, NJ	66
Philadelphia, PA	Berks, PA	Schuylkill, PA	25
Philadelphia, PA	Berks, PA	Snyder, PA	67
Philadelphia, PA	Berks, PA	Somerset, MD	160
Philadelphia, PA	Berks, PA	Somerset, NJ	70
Philadelphia, PA	Berks, PA	Sullivan, PA	77
Philadelphia, PA	Berks, PA	Sussex, DE	121
Philadelphia, PA	Berks, PA	Sussex, NJ	82
Philadelphia, PA	Berks, PA	Talbot, MD	114
Philadelphia, PA	Berks, PA	Union, PA	71
Philadelphia, PA	Berks, PA	Warren, NJ	59
Philadelphia, PA	Berks, PA	Wicomico, MD	140
Philadelphia, PA	Berks, PA	Worcester, MD	154
Philadelphia, PA	Berks, PA	Wyoming, PA	77
Philadelphia, PA	Berks, PA	York, PA	52
Philadelphia, PA	Camden, NJ	Accomack, VA	147
Philadelphia, PA	Camden, NJ	Adams, PA	119
Philadelphia, PA	Camden, NJ	Anne Arundel, MD	102
Philadelphia, PA	Camden, NJ	Atlantic, NJ	26
Philadelphia, PA	Camden, NJ	Baltimore (City), MD	94
Philadelphia, PA	Camden, NJ	Baltimore, MD	91
Philadelphia, PA	Camden, NJ	Berks, PA	65
Philadelphia, PA	Camden, NJ	Bucks, PA	37
Philadelphia, PA	Camden, NJ	Burlington, NJ	17
Philadelphia, PA	Camden, NJ	Calvert, MD	122
Philadelphia, PA	Camden, NJ	Camden, NJ	8
Philadelphia, PA	Camden, NJ	Cape May, NJ	48
Philadelphia, PA	Camden, NJ	Carbon, PA	88
Philadelphia, PA	Camden, NJ	Caroline, MD	78
Philadelphia, PA	Camden, NJ	Carroll, MD	109
Philadelphia, PA	Camden, NJ	Cecil, MD	53
Philadelphia, PA	Camden, NJ	Chester, PA	40
Philadelphia, PA	Camden, NJ	Columbia, PA	113
Philadelphia, PA	Camden, NJ	Cumberland, NJ	31
Philadelphia, PA	Camden, NJ	Cumberland, PA	125
Philadelphia, PA	Camden, NJ	Dauphin, PA	106
Philadelphia, PA	Camden, NJ	Delaware, PA	23
Philadelphia, PA	Camden, NJ	Dorchester, MD	112
Philadelphia, PA	Camden, NJ	Franklin, PA	145
Philadelphia, PA	Camden, NJ	Frederick, MD	129
Philadelphia, PA	Camden, NJ	Gloucester, NJ	11
Philadelphia, PA	Camden, NJ	Harford, MD	71

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Philadelphia, PA	Camden, NJ	Howard, MD	109
Philadelphia, PA	Camden, NJ	Hunterdon, NJ	53
Philadelphia, PA	Camden, NJ	Huntingdon, PA	166
Philadelphia, PA	Camden, NJ	Juniata, PA	141
Philadelphia, PA	Camden, NJ	Kent, DE	58
Philadelphia, PA	Camden, NJ	Kent, MD	75
Philadelphia, PA	Camden, NJ	Lackawanna, PA	116
Philadelphia, PA	Camden, NJ	Lancaster, PA	68
Philadelphia, PA	Camden, NJ	Lebanon, PA	86
Philadelphia, PA	Camden, NJ	Lehigh, PA	64
Philadelphia, PA	Camden, NJ	Luzerne, PA	107
Philadelphia, PA	Camden, NJ	Lycoming, PA	152
Philadelphia, PA	Camden, NJ	Mercer, NJ	37
Philadelphia, PA	Camden, NJ	Middlesex, NJ	54
Philadelphia, PA	Camden, NJ	Mifflin, PA	151
Philadelphia, PA	Camden, NJ	Monmouth, NJ	54
Philadelphia, PA	Camden, NJ	Monroe, PA	87
Philadelphia, PA	Camden, NJ	Montgomery, MD	128
Philadelphia, PA	Camden, NJ	Montgomery, PA	34
Philadelphia, PA	Camden, NJ	Montour, PA	122
Philadelphia, PA	Camden, NJ	Morris, NJ	77
Philadelphia, PA	Camden, NJ	New Castle, DE	40
Philadelphia, PA	Camden, NJ	Northampton, PA	69
Philadelphia, PA	Camden, NJ	Northampton, VA	178
Philadelphia, PA	Camden, NJ	Northumberland, PA	117
Philadelphia, PA	Camden, NJ	Ocean, NJ	37
Philadelphia, PA	Camden, NJ	Perry, PA	128
Philadelphia, PA	Camden, NJ	Philadelphia, PA	16
Philadelphia, PA	Camden, NJ	Prince George's, MD	120
Philadelphia, PA	Camden, NJ	Queen Anne's, MD	75
Philadelphia, PA	Camden, NJ	Salem, NJ	22
Philadelphia, PA	Camden, NJ	Schuylkill, PA	88
Philadelphia, PA	Camden, NJ	Snyder, PA	130
Philadelphia, PA	Camden, NJ	Somerset, MD	123
Philadelphia, PA	Camden, NJ	Somerset, NJ	56
Philadelphia, PA	Camden, NJ	Sullivan, PA	138
Philadelphia, PA	Camden, NJ	Sussex, DE	79
Philadelphia, PA	Camden, NJ	Sussex, NJ	93
Philadelphia, PA	Camden, NJ	Talbot, MD	93
Philadelphia, PA	Camden, NJ	Union, PA	135
Philadelphia, PA	Camden, NJ	Warren, NJ	72
Philadelphia, PA	Camden, NJ	Wicomico, MD	102
Philadelphia, PA	Camden, NJ	Worcester, MD	112
Philadelphia, PA	Camden, NJ	Wyoming, PA	130
Philadelphia, PA	Camden, NJ	York, PA	94
Philadelphia, PA	New Castle, DE	Accomack, VA	126
Philadelphia, PA	New Castle, DE	Adams, PA	86
Philadelphia, PA	New Castle, DE	Anne Arundel, MD	63
Philadelphia, PA	New Castle, DE	Atlantic, NJ	52

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Philadelphia, PA	New Castle, DE	Baltimore (City), MD	54
Philadelphia, PA	New Castle, DE	Baltimore, MD	52
Philadelphia, PA	New Castle, DE	Berks, PA	60
Philadelphia, PA	New Castle, DE	Bucks, PA	60
Philadelphia, PA	New Castle, DE	Burlington, NJ	57
Philadelphia, PA	New Castle, DE	Calvert, MD	86
Philadelphia, PA	New Castle, DE	Camden, NJ	40
Philadelphia, PA	New Castle, DE	Cape May, NJ	56
Philadelphia, PA	New Castle, DE	Carbon, PA	95
Philadelphia, PA	New Castle, DE	Caroline, MD	48
Philadelphia, PA	New Castle, DE	Carroll, MD	71
Philadelphia, PA	New Castle, DE	Cecil, MD	13
Philadelphia, PA	New Castle, DE	Chester, PA	29
Philadelphia, PA	New Castle, DE	Columbia, PA	109
Philadelphia, PA	New Castle, DE	Cumberland, NJ	32
Philadelphia, PA	New Castle, DE	Cumberland, PA	96
Philadelphia, PA	New Castle, DE	Dauphin, PA	84
Philadelphia, PA	New Castle, DE	Delaware, PA	30
Philadelphia, PA	New Castle, DE	Dorchester, MD	82
Philadelphia, PA	New Castle, DE	Franklin, PA	112
Philadelphia, PA	New Castle, DE	Frederick, MD	91
Philadelphia, PA	New Castle, DE	Gloucester, NJ	30
Philadelphia, PA	New Castle, DE	Harford, MD	32
Philadelphia, PA	New Castle, DE	Howard, MD	69
Philadelphia, PA	New Castle, DE	Hunterdon, NJ	79
Philadelphia, PA	New Castle, DE	Huntingdon, PA	138
Philadelphia, PA	New Castle, DE	Juniata, PA	116
Philadelphia, PA	New Castle, DE	Kent, DE	33
Philadelphia, PA	New Castle, DE	Kent, MD	36
Philadelphia, PA	New Castle, DE	Lackawanna, PA	127
Philadelphia, PA	New Castle, DE	Lancaster, PA	43
Philadelphia, PA	New Castle, DE	Lebanon, PA	69
Philadelphia, PA	New Castle, DE	Lehigh, PA	72
Philadelphia, PA	New Castle, DE	Luzerne, PA	112
Philadelphia, PA	New Castle, DE	Lycoming, PA	142
Philadelphia, PA	New Castle, DE	Mercer, NJ	72
Philadelphia, PA	New Castle, DE	Middlesex, NJ	91
Philadelphia, PA	New Castle, DE	Mifflin, PA	127
Philadelphia, PA	New Castle, DE	Monmouth, NJ	93
Philadelphia, PA	New Castle, DE	Monroe, PA	103
Philadelphia, PA	New Castle, DE	Montgomery, MD	89
Philadelphia, PA	New Castle, DE	Montgomery, PA	48
Philadelphia, PA	New Castle, DE	Montour, PA	114
Philadelphia, PA	New Castle, DE	Morris, NJ	107
Philadelphia, PA	New Castle, DE	New Castle, DE	11
Philadelphia, PA	New Castle, DE	Northampton, PA	83
Philadelphia, PA	New Castle, DE	Northampton, VA	156
Philadelphia, PA	New Castle, DE	Northumberland, PA	106
Philadelphia, PA	New Castle, DE	Ocean, NJ	76

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Philadelphia, PA	New Castle, DE	Perry, PA	103
Philadelphia, PA	New Castle, DE	Philadelphia, PA	41
Philadelphia, PA	New Castle, DE	Prince George's, MD	81
Philadelphia, PA	New Castle, DE	Queen Anne's, MD	40
Philadelphia, PA	New Castle, DE	Salem, NJ	20
Philadelphia, PA	New Castle, DE	Schuylkill, PA	84
Philadelphia, PA	New Castle, DE	Snyder, PA	112
Philadelphia, PA	New Castle, DE	Somerset, MD	101
Philadelphia, PA	New Castle, DE	Somerset, NJ	89
Philadelphia, PA	New Castle, DE	Sullivan, PA	137
Philadelphia, PA	New Castle, DE	Sussex, DE	61
Philadelphia, PA	New Castle, DE	Sussex, NJ	120
Philadelphia, PA	New Castle, DE	Talbot, MD	60
Philadelphia, PA	New Castle, DE	Union, PA	122
Philadelphia, PA	New Castle, DE	Warren, NJ	96
Philadelphia, PA	New Castle, DE	Wicomico, MD	81
Philadelphia, PA	New Castle, DE	Worcester, MD	94
Philadelphia, PA	New Castle, DE	Wyoming, PA	136
Philadelphia, PA	New Castle, DE	York, PA	63
Philadelphia, PA	Philadelphia, PA	Accomack, VA	159
Philadelphia, PA	Philadelphia, PA	Adams, PA	111
Philadelphia, PA	Philadelphia, PA	Anne Arundel, MD	105
Philadelphia, PA	Philadelphia, PA	Atlantic, NJ	41
Philadelphia, PA	Philadelphia, PA	Baltimore (City), MD	93
Philadelphia, PA	Philadelphia, PA	Baltimore, MD	88
Philadelphia, PA	Philadelphia, PA	Berks, PA	50
Philadelphia, PA	Philadelphia, PA	Bucks, PA	23
Philadelphia, PA	Philadelphia, PA	Burlington, NJ	26
Philadelphia, PA	Philadelphia, PA	Calvert, MD	127
Philadelphia, PA	Philadelphia, PA	Camden, NJ	16
Philadelphia, PA	Philadelphia, PA	Cape May, NJ	63
Philadelphia, PA	Philadelphia, PA	Carbon, PA	72
Philadelphia, PA	Philadelphia, PA	Caroline, MD	86
Philadelphia, PA	Philadelphia, PA	Carroll, MD	105
Philadelphia, PA	Philadelphia, PA	Cecil, MD	52
Philadelphia, PA	Philadelphia, PA	Chester, PA	30
Philadelphia, PA	Philadelphia, PA	Columbia, PA	98
Philadelphia, PA	Philadelphia, PA	Cumberland, NJ	44
Philadelphia, PA	Philadelphia, PA	Cumberland, PA	116
Philadelphia, PA	Philadelphia, PA	Dauphin, PA	94
Philadelphia, PA	Philadelphia, PA	Delaware, PA	14
Philadelphia, PA	Philadelphia, PA	Dorchester, MD	121
Philadelphia, PA	Philadelphia, PA	Franklin, PA	136
Philadelphia, PA	Philadelphia, PA	Frederick, MD	124
Philadelphia, PA	Philadelphia, PA	Gloucester, NJ	21
Philadelphia, PA	Philadelphia, PA	Harford, MD	70
Philadelphia, PA	Philadelphia, PA	Howard, MD	107
Philadelphia, PA	Philadelphia, PA	Hunterdon, NJ	40
Philadelphia, PA	Philadelphia, PA	Huntingdon, PA	156

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Philadelphia, PA	Philadelphia, PA	Juniata, PA	129
Philadelphia, PA	Philadelphia, PA	Kent, DE	67
Philadelphia, PA	Philadelphia, PA	Kent, MD	78
Philadelphia, PA	Philadelphia, PA	Lackawanna, PA	100
Philadelphia, PA	Philadelphia, PA	Lancaster, PA	58
Philadelphia, PA	Philadelphia, PA	Lebanon, PA	74
Philadelphia, PA	Philadelphia, PA	Lehigh, PA	48
Philadelphia, PA	Philadelphia, PA	Luzerne, PA	91
Philadelphia, PA	Philadelphia, PA	Lycoming, PA	136
Philadelphia, PA	Philadelphia, PA	Mercer, NJ	31
Philadelphia, PA	Philadelphia, PA	Middlesex, NJ	50
Philadelphia, PA	Philadelphia, PA	Mifflin, PA	139
Philadelphia, PA	Philadelphia, PA	Monmouth, NJ	54
Philadelphia, PA	Philadelphia, PA	Monroe, PA	72
Philadelphia, PA	Philadelphia, PA	Montgomery, MD	127
Philadelphia, PA	Philadelphia, PA	Montgomery, PA	19
Philadelphia, PA	Philadelphia, PA	Montour, PA	107
Philadelphia, PA	Philadelphia, PA	Morris, NJ	67
Philadelphia, PA	Philadelphia, PA	New Castle, DE	41
Philadelphia, PA	Philadelphia, PA	Northampton, PA	54
Philadelphia, PA	Philadelphia, PA	Northampton, VA	189
Philadelphia, PA	Philadelphia, PA	Northumberland, PA	102
Philadelphia, PA	Philadelphia, PA	Ocean, NJ	46
Philadelphia, PA	Philadelphia, PA	Perry, PA	116
Philadelphia, PA	Philadelphia, PA	Philadelphia, PA	6
Philadelphia, PA	Philadelphia, PA	Prince George's, MD	122
Philadelphia, PA	Philadelphia, PA	Queen Anne's, MD	81
Philadelphia, PA	Philadelphia, PA	Salem, NJ	30
Philadelphia, PA	Philadelphia, PA	Schuylkill, PA	73
Philadelphia, PA	Philadelphia, PA	Snyder, PA	116
Philadelphia, PA	Philadelphia, PA	Somerset, MD	134
Philadelphia, PA	Philadelphia, PA	Somerset, NJ	48
Philadelphia, PA	Philadelphia, PA	Sullivan, PA	122
Philadelphia, PA	Philadelphia, PA	Sussex, DE	91
Philadelphia, PA	Philadelphia, PA	Sussex, NJ	81
Philadelphia, PA	Philadelphia, PA	Talbot, MD	99
Philadelphia, PA	Philadelphia, PA	Union, PA	121
Philadelphia, PA	Philadelphia, PA	Warren, NJ	59
Philadelphia, PA	Philadelphia, PA	Wicomico, MD	114
Philadelphia, PA	Philadelphia, PA	Worcester, MD	124
Philadelphia, PA	Philadelphia, PA	Wyoming, PA	114
Philadelphia, PA	Philadelphia, PA	York, PA	85
Pinehurst, ID	Shoshone, ID	Ada, ID	280
Pinehurst, ID	Shoshone, ID	Adams, ID	185
Pinehurst, ID	Shoshone, ID	Adams, WA	121
Pinehurst, ID	Shoshone, ID	Asotin, WA	104
Pinehurst, ID	Shoshone, ID	Baker, OR	214
Pinehurst, ID	Shoshone, ID	Beaverhead, MT	216
Pinehurst, ID	Shoshone, ID	Benewah, ID	37

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Pinehurst, ID	Shoshone, ID	Benton, WA	188
Pinehurst, ID	Shoshone, ID	Bingham, ID	345
Pinehurst, ID	Shoshone, ID	Blaine, ID	308
Pinehurst, ID	Shoshone, ID	Blaine, MT	332
Pinehurst, ID	Shoshone, ID	Boise, ID	244
Pinehurst, ID	Shoshone, ID	Bonner, ID	65
Pinehurst, ID	Shoshone, ID	Boundary, ID	88
Pinehurst, ID	Shoshone, ID	Broadwater, MT	231
Pinehurst, ID	Shoshone, ID	Butte, ID	295
Pinehurst, ID	Shoshone, ID	Canyon, ID	273
Pinehurst, ID	Shoshone, ID	Cascade, MT	216
Pinehurst, ID	Shoshone, ID	Chelan, WA	213
Pinehurst, ID	Shoshone, ID	Chouteau, MT	259
Pinehurst, ID	Shoshone, ID	Clark, ID	285
Pinehurst, ID	Shoshone, ID	Clearwater, ID	65
Pinehurst, ID	Shoshone, ID	Columbia, WA	122
Pinehurst, ID	Shoshone, ID	Custer, ID	241
Pinehurst, ID	Shoshone, ID	Deer Lodge, MT	172
Pinehurst, ID	Shoshone, ID	Douglas, WA	175
Pinehurst, ID	Shoshone, ID	Elmore, ID	282
Pinehurst, ID	Shoshone, ID	Fergus, MT	312
Pinehurst, ID	Shoshone, ID	Ferry, WA	133
Pinehurst, ID	Shoshone, ID	Flathead, MT	105
Pinehurst, ID	Shoshone, ID	Franklin, WA	156
Pinehurst, ID	Shoshone, ID	Fremont, ID	312
Pinehurst, ID	Shoshone, ID	Gallatin, MT	274
Pinehurst, ID	Shoshone, ID	Garfield, WA	108
Pinehurst, ID	Shoshone, ID	Gem, ID	232
Pinehurst, ID	Shoshone, ID	Glacier, MT	162
Pinehurst, ID	Shoshone, ID	Granite, MT	145
Pinehurst, ID	Shoshone, ID	Grant, OR	254
Pinehurst, ID	Shoshone, ID	Grant, WA	164
Pinehurst, ID	Shoshone, ID	Hill, MT	282
Pinehurst, ID	Shoshone, ID	Idaho, ID	114
Pinehurst, ID	Shoshone, ID	Jefferson, ID	309
Pinehurst, ID	Shoshone, ID	Jefferson, MT	205
Pinehurst, ID	Shoshone, ID	Judith Basin, MT	274
Pinehurst, ID	Shoshone, ID	Kittitas, WA	219
Pinehurst, ID	Shoshone, ID	Klickitat, WA	254
Pinehurst, ID	Shoshone, ID	Kootenai, ID	34
Pinehurst, ID	Shoshone, ID	Lake, MT	88
Pinehurst, ID	Shoshone, ID	Latah, ID	56
Pinehurst, ID	Shoshone, ID	Lemhi, ID	198
Pinehurst, ID	Shoshone, ID	Lewis and Clark, MT	164
Pinehurst, ID	Shoshone, ID	Lewis, ID	89
Pinehurst, ID	Shoshone, ID	Liberty, MT	242
Pinehurst, ID	Shoshone, ID	Lincoln, MT	70
Pinehurst, ID	Shoshone, ID	Lincoln, WA	112
Pinehurst, ID	Shoshone, ID	Madison, MT	248

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Pinehurst, ID	Shoshone, ID	Malheur, OR	306
Pinehurst, ID	Shoshone, ID	Meagher, MT	252
Pinehurst, ID	Shoshone, ID	Mineral, MT	61
Pinehurst, ID	Shoshone, ID	Missoula, MT	100
Pinehurst, ID	Shoshone, ID	Morrow, OR	221
Pinehurst, ID	Shoshone, ID	Nez Perce, ID	95
Pinehurst, ID	Shoshone, ID	Okanogan, WA	185
Pinehurst, ID	Shoshone, ID	Park, MT	293
Pinehurst, ID	Shoshone, ID	Payette, ID	247
Pinehurst, ID	Shoshone, ID	Pend Oreille, WA	92
Pinehurst, ID	Shoshone, ID	Pondera, MT	173
Pinehurst, ID	Shoshone, ID	Powell, MT	144
Pinehurst, ID	Shoshone, ID	Ravalli, MT	133
Pinehurst, ID	Shoshone, ID	Sanders, MT	42
Pinehurst, ID	Shoshone, ID	Shoshone, ID	27
Pinehurst, ID	Shoshone, ID	Silver Bow, MT	192
Pinehurst, ID	Shoshone, ID	Skagit, WA	279
Pinehurst, ID	Shoshone, ID	Spokane, WA	67
Pinehurst, ID	Shoshone, ID	Stevens, WA	105
Pinehurst, ID	Shoshone, ID	Sweet Grass, MT	316
Pinehurst, ID	Shoshone, ID	Teton, MT	181
Pinehurst, ID	Shoshone, ID	Toole, MT	212
Pinehurst, ID	Shoshone, ID	Umatilla, OR	186
Pinehurst, ID	Shoshone, ID	Union, OR	174
Pinehurst, ID	Shoshone, ID	Valley, ID	196
Pinehurst, ID	Shoshone, ID	Walla Walla, WA	144
Pinehurst, ID	Shoshone, ID	Wallowa, OR	146
Pinehurst, ID	Shoshone, ID	Washington, ID	212
Pinehurst, ID	Shoshone, ID	Whatcom, WA	279
Pinehurst, ID	Shoshone, ID	Wheatland, MT	299
Pinehurst, ID	Shoshone, ID	Whitman, WA	85
Pinehurst, ID	Shoshone, ID	Yakima, WA	228
Pittsburgh, PA	Allegheny, PA	Allegany, MD	95
Pittsburgh, PA	Allegheny, PA	Allegany, NY	163
Pittsburgh, PA	Allegheny, PA	Allegheny, PA	15
Pittsburgh, PA	Allegheny, PA	Armstrong, PA	41
Pittsburgh, PA	Allegheny, PA	Ashland, OH	122
Pittsburgh, PA	Allegheny, PA	Ashtabula, OH	98
Pittsburgh, PA	Allegheny, PA	Athens, OH	132
Pittsburgh, PA	Allegheny, PA	Barbour, WV	91
Pittsburgh, PA	Allegheny, PA	Beaver, PA	23
Pittsburgh, PA	Allegheny, PA	Bedford, PA	85
Pittsburgh, PA	Allegheny, PA	Belmont, OH	60
Pittsburgh, PA	Allegheny, PA	Berkeley, WV	125
Pittsburgh, PA	Allegheny, PA	Blair, PA	88
Pittsburgh, PA	Allegheny, PA	Brooke, WV	32
Pittsburgh, PA	Allegheny, PA	Butler, PA	34
Pittsburgh, PA	Allegheny, PA	Cambria, PA	67
Pittsburgh, PA	Allegheny, PA	Cameron, PA	116

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Pittsburgh, PA	Allegheny, PA	Carroll, OH	58
Pittsburgh, PA	Allegheny, PA	Cattaraugus, NY	144
Pittsburgh, PA	Allegheny, PA	Centre, PA	129
Pittsburgh, PA	Allegheny, PA	Chautauqua, NY	132
Pittsburgh, PA	Allegheny, PA	Clarion, PA	61
Pittsburgh, PA	Allegheny, PA	Clearfield, PA	90
Pittsburgh, PA	Allegheny, PA	Clinton, PA	132
Pittsburgh, PA	Allegheny, PA	Columbiana, OH	47
Pittsburgh, PA	Allegheny, PA	Coshocton, OH	101
Pittsburgh, PA	Allegheny, PA	Crawford, PA	85
Pittsburgh, PA	Allegheny, PA	Cuyahoga, OH	112
Pittsburgh, PA	Allegheny, PA	Doddridge, WV	90
Pittsburgh, PA	Allegheny, PA	Elk, PA	94
Pittsburgh, PA	Allegheny, PA	Erie, NY	176
Pittsburgh, PA	Allegheny, PA	Erie, PA	112
Pittsburgh, PA	Allegheny, PA	Fayette, PA	39
Pittsburgh, PA	Allegheny, PA	Forest, PA	82
Pittsburgh, PA	Allegheny, PA	Franklin, PA	125
Pittsburgh, PA	Allegheny, PA	Frederick, MD	155
Pittsburgh, PA	Allegheny, PA	Frederick, VA	126
Pittsburgh, PA	Allegheny, PA	Fulton, PA	107
Pittsburgh, PA	Allegheny, PA	Garrett, MD	77
Pittsburgh, PA	Allegheny, PA	Geauga, OH	98
Pittsburgh, PA	Allegheny, PA	Gilmer, WV	114
Pittsburgh, PA	Allegheny, PA	Grant, WV	104
Pittsburgh, PA	Allegheny, PA	Greene, PA	41
Pittsburgh, PA	Allegheny, PA	Guernsey, OH	83
Pittsburgh, PA	Allegheny, PA	Hampshire, WV	106
Pittsburgh, PA	Allegheny, PA	Hancock, WV	30
Pittsburgh, PA	Allegheny, PA	Hardy, WV	117
Pittsburgh, PA	Allegheny, PA	Harrison, OH	59
Pittsburgh, PA	Allegheny, PA	Harrison, WV	82
Pittsburgh, PA	Allegheny, PA	Holmes, OH	101
Pittsburgh, PA	Allegheny, PA	Huntingdon, PA	104
Pittsburgh, PA	Allegheny, PA	Indiana, PA	50
Pittsburgh, PA	Allegheny, PA	Jefferson, OH	39
Pittsburgh, PA	Allegheny, PA	Jefferson, PA	72
Pittsburgh, PA	Allegheny, PA	Jefferson, WV	138
Pittsburgh, PA	Allegheny, PA	Juniata, PA	132
Pittsburgh, PA	Allegheny, PA	Knox, OH	127
Pittsburgh, PA	Allegheny, PA	Lake, OH	109
Pittsburgh, PA	Allegheny, PA	Lawrence, PA	42
Pittsburgh, PA	Allegheny, PA	Lewis, WV	106
Pittsburgh, PA	Allegheny, PA	Loudoun, VA	156
Pittsburgh, PA	Allegheny, PA	Lycoming, PA	166
Pittsburgh, PA	Allegheny, PA	Mahoning, OH	56
Pittsburgh, PA	Allegheny, PA	Marion, WV	65
Pittsburgh, PA	Allegheny, PA	Marshall, WV	52
Pittsburgh, PA	Allegheny, PA	McKean, PA	120

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Pittsburgh, PA	Allegheny, PA	Medina, OH	112
Pittsburgh, PA	Allegheny, PA	Mercer, PA	60
Pittsburgh, PA	Allegheny, PA	Mifflin, PA	125
Pittsburgh, PA	Allegheny, PA	Mineral, WV	89
Pittsburgh, PA	Allegheny, PA	Monongalia, WV	59
Pittsburgh, PA	Allegheny, PA	Monroe, OH	75
Pittsburgh, PA	Allegheny, PA	Morgan, OH	111
Pittsburgh, PA	Allegheny, PA	Morgan, WV	109
Pittsburgh, PA	Allegheny, PA	Muskingum, OH	108
Pittsburgh, PA	Allegheny, PA	Noble, OH	92
Pittsburgh, PA	Allegheny, PA	Ohio, WV	40
Pittsburgh, PA	Allegheny, PA	Pendleton, WV	126
Pittsburgh, PA	Allegheny, PA	Pleasants, WV	96
Pittsburgh, PA	Allegheny, PA	Portage, OH	80
Pittsburgh, PA	Allegheny, PA	Potter, PA	142
Pittsburgh, PA	Allegheny, PA	Preston, WV	70
Pittsburgh, PA	Allegheny, PA	Randolph, WV	117
Pittsburgh, PA	Allegheny, PA	Ritchie, WV	103
Pittsburgh, PA	Allegheny, PA	Somerset, PA	59
Pittsburgh, PA	Allegheny, PA	Stark, OH	76
Pittsburgh, PA	Allegheny, PA	Summit, OH	94
Pittsburgh, PA	Allegheny, PA	Taylor, WV	75
Pittsburgh, PA	Allegheny, PA	Trumbull, OH	73
Pittsburgh, PA	Allegheny, PA	Tucker, WV	94
Pittsburgh, PA	Allegheny, PA	Tuscarawas, OH	78
Pittsburgh, PA	Allegheny, PA	Tyler, WV	81
Pittsburgh, PA	Allegheny, PA	Union, PA	160
Pittsburgh, PA	Allegheny, PA	Upshur, WV	107
Pittsburgh, PA	Allegheny, PA	Venango, PA	68
Pittsburgh, PA	Allegheny, PA	Warren, PA	102
Pittsburgh, PA	Allegheny, PA	Washington, MD	137
Pittsburgh, PA	Allegheny, PA	Washington, OH	106
Pittsburgh, PA	Allegheny, PA	Washington, PA	20
Pittsburgh, PA	Allegheny, PA	Wayne, OH	103
Pittsburgh, PA	Allegheny, PA	Westmoreland, PA	33
Pittsburgh, PA	Allegheny, PA	Wetzel, WV	69
Pittsburgh, PA	Allegheny, PA	Wood, WV	116
Pittsburgh, PA	Allegheny, PA	Wyoming, NY	182
Pittsburgh, PA	Beaver, PA	Allegany, MD	119
Pittsburgh, PA	Beaver, PA	Allegany, NY	163
Pittsburgh, PA	Beaver, PA	Allegheny, PA	23
Pittsburgh, PA	Beaver, PA	Armstrong, PA	48
Pittsburgh, PA	Beaver, PA	Ashland, OH	102
Pittsburgh, PA	Beaver, PA	Ashtabula, OH	78
Pittsburgh, PA	Beaver, PA	Athens, OH	129
Pittsburgh, PA	Beaver, PA	Barbour, WV	108
Pittsburgh, PA	Beaver, PA	Beaver, PA	12
Pittsburgh, PA	Beaver, PA	Bedford, PA	107
Pittsburgh, PA	Beaver, PA	Belmont, OH	57

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Pittsburgh, PA	Beaver, PA	Berkeley, WV	149
Pittsburgh, PA	Beaver, PA	Blair, PA	106
Pittsburgh, PA	Beaver, PA	Brooke, WV	29
Pittsburgh, PA	Beaver, PA	Butler, PA	28
Pittsburgh, PA	Beaver, PA	Cambria, PA	85
Pittsburgh, PA	Beaver, PA	Cameron, PA	123
Pittsburgh, PA	Beaver, PA	Carroll, OH	40
Pittsburgh, PA	Beaver, PA	Cattaraugus, NY	140
Pittsburgh, PA	Beaver, PA	Centre, PA	142
Pittsburgh, PA	Beaver, PA	Chautauqua, NY	122
Pittsburgh, PA	Beaver, PA	Clarion, PA	60
Pittsburgh, PA	Beaver, PA	Clearfield, PA	101
Pittsburgh, PA	Beaver, PA	Clinton, PA	142
Pittsburgh, PA	Beaver, PA	Columbiana, OH	25
Pittsburgh, PA	Beaver, PA	Coshocton, OH	86
Pittsburgh, PA	Beaver, PA	Crawford, PA	71
Pittsburgh, PA	Beaver, PA	Cuyahoga, OH	89
Pittsburgh, PA	Beaver, PA	Doddridge, WV	99
Pittsburgh, PA	Beaver, PA	Elk, PA	97
Pittsburgh, PA	Beaver, PA	Erie, NY	169
Pittsburgh, PA	Beaver, PA	Erie, PA	98
Pittsburgh, PA	Beaver, PA	Fayette, PA	62
Pittsburgh, PA	Beaver, PA	Forest, PA	80
Pittsburgh, PA	Beaver, PA	Franklin, PA	146
Pittsburgh, PA	Beaver, PA	Frederick, MD	177
Pittsburgh, PA	Beaver, PA	Frederick, VA	149
Pittsburgh, PA	Beaver, PA	Fulton, PA	128
Pittsburgh, PA	Beaver, PA	Garrett, MD	100
Pittsburgh, PA	Beaver, PA	Geauga, OH	75
Pittsburgh, PA	Beaver, PA	Gilmer, WV	124
Pittsburgh, PA	Beaver, PA	Grant, WV	126
Pittsburgh, PA	Beaver, PA	Greene, PA	55
Pittsburgh, PA	Beaver, PA	Guernsey, OH	75
Pittsburgh, PA	Beaver, PA	Hampshire, WV	130
Pittsburgh, PA	Beaver, PA	Hancock, WV	16
Pittsburgh, PA	Beaver, PA	Hardy, WV	140
Pittsburgh, PA	Beaver, PA	Harrison, OH	48
Pittsburgh, PA	Beaver, PA	Harrison, WV	96
Pittsburgh, PA	Beaver, PA	Holmes, OH	84
Pittsburgh, PA	Beaver, PA	Huntingdon, PA	122
Pittsburgh, PA	Beaver, PA	Indiana, PA	65
Pittsburgh, PA	Beaver, PA	Jefferson, OH	29
Pittsburgh, PA	Beaver, PA	Jefferson, PA	77
Pittsburgh, PA	Beaver, PA	Jefferson, WV	161
Pittsburgh, PA	Beaver, PA	Juniata, PA	149
Pittsburgh, PA	Beaver, PA	Knox, OH	111
Pittsburgh, PA	Beaver, PA	Lake, OH	86
Pittsburgh, PA	Beaver, PA	Lawrence, PA	22
Pittsburgh, PA	Beaver, PA	Lewis, WV	119

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Pittsburgh, PA	Beaver, PA	Loudoun, VA	179
Pittsburgh, PA	Beaver, PA	Lycoming, PA	177
Pittsburgh, PA	Beaver, PA	Mahoning, OH	33
Pittsburgh, PA	Beaver, PA	Marion, WV	80
Pittsburgh, PA	Beaver, PA	Marshall, WV	57
Pittsburgh, PA	Beaver, PA	McKean, PA	120
Pittsburgh, PA	Beaver, PA	Medina, OH	89
Pittsburgh, PA	Beaver, PA	Mercer, PA	43
Pittsburgh, PA	Beaver, PA	Mifflin, PA	141
Pittsburgh, PA	Beaver, PA	Mineral, WV	112
Pittsburgh, PA	Beaver, PA	Monongalia, WV	78
Pittsburgh, PA	Beaver, PA	Monroe, OH	77
Pittsburgh, PA	Beaver, PA	Morgan, OH	107
Pittsburgh, PA	Beaver, PA	Morgan, WV	132
Pittsburgh, PA	Beaver, PA	Muskingum, OH	99
Pittsburgh, PA	Beaver, PA	Noble, OH	88
Pittsburgh, PA	Beaver, PA	Ohio, WV	42
Pittsburgh, PA	Beaver, PA	Pendleton, WV	147
Pittsburgh, PA	Beaver, PA	Pleasants, WV	100
Pittsburgh, PA	Beaver, PA	Portage, OH	57
Pittsburgh, PA	Beaver, PA	Potter, PA	147
Pittsburgh, PA	Beaver, PA	Preston, WV	90
Pittsburgh, PA	Beaver, PA	Randolph, WV	135
Pittsburgh, PA	Beaver, PA	Ritchie, WV	109
Pittsburgh, PA	Beaver, PA	Somerset, PA	82
Pittsburgh, PA	Beaver, PA	Stark, OH	55
Pittsburgh, PA	Beaver, PA	Summit, OH	71
Pittsburgh, PA	Beaver, PA	Taylor, WV	93
Pittsburgh, PA	Beaver, PA	Trumbull, OH	50
Pittsburgh, PA	Beaver, PA	Tucker, WV	114
Pittsburgh, PA	Beaver, PA	Tuscarawas, OH	63
Pittsburgh, PA	Beaver, PA	Tyler, WV	88
Pittsburgh, PA	Beaver, PA	Union, PA	173
Pittsburgh, PA	Beaver, PA	Upshur, WV	122
Pittsburgh, PA	Beaver, PA	Venango, PA	59
Pittsburgh, PA	Beaver, PA	Warren, PA	96
Pittsburgh, PA	Beaver, PA	Washington, MD	159
Pittsburgh, PA	Beaver, PA	Washington, OH	106
Pittsburgh, PA	Beaver, PA	Washington, PA	32
Pittsburgh, PA	Beaver, PA	Wayne, OH	82
Pittsburgh, PA	Beaver, PA	Westmoreland, PA	54
Pittsburgh, PA	Beaver, PA	Wetzel, WV	77
Pittsburgh, PA	Beaver, PA	Wood, WV	118
Pittsburgh, PA	Beaver, PA	Wyoming, NY	178
Pittsburgh, PA	Washington, PA	Allegany, MD	98
Pittsburgh, PA	Washington, PA	Allegany, NY	182
Pittsburgh, PA	Washington, PA	Allegheny, PA	20
Pittsburgh, PA	Washington, PA	Armstrong, PA	60
Pittsburgh, PA	Washington, PA	Ashland, OH	114

