



REGIONAL HAZE FACTSHEET

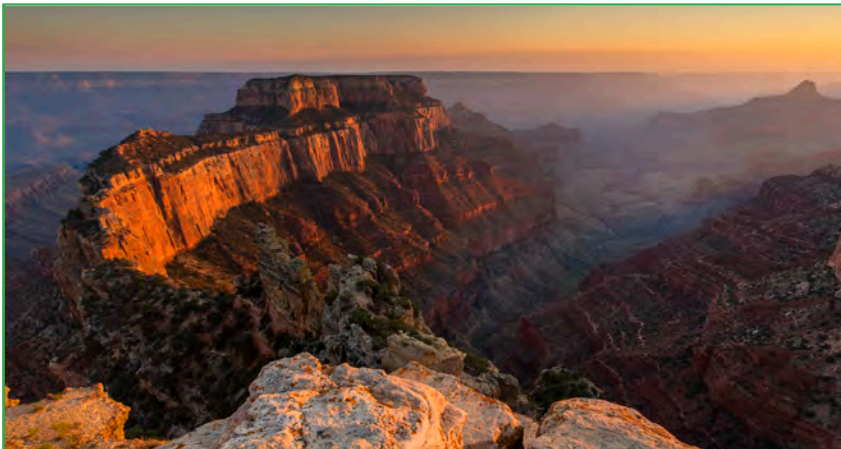
ARIZONA


CLEARING THE AIR


Air pollution remains one of the most serious problems facing national parks. It is threatening the health of park visitors, wildlife and neighboring communities, driving the climate crisis and compromising our views with hazy skies. In fact, nearly 90 percent of our more than 400 national parks are plagued by haze pollution caused mostly by coal plants, vehicles and other industrial sources, as well as oil and gas development and operations.

Fortunately, certain national parks and wilderness areas, labeled “Class I” areas, have the strongest clean air protections in the country, mandated by the Clean Air Act (CAA). The Regional Haze Rule is the CAA’s time-tested, effective program that requires federal and state agencies as well as stakeholders to work together to restore clear skies at Class I areas around the country. In Arizona those places include Grand Canyon, Saguaro and Petrified Forest National Parks, Chiricahua National Monument and Superstition, Galiuro, Mount Baldy, Sierra Ancha, Mazatzal, Sycamore Canyon and Chiricahua Wilderness Areas.

The state of Arizona has submitted its regional haze plan to the Environmental Protection Agency (EPA). Unfortunately, the proposed haze plan fails to reduce pollution, falling short of the state’s obligation to improve air quality for our parks and wilderness areas. The state has improperly concluded that almost no new reductions in pollution are warranted from the 11 polluters they chose to review, and exempted 7 other large facilities (such as Cholla and Coronado coal plants) from review entirely. Arizona is not reducing emissions from Hayden Smelter or TEP’s Springerville Coal Plant, failing to address the environmental injustices caused by those facilities. Under the current plan, over 40,000 tons of uncontrolled haze-causing pollution will continue to be released into the air each year. EPA must now decide whether to approve, partially approve, or disapprove the state’s plan.



 **30**
Industrial facilities in Arizona potentially affecting visibility in 60 regional Class I Areas.

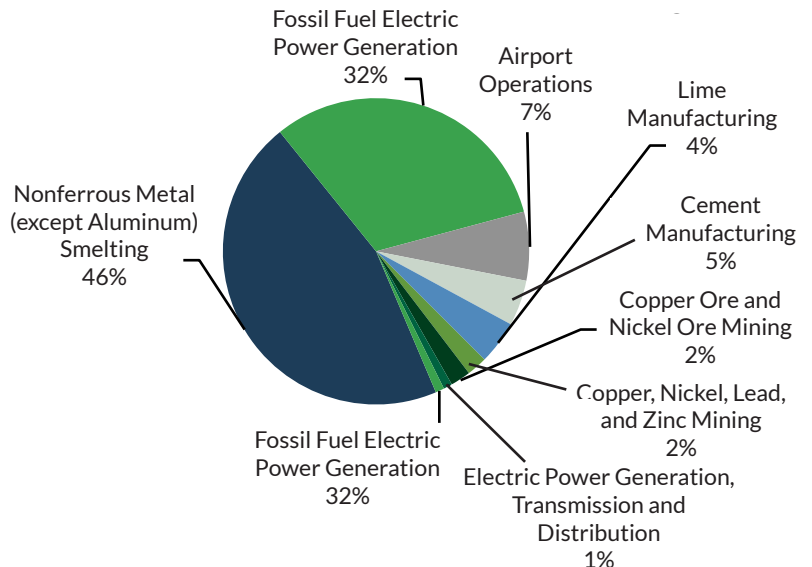
 **68**
Industrial facilities from any state potentially affecting visibility in Arizona’s 12 Class I Areas.

