

# 2018 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  
Director / APCO

Joel Cordes / Principal Monitoring Specialist

August 15, 2019



**air pollution control district**  
SANTA BARBARA COUNTY



# Overview

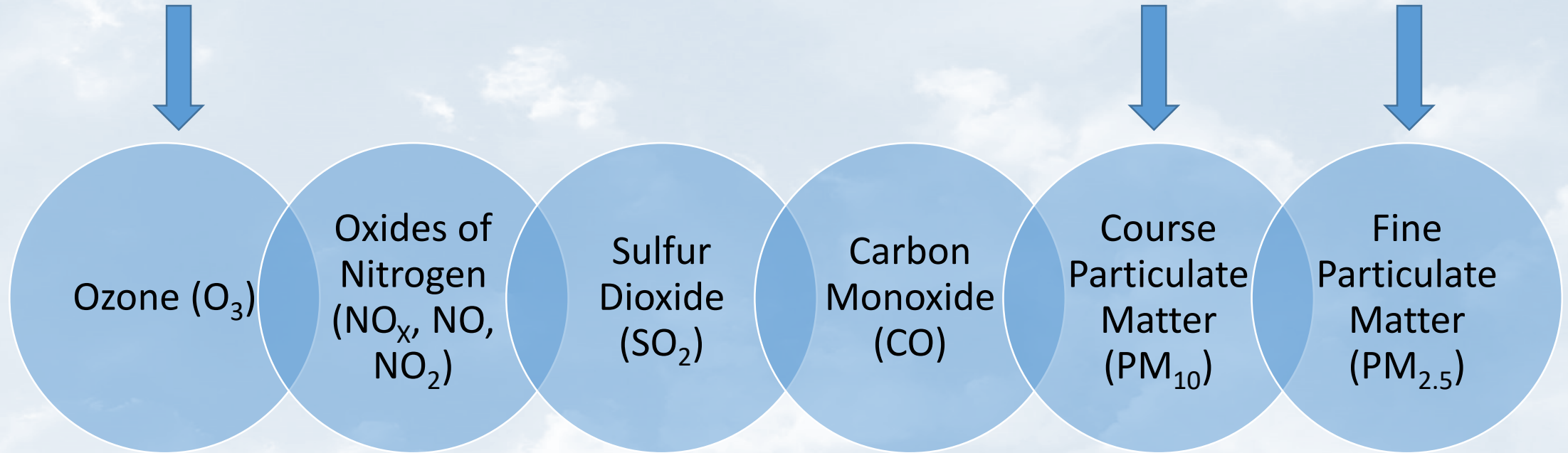
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- 2018 Exceedances
- Ozone Exceedances and Trends
- PM Exceedances and Trends
- AQI Summary and Trends