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Pittsburgh, PA	Washington, PA	Ashtabula, OH	109
Pittsburgh, PA	Washington, PA	Athens, OH	114
Pittsburgh, PA	Washington, PA	Barbour, WV	76
Pittsburgh, PA	Washington, PA	Beaver, PA	32
Pittsburgh, PA	Washington, PA	Bedford, PA	94
Pittsburgh, PA	Washington, PA	Belmont, OH	42
Pittsburgh, PA	Washington, PA	Berkeley, WV	129
Pittsburgh, PA	Washington, PA	Blair, PA	102
Pittsburgh, PA	Washington, PA	Brooke, WV	18
Pittsburgh, PA	Washington, PA	Butler, PA	52
Pittsburgh, PA	Washington, PA	Cambria, PA	81
Pittsburgh, PA	Washington, PA	Cameron, PA	135
Pittsburgh, PA	Washington, PA	Carroll, OH	51
Pittsburgh, PA	Washington, PA	Cattaraugus, NY	163
Pittsburgh, PA	Washington, PA	Centre, PA	145
Pittsburgh, PA	Washington, PA	Chautauqua, NY	150
Pittsburgh, PA	Washington, PA	Clarion, PA	80
Pittsburgh, PA	Washington, PA	Clearfield, PA	108
Pittsburgh, PA	Washington, PA	Clinton, PA	149
Pittsburgh, PA	Washington, PA	Columbiana, OH	48
Pittsburgh, PA	Washington, PA	Coshocton, OH	88
Pittsburgh, PA	Washington, PA	Crawford, PA	101
Pittsburgh, PA	Washington, PA	Cuyahoga, OH	114
Pittsburgh, PA	Washington, PA	Doddridge, WV	71
Pittsburgh, PA	Washington, PA	Elk, PA	114
Pittsburgh, PA	Washington, PA	Erie, NY	194
Pittsburgh, PA	Washington, PA	Erie, PA	128
Pittsburgh, PA	Washington, PA	Fayette, PA	37
Pittsburgh, PA	Washington, PA	Forest, PA	102
Pittsburgh, PA	Washington, PA	Franklin, PA	135
Pittsburgh, PA	Washington, PA	Frederick, MD	161
Pittsburgh, PA	Washington, PA	Frederick, VA	127
Pittsburgh, PA	Washington, PA	Fulton, PA	115
Pittsburgh, PA	Washington, PA	Garrett, MD	72
Pittsburgh, PA	Washington, PA	Geauga, OH	104
Pittsburgh, PA	Washington, PA	Gilmer, WV	95
Pittsburgh, PA	Washington, PA	Grant, WV	97
Pittsburgh, PA	Washington, PA	Greene, PA	24
Pittsburgh, PA	Washington, PA	Guernsey, OH	67
Pittsburgh, PA	Washington, PA	Hampshire, WV	106
Pittsburgh, PA	Washington, PA	Hancock, WV	27
Pittsburgh, PA	Washington, PA	Hardy, WV	113
Pittsburgh, PA	Washington, PA	Harrison, OH	46
Pittsburgh, PA	Washington, PA	Harrison, WV	65
Pittsburgh, PA	Washington, PA	Holmes, OH	92
Pittsburgh, PA	Washington, PA	Huntingdon, PA	117
Pittsburgh, PA	Washington, PA	Indiana, PA	67
Pittsburgh, PA	Washington, PA	Jefferson, OH	29
Pittsburgh, PA	Washington, PA	Jefferson, PA	91

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Pittsburgh, PA	Washington, PA	Jefferson, WV	141
Pittsburgh, PA	Washington, PA	Juniata, PA	145
Pittsburgh, PA	Washington, PA	Knox, OH	116
Pittsburgh, PA	Washington, PA	Lake, OH	116
Pittsburgh, PA	Washington, PA	Lawrence, PA	54
Pittsburgh, PA	Washington, PA	Lewis, WV	89
Pittsburgh, PA	Washington, PA	Loudoun, VA	158
Pittsburgh, PA	Washington, PA	Lycoming, PA	184
Pittsburgh, PA	Washington, PA	Mahoning, OH	62
Pittsburgh, PA	Washington, PA	Marion, WV	49
Pittsburgh, PA	Washington, PA	Marshall, WV	32
Pittsburgh, PA	Washington, PA	McKean, PA	140
Pittsburgh, PA	Washington, PA	Medina, OH	109
Pittsburgh, PA	Washington, PA	Mercer, PA	74
Pittsburgh, PA	Washington, PA	Mifflin, PA	139
Pittsburgh, PA	Washington, PA	Mineral, WV	87
Pittsburgh, PA	Washington, PA	Monongalia, WV	46
Pittsburgh, PA	Washington, PA	Monroe, OH	56
Pittsburgh, PA	Washington, PA	Morgan, OH	93
Pittsburgh, PA	Washington, PA	Morgan, WV	113
Pittsburgh, PA	Washington, PA	Muskingum, OH	93
Pittsburgh, PA	Washington, PA	Noble, OH	74
Pittsburgh, PA	Washington, PA	Ohio, WV	21
Pittsburgh, PA	Washington, PA	Pendleton, WV	116
Pittsburgh, PA	Washington, PA	Pleasants, WV	76
Pittsburgh, PA	Washington, PA	Portage, OH	83
Pittsburgh, PA	Washington, PA	Potter, PA	161
Pittsburgh, PA	Washington, PA	Preston, WV	60
Pittsburgh, PA	Washington, PA	Randolph, WV	104
Pittsburgh, PA	Washington, PA	Ritchie, WV	84
Pittsburgh, PA	Washington, PA	Somerset, PA	65
Pittsburgh, PA	Washington, PA	Stark, OH	72
Pittsburgh, PA	Washington, PA	Summit, OH	93
Pittsburgh, PA	Washington, PA	Taylor, WV	61
Pittsburgh, PA	Washington, PA	Trumbull, OH	81
Pittsburgh, PA	Washington, PA	Tucker, WV	84
Pittsburgh, PA	Washington, PA	Tuscarawas, OH	68
Pittsburgh, PA	Washington, PA	Tyler, WV	61
Pittsburgh, PA	Washington, PA	Union, PA	176
Pittsburgh, PA	Washington, PA	Upshur, WV	91
Pittsburgh, PA	Washington, PA	Venango, PA	86
Pittsburgh, PA	Washington, PA	Warren, PA	121
Pittsburgh, PA	Washington, PA	Washington, MD	142
Pittsburgh, PA	Washington, PA	Washington, OH	87
Pittsburgh, PA	Washington, PA	Washington, PA	16
Pittsburgh, PA	Washington, PA	Wayne, OH	97
Pittsburgh, PA	Washington, PA	Westmoreland, PA	46
Pittsburgh, PA	Washington, PA	Wetzel, WV	50
Pittsburgh, PA	Washington, PA	Wood, WV	96

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Pittsburgh, PA	Washington, PA	Wyoming, NY	201
Pittsburgh, PA	Westmoreland, PA	Allegany, MD	68
Pittsburgh, PA	Westmoreland, PA	Allegany, NY	149
Pittsburgh, PA	Westmoreland, PA	Allegheny, PA	33
Pittsburgh, PA	Westmoreland, PA	Armstrong, PA	34
Pittsburgh, PA	Westmoreland, PA	Ashland, OH	155
Pittsburgh, PA	Westmoreland, PA	Ashtabula, OH	119
Pittsburgh, PA	Westmoreland, PA	Athens, OH	158
Pittsburgh, PA	Westmoreland, PA	Barbour, WV	92
Pittsburgh, PA	Westmoreland, PA	Beaver, PA	54
Pittsburgh, PA	Westmoreland, PA	Bedford, PA	53
Pittsburgh, PA	Westmoreland, PA	Belmont, OH	88
Pittsburgh, PA	Westmoreland, PA	Berkeley, WV	96
Pittsburgh, PA	Westmoreland, PA	Blair, PA	56
Pittsburgh, PA	Westmoreland, PA	Brooke, WV	63
Pittsburgh, PA	Westmoreland, PA	Butler, PA	48
Pittsburgh, PA	Westmoreland, PA	Cambria, PA	35
Pittsburgh, PA	Westmoreland, PA	Cameron, PA	96
Pittsburgh, PA	Westmoreland, PA	Carroll, OH	91
Pittsburgh, PA	Westmoreland, PA	Cattaraugus, NY	137
Pittsburgh, PA	Westmoreland, PA	Centre, PA	100
Pittsburgh, PA	Westmoreland, PA	Chautauqua, NY	133
Pittsburgh, PA	Westmoreland, PA	Clarion, PA	58
Pittsburgh, PA	Westmoreland, PA	Clearfield, PA	66
Pittsburgh, PA	Westmoreland, PA	Clinton, PA	106
Pittsburgh, PA	Westmoreland, PA	Columbiana, OH	79
Pittsburgh, PA	Westmoreland, PA	Coshocton, OH	133
Pittsburgh, PA	Westmoreland, PA	Crawford, PA	97
Pittsburgh, PA	Westmoreland, PA	Cuyahoga, OH	142
Pittsburgh, PA	Westmoreland, PA	Doddridge, WV	104
Pittsburgh, PA	Westmoreland, PA	Elk, PA	80
Pittsburgh, PA	Westmoreland, PA	Erie, NY	171
Pittsburgh, PA	Westmoreland, PA	Erie, PA	122
Pittsburgh, PA	Westmoreland, PA	Fayette, PA	33
Pittsburgh, PA	Westmoreland, PA	Forest, PA	78
Pittsburgh, PA	Westmoreland, PA	Franklin, PA	92
Pittsburgh, PA	Westmoreland, PA	Frederick, MD	123
Pittsburgh, PA	Westmoreland, PA	Frederick, VA	99
Pittsburgh, PA	Westmoreland, PA	Fulton, PA	74
Pittsburgh, PA	Westmoreland, PA	Garrett, MD	62
Pittsburgh, PA	Westmoreland, PA	Geauga, OH	125
Pittsburgh, PA	Westmoreland, PA	Gilmer, WV	126
Pittsburgh, PA	Westmoreland, PA	Grant, WV	90
Pittsburgh, PA	Westmoreland, PA	Greene, PA	56
Pittsburgh, PA	Westmoreland, PA	Guernsey, OH	113
Pittsburgh, PA	Westmoreland, PA	Hampshire, WV	83
Pittsburgh, PA	Westmoreland, PA	Hancock, WV	63
Pittsburgh, PA	Westmoreland, PA	Hardy, WV	99
Pittsburgh, PA	Westmoreland, PA	Harrison, OH	91

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Pittsburgh, PA	Westmoreland, PA	Harrison, WV	92
Pittsburgh, PA	Westmoreland, PA	Holmes, OH	134
Pittsburgh, PA	Westmoreland, PA	Huntingdon, PA	71
Pittsburgh, PA	Westmoreland, PA	Indiana, PA	25
Pittsburgh, PA	Westmoreland, PA	Jefferson, OH	71
Pittsburgh, PA	Westmoreland, PA	Jefferson, PA	58
Pittsburgh, PA	Westmoreland, PA	Jefferson, WV	108
Pittsburgh, PA	Westmoreland, PA	Juniata, PA	100
Pittsburgh, PA	Westmoreland, PA	Knox, OH	160
Pittsburgh, PA	Westmoreland, PA	Lake, OH	135
Pittsburgh, PA	Westmoreland, PA	Lawrence, PA	66
Pittsburgh, PA	Westmoreland, PA	Lewis, WV	114
Pittsburgh, PA	Westmoreland, PA	Loudoun, VA	127
Pittsburgh, PA	Westmoreland, PA	Lycoming, PA	139
Pittsburgh, PA	Westmoreland, PA	Mahoning, OH	85
Pittsburgh, PA	Westmoreland, PA	Marion, WV	75
Pittsburgh, PA	Westmoreland, PA	Marshall, WV	75
Pittsburgh, PA	Westmoreland, PA	McKean, PA	108
Pittsburgh, PA	Westmoreland, PA	Medina, OH	144
Pittsburgh, PA	Westmoreland, PA	Mercer, PA	78
Pittsburgh, PA	Westmoreland, PA	Mifflin, PA	93
Pittsburgh, PA	Westmoreland, PA	Mineral, WV	68
Pittsburgh, PA	Westmoreland, PA	Monongalia, WV	62
Pittsburgh, PA	Westmoreland, PA	Monroe, OH	99
Pittsburgh, PA	Westmoreland, PA	Morgan, OH	139
Pittsburgh, PA	Westmoreland, PA	Morgan, WV	80
Pittsburgh, PA	Westmoreland, PA	Muskingum, OH	139
Pittsburgh, PA	Westmoreland, PA	Noble, OH	120
Pittsburgh, PA	Westmoreland, PA	Ohio, WV	67
Pittsburgh, PA	Westmoreland, PA	Pendleton, WV	116
Pittsburgh, PA	Westmoreland, PA	Pleasants, WV	116
Pittsburgh, PA	Westmoreland, PA	Portage, OH	110
Pittsburgh, PA	Westmoreland, PA	Potter, PA	123
Pittsburgh, PA	Westmoreland, PA	Preston, WV	64
Pittsburgh, PA	Westmoreland, PA	Randolph, WV	114
Pittsburgh, PA	Westmoreland, PA	Ritchie, WV	121
Pittsburgh, PA	Westmoreland, PA	Somerset, PA	31
Pittsburgh, PA	Westmoreland, PA	Stark, OH	109
Pittsburgh, PA	Westmoreland, PA	Summit, OH	125
Pittsburgh, PA	Westmoreland, PA	Taylor, WV	78
Pittsburgh, PA	Westmoreland, PA	Trumbull, OH	98
Pittsburgh, PA	Westmoreland, PA	Tucker, WV	87
Pittsburgh, PA	Westmoreland, PA	Tuscarawas, OH	111
Pittsburgh, PA	Westmoreland, PA	Tyler, WV	99
Pittsburgh, PA	Westmoreland, PA	Union, PA	130
Pittsburgh, PA	Westmoreland, PA	Upshur, WV	111
Pittsburgh, PA	Westmoreland, PA	Venango, PA	74
Pittsburgh, PA	Westmoreland, PA	Warren, PA	101
Pittsburgh, PA	Westmoreland, PA	Washington, MD	106

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Pittsburgh, PA	Westmoreland, PA	Washington, OH	130
Pittsburgh, PA	Westmoreland, PA	Washington, PA	46
Pittsburgh, PA	Westmoreland, PA	Wayne, OH	135
Pittsburgh, PA	Westmoreland, PA	Westmoreland, PA	17
Pittsburgh, PA	Westmoreland, PA	Wetzel, WV	87
Pittsburgh, PA	Westmoreland, PA	Wood, WV	138
Pittsburgh, PA	Westmoreland, PA	Wyoming, NY	173
Provo, UT	Utah, UT	Ada, ID	326
Provo, UT	Utah, UT	Albany, WY	332
Provo, UT	Utah, UT	Apache, AZ	363
Provo, UT	Utah, UT	Archuleta, CO	324
Provo, UT	Utah, UT	Baker, OR	440
Provo, UT	Utah, UT	Bannock, ID	172
Provo, UT	Utah, UT	Bear Lake, ID	148
Provo, UT	Utah, UT	Beaver, UT	150
Provo, UT	Utah, UT	Bingham, ID	215
Provo, UT	Utah, UT	Blaine, ID	244
Provo, UT	Utah, UT	Boise, ID	336
Provo, UT	Utah, UT	Bonneville, ID	218
Provo, UT	Utah, UT	Box Elder, UT	134
Provo, UT	Utah, UT	Butte, ID	258
Provo, UT	Utah, UT	Cache, UT	104
Provo, UT	Utah, UT	Camas, ID	283
Provo, UT	Utah, UT	Canyon, ID	348
Provo, UT	Utah, UT	Carbon, UT	69
Provo, UT	Utah, UT	Carbon, WY	277
Provo, UT	Utah, UT	Caribou, ID	176
Provo, UT	Utah, UT	Carson, NV	433
Provo, UT	Utah, UT	Cassia, ID	181
Provo, UT	Utah, UT	Catron, NM	472
Provo, UT	Utah, UT	Chaffee, CO	311
Provo, UT	Utah, UT	Churchill, NV	354
Provo, UT	Utah, UT	Cibola, NM	420
Provo, UT	Utah, UT	Clark, NV	352
Provo, UT	Utah, UT	Coconino, AZ	315
Provo, UT	Utah, UT	Converse, WY	372
Provo, UT	Utah, UT	Crook, OR	520
Provo, UT	Utah, UT	Custer, ID	310
Provo, UT	Utah, UT	Daggett, UT	111
Provo, UT	Utah, UT	Davis, UT	57
Provo, UT	Utah, UT	Delta, CO	224
Provo, UT	Utah, UT	Deschutes, OR	564
Provo, UT	Utah, UT	Dolores, CO	243
Provo, UT	Utah, UT	Duchesne, UT	67
Provo, UT	Utah, UT	Eagle, CO	270
Provo, UT	Utah, UT	Elko, NV	210
Provo, UT	Utah, UT	Elmore, ID	300
Provo, UT	Utah, UT	Emery, UT	91
Provo, UT	Utah, UT	Esmeralda, NV	364

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Provo, UT	Utah, UT	Eureka, NV	239
Provo, UT	Utah, UT	Franklin, ID	141
Provo, UT	Utah, UT	Fremont, WY	260
Provo, UT	Utah, UT	Fresno, CA	493
Provo, UT	Utah, UT	Garfield, CO	223
Provo, UT	Utah, UT	Garfield, UT	162
Provo, UT	Utah, UT	Gem, ID	362
Provo, UT	Utah, UT	Gila, AZ	450
Provo, UT	Utah, UT	Gooding, ID	250
Provo, UT	Utah, UT	Graham, AZ	503
Provo, UT	Utah, UT	Grand, CO	294
Provo, UT	Utah, UT	Grand, UT	138
Provo, UT	Utah, UT	Grant, OR	478
Provo, UT	Utah, UT	Greenlee, AZ	507
Provo, UT	Utah, UT	Gunnison, CO	272
Provo, UT	Utah, UT	Harney, OR	429
Provo, UT	Utah, UT	Hot Springs, WY	295
Provo, UT	Utah, UT	Humboldt, NV	347
Provo, UT	Utah, UT	Inyo, CA	400
Provo, UT	Utah, UT	Iron, UT	185
Provo, UT	Utah, UT	Jackson, CO	285
Provo, UT	Utah, UT	Jerome, ID	219
Provo, UT	Utah, UT	Juab, UT	73
Provo, UT	Utah, UT	Kane, UT	201
Provo, UT	Utah, UT	Kern, CA	511
Provo, UT	Utah, UT	La Paz, AZ	467
Provo, UT	Utah, UT	La Plata, CO	286
Provo, UT	Utah, UT	Lake, CO	293
Provo, UT	Utah, UT	Lake, OR	498
Provo, UT	Utah, UT	Lander, NV	284
Provo, UT	Utah, UT	Lassen, CA	473
Provo, UT	Utah, UT	Lincoln, ID	232
Provo, UT	Utah, UT	Lincoln, NV	243
Provo, UT	Utah, UT	Lincoln, WY	164
Provo, UT	Utah, UT	Lyon, NV	403
Provo, UT	Utah, UT	Malheur, OR	372
Provo, UT	Utah, UT	McKinley, NM	377
Provo, UT	Utah, UT	Mesa, CO	187
Provo, UT	Utah, UT	Millard, UT	105
Provo, UT	Utah, UT	Mineral, NV	373
Provo, UT	Utah, UT	Minidoka, ID	209
Provo, UT	Utah, UT	Modoc, CA	482
Provo, UT	Utah, UT	Moffat, CO	187
Provo, UT	Utah, UT	Mohave, AZ	340
Provo, UT	Utah, UT	Mono, CA	420
Provo, UT	Utah, UT	Montezuma, CO	258
Provo, UT	Utah, UT	Montrose, CO	220
Provo, UT	Utah, UT	Morgan, UT	62
Provo, UT	Utah, UT	Natrona, WY	319

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Provo, UT	Utah, UT	Navajo, AZ	347
Provo, UT	Utah, UT	Nevada, CA	500
Provo, UT	Utah, UT	Nye, NV	316
Provo, UT	Utah, UT	Oneida, ID	150
Provo, UT	Utah, UT	Ouray, CO	256
Provo, UT	Utah, UT	Owyhee, ID	299
Provo, UT	Utah, UT	Park, WY	315
Provo, UT	Utah, UT	Payette, ID	372
Provo, UT	Utah, UT	Pershing, NV	350
Provo, UT	Utah, UT	Pitkin, CO	263
Provo, UT	Utah, UT	Piute, UT	130
Provo, UT	Utah, UT	Placer, CA	489
Provo, UT	Utah, UT	Power, ID	185
Provo, UT	Utah, UT	Rich, UT	99
Provo, UT	Utah, UT	Rio Arriba, NM	370
Provo, UT	Utah, UT	Rio Blanco, CO	186
Provo, UT	Utah, UT	Routt, CO	246
Provo, UT	Utah, UT	Salt Lake, UT	36
Provo, UT	Utah, UT	San Bernardino, CA	442
Provo, UT	Utah, UT	San Juan, CO	272
Provo, UT	Utah, UT	San Juan, NM	313
Provo, UT	Utah, UT	San Juan, UT	198
Provo, UT	Utah, UT	San Miguel, CO	233
Provo, UT	Utah, UT	Sandoval, NM	408
Provo, UT	Utah, UT	Sanpete, UT	53
Provo, UT	Utah, UT	Sevier, UT	97
Provo, UT	Utah, UT	Sierra, CA	470
Provo, UT	Utah, UT	Storey, NV	420
Provo, UT	Utah, UT	Sublette, WY	206
Provo, UT	Utah, UT	Summit, CO	304
Provo, UT	Utah, UT	Summit, UT	70
Provo, UT	Utah, UT	Sweetwater, WY	173
Provo, UT	Utah, UT	Teton, WY	268
Provo, UT	Utah, UT	Tooele, UT	78
Provo, UT	Utah, UT	Tulare, CA	472
Provo, UT	Utah, UT	Twin Falls, ID	217
Provo, UT	Utah, UT	Uinta, WY	97
Provo, UT	Utah, UT	Uintah, UT	115
Provo, UT	Utah, UT	Utah, UT	26
Provo, UT	Utah, UT	Wasatch, UT	30
Provo, UT	Utah, UT	Washakie, WY	327
Provo, UT	Utah, UT	Washington, ID	399
Provo, UT	Utah, UT	Washington, UT	220
Provo, UT	Utah, UT	Washoe, NV	421
Provo, UT	Utah, UT	Wayne, UT	135
Provo, UT	Utah, UT	Weber, UT	77
Provo, UT	Utah, UT	White Pine, NV	183
Provo, UT	Utah, UT	Yavapai, AZ	381
Reading, PA	Berks, PA	Adams, PA	77

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Reading, PA	Berks, PA	Allegany, NY	168
Reading, PA	Berks, PA	Anne Arundel, MD	105
Reading, PA	Berks, PA	Arlington, VA	123
Reading, PA	Berks, PA	Atlantic, NJ	90
Reading, PA	Berks, PA	Baltimore (City), MD	86
Reading, PA	Berks, PA	Baltimore, MD	76
Reading, PA	Berks, PA	Bedford, PA	137
Reading, PA	Berks, PA	Berks, PA	16
Reading, PA	Berks, PA	Blair, PA	127
Reading, PA	Berks, PA	Bradford, PA	99
Reading, PA	Berks, PA	Broome, NY	125
Reading, PA	Berks, PA	Bucks, PA	42
Reading, PA	Berks, PA	Burlington, NJ	76
Reading, PA	Berks, PA	Calvert, MD	134
Reading, PA	Berks, PA	Camden, NJ	65
Reading, PA	Berks, PA	Cameron, PA	138
Reading, PA	Berks, PA	Cape May, NJ	107
Reading, PA	Berks, PA	Carbon, PA	38
Reading, PA	Berks, PA	Caroline, MD	105
Reading, PA	Berks, PA	Carroll, MD	83
Reading, PA	Berks, PA	Cecil, MD	60
Reading, PA	Berks, PA	Centre, PA	99
Reading, PA	Berks, PA	Chemung, NY	128
Reading, PA	Berks, PA	Chester, PA	32
Reading, PA	Berks, PA	Clearfield, PA	138
Reading, PA	Berks, PA	Clinton, PA	109
Reading, PA	Berks, PA	Columbia, PA	50
Reading, PA	Berks, PA	Cumberland, NJ	83
Reading, PA	Berks, PA	Cumberland, PA	76
Reading, PA	Berks, PA	Dauphin, PA	48
Reading, PA	Berks, PA	Delaware, NY	133
Reading, PA	Berks, PA	Delaware, PA	44
Reading, PA	Berks, PA	District of Columbia, DC	119
Reading, PA	Berks, PA	Dorchester, MD	138
Reading, PA	Berks, PA	Essex, NJ	92
Reading, PA	Berks, PA	Fairfax, VA	132
Reading, PA	Berks, PA	Franklin, PA	98
Reading, PA	Berks, PA	Frederick, MD	100
Reading, PA	Berks, PA	Fulton, PA	119
Reading, PA	Berks, PA	Gloucester, NJ	64
Reading, PA	Berks, PA	Harford, MD	65
Reading, PA	Berks, PA	Howard, MD	96
Reading, PA	Berks, PA	Hunterdon, NJ	53
Reading, PA	Berks, PA	Huntingdon, PA	111
Reading, PA	Berks, PA	Juniata, PA	83
Reading, PA	Berks, PA	Kent, DE	93
Reading, PA	Berks, PA	Kent, MD	85
Reading, PA	Berks, PA	Lackawanna, PA	70
Reading, PA	Berks, PA	Lancaster, PA	31

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Reading, PA	Berks, PA	Lebanon, PA	27
Reading, PA	Berks, PA	Lehigh, PA	23
Reading, PA	Berks, PA	Loudoun, VA	130
Reading, PA	Berks, PA	Luzerne, PA	52
Reading, PA	Berks, PA	Lycoming, PA	87
Reading, PA	Berks, PA	McKean, PA	168
Reading, PA	Berks, PA	Mercer, NJ	67
Reading, PA	Berks, PA	Middlesex, NJ	81
Reading, PA	Berks, PA	Mifflin, PA	91
Reading, PA	Berks, PA	Monmouth, NJ	92
Reading, PA	Berks, PA	Monroe, PA	55
Reading, PA	Berks, PA	Montgomery, MD	112
Reading, PA	Berks, PA	Montgomery, PA	33
Reading, PA	Berks, PA	Montour, PA	58
Reading, PA	Berks, PA	Morris, NJ	78
Reading, PA	Berks, PA	New Castle, DE	60
Reading, PA	Berks, PA	Northampton, PA	37
Reading, PA	Berks, PA	Northumberland, PA	52
Reading, PA	Berks, PA	Ocean, NJ	95
Reading, PA	Berks, PA	Orange, NY	108
Reading, PA	Berks, PA	Passaic, NJ	95
Reading, PA	Berks, PA	Perry, PA	71
Reading, PA	Berks, PA	Philadelphia, PA	50
Reading, PA	Berks, PA	Pike, PA	79
Reading, PA	Berks, PA	Potter, PA	138
Reading, PA	Berks, PA	Prince George's, MD	119
Reading, PA	Berks, PA	Queen Anne's, MD	94
Reading, PA	Berks, PA	Salem, NJ	66
Reading, PA	Berks, PA	Schuylkill, PA	25
Reading, PA	Berks, PA	Snyder, PA	67
Reading, PA	Berks, PA	Somerset, NJ	70
Reading, PA	Berks, PA	Steuben, NY	151
Reading, PA	Berks, PA	Sullivan, NY	109
Reading, PA	Berks, PA	Sullivan, PA	77
Reading, PA	Berks, PA	Susquehanna, PA	98
Reading, PA	Berks, PA	Sussex, DE	121
Reading, PA	Berks, PA	Sussex, NJ	82
Reading, PA	Berks, PA	Talbot, MD	114
Reading, PA	Berks, PA	Tioga, NY	126
Reading, PA	Berks, PA	Tioga, PA	117
Reading, PA	Berks, PA	Union, NJ	89
Reading, PA	Berks, PA	Union, PA	71
Reading, PA	Berks, PA	Warren, NJ	59
Reading, PA	Berks, PA	Washington, MD	113
Reading, PA	Berks, PA	Wayne, PA	91
Reading, PA	Berks, PA	Wicomico, MD	140
Reading, PA	Berks, PA	Worcester, MD	154
Reading, PA	Berks, PA	Wyoming, PA	77
Reading, PA	Berks, PA	York, PA	52

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Sacramento, CA	Placer, CA	Ada, ID	387
Sacramento, CA	Placer, CA	Alameda, CA	111
Sacramento, CA	Placer, CA	Alpine, CA	55
Sacramento, CA	Placer, CA	Amador, CA	38
Sacramento, CA	Placer, CA	Baker, OR	419
Sacramento, CA	Placer, CA	Box Elder, UT	416
Sacramento, CA	Placer, CA	Butte, CA	67
Sacramento, CA	Placer, CA	Calaveras, CA	58
Sacramento, CA	Placer, CA	Canyon, ID	381
Sacramento, CA	Placer, CA	Carson, NV	56
Sacramento, CA	Placer, CA	Cassia, ID	438
Sacramento, CA	Placer, CA	Churchill, NV	135
Sacramento, CA	Placer, CA	Clark, NV	370
Sacramento, CA	Placer, CA	Colusa, CA	79
Sacramento, CA	Placer, CA	Contra Costa, CA	101
Sacramento, CA	Placer, CA	Crook, OR	355
Sacramento, CA	Placer, CA	Del Norte, CA	249
Sacramento, CA	Placer, CA	Deschutes, OR	347
Sacramento, CA	Placer, CA	Douglas, NV	64
Sacramento, CA	Placer, CA	Douglas, OR	318
Sacramento, CA	Placer, CA	El Dorado, CA	20
Sacramento, CA	Placer, CA	Elko, NV	310
Sacramento, CA	Placer, CA	Elmore, ID	408
Sacramento, CA	Placer, CA	Esmeralda, NV	189
Sacramento, CA	Placer, CA	Eureka, NV	253
Sacramento, CA	Placer, CA	Fresno, CA	167
Sacramento, CA	Placer, CA	Glenn, CA	99
Sacramento, CA	Placer, CA	Grant, OR	388
Sacramento, CA	Placer, CA	Harney, OR	291
Sacramento, CA	Placer, CA	Humboldt, CA	205
Sacramento, CA	Placer, CA	Humboldt, NV	207
Sacramento, CA	Placer, CA	Inyo, CA	242
Sacramento, CA	Placer, CA	Jackson, OR	263
Sacramento, CA	Placer, CA	Jefferson, OR	387
Sacramento, CA	Placer, CA	Josephine, OR	278
Sacramento, CA	Placer, CA	Kern, CA	280
Sacramento, CA	Placer, CA	Kings, CA	206
Sacramento, CA	Placer, CA	Klamath, OR	268
Sacramento, CA	Placer, CA	Lake, CA	110
Sacramento, CA	Placer, CA	Lake, OR	262
Sacramento, CA	Placer, CA	Lander, NV	209
Sacramento, CA	Placer, CA	Lane, OR	351
Sacramento, CA	Placer, CA	Lassen, CA	99
Sacramento, CA	Placer, CA	Lincoln, NV	325
Sacramento, CA	Placer, CA	Linn, OR	390
Sacramento, CA	Placer, CA	Lyon, NV	87
Sacramento, CA	Placer, CA	Madera, CA	135
Sacramento, CA	Placer, CA	Malheur, OR	333
Sacramento, CA	Placer, CA	Marin, CA	126

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Sacramento, CA	Placer, CA	Mariposa, CA	110
Sacramento, CA	Placer, CA	Mendocino, CA	147
Sacramento, CA	Placer, CA	Merced, CA	127
Sacramento, CA	Placer, CA	Mineral, NV	137
Sacramento, CA	Placer, CA	Modoc, CA	178
Sacramento, CA	Placer, CA	Mono, CA	112
Sacramento, CA	Placer, CA	Monterey, CA	189
Sacramento, CA	Placer, CA	Morrow, OR	450
Sacramento, CA	Placer, CA	Napa, CA	92
Sacramento, CA	Placer, CA	Nevada, CA	23
Sacramento, CA	Placer, CA	Nye, NV	249
Sacramento, CA	Placer, CA	Owyhee, ID	354
Sacramento, CA	Placer, CA	Payette, ID	398
Sacramento, CA	Placer, CA	Pershing, NV	164
Sacramento, CA	Placer, CA	Placer, CA	13
Sacramento, CA	Placer, CA	Plumas, CA	70
Sacramento, CA	Placer, CA	Sacramento, CA	53
Sacramento, CA	Placer, CA	San Benito, CA	168
Sacramento, CA	Placer, CA	San Bernardino, CA	386
Sacramento, CA	Placer, CA	San Francisco, CA	127
Sacramento, CA	Placer, CA	San Joaquin, CA	82
Sacramento, CA	Placer, CA	San Mateo, CA	140
Sacramento, CA	Placer, CA	Santa Clara, CA	137
Sacramento, CA	Placer, CA	Santa Cruz, CA	152
Sacramento, CA	Placer, CA	Shasta, CA	137
Sacramento, CA	Placer, CA	Sierra, CA	41
Sacramento, CA	Placer, CA	Siskiyou, CA	196
Sacramento, CA	Placer, CA	Solano, CA	80
Sacramento, CA	Placer, CA	Sonoma, CA	119
Sacramento, CA	Placer, CA	Stanislaus, CA	98
Sacramento, CA	Placer, CA	Storey, NV	71
Sacramento, CA	Placer, CA	Sutter, CA	52
Sacramento, CA	Placer, CA	Tehama, CA	110
Sacramento, CA	Placer, CA	Tooele, UT	418
Sacramento, CA	Placer, CA	Trinity, CA	171
Sacramento, CA	Placer, CA	Tulare, CA	217
Sacramento, CA	Placer, CA	Tuolumne, CA	82
Sacramento, CA	Placer, CA	Twin Falls, ID	402
Sacramento, CA	Placer, CA	Umatilla, OR	461
Sacramento, CA	Placer, CA	Union, OR	463
Sacramento, CA	Placer, CA	Washington, ID	429
Sacramento, CA	Placer, CA	Washoe, NV	123
Sacramento, CA	Placer, CA	Wheeler, OR	394
Sacramento, CA	Placer, CA	White Pine, NV	310
Sacramento, CA	Placer, CA	Yolo, CA	66
Sacramento, CA	Placer, CA	Yuba, CA	42
Sacramento, CA	Sacramento, CA	Ada, ID	439
Sacramento, CA	Sacramento, CA	Alameda, CA	58
Sacramento, CA	Sacramento, CA	Alpine, CA	79