The North Rim of the Grand Canyon as viewed from Cape Royal overlook at sunset. Credit: (c) Ian Shive
NPCA analysis of impact of industrial facilities based on publicly available emissions data from the EPA’s 2017 National Emissions Inventory (NEI) and the 2019 Air Markets Program Data (AMPD). Note that data regarding emission numbers and sources of pollution may have changed since the creation of this fact sheet. Please contact dorozco@npca.org for updated data information.

ARIZONA’S INDUSTRIAL SECTORS OF HAZE POLLUTION

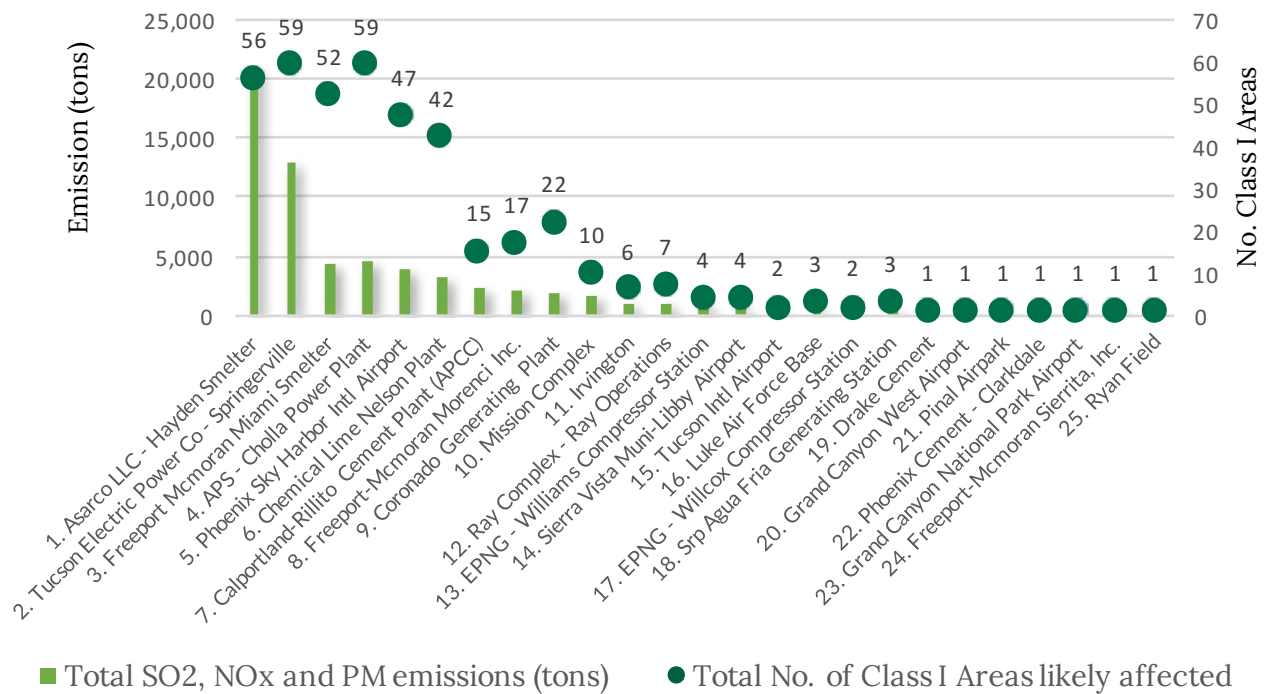
NPCA analyzed publicly available data to identify the worst sources and industrial sectors of haze pollution potentially affecting Class I Areas. We evaluated these emitters to determine which sources should be selected by the state for a four-factor reasonable progress analysis.

The chart on the right shows the industrial sectors emitting the most visibility impairing pollution in Arizona.



Sources of Visibility Impairing Pollution in Arizona

ARIZONA'S 25 WORST SOURCES OF REGIONAL HAZE POLLUTION



The state of Arizona identified a set of point sources for a four-factor reasonable progress analysis and requested information on emission reduction options from these source owners. NPCA supports the evaluation of these sources and we urge the state of Arizona to also do four-factor analyses for additional sources and to ensure pollution controls are required to cut emissions from these polluting facilities.

HOW MANY FOOTBALL STADIUMS (8 STORIES HIGH) COULD EACH OF THE TOP FIVE INDUSTRIAL FACILITIES IN ARIZONA FILL WITH THEIR EMISSIONS EACH YEAR?



83

Asarco LLC - Hayden Smelter
Gila County
20,770 tons



52

Tucson Electric Power Co - Springerville
Apache County
12,970 tons



17

Freeport Mcmoran Miami Smelter
Gila County
4,373 tons



18

APS - Cholla Power Plant
Navajo County
4,613 tons



16

Phoenix Sky Harbor Intl Airport
Maricopa County
3,922 tons

TAKE ACTION: We have an opportunity to achieve a regional haze plan for Arizona that protects people, parks, and our future. Please join our effort to ensure that all decision-makers and stakeholders, at the federal, state, and municipal level work to make this happen.

For more information, please contact Miche Lozano at mlozano@npca.org.