



New Mexico Environment Department

Regional Haze Monitoring data, NM SIPr Planning Update

Four Corners Air Quality Group

Air Quality Bureau – Control Strategies

Sept, 2022





Regional Haze Program

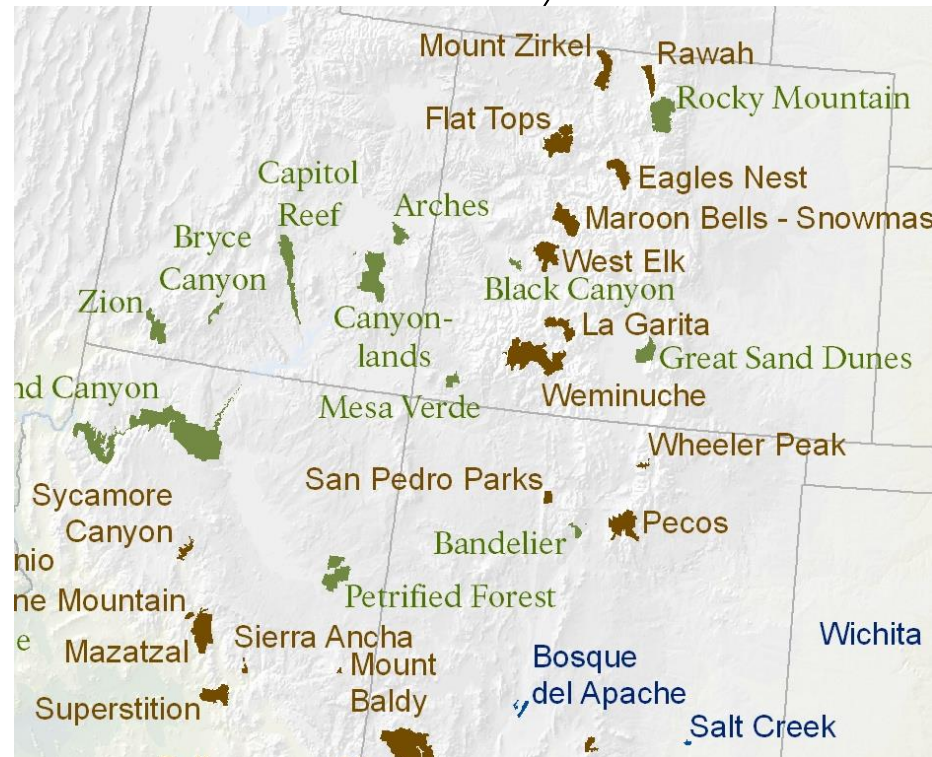
“Regional Haze” = Visibility protection at federal Class I Areas (CIAs)



Class I Areas (CIAs) in New Mexico:

- Bandelier Wilderness Area
- Bosque del Apache Wilderness Area
- Carlsbad Caverns National Park
- Gila Wilderness Area
- Pecos Wilderness Area
- Salt Creek Wilderness Area
- San Pedro Parks Wilderness Area
- Wheeler Peak Wilderness Area
- White Mountain Wilderness Area