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Sacramento, CA	Sacramento, CA	Amador, CA	30
Sacramento, CA	Sacramento, CA	Baker, OR	471
Sacramento, CA	Sacramento, CA	Box Elder, UT	462
Sacramento, CA	Sacramento, CA	Butte, CA	95
Sacramento, CA	Sacramento, CA	Calaveras, CA	36
Sacramento, CA	Sacramento, CA	Canyon, ID	434
Sacramento, CA	Sacramento, CA	Carson, NV	100
Sacramento, CA	Sacramento, CA	Cassia, ID	486
Sacramento, CA	Sacramento, CA	Churchill, NV	179
Sacramento, CA	Sacramento, CA	Clark, NV	373
Sacramento, CA	Sacramento, CA	Colusa, CA	74
Sacramento, CA	Sacramento, CA	Contra Costa, CA	50
Sacramento, CA	Sacramento, CA	Crook, OR	401
Sacramento, CA	Sacramento, CA	Del Norte, CA	268
Sacramento, CA	Sacramento, CA	Deschutes, OR	389
Sacramento, CA	Sacramento, CA	Douglas, NV	97
Sacramento, CA	Sacramento, CA	Douglas, OR	352
Sacramento, CA	Sacramento, CA	El Dorado, CA	49
Sacramento, CA	Sacramento, CA	Elko, NV	358
Sacramento, CA	Sacramento, CA	Elmore, ID	461
Sacramento, CA	Sacramento, CA	Esmeralda, NV	201
Sacramento, CA	Sacramento, CA	Eureka, NV	296
Sacramento, CA	Sacramento, CA	Fresno, CA	143
Sacramento, CA	Sacramento, CA	Glenn, CA	105
Sacramento, CA	Sacramento, CA	Grant, OR	438
Sacramento, CA	Sacramento, CA	Harney, OR	341
Sacramento, CA	Sacramento, CA	Humboldt, CA	215
Sacramento, CA	Sacramento, CA	Humboldt, NV	259
Sacramento, CA	Sacramento, CA	Inyo, CA	239
Sacramento, CA	Sacramento, CA	Jackson, OR	296
Sacramento, CA	Sacramento, CA	Jefferson, OR	431
Sacramento, CA	Sacramento, CA	Josephine, OR	304
Sacramento, CA	Sacramento, CA	Kern, CA	255
Sacramento, CA	Sacramento, CA	Kings, CA	176
Sacramento, CA	Sacramento, CA	Klamath, OR	308
Sacramento, CA	Sacramento, CA	Lake, CA	97
Sacramento, CA	Sacramento, CA	Lake, OR	308
Sacramento, CA	Sacramento, CA	Lander, NV	254
Sacramento, CA	Sacramento, CA	Lane, OR	387
Sacramento, CA	Sacramento, CA	Lassen, CA	147
Sacramento, CA	Sacramento, CA	Lincoln, NV	346
Sacramento, CA	Sacramento, CA	Linn, OR	428
Sacramento, CA	Sacramento, CA	Lyon, NV	125
Sacramento, CA	Sacramento, CA	Madera, CA	118
Sacramento, CA	Sacramento, CA	Malheur, OR	386
Sacramento, CA	Sacramento, CA	Marin, CA	82
Sacramento, CA	Sacramento, CA	Mariposa, CA	92
Sacramento, CA	Sacramento, CA	Mendocino, CA	136
Sacramento, CA	Sacramento, CA	Merced, CA	90

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Sacramento, CA	Sacramento, CA	Mineral, NV	161
Sacramento, CA	Sacramento, CA	Modoc, CA	224
Sacramento, CA	Sacramento, CA	Mono, CA	123
Sacramento, CA	Sacramento, CA	Monterey, CA	141
Sacramento, CA	Sacramento, CA	Morrow, OR	498
Sacramento, CA	Sacramento, CA	Napa, CA	58
Sacramento, CA	Sacramento, CA	Nevada, CA	63
Sacramento, CA	Sacramento, CA	Nye, NV	264
Sacramento, CA	Sacramento, CA	Owyhee, ID	406
Sacramento, CA	Sacramento, CA	Payette, ID	451
Sacramento, CA	Sacramento, CA	Pershing, NV	215
Sacramento, CA	Sacramento, CA	Placer, CA	53
Sacramento, CA	Sacramento, CA	Plumas, CA	117
Sacramento, CA	Sacramento, CA	Sacramento, CA	17
Sacramento, CA	Sacramento, CA	San Benito, CA	124
Sacramento, CA	Sacramento, CA	San Bernardino, CA	377
Sacramento, CA	Sacramento, CA	San Francisco, CA	77
Sacramento, CA	Sacramento, CA	San Joaquin, CA	34
Sacramento, CA	Sacramento, CA	San Mateo, CA	88
Sacramento, CA	Sacramento, CA	Santa Clara, CA	86
Sacramento, CA	Sacramento, CA	Santa Cruz, CA	100
Sacramento, CA	Sacramento, CA	Shasta, CA	168
Sacramento, CA	Sacramento, CA	Sierra, CA	93
Sacramento, CA	Sacramento, CA	Siskiyou, CA	226
Sacramento, CA	Sacramento, CA	Solano, CA	35
Sacramento, CA	Sacramento, CA	Sonoma, CA	85
Sacramento, CA	Sacramento, CA	Stanislaus, CA	57
Sacramento, CA	Sacramento, CA	Storey, NV	119
Sacramento, CA	Sacramento, CA	Sutter, CA	50
Sacramento, CA	Sacramento, CA	Tehama, CA	131
Sacramento, CA	Sacramento, CA	Tooele, UT	459
Sacramento, CA	Sacramento, CA	Trinity, CA	187
Sacramento, CA	Sacramento, CA	Tulare, CA	199
Sacramento, CA	Sacramento, CA	Tuolumne, CA	79
Sacramento, CA	Sacramento, CA	Twin Falls, ID	453
Sacramento, CA	Sacramento, CA	Umatilla, OR	511
Sacramento, CA	Sacramento, CA	Union, OR	514
Sacramento, CA	Sacramento, CA	Washington, ID	481
Sacramento, CA	Sacramento, CA	Washoe, NV	175
Sacramento, CA	Sacramento, CA	Wheeler, OR	441
Sacramento, CA	Sacramento, CA	White Pine, NV	346
Sacramento, CA	Sacramento, CA	Yolo, CA	36
Sacramento, CA	Sacramento, CA	Yuba, CA	63
Salt Lake City, UT	Davis, UT	Ada, ID	280
Salt Lake City, UT	Davis, UT	Albany, WY	328
Salt Lake City, UT	Davis, UT	Apache, AZ	420
Salt Lake City, UT	Davis, UT	Baker, OR	392
Salt Lake City, UT	Davis, UT	Bannock, ID	115
Salt Lake City, UT	Davis, UT	Bear Lake, ID	96

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Salt Lake City, UT	Davis, UT	Beaver, UT	194
Salt Lake City, UT	Davis, UT	Big Horn, WY	319
Salt Lake City, UT	Davis, UT	Bingham, ID	157
Salt Lake City, UT	Davis, UT	Blaine, ID	190
Salt Lake City, UT	Davis, UT	Boise, ID	285
Salt Lake City, UT	Davis, UT	Bonneville, ID	163
Salt Lake City, UT	Davis, UT	Box Elder, UT	93
Salt Lake City, UT	Davis, UT	Butte, ID	201
Salt Lake City, UT	Davis, UT	Cache, UT	49
Salt Lake City, UT	Davis, UT	Camas, ID	231
Salt Lake City, UT	Davis, UT	Campbell, WY	394
Salt Lake City, UT	Davis, UT	Canyon, ID	302
Salt Lake City, UT	Davis, UT	Carbon, MT	330
Salt Lake City, UT	Davis, UT	Carbon, UT	116
Salt Lake City, UT	Davis, UT	Carbon, WY	270
Salt Lake City, UT	Davis, UT	Caribou, ID	121
Salt Lake City, UT	Davis, UT	Carson, NV	432
Salt Lake City, UT	Davis, UT	Cassia, ID	130
Salt Lake City, UT	Davis, UT	Churchill, NV	352
Salt Lake City, UT	Davis, UT	Clark, NV	394
Salt Lake City, UT	Davis, UT	Coconino, AZ	370
Salt Lake City, UT	Davis, UT	Converse, WY	356
Salt Lake City, UT	Davis, UT	Crook, OR	480
Salt Lake City, UT	Davis, UT	Custer, ID	255
Salt Lake City, UT	Davis, UT	Daggett, UT	112
Salt Lake City, UT	Davis, UT	Davis, UT	12
Salt Lake City, UT	Davis, UT	Deschutes, OR	527
Salt Lake City, UT	Davis, UT	Dolores, CO	292
Salt Lake City, UT	Davis, UT	Duchesne, UT	90
Salt Lake City, UT	Davis, UT	Eagle, CO	293
Salt Lake City, UT	Davis, UT	Elko, NV	189
Salt Lake City, UT	Davis, UT	Elmore, ID	251
Salt Lake City, UT	Davis, UT	Emery, UT	145
Salt Lake City, UT	Davis, UT	Esmeralda, NV	382
Salt Lake City, UT	Davis, UT	Eureka, NV	235
Salt Lake City, UT	Davis, UT	Franklin, ID	85
Salt Lake City, UT	Davis, UT	Fremont, ID	232
Salt Lake City, UT	Davis, UT	Fremont, WY	227
Salt Lake City, UT	Davis, UT	Fresno, CA	511
Salt Lake City, UT	Davis, UT	Garfield, CO	247
Salt Lake City, UT	Davis, UT	Garfield, UT	218
Salt Lake City, UT	Davis, UT	Gem, ID	313
Salt Lake City, UT	Davis, UT	Gooding, ID	202
Salt Lake City, UT	Davis, UT	Grand, CO	310
Salt Lake City, UT	Davis, UT	Grand, UT	184
Salt Lake City, UT	Davis, UT	Grant, OR	434
Salt Lake City, UT	Davis, UT	Harney, OR	394
Salt Lake City, UT	Davis, UT	Hot Springs, WY	256
Salt Lake City, UT	Davis, UT	Humboldt, NV	326

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Salt Lake City, UT	Davis, UT	Inyo, CA	427
Salt Lake City, UT	Davis, UT	Iron, UT	232
Salt Lake City, UT	Davis, UT	Jackson, CO	293
Salt Lake City, UT	Davis, UT	Jefferson, ID	199
Salt Lake City, UT	Davis, UT	Jerome, ID	169
Salt Lake City, UT	Davis, UT	Johnson, WY	344
Salt Lake City, UT	Davis, UT	Juab, UT	105
Salt Lake City, UT	Davis, UT	Kane, UT	257
Salt Lake City, UT	Davis, UT	Kern, CA	540
Salt Lake City, UT	Davis, UT	La Paz, AZ	518
Salt Lake City, UT	Davis, UT	Lake, OR	467
Salt Lake City, UT	Davis, UT	Lander, NV	278
Salt Lake City, UT	Davis, UT	Laramie, WY	378
Salt Lake City, UT	Davis, UT	Larimer, CO	339
Salt Lake City, UT	Davis, UT	Lassen, CA	460
Salt Lake City, UT	Davis, UT	Lincoln, ID	180
Salt Lake City, UT	Davis, UT	Lincoln, NV	277
Salt Lake City, UT	Davis, UT	Lincoln, WY	116
Salt Lake City, UT	Davis, UT	Lyon, NV	405
Salt Lake City, UT	Davis, UT	Madison, ID	193
Salt Lake City, UT	Davis, UT	Malheur, OR	331
Salt Lake City, UT	Davis, UT	Mesa, CO	226
Salt Lake City, UT	Davis, UT	Millard, UT	146
Salt Lake City, UT	Davis, UT	Mineral, NV	382
Salt Lake City, UT	Davis, UT	Minidoka, ID	155
Salt Lake City, UT	Davis, UT	Modoc, CA	460
Salt Lake City, UT	Davis, UT	Moffat, CO	197
Salt Lake City, UT	Davis, UT	Mohave, AZ	389
Salt Lake City, UT	Davis, UT	Mono, CA	430
Salt Lake City, UT	Davis, UT	Montezuma, CO	309
Salt Lake City, UT	Davis, UT	Montrose, CO	263
Salt Lake City, UT	Davis, UT	Morgan, UT	15
Salt Lake City, UT	Davis, UT	Natrona, WY	297
Salt Lake City, UT	Davis, UT	Navajo, AZ	404
Salt Lake City, UT	Davis, UT	Nevada, CA	496
Salt Lake City, UT	Davis, UT	Niobrara, WY	407
Salt Lake City, UT	Davis, UT	Nye, NV	342
Salt Lake City, UT	Davis, UT	Oneida, ID	93
Salt Lake City, UT	Davis, UT	Owyhee, ID	257
Salt Lake City, UT	Davis, UT	Park, MT	327
Salt Lake City, UT	Davis, UT	Park, WY	268
Salt Lake City, UT	Davis, UT	Payette, ID	325
Salt Lake City, UT	Davis, UT	Pershing, NV	338
Salt Lake City, UT	Davis, UT	Pitkin, CO	292
Salt Lake City, UT	Davis, UT	Piute, UT	184
Salt Lake City, UT	Davis, UT	Placer, CA	488
Salt Lake City, UT	Davis, UT	Platte, WY	368
Salt Lake City, UT	Davis, UT	Power, ID	129
Salt Lake City, UT	Davis, UT	Rich, UT	53

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Salt Lake City, UT	Davis, UT	Rio Blanco, CO	209
Salt Lake City, UT	Davis, UT	Routt, CO	257
Salt Lake City, UT	Davis, UT	Salt Lake, UT	22
Salt Lake City, UT	Davis, UT	San Bernardino, CA	483
Salt Lake City, UT	Davis, UT	San Juan, NM	365
Salt Lake City, UT	Davis, UT	San Juan, UT	252
Salt Lake City, UT	Davis, UT	San Miguel, CO	280
Salt Lake City, UT	Davis, UT	Sanpete, UT	110
Salt Lake City, UT	Davis, UT	Sevier, UT	153
Salt Lake City, UT	Davis, UT	Sierra, CA	464
Salt Lake City, UT	Davis, UT	Storey, NV	417
Salt Lake City, UT	Davis, UT	Sublette, WY	164
Salt Lake City, UT	Davis, UT	Summit, UT	60
Salt Lake City, UT	Davis, UT	Sweetwater, WY	158
Salt Lake City, UT	Davis, UT	Teton, ID	194
Salt Lake City, UT	Davis, UT	Teton, WY	216
Salt Lake City, UT	Davis, UT	Tooele, UT	73
Salt Lake City, UT	Davis, UT	Tulare, CA	496
Salt Lake City, UT	Davis, UT	Twin Falls, ID	170
Salt Lake City, UT	Davis, UT	Uinta, WY	74
Salt Lake City, UT	Davis, UT	Uintah, UT	138
Salt Lake City, UT	Davis, UT	Utah, UT	57
Salt Lake City, UT	Davis, UT	Wasatch, UT	63
Salt Lake City, UT	Davis, UT	Washakie, WY	293
Salt Lake City, UT	Davis, UT	Washington, ID	350
Salt Lake City, UT	Davis, UT	Washington, UT	268
Salt Lake City, UT	Davis, UT	Washoe, NV	407
Salt Lake City, UT	Davis, UT	Wayne, UT	192
Salt Lake City, UT	Davis, UT	Weber, UT	20
Salt Lake City, UT	Davis, UT	Weston, WY	423
Salt Lake City, UT	Davis, UT	White Pine, NV	196
Salt Lake City, UT	Davis, UT	Yavapai, AZ	435
Salt Lake City, UT	Salt Lake, UT	Ada, ID	294
Salt Lake City, UT	Salt Lake, UT	Albany, WY	332
Salt Lake City, UT	Salt Lake, UT	Apache, AZ	399
Salt Lake City, UT	Salt Lake, UT	Baker, OR	408
Salt Lake City, UT	Salt Lake, UT	Bannock, ID	137
Salt Lake City, UT	Salt Lake, UT	Bear Lake, ID	117
Salt Lake City, UT	Salt Lake, UT	Beaver, UT	174
Salt Lake City, UT	Salt Lake, UT	Big Horn, WY	336
Salt Lake City, UT	Salt Lake, UT	Bingham, ID	179
Salt Lake City, UT	Salt Lake, UT	Blaine, ID	209
Salt Lake City, UT	Salt Lake, UT	Boise, ID	302
Salt Lake City, UT	Salt Lake, UT	Bonneville, ID	185
Salt Lake City, UT	Salt Lake, UT	Box Elder, UT	104
Salt Lake City, UT	Salt Lake, UT	Butte, ID	222
Salt Lake City, UT	Salt Lake, UT	Cache, UT	71
Salt Lake City, UT	Salt Lake, UT	Camas, ID	249
Salt Lake City, UT	Salt Lake, UT	Campbell, WY	408

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Salt Lake City, UT	Salt Lake, UT	Canyon, ID	316
Salt Lake City, UT	Salt Lake, UT	Carbon, MT	351
Salt Lake City, UT	Salt Lake, UT	Carbon, UT	99
Salt Lake City, UT	Salt Lake, UT	Carbon, WY	276
Salt Lake City, UT	Salt Lake, UT	Caribou, ID	143
Salt Lake City, UT	Salt Lake, UT	Carson, NV	427
Salt Lake City, UT	Salt Lake, UT	Cassia, ID	147
Salt Lake City, UT	Salt Lake, UT	Churchill, NV	348
Salt Lake City, UT	Salt Lake, UT	Clark, NV	375
Salt Lake City, UT	Salt Lake, UT	Coconino, AZ	348
Salt Lake City, UT	Salt Lake, UT	Converse, WY	365
Salt Lake City, UT	Salt Lake, UT	Crook, OR	492
Salt Lake City, UT	Salt Lake, UT	Custer, ID	274
Salt Lake City, UT	Salt Lake, UT	Daggett, UT	112
Salt Lake City, UT	Salt Lake, UT	Davis, UT	22
Salt Lake City, UT	Salt Lake, UT	Deschutes, OR	537
Salt Lake City, UT	Salt Lake, UT	Dolores, CO	275
Salt Lake City, UT	Salt Lake, UT	Duchesne, UT	81
Salt Lake City, UT	Salt Lake, UT	Eagle, CO	287
Salt Lake City, UT	Salt Lake, UT	Elko, NV	191
Salt Lake City, UT	Salt Lake, UT	Elmore, ID	267
Salt Lake City, UT	Salt Lake, UT	Emery, UT	126
Salt Lake City, UT	Salt Lake, UT	Esmeralda, NV	370
Salt Lake City, UT	Salt Lake, UT	Eureka, NV	231
Salt Lake City, UT	Salt Lake, UT	Franklin, ID	107
Salt Lake City, UT	Salt Lake, UT	Fremont, ID	254
Salt Lake City, UT	Salt Lake, UT	Fremont, WY	242
Salt Lake City, UT	Salt Lake, UT	Fresno, CA	499
Salt Lake City, UT	Salt Lake, UT	Garfield, CO	240
Salt Lake City, UT	Salt Lake, UT	Garfield, UT	196
Salt Lake City, UT	Salt Lake, UT	Gem, ID	329
Salt Lake City, UT	Salt Lake, UT	Gooding, ID	217
Salt Lake City, UT	Salt Lake, UT	Grand, CO	306
Salt Lake City, UT	Salt Lake, UT	Grand, UT	168
Salt Lake City, UT	Salt Lake, UT	Grant, OR	447
Salt Lake City, UT	Salt Lake, UT	Harney, OR	403
Salt Lake City, UT	Salt Lake, UT	Hot Springs, WY	273
Salt Lake City, UT	Salt Lake, UT	Humboldt, NV	329
Salt Lake City, UT	Salt Lake, UT	Inyo, CA	412
Salt Lake City, UT	Salt Lake, UT	Iron, UT	212
Salt Lake City, UT	Salt Lake, UT	Jackson, CO	293
Salt Lake City, UT	Salt Lake, UT	Jefferson, ID	221
Salt Lake City, UT	Salt Lake, UT	Jerome, ID	185
Salt Lake City, UT	Salt Lake, UT	Johnson, WY	358
Salt Lake City, UT	Salt Lake, UT	Juab, UT	87
Salt Lake City, UT	Salt Lake, UT	Kane, UT	235
Salt Lake City, UT	Salt Lake, UT	Kern, CA	525
Salt Lake City, UT	Salt Lake, UT	La Paz, AZ	497
Salt Lake City, UT	Salt Lake, UT	Lake, OR	475

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Salt Lake City, UT	Salt Lake, UT	Lander, NV	275
Salt Lake City, UT	Salt Lake, UT	Laramie, WY	380
Salt Lake City, UT	Salt Lake, UT	Larimer, CO	339
Salt Lake City, UT	Salt Lake, UT	Lassen, CA	460
Salt Lake City, UT	Salt Lake, UT	Lincoln, ID	198
Salt Lake City, UT	Salt Lake, UT	Lincoln, NV	260
Salt Lake City, UT	Salt Lake, UT	Lincoln, WY	136
Salt Lake City, UT	Salt Lake, UT	Lyon, NV	399
Salt Lake City, UT	Salt Lake, UT	Madison, ID	215
Salt Lake City, UT	Salt Lake, UT	Malheur, OR	343
Salt Lake City, UT	Salt Lake, UT	Mesa, CO	213
Salt Lake City, UT	Salt Lake, UT	Millard, UT	126
Salt Lake City, UT	Salt Lake, UT	Mineral, NV	373
Salt Lake City, UT	Salt Lake, UT	Minidoka, ID	174
Salt Lake City, UT	Salt Lake, UT	Modoc, CA	464
Salt Lake City, UT	Salt Lake, UT	Moffat, CO	195
Salt Lake City, UT	Salt Lake, UT	Mohave, AZ	368
Salt Lake City, UT	Salt Lake, UT	Mono, CA	421
Salt Lake City, UT	Salt Lake, UT	Montezuma, CO	291
Salt Lake City, UT	Salt Lake, UT	Montrose, CO	248
Salt Lake City, UT	Salt Lake, UT	Morgan, UT	31
Salt Lake City, UT	Salt Lake, UT	Natrona, WY	308
Salt Lake City, UT	Salt Lake, UT	Navajo, AZ	383
Salt Lake City, UT	Salt Lake, UT	Nevada, CA	492
Salt Lake City, UT	Salt Lake, UT	Niobrara, WY	416
Salt Lake City, UT	Salt Lake, UT	Nye, NV	327
Salt Lake City, UT	Salt Lake, UT	Oneida, ID	114
Salt Lake City, UT	Salt Lake, UT	Owyhee, ID	269
Salt Lake City, UT	Salt Lake, UT	Park, MT	348
Salt Lake City, UT	Salt Lake, UT	Park, WY	288
Salt Lake City, UT	Salt Lake, UT	Payette, ID	340
Salt Lake City, UT	Salt Lake, UT	Pershing, NV	337
Salt Lake City, UT	Salt Lake, UT	Pitkin, CO	283
Salt Lake City, UT	Salt Lake, UT	Piute, UT	162
Salt Lake City, UT	Salt Lake, UT	Placer, CA	483
Salt Lake City, UT	Salt Lake, UT	Platte, WY	374
Salt Lake City, UT	Salt Lake, UT	Power, ID	150
Salt Lake City, UT	Salt Lake, UT	Rich, UT	71
Salt Lake City, UT	Salt Lake, UT	Rio Blanco, CO	203
Salt Lake City, UT	Salt Lake, UT	Routt, CO	256
Salt Lake City, UT	Salt Lake, UT	Salt Lake, UT	16
Salt Lake City, UT	Salt Lake, UT	San Bernardino, CA	464
Salt Lake City, UT	Salt Lake, UT	San Juan, NM	347
Salt Lake City, UT	Salt Lake, UT	San Juan, UT	233
Salt Lake City, UT	Salt Lake, UT	San Miguel, CO	264
Salt Lake City, UT	Salt Lake, UT	Sanpete, UT	88
Salt Lake City, UT	Salt Lake, UT	Sevier, UT	131
Salt Lake City, UT	Salt Lake, UT	Sierra, CA	461
Salt Lake City, UT	Salt Lake, UT	Storey, NV	413

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Salt Lake City, UT	Salt Lake, UT	Sublette, WY	182
Salt Lake City, UT	Salt Lake, UT	Summit, UT	62
Salt Lake City, UT	Salt Lake, UT	Sweetwater, WY	166
Salt Lake City, UT	Salt Lake, UT	Teton, ID	215
Salt Lake City, UT	Salt Lake, UT	Teton, WY	237
Salt Lake City, UT	Salt Lake, UT	Tooele, UT	65
Salt Lake City, UT	Salt Lake, UT	Tulare, CA	483
Salt Lake City, UT	Salt Lake, UT	Twin Falls, ID	185
Salt Lake City, UT	Salt Lake, UT	Uinta, WY	83
Salt Lake City, UT	Salt Lake, UT	Uintah, UT	131
Salt Lake City, UT	Salt Lake, UT	Utah, UT	36
Salt Lake City, UT	Salt Lake, UT	Wasatch, UT	48
Salt Lake City, UT	Salt Lake, UT	Washakie, WY	309
Salt Lake City, UT	Salt Lake, UT	Washington, ID	366
Salt Lake City, UT	Salt Lake, UT	Washington, UT	247
Salt Lake City, UT	Salt Lake, UT	Washoe, NV	407
Salt Lake City, UT	Salt Lake, UT	Wayne, UT	171
Salt Lake City, UT	Salt Lake, UT	Weber, UT	42
Salt Lake City, UT	Salt Lake, UT	Weston, WY	435
Salt Lake City, UT	Salt Lake, UT	White Pine, NV	185
Salt Lake City, UT	Salt Lake, UT	Yavapai, AZ	413
Salt Lake City, UT	Weber, UT	Ada, ID	269
Salt Lake City, UT	Weber, UT	Albany, WY	322
Salt Lake City, UT	Weber, UT	Apache, AZ	438
Salt Lake City, UT	Weber, UT	Baker, OR	380
Salt Lake City, UT	Weber, UT	Bannock, ID	95
Salt Lake City, UT	Weber, UT	Bear Lake, ID	76
Salt Lake City, UT	Weber, UT	Beaver, UT	214
Salt Lake City, UT	Weber, UT	Big Horn, WY	301
Salt Lake City, UT	Weber, UT	Bingham, ID	138
Salt Lake City, UT	Weber, UT	Blaine, ID	174
Salt Lake City, UT	Weber, UT	Boise, ID	272
Salt Lake City, UT	Weber, UT	Bonneville, ID	143
Salt Lake City, UT	Weber, UT	Box Elder, UT	89
Salt Lake City, UT	Weber, UT	Butte, ID	182
Salt Lake City, UT	Weber, UT	Cache, UT	29
Salt Lake City, UT	Weber, UT	Camas, ID	217
Salt Lake City, UT	Weber, UT	Campbell, WY	381
Salt Lake City, UT	Weber, UT	Canyon, ID	292
Salt Lake City, UT	Weber, UT	Carbon, MT	311
Salt Lake City, UT	Weber, UT	Carbon, UT	132
Salt Lake City, UT	Weber, UT	Carbon, WY	265
Salt Lake City, UT	Weber, UT	Caribou, ID	101
Salt Lake City, UT	Weber, UT	Carson, NV	440
Salt Lake City, UT	Weber, UT	Cassia, ID	117
Salt Lake City, UT	Weber, UT	Churchill, NV	360
Salt Lake City, UT	Weber, UT	Clark, NV	413
Salt Lake City, UT	Weber, UT	Coconino, AZ	391
Salt Lake City, UT	Weber, UT	Converse, WY	346

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Salt Lake City, UT	Weber, UT	Crook, OR	472
Salt Lake City, UT	Weber, UT	Custer, ID	238
Salt Lake City, UT	Weber, UT	Daggett, UT	114
Salt Lake City, UT	Weber, UT	Davis, UT	20
Salt Lake City, UT	Weber, UT	Deschutes, OR	520
Salt Lake City, UT	Weber, UT	Dolores, CO	307
Salt Lake City, UT	Weber, UT	Duchesne, UT	100
Salt Lake City, UT	Weber, UT	Eagle, CO	297
Salt Lake City, UT	Weber, UT	Elko, NV	191
Salt Lake City, UT	Weber, UT	Elmore, ID	239
Salt Lake City, UT	Weber, UT	Emery, UT	163
Salt Lake City, UT	Weber, UT	Esmeralda, NV	396
Salt Lake City, UT	Weber, UT	Eureka, NV	243
Salt Lake City, UT	Weber, UT	Franklin, ID	65
Salt Lake City, UT	Weber, UT	Fremont, ID	211
Salt Lake City, UT	Weber, UT	Fremont, WY	212
Salt Lake City, UT	Weber, UT	Fresno, CA	523
Salt Lake City, UT	Weber, UT	Garfield, CO	252
Salt Lake City, UT	Weber, UT	Garfield, UT	238
Salt Lake City, UT	Weber, UT	Gem, ID	300
Salt Lake City, UT	Weber, UT	Gooding, ID	190
Salt Lake City, UT	Weber, UT	Grand, CO	312
Salt Lake City, UT	Weber, UT	Grand, UT	198
Salt Lake City, UT	Weber, UT	Grant, OR	424
Salt Lake City, UT	Weber, UT	Harney, OR	388
Salt Lake City, UT	Weber, UT	Hot Springs, WY	239
Salt Lake City, UT	Weber, UT	Humboldt, NV	327
Salt Lake City, UT	Weber, UT	Inyo, CA	442
Salt Lake City, UT	Weber, UT	Iron, UT	252
Salt Lake City, UT	Weber, UT	Jackson, CO	293
Salt Lake City, UT	Weber, UT	Jefferson, ID	179
Salt Lake City, UT	Weber, UT	Jerome, ID	157
Salt Lake City, UT	Weber, UT	Johnson, WY	330
Salt Lake City, UT	Weber, UT	Juab, UT	124
Salt Lake City, UT	Weber, UT	Kane, UT	277
Salt Lake City, UT	Weber, UT	Kern, CA	556
Salt Lake City, UT	Weber, UT	La Paz, AZ	538
Salt Lake City, UT	Weber, UT	Lake, OR	463
Salt Lake City, UT	Weber, UT	Lander, NV	285
Salt Lake City, UT	Weber, UT	Laramie, WY	374
Salt Lake City, UT	Weber, UT	Larimer, CO	338
Salt Lake City, UT	Weber, UT	Lassen, CA	463
Salt Lake City, UT	Weber, UT	Lincoln, ID	166
Salt Lake City, UT	Weber, UT	Lincoln, NV	294
Salt Lake City, UT	Weber, UT	Lincoln, WY	98
Salt Lake City, UT	Weber, UT	Lyon, NV	413
Salt Lake City, UT	Weber, UT	Madison, ID	173
Salt Lake City, UT	Weber, UT	Malheur, OR	323
Salt Lake City, UT	Weber, UT	Mesa, CO	238

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Salt Lake City, UT	Weber, UT	Millard, UT	165
Salt Lake City, UT	Weber, UT	Mineral, NV	392
Salt Lake City, UT	Weber, UT	Minidoka, ID	140
Salt Lake City, UT	Weber, UT	Modoc, CA	459
Salt Lake City, UT	Weber, UT	Moffat, CO	198
Salt Lake City, UT	Weber, UT	Mohave, AZ	409
Salt Lake City, UT	Weber, UT	Mono, CA	441
Salt Lake City, UT	Weber, UT	Montezuma, CO	324
Salt Lake City, UT	Weber, UT	Montrose, CO	275
Salt Lake City, UT	Weber, UT	Morgan, UT	18
Salt Lake City, UT	Weber, UT	Natrona, WY	285
Salt Lake City, UT	Weber, UT	Navajo, AZ	423
Salt Lake City, UT	Weber, UT	Nevada, CA	502
Salt Lake City, UT	Weber, UT	Niobrara, WY	398
Salt Lake City, UT	Weber, UT	Nye, NV	357
Salt Lake City, UT	Weber, UT	Oneida, ID	76
Salt Lake City, UT	Weber, UT	Owyhee, ID	249
Salt Lake City, UT	Weber, UT	Park, MT	306
Salt Lake City, UT	Weber, UT	Park, WY	249
Salt Lake City, UT	Weber, UT	Payette, ID	314
Salt Lake City, UT	Weber, UT	Pershing, NV	342
Salt Lake City, UT	Weber, UT	Pitkin, CO	299
Salt Lake City, UT	Weber, UT	Piute, UT	205
Salt Lake City, UT	Weber, UT	Placer, CA	494
Salt Lake City, UT	Weber, UT	Platte, WY	361
Salt Lake City, UT	Weber, UT	Power, ID	111
Salt Lake City, UT	Weber, UT	Rich, UT	38
Salt Lake City, UT	Weber, UT	Rio Blanco, CO	215
Salt Lake City, UT	Weber, UT	Routt, CO	259
Salt Lake City, UT	Weber, UT	Salt Lake, UT	42
Salt Lake City, UT	Weber, UT	San Bernardino, CA	502
Salt Lake City, UT	Weber, UT	San Juan, NM	382
Salt Lake City, UT	Weber, UT	San Juan, UT	269
Salt Lake City, UT	Weber, UT	San Miguel, CO	294
Salt Lake City, UT	Weber, UT	Sanpete, UT	130
Salt Lake City, UT	Weber, UT	Sevier, UT	174
Salt Lake City, UT	Weber, UT	Sierra, CA	470
Salt Lake City, UT	Weber, UT	Storey, NV	424
Salt Lake City, UT	Weber, UT	Sublette, WY	147
Salt Lake City, UT	Weber, UT	Summit, UT	64
Salt Lake City, UT	Weber, UT	Sweetwater, WY	151
Salt Lake City, UT	Weber, UT	Teton, ID	173
Salt Lake City, UT	Weber, UT	Teton, WY	197
Salt Lake City, UT	Weber, UT	Tooele, UT	86
Salt Lake City, UT	Weber, UT	Tulare, CA	511
Salt Lake City, UT	Weber, UT	Twin Falls, ID	160
Salt Lake City, UT	Weber, UT	Uinta, WY	69
Salt Lake City, UT	Weber, UT	Uintah, UT	146
Salt Lake City, UT	Weber, UT	Utah, UT	77

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Salt Lake City, UT	Weber, UT	Wasatch, UT	78
Salt Lake City, UT	Weber, UT	Washakie, WY	278
Salt Lake City, UT	Weber, UT	Washington, ID	337
Salt Lake City, UT	Weber, UT	Washington, UT	288
Salt Lake City, UT	Weber, UT	Washoe, NV	410
Salt Lake City, UT	Weber, UT	Wayne, UT	211
Salt Lake City, UT	Weber, UT	Weber, UT	13
Salt Lake City, UT	Weber, UT	Weston, WY	412
Salt Lake City, UT	Weber, UT	White Pine, NV	209
Salt Lake City, UT	Weber, UT	Yavapai, AZ	456
San Francisco, CA	Santa Clara, CA	Alameda, CA	35
San Francisco, CA	Santa Clara, CA	Alpine, CA	143
San Francisco, CA	Santa Clara, CA	Amador, CA	103
San Francisco, CA	Santa Clara, CA	Butte, CA	175
San Francisco, CA	Santa Clara, CA	Calaveras, CA	90
San Francisco, CA	Santa Clara, CA	Carson, NV	175
San Francisco, CA	Santa Clara, CA	Churchill, NV	246
San Francisco, CA	Santa Clara, CA	Clark, NV	370
San Francisco, CA	Santa Clara, CA	Colusa, CA	139
San Francisco, CA	Santa Clara, CA	Contra Costa, CA	52
San Francisco, CA	Santa Clara, CA	Douglas, NV	162
San Francisco, CA	Santa Clara, CA	El Dorado, CA	128
San Francisco, CA	Santa Clara, CA	Esmeralda, NV	225
San Francisco, CA	Santa Clara, CA	Eureka, NV	358
San Francisco, CA	Santa Clara, CA	Fresno, CA	117
San Francisco, CA	Santa Clara, CA	Inyo, CA	236
San Francisco, CA	Santa Clara, CA	Kern, CA	212
San Francisco, CA	Santa Clara, CA	Kings, CA	130
San Francisco, CA	Santa Clara, CA	La Paz, AZ	502
San Francisco, CA	Santa Clara, CA	Lake, CA	146
San Francisco, CA	Santa Clara, CA	Lander, NV	320
San Francisco, CA	Santa Clara, CA	Lincoln, NV	373
San Francisco, CA	Santa Clara, CA	Los Angeles, CA	305
San Francisco, CA	Santa Clara, CA	Lyon, NV	192
San Francisco, CA	Santa Clara, CA	Madera, CA	115
San Francisco, CA	Santa Clara, CA	Marin, CA	82
San Francisco, CA	Santa Clara, CA	Mariposa, CA	100
San Francisco, CA	Santa Clara, CA	Mendocino, CA	178
San Francisco, CA	Santa Clara, CA	Merced, CA	61
San Francisco, CA	Santa Clara, CA	Mineral, NV	207
San Francisco, CA	Santa Clara, CA	Mohave, AZ	444
San Francisco, CA	Santa Clara, CA	Mono, CA	160
San Francisco, CA	Santa Clara, CA	Monterey, CA	59
San Francisco, CA	Santa Clara, CA	Napa, CA	97
San Francisco, CA	Santa Clara, CA	Nevada, CA	149
San Francisco, CA	Santa Clara, CA	Nye, NV	287
San Francisco, CA	Santa Clara, CA	Orange, CA	332
San Francisco, CA	Santa Clara, CA	Placer, CA	137
San Francisco, CA	Santa Clara, CA	Riverside, CA	399

