

Air Trends

Under the Clean Air Act, EPA establishes air quality standards to protect public health and the environment. EPA has set national air quality standards for six principal air pollutants. These include:

- carbon monoxide,
- lead,
- nitrogen dioxide,
- ozone,
- particulate matter (also known as particle pollution), and
- sulfur dioxide.

Each year EPA tracks the levels of these pollutants in the air and how much of each pollutant (or the pollutants that form them) is emitted from various pollution sources. These numbers are looked at year after year to see how the pollutants have changed over time. EPA posts the results of our analyses to this web site.

[Basic Information](#)⁴ - Information about air quality standards for the six principal air pollutants, also called criteria pollutants

- [Carbon Monoxide \(CO\)](#)⁵
- [Ground-level Ozone \(O₃\)](#)⁶
- [Lead \(Pb\)](#)⁷
- [Nitrogen Dioxide \(NO₂\)](#)⁸
- [Particulate Matter \(PM\)](#)⁹
- [Sulfur Dioxide \(SO₂\)](#)¹⁰

[Where You Live](#)¹¹ - View local-area air trends for the six principal air pollutants

[Air Trends Reports](#)¹² - View and download current and past Air Trends Reports, EPA's "report card" on the status of air quality and air pollutant emissions

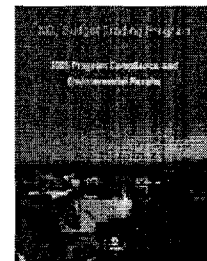
[Special Studies](#)¹³ - Links to special study topics regarding policy-relevant information related to air quality trends

[Air Quality Data](#)¹⁴ - Air quality data and statistics for cities and counties available in PDF and XLS format

[Design Values](#)¹⁵ - Statistics that describe the air quality status of a given area relative to the level of EPA's [National Ambient Air Quality Standards](#)¹⁶

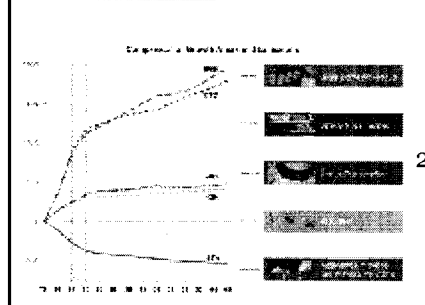
[Acronyms](#)¹⁷ - A list of common acronyms used throughout the Air Trends site

The report [NOx Budget Trading Program, 2005 Program Compliance and Environmental Results](#)¹, analyzes the effectiveness¹ of control programs designed to reduce emissions that contribute to formation of ground-level ozone. The report focuses on 2005 progress made in reducing NOx emissions in the eastern United States.



Air Emissions Trends - Continued Progress Through 2005.

Emissions causing poor air quality across the U.S. have declined since 1970 while we have experienced significant economic growth. [More Information...](#)²



The report [Evaluating Ozone Control Programs in the Eastern United States: Focus on the NOx Budget Trading Program, 2004](#)³, analyzes the effectiveness³ of control

URLs Provided for your Reference

1. <http://www.epa.gov/airmarkets/fednox/index.html>
2. <http://www.epa.gov/airtrends/econ-emissions.html>
3. <http://www.epa.gov/airtrends/2005/ozonenbp/>
4. <http://www.epa.gov/airtrends/sixpoll.html>
5. <http://www.epa.gov/airtrends/carbon.html>
6. <http://www.epa.gov/airtrends/ozone.html>
7. <http://www.epa.gov/airtrends/lead.html>
8. <http://www.epa.gov/airtrends/nitrogen.html>
9. <http://www.epa.gov/airtrends/pm.html>
10. <http://www.epa.gov/airtrends/sulfur.html>
11. <http://www.epa.gov/airtrends/where.html>
12. <http://www.epa.gov/airtrends/reports.html>
13. <http://www.epa.gov/airtrends/studies.html>
14. <http://www.epa.gov/airtrends/factbook.html>
15. <http://www.epa.gov/airtrends/values.html>
16. <http://www.epa.gov/air/criteria.html>
17. <http://www.epa.gov/airtrends/acronyms.html>

