2024 AIR QUALITY ANNUAL REPORT

Protecting blue skies for a healthy community!

2024 SNAPSHOT

Air quality continues to show overall steady long-term trends of decreasing pollutant concentrations and improving air quality with some year-to-year variability. Ozone trends show continued improvements with decreasing design values at all locations except for Red Hills whose design value increased 1 part per billion in 2024, and PM10 and 2.5 continued to show marked improvement relative to trends.

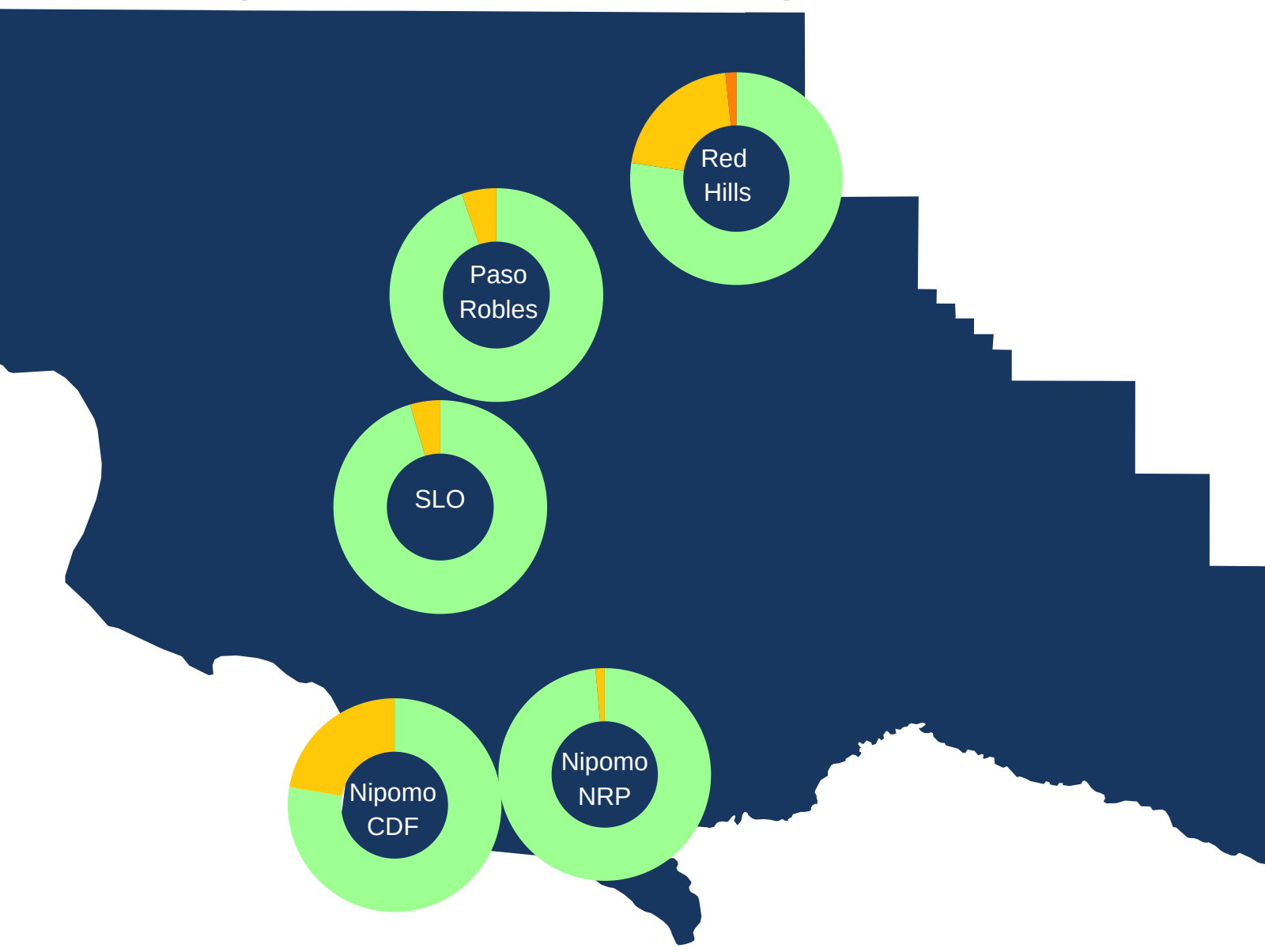
Read our full report at:
SLOCleanAir.org/library/air-quality-reports

AIR QUALITY AT A GLANCE

SLO County APCD has a network of 10 permanent ambient air monitoring stations across the county measuring ozone and particulate matter. The data from those stations, in addition to other resources, are used to develop the Air Quality Index (AQI) values for the community. The AQI tells you how clean or polluted your air is and what health effects you may experience.