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Francisco, CA	Santa Clara, CA	Sacramento, CA	86
San Francisco, CA	Santa Clara, CA	San Benito, CA	56
San Francisco, CA	Santa Clara, CA	San Bernardino, CA	354
San Francisco, CA	Santa Clara, CA	San Francisco, CA	56
San Francisco, CA	Santa Clara, CA	San Joaquin, CA	55
San Francisco, CA	Santa Clara, CA	San Luis Obispo, CA	149
San Francisco, CA	Santa Clara, CA	San Mateo, CA	36
San Francisco, CA	Santa Clara, CA	Santa Barbara, CA	194
San Francisco, CA	Santa Clara, CA	Santa Clara, CA	19
San Francisco, CA	Santa Clara, CA	Santa Cruz, CA	19
San Francisco, CA	Santa Clara, CA	Solano, CA	76
San Francisco, CA	Santa Clara, CA	Sonoma, CA	107
San Francisco, CA	Santa Clara, CA	Stanislaus, CA	54
San Francisco, CA	Santa Clara, CA	Storey, NV	195
San Francisco, CA	Santa Clara, CA	Sutter, CA	127
San Francisco, CA	Santa Clara, CA	Tulare, CA	173
San Francisco, CA	Santa Clara, CA	Tuolumne, CA	117
San Francisco, CA	Santa Clara, CA	Ventura, CA	239
San Francisco, CA	Santa Clara, CA	Washoe, NV	259
San Francisco, CA	Santa Clara, CA	White Pine, NV	397
San Francisco, CA	Santa Clara, CA	Yolo, CA	99
San Francisco, CA	Santa Clara, CA	Yuba, CA	145
San Francisco, CA	Solano, CA	Alameda, CA	42
San Francisco, CA	Solano, CA	Alpine, CA	114
San Francisco, CA	Solano, CA	Amador, CA	64
San Francisco, CA	Solano, CA	Butte, CA	101
San Francisco, CA	Solano, CA	Calaveras, CA	68
San Francisco, CA	Solano, CA	Carson, NV	132
San Francisco, CA	Solano, CA	Churchill, NV	212
San Francisco, CA	Solano, CA	Clark, NV	402
San Francisco, CA	Solano, CA	Colusa, CA	63
San Francisco, CA	Solano, CA	Contra Costa, CA	26
San Francisco, CA	Solano, CA	Douglas, NV	131
San Francisco, CA	Solano, CA	El Dorado, CA	82
San Francisco, CA	Solano, CA	Esmeralda, NV	233
San Francisco, CA	Solano, CA	Eureka, NV	329
San Francisco, CA	Solano, CA	Fresno, CA	162
San Francisco, CA	Solano, CA	Inyo, CA	267
San Francisco, CA	Solano, CA	Kern, CA	271
San Francisco, CA	Solano, CA	Kings, CA	189
San Francisco, CA	Solano, CA	La Paz, AZ	548
San Francisco, CA	Solano, CA	Lake, CA	75
San Francisco, CA	Solano, CA	Lander, NV	287
San Francisco, CA	Solano, CA	Lincoln, NV	379
San Francisco, CA	Solano, CA	Los Angeles, CA	371
San Francisco, CA	Solano, CA	Lyon, NV	159
San Francisco, CA	Solano, CA	Madera, CA	142
San Francisco, CA	Solano, CA	Marin, CA	48
San Francisco, CA	Solano, CA	Mariposa, CA	118

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Francisco, CA	Solano, CA	Mendocino, CA	112
San Francisco, CA	Solano, CA	Merced, CA	104
San Francisco, CA	Solano, CA	Mineral, NV	195
San Francisco, CA	Solano, CA	Mohave, AZ	475
San Francisco, CA	Solano, CA	Mono, CA	156
San Francisco, CA	Solano, CA	Monterey, CA	136
San Francisco, CA	Solano, CA	Napa, CA	28
San Francisco, CA	Solano, CA	Nevada, CA	83
San Francisco, CA	Solano, CA	Nye, NV	297
San Francisco, CA	Solano, CA	Orange, CA	396
San Francisco, CA	Solano, CA	Placer, CA	80
San Francisco, CA	Solano, CA	Riverside, CA	454
San Francisco, CA	Solano, CA	Sacramento, CA	35
San Francisco, CA	Solano, CA	San Benito, CA	127
San Francisco, CA	Solano, CA	San Bernardino, CA	400
San Francisco, CA	Solano, CA	San Francisco, CA	47
San Francisco, CA	Solano, CA	San Joaquin, CA	45
San Francisco, CA	Solano, CA	San Luis Obispo, CA	221
San Francisco, CA	Solano, CA	San Mateo, CA	65
San Francisco, CA	Solano, CA	Santa Barbara, CA	266
San Francisco, CA	Solano, CA	Santa Clara, CA	76
San Francisco, CA	Solano, CA	Santa Cruz, CA	85
San Francisco, CA	Solano, CA	Solano, CA	16
San Francisco, CA	Solano, CA	Sonoma, CA	52
San Francisco, CA	Solano, CA	Stanislaus, CA	73
San Francisco, CA	Solano, CA	Storey, NV	150
San Francisco, CA	Solano, CA	Sutter, CA	52
San Francisco, CA	Solano, CA	Tulare, CA	220
San Francisco, CA	Solano, CA	Tuolumne, CA	111
San Francisco, CA	Solano, CA	Ventura, CA	307
San Francisco, CA	Solano, CA	Washoe, NV	199
San Francisco, CA	Solano, CA	White Pine, NV	381
San Francisco, CA	Solano, CA	Yolo, CA	23
San Francisco, CA	Solano, CA	Yuba, CA	73
San Joaquin Valley, CA	Fresno, CA	Alameda, CA	137
San Joaquin Valley, CA	Fresno, CA	Alpine, CA	131
San Joaquin Valley, CA	Fresno, CA	Amador, CA	132
San Joaquin Valley, CA	Fresno, CA	Apache, AZ	582
San Joaquin Valley, CA	Fresno, CA	Beaver, UT	372
San Joaquin Valley, CA	Fresno, CA	Box Elder, UT	464
San Joaquin Valley, CA	Fresno, CA	Calaveras, CA	113
San Joaquin Valley, CA	Fresno, CA	Carson, NV	168
San Joaquin Valley, CA	Fresno, CA	Cassia, ID	503
San Joaquin Valley, CA	Fresno, CA	Churchill, NV	207
San Joaquin Valley, CA	Fresno, CA	Clark, NV	253
San Joaquin Valley, CA	Fresno, CA	Cochise, AZ	659
San Joaquin Valley, CA	Fresno, CA	Coconino, AZ	433
San Joaquin Valley, CA	Fresno, CA	Davis, UT	511
San Joaquin Valley, CA	Fresno, CA	Dolores, CO	618

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Joaquin Valley, CA	Fresno, CA	Douglas, NV	144
San Joaquin Valley, CA	Fresno, CA	El Dorado, CA	149
San Joaquin Valley, CA	Fresno, CA	Elko, NV	372
San Joaquin Valley, CA	Fresno, CA	Emery, UT	515
San Joaquin Valley, CA	Fresno, CA	Esmeralda, NV	129
San Joaquin Valley, CA	Fresno, CA	Eureka, NV	297
San Joaquin Valley, CA	Fresno, CA	Fresno, CA	38
San Joaquin Valley, CA	Fresno, CA	Garfield, UT	456
San Joaquin Valley, CA	Fresno, CA	Gila, AZ	549
San Joaquin Valley, CA	Fresno, CA	Graham, AZ	607
San Joaquin Valley, CA	Fresno, CA	Grand, UT	571
San Joaquin Valley, CA	Fresno, CA	Harney, OR	435
San Joaquin Valley, CA	Fresno, CA	Humboldt, NV	323
San Joaquin Valley, CA	Fresno, CA	Imperial, CA	355
San Joaquin Valley, CA	Fresno, CA	Inyo, CA	120
San Joaquin Valley, CA	Fresno, CA	Iron, UT	357
San Joaquin Valley, CA	Fresno, CA	Juab, UT	420
San Joaquin Valley, CA	Fresno, CA	Kane, UT	431
San Joaquin Valley, CA	Fresno, CA	Kern, CA	113
San Joaquin Valley, CA	Fresno, CA	Kings, CA	42
San Joaquin Valley, CA	Fresno, CA	La Paz, AZ	388
San Joaquin Valley, CA	Fresno, CA	Lake, OR	422
San Joaquin Valley, CA	Fresno, CA	Lander, NV	269
San Joaquin Valley, CA	Fresno, CA	Lassen, CA	261
San Joaquin Valley, CA	Fresno, CA	Lincoln, NV	268
San Joaquin Valley, CA	Fresno, CA	Los Angeles, CA	219
San Joaquin Valley, CA	Fresno, CA	Lyon, NV	163
San Joaquin Valley, CA	Fresno, CA	Madera, CA	36
San Joaquin Valley, CA	Fresno, CA	Malheur, OR	461
San Joaquin Valley, CA	Fresno, CA	Maricopa, AZ	459
San Joaquin Valley, CA	Fresno, CA	Mariposa, CA	57
San Joaquin Valley, CA	Fresno, CA	Merced, CA	60
San Joaquin Valley, CA	Fresno, CA	Mesa, CO	624
San Joaquin Valley, CA	Fresno, CA	Millard, UT	396
San Joaquin Valley, CA	Fresno, CA	Mineral, NV	142
San Joaquin Valley, CA	Fresno, CA	Modoc, CA	340
San Joaquin Valley, CA	Fresno, CA	Mohave, AZ	327
San Joaquin Valley, CA	Fresno, CA	Mono, CA	99
San Joaquin Valley, CA	Fresno, CA	Monterey, CA	105
San Joaquin Valley, CA	Fresno, CA	Montezuma, CO	611
San Joaquin Valley, CA	Fresno, CA	Montrose, CO	635
San Joaquin Valley, CA	Fresno, CA	Navajo, AZ	534
San Joaquin Valley, CA	Fresno, CA	Nevada, CA	189
San Joaquin Valley, CA	Fresno, CA	Nye, NV	183
San Joaquin Valley, CA	Fresno, CA	Orange, CA	240
San Joaquin Valley, CA	Fresno, CA	Owyhee, ID	459
San Joaquin Valley, CA	Fresno, CA	Pershing, NV	268
San Joaquin Valley, CA	Fresno, CA	Pima, AZ	558
San Joaquin Valley, CA	Fresno, CA	Pinal, AZ	540

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Joaquin Valley, CA	Fresno, CA	Piute, UT	430
San Joaquin Valley, CA	Fresno, CA	Placer, CA	167
San Joaquin Valley, CA	Fresno, CA	Riverside, CA	292
San Joaquin Valley, CA	Fresno, CA	Sacramento, CA	143
San Joaquin Valley, CA	Fresno, CA	Salt Lake, UT	499
San Joaquin Valley, CA	Fresno, CA	San Benito, CA	76
San Joaquin Valley, CA	Fresno, CA	San Bernardino, CA	240
San Joaquin Valley, CA	Fresno, CA	San Diego, CA	308
San Joaquin Valley, CA	Fresno, CA	San Francisco, CA	168
San Joaquin Valley, CA	Fresno, CA	San Joaquin, CA	117
San Joaquin Valley, CA	Fresno, CA	San Juan, NM	629
San Joaquin Valley, CA	Fresno, CA	San Juan, UT	551
San Joaquin Valley, CA	Fresno, CA	San Luis Obispo, CA	104
San Joaquin Valley, CA	Fresno, CA	San Mateo, CA	153
San Joaquin Valley, CA	Fresno, CA	San Miguel, CO	624
San Joaquin Valley, CA	Fresno, CA	Sanpete, UT	480
San Joaquin Valley, CA	Fresno, CA	Santa Barbara, CA	140
San Joaquin Valley, CA	Fresno, CA	Santa Clara, CA	117
San Joaquin Valley, CA	Fresno, CA	Santa Cruz, AZ	622
San Joaquin Valley, CA	Fresno, CA	Santa Cruz, CA	132
San Joaquin Valley, CA	Fresno, CA	Sevier, UT	454
San Joaquin Valley, CA	Fresno, CA	Sierra, CA	201
San Joaquin Valley, CA	Fresno, CA	Stanislaus, CA	90
San Joaquin Valley, CA	Fresno, CA	Storey, NV	186
San Joaquin Valley, CA	Fresno, CA	Sutter, CA	193
San Joaquin Valley, CA	Fresno, CA	Tooele, UT	438
San Joaquin Valley, CA	Fresno, CA	Tulare, CA	58
San Joaquin Valley, CA	Fresno, CA	Tuolumne, CA	90
San Joaquin Valley, CA	Fresno, CA	Twin Falls, ID	480
San Joaquin Valley, CA	Fresno, CA	Utah, UT	493
San Joaquin Valley, CA	Fresno, CA	Ventura, CA	161
San Joaquin Valley, CA	Fresno, CA	Washington, UT	344
San Joaquin Valley, CA	Fresno, CA	Washoe, NV	265
San Joaquin Valley, CA	Fresno, CA	Wayne, UT	493
San Joaquin Valley, CA	Fresno, CA	Weber, UT	523
San Joaquin Valley, CA	Fresno, CA	White Pine, NV	315
San Joaquin Valley, CA	Fresno, CA	Yavapai, AZ	430
San Joaquin Valley, CA	Fresno, CA	Yuba, CA	200
San Joaquin Valley, CA	Fresno, CA	Yuma, AZ	427
San Joaquin Valley, CA	Kern, CA	Alameda, CA	240
San Joaquin Valley, CA	Kern, CA	Alpine, CA	238
San Joaquin Valley, CA	Kern, CA	Amador, CA	245
San Joaquin Valley, CA	Kern, CA	Apache, AZ	524
San Joaquin Valley, CA	Kern, CA	Beaver, UT	371
San Joaquin Valley, CA	Kern, CA	Box Elder, UT	511
San Joaquin Valley, CA	Kern, CA	Calaveras, CA	225
San Joaquin Valley, CA	Kern, CA	Carson, NV	273
San Joaquin Valley, CA	Kern, CA	Cassia, ID	558
San Joaquin Valley, CA	Kern, CA	Churchill, NV	294

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Joaquin Valley, CA	Kern, CA	Clark, NV	200
San Joaquin Valley, CA	Kern, CA	Cochise, AZ	568
San Joaquin Valley, CA	Kern, CA	Coconino, AZ	377
San Joaquin Valley, CA	Kern, CA	Davis, UT	540
San Joaquin Valley, CA	Kern, CA	Dolores, CO	591
San Joaquin Valley, CA	Kern, CA	Douglas, NV	248
San Joaquin Valley, CA	Kern, CA	El Dorado, CA	260
San Joaquin Valley, CA	Kern, CA	Elko, NV	434
San Joaquin Valley, CA	Kern, CA	Emery, UT	513
San Joaquin Valley, CA	Kern, CA	Esmeralda, NV	177
San Joaquin Valley, CA	Kern, CA	Eureka, NV	358
San Joaquin Valley, CA	Kern, CA	Fresno, CA	113
San Joaquin Valley, CA	Kern, CA	Garfield, UT	438
San Joaquin Valley, CA	Kern, CA	Gila, AZ	471
San Joaquin Valley, CA	Kern, CA	Graham, AZ	525
San Joaquin Valley, CA	Kern, CA	Grand, UT	563
San Joaquin Valley, CA	Kern, CA	Harney, OR	534
San Joaquin Valley, CA	Kern, CA	Humboldt, NV	413
San Joaquin Valley, CA	Kern, CA	Imperial, CA	249
San Joaquin Valley, CA	Kern, CA	Inyo, CA	114
San Joaquin Valley, CA	Kern, CA	Iron, UT	347
San Joaquin Valley, CA	Kern, CA	Juab, UT	440
San Joaquin Valley, CA	Kern, CA	Kane, UT	405
San Joaquin Valley, CA	Kern, CA	Kern, CA	49
San Joaquin Valley, CA	Kern, CA	Kings, CA	83
San Joaquin Valley, CA	Kern, CA	La Paz, AZ	295
San Joaquin Valley, CA	Kern, CA	Lake, OR	529
San Joaquin Valley, CA	Kern, CA	Lander, NV	340
San Joaquin Valley, CA	Kern, CA	Lassen, CA	371
San Joaquin Valley, CA	Kern, CA	Lincoln, NV	269
San Joaquin Valley, CA	Kern, CA	Los Angeles, CA	107
San Joaquin Valley, CA	Kern, CA	Lyon, NV	261
San Joaquin Valley, CA	Kern, CA	Madera, CA	145
San Joaquin Valley, CA	Kern, CA	Malheur, OR	551
San Joaquin Valley, CA	Kern, CA	Maricopa, AZ	368
San Joaquin Valley, CA	Kern, CA	Mariposa, CA	169
San Joaquin Valley, CA	Kern, CA	Merced, CA	167
San Joaquin Valley, CA	Kern, CA	Mesa, CO	612
San Joaquin Valley, CA	Kern, CA	Millard, UT	407
San Joaquin Valley, CA	Kern, CA	Mineral, NV	221
San Joaquin Valley, CA	Kern, CA	Modoc, CA	448
San Joaquin Valley, CA	Kern, CA	Mohave, AZ	267
San Joaquin Valley, CA	Kern, CA	Mono, CA	193
San Joaquin Valley, CA	Kern, CA	Monterey, CA	171
San Joaquin Valley, CA	Kern, CA	Montezuma, CO	579
San Joaquin Valley, CA	Kern, CA	Montrose, CO	616
San Joaquin Valley, CA	Kern, CA	Navajo, AZ	476
San Joaquin Valley, CA	Kern, CA	Nevada, CA	301
San Joaquin Valley, CA	Kern, CA	Nye, NV	199

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Joaquin Valley, CA	Kern, CA	Orange, CA	127
San Joaquin Valley, CA	Kern, CA	Owyhee, ID	538
San Joaquin Valley, CA	Kern, CA	Pershing, NV	359
San Joaquin Valley, CA	Kern, CA	Pima, AZ	461
San Joaquin Valley, CA	Kern, CA	Pinal, AZ	453
San Joaquin Valley, CA	Kern, CA	Piute, UT	422
San Joaquin Valley, CA	Kern, CA	Placer, CA	280
San Joaquin Valley, CA	Kern, CA	Riverside, CA	188
San Joaquin Valley, CA	Kern, CA	Sacramento, CA	255
San Joaquin Valley, CA	Kern, CA	Salt Lake, UT	525
San Joaquin Valley, CA	Kern, CA	San Benito, CA	157
San Joaquin Valley, CA	Kern, CA	San Bernardino, CA	151
San Joaquin Valley, CA	Kern, CA	San Diego, CA	196
San Joaquin Valley, CA	Kern, CA	San Francisco, CA	268
San Joaquin Valley, CA	Kern, CA	San Joaquin, CA	227
San Joaquin Valley, CA	Kern, CA	San Juan, NM	588
San Joaquin Valley, CA	Kern, CA	San Juan, UT	526
San Joaquin Valley, CA	Kern, CA	San Luis Obispo, CA	91
San Joaquin Valley, CA	Kern, CA	San Mateo, CA	247
San Joaquin Valley, CA	Kern, CA	San Miguel, CO	601
San Joaquin Valley, CA	Kern, CA	Sanpete, UT	487
San Joaquin Valley, CA	Kern, CA	Santa Barbara, CA	84
San Joaquin Valley, CA	Kern, CA	Santa Clara, CA	212
San Joaquin Valley, CA	Kern, CA	Santa Cruz, AZ	526
San Joaquin Valley, CA	Kern, CA	Santa Cruz, CA	221
San Joaquin Valley, CA	Kern, CA	Sevier, UT	453
San Joaquin Valley, CA	Kern, CA	Sierra, CA	312
San Joaquin Valley, CA	Kern, CA	Stanislaus, CA	200
San Joaquin Valley, CA	Kern, CA	Storey, NV	289
San Joaquin Valley, CA	Kern, CA	Sutter, CA	305
San Joaquin Valley, CA	Kern, CA	Tooele, UT	470
San Joaquin Valley, CA	Kern, CA	Tulare, CA	67
San Joaquin Valley, CA	Kern, CA	Tuolumne, CA	199
San Joaquin Valley, CA	Kern, CA	Twin Falls, ID	543
San Joaquin Valley, CA	Kern, CA	Utah, UT	511
San Joaquin Valley, CA	Kern, CA	Ventura, CA	61
San Joaquin Valley, CA	Kern, CA	Washington, UT	323
San Joaquin Valley, CA	Kern, CA	Washoe, NV	368
San Joaquin Valley, CA	Kern, CA	Wayne, UT	480
San Joaquin Valley, CA	Kern, CA	Weber, UT	556
San Joaquin Valley, CA	Kern, CA	White Pine, NV	350
San Joaquin Valley, CA	Kern, CA	Yavapai, AZ	358
San Joaquin Valley, CA	Kern, CA	Yuba, CA	313
San Joaquin Valley, CA	Kern, CA	Yuma, AZ	326
San Joaquin Valley, CA	Kings, CA	Alameda, CA	157
San Joaquin Valley, CA	Kings, CA	Alpine, CA	172
San Joaquin Valley, CA	Kings, CA	Amador, CA	169
San Joaquin Valley, CA	Kings, CA	Apache, AZ	583
San Joaquin Valley, CA	Kings, CA	Beaver, UT	393

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Joaquin Valley, CA	Kings, CA	Box Elder, UT	499
San Joaquin Valley, CA	Kings, CA	Calaveras, CA	149
San Joaquin Valley, CA	Kings, CA	Carson, NV	210
San Joaquin Valley, CA	Kings, CA	Cassia, ID	540
San Joaquin Valley, CA	Kings, CA	Churchill, NV	248
San Joaquin Valley, CA	Kings, CA	Clark, NV	253
San Joaquin Valley, CA	Kings, CA	Cochise, AZ	645
San Joaquin Valley, CA	Kings, CA	Coconino, AZ	435
San Joaquin Valley, CA	Kings, CA	Davis, UT	541
San Joaquin Valley, CA	Kings, CA	Dolores, CO	632
San Joaquin Valley, CA	Kings, CA	Douglas, NV	186
San Joaquin Valley, CA	Kings, CA	El Dorado, CA	188
San Joaquin Valley, CA	Kings, CA	Elko, NV	410
San Joaquin Valley, CA	Kings, CA	Emery, UT	537
San Joaquin Valley, CA	Kings, CA	Esmeralda, NV	159
San Joaquin Valley, CA	Kings, CA	Eureka, NV	334
San Joaquin Valley, CA	Kings, CA	Fresno, CA	42
San Joaquin Valley, CA	Kings, CA	Garfield, UT	472
San Joaquin Valley, CA	Kings, CA	Gila, AZ	542
San Joaquin Valley, CA	Kings, CA	Graham, AZ	598
San Joaquin Valley, CA	Kings, CA	Grand, UT	591
San Joaquin Valley, CA	Kings, CA	Harney, OR	477
San Joaquin Valley, CA	Kings, CA	Humboldt, NV	365
San Joaquin Valley, CA	Kings, CA	Imperial, CA	331
San Joaquin Valley, CA	Kings, CA	Inyo, CA	130
San Joaquin Valley, CA	Kings, CA	Iron, UT	375
San Joaquin Valley, CA	Kings, CA	Juab, UT	448
San Joaquin Valley, CA	Kings, CA	Kane, UT	444
San Joaquin Valley, CA	Kings, CA	Kern, CA	83
San Joaquin Valley, CA	Kings, CA	Kings, CA	20
San Joaquin Valley, CA	Kings, CA	La Paz, AZ	373
San Joaquin Valley, CA	Kings, CA	Lake, OR	463
San Joaquin Valley, CA	Kings, CA	Lander, NV	308
San Joaquin Valley, CA	Kings, CA	Lassen, CA	302
San Joaquin Valley, CA	Kings, CA	Lincoln, NV	288
San Joaquin Valley, CA	Kings, CA	Los Angeles, CA	183
San Joaquin Valley, CA	Kings, CA	Lyon, NV	206
San Joaquin Valley, CA	Kings, CA	Madera, CA	79
San Joaquin Valley, CA	Kings, CA	Malheur, OR	503
San Joaquin Valley, CA	Kings, CA	Maricopa, AZ	445
San Joaquin Valley, CA	Kings, CA	Mariposa, CA	98
San Joaquin Valley, CA	Kings, CA	Merced, CA	86
San Joaquin Valley, CA	Kings, CA	Mesa, CO	643
San Joaquin Valley, CA	Kings, CA	Millard, UT	421
San Joaquin Valley, CA	Kings, CA	Mineral, NV	181
San Joaquin Valley, CA	Kings, CA	Modoc, CA	381
San Joaquin Valley, CA	Kings, CA	Mohave, AZ	326
San Joaquin Valley, CA	Kings, CA	Mono, CA	141
San Joaquin Valley, CA	Kings, CA	Monterey, CA	97

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Joaquin Valley, CA	Kings, CA	Montezuma, CO	623
San Joaquin Valley, CA	Kings, CA	Montrose, CO	651
San Joaquin Valley, CA	Kings, CA	Navajo, AZ	535
San Joaquin Valley, CA	Kings, CA	Nevada, CA	227
San Joaquin Valley, CA	Kings, CA	Nye, NV	205
San Joaquin Valley, CA	Kings, CA	Orange, CA	207
San Joaquin Valley, CA	Kings, CA	Owyhee, ID	500
San Joaquin Valley, CA	Kings, CA	Pershing, NV	310
San Joaquin Valley, CA	Kings, CA	Pima, AZ	541
San Joaquin Valley, CA	Kings, CA	Pinal, AZ	528
San Joaquin Valley, CA	Kings, CA	Piute, UT	449
San Joaquin Valley, CA	Kings, CA	Placer, CA	206
San Joaquin Valley, CA	Kings, CA	Riverside, CA	269
San Joaquin Valley, CA	Kings, CA	Sacramento, CA	176
San Joaquin Valley, CA	Kings, CA	Salt Lake, UT	529
San Joaquin Valley, CA	Kings, CA	San Benito, CA	77
San Joaquin Valley, CA	Kings, CA	San Bernardino, CA	225
San Joaquin Valley, CA	Kings, CA	San Diego, CA	278
San Joaquin Valley, CA	Kings, CA	San Francisco, CA	186
San Joaquin Valley, CA	Kings, CA	San Joaquin, CA	146
San Joaquin Valley, CA	Kings, CA	San Juan, NM	638
San Joaquin Valley, CA	Kings, CA	San Juan, UT	565
San Joaquin Valley, CA	Kings, CA	San Luis Obispo, CA	63
San Joaquin Valley, CA	Kings, CA	San Mateo, CA	166
San Joaquin Valley, CA	Kings, CA	San Miguel, CO	639
San Joaquin Valley, CA	Kings, CA	Sanpete, UT	505
San Joaquin Valley, CA	Kings, CA	Santa Barbara, CA	98
San Joaquin Valley, CA	Kings, CA	Santa Clara, CA	130
San Joaquin Valley, CA	Kings, CA	Santa Cruz, AZ	605
San Joaquin Valley, CA	Kings, CA	Santa Cruz, CA	141
San Joaquin Valley, CA	Kings, CA	Sevier, UT	476
San Joaquin Valley, CA	Kings, CA	Sierra, CA	242
San Joaquin Valley, CA	Kings, CA	Stanislaus, CA	119
San Joaquin Valley, CA	Kings, CA	Storey, NV	229
San Joaquin Valley, CA	Kings, CA	Sutter, CA	226
San Joaquin Valley, CA	Kings, CA	Tooele, UT	469
San Joaquin Valley, CA	Kings, CA	Tulare, CA	54
San Joaquin Valley, CA	Kings, CA	Tuolumne, CA	131
San Joaquin Valley, CA	Kings, CA	Twin Falls, ID	518
San Joaquin Valley, CA	Kings, CA	Utah, UT	520
San Joaquin Valley, CA	Kings, CA	Ventura, CA	122
San Joaquin Valley, CA	Kings, CA	Washington, UT	358
San Joaquin Valley, CA	Kings, CA	Washoe, NV	307
San Joaquin Valley, CA	Kings, CA	Wayne, UT	511
San Joaquin Valley, CA	Kings, CA	Weber, UT	555
San Joaquin Valley, CA	Kings, CA	White Pine, NV	346
San Joaquin Valley, CA	Kings, CA	Yavapai, AZ	425
San Joaquin Valley, CA	Kings, CA	Yuba, CA	236
San Joaquin Valley, CA	Kings, CA	Yuma, AZ	407

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Joaquin Valley, CA	Merced, CA	Alameda, CA	77
San Joaquin Valley, CA	Merced, CA	Alpine, CA	108
San Joaquin Valley, CA	Merced, CA	Amador, CA	88
San Joaquin Valley, CA	Merced, CA	Apache, AZ	637
San Joaquin Valley, CA	Merced, CA	Beaver, UT	413
San Joaquin Valley, CA	Merced, CA	Box Elder, UT	481
San Joaquin Valley, CA	Merced, CA	Calaveras, CA	68
San Joaquin Valley, CA	Merced, CA	Carson, NV	145
San Joaquin Valley, CA	Merced, CA	Cassia, ID	514
San Joaquin Valley, CA	Merced, CA	Churchill, NV	205
San Joaquin Valley, CA	Merced, CA	Clark, NV	310
San Joaquin Valley, CA	Merced, CA	Cochise, AZ	719
San Joaquin Valley, CA	Merced, CA	Coconino, AZ	489
San Joaquin Valley, CA	Merced, CA	Davis, UT	536
San Joaquin Valley, CA	Merced, CA	Dolores, CO	665
San Joaquin Valley, CA	Merced, CA	Douglas, NV	126
San Joaquin Valley, CA	Merced, CA	El Dorado, CA	111
San Joaquin Valley, CA	Merced, CA	Elko, NV	382
San Joaquin Valley, CA	Merced, CA	Emery, UT	554
San Joaquin Valley, CA	Merced, CA	Esmeralda, NV	165
San Joaquin Valley, CA	Merced, CA	Eureka, NV	310
San Joaquin Valley, CA	Merced, CA	Fresno, CA	60
San Joaquin Valley, CA	Merced, CA	Garfield, UT	502
San Joaquin Valley, CA	Merced, CA	Gila, AZ	608
San Joaquin Valley, CA	Merced, CA	Graham, AZ	667
San Joaquin Valley, CA	Merced, CA	Grand, UT	612
San Joaquin Valley, CA	Merced, CA	Harney, OR	412
San Joaquin Valley, CA	Merced, CA	Humboldt, NV	311
San Joaquin Valley, CA	Merced, CA	Imperial, CA	414
San Joaquin Valley, CA	Merced, CA	Inyo, CA	176
San Joaquin Valley, CA	Merced, CA	Iron, UT	403
San Joaquin Valley, CA	Merced, CA	Juab, UT	452
San Joaquin Valley, CA	Merced, CA	Kane, UT	480
San Joaquin Valley, CA	Merced, CA	Kern, CA	167
San Joaquin Valley, CA	Merced, CA	Kings, CA	86
San Joaquin Valley, CA	Merced, CA	La Paz, AZ	448
San Joaquin Valley, CA	Merced, CA	Lake, OR	389
San Joaquin Valley, CA	Merced, CA	Lander, NV	276
San Joaquin Valley, CA	Merced, CA	Lassen, CA	225
San Joaquin Valley, CA	Merced, CA	Lincoln, NV	312
San Joaquin Valley, CA	Merced, CA	Los Angeles, CA	269
San Joaquin Valley, CA	Merced, CA	Lyon, NV	153
San Joaquin Valley, CA	Merced, CA	Madera, CA	54
San Joaquin Valley, CA	Merced, CA	Malheur, OR	446
San Joaquin Valley, CA	Merced, CA	Maricopa, AZ	519
San Joaquin Valley, CA	Merced, CA	Mariposa, CA	43
San Joaquin Valley, CA	Merced, CA	Merced, CA	23
San Joaquin Valley, CA	Merced, CA	Mesa, CO	665
San Joaquin Valley, CA	Merced, CA	Millard, UT	432

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Joaquin Valley, CA	Merced, CA	Mineral, NV	155
San Joaquin Valley, CA	Merced, CA	Modoc, CA	305
San Joaquin Valley, CA	Merced, CA	Mohave, AZ	384
San Joaquin Valley, CA	Merced, CA	Mono, CA	106
San Joaquin Valley, CA	Merced, CA	Monterey, CA	76
San Joaquin Valley, CA	Merced, CA	Montezuma, CO	659
San Joaquin Valley, CA	Merced, CA	Montrose, CO	679
San Joaquin Valley, CA	Merced, CA	Navajo, AZ	590
San Joaquin Valley, CA	Merced, CA	Nevada, CA	145
San Joaquin Valley, CA	Merced, CA	Nye, NV	226
San Joaquin Valley, CA	Merced, CA	Orange, CA	293
San Joaquin Valley, CA	Merced, CA	Owyhee, ID	454
San Joaquin Valley, CA	Merced, CA	Pershing, NV	259
San Joaquin Valley, CA	Merced, CA	Pima, AZ	618
San Joaquin Valley, CA	Merced, CA	Pinal, AZ	600
San Joaquin Valley, CA	Merced, CA	Piute, UT	472
San Joaquin Valley, CA	Merced, CA	Placer, CA	127
San Joaquin Valley, CA	Merced, CA	Riverside, CA	351
San Joaquin Valley, CA	Merced, CA	Sacramento, CA	90
San Joaquin Valley, CA	Merced, CA	Salt Lake, UT	526
San Joaquin Valley, CA	Merced, CA	San Benito, CA	47
San Joaquin Valley, CA	Merced, CA	San Bernardino, CA	300
San Joaquin Valley, CA	Merced, CA	San Diego, CA	364
San Joaquin Valley, CA	Merced, CA	San Francisco, CA	108
San Joaquin Valley, CA	Merced, CA	San Joaquin, CA	60
San Joaquin Valley, CA	Merced, CA	San Juan, NM	681
San Joaquin Valley, CA	Merced, CA	San Juan, UT	597
San Joaquin Valley, CA	Merced, CA	San Luis Obispo, CA	128
San Joaquin Valley, CA	Merced, CA	San Mateo, CA	95
San Joaquin Valley, CA	Merced, CA	San Miguel, CO	670
San Joaquin Valley, CA	Merced, CA	Sanpete, UT	517
San Joaquin Valley, CA	Merced, CA	Santa Barbara, CA	172
San Joaquin Valley, CA	Merced, CA	Santa Clara, CA	61
San Joaquin Valley, CA	Merced, CA	Santa Cruz, AZ	682
San Joaquin Valley, CA	Merced, CA	Santa Cruz, CA	79
San Joaquin Valley, CA	Merced, CA	Sevier, UT	494
San Joaquin Valley, CA	Merced, CA	Sierra, CA	166
San Joaquin Valley, CA	Merced, CA	Stanislaus, CA	33
San Joaquin Valley, CA	Merced, CA	Storey, NV	166
San Joaquin Valley, CA	Merced, CA	Sutter, CA	140
San Joaquin Valley, CA	Merced, CA	Tooele, UT	463
San Joaquin Valley, CA	Merced, CA	Tulare, CA	118
San Joaquin Valley, CA	Merced, CA	Tuolumne, CA	71
San Joaquin Valley, CA	Merced, CA	Twin Falls, ID	486
San Joaquin Valley, CA	Merced, CA	Utah, UT	524
San Joaquin Valley, CA	Merced, CA	Ventura, CA	206
San Joaquin Valley, CA	Merced, CA	Washington, UT	393
San Joaquin Valley, CA	Merced, CA	Washoe, NV	240
San Joaquin Valley, CA	Merced, CA	Wayne, UT	536