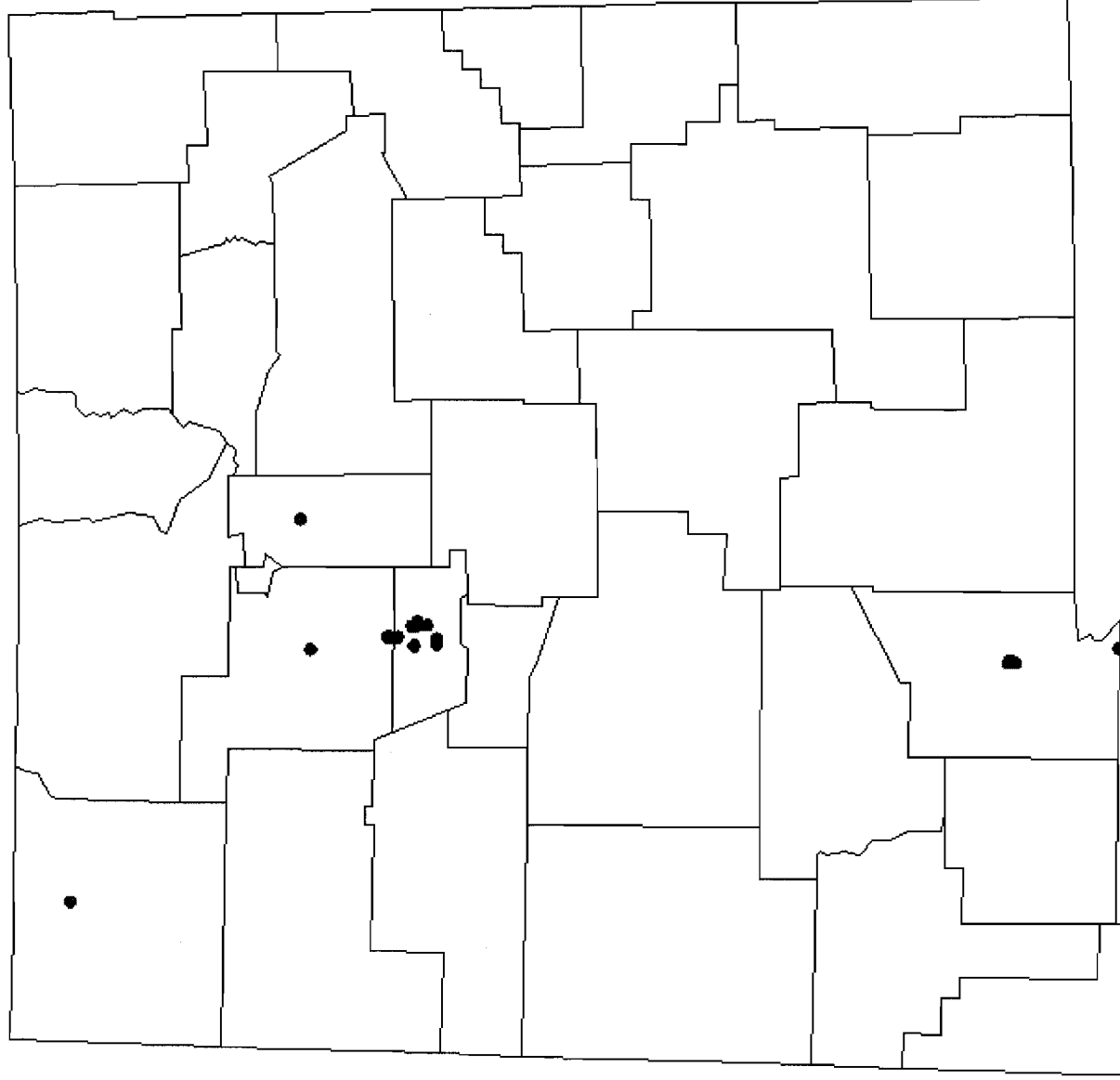
programs designed to reduce emissions that contribute to formation of ground-level ozone. The report focuses on progress made in reducing NOx emissions in the eastern United States.

Carbon Monoxide Air Quality Monitoring Sites in New Mexico -- 1990 to 2005

Mouse over a site to see its location

Click on a site to see its trend

Note: This map displays monitoring sites with at least one complete year of data between 1990 and 2005