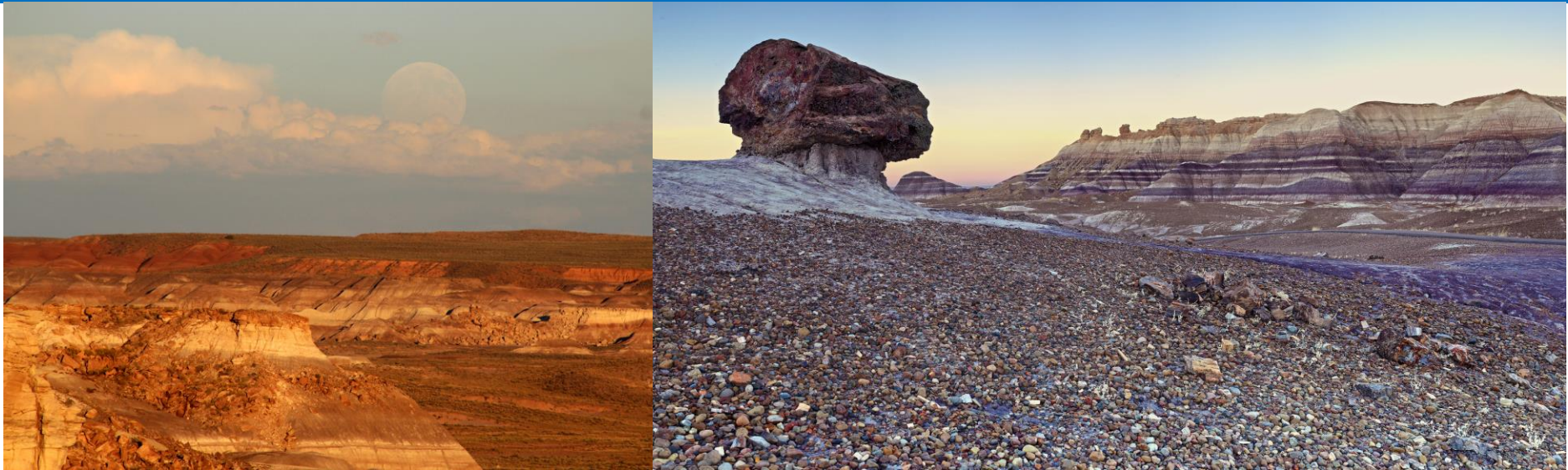
We also have to evaluate impact of NM sources on nearby CIAs located outside NM; tribes/EPA and other states must evaluate their sources' impacts on our CIAs



<https://www.env.nm.gov/air-quality/reg-haze/>



Class I Areas in Four Corners (examples)



Petrified Forest National Park, Arizona



Corona Arch near Arches National Park, Moab, UT



Pics of CIA surroundings in Four Corners



Mesa Verde National Park, CO (National Park Service)