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Joaquin Valley, CA	Merced, CA	Weber, UT	547
San Joaquin Valley, CA	Merced, CA	White Pine, NV	342
San Joaquin Valley, CA	Merced, CA	Yavapai, AZ	488
San Joaquin Valley, CA	Merced, CA	Yuba, CA	152
San Joaquin Valley, CA	Merced, CA	Yuma, AZ	486
San Joaquin Valley, CA	San Joaquin, CA	Alameda, CA	37
San Joaquin Valley, CA	San Joaquin, CA	Alpine, CA	92
San Joaquin Valley, CA	San Joaquin, CA	Amador, CA	48
San Joaquin Valley, CA	San Joaquin, CA	Apache, AZ	680
San Joaquin Valley, CA	San Joaquin, CA	Beaver, UT	439
San Joaquin Valley, CA	San Joaquin, CA	Box Elder, UT	479
San Joaquin Valley, CA	San Joaquin, CA	Calaveras, CA	37
San Joaquin Valley, CA	San Joaquin, CA	Carson, NV	121
San Joaquin Valley, CA	San Joaquin, CA	Cassia, ID	506
San Joaquin Valley, CA	San Joaquin, CA	Churchill, NV	195
San Joaquin Valley, CA	San Joaquin, CA	Clark, NV	358
San Joaquin Valley, CA	San Joaquin, CA	Cochise, AZ	773
San Joaquin Valley, CA	San Joaquin, CA	Coconino, AZ	533
San Joaquin Valley, CA	San Joaquin, CA	Davis, UT	543
San Joaquin Valley, CA	San Joaquin, CA	Dolores, CO	696
San Joaquin Valley, CA	San Joaquin, CA	Douglas, NV	111
San Joaquin Valley, CA	San Joaquin, CA	El Dorado, CA	73
San Joaquin Valley, CA	San Joaquin, CA	Elko, NV	376
San Joaquin Valley, CA	San Joaquin, CA	Emery, UT	576
San Joaquin Valley, CA	San Joaquin, CA	Esmeralda, NV	195
San Joaquin Valley, CA	San Joaquin, CA	Eureka, NV	310
San Joaquin Valley, CA	San Joaquin, CA	Fresno, CA	117
San Joaquin Valley, CA	San Joaquin, CA	Garfield, UT	532
San Joaquin Valley, CA	San Joaquin, CA	Gila, AZ	659
San Joaquin Valley, CA	San Joaquin, CA	Graham, AZ	718
San Joaquin Valley, CA	San Joaquin, CA	Grand, UT	635
San Joaquin Valley, CA	San Joaquin, CA	Harney, OR	373
San Joaquin Valley, CA	San Joaquin, CA	Humboldt, NV	286
San Joaquin Valley, CA	San Joaquin, CA	Imperial, CA	473
San Joaquin Valley, CA	San Joaquin, CA	Inyo, CA	223
San Joaquin Valley, CA	San Joaquin, CA	Iron, UT	433
San Joaquin Valley, CA	San Joaquin, CA	Juab, UT	467
San Joaquin Valley, CA	San Joaquin, CA	Kane, UT	515
San Joaquin Valley, CA	San Joaquin, CA	Kern, CA	227
San Joaquin Valley, CA	San Joaquin, CA	Kings, CA	146
San Joaquin Valley, CA	San Joaquin, CA	La Paz, AZ	503
San Joaquin Valley, CA	San Joaquin, CA	Lake, OR	341
San Joaquin Valley, CA	San Joaquin, CA	Lander, NV	270
San Joaquin Valley, CA	San Joaquin, CA	Lassen, CA	179
San Joaquin Valley, CA	San Joaquin, CA	Lincoln, NV	343
San Joaquin Valley, CA	San Joaquin, CA	Los Angeles, CA	329
San Joaquin Valley, CA	San Joaquin, CA	Lyon, NV	141
San Joaquin Valley, CA	San Joaquin, CA	Madera, CA	98
San Joaquin Valley, CA	San Joaquin, CA	Malheur, OR	415

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Joaquin Valley, CA	San Joaquin, CA	Maricopa, AZ	573
San Joaquin Valley, CA	San Joaquin, CA	Mariposa, CA	75
San Joaquin Valley, CA	San Joaquin, CA	Merced, CA	60
San Joaquin Valley, CA	San Joaquin, CA	Mesa, CO	689
San Joaquin Valley, CA	San Joaquin, CA	Millard, UT	452
San Joaquin Valley, CA	San Joaquin, CA	Mineral, NV	165
San Joaquin Valley, CA	San Joaquin, CA	Modoc, CA	257
San Joaquin Valley, CA	San Joaquin, CA	Mohave, AZ	432
San Joaquin Valley, CA	San Joaquin, CA	Mono, CA	121
San Joaquin Valley, CA	San Joaquin, CA	Monterey, CA	107
San Joaquin Valley, CA	San Joaquin, CA	Montezuma, CO	692
San Joaquin Valley, CA	San Joaquin, CA	Montrose, CO	706
San Joaquin Valley, CA	San Joaquin, CA	Navajo, AZ	634
San Joaquin Valley, CA	San Joaquin, CA	Nevada, CA	96
San Joaquin Valley, CA	San Joaquin, CA	Nye, NV	259
San Joaquin Valley, CA	San Joaquin, CA	Orange, CA	353
San Joaquin Valley, CA	San Joaquin, CA	Owyhee, ID	432
San Joaquin Valley, CA	San Joaquin, CA	Pershing, NV	238
San Joaquin Valley, CA	San Joaquin, CA	Pima, AZ	675
San Joaquin Valley, CA	San Joaquin, CA	Pinal, AZ	653
San Joaquin Valley, CA	San Joaquin, CA	Piute, UT	499
San Joaquin Valley, CA	San Joaquin, CA	Placer, CA	82
San Joaquin Valley, CA	San Joaquin, CA	Riverside, CA	410
San Joaquin Valley, CA	San Joaquin, CA	Sacramento, CA	34
San Joaquin Valley, CA	San Joaquin, CA	Salt Lake, UT	536
San Joaquin Valley, CA	San Joaquin, CA	San Benito, CA	91
San Joaquin Valley, CA	San Joaquin, CA	San Bernardino, CA	356
San Joaquin Valley, CA	San Joaquin, CA	San Diego, CA	424
San Joaquin Valley, CA	San Joaquin, CA	San Francisco, CA	66
San Joaquin Valley, CA	San Joaquin, CA	San Joaquin, CA	20
San Joaquin Valley, CA	San Joaquin, CA	San Juan, NM	717
San Joaquin Valley, CA	San Joaquin, CA	San Juan, UT	628
San Joaquin Valley, CA	San Joaquin, CA	San Luis Obispo, CA	183
San Joaquin Valley, CA	San Joaquin, CA	San Mateo, CA	67
San Joaquin Valley, CA	San Joaquin, CA	San Miguel, CO	700
San Joaquin Valley, CA	San Joaquin, CA	Sanpete, UT	535
San Joaquin Valley, CA	San Joaquin, CA	Santa Barbara, CA	228
San Joaquin Valley, CA	San Joaquin, CA	Santa Clara, CA	55
San Joaquin Valley, CA	San Joaquin, CA	Santa Cruz, AZ	738
San Joaquin Valley, CA	San Joaquin, CA	Santa Cruz, CA	71
San Joaquin Valley, CA	San Joaquin, CA	Sevier, UT	518
San Joaquin Valley, CA	San Joaquin, CA	Sierra, CA	124
San Joaquin Valley, CA	San Joaquin, CA	Stanislaus, CA	28
San Joaquin Valley, CA	San Joaquin, CA	Storey, NV	141
San Joaquin Valley, CA	San Joaquin, CA	Sutter, CA	82
San Joaquin Valley, CA	San Joaquin, CA	Tooele, UT	471
San Joaquin Valley, CA	San Joaquin, CA	Tulare, CA	175
San Joaquin Valley, CA	San Joaquin, CA	Tuolumne, CA	75
San Joaquin Valley, CA	San Joaquin, CA	Twin Falls, ID	474

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Joaquin Valley, CA	San Joaquin, CA	Utah, UT	537
San Joaquin Valley, CA	San Joaquin, CA	Ventura, CA	265
San Joaquin Valley, CA	San Joaquin, CA	Washington, UT	428
San Joaquin Valley, CA	San Joaquin, CA	Washoe, NV	204
San Joaquin Valley, CA	San Joaquin, CA	Wayne, UT	563
San Joaquin Valley, CA	San Joaquin, CA	Weber, UT	552
San Joaquin Valley, CA	San Joaquin, CA	White Pine, NV	354
San Joaquin Valley, CA	San Joaquin, CA	Yavapai, AZ	538
San Joaquin Valley, CA	San Joaquin, CA	Yuba, CA	97
San Joaquin Valley, CA	San Joaquin, CA	Yuma, AZ	544
San Joaquin Valley, CA	Stanislaus, CA	Alameda, CA	54
San Joaquin Valley, CA	Stanislaus, CA	Alpine, CA	91
San Joaquin Valley, CA	Stanislaus, CA	Amador, CA	60
San Joaquin Valley, CA	Stanislaus, CA	Apache, AZ	657
San Joaquin Valley, CA	Stanislaus, CA	Beaver, UT	422
San Joaquin Valley, CA	Stanislaus, CA	Box Elder, UT	474
San Joaquin Valley, CA	Stanislaus, CA	Calaveras, CA	41
San Joaquin Valley, CA	Stanislaus, CA	Carson, NV	125
San Joaquin Valley, CA	Stanislaus, CA	Cassia, ID	504
San Joaquin Valley, CA	Stanislaus, CA	Churchill, NV	193
San Joaquin Valley, CA	Stanislaus, CA	Clark, NV	333
San Joaquin Valley, CA	Stanislaus, CA	Cochise, AZ	746
San Joaquin Valley, CA	Stanislaus, CA	Coconino, AZ	509
San Joaquin Valley, CA	Stanislaus, CA	Davis, UT	534
San Joaquin Valley, CA	Stanislaus, CA	Dolores, CO	678
San Joaquin Valley, CA	Stanislaus, CA	Douglas, NV	110
San Joaquin Valley, CA	Stanislaus, CA	El Dorado, CA	84
San Joaquin Valley, CA	Stanislaus, CA	Elko, NV	373
San Joaquin Valley, CA	Stanislaus, CA	Emery, UT	561
San Joaquin Valley, CA	Stanislaus, CA	Esmeralda, NV	176
San Joaquin Valley, CA	Stanislaus, CA	Eureka, NV	304
San Joaquin Valley, CA	Stanislaus, CA	Fresno, CA	90
San Joaquin Valley, CA	Stanislaus, CA	Garfield, UT	514
San Joaquin Valley, CA	Stanislaus, CA	Gila, AZ	633
San Joaquin Valley, CA	Stanislaus, CA	Graham, AZ	692
San Joaquin Valley, CA	Stanislaus, CA	Grand, UT	619
San Joaquin Valley, CA	Stanislaus, CA	Harney, OR	387
San Joaquin Valley, CA	Stanislaus, CA	Humboldt, NV	292
San Joaquin Valley, CA	Stanislaus, CA	Imperial, CA	445
San Joaquin Valley, CA	Stanislaus, CA	Inyo, CA	198
San Joaquin Valley, CA	Stanislaus, CA	Iron, UT	414
San Joaquin Valley, CA	Stanislaus, CA	Juab, UT	455
San Joaquin Valley, CA	Stanislaus, CA	Kane, UT	495
San Joaquin Valley, CA	Stanislaus, CA	Kern, CA	200
San Joaquin Valley, CA	Stanislaus, CA	Kings, CA	119
San Joaquin Valley, CA	Stanislaus, CA	La Paz, AZ	476
San Joaquin Valley, CA	Stanislaus, CA	Lake, OR	360
San Joaquin Valley, CA	Stanislaus, CA	Lander, NV	267
San Joaquin Valley, CA	Stanislaus, CA	Lassen, CA	197

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Joaquin Valley, CA	Stanislaus, CA	Lincoln, NV	324
San Joaquin Valley, CA	Stanislaus, CA	Los Angeles, CA	302
San Joaquin Valley, CA	Stanislaus, CA	Lyon, NV	139
San Joaquin Valley, CA	Stanislaus, CA	Madera, CA	73
San Joaquin Valley, CA	Stanislaus, CA	Malheur, OR	425
San Joaquin Valley, CA	Stanislaus, CA	Maricopa, AZ	546
San Joaquin Valley, CA	Stanislaus, CA	Mariposa, CA	51
San Joaquin Valley, CA	Stanislaus, CA	Merced, CA	33
San Joaquin Valley, CA	Stanislaus, CA	Mesa, CO	674
San Joaquin Valley, CA	Stanislaus, CA	Millard, UT	438
San Joaquin Valley, CA	Stanislaus, CA	Mineral, NV	153
San Joaquin Valley, CA	Stanislaus, CA	Modoc, CA	276
San Joaquin Valley, CA	Stanislaus, CA	Mohave, AZ	407
San Joaquin Valley, CA	Stanislaus, CA	Mono, CA	107
San Joaquin Valley, CA	Stanislaus, CA	Monterey, CA	93
San Joaquin Valley, CA	Stanislaus, CA	Montezuma, CO	673
San Joaquin Valley, CA	Stanislaus, CA	Montrose, CO	689
San Joaquin Valley, CA	Stanislaus, CA	Navajo, AZ	610
San Joaquin Valley, CA	Stanislaus, CA	Nevada, CA	115
San Joaquin Valley, CA	Stanislaus, CA	Nye, NV	239
San Joaquin Valley, CA	Stanislaus, CA	Orange, CA	325
San Joaquin Valley, CA	Stanislaus, CA	Owyhee, ID	437
San Joaquin Valley, CA	Stanislaus, CA	Pershing, NV	242
San Joaquin Valley, CA	Stanislaus, CA	Pima, AZ	647
San Joaquin Valley, CA	Stanislaus, CA	Pinal, AZ	627
San Joaquin Valley, CA	Stanislaus, CA	Piute, UT	482
San Joaquin Valley, CA	Stanislaus, CA	Placer, CA	98
San Joaquin Valley, CA	Stanislaus, CA	Riverside, CA	382
San Joaquin Valley, CA	Stanislaus, CA	Sacramento, CA	57
San Joaquin Valley, CA	Stanislaus, CA	Salt Lake, UT	526
San Joaquin Valley, CA	Stanislaus, CA	San Benito, CA	71
San Joaquin Valley, CA	Stanislaus, CA	San Bernardino, CA	328
San Joaquin Valley, CA	Stanislaus, CA	San Diego, CA	396
San Joaquin Valley, CA	Stanislaus, CA	San Francisco, CA	86
San Joaquin Valley, CA	Stanislaus, CA	San Joaquin, CA	28
San Joaquin Valley, CA	Stanislaus, CA	San Juan, NM	697
San Joaquin Valley, CA	Stanislaus, CA	San Juan, UT	610
San Joaquin Valley, CA	Stanislaus, CA	San Luis Obispo, CA	159
San Joaquin Valley, CA	Stanislaus, CA	San Mateo, CA	79
San Joaquin Valley, CA	Stanislaus, CA	San Miguel, CO	682
San Joaquin Valley, CA	Stanislaus, CA	Sanpete, UT	522
San Joaquin Valley, CA	Stanislaus, CA	Santa Barbara, CA	204
San Joaquin Valley, CA	Stanislaus, CA	Santa Clara, CA	54
San Joaquin Valley, CA	Stanislaus, CA	Santa Cruz, AZ	711
San Joaquin Valley, CA	Stanislaus, CA	Santa Cruz, CA	73
San Joaquin Valley, CA	Stanislaus, CA	Sevier, UT	502
San Joaquin Valley, CA	Stanislaus, CA	Sierra, CA	138
San Joaquin Valley, CA	Stanislaus, CA	Stanislaus, CA	20
San Joaquin Valley, CA	Stanislaus, CA	Storey, NV	146

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Joaquin Valley, CA	Stanislaus, CA	Sutter, CA	107
San Joaquin Valley, CA	Stanislaus, CA	Tooele, UT	462
San Joaquin Valley, CA	Stanislaus, CA	Tulare, CA	147
San Joaquin Valley, CA	Stanislaus, CA	Tuolumne, CA	62
San Joaquin Valley, CA	Stanislaus, CA	Twin Falls, ID	474
San Joaquin Valley, CA	Stanislaus, CA	Utah, UT	526
San Joaquin Valley, CA	Stanislaus, CA	Ventura, CA	239
San Joaquin Valley, CA	Stanislaus, CA	Washington, UT	407
San Joaquin Valley, CA	Stanislaus, CA	Washoe, NV	216
San Joaquin Valley, CA	Stanislaus, CA	Wayne, UT	546
San Joaquin Valley, CA	Stanislaus, CA	Weber, UT	544
San Joaquin Valley, CA	Stanislaus, CA	White Pine, NV	343
San Joaquin Valley, CA	Stanislaus, CA	Yavapai, AZ	512
San Joaquin Valley, CA	Stanislaus, CA	Yuba, CA	120
San Joaquin Valley, CA	Stanislaus, CA	Yuma, AZ	516
San Joaquin Valley, CA	Tulare, CA	Alameda, CA	194
San Joaquin Valley, CA	Tulare, CA	Alpine, CA	173
San Joaquin Valley, CA	Tulare, CA	Amador, CA	185
San Joaquin Valley, CA	Tulare, CA	Apache, AZ	531
San Joaquin Valley, CA	Tulare, CA	Beaver, UT	341
San Joaquin Valley, CA	Tulare, CA	Box Elder, UT	460
San Joaquin Valley, CA	Tulare, CA	Calaveras, CA	166
San Joaquin Valley, CA	Tulare, CA	Carson, NV	207
San Joaquin Valley, CA	Tulare, CA	Cassia, ID	503
San Joaquin Valley, CA	Tulare, CA	Churchill, NV	228
San Joaquin Valley, CA	Tulare, CA	Clark, NV	201
San Joaquin Valley, CA	Tulare, CA	Cochise, AZ	602
San Joaquin Valley, CA	Tulare, CA	Coconino, AZ	382
San Joaquin Valley, CA	Tulare, CA	Davis, UT	496
San Joaquin Valley, CA	Tulare, CA	Dolores, CO	578
San Joaquin Valley, CA	Tulare, CA	Douglas, NV	182
San Joaquin Valley, CA	Tulare, CA	El Dorado, CA	198
San Joaquin Valley, CA	Tulare, CA	Elko, NV	376
San Joaquin Valley, CA	Tulare, CA	Emery, UT	485
San Joaquin Valley, CA	Tulare, CA	Esmeralda, NV	119
San Joaquin Valley, CA	Tulare, CA	Eureka, NV	300
San Joaquin Valley, CA	Tulare, CA	Fresno, CA	58
San Joaquin Valley, CA	Tulare, CA	Garfield, UT	419
San Joaquin Valley, CA	Tulare, CA	Gila, AZ	494
San Joaquin Valley, CA	Tulare, CA	Graham, AZ	551
San Joaquin Valley, CA	Tulare, CA	Grand, UT	539
San Joaquin Valley, CA	Tulare, CA	Harney, OR	467
San Joaquin Valley, CA	Tulare, CA	Humboldt, NV	348
San Joaquin Valley, CA	Tulare, CA	Imperial, CA	299
San Joaquin Valley, CA	Tulare, CA	Inyo, CA	77
San Joaquin Valley, CA	Tulare, CA	Iron, UT	322
San Joaquin Valley, CA	Tulare, CA	Juab, UT	400
San Joaquin Valley, CA	Tulare, CA	Kane, UT	391
San Joaquin Valley, CA	Tulare, CA	Kern, CA	67

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Joaquin Valley, CA	Tulare, CA	Kings, CA	54
San Joaquin Valley, CA	Tulare, CA	La Paz, AZ	330
San Joaquin Valley, CA	Tulare, CA	Lake, OR	463
San Joaquin Valley, CA	Tulare, CA	Lander, NV	279
San Joaquin Valley, CA	Tulare, CA	Lassen, CA	306
San Joaquin Valley, CA	Tulare, CA	Lincoln, NV	236
San Joaquin Valley, CA	Tulare, CA	Los Angeles, CA	173
San Joaquin Valley, CA	Tulare, CA	Lyon, NV	195
San Joaquin Valley, CA	Tulare, CA	Madera, CA	83
San Joaquin Valley, CA	Tulare, CA	Malheur, OR	485
San Joaquin Valley, CA	Tulare, CA	Maricopa, AZ	401
San Joaquin Valley, CA	Tulare, CA	Mariposa, CA	108
San Joaquin Valley, CA	Tulare, CA	Merced, CA	118
San Joaquin Valley, CA	Tulare, CA	Mesa, CO	590
San Joaquin Valley, CA	Tulare, CA	Millard, UT	371
San Joaquin Valley, CA	Tulare, CA	Mineral, NV	156
San Joaquin Valley, CA	Tulare, CA	Modoc, CA	382
San Joaquin Valley, CA	Tulare, CA	Mohave, AZ	274
San Joaquin Valley, CA	Tulare, CA	Mono, CA	127
San Joaquin Valley, CA	Tulare, CA	Monterey, CA	149
San Joaquin Valley, CA	Tulare, CA	Montezuma, CO	569
San Joaquin Valley, CA	Tulare, CA	Montrose, CO	598
San Joaquin Valley, CA	Tulare, CA	Navajo, AZ	483
San Joaquin Valley, CA	Tulare, CA	Nevada, CA	239
San Joaquin Valley, CA	Tulare, CA	Nye, NV	156
San Joaquin Valley, CA	Tulare, CA	Orange, CA	190
San Joaquin Valley, CA	Tulare, CA	Owyhee, ID	475
San Joaquin Valley, CA	Tulare, CA	Pershing, NV	293
San Joaquin Valley, CA	Tulare, CA	Pima, AZ	501
San Joaquin Valley, CA	Tulare, CA	Pinal, AZ	483
San Joaquin Valley, CA	Tulare, CA	Piute, UT	397
San Joaquin Valley, CA	Tulare, CA	Placer, CA	217
San Joaquin Valley, CA	Tulare, CA	Riverside, CA	235
San Joaquin Valley, CA	Tulare, CA	Sacramento, CA	199
San Joaquin Valley, CA	Tulare, CA	Salt Lake, UT	483
San Joaquin Valley, CA	Tulare, CA	San Benito, CA	125
San Joaquin Valley, CA	Tulare, CA	San Bernardino, CA	182
San Joaquin Valley, CA	Tulare, CA	San Diego, CA	255
San Joaquin Valley, CA	Tulare, CA	San Francisco, CA	225
San Joaquin Valley, CA	Tulare, CA	San Joaquin, CA	175
San Joaquin Valley, CA	Tulare, CA	San Juan, NM	584
San Joaquin Valley, CA	Tulare, CA	San Juan, UT	512
San Joaquin Valley, CA	Tulare, CA	San Luis Obispo, CA	106
San Joaquin Valley, CA	Tulare, CA	San Mateo, CA	209
San Joaquin Valley, CA	Tulare, CA	San Miguel, CO	586
San Joaquin Valley, CA	Tulare, CA	Sanpete, UT	454
San Joaquin Valley, CA	Tulare, CA	Santa Barbara, CA	126
San Joaquin Valley, CA	Tulare, CA	Santa Clara, CA	173
San Joaquin Valley, CA	Tulare, CA	Santa Cruz, AZ	564

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
San Joaquin Valley, CA	Tulare, CA	Santa Cruz, CA	186
San Joaquin Valley, CA	Tulare, CA	Sevier, UT	424
San Joaquin Valley, CA	Tulare, CA	Sierra, CA	247
San Joaquin Valley, CA	Tulare, CA	Stanislaus, CA	147
San Joaquin Valley, CA	Tulare, CA	Storey, NV	223
San Joaquin Valley, CA	Tulare, CA	Sutter, CA	247
San Joaquin Valley, CA	Tulare, CA	Tooele, UT	424
San Joaquin Valley, CA	Tulare, CA	Tulare, CA	39
San Joaquin Valley, CA	Tulare, CA	Tuolumne, CA	136
San Joaquin Valley, CA	Tulare, CA	Twin Falls, ID	485
San Joaquin Valley, CA	Tulare, CA	Utah, UT	472
San Joaquin Valley, CA	Tulare, CA	Ventura, CA	125
San Joaquin Valley, CA	Tulare, CA	Washington, UT	305
San Joaquin Valley, CA	Tulare, CA	Washoe, NV	302
San Joaquin Valley, CA	Tulare, CA	Wayne, UT	458
San Joaquin Valley, CA	Tulare, CA	Weber, UT	511
San Joaquin Valley, CA	Tulare, CA	White Pine, NV	302
San Joaquin Valley, CA	Tulare, CA	Yavapai, AZ	375
San Joaquin Valley, CA	Tulare, CA	Yuba, CA	253
San Joaquin Valley, CA	Tulare, CA	Yuma, AZ	369
State College, PA	Centre, PA	Adams, PA	78
State College, PA	Centre, PA	Allegany, MD	108
State College, PA	Centre, PA	Allegany, NY	91
State College, PA	Centre, PA	Allegheny, PA	129
State College, PA	Centre, PA	Anne Arundel, MD	149
State College, PA	Centre, PA	Arlington, VA	147
State College, PA	Centre, PA	Armstrong, PA	94
State College, PA	Centre, PA	Ashtabula, OH	170
State College, PA	Centre, PA	Baltimore, MD	118
State College, PA	Centre, PA	Beaver, PA	142
State College, PA	Centre, PA	Bedford, PA	78
State College, PA	Centre, PA	Berkeley, WV	107
State College, PA	Centre, PA	Berks, PA	99
State College, PA	Centre, PA	Blair, PA	49
State College, PA	Centre, PA	Bradford, PA	81
State College, PA	Centre, PA	Brooke, WV	160
State College, PA	Centre, PA	Broome, NY	126
State College, PA	Centre, PA	Bucks, PA	140
State College, PA	Centre, PA	Butler, PA	118
State College, PA	Centre, PA	Cambria, PA	66
State College, PA	Centre, PA	Cameron, PA	42
State College, PA	Centre, PA	Carbon, PA	100
State College, PA	Centre, PA	Carroll, MD	105
State College, PA	Centre, PA	Cattaraugus, NY	104
State College, PA	Centre, PA	Cecil, MD	135
State College, PA	Centre, PA	Centre, PA	18
State College, PA	Centre, PA	Chautauqua, NY	128
State College, PA	Centre, PA	Chemung, NY	94
State College, PA	Centre, PA	Chester, PA	123

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
State College, PA	Centre, PA	Clarion, PA	94
State College, PA	Centre, PA	Clarke, VA	129
State College, PA	Centre, PA	Clearfield, PA	41
State College, PA	Centre, PA	Clinton, PA	18
State College, PA	Centre, PA	Columbia, PA	66
State College, PA	Centre, PA	Cortland, NY	139
State College, PA	Centre, PA	Crawford, PA	134
State College, PA	Centre, PA	Cumberland, PA	60
State College, PA	Centre, PA	Dauphin, PA	59
State College, PA	Centre, PA	District of Columbia, DC	148
State College, PA	Centre, PA	Elk, PA	65
State College, PA	Centre, PA	Erie, NY	135
State College, PA	Centre, PA	Erie, PA	143
State College, PA	Centre, PA	Fairfax, VA	149
State College, PA	Centre, PA	Fauquier, VA	156
State College, PA	Centre, PA	Fayette, PA	127
State College, PA	Centre, PA	Forest, PA	89
State College, PA	Centre, PA	Franklin, PA	67
State College, PA	Centre, PA	Frederick, MD	105
State College, PA	Centre, PA	Frederick, VA	124
State College, PA	Centre, PA	Fulton, PA	75
State College, PA	Centre, PA	Garrett, MD	135
State College, PA	Centre, PA	Genesee, NY	143
State College, PA	Centre, PA	Grant, WV	155
State College, PA	Centre, PA	Greene, PA	155
State College, PA	Centre, PA	Hampshire, WV	126
State College, PA	Centre, PA	Hancock, WV	156
State College, PA	Centre, PA	Hardy, WV	150
State College, PA	Centre, PA	Harford, MD	125
State College, PA	Centre, PA	Howard, MD	127
State College, PA	Centre, PA	Huntingdon, PA	44
State College, PA	Centre, PA	Indiana, PA	79
State College, PA	Centre, PA	Jefferson, PA	71
State College, PA	Centre, PA	Jefferson, WV	115
State College, PA	Centre, PA	Juniata, PA	35
State College, PA	Centre, PA	Lackawanna, PA	109
State College, PA	Centre, PA	Lancaster, PA	100
State College, PA	Centre, PA	Lawrence, PA	139
State College, PA	Centre, PA	Lebanon, PA	76
State College, PA	Centre, PA	Lehigh, PA	112
State College, PA	Centre, PA	Livingston, NY	122
State College, PA	Centre, PA	Loudoun, VA	130
State College, PA	Centre, PA	Luzerne, PA	90
State College, PA	Centre, PA	Lycoming, PA	40
State College, PA	Centre, PA	Marshall, WV	175
State College, PA	Centre, PA	McKean, PA	75
State College, PA	Centre, PA	Mercer, PA	137
State College, PA	Centre, PA	Mifflin, PA	25
State College, PA	Centre, PA	Mineral, WV	126

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
State College, PA	Centre, PA	Monongalia, WV	155
State College, PA	Centre, PA	Monroe, NY	151
State College, PA	Centre, PA	Monroe, PA	124
State College, PA	Centre, PA	Montgomery, MD	128
State College, PA	Centre, PA	Montgomery, PA	132
State College, PA	Centre, PA	Montour, PA	52
State College, PA	Centre, PA	Morgan, WV	104
State College, PA	Centre, PA	Northampton, PA	119
State College, PA	Centre, PA	Northumberland, PA	51
State College, PA	Centre, PA	Ohio, WV	167
State College, PA	Centre, PA	Ontario, NY	129
State College, PA	Centre, PA	Perry, PA	44
State College, PA	Centre, PA	Potter, PA	55
State College, PA	Centre, PA	Preston, WV	150
State College, PA	Centre, PA	Prince George's, MD	154
State College, PA	Centre, PA	Prince William, VA	156
State College, PA	Centre, PA	Schuyler, NY	106
State College, PA	Centre, PA	Schuylkill, PA	81
State College, PA	Centre, PA	Seneca, NY	132
State College, PA	Centre, PA	Snyder, PA	32
State College, PA	Centre, PA	Somerset, PA	99
State College, PA	Centre, PA	Steuben, NY	92
State College, PA	Centre, PA	Sullivan, PA	68
State College, PA	Centre, PA	Susquehanna, PA	113
State College, PA	Centre, PA	Tioga, NY	110
State College, PA	Centre, PA	Tioga, PA	59
State College, PA	Centre, PA	Tompkins, NY	119
State College, PA	Centre, PA	Trumbull, OH	163
State College, PA	Centre, PA	Union, PA	32
State College, PA	Centre, PA	Venango, PA	112
State College, PA	Centre, PA	Warren, PA	102
State College, PA	Centre, PA	Washington, MD	100
State College, PA	Centre, PA	Washington, PA	145
State College, PA	Centre, PA	Wayne, NY	156
State College, PA	Centre, PA	Wayne, PA	133
State College, PA	Centre, PA	Westmoreland, PA	100
State College, PA	Centre, PA	Wyoming, NY	123
State College, PA	Centre, PA	Wyoming, PA	94
State College, PA	Centre, PA	Yates, NY	117
State College, PA	Centre, PA	York, PA	84
Steubenville, OH	Brooke, WV	Allegany, MD	115
Steubenville, OH	Brooke, WV	Allegheny, PA	32
Steubenville, OH	Brooke, WV	Armstrong, PA	71
Steubenville, OH	Brooke, WV	Ashland, OH	97
Steubenville, OH	Brooke, WV	Ashtabula, OH	101
Steubenville, OH	Brooke, WV	Athens, OH	102
Steubenville, OH	Brooke, WV	Barbour, WV	85
Steubenville, OH	Brooke, WV	Beaver, PA	29
Steubenville, OH	Brooke, WV	Bedford, PA	112

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Steubenville, OH	Brooke, WV	Belmont, OH	29
Steubenville, OH	Brooke, WV	Blair, PA	118
Steubenville, OH	Brooke, WV	Brooke, WV	5
Steubenville, OH	Brooke, WV	Butler, PA	56
Steubenville, OH	Brooke, WV	Calhoun, WV	105
Steubenville, OH	Brooke, WV	Cambria, PA	98
Steubenville, OH	Brooke, WV	Carroll, OH	34
Steubenville, OH	Brooke, WV	Clarion, PA	87
Steubenville, OH	Brooke, WV	Clearfield, PA	122
Steubenville, OH	Brooke, WV	Columbiana, OH	35
Steubenville, OH	Brooke, WV	Coshocton, OH	71
Steubenville, OH	Brooke, WV	Crawford, PA	100
Steubenville, OH	Brooke, WV	Cuyahoga, OH	100
Steubenville, OH	Brooke, WV	Delaware, OH	128
Steubenville, OH	Brooke, WV	Doddridge, WV	70
Steubenville, OH	Brooke, WV	Erie, PA	126
Steubenville, OH	Brooke, WV	Fairfield, OH	114
Steubenville, OH	Brooke, WV	Fayette, PA	54
Steubenville, OH	Brooke, WV	Forest, PA	108
Steubenville, OH	Brooke, WV	Franklin, OH	131
Steubenville, OH	Brooke, WV	Garrett, MD	88
Steubenville, OH	Brooke, WV	Geauga, OH	93
Steubenville, OH	Brooke, WV	Gilmer, WV	95
Steubenville, OH	Brooke, WV	Grant, WV	111
Steubenville, OH	Brooke, WV	Greene, PA	34
Steubenville, OH	Brooke, WV	Guernsey, OH	51
Steubenville, OH	Brooke, WV	Hancock, WV	16
Steubenville, OH	Brooke, WV	Harrison, OH	28
Steubenville, OH	Brooke, WV	Harrison, WV	69
Steubenville, OH	Brooke, WV	Hocking, OH	114
Steubenville, OH	Brooke, WV	Holmes, OH	74
Steubenville, OH	Brooke, WV	Huron, OH	121
Steubenville, OH	Brooke, WV	Indiana, PA	81
Steubenville, OH	Brooke, WV	Jackson, WV	117
Steubenville, OH	Brooke, WV	Jefferson, OH	11
Steubenville, OH	Brooke, WV	Jefferson, PA	101
Steubenville, OH	Brooke, WV	Knox, OH	98
Steubenville, OH	Brooke, WV	Lake, OH	105
Steubenville, OH	Brooke, WV	Lawrence, PA	51
Steubenville, OH	Brooke, WV	Lewis, WV	92
Steubenville, OH	Brooke, WV	Licking, OH	102
Steubenville, OH	Brooke, WV	Lorain, OH	107
Steubenville, OH	Brooke, WV	Mahoning, OH	52
Steubenville, OH	Brooke, WV	Marion, WV	55
Steubenville, OH	Brooke, WV	Marshall, WV	28
Steubenville, OH	Brooke, WV	Medina, OH	93
Steubenville, OH	Brooke, WV	Meigs, OH	117
Steubenville, OH	Brooke, WV	Mercer, PA	71
Steubenville, OH	Brooke, WV	Mineral, WV	104

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Steubenville, OH	Brooke, WV	Monongalia, WV	58
Steubenville, OH	Brooke, WV	Monroe, OH	47
Steubenville, OH	Brooke, WV	Morgan, OH	81
Steubenville, OH	Brooke, WV	Morrow, OH	119
Steubenville, OH	Brooke, WV	Muskingum, OH	77
Steubenville, OH	Brooke, WV	Noble, OH	61
Steubenville, OH	Brooke, WV	Ohio, WV	13
Steubenville, OH	Brooke, WV	Perry, OH	95
Steubenville, OH	Brooke, WV	Pleasants, WV	70
Steubenville, OH	Brooke, WV	Portage, OH	70
Steubenville, OH	Brooke, WV	Preston, WV	74
Steubenville, OH	Brooke, WV	Richland, OH	110
Steubenville, OH	Brooke, WV	Ritchie, WV	80
Steubenville, OH	Brooke, WV	Somerset, PA	83
Steubenville, OH	Brooke, WV	Stark, OH	56
Steubenville, OH	Brooke, WV	Summit, OH	78
Steubenville, OH	Brooke, WV	Taylor, WV	70
Steubenville, OH	Brooke, WV	Trumbull, OH	72
Steubenville, OH	Brooke, WV	Tucker, WV	96
Steubenville, OH	Brooke, WV	Tuscarawas, OH	50
Steubenville, OH	Brooke, WV	Tyler, WV	59
Steubenville, OH	Brooke, WV	Upshur, WV	97
Steubenville, OH	Brooke, WV	Venango, PA	89
Steubenville, OH	Brooke, WV	Vinton, OH	127
Steubenville, OH	Brooke, WV	Warren, PA	125
Steubenville, OH	Brooke, WV	Washington, OH	77
Steubenville, OH	Brooke, WV	Washington, PA	18
Steubenville, OH	Brooke, WV	Wayne, OH	79
Steubenville, OH	Brooke, WV	Westmoreland, PA	63
Steubenville, OH	Brooke, WV	Wetzel, WV	49
Steubenville, OH	Brooke, WV	Wirt, WV	96
Steubenville, OH	Brooke, WV	Wood, WV	89
Steubenville, OH	Hancock, WV	Allegany, MD	123
Steubenville, OH	Hancock, WV	Allegheny, PA	30
Steubenville, OH	Hancock, WV	Armstrong, PA	63
Steubenville, OH	Hancock, WV	Ashland, OH	91
Steubenville, OH	Hancock, WV	Ashtabula, OH	85
Steubenville, OH	Hancock, WV	Athens, OH	112
Steubenville, OH	Hancock, WV	Barbour, WV	100
Steubenville, OH	Hancock, WV	Beaver, PA	16
Steubenville, OH	Hancock, WV	Bedford, PA	115
Steubenville, OH	Hancock, WV	Belmont, OH	41
Steubenville, OH	Hancock, WV	Blair, PA	117
Steubenville, OH	Hancock, WV	Brooke, WV	16
Steubenville, OH	Hancock, WV	Butler, PA	44
Steubenville, OH	Hancock, WV	Calhoun, WV	120
Steubenville, OH	Hancock, WV	Cambria, PA	96
Steubenville, OH	Hancock, WV	Carroll, OH	28
Steubenville, OH	Hancock, WV	Clarion, PA	76

