2022 Annual Air Quality Report

Board of Directors
Santa Barbara County
Air Pollution Control District

Our Mission: To protect the people and the environment of Santa Barbara County from the effects of air pollution.

Aeron Arlin Genet
Executive Director / APCO

David Broggie, Air Quality Specialist
October 19, 2023

@OurAirSBC
Santa Barbara County Air Monitoring Network

12 Stations
- 9 - O₃
- 5 - NO₂
- 4 - SO₂
- 2 - CO
- 3 - Hydrocarbon
- 2 - H₂S
- 5 - PM₁₀
- 5 - PM₂.₅
- 11 - MET locations
### Santa Barbara County Air Monitoring Network

<table>
<thead>
<tr>
<th>Station</th>
<th>O₃</th>
<th>NO₂</th>
<th>SO₂</th>
<th>CO</th>
<th>THC</th>
<th>H₂S</th>
<th>TRS</th>
<th>PM₁₀</th>
<th>PM₂.₅</th>
<th>WS</th>
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**SLAMS Monitors** | **Non-NAAQS/Industrial Monitors**
Santa Maria Air Monitoring Station
Air Quality Standards - PM

![Bar chart showing the number of exceedances for PM10 and PM2.5 from 2006 to 2022. The chart indicates that the number of exceedances varies significantly across the years, with some years having no exceedances at all.](chart.png)
Air Quality Standards - Ozone

- 0 Days Exceeding the Federal and State 8-hour $O_3$ Standards
- 0 Days Exceeding the State 1-hour Standard
- Santa Barbara designated as nonattainment-transitional
Air Quality Index

- 286 Good Days
- 79 Moderate Days
- 0 Unhealthy for Sensitive Groups Day
- 0 Days Unhealthy and above
FIRE & SMOKE MAP
# District Forecast Maps

### Forecast last updated on 10/9/2023

<table>
<thead>
<tr>
<th>Region</th>
<th>October 10, 2023</th>
<th>October 11, 2023</th>
<th>October 12, 2023</th>
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<td>Today</td>
<td>Tomorrow</td>
<td>The Next Day</td>
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<td></td>
<td>Ozone</td>
<td>PM2.5</td>
<td>PM10</td>
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2022 Summary

- A relatively clear year in terms of AQI
  - Wildfires and hot conditions continue to create challenges for ozone and PM
  - Santa Maria station relocated
  - High wind events typically contribute to PM10 exceedances
- No exceedance of $O_3$, $NO_2$, $SO_2$, and CO standards
Contact Information

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