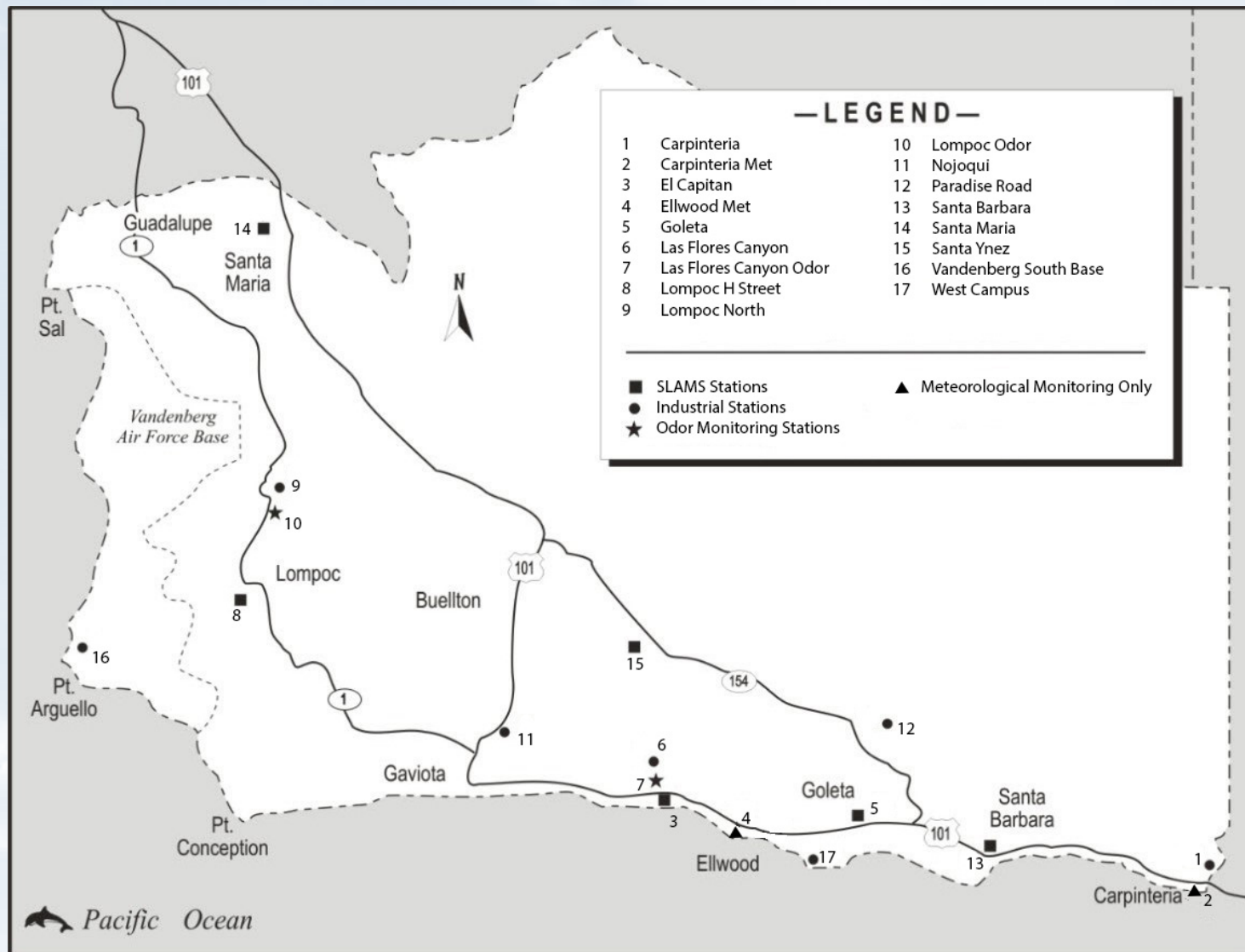


# Criteria Pollutants

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# Santa Barbara County Air Monitoring Stations