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Steubenville, OH	Hancock, WV	Clearfield, PA	116
Steubenville, OH	Hancock, WV	Columbiana, OH	21
Steubenville, OH	Hancock, WV	Coshocton, OH	72
Steubenville, OH	Hancock, WV	Crawford, PA	84
Steubenville, OH	Hancock, WV	Cuyahoga, OH	87
Steubenville, OH	Hancock, WV	Delaware, OH	129
Steubenville, OH	Hancock, WV	Doddridge, WV	87
Steubenville, OH	Hancock, WV	Erie, PA	111
Steubenville, OH	Hancock, WV	Fairfield, OH	120
Steubenville, OH	Hancock, WV	Fayette, PA	63
Steubenville, OH	Hancock, WV	Forest, PA	96
Steubenville, OH	Hancock, WV	Franklin, OH	134
Steubenville, OH	Hancock, WV	Garrett, MD	99
Steubenville, OH	Hancock, WV	Geauga, OH	77
Steubenville, OH	Hancock, WV	Gilmer, WV	112
Steubenville, OH	Hancock, WV	Grant, WV	124
Steubenville, OH	Hancock, WV	Greene, PA	48
Steubenville, OH	Hancock, WV	Guernsey, OH	58
Steubenville, OH	Hancock, WV	Hancock, WV	5
Steubenville, OH	Hancock, WV	Harrison, OH	32
Steubenville, OH	Hancock, WV	Harrison, WV	86
Steubenville, OH	Hancock, WV	Hocking, OH	122
Steubenville, OH	Hancock, WV	Holmes, OH	71
Steubenville, OH	Hancock, WV	Huron, OH	114
Steubenville, OH	Hancock, WV	Indiana, PA	78
Steubenville, OH	Hancock, WV	Jackson, WV	131
Steubenville, OH	Hancock, WV	Jefferson, OH	13
Steubenville, OH	Hancock, WV	Jefferson, PA	93
Steubenville, OH	Hancock, WV	Knox, OH	97
Steubenville, OH	Hancock, WV	Lake, OH	90
Steubenville, OH	Hancock, WV	Lawrence, PA	35
Steubenville, OH	Hancock, WV	Lewis, WV	109
Steubenville, OH	Hancock, WV	Licking, OH	105
Steubenville, OH	Hancock, WV	Lorain, OH	97
Steubenville, OH	Hancock, WV	Mahoning, OH	36
Steubenville, OH	Hancock, WV	Marion, WV	71
Steubenville, OH	Hancock, WV	Marshall, WV	44
Steubenville, OH	Hancock, WV	Medina, OH	83
Steubenville, OH	Hancock, WV	Meigs, OH	129
Steubenville, OH	Hancock, WV	Mercer, PA	55
Steubenville, OH	Hancock, WV	Mineral, WV	114
Steubenville, OH	Hancock, WV	Monongalia, WV	72
Steubenville, OH	Hancock, WV	Monroe, OH	62
Steubenville, OH	Hancock, WV	Morgan, OH	91
Steubenville, OH	Hancock, WV	Morrow, OH	117
Steubenville, OH	Hancock, WV	Muskingum, OH	83
Steubenville, OH	Hancock, WV	Noble, OH	72
Steubenville, OH	Hancock, WV	Ohio, WV	29
Steubenville, OH	Hancock, WV	Perry, OH	103

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Steubenville, OH	Hancock, WV	Pleasants, WV	85
Steubenville, OH	Hancock, WV	Portage, OH	56
Steubenville, OH	Hancock, WV	Preston, WV	87
Steubenville, OH	Hancock, WV	Richland, OH	106
Steubenville, OH	Hancock, WV	Ritchie, WV	95
Steubenville, OH	Hancock, WV	Somerset, PA	88
Steubenville, OH	Hancock, WV	Stark, OH	47
Steubenville, OH	Hancock, WV	Summit, OH	66
Steubenville, OH	Hancock, WV	Taylor, WV	86
Steubenville, OH	Hancock, WV	Trumbull, OH	56
Steubenville, OH	Hancock, WV	Tucker, WV	110
Steubenville, OH	Hancock, WV	Tuscarawas, OH	49
Steubenville, OH	Hancock, WV	Tyler, WV	75
Steubenville, OH	Hancock, WV	Upshur, WV	113
Steubenville, OH	Hancock, WV	Venango, PA	75
Steubenville, OH	Hancock, WV	Vinton, OH	137
Steubenville, OH	Hancock, WV	Warren, PA	112
Steubenville, OH	Hancock, WV	Washington, OH	90
Steubenville, OH	Hancock, WV	Washington, PA	27
Steubenville, OH	Hancock, WV	Wayne, OH	72
Steubenville, OH	Hancock, WV	Westmoreland, PA	63
Steubenville, OH	Hancock, WV	Wetzel, WV	65
Steubenville, OH	Hancock, WV	Wirt, WV	111
Steubenville, OH	Hancock, WV	Wood, WV	103
Steubenville, OH	Jefferson, OH	Allegany, MD	126
Steubenville, OH	Jefferson, OH	Allegheny, PA	39
Steubenville, OH	Jefferson, OH	Armstrong, PA	75
Steubenville, OH	Jefferson, OH	Ashland, OH	86
Steubenville, OH	Jefferson, OH	Ashtabula, OH	94
Steubenville, OH	Jefferson, OH	Athens, OH	99
Steubenville, OH	Jefferson, OH	Barbour, WV	95
Steubenville, OH	Jefferson, OH	Beaver, PA	29
Steubenville, OH	Jefferson, OH	Bedford, PA	122
Steubenville, OH	Jefferson, OH	Belmont, OH	29
Steubenville, OH	Jefferson, OH	Blair, PA	127
Steubenville, OH	Jefferson, OH	Brooke, WV	11
Steubenville, OH	Jefferson, OH	Butler, PA	57
Steubenville, OH	Jefferson, OH	Calhoun, WV	109
Steubenville, OH	Jefferson, OH	Cambria, PA	106
Steubenville, OH	Jefferson, OH	Carroll, OH	23
Steubenville, OH	Jefferson, OH	Clarion, PA	89
Steubenville, OH	Jefferson, OH	Clearfield, PA	128
Steubenville, OH	Jefferson, OH	Columbiana, OH	26
Steubenville, OH	Jefferson, OH	Coshocton, OH	62
Steubenville, OH	Jefferson, OH	Crawford, PA	96
Steubenville, OH	Jefferson, OH	Cuyahoga, OH	89
Steubenville, OH	Jefferson, OH	Delaware, OH	119
Steubenville, OH	Jefferson, OH	Doddridge, WV	77
Steubenville, OH	Jefferson, OH	Erie, PA	122

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Steubenville, OH	Jefferson, OH	Fairfield, OH	108
Steubenville, OH	Jefferson, OH	Fayette, PA	65
Steubenville, OH	Jefferson, OH	Forest, PA	109
Steubenville, OH	Jefferson, OH	Franklin, OH	123
Steubenville, OH	Jefferson, OH	Garrett, MD	100
Steubenville, OH	Jefferson, OH	Geauga, OH	83
Steubenville, OH	Jefferson, OH	Gilmer, WV	101
Steubenville, OH	Jefferson, OH	Grant, WV	122
Steubenville, OH	Jefferson, OH	Greene, PA	45
Steubenville, OH	Jefferson, OH	Guernsey, OH	46
Steubenville, OH	Jefferson, OH	Hancock, WV	13
Steubenville, OH	Jefferson, OH	Harrison, OH	20
Steubenville, OH	Jefferson, OH	Harrison, WV	78
Steubenville, OH	Jefferson, OH	Hocking, OH	110
Steubenville, OH	Jefferson, OH	Holmes, OH	63
Steubenville, OH	Jefferson, OH	Huron, OH	110
Steubenville, OH	Jefferson, OH	Indiana, PA	88
Steubenville, OH	Jefferson, OH	Jackson, WV	119
Steubenville, OH	Jefferson, OH	Jefferson, OH	11
Steubenville, OH	Jefferson, OH	Jefferson, PA	105
Steubenville, OH	Jefferson, OH	Knox, OH	88
Steubenville, OH	Jefferson, OH	Lake, OH	96
Steubenville, OH	Jefferson, OH	Lawrence, PA	48
Steubenville, OH	Jefferson, OH	Lewis, WV	100
Steubenville, OH	Jefferson, OH	Licking, OH	94
Steubenville, OH	Jefferson, OH	Lorain, OH	95
Steubenville, OH	Jefferson, OH	Mahoning, OH	44
Steubenville, OH	Jefferson, OH	Marion, WV	65
Steubenville, OH	Jefferson, OH	Marshall, WV	35
Steubenville, OH	Jefferson, OH	Medina, OH	81
Steubenville, OH	Jefferson, OH	Meigs, OH	116
Steubenville, OH	Jefferson, OH	Mercer, PA	67
Steubenville, OH	Jefferson, OH	Mineral, WV	115
Steubenville, OH	Jefferson, OH	Monongalia, WV	69
Steubenville, OH	Jefferson, OH	Monroe, OH	49
Steubenville, OH	Jefferson, OH	Morgan, OH	78
Steubenville, OH	Jefferson, OH	Morrow, OH	109
Steubenville, OH	Jefferson, OH	Muskingum, OH	71
Steubenville, OH	Jefferson, OH	Noble, OH	59
Steubenville, OH	Jefferson, OH	Ohio, WV	20
Steubenville, OH	Jefferson, OH	Perry, OH	90
Steubenville, OH	Jefferson, OH	Pleasants, WV	73
Steubenville, OH	Jefferson, OH	Portage, OH	60
Steubenville, OH	Jefferson, OH	Preston, WV	85
Steubenville, OH	Jefferson, OH	Richland, OH	99
Steubenville, OH	Jefferson, OH	Ritchie, WV	84
Steubenville, OH	Jefferson, OH	Somerset, PA	93
Steubenville, OH	Jefferson, OH	Stark, OH	45
Steubenville, OH	Jefferson, OH	Summit, OH	67

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Steubenville, OH	Jefferson, OH	Taylor, WV	80
Steubenville, OH	Jefferson, OH	Trumbull, OH	65
Steubenville, OH	Jefferson, OH	Tucker, WV	107
Steubenville, OH	Jefferson, OH	Tuscarawas, OH	40
Steubenville, OH	Jefferson, OH	Tyler, WV	64
Steubenville, OH	Jefferson, OH	Upshur, WV	106
Steubenville, OH	Jefferson, OH	Venango, PA	88
Steubenville, OH	Jefferson, OH	Vinton, OH	124
Steubenville, OH	Jefferson, OH	Warren, PA	125
Steubenville, OH	Jefferson, OH	Washington, OH	77
Steubenville, OH	Jefferson, OH	Washington, PA	29
Steubenville, OH	Jefferson, OH	Wayne, OH	68
Steubenville, OH	Jefferson, OH	Westmoreland, PA	71
Steubenville, OH	Jefferson, OH	Wetzel, WV	56
Steubenville, OH	Jefferson, OH	Wirt, WV	99
Steubenville, OH	Jefferson, OH	Wood, WV	90
Tacoma, WA	Pierce, WA	Adams, ID	305
Tacoma, WA	Pierce, WA	Adams, WA	168
Tacoma, WA	Pierce, WA	Asotin, WA	238
Tacoma, WA	Pierce, WA	Baker, OR	263
Tacoma, WA	Pierce, WA	Benewah, ID	252
Tacoma, WA	Pierce, WA	Benton, WA	129
Tacoma, WA	Pierce, WA	Bonner, ID	271
Tacoma, WA	Pierce, WA	Chelan, WA	91
Tacoma, WA	Pierce, WA	Clackamas, OR	131
Tacoma, WA	Pierce, WA	Clallam, WA	120
Tacoma, WA	Pierce, WA	Clark, WA	90
Tacoma, WA	Pierce, WA	Clatsop, OR	104
Tacoma, WA	Pierce, WA	Columbia, OR	92
Tacoma, WA	Pierce, WA	Columbia, WA	202
Tacoma, WA	Pierce, WA	Cowlitz, WA	71
Tacoma, WA	Pierce, WA	Crook, OR	219
Tacoma, WA	Pierce, WA	Deschutes, OR	214
Tacoma, WA	Pierce, WA	Douglas, WA	116
Tacoma, WA	Pierce, WA	Ferry, WA	188
Tacoma, WA	Pierce, WA	Franklin, WA	152
Tacoma, WA	Pierce, WA	Garfield, WA	219
Tacoma, WA	Pierce, WA	Gilliam, OR	141
Tacoma, WA	Pierce, WA	Grant, OR	231
Tacoma, WA	Pierce, WA	Grant, WA	121
Tacoma, WA	Pierce, WA	Grays Harbor, WA	85
Tacoma, WA	Pierce, WA	Harney, OR	315
Tacoma, WA	Pierce, WA	Hood River, OR	110
Tacoma, WA	Pierce, WA	Idaho, ID	319
Tacoma, WA	Pierce, WA	Island, WA	79
Tacoma, WA	Pierce, WA	Jefferson, OR	176
Tacoma, WA	Pierce, WA	Jefferson, WA	90
Tacoma, WA	Pierce, WA	King, WA	27
Tacoma, WA	Pierce, WA	Kitsap, WA	52

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Tacoma, WA	Pierce, WA	Kittitas, WA	65
Tacoma, WA	Pierce, WA	Klickitat, WA	105
Tacoma, WA	Pierce, WA	Kootenai, ID	254
Tacoma, WA	Pierce, WA	Latah, ID	253
Tacoma, WA	Pierce, WA	Lewis, WA	37
Tacoma, WA	Pierce, WA	Lincoln, OR	187
Tacoma, WA	Pierce, WA	Lincoln, WA	175
Tacoma, WA	Pierce, WA	Linn, OR	179
Tacoma, WA	Pierce, WA	Malheur, OR	342
Tacoma, WA	Pierce, WA	Marion, OR	149
Tacoma, WA	Pierce, WA	Mason, WA	63
Tacoma, WA	Pierce, WA	Morrow, OR	162
Tacoma, WA	Pierce, WA	Multnomah, OR	107
Tacoma, WA	Pierce, WA	Nez Perce, ID	254
Tacoma, WA	Pierce, WA	Okanogan, WA	144
Tacoma, WA	Pierce, WA	Pacific, WA	85
Tacoma, WA	Pierce, WA	Pend Oreille, WA	243
Tacoma, WA	Pierce, WA	Pierce, WA	25
Tacoma, WA	Pierce, WA	Polk, OR	164
Tacoma, WA	Pierce, WA	Sherman, OR	132
Tacoma, WA	Pierce, WA	Skagit, WA	98
Tacoma, WA	Pierce, WA	Skamania, WA	76
Tacoma, WA	Pierce, WA	Snohomish, WA	69
Tacoma, WA	Pierce, WA	Spokane, WA	220
Tacoma, WA	Pierce, WA	Stevens, WA	216
Tacoma, WA	Pierce, WA	Thurston, WA	40
Tacoma, WA	Pierce, WA	Tillamook, OR	140
Tacoma, WA	Pierce, WA	Umatilla, OR	196
Tacoma, WA	Pierce, WA	Union, OR	223
Tacoma, WA	Pierce, WA	Wahkiakum, WA	87
Tacoma, WA	Pierce, WA	Walla Walla, WA	176
Tacoma, WA	Pierce, WA	Wallowa, OR	257
Tacoma, WA	Pierce, WA	Wasco, OR	130
Tacoma, WA	Pierce, WA	Washington, OR	116
Tacoma, WA	Pierce, WA	Whatcom, WA	122
Tacoma, WA	Pierce, WA	Wheeler, OR	191
Tacoma, WA	Pierce, WA	Whitman, WA	214
Tacoma, WA	Pierce, WA	Yakima, WA	74
Tacoma, WA	Pierce, WA	Yamhill, OR	138
Vincennes, IN	Knox, IN	Bartholomew, IN	91
Vincennes, IN	Knox, IN	Benton, IN	135
Vincennes, IN	Knox, IN	Bond, IL	110
Vincennes, IN	Knox, IN	Boone, IN	109
Vincennes, IN	Knox, IN	Breckinridge, KY	81
Vincennes, IN	Knox, IN	Brown, IN	74
Vincennes, IN	Knox, IN	Butler, KY	110
Vincennes, IN	Knox, IN	Caldwell, KY	106
Vincennes, IN	Knox, IN	Champaign, IL	110
Vincennes, IN	Knox, IN	Christian, IL	118

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Vincennes, IN	Knox, IN	Clark, IL	50
Vincennes, IN	Knox, IN	Clark, IN	89
Vincennes, IN	Knox, IN	Clay, IL	57
Vincennes, IN	Knox, IN	Clay, IN	53
Vincennes, IN	Knox, IN	Clinton, IL	108
Vincennes, IN	Knox, IN	Clinton, IN	125
Vincennes, IN	Knox, IN	Coles, IL	73
Vincennes, IN	Knox, IN	Crawford, IL	30
Vincennes, IN	Knox, IN	Crawford, IN	61
Vincennes, IN	Knox, IN	Crittenden, KY	98
Vincennes, IN	Knox, IN	Cumberland, IL	61
Vincennes, IN	Knox, IN	Daviess, IN	18
Vincennes, IN	Knox, IN	Daviess, KY	66
Vincennes, IN	Knox, IN	Decatur, IN	113
Vincennes, IN	Knox, IN	Douglas, IL	87
Vincennes, IN	Knox, IN	Dubois, IN	36
Vincennes, IN	Knox, IN	Edgar, IL	73
Vincennes, IN	Knox, IN	Edwards, IL	38
Vincennes, IN	Knox, IN	Effingham, IL	68
Vincennes, IN	Knox, IN	Fayette, IL	89
Vincennes, IN	Knox, IN	Floyd, IN	87
Vincennes, IN	Knox, IN	Ford, IL	146
Vincennes, IN	Knox, IN	Fountain, IN	104
Vincennes, IN	Knox, IN	Franklin, IL	93
Vincennes, IN	Knox, IN	Gallatin, IL	76
Vincennes, IN	Knox, IN	Gibson, IN	23
Vincennes, IN	Knox, IN	Grayson, KY	101
Vincennes, IN	Knox, IN	Greene, IN	36
Vincennes, IN	Knox, IN	Hamilton, IL	72
Vincennes, IN	Knox, IN	Hamilton, IN	122
Vincennes, IN	Knox, IN	Hancock, IN	120
Vincennes, IN	Knox, IN	Hancock, KY	68
Vincennes, IN	Knox, IN	Hardin, IL	92
Vincennes, IN	Knox, IN	Hardin, KY	104
Vincennes, IN	Knox, IN	Harrison, IN	77
Vincennes, IN	Knox, IN	Henderson, KY	60
Vincennes, IN	Knox, IN	Hendricks, IN	91
Vincennes, IN	Knox, IN	Hopkins, KY	92
Vincennes, IN	Knox, IN	Iroquois, IL	146
Vincennes, IN	Knox, IN	Jackson, IL	124
Vincennes, IN	Knox, IN	Jackson, IN	77
Vincennes, IN	Knox, IN	Jasper, IL	46
Vincennes, IN	Knox, IN	Jefferson, IL	85
Vincennes, IN	Knox, IN	Jefferson, IN	107
Vincennes, IN	Knox, IN	Jefferson, KY	102
Vincennes, IN	Knox, IN	Jennings, IN	100
Vincennes, IN	Knox, IN	Johnson, IL	115
Vincennes, IN	Knox, IN	Johnson, IN	92
Vincennes, IN	Knox, IN	Knox, IN	13

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Vincennes, IN	Knox, IN	Lawrence, IL	16
Vincennes, IN	Knox, IN	Lawrence, IN	53
Vincennes, IN	Knox, IN	Livingston, KY	112
Vincennes, IN	Knox, IN	Lyon, KY	119
Vincennes, IN	Knox, IN	Macon, IL	117
Vincennes, IN	Knox, IN	Marion, IL	80
Vincennes, IN	Knox, IN	Marion, IN	104
Vincennes, IN	Knox, IN	Martin, IN	34
Vincennes, IN	Knox, IN	McLean, IL	150
Vincennes, IN	Knox, IN	McLean, KY	79
Vincennes, IN	Knox, IN	Meade, KY	80
Vincennes, IN	Knox, IN	Monroe, IN	60
Vincennes, IN	Knox, IN	Montgomery, IL	115
Vincennes, IN	Knox, IN	Montgomery, IN	100
Vincennes, IN	Knox, IN	Morgan, IN	77
Vincennes, IN	Knox, IN	Moultrie, IL	93
Vincennes, IN	Knox, IN	Muhlenberg, KY	100
Vincennes, IN	Knox, IN	Ohio, KY	87
Vincennes, IN	Knox, IN	Oldham, KY	107
Vincennes, IN	Knox, IN	Orange, IN	51
Vincennes, IN	Knox, IN	Owen, IN	55
Vincennes, IN	Knox, IN	Parke, IN	78
Vincennes, IN	Knox, IN	Perry, IL	112
Vincennes, IN	Knox, IN	Perry, IN	61
Vincennes, IN	Knox, IN	Piatt, IL	114
Vincennes, IN	Knox, IN	Pike, IN	21
Vincennes, IN	Knox, IN	Pope, IL	112
Vincennes, IN	Knox, IN	Posey, IN	51
Vincennes, IN	Knox, IN	Putnam, IN	76
Vincennes, IN	Knox, IN	Richland, IL	36
Vincennes, IN	Knox, IN	Ripley, IN	120
Vincennes, IN	Knox, IN	Saline, IL	87
Vincennes, IN	Knox, IN	Scott, IN	91
Vincennes, IN	Knox, IN	Shelby, IL	89
Vincennes, IN	Knox, IN	Shelby, IN	106
Vincennes, IN	Knox, IN	Spencer, IN	51
Vincennes, IN	Knox, IN	Sullivan, IN	29
Vincennes, IN	Knox, IN	Tippecanoe, IN	123
Vincennes, IN	Knox, IN	Trimble, KY	113
Vincennes, IN	Knox, IN	Union, KY	73
Vincennes, IN	Knox, IN	Vanderburgh, IN	47
Vincennes, IN	Knox, IN	Vermilion, IL	106
Vincennes, IN	Knox, IN	Vermillion, IN	84
Vincennes, IN	Knox, IN	Vigo, IN	53
Vincennes, IN	Knox, IN	Wabash, IL	29
Vincennes, IN	Knox, IN	Warren, IN	114
Vincennes, IN	Knox, IN	Warrick, IN	42
Vincennes, IN	Knox, IN	Washington, IL	110
Vincennes, IN	Knox, IN	Washington, IN	72

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Vincennes, IN	Knox, IN	Wayne, IL	56
Vincennes, IN	Knox, IN	Webster, KY	82
Vincennes, IN	Knox, IN	White, IL	57
Vincennes, IN	Knox, IN	Williamson, IL	104
Washington, DC	District of Columbia, DC	Adams, PA	70
Washington, DC	District of Columbia, DC	Alexandria (City), VA	8
Washington, DC	District of Columbia, DC	Allegany, MD	98
Washington, DC	District of Columbia, DC	Anne Arundel, MD	23
Washington, DC	District of Columbia, DC	Arlington, VA	6
Washington, DC	District of Columbia, DC	Baltimore (City), MD	33
Washington, DC	District of Columbia, DC	Baltimore, MD	43
Washington, DC	District of Columbia, DC	Bedford, PA	111
Washington, DC	District of Columbia, DC	Berkeley, WV	67
Washington, DC	District of Columbia, DC	Berks, PA	119
Washington, DC	District of Columbia, DC	Blair, PA	131
Washington, DC	District of Columbia, DC	Calvert, MD	33
Washington, DC	District of Columbia, DC	Caroline, VA	65
Washington, DC	District of Columbia, DC	Carroll, MD	44
Washington, DC	District of Columbia, DC	Cecil, MD	72
Washington, DC	District of Columbia, DC	Centre, PA	148
Washington, DC	District of Columbia, DC	Charles, MD	30
Washington, DC	District of Columbia, DC	Chester, PA	101
Washington, DC	District of Columbia, DC	Clarke, VA	55
Washington, DC	District of Columbia, DC	Culpeper, VA	61
Washington, DC	District of Columbia, DC	Cumberland, PA	87
Washington, DC	District of Columbia, DC	Dauphin, PA	103
Washington, DC	District of Columbia, DC	District of Columbia, DC	4
Washington, DC	District of Columbia, DC	Essex, VA	66
Washington, DC	District of Columbia, DC	Fairfax (City), VA	17
Washington, DC	District of Columbia, DC	Fairfax, VA	19
Washington, DC	District of Columbia, DC	Fauquier, VA	46
Washington, DC	District of Columbia, DC	Franklin, PA	85
Washington, DC	District of Columbia, DC	Frederick, MD	44
Washington, DC	District of Columbia, DC	Frederick, VA	70
Washington, DC	District of Columbia, DC	Fulton, PA	93
Washington, DC	District of Columbia, DC	Garrett, MD	130
Washington, DC	District of Columbia, DC	Hampshire, WV	93
Washington, DC	District of Columbia, DC	Hanover, VA	84
Washington, DC	District of Columbia, DC	Hardy, WV	99
Washington, DC	District of Columbia, DC	Harford, MD	56
Washington, DC	District of Columbia, DC	Howard, MD	24
Washington, DC	District of Columbia, DC	Huntingdon, PA	118
Washington, DC	District of Columbia, DC	Jefferson, WV	55
Washington, DC	District of Columbia, DC	Juniata, PA	113
Washington, DC	District of Columbia, DC	King and Queen, VA	83
Washington, DC	District of Columbia, DC	King George, VA	45
Washington, DC	District of Columbia, DC	King William, VA	82
Washington, DC	District of Columbia, DC	Lancaster, PA	87
Washington, DC	District of Columbia, DC	Lebanon, PA	106

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Washington, DC	District of Columbia, DC	Loudoun, VA	38
Washington, DC	District of Columbia, DC	Louisa, VA	84
Washington, DC	District of Columbia, DC	Madison, VA	77
Washington, DC	District of Columbia, DC	Middlesex, VA	89
Washington, DC	District of Columbia, DC	Mifflin, PA	123
Washington, DC	District of Columbia, DC	Mineral, WV	111
Washington, DC	District of Columbia, DC	Montgomery, MD	22
Washington, DC	District of Columbia, DC	Morgan, WV	83
Washington, DC	District of Columbia, DC	Northumberland, PA	139
Washington, DC	District of Columbia, DC	Northumberland, VA	79
Washington, DC	District of Columbia, DC	Orange, VA	73
Washington, DC	District of Columbia, DC	Page, VA	83
Washington, DC	District of Columbia, DC	Perry, PA	105
Washington, DC	District of Columbia, DC	Prince George's, MD	9
Washington, DC	District of Columbia, DC	Prince William, VA	31
Washington, DC	District of Columbia, DC	Rappahannock, VA	63
Washington, DC	District of Columbia, DC	Richmond, VA	66
Washington, DC	District of Columbia, DC	Schuylkill, PA	134
Washington, DC	District of Columbia, DC	Shenandoah, VA	86
Washington, DC	District of Columbia, DC	Snyder, PA	129
Washington, DC	District of Columbia, DC	Somerset, PA	134
Washington, DC	District of Columbia, DC	Spotsylvania, VA	61
Washington, DC	District of Columbia, DC	St. Mary's, MD	50
Washington, DC	District of Columbia, DC	Stafford, VA	43
Washington, DC	District of Columbia, DC	Warren, VA	65
Washington, DC	District of Columbia, DC	Washington, MD	58
Washington, DC	District of Columbia, DC	Westmoreland, VA	54
Washington, DC	District of Columbia, DC	York, PA	75
York, PA	York, PA	Adams, PA	26
York, PA	York, PA	Alexandria (City), VA	82
York, PA	York, PA	Allegany, MD	102
York, PA	York, PA	Allegany, NY	172
York, PA	York, PA	Anne Arundel, MD	70
York, PA	York, PA	Arlington, VA	78
York, PA	York, PA	Atlantic, NJ	114
York, PA	York, PA	Baltimore (City), MD	48
York, PA	York, PA	Baltimore, MD	36
York, PA	York, PA	Bedford, PA	92
York, PA	York, PA	Berkeley, WV	78
York, PA	York, PA	Berks, PA	52
York, PA	York, PA	Blair, PA	91
York, PA	York, PA	Bradford, PA	125
York, PA	York, PA	Bucks, PA	89
York, PA	York, PA	Burlington, NJ	110
York, PA	York, PA	Calvert, MD	99
York, PA	York, PA	Cambria, PA	111
York, PA	York, PA	Camden, NJ	94
York, PA	York, PA	Cameron, PA	126
York, PA	York, PA	Carbon, PA	85

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
York, PA	York, PA	Caroline, MD	89
York, PA	York, PA	Carroll, MD	33
York, PA	York, PA	Cecil, MD	53
York, PA	York, PA	Centre, PA	84
York, PA	York, PA	Charles, MD	104
York, PA	York, PA	Chemung, NY	150
York, PA	York, PA	Chester, PA	55
York, PA	York, PA	Clarke, VA	88
York, PA	York, PA	Clearfield, PA	114
York, PA	York, PA	Clinton, PA	100
York, PA	York, PA	Columbia, PA	76
York, PA	York, PA	Culpeper, VA	122
York, PA	York, PA	Cumberland, NJ	96
York, PA	York, PA	Cumberland, PA	32
York, PA	York, PA	Dauphin, PA	29
York, PA	York, PA	Delaware, PA	72
York, PA	York, PA	District of Columbia, DC	75
York, PA	York, PA	Fairfax (City), VA	83
York, PA	York, PA	Fairfax, VA	85
York, PA	York, PA	Fauquier, VA	104
York, PA	York, PA	Franklin, PA	51
York, PA	York, PA	Frederick, MD	48
York, PA	York, PA	Frederick, VA	94
York, PA	York, PA	Fulton, PA	72
York, PA	York, PA	Garrett, MD	140
York, PA	York, PA	Gloucester, NJ	87
York, PA	York, PA	Hampshire, WV	110
York, PA	York, PA	Harford, MD	41
York, PA	York, PA	Howard, MD	52
York, PA	York, PA	Hunterdon, NJ	103
York, PA	York, PA	Huntingdon, PA	75
York, PA	York, PA	Jefferson, WV	75
York, PA	York, PA	Juniata, PA	53
York, PA	York, PA	Kent, DE	87
York, PA	York, PA	Kent, MD	62
York, PA	York, PA	King George, VA	120
York, PA	York, PA	Lackawanna, PA	114
York, PA	York, PA	Lancaster, PA	27
York, PA	York, PA	Lebanon, PA	32
York, PA	York, PA	Lehigh, PA	75
York, PA	York, PA	Loudoun, VA	79
York, PA	York, PA	Luzerne, PA	92
York, PA	York, PA	Lycoming, PA	95
York, PA	York, PA	McKean, PA	159
York, PA	York, PA	Mercer, NJ	111
York, PA	York, PA	Mifflin, PA	65
York, PA	York, PA	Mineral, WV	123
York, PA	York, PA	Monroe, PA	106
York, PA	York, PA	Montgomery, MD	63

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
York, PA	York, PA	Montgomery, PA	75
York, PA	York, PA	Montour, PA	73
York, PA	York, PA	Morgan, WV	88
York, PA	York, PA	New Castle, DE	63
York, PA	York, PA	Northampton, PA	89
York, PA	York, PA	Northumberland, PA	63
York, PA	York, PA	Perry, PA	41
York, PA	York, PA	Philadelphia, PA	85
York, PA	York, PA	Pike, PA	130
York, PA	York, PA	Potter, PA	136
York, PA	York, PA	Prince George's, MD	79
York, PA	York, PA	Prince William, VA	96
York, PA	York, PA	Queen Anne's, MD	75
York, PA	York, PA	Rappahannock, VA	116
York, PA	York, PA	Salem, NJ	81
York, PA	York, PA	Schuylkill, PA	60
York, PA	York, PA	Snyder, PA	58
York, PA	York, PA	Somerset, PA	122
York, PA	York, PA	St. Mary's, MD	118
York, PA	York, PA	Stafford, VA	115
York, PA	York, PA	Steuben, NY	164
York, PA	York, PA	Sullivan, PA	102
York, PA	York, PA	Susquehanna, PA	137
York, PA	York, PA	Sussex, DE	114
York, PA	York, PA	Sussex, NJ	134
York, PA	York, PA	Talbot, MD	91
York, PA	York, PA	Tioga, NY	156
York, PA	York, PA	Tioga, PA	127
York, PA	York, PA	Union, PA	71
York, PA	York, PA	Warren, NJ	112
York, PA	York, PA	Warren, VA	108
York, PA	York, PA	Washington, MD	61
York, PA	York, PA	Wayne, PA	138
York, PA	York, PA	Wyoming, PA	113
York, PA	York, PA	York, PA	17
Youngstown, OH	Mahoning, OH	Allegany, NY	166
Youngstown, OH	Mahoning, OH	Allegheny, PA	56
Youngstown, OH	Mahoning, OH	Armstrong, PA	69
Youngstown, OH	Mahoning, OH	Ashland, OH	80
Youngstown, OH	Mahoning, OH	Ashtabula, OH	50
Youngstown, OH	Mahoning, OH	Beaver, PA	33
Youngstown, OH	Mahoning, OH	Belmont, OH	71
Youngstown, OH	Mahoning, OH	Brooke, WV	52
Youngstown, OH	Mahoning, OH	Butler, PA	45
Youngstown, OH	Mahoning, OH	Cambria, PA	112
Youngstown, OH	Mahoning, OH	Cameron, PA	136
Youngstown, OH	Mahoning, OH	Carroll, OH	35
Youngstown, OH	Mahoning, OH	Cattaraugus, NY	138
Youngstown, OH	Mahoning, OH	Chautauqua, NY	113

