

Acronyms

AOD	aerosol optical depth	NASA	National Aeronautics and Space Administration
AQI	Air Quality Index	NOAA	National Oceanic and Atmospheric Administration
BART	best available retrofit technology	NO _x	oxides of nitrogen
CAA	Clean Air Act	PM	particulate matter
CAIR	Clean Air Interstate Rule	PM ₁₀	particulate matter 10 µm or less in size
CASTNET	Clean Air Status and Trends Network	PM _{2.5}	particulate matter (fine) 2.5 µm or less in size
EOS	Earth Observing System	PM _{10-2.5}	particulate matter (coarse) between 10 and 2.5 µm in size
EPA	U.S. Environmental Protection Agency	PSD	prevention of significant deterioration
FRM	Federal Reference Method	RACM	reasonably available control measures
HAP	hazardous air pollutants	RACT	reasonably available control technology
IDEA	Infusing satellite Data into Environmental Applications	SIP	State Implementation Plan
IMPROVE	Interagency Monitoring of Protected Visual Environments	SO ₂	sulfur dioxide
IPN	Inhalable Particulate Network	TCM	total carbonaceous mass
km	kilometer	TSP	total suspended particulate
MACT	maximum achievable control technology	µg/m ³	micrograms per cubic meter
MODIS	moderate resolution imaging spectroradiometer	µm	micrometers
NAAQS	National Ambient Air Quality Standards	VOC	volatile organic compound

For Further Information

Web Sites

Additional technical information: www.epa.gov/airtrends/pm.html
Air Quality Index (AQI): www.epa.gov/airnow
Clean Air Interstate Rule: www.epa.gov/interstateairquality/
CASTNET: www.epa.gov/castnet/
Emissions: www.epa.gov/ttn/chief/
EPA 1996 PM Criteria Document: www.epa.gov/ttn/naaqs
EPA Monitoring Networks: www.epa.gov/ttn/amtic/
Health and Ecological Effects: www.epa.gov/air/urbanair/pm/index.html
IMPROVE: vista.cira.colostate.edu/improve
National Academies: www4.nationalacademies.org/nas/nashome.nsf
Office of Air and Radiation: www.epa.gov/oar
Office of Air Quality Planning and Standards: www.epa.gov/oar/oaqps
Office of Atmospheric Programs: www.epa.gov/air/oap.html
Office of Transportation and Air Quality: www.epa.gov/otaq
Online Air Quality Data: www.epa.gov/air/data/index.html
PM Supersites: www.epa.gov/ttn/amtic/supersites.html and www.epa.gov/ttn/amtic/laprog.html
PM_{2.5} Designations: www.epa.gov/pmdesignations
Report on Acid Rain: www.epa.gov/acidrainreport/
Satellite information: idea.ssec.wisc.edu
Source apportionment: www.epa.gov/oar/oaqps/pm25/docs.html
Visibility: www.epa.gov/airtrends/vis.html