# Exceedance of Standards in 2018

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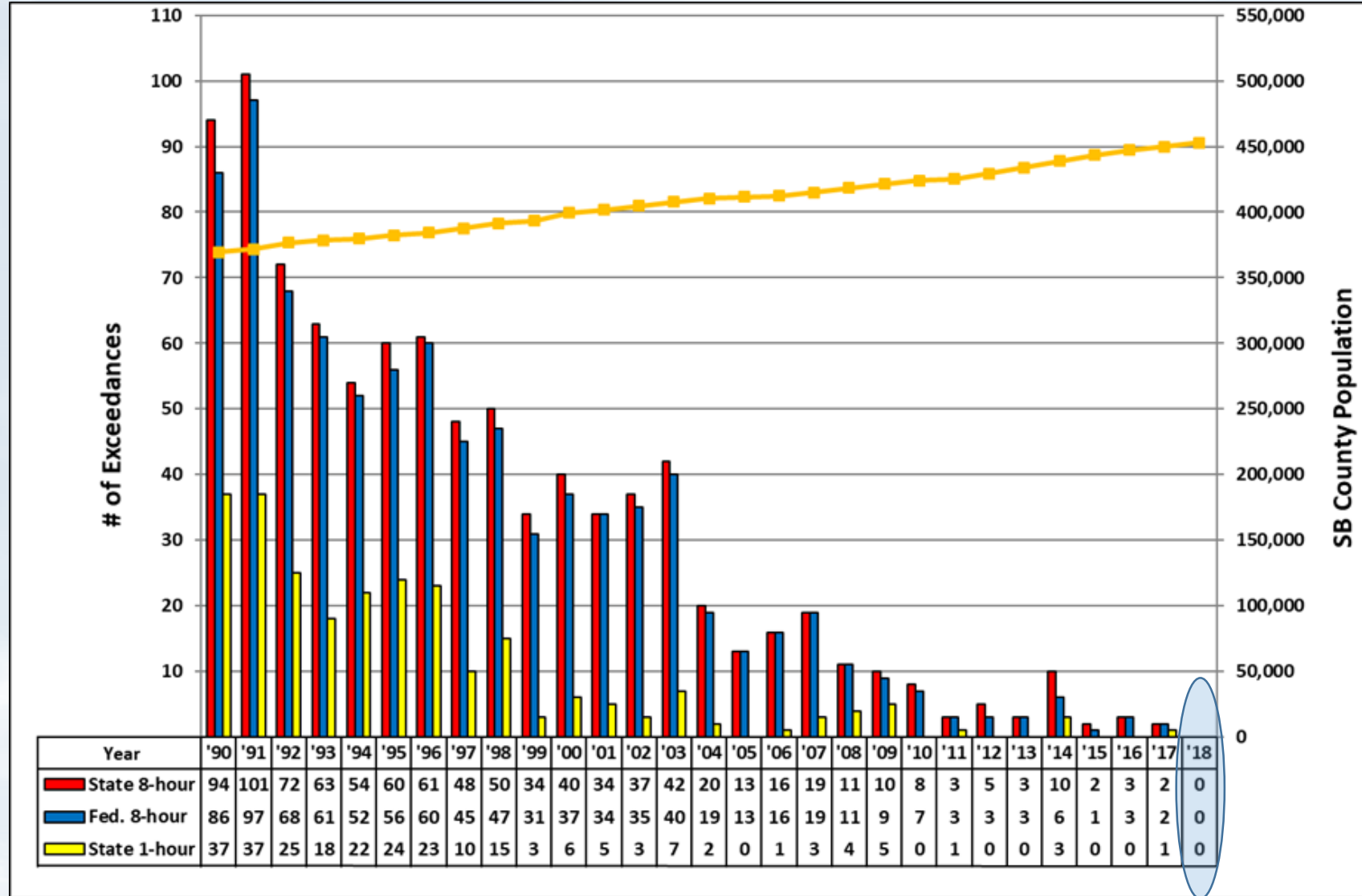
- Met all standards except for particulate matter  
(Zero days over the ozone standards)
- 27 days over the PM<sub>10</sub> 24 hour State standard of 50 ug/m<sup>3</sup>
- 4 Sites exceed the PM<sub>10</sub> annual State standard of 20 ug/m<sup>3</sup>
- 2 days over the PM<sub>2.5</sub> 24 hour Federal Standard of 35 ug/m<sup>3</sup>