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Youngstown, OH	Mahoning, OH	Clarion, PA	70
Youngstown, OH	Mahoning, OH	Clearfield, PA	121
Youngstown, OH	Mahoning, OH	Columbiana, OH	18
Youngstown, OH	Mahoning, OH	Coshocton, OH	78
Youngstown, OH	Mahoning, OH	Crawford, OH	113
Youngstown, OH	Mahoning, OH	Crawford, PA	58
Youngstown, OH	Mahoning, OH	Cuyahoga, OH	57
Youngstown, OH	Mahoning, OH	Delaware, OH	128
Youngstown, OH	Mahoning, OH	Elk, PA	108
Youngstown, OH	Mahoning, OH	Erie, NY	162
Youngstown, OH	Mahoning, OH	Erie, OH	111
Youngstown, OH	Mahoning, OH	Erie, PA	82
Youngstown, OH	Mahoning, OH	Fairfield, OH	131
Youngstown, OH	Mahoning, OH	Fayette, PA	95
Youngstown, OH	Mahoning, OH	Forest, PA	85
Youngstown, OH	Mahoning, OH	Franklin, OH	139
Youngstown, OH	Mahoning, OH	Garrett, MD	133
Youngstown, OH	Mahoning, OH	Geauga, OH	42
Youngstown, OH	Mahoning, OH	Greene, PA	84
Youngstown, OH	Mahoning, OH	Guernsey, OH	78
Youngstown, OH	Mahoning, OH	Hancock, WV	36
Youngstown, OH	Mahoning, OH	Harrison, OH	53
Youngstown, OH	Mahoning, OH	Holmes, OH	69
Youngstown, OH	Mahoning, OH	Huron, OH	96
Youngstown, OH	Mahoning, OH	Indiana, PA	91
Youngstown, OH	Mahoning, OH	Jefferson, OH	44
Youngstown, OH	Mahoning, OH	Jefferson, PA	92
Youngstown, OH	Mahoning, OH	Knox, OH	96
Youngstown, OH	Mahoning, OH	Lake, OH	54
Youngstown, OH	Mahoning, OH	Lawrence, PA	23
Youngstown, OH	Mahoning, OH	Licking, OH	110
Youngstown, OH	Mahoning, OH	Lorain, OH	73
Youngstown, OH	Mahoning, OH	Mahoning, OH	11
Youngstown, OH	Mahoning, OH	Marion, OH	131
Youngstown, OH	Mahoning, OH	Marshall, WV	79
Youngstown, OH	Mahoning, OH	McKean, PA	126
Youngstown, OH	Mahoning, OH	Medina, OH	61
Youngstown, OH	Mahoning, OH	Mercer, PA	32
Youngstown, OH	Mahoning, OH	Monongalia, WV	108
Youngstown, OH	Mahoning, OH	Monroe, OH	92
Youngstown, OH	Mahoning, OH	Morgan, OH	112
Youngstown, OH	Mahoning, OH	Morrow, OH	112
Youngstown, OH	Mahoning, OH	Muskingum, OH	97
Youngstown, OH	Mahoning, OH	Noble, OH	95
Youngstown, OH	Mahoning, OH	Ohio, WV	64
Youngstown, OH	Mahoning, OH	Perry, OH	117
Youngstown, OH	Mahoning, OH	Portage, OH	25
Youngstown, OH	Mahoning, OH	Potter, PA	156
Youngstown, OH	Mahoning, OH	Preston, WV	122

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Youngstown, OH	Mahoning, OH	Richland, OH	95
Youngstown, OH	Mahoning, OH	Sandusky, OH	126
Youngstown, OH	Mahoning, OH	Seneca, OH	124
Youngstown, OH	Mahoning, OH	Somerset, PA	114
Youngstown, OH	Mahoning, OH	Stark, OH	35
Youngstown, OH	Mahoning, OH	Summit, OH	41
Youngstown, OH	Mahoning, OH	Trumbull, OH	21
Youngstown, OH	Mahoning, OH	Tuscarawas, OH	55
Youngstown, OH	Mahoning, OH	Tyler, WV	108
Youngstown, OH	Mahoning, OH	Union, OH	147
Youngstown, OH	Mahoning, OH	Venango, PA	59
Youngstown, OH	Mahoning, OH	Warren, PA	94
Youngstown, OH	Mahoning, OH	Washington, OH	117
Youngstown, OH	Mahoning, OH	Washington, PA	62
Youngstown, OH	Mahoning, OH	Wayne, OH	60
Youngstown, OH	Mahoning, OH	Westmoreland, PA	85
Youngstown, OH	Mahoning, OH	Wetzel, WV	100
Youngstown, OH	Mahoning, OH	Wyoming, NY	175
Youngstown, OH	Trumbull, OH	Allegany, NY	156
Youngstown, OH	Trumbull, OH	Allegheny, PA	73
Youngstown, OH	Trumbull, OH	Armstrong, PA	76
Youngstown, OH	Trumbull, OH	Ashland, OH	86
Youngstown, OH	Trumbull, OH	Ashtabula, OH	29
Youngstown, OH	Trumbull, OH	Beaver, PA	50
Youngstown, OH	Trumbull, OH	Belmont, OH	91
Youngstown, OH	Trumbull, OH	Brooke, WV	72
Youngstown, OH	Trumbull, OH	Butler, PA	52
Youngstown, OH	Trumbull, OH	Cambria, PA	121
Youngstown, OH	Trumbull, OH	Cameron, PA	133
Youngstown, OH	Trumbull, OH	Carroll, OH	54
Youngstown, OH	Trumbull, OH	Cattaraugus, NY	126
Youngstown, OH	Trumbull, OH	Chautauqua, NY	97
Youngstown, OH	Trumbull, OH	Clarion, PA	69
Youngstown, OH	Trumbull, OH	Clearfield, PA	123
Youngstown, OH	Trumbull, OH	Columbiana, OH	39
Youngstown, OH	Trumbull, OH	Coshocton, OH	92
Youngstown, OH	Trumbull, OH	Crawford, OH	117
Youngstown, OH	Trumbull, OH	Crawford, PA	44
Youngstown, OH	Trumbull, OH	Cuyahoga, OH	49
Youngstown, OH	Trumbull, OH	Delaware, OH	137
Youngstown, OH	Trumbull, OH	Elk, PA	104
Youngstown, OH	Trumbull, OH	Erie, NY	147
Youngstown, OH	Trumbull, OH	Erie, OH	107
Youngstown, OH	Trumbull, OH	Erie, PA	64
Youngstown, OH	Trumbull, OH	Fairfield, OH	146
Youngstown, OH	Trumbull, OH	Fayette, PA	112
Youngstown, OH	Trumbull, OH	Forest, PA	80
Youngstown, OH	Trumbull, OH	Franklin, OH	150
Youngstown, OH	Trumbull, OH	Garrett, MD	150

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Youngstown, OH	Trumbull, OH	Geauga, OH	27
Youngstown, OH	Trumbull, OH	Greene, PA	104
Youngstown, OH	Trumbull, OH	Guernsey, OH	97
Youngstown, OH	Trumbull, OH	Hancock, WV	56
Youngstown, OH	Trumbull, OH	Harrison, OH	73
Youngstown, OH	Trumbull, OH	Holmes, OH	80
Youngstown, OH	Trumbull, OH	Huron, OH	96
Youngstown, OH	Trumbull, OH	Indiana, PA	99
Youngstown, OH	Trumbull, OH	Jefferson, OH	65
Youngstown, OH	Trumbull, OH	Jefferson, PA	92
Youngstown, OH	Trumbull, OH	Knox, OH	107
Youngstown, OH	Trumbull, OH	Lake, OH	37
Youngstown, OH	Trumbull, OH	Lawrence, PA	32
Youngstown, OH	Trumbull, OH	Licking, OH	123
Youngstown, OH	Trumbull, OH	Lorain, OH	70
Youngstown, OH	Trumbull, OH	Mahoning, OH	21
Youngstown, OH	Trumbull, OH	Marion, OH	137
Youngstown, OH	Trumbull, OH	Marshall, WV	100
Youngstown, OH	Trumbull, OH	McKean, PA	118
Youngstown, OH	Trumbull, OH	Medina, OH	62
Youngstown, OH	Trumbull, OH	Mercer, PA	26
Youngstown, OH	Trumbull, OH	Monongalia, WV	127
Youngstown, OH	Trumbull, OH	Monroe, OH	113
Youngstown, OH	Trumbull, OH	Morgan, OH	130
Youngstown, OH	Trumbull, OH	Morrow, OH	120
Youngstown, OH	Trumbull, OH	Muskingum, OH	113
Youngstown, OH	Trumbull, OH	Noble, OH	114
Youngstown, OH	Trumbull, OH	Ohio, WV	84
Youngstown, OH	Trumbull, OH	Perry, OH	133
Youngstown, OH	Trumbull, OH	Portage, OH	25
Youngstown, OH	Trumbull, OH	Potter, PA	151
Youngstown, OH	Trumbull, OH	Preston, WV	140
Youngstown, OH	Trumbull, OH	Richland, OH	101
Youngstown, OH	Trumbull, OH	Sandusky, OH	123
Youngstown, OH	Trumbull, OH	Seneca, OH	124
Youngstown, OH	Trumbull, OH	Somerset, PA	128
Youngstown, OH	Trumbull, OH	Stark, OH	47
Youngstown, OH	Trumbull, OH	Summit, OH	43
Youngstown, OH	Trumbull, OH	Trumbull, OH	14
Youngstown, OH	Trumbull, OH	Tuscarawas, OH	72
Youngstown, OH	Trumbull, OH	Tyler, WV	129
Youngstown, OH	Trumbull, OH	Union, OH	155
Youngstown, OH	Trumbull, OH	Venango, PA	53
Youngstown, OH	Trumbull, OH	Warren, PA	84
Youngstown, OH	Trumbull, OH	Washington, OH	136
Youngstown, OH	Trumbull, OH	Washington, PA	81
Youngstown, OH	Trumbull, OH	Wayne, OH	68
Youngstown, OH	Trumbull, OH	Westmoreland, PA	98
Youngstown, OH	Trumbull, OH	Wetzel, WV	121

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Youngstown, OH	Trumbull, OH	Wyoming, NY	162
Yuba City, CA	Sutter, CA	Ada, ID	419
Yuba City, CA	Sutter, CA	Alameda, CA	93
Yuba City, CA	Sutter, CA	Alpine, CA	104
Yuba City, CA	Sutter, CA	Amador, CA	65
Yuba City, CA	Sutter, CA	Baker, OR	439
Yuba City, CA	Sutter, CA	Box Elder, UT	463
Yuba City, CA	Sutter, CA	Butte, CA	49
Yuba City, CA	Sutter, CA	Calaveras, CA	82
Yuba City, CA	Sutter, CA	Canyon, ID	411
Yuba City, CA	Sutter, CA	Carson, NV	107
Yuba City, CA	Sutter, CA	Cassia, ID	481
Yuba City, CA	Sutter, CA	Churchill, NV	185
Yuba City, CA	Sutter, CA	Clark, NV	414
Yuba City, CA	Sutter, CA	Colusa, CA	29
Yuba City, CA	Sutter, CA	Contra Costa, CA	78
Yuba City, CA	Sutter, CA	Crook, OR	361
Yuba City, CA	Sutter, CA	Del Norte, CA	218
Yuba City, CA	Sutter, CA	Deschutes, OR	345
Yuba City, CA	Sutter, CA	Douglas, NV	115
Yuba City, CA	Sutter, CA	Douglas, OR	304
Yuba City, CA	Sutter, CA	El Dorado, CA	66
Yuba City, CA	Sutter, CA	Elko, NV	356
Yuba City, CA	Sutter, CA	Elmore, ID	443
Yuba City, CA	Sutter, CA	Esmeralda, NV	236
Yuba City, CA	Sutter, CA	Eureka, NV	302
Yuba City, CA	Sutter, CA	Fresno, CA	193
Yuba City, CA	Sutter, CA	Glenn, CA	56
Yuba City, CA	Sutter, CA	Grant, OR	402
Yuba City, CA	Sutter, CA	Harney, OR	309
Yuba City, CA	Sutter, CA	Humboldt, CA	166
Yuba City, CA	Sutter, CA	Humboldt, NV	244
Yuba City, CA	Sutter, CA	Inyo, CA	283
Yuba City, CA	Sutter, CA	Jackson, OR	247
Yuba City, CA	Sutter, CA	Jefferson, OR	388
Yuba City, CA	Sutter, CA	Josephine, OR	254
Yuba City, CA	Sutter, CA	Kern, CA	305
Yuba City, CA	Sutter, CA	Kings, CA	226
Yuba City, CA	Sutter, CA	Klamath, OR	262
Yuba City, CA	Sutter, CA	Lake, CA	59
Yuba City, CA	Sutter, CA	Lake, OR	268
Yuba City, CA	Sutter, CA	Lander, NV	258
Yuba City, CA	Sutter, CA	Lane, OR	339
Yuba City, CA	Sutter, CA	Lassen, CA	113
Yuba City, CA	Sutter, CA	Lincoln, NV	375
Yuba City, CA	Sutter, CA	Linn, OR	381
Yuba City, CA	Sutter, CA	Lyon, NV	139
Yuba City, CA	Sutter, CA	Madera, CA	165
Yuba City, CA	Sutter, CA	Malheur, OR	360

Table A-8: Summary of the Distances from the Centroid of the Violating County to the Centroids of Nearby Counties

Area Name	Violating County	Nearby County	Distance from Violating County to Nearby County (miles)
Yuba City, CA	Sutter, CA	Marin, CA	86
Yuba City, CA	Sutter, CA	Mariposa, CA	140
Yuba City, CA	Sutter, CA	Mendocino, CA	96
Yuba City, CA	Sutter, CA	Merced, CA	140
Yuba City, CA	Sutter, CA	Mineral, NV	187
Yuba City, CA	Sutter, CA	Modoc, CA	185
Yuba City, CA	Sutter, CA	Mono, CA	158
Yuba City, CA	Sutter, CA	Monterey, CA	185
Yuba City, CA	Sutter, CA	Morrow, OR	459
Yuba City, CA	Sutter, CA	Napa, CA	48
Yuba City, CA	Sutter, CA	Nevada, CA	41
Yuba City, CA	Sutter, CA	Nye, NV	298
Yuba City, CA	Sutter, CA	Owyhee, ID	389
Yuba City, CA	Sutter, CA	Payette, ID	425
Yuba City, CA	Sutter, CA	Pershing, NV	206
Yuba City, CA	Sutter, CA	Placer, CA	52
Yuba City, CA	Sutter, CA	Plumas, CA	84
Yuba City, CA	Sutter, CA	Sacramento, CA	50
Yuba City, CA	Sutter, CA	San Benito, CA	172
Yuba City, CA	Sutter, CA	San Bernardino, CA	424
Yuba City, CA	Sutter, CA	San Francisco, CA	96
Yuba City, CA	Sutter, CA	San Joaquin, CA	82
Yuba City, CA	Sutter, CA	San Mateo, CA	116
Yuba City, CA	Sutter, CA	Santa Clara, CA	127
Yuba City, CA	Sutter, CA	Santa Cruz, CA	136
Yuba City, CA	Sutter, CA	Shasta, CA	120
Yuba City, CA	Sutter, CA	Sierra, CA	75
Yuba City, CA	Sutter, CA	Siskiyou, CA	177
Yuba City, CA	Sutter, CA	Solano, CA	52
Yuba City, CA	Sutter, CA	Sonoma, CA	72
Yuba City, CA	Sutter, CA	Stanislaus, CA	107
Yuba City, CA	Sutter, CA	Storey, NV	119
Yuba City, CA	Sutter, CA	Sutter, CA	12
Yuba City, CA	Sutter, CA	Tehama, CA	81
Yuba City, CA	Sutter, CA	Tooele, UT	467
Yuba City, CA	Sutter, CA	Trinity, CA	137
Yuba City, CA	Sutter, CA	Tulare, CA	247
Yuba City, CA	Sutter, CA	Tuolumne, CA	120
Yuba City, CA	Sutter, CA	Twin Falls, ID	444
Yuba City, CA	Sutter, CA	Umatilla, OR	475
Yuba City, CA	Sutter, CA	Union, OR	480
Yuba City, CA	Sutter, CA	Washington, ID	454
Yuba City, CA	Sutter, CA	Washoe, NV	153
Yuba City, CA	Sutter, CA	Wheeler, OR	402
Yuba City, CA	Sutter, CA	White Pine, NV	362
Yuba City, CA	Sutter, CA	Yolo, CA	29
Yuba City, CA	Sutter, CA	Yuba, CA	23

Appendix 2

MEMORANDUM

SUBJECT: Recommendations for Distance-based Screening Techniques

FROM: Roger W. Brode, Physical Scientist
Air Quality Modeling Group (C439-01)

TO: Tyler Fox, Leader
Air Quality Modeling Group (C439-01)

Background

The use of a simple relationship between predicted air concentrations and distance downwind from a source of interest as a screening technique, to determine whether a source's impact exceed some specified threshold, has been around for decades. The issue has been brought up recently in two separate contexts; 1) in relation to the use of distance weighting to determine relative impacts from adjacent counties on PM-2.5 non-attainment designations; and 2) in relation to attributing relative source impacts on monitored lead concentrations as part of the lead NAAQS review. While never formally endorsed by OAQPS, the North Carolina Department of Natural Resources & Community Development proposed the use of threshold based on Q/D < 20 to "screen out" sources from inclusion in modeling analyses to support Prevention of Significant Deterioration (PSD) permit applications, where Q is the source emission rate in tons/year and D is the distance of the source, in kilometers, from either the nearest edge of the impact area for long-term analyses or from the PSD source for short-term analyses. The Q/D screening technique proposed by North Carolina was approved by EPA Region 4 on September 12, 1985, and was later incorporated into the Best Available Retrofit Technology (BART) program to address regional haze issues. The North Carolina proposal based on Q/D was presented as a conservative screening technique, and provided results supporting the technique based on 1-hour average concentrations estimated using the PTMAX program (a predecessor to the SCREEN model) for a 10m effective stack height under neutral meteorological conditions with a 2.5 m/s wind speed and mixing height of 300m.

The purpose of this memorandum is to provide a brief discussion of the key factors contributing to the relationship of predicted concentration vs. downwind distance, and to offer suggestions on how those relationships can best be used to determine an appropriate screening threshold for various applications. Modeled concentrations based on the AERMOD model for a range of

source characteristics and meteorological conditions are presented to substantiate these relationships.

Description of AERMOD vs. ISCST3 Algorithms

While AERMOD and ISCST3 are both steady-state, straight-line plume models, the AERMOD model is based on state-of-the-science algorithms for plume dispersion in the planetary boundary layer (PBL) which differ significantly from ISCST3 algorithms in some respects. A few key differences in the algorithms incorporated into AERMOD compared to ISCST3 that may influence the relationship between concentration and transport distance are summarized below:

1. AERMOD incorporates a non-Gaussian vertical distribution of plume concentrations during daytime convective (unstable) conditions, which account for the skewed structure of turbulence in the convective boundary layer (CBL) driven by series of updrafts and downdrafts associated with large convective cells. In contrast, ISCST3 assumes a Gaussian distribution for vertical and lateral plume spread under all stabilities.

2. AERMOD incorporates an algorithm for partial penetration of buoyant plumes through the top of the mixed layer during convective conditions, and tracks the "penetrated" plume portion separately as a stable plume that may be re-entrained into the convective boundary layer further downwind.

3. Vertical dispersion coefficients in AERMOD vary with height above ground for all meteorological conditions, including both an elevated and near-surface component; ISCST3 assumes that vertical dispersion is constant with height.

4. AERMOD incorporates an algorithm to account for enhanced lateral plume spread due to horizontal plume meander, while ISCST3 assumes a Gaussian lateral plume spread under all meteorological conditions.

5. AERMOD utilizes an effective wind speed averaged across the plume in calculating plume dilution and effective dispersion coefficients, which may vary somewhat with distance.

A number of other factors may significantly influence the relationship of plume concentration with downwind distance in ways that could limit the applicability of any simple screening technique, including release height and plume buoyancy, the influence of elevated or complex terrain, and significant land surface/land cover inhomogeneities within the modeling domain, such as coastal and urban areas.

Distance Dependencies in AERMOD

With these caveats and limitations in mind, there are some basic relationships that can be expected under idealized situations based on the AERMOD dispersion formulations. The AERMOD model formulation document (MFD) provides a comprehensive technical description of the AERMOD model algorithms (Cimorelli, *et al.*, 2004). The basic relationship between

concentration and distance can be summarized in the following simplified equation for the ground-level concentration, χ, along the plume centerline:

$$\chi \propto \frac{Q\,V}{U\sigma_y\sigma_z} \tag{1}$$

where

Q = pollutant emission rate (g/s)
V = vertical term accounting for effective plume height and limited mixing (dimensionless)
U = effective wind speed (m/s)
σ_y = lateral plume dispersion coefficient (m)
σ_z = vertical plume dispersion coefficient (m)

The primary dependence of plume concentration on distance is embodied in the lateral and vertical plume dispersion coefficients, although other factors, such as the use of an effective wind speed mentioned above, may have minor influences. Based on the distance-dependencies for σ_y and σ_z documented in Section 5.5 of the MFD, the following basic relationships can be expected under idealized conditions:

<u>Elevated sources:</u>

Stable conditions:	$\chi \propto$	$1/D^2$	for small distances
		$1/D^{\sim 1.5}$	for large distances
Convective conditions:	$\chi \propto$	$1/D^2$	for small distances
		$1/D^{\sim 1.7}$	for large distances
		$1/D$	for larger distances (uniform vertical mixing)

<u>Low-level sources:</u>

Stable conditions:	$\chi \propto$	$1/D^2$	for small distances
		$1/D^{1.5}$	for large distances
Convective conditions:	$\chi \propto$	$1/D^3$	for small distances
		$1/D^{\sim 2}$	for large distances
		$1/D$	for larger distances (uniform vertical mixing)

The definitions of the terms “elevated” and “low-level” in relation to source heights are not precise since these may vary depending upon meteorological conditions to some degree and since the transition from low-level to elevated dispersion is a continuum in AERMOD. The definitions of the terms “small” and “large” in relation to downwind distances are likewise not precise, since they will also vary depending upon meteorological conditions and source parameters. Given that the distance dependence varies with downwind distance, as well as source characteristics and meteorological conditions, a precise relationship between

concentration and distance cannot be defined that will apply equally well in all situations. However, in general the concentration is expected to decrease with distance to about the 1.5 power, except for relatively short transport distances and for long transport distances when uniform vertical mixing is achieved under convective conditions.

Due to the complex nature of plume rise and the steep gradients that can occur around the peak ground-level concentration for elevated plumes, these emission/distance relationships will only apply for distances beyond the peak ground-level concentration for elevated sources, and will generally be more applicable to low-level releases (below about 10-20m). Other factors that will affect the emission/distance relationship in the near field include initial plume spread associated with some volume and area source releases, and enhanced dispersion associated with building downwash influences for some point source releases.

AERMOD Model Tests

A number of tests were performed to examine the net dependence of concentration vs. downwind distance across a range of source types and meteorology. Figures 1 to 3 show concentrations vs. downwind distance for a 1m volume source, 10m point source, 35m point source, and near ground-level 50m-by-50m area source for 1-hour averages based on a single hour of meteorological data for stable, convective, and neutral/high wind conditions, respectively. Table 1 provides the source parameters used in this analysis, and Table 2 shows the key meteorological parameters for each case. The concentrations for each source are normalized based on the maximum ground-level concentration for that source. The results for the low-level volume and area source releases under stable conditions in Figure 1 show generally good agreement with the anticipated $1/D^{1.5}$ relationship for distances beyond the range of near-source influences. Results for the 10m point source also show a transition to a $1/D^{1.5}$ relationship for distances beyond the maximum ground-level impact. Results for the 35m point source show that the maximum ground-level concentration was not reached at the maximum distance of 100km under this light wind stable case. The volume source shows that concentrations begin to drop off more quickly with distance beyond about 30km, associated with the increased effective lateral dispersion due to the horizontal meander algorithm in AERMOD.

Table 1. Source Parameters

Source ID	***Release Height (m)***	***Initial Lateral Dispersion (m)***	***Initial Vertical Dispersion (m))***		
Vol	0	0.0	0.0		
Source ID	***Release Height (m)***	***Lateral Dimension (m)***	***Initial Vertical Dispersion (m)***		
Area	5	50.0	0.0		
Source ID	***Release Height (m)***	***Stack Exit Velocity (m/s)***	***Stack Diameter (m)***	***Stack Temperature (K)***	***Buoyancy Flux (m^4/s^3)***
Pt10	10	10.0	1.0	300.0	1.4
Pt35	35	11.7	2.4	432	57

Table 2. Simple Meteorological Conditions for Figures 1 to 3

Meteorological Condition	*10m Wind Speed (m/s)*	*Friction Velocity, u_* (m/s)*	*Monin-Obukhov Length (m)*	*Mechanical Mixing Height (m)*	*Convective Velocity, w_* (m/s)*	*Convective Mixing Height (m)*
Stable	1.0	0.057	21.1	31.0	NA	NA
Convective	1.0	0.177	-10.1	171.0	1.60	3000.
Neutral	5.5	0.570	9000.0	991.0	NA	NA

The test results for convective conditions in Figure 2 show a dependence on distance of about $1/D^2$ for the low-level sources and slightly less for elevated sources. These patterns are also in generally good agreement with expectations. However, beyond about 5km all sources exhibit a trend toward a 1/D relationship for this case, which reflects the influence of limited mixing and the resulting uniform vertical mixing, effectively eliminating any dependence on σ_z. As might be expected, the results for the neutral case shown in Figure 3 tend to fall somewhere between the results for stable and convective conditions, with approximately a $1/D^{1.7}$ relationship.

To examine how well these concentration vs. distance relationships are reflected in more real world applications, additional tests were performed using one year of meteorological data from Fort Wayne, Indiana. Figures 4 to 6 show concentrations vs. downwind distance for 1-hour, 24-hour and annual averages for the same sources used in the previous tests. These plots show fairly good agreement between modeled concentrations and the $1/D^{1.5}$ curve across much of the distance range, especially for the low-level sources and for longer averaging periods. The relationship for elevated sources tends toward a 1/D dependency beyond the distance of maximum impact for short-term averages. This may be due to the impact of limited mixing, which is often associated with peak short-term concentrations for elevated sources.

The concentrations shown in Figures 4 to 6 are based on the maximum concentration across 36 direction radials for each downwind distance. To examine the contribution that variable plume trajectories across the data period may have in these plots, Figures 7 to 9 provide plots based on a single downwind radial of receptors for 1-hour, 24-hour and annual averages, respectively. These figures show the same general patterns observed in Figures 4 to 6, suggesting that variable plume trajectories across the data period do not significantly alter the concentration vs. distance relationship.

It is worth noting that the distance relationships shown here for AERMOD exhibit some similarities to the distance relationships in ISCST3, despite the many differences between the models. An example of this is shown in Figure 10 based on a comparison of volume source results from the AERMOD model with results for the same source derived from the SCREEN3 model, which incorporates ISCST3 dispersion algorithms. Both models show approximately a $1/D^{1.5}$ relationship over the majority of the distance range. The discontinuity in the SCREEN3 model curve for distances beyond 50km is due to the assumption of a different minimum wind speed, 2m/s vs. 1m/s, for distances beyond 50km.

Conclusions

A range of tests including both idealized and realistic meteorology supports the use of simple inverse distance relationships for estimating concentrations from a range of sources in flat terrain

settings. The net effect of numerous factors that influence the dependence of concentration on distance shows roughly a $1/D^{1.5}$ relationship for low-level sources and for all source types for long-term averages, and a 1/D relationship as an upper bound for elevated sources for short-term averages. These results appear to support the Q/D screening technique as a conservative approach to screening out sources based on an appropriate threshold. The tests also exhibit the influence of a number of factors that complicate the relationship with distance, including the effects of near-source impacts such as initial mixing, far field effects of limited vertical mixing for elevated sources in convective conditions, and enhanced lateral dispersion due to horizontal meander at longer transport distances in stable conditions. The most appropriate selection for the exponent of D will depend on the specific application.

References

Cimorelli, A. J., S. G. Perry, A. Venkatram, J. C. Weil, R. J. Paine, R. B. Wilson, R. F. Lee, W. D. Peters, R. W. Brode, and J. O. Paumier, 2004. AERMOD: Description of Model Formulation, EPA-454/R-03-004. U.S. Environmental Protection Agency, Research Triangle Park, NC.

cc: Richard Wayland
Phil Lorang
Joe Touma
Neil Frank
John Summerhays
Randall Robinson