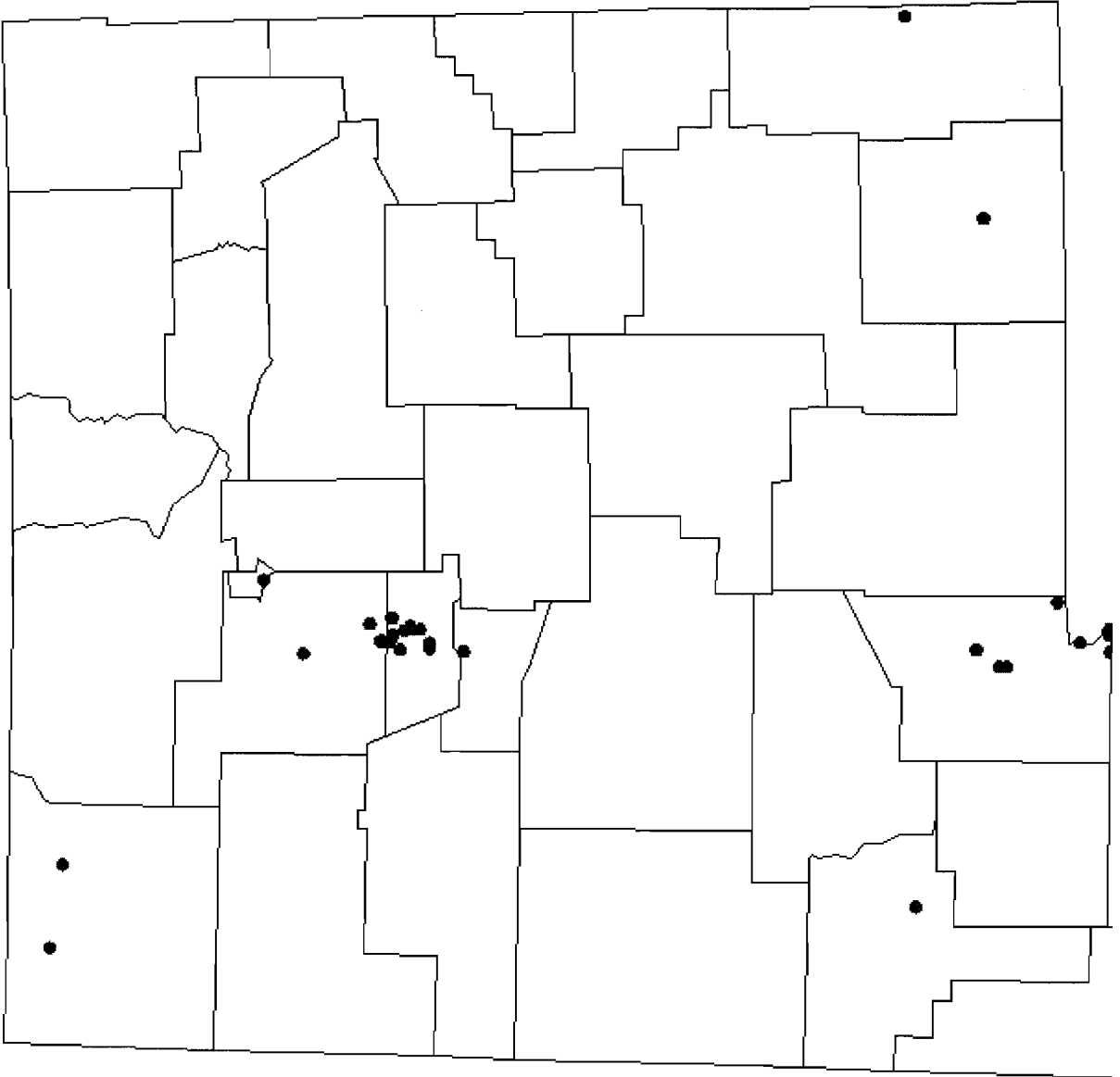


Ozone Air Quality Monitoring Sites in New Mexico — 1990 to 2005

Mouse over a site to see its location

Click on a site to see its trend

Note: This map displays monitoring sites with at least one complete year of data between 1990 and 2005