Want to know more about the AQI, how it is used & how to protect your health? Visit our new web page, SLOCleanAir.org/air-quality/health.

GOOD vs
MODERATE vs
UNHEALTHY FOR SENSITIVE RECEPTORS
UNHEALTHY / VERY UNHEALTHY

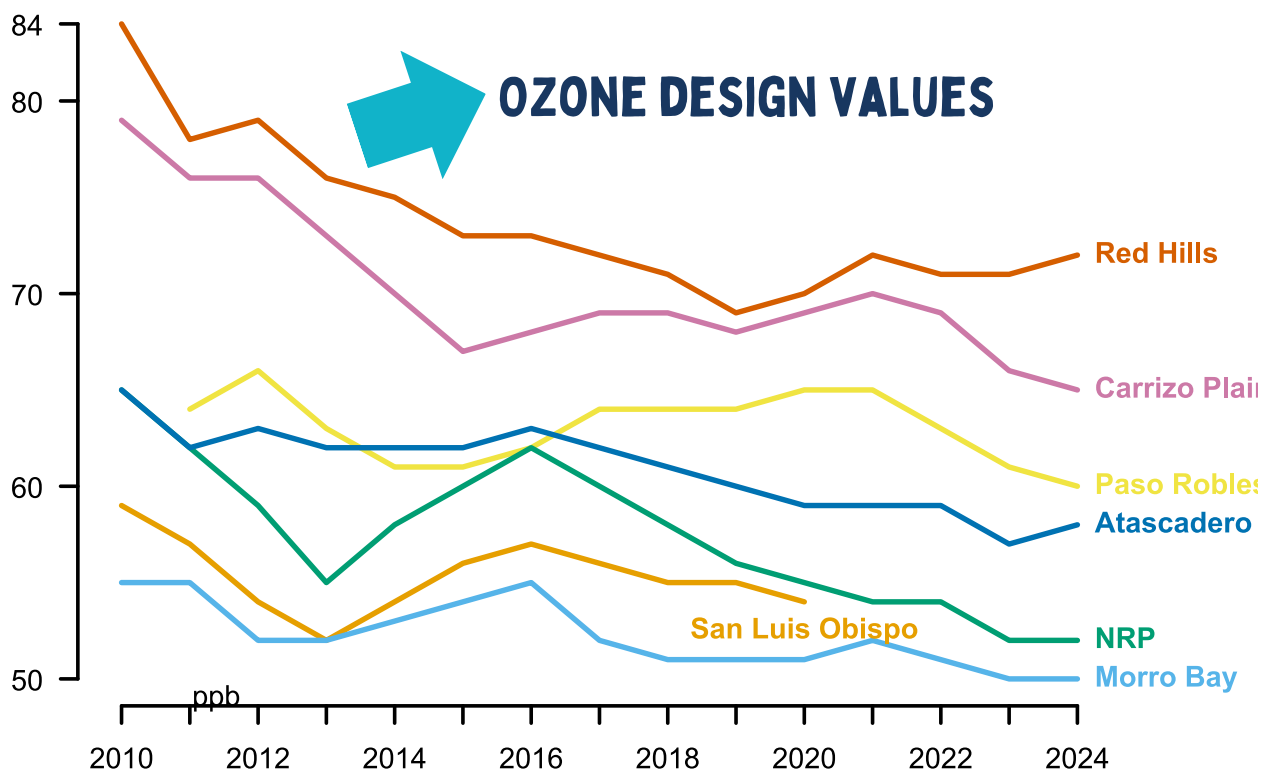


SLO COUNTY apcd | Air Pollution Control District
San Luis Obispo County

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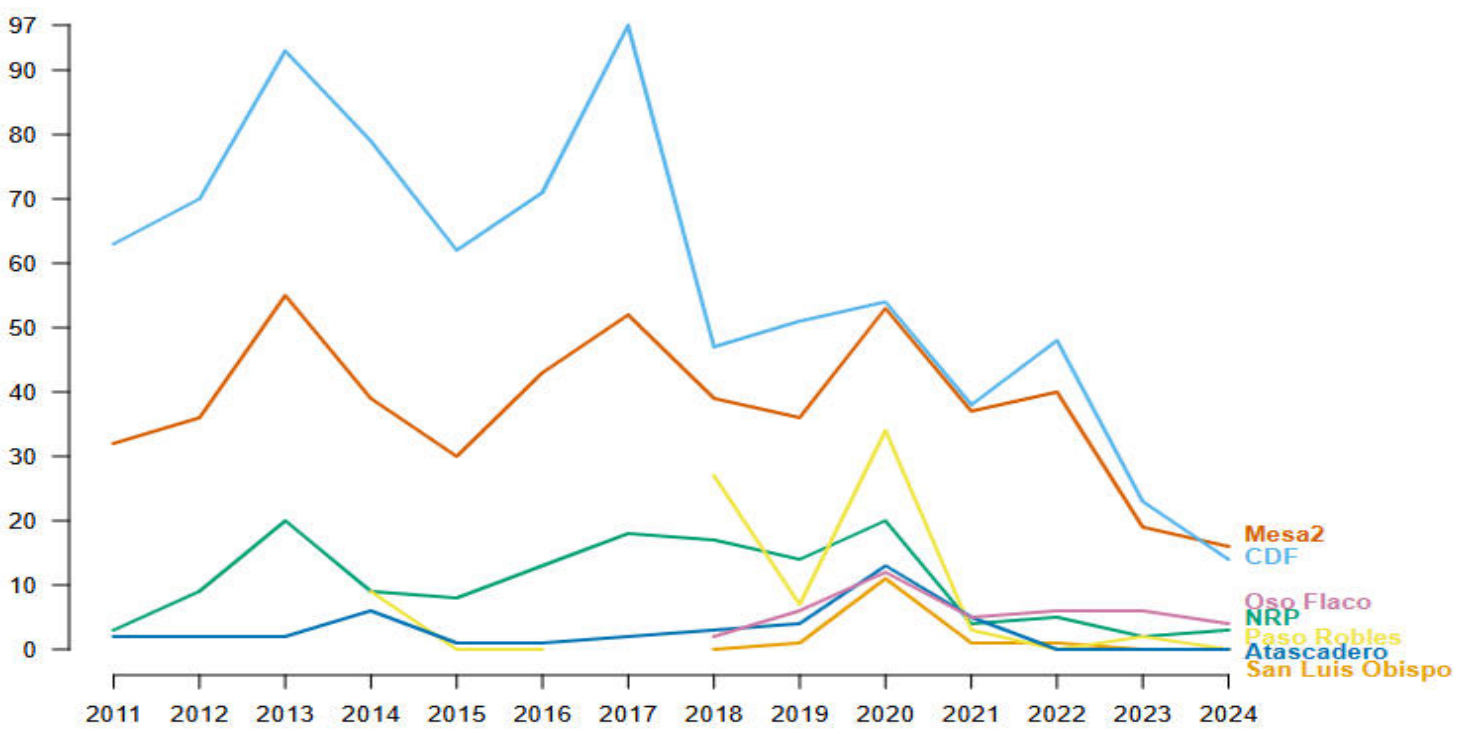
OZONE TRENDS

Overall trends show continued improvements with decreasing design values at all locations except for Red Hills whose design value increased by 1 part per billion 2024. Most stations saw a decrease in the number of days with ozone levels in the Moderate AQI range. There were six exceedances of the state and federal 8-hr ozone standard of 70 ppb at the Red Hills monitoring station and three exceedances at the Carrizo Plains monitoring station in the Eastern County non-attainment zone. One exceedance at Red Hills, and the three exceedances at Carrizo Plains were related to Wildfires in the area. The other exceedances all occurred under high pressure systems with hot stagnant conditions over the San Joaquin Valley leading to high ozone concentrations that were transported into the Red Hills region by easterly winds.



PARTICULATE MATTER TRENDS

PM10 on the Nipomo Mesa continued to show improvements relative to Long Term trends. The state 24-hour PM10 standard of 50 µg/m3 was exceeded 14 times at CDF and 16 times at Mesa 2 the least number of exceedances since daily monitoring began in 2010. Similarly annual averages at all stations decreased with all sites in San Luis Obispo County attaining the state annual average standard of 20 µg/m3. For PM2.5 annual averages decreased across the county with many sites near the lowest annual averages they have recorded. Notably at current levels all sites will meet the new more stringent federal PM2.5 annual average standard of 9 µg/m3 that was implemented on February 7th, 2024.



FIND OUT MORE ABOUT YOUR LOCAL AIR QUALITY BY SIGNING UP TO RECEIVE TEXT NOTIFICATIONS WITH OUR AIRAWARE PROGRAM!

SLOCLEANAIR.ORG/AIR-QUALITY-ALERTS