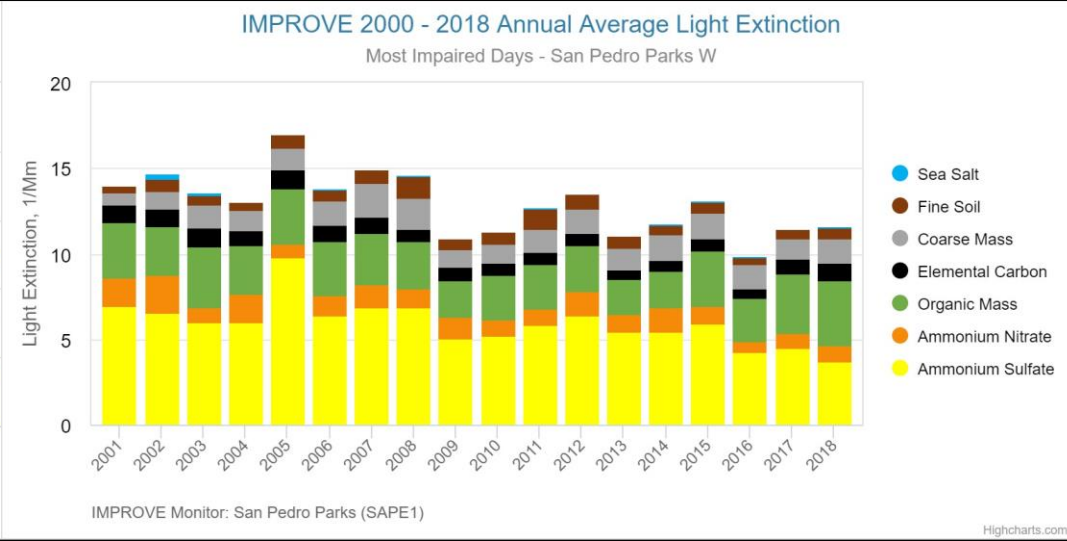
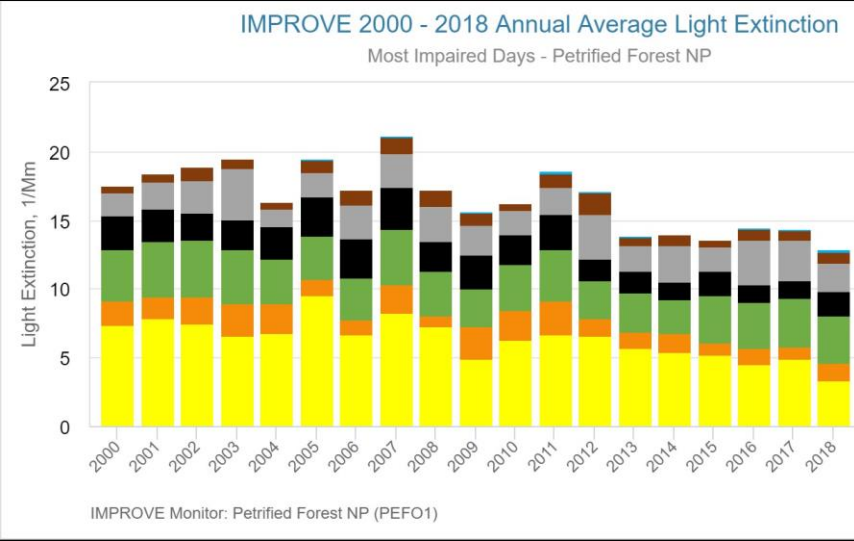
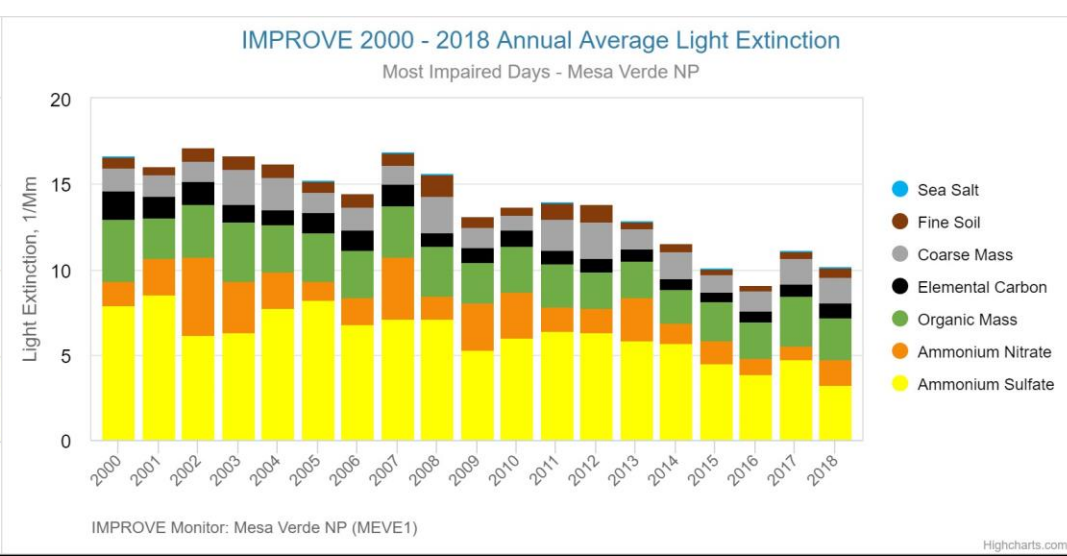
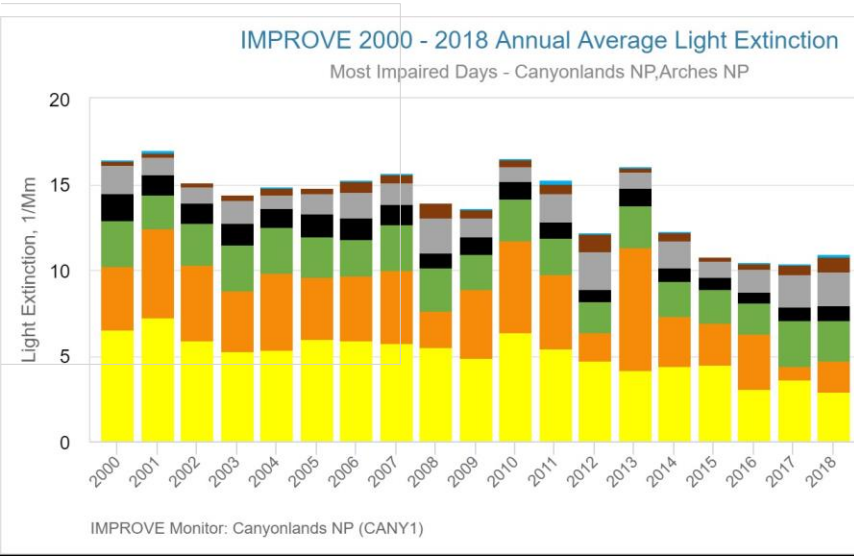