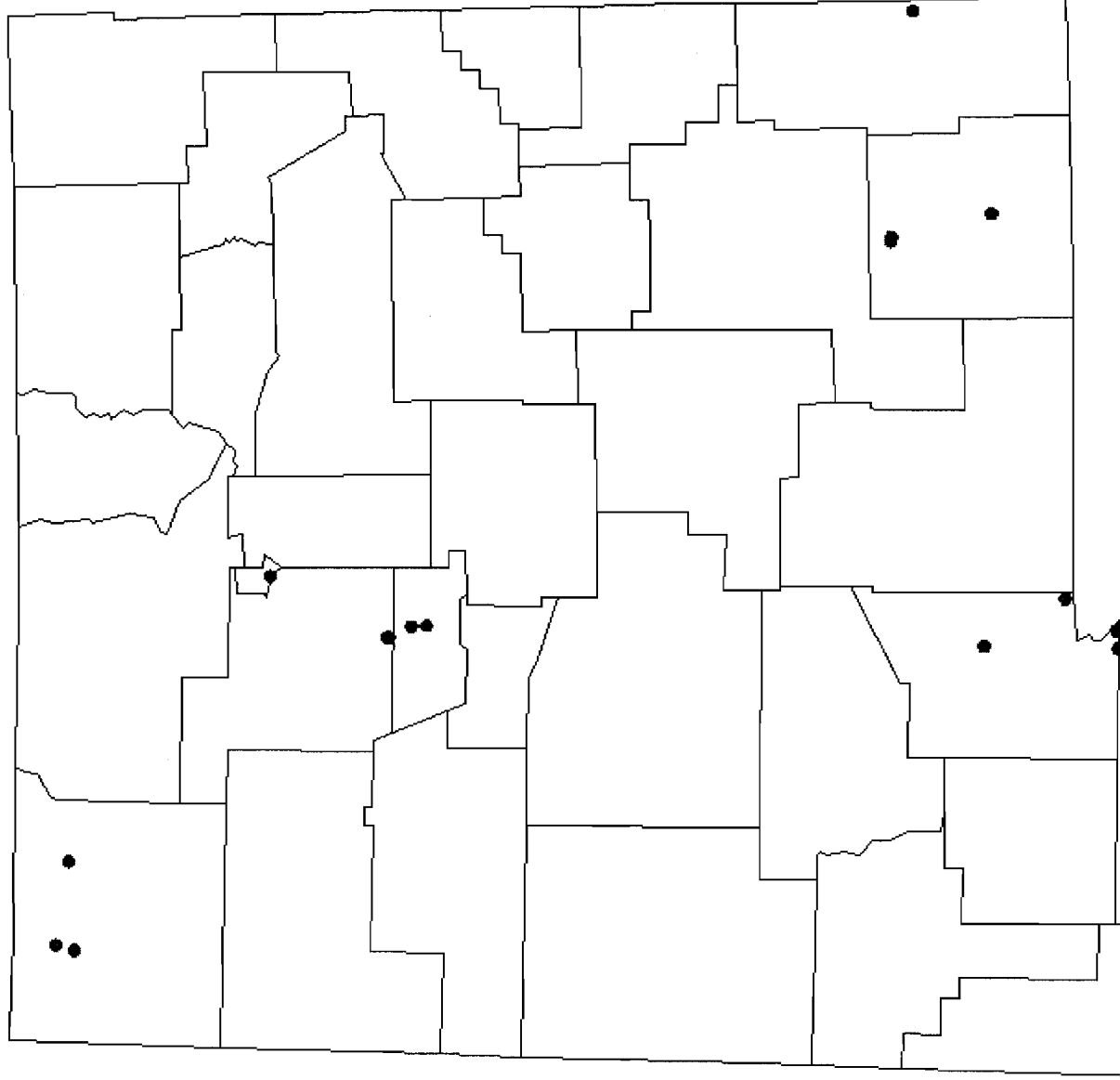


Nitrogen Dioxide Air Quality Monitoring Sites in New Mexico -- 1990 to 2005

Mouse over a site to see its location

Click on a site to see its trend

Note: This map displays monitoring sites with at least one complete year of data between 1990 and 2005

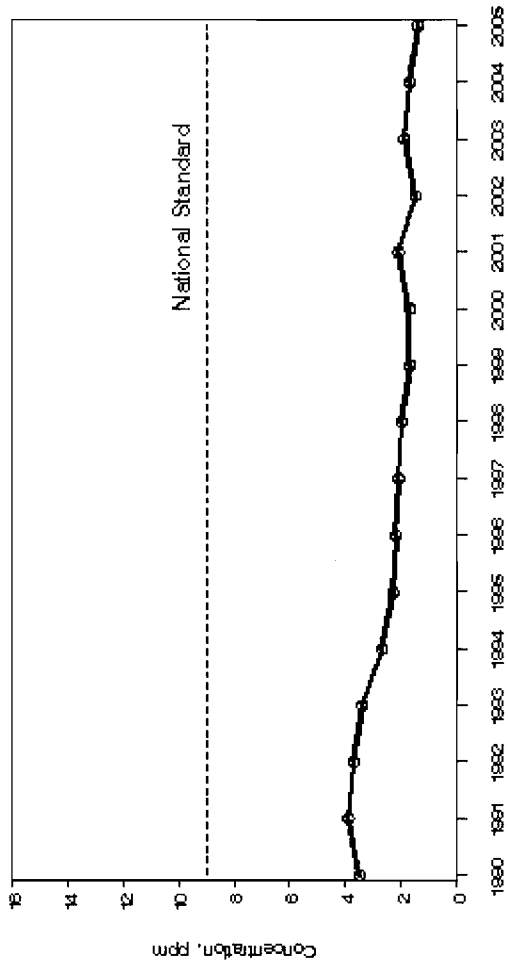


CO Air Quality, 1990 - 2005

(Based on Annual 2nd Maximum 8-hour Average)