Figure 1. Chi vs. Downwind Distance - Stable Conditions

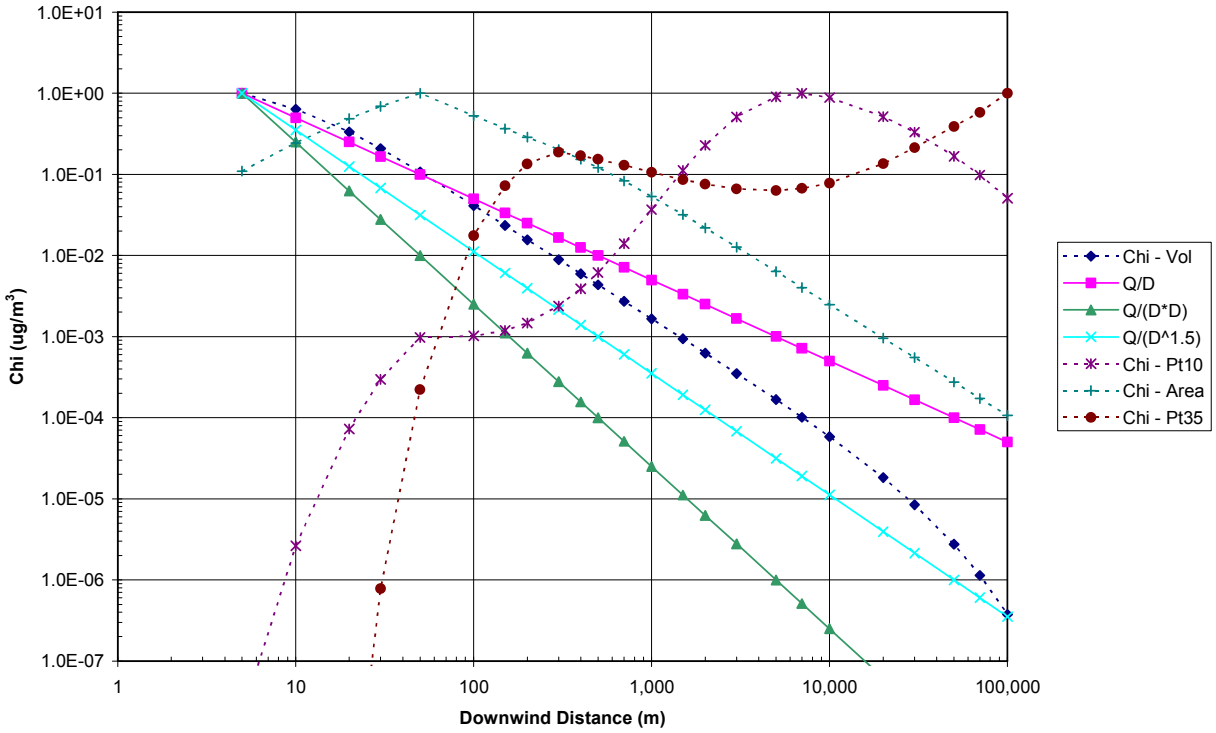


Figure 2. Chi vs. Downwind Distance - Convective Conditions

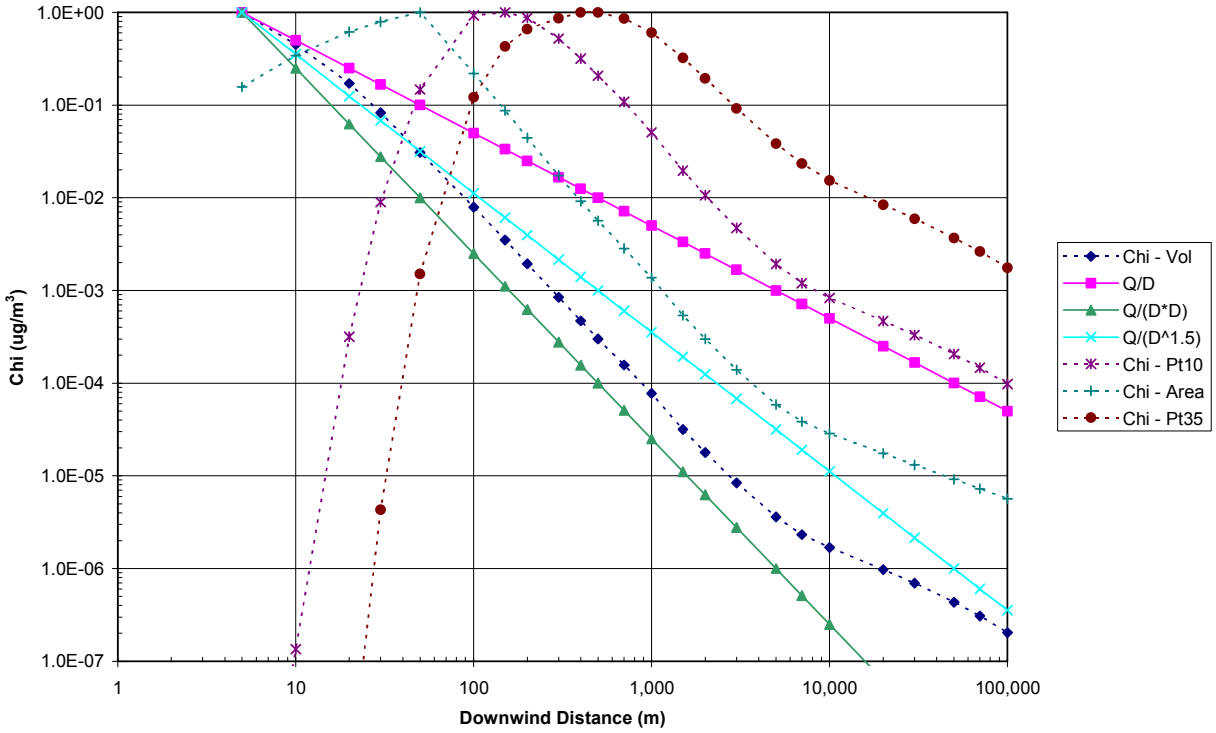


Figure 3. Chi vs. Downwind Distance - Neutral/High Wind Conditions

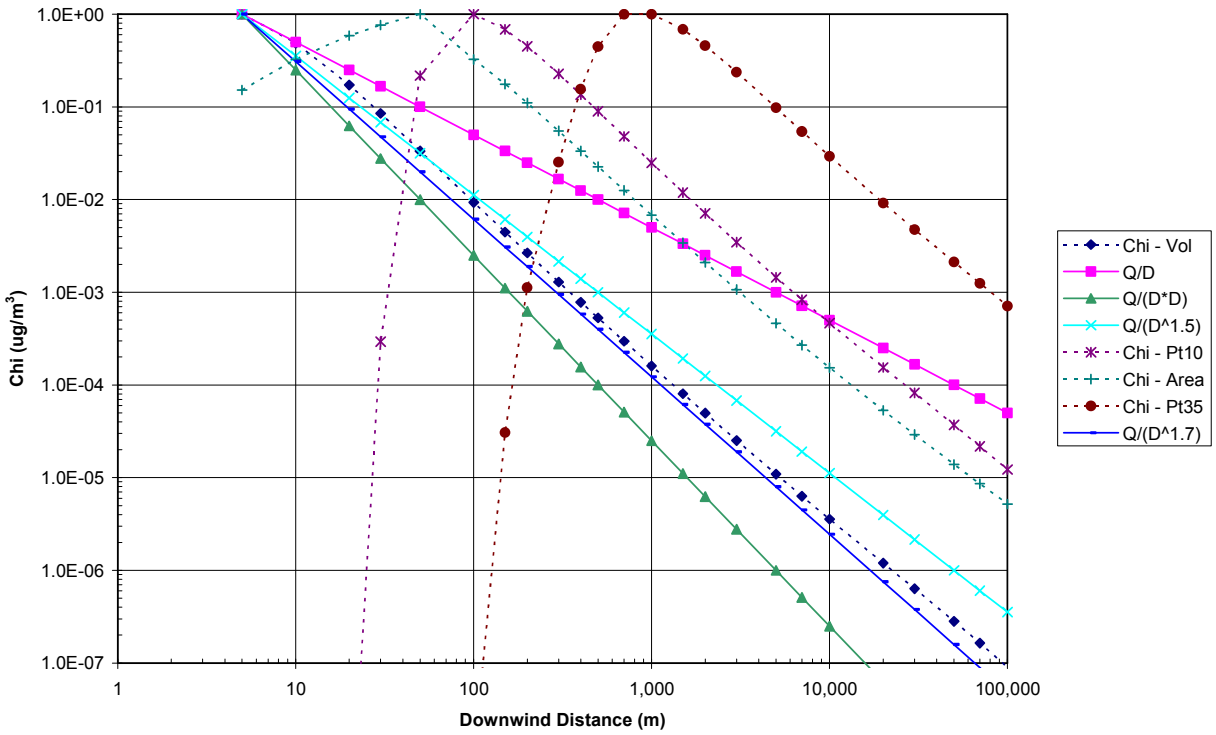


Figure 4. Concentration vs. Downwind Distance for AERMOD 1-hr Averages

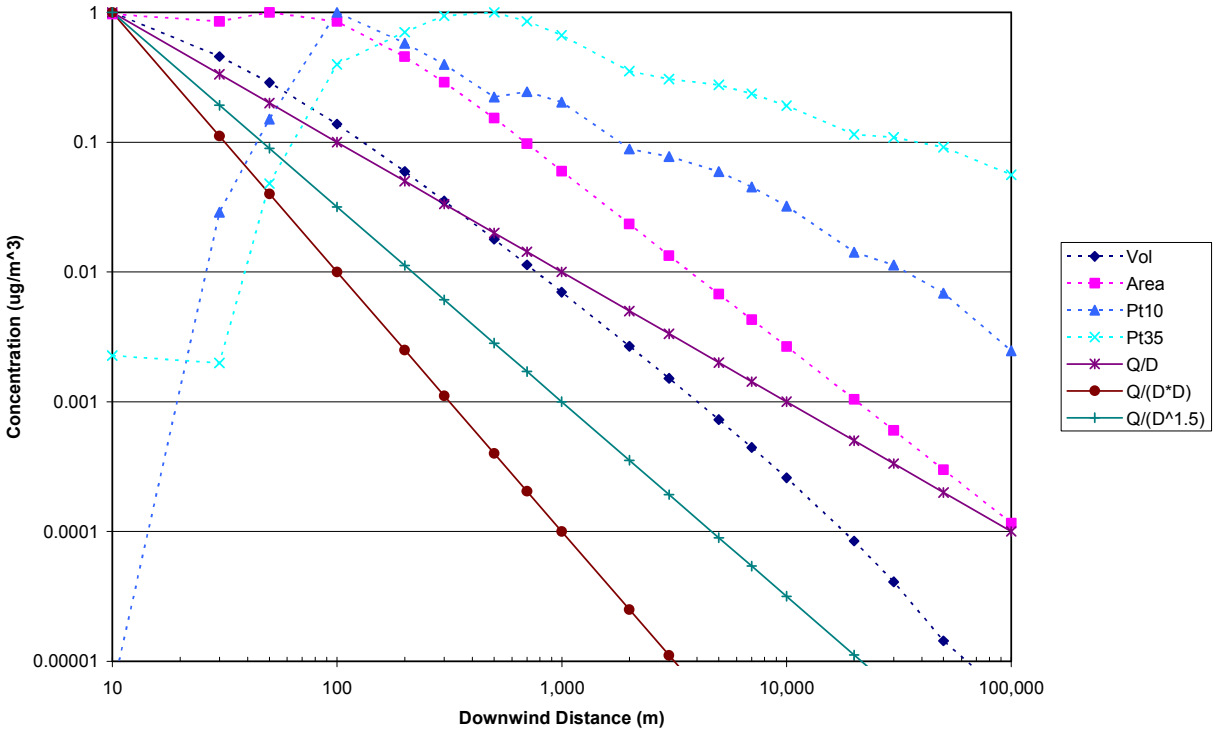


Figure 5. Concentration vs. Downwind Distance for AERMOD 24-hr Averages

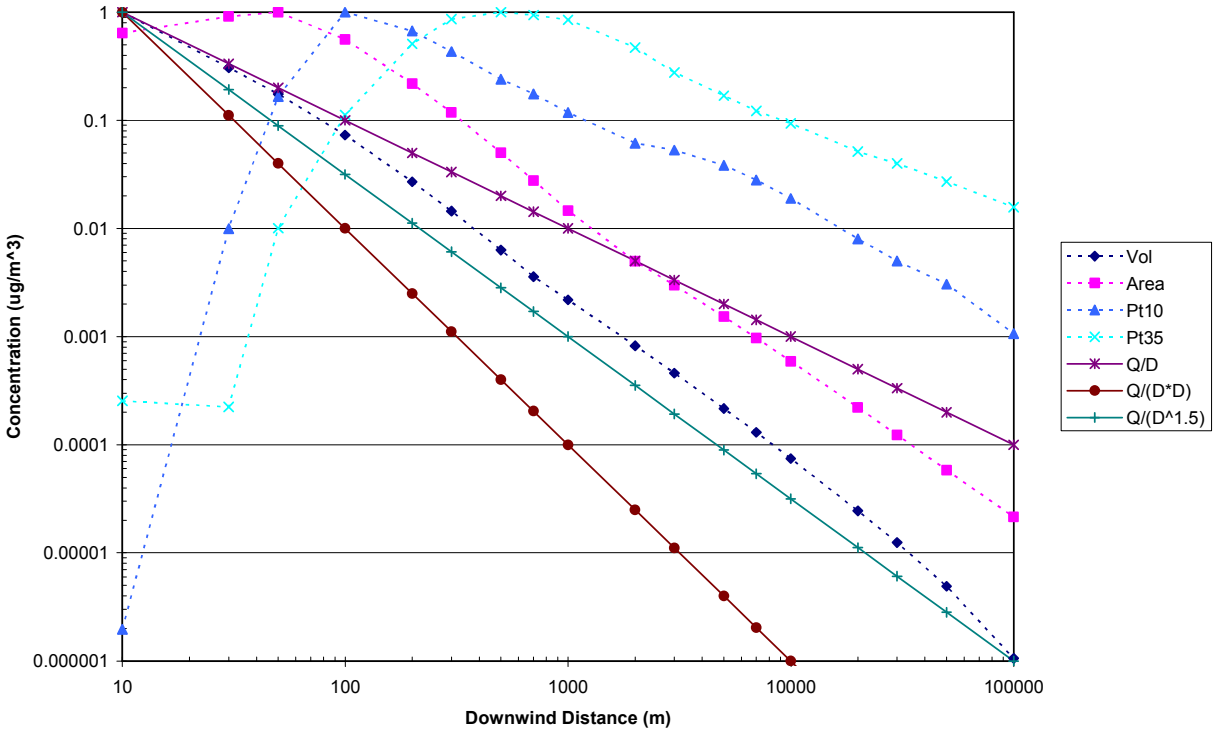


Figure 6. Concentration vs. Downwind Distance for AERMOD Annual Averages

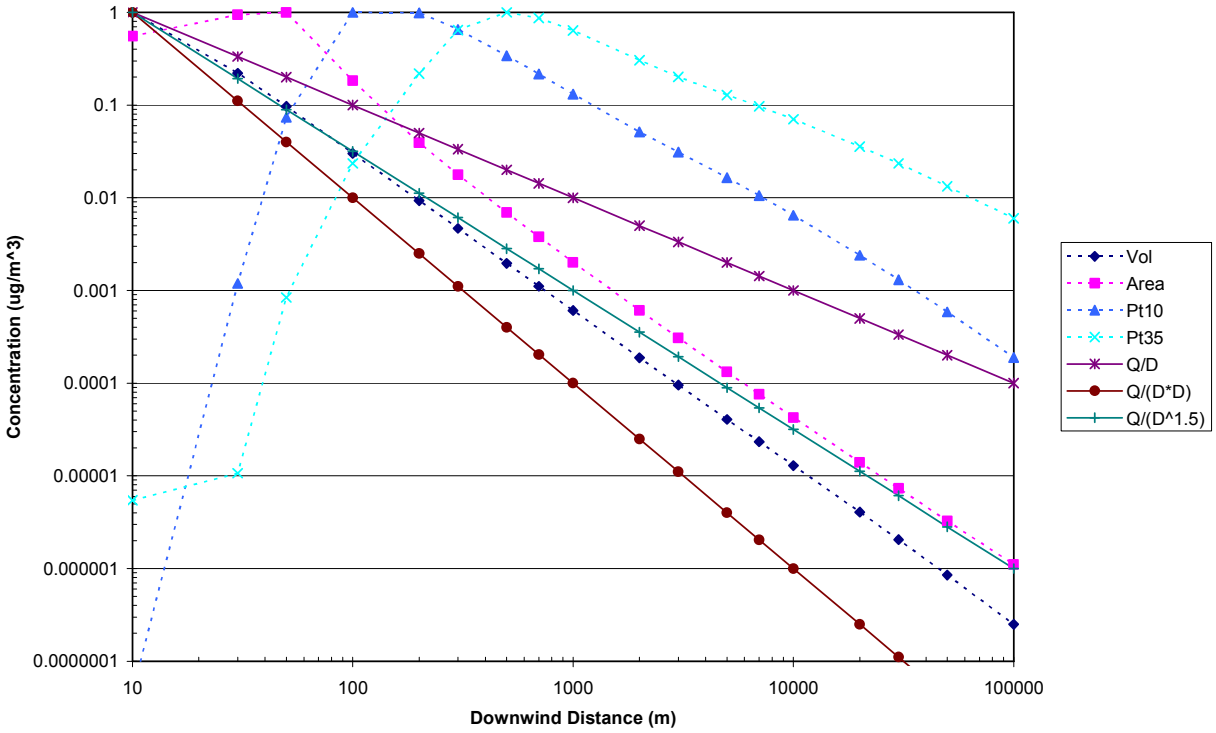


Figure 7. Concentration vs. Downwind Distance for AERMOD 1-hr Averages - Radial 9

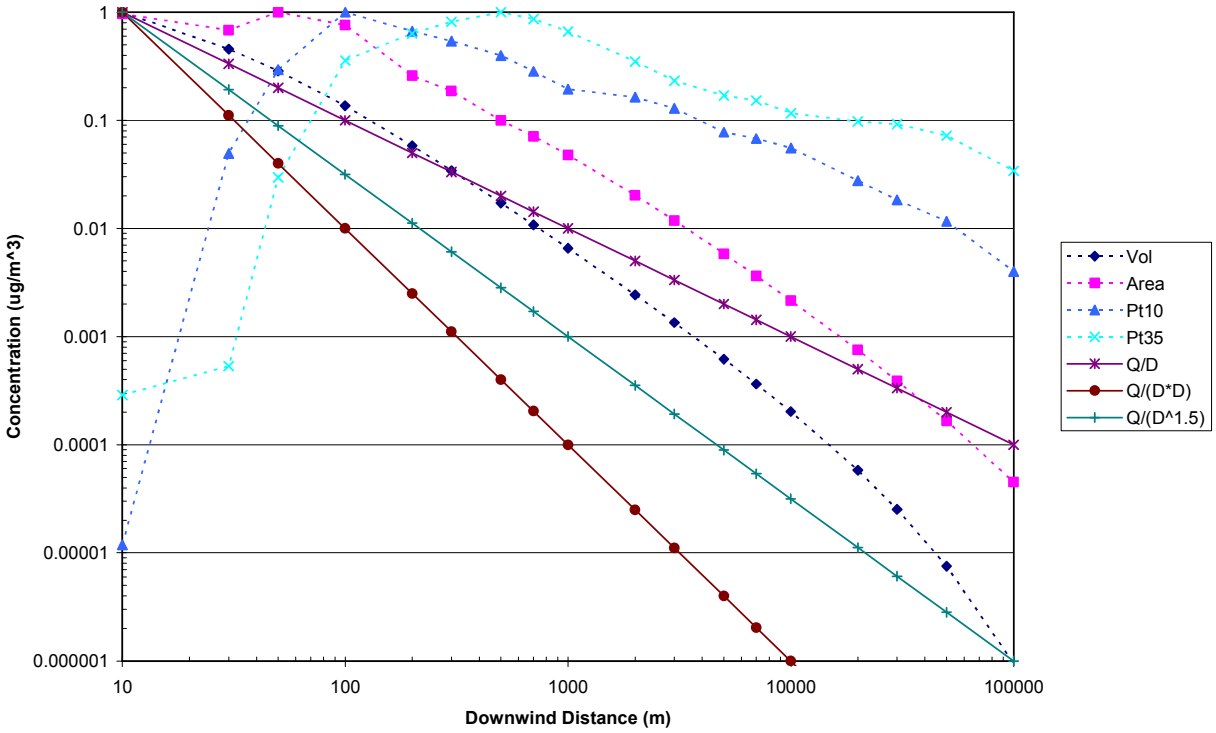


Figure 8. Concentration vs. Downwind Distance for AERMOD 24-hr Averages - Radial 9

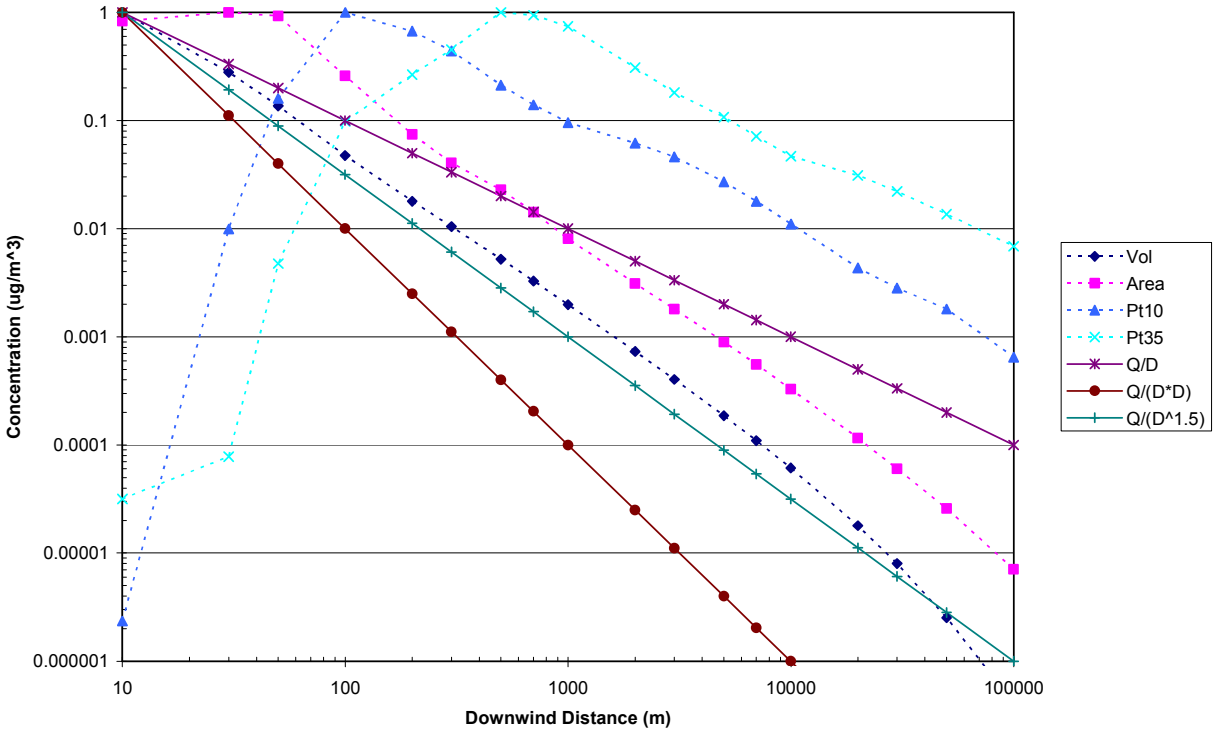


Figure 9. Concentration vs. Downwind Distance for AERMOD Annual Averages - Radial 9

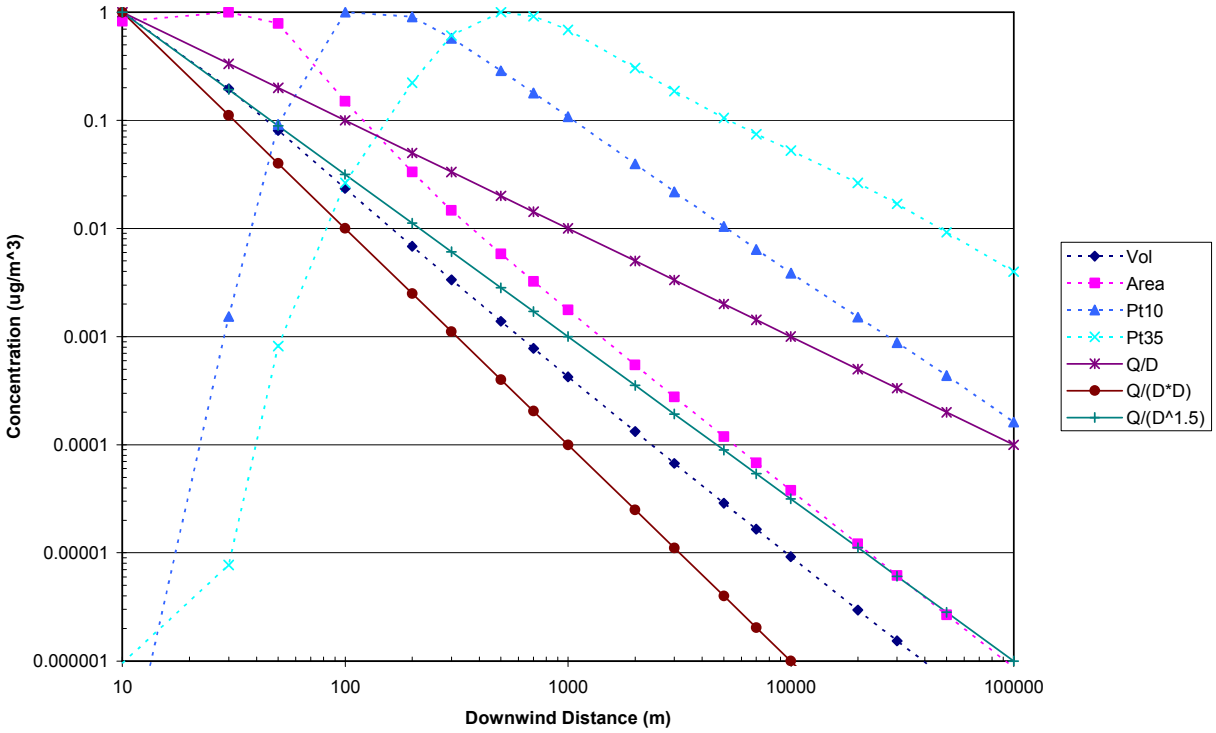
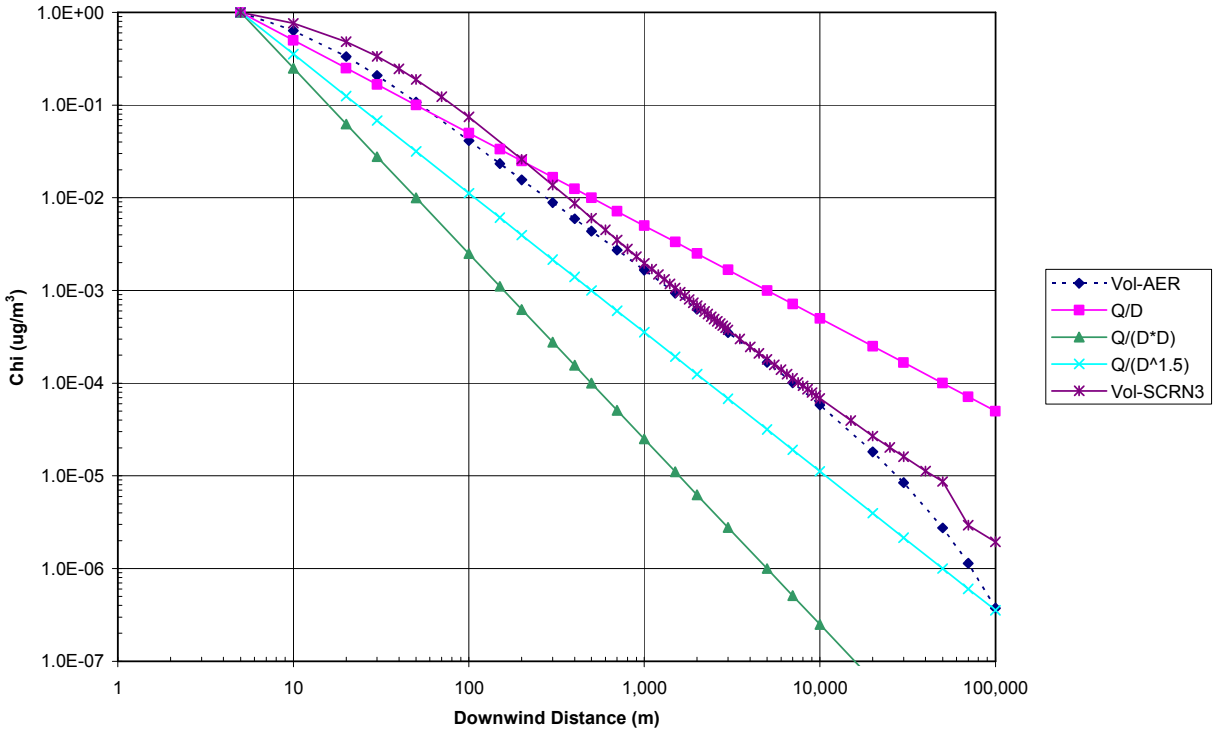


Figure 10. Chi vs. Downwind Distance for Volume Source - Stable Conditions



Appendix 3

PM2.5 Source Apportionment Estimates and Distance

Kirk Baker
U.S. Environmental Protection Agency,
Office of Air Quality and Pollution Standards
Research Triangle Park, NC

August 4, 2008

1. INTRODUCTION

It is useful to understand what types of sources or regions are contributing to chemically speciated PM2.5 estimated by photochemical grid models. Source apportionment is an alternative approach to zero-out modeling and has the advantage of being much more efficient with computational resources. This type of source tracking may also be used to evaluate an area of influence from a particular source group. The area of influence includes distance from the source and how particulate formation changes as distance increases from a source.

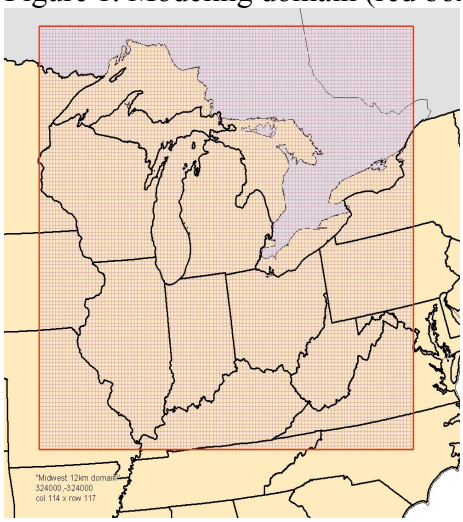
The Particle and Precursor Tagging Methodology (PPTM) estimates contributions from emissions source groups, emissions source regions, initial conditions, and boundary conditions to PM2.5 by adding duplicate model species for each contributing source. These duplicate model species (tags) have the same properties and experience the same atmospheric processes as the bulk chemical species. The tagged species are calculated using the regular model solver for processes like dry deposition and advection as bulk species. Non-linear processes like gas and aqueous phase chemistry are solved for bulk species and then apportioned to the tagged species. PPTM has been implemented in CMAQ v4.6 and tracks contribution to PM sulfate, nitrate, and primarily emitted species (ICF International, 2007a; ICF International, 2007b).

The Milwaukee metropolitan area was chosen for an exercise to examine the contribution of PM2.5 sulfate, nitrate, and primary organic carbon from several counties to receptors increasing in distance from the source area. These source contributions examined by distance from the source are qualitatively compared to peak estimated concentration as a simple function of distance (peak concentration/distance). The results shown are representative of the Milwaukee-Chicago area for 4 months in 2002 and may not always be applicable to other areas and meteorological conditions different than those outside the 4 months evaluated from 2002. The CMAQ modeling is done at a 12 km grid resolution and does not provide information about PM2.5 formation at scales less than 12 km.

2. METHODS

The CMAQ model was applied to a modeling domain (Figure 1) covering the Midwest United States with 12 km sized grid cells over 4 months in 2002: January, April, July, and October.

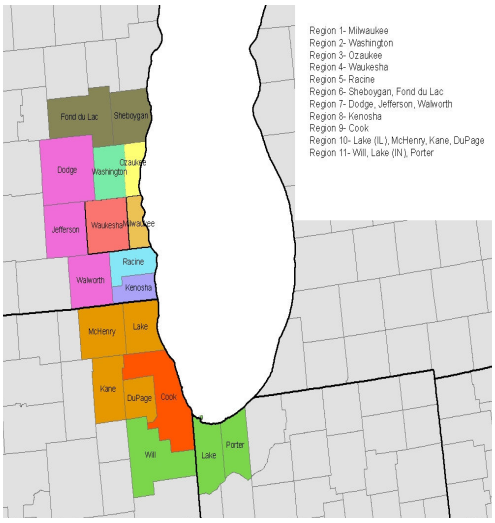
Figure 1. Modeling domain (red box)



The Community Multi-scale Air Quality (CMAQ) model v4.6 is also a state of the science three-dimensional Eularian "one-atmosphere" photochemical transport model (Aiyyer et al, 2007; Byun and Schere, 2006). CMAQ is applied with the AERO4 aerosol module which includes ISORROPIA inorganic chemistry (Nenes et al., 1998). The CMAQ model is applied with RADM aqueous phase chemistry (Chang et al., 1987) and the CB05 gas-phase chemistry module.

Contributions are tracked for 11 county groups in the Milwaukee-Chicago area, initial conditions, boundary conditions, and all other emissions sources in the modeling domain that are not explicitly tracked as part of the 11 county groups (Figure 2). The SMOKE emissions model was run separately for each source region to ensure that each geographic region tracked for source contribution only contains emissions for that specific area. Fire emissions were not tracked as part of any county or county group tag and are included in the all other sources in the modeling domain tag.

Figure 2. Source regions tracked for contribution

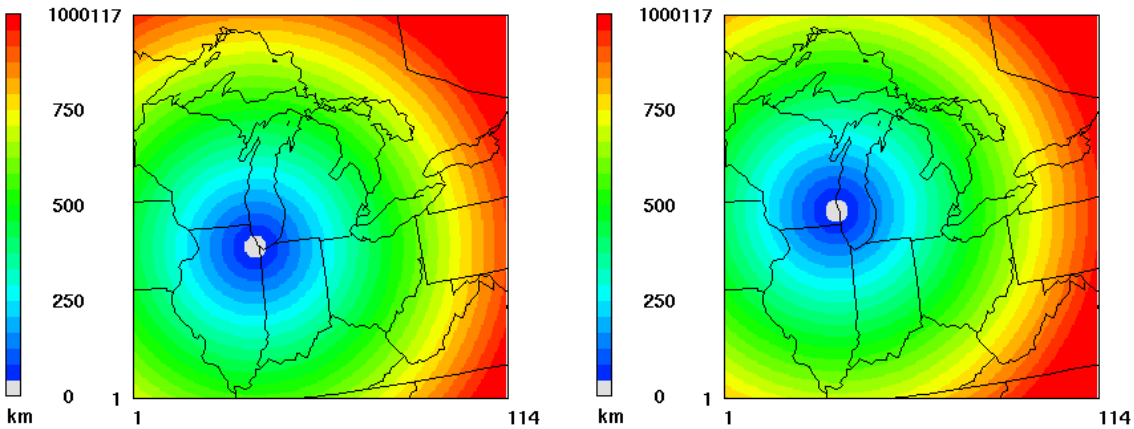


Particulate source apportionment tracks contributions to particulate species from pre-cursor emissions. Emissions of nitrogen oxides are tracked through all intermediate nitrogen species to particulate nitrate ion. (Figure 3). Sulfur dioxide emissions are tracked through intermediate species to particulate sulfate ion.

Figure 3. Emissions Pre-cursor species (left) tracked to PM2.5 species (right)
NOX → NO3
SOX → SO4
POC → POC
PEC → PEC
SOIL → SOIL

Source apportionment results are examined for 6 source regions (counties) included as part of the Milwaukee pilot project: Milwaukee, Ozaukee, Waukesha, Racine, Kenosha, and Cook. These counties were selected to represent a range of emissions and source types: Ozaukee has small emissions, Cook has large emissions, and Kenosha has a large stationary point source. The average of the highest days for PM2.5 sulfate, nitrate, and primary carbon are evaluated. This is the average of the January month for PM2.5 nitrate ion and the July month for PM2.5 sulfate ion and primary carbon. The peak concentration from the source region is identified on the modeling grid (always a grid cell inside the source region) for the average of the high days. Two examples are shown in Figure 4.

Figure 4. Distance from peak concentration for Cook county PM2.5 nitrate (left) and Milwaukee county PM2.5 sulfate (right)

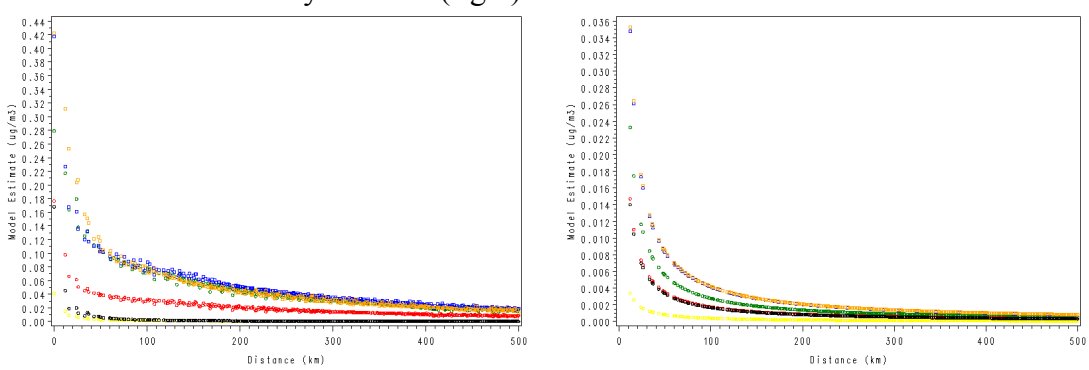


The concentrations at each distance away from the peak value are averaged together. Peak concentrations are plotted as a function of distance (peak concentration/distance) for qualitative comparison to average source contribution estimates at each distance from the peak concentration.

3. RESULTS & DISCUSSION

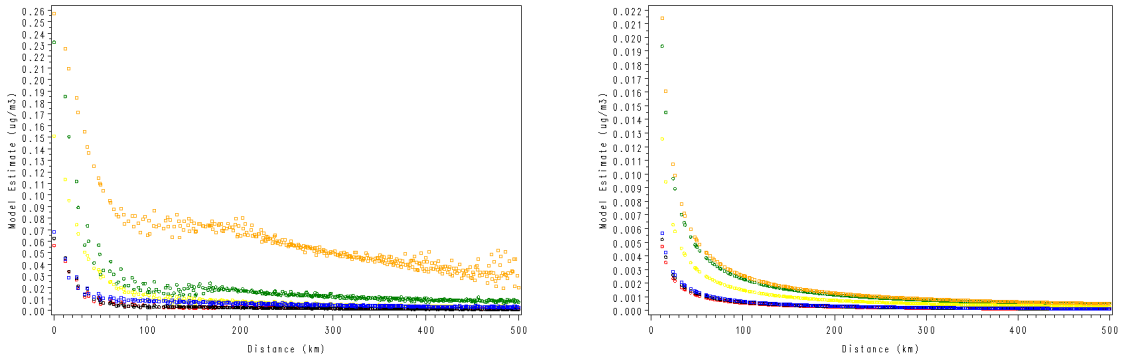
Distance average PM2.5 sulfate ion for 6 source regions and peak estimates PM2.5 sulfate ion for each source region divided by distance is shown in Figure 5.

Figure 5. Source apportionment results (left) for PM2.5 sulfate ion and peak concentration divided by distance (right)



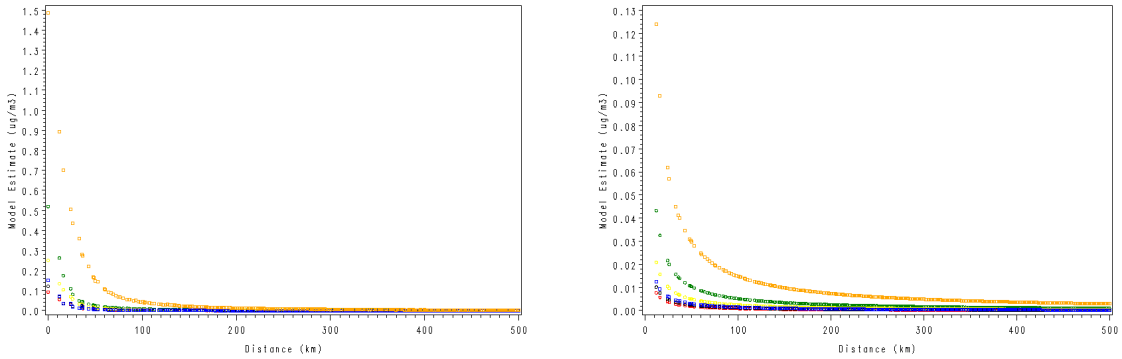
In general, the source apportionment results for these emission groups show decreasing concentrations as distance increases from the peak estimate. This is similar to the simple peak concentration divided by distance also shown in Figure 5. Similar plots for PM2.5 nitrate ion are shown in Figure 6.

Figure 6. Source apportionment results (left) for PM2.5 nitrate ion and peak concentration divided by distance (right)



Source contribution estimates for PM2.5 nitrate ion also tend to decrease as the distance from the peak concentration increases. However, source groups with very large emissions of nitrogen oxides like Cook county (orange dots in Figure 6) have a noticeable downwind PM2.5 nitrate ion formation increment. Primary emitted organic carbon source contributions are shown in Figure 7. Only primary organic carbon is shown because all primary PM2.5 species are treated the same way in CMAQ and have similar patterns of source estimates by distance.

Figure 7. Source apportionment results (left) for PM2.5 primary organic carbon and peak concentration divided by distance (right)



The source estimates of primary PM2.5 organic carbon show a decrease as distance from the peak estimate increases. The pattern of decreasing PM2.5 organic carbon contribution is very similar to the peak concentration divided by distance. The concentration divided by distance formulation best matches primarily emitted PM2.5 species that do not undergo secondary formation reactions or thermodynamic partitioning.

4. CONCLUSIONS

The source contributions of PM2.5 sulfate ion, nitrate ion, and primary organic carbon from 6 counties in the Milwaukee-Chicago area are evaluated by distance. All 3 of these species tend to decrease as the distance from the peak concentration increases. In general, this pattern is similar to a concentration divided by distance pattern. The best agreement between peak concentration divided by distance is with primarily emitted PM2.5 species. Species such as nitrate and sulfate ions have a similar pattern of decreasing contribution concentration by distance as the primary species, but may have additional contribution

increments at varying distances from the source region due to their potential for secondary formation.

5. REFERENCES

Aiyyer, A, Cohan, D., Russell, A., Stockwell, W., Tanrikulu, S., Vizuete, W., Wilczak, J., 2007. Final Report: Third Peer Review of the CMAQ Model. p. 23.

Byun, D.W., and Schere, K.L., 2006. Review of the Governing Equations, Computational Algorithms, and Other Components of the Models-3 Community Multiscale Air Quality (CMAQ) Modeling System, J. Applied Mechanics Reviews, 59 (2), 51-77.

Chang, J.S., Brost, I.S., Isaksen, A., Madronich, S., Middleton, P., Stockwell, W.R., Walcek, C.J. 1987. A Three-Dimensional Eulerian Acid Deposition Model: Physical Concepts and Formulation. J Geophys. Res., 92, 14, 681-14,700.

Community Modeling & Analysis System (CMAS) – Reports from the CMAQ Review Process can be found at:
http://www.cmascenter.org/r_and_d/cmaq_review_process.cfm?temp_id=99999 .

Dennis, R.L., Byun, D.W., Novak, J.H., Galluppi, K.J., Coats, C.J., and Vouk, M.A., 1996. The next generation of integrated air quality modeling: EPA's Models-3, Atmospheric Environment, 30, 1925-1938.

ICF International, 2007a. Implementation of Sulfur and Nitrogen Tagging in the Community Multiscale Air Quality (CMAQ) Model: Technical Description and Users' Guide. January 15, 2007.

ICF International, 2007b. Implementation of Ozone and Particle Precursor Tagging Methodologies in the Community Multiscale Air Quality (CMAQ) Model: Technical Description and User's Guide. November 20, 2007.

Nenes , A., Pandis, S.N., Pilinis C.: ISORROPIA: A new thermodynamic equilibrium model for multiphase multicomponent inorganic aerosols. Aquat.Geoch. 4; 123-152: 1998.

U.S. Environmental Protection Agency, Byun, D.W., and Ching, J.K.S., Eds, 1999. Science algorithms of EPA Models-3 Community Multiscale Air Quality (CMAQ modeling system, EPA/600/R-99/030, Office of Research and Development).

U.S. Environmental Protection Agency, 2005. Technical Support Document for the Final Clean Air Interstate Rule: Air Quality Modeling; Office of Air Quality Planning and Standards, RTP, NC, March 2005 (CAIR Docket OAR-2005-0053-2149)

U.S. Environmental Protection Agency, 2006. Technical Support Document for the Final PM National Ambient Air Quality Standards Rule: Office of Air Quality Planning and Standards, Research Triangle Park, NC

U.S. Environmental Protection Agency, 2007. Regulatory Impact Analysis of the Proposed Revisions to the National Ambient Air Quality Standards for Ground-Level Ozone, July 2007 (EPA document number 442/R-07-008,).