Attribution of Haze Report (Phase I)

Geographic Attribution for the Implementation of the Regional Haze Rule

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List of Acronyms

Acronym	Definition
AIRS	Aerometric Information Retrieval System
AoH	Attribution of Haze (WRAP Workgroup)
APACE	The Atmospheric Particulate Carbon Exchange
AQS	Air Quality System
ARL	Air Resources Laboratory
BC	Boundary condition
BCON	Boundary concentration
BEIS3	Biogenic Emissions Inventory System version 3
BRAVO	Big Bend Regional Aerosol & Visibility Observations study
CARB	California Air Resources Board
CASTNet	Clean Air Status and Trends Network (monitoring network)
CEM	Continuous Emissions Monitoring
CENRAP	Central Regional Air Planning Association
CMAQ	Community Multiscale Air Quality
COHA	Causes of Haze Assessment
DRI	Desert Research Institute
DV	Deciview
EC	Elemental carbon
EDAS	Eta Data Assimilation System (meteorological data fields)
EDMS	Emissions Data Management System
EGAS	Economic Growth Analysis System
EGU	Electric generating unit
EI	Emissions inventory
EIA-767	Energy Information Administration Form 767
EPA	Environmental Protection Agency
ETS	Emissions Tracking System
FEJF	Fire Emissions Joint Forum (WRAP Forum)
FNL	Global Forecast System Final analysis (meteorological data fields)
GCVTC	Grand Canyon Visibility Transport Commission
GEAR	Gas phase chemistry solver.
GEOSCHEM	Global chemical-transport model
HYSPLIT	Hybrid-Single Particle Lagrangian Integrated Trajectory (dispersion/trajectory model)
IAS	Integrated Assessment System
IC	Initial condition
ICON	Initial concentration

List of Acronyms (Cont.)

Acronym	Definition
IMPROVE	Interagency Monitoring of Protected Visual Environments (monitoring network)
km	Kilometer
mi	Mile
Mm^{-1}	Inverse megameter (units of light extinction)
MM5 data	Fifth-generation Penn State/NCAR Mesoscale Model (meteorological field)
MOBILE6	Motor vehicle emissions factor model
MSF	Mobile Sources Forum (WRAP Forum)
NADP	National Atmospheric Deposition Program (monitoring network)
NCAR	National Center for Atmospheric Research
NEI	National Emissions Inventory
NH_3	Ammonia
NOAA	National Oceanic and Atmospheric Administration
NONROAD	Model for off-road emissions
NO_x	Oxides of nitrogen
NP	National Park
OC	Organic carbon
PM	Particulate matter
$PM_{2.5}$	Particulate matter less than 2.5 microns in diameter
PM_{10}	Particulate matter less than 10 microns in diameter
PMC	Coarse particulate matter, between 2.5 and 10 microns in diameter
PSU	Pennsylvania State University
RH	Relative humidity
RHR	Regional Haze Rule
RMC	Regional Modeling Center
RPO	Regional Planning Organization
RRF	Relative Reduction Factors
SEARCH	Southeastern Aerosol Research and Characterization (monitoring network)
SIP	State implementation plan
SMOKE	Sparse Matrix Operator Kernel Emissions
SO_2	Sulfur dioxide
SO_4	Sulfate
STN	Speciation Trends Network (monitoring network)

List of Acronyms (Cont.)

Acronym	Definition
TIP	Tribal implementation plan
TRA	Trajectory Regression Analysis (attribution method)
TSSA	Tagged Species Source Apportionment (attribution method)
VIEWS	Visibility Information Exchange Web System (visibility web site)
VMT	Vehicle miles traveled
VOC	Volatile organic carbon compounds
VR	Visual range
WA	Wilderness Area
WinHaze	Visual Air Quality Modeler
WRAP	Western Regional Air Partnership