Santa Fe, NM

SITE= 350490019 POC= 1

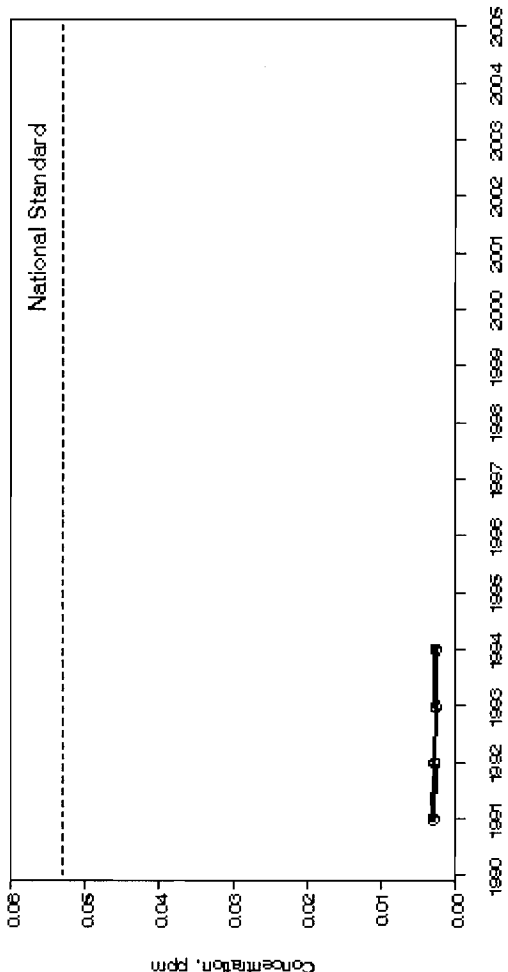


NO2 Air Quality, 1990 - 2005

(Based on Annual Arithmetic Average)

Santa Fe, NM

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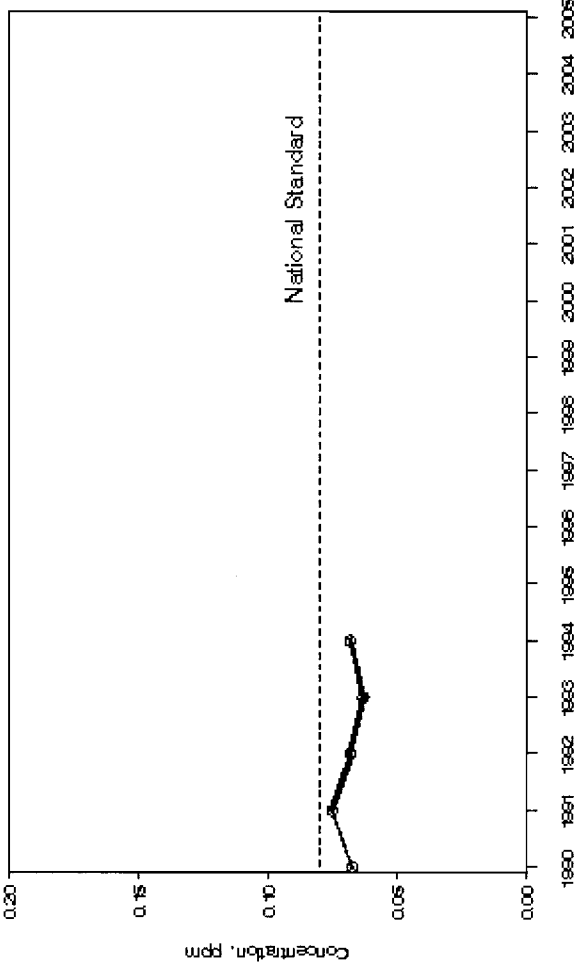


Ozone Air Quality, 1990 – 2005

(Based on Annual 4th Maximum 8-Hour Average)

Santa Fe, NM

SITE= 350281002 POC= 1



Ozone Air Quality, 1990 - 2005

(Based on Annual 4th Maximum 8-Hour Average)

Albuquerque, NM

SITE= 350431001 POC= 1