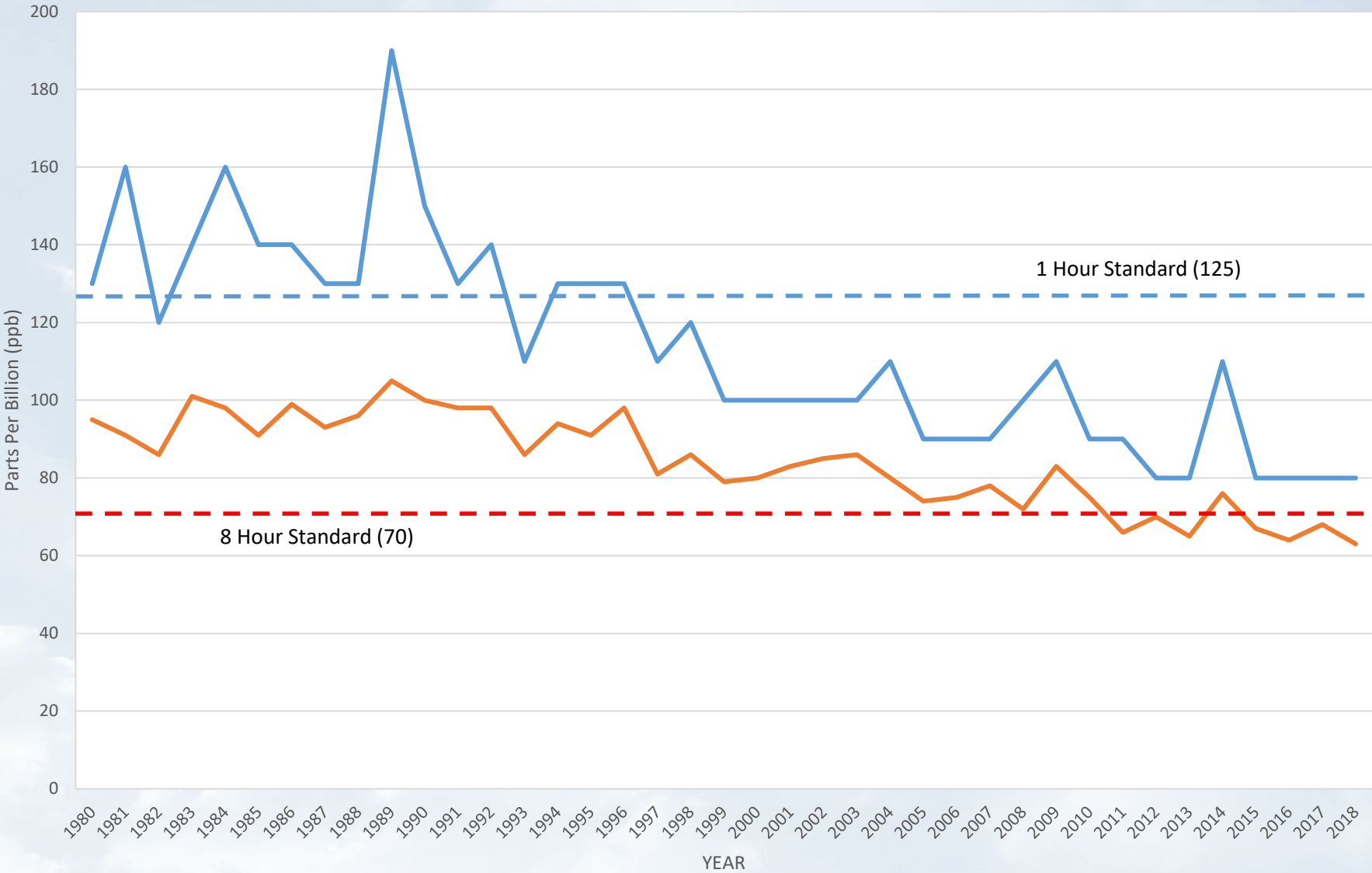
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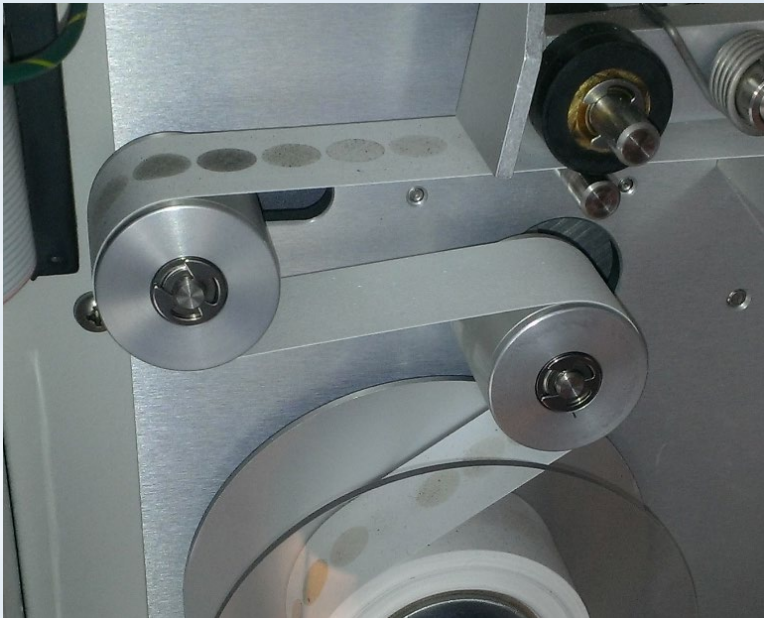
# Ozone Trends



