

# Special Studies

1985-1992

## WHITEx

Winter Haze Intensive Tracer Experiment

1987-1990



## PReVEnt

Pacific Northwest Regional Visibility Experiment

1987-1990



## Moosehorn

Moosehorn National Wildlife Refuge

1989



## NGS

Navajo Generating Station Visibility Study

1990



# WHITE<sub>x</sub>

Winter Haze Intensive Tracer Experiment

1987-1990

This study was established to assess the visibility impacts of an isolated pollutant source (Navajo Generating Station) on Glen Canyon National Recreation Area, Grand Canyon, Bryce Canyon, and Canyonlands national parks. Aerosol samplers and transmissometers used in the WHITE<sub>x</sub> study were field tested before becoming standard instruments for use in the IMPROVE.



# PreVent

Pacific Northwest **R**egional **V**isibility **E**xperiment

1990

This study used natural tracers at 34 sites in Washington and Oregon to investigate the contribution of emission sources to ambient particulate concentrations and regional haze in Class I areas in the state of Washington.



# Special Studies

## 1985-1992

### Shenandoah

Shenandoah National Park

1991



### Project MoHaVe

Project Measurement of Haze and Visibility Effects

1992

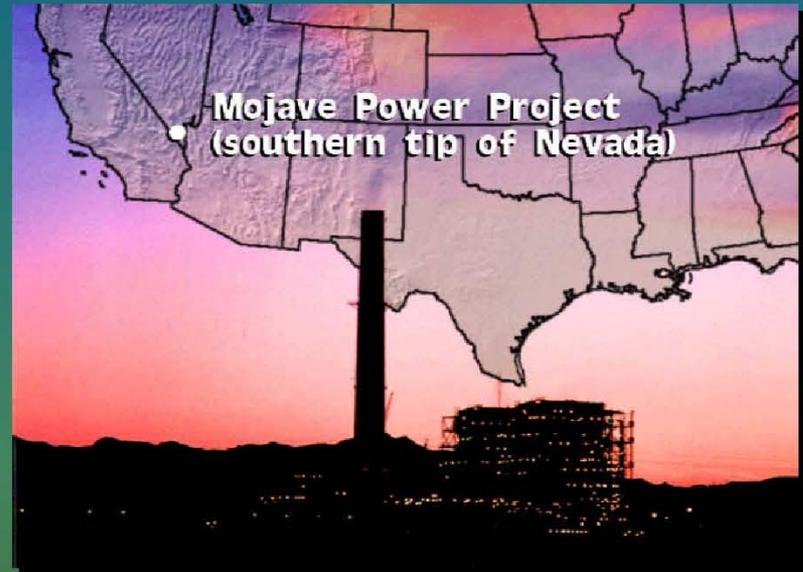


# Project MoHaVE

Project Measurement of Haze and Visibility Effects

## 1992

Project Measurement of Haze and Visibility Effects, more commonly referred to as Project MOHAVE. In 1991, the U.S. Congress directed the EPA to conduct a study to determine the extent to which the Mohave Generating Station, in Laughlin, Nevada, contributed to visibility impairment at Grand Canyon Natl. Park. The National Park Service, EPA, and Southern California Edison partnered in a monitoring, modeling, and data assessment project to estimate the power plant's contributions to haze at Grand Canyon and surrounding areas.



# Special Studies

1993-2002

## SeAVS

Southeastern Aerosol and Visibility Study

1995



## Mt. Zirkel

Reasonable Attribution Visibility Study

1995



## BRAVO

Big Bend Regional Aerosol and Visibility Observational Study

1999



## YACS

Yosemite Aerosol Characterization Study

2002



# Special Studies

## 2003-2010

### IMPROVE

Coarse Mass Speciation Study

2003



### Biogenic Smoke Study

2003

### Great Smoky Mountains Ammonia Study

2004



### RoMANS

Rocky Mountain Atmospheric Nitrogen and Sulfur Study

2006