San Pedro Parks, NM (National Forest Service)





Wrap Technical Support System: <https://views.cira.colostate.edu/tssv2/>





Step 3 - Selection of Sources for Analysis

Attachment 2. Title V sources required to conduct a four-factor analysis of control measures under the 2016 Regional Haze Rule.

Title V Facilities w/ Q/d > 5.5	Q/d	Class I area	Company Name
Cunningham Station	7.72	Carlsbad NP	Xcel Energy
Prewitt Escalante Generating Station	26.1	San Pedro Parks WA	Tri-State Generation and Transmission Association
Roswell Compressor Station No9	7.6	Salt Creek WA	Transwestern Pipeline
Mountainair No7 Compressor Station	5.7	Bosque del Apache WA	
Monument Gas Plant	20.4	Carlsbad NP	Targa Midstream Services
Eunice Gas Processing Plant	13.0	Carlsbad NP	
Saunders Gas Plant	11.7	Salt Creek WA	
San Juan Generating Station	461.0	Mesa Verde NP	Public Service Co. of New Mexico
Indian Basin Gas Plant	9.4	Carlsbad NP	Oxy USA
Bitter Lake Compressor Station	50.2	Salt Creek WA	IACX Roswell, LLC
Kutz Canyon Processing Plant	10.3	Mesa Verde NP	Harvest Four Corners, LLC
Harvest Pipeline - San Juan Gas Plant	8.3	Mesa Verde NP	
Jal No3 Gas Plant	20.5	Carlsbad NP	ETC Texas Pipeline, Ltd.
Chaco Gas Plant	28.2	Mesa Verde NP	Enterprise Field Services
Blanco Compressor C & D Station	7.8	Mesa Verde NP	
South Carlsbad Compressor Station	5.9	Carlsbad NP	
Washington Ranch Storage Facility	23.5	Carlsbad NP	El Paso Natural Gas Company
Pecos River Compressor Station	13.9	Carlsbad NP	
Blanco Compressor Station A	5.6	Mesa Verde NP	
Eunice Gas Plant	18.4	Carlsbad NP	DCP Operating Company, LP
Linam Ranch Gas Plant	7.6	Carlsbad NP	DCP Midstream
Artesia Gas Plant	5.7	Carlsbad NP	
Denton Gas Plant	7.6	Salt Creek WA	Davis Gas Processing
Rio Grande Portland Cement Plant*	16.0	Bandelier WA	

*Located in Bernalillo County outside of NMED Jurisdiction.



Status of Progress and Timeline

❑ **Current tasks that we are focusing on:**

- ❑ Development of interstate emissions impacts analysis and consultations with other states, tribes, continuing informal FLM consultations as needed, monthly R6 EPA Consultations;
 - ❑ Developing technical support documentation for NMED Four Factor Analysis reviews & Controls determinations;
 - ❑ Upper management review and policy decisions on long-term strategy and other necessary SIPr proposal requirements.
 - ❑ Strategy for future stakeholder engagement and hearing phases.
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- ❑ Plan to have a State Implementation Plan Revision (SIPr) draft proposal ready for FLM review by early 2023.
 - Also would issue a public outreach version at this time.
 - ❑ Goal is to have a hearing with NM Environmental Improvement Board in Fall 2023 and submit an approvable plan revision to EPA by the end of 2023.
 - ❑ NMED and City of Albuquerque Team have made considerable progress on drafting our SIPr proposal, but we still have a considerable amount to still complete.



Questions