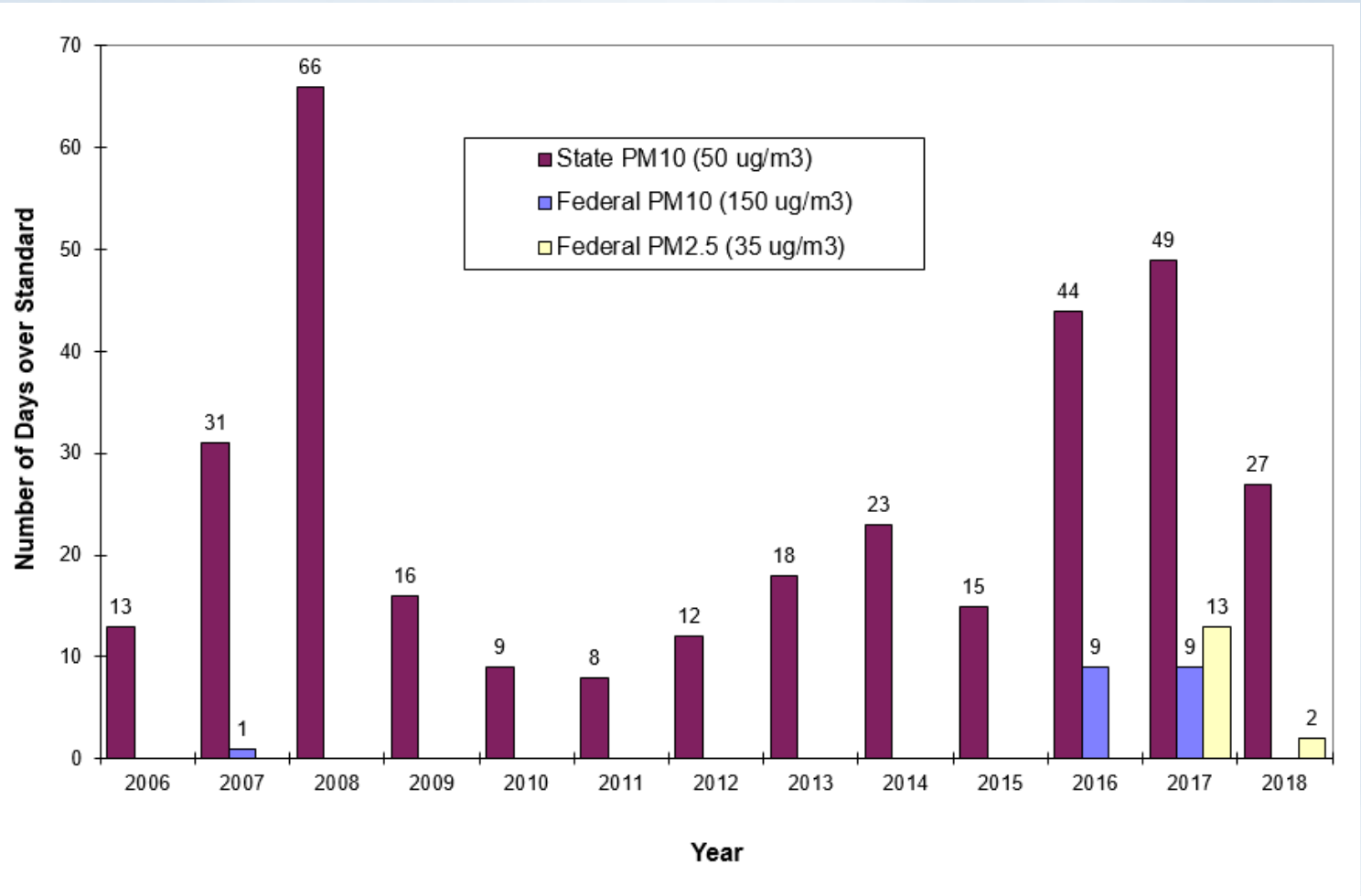
# Ozone Trends (continued)



- 2006 Everyday Sampling began
- 2007 Southern CA fires
- 2008 Tea Fire, Gap Fire
- 2016 Sherpa Fire, Canyon Fire
- 2017 Thomas Fire
- 2018 Smoke from Northern Cal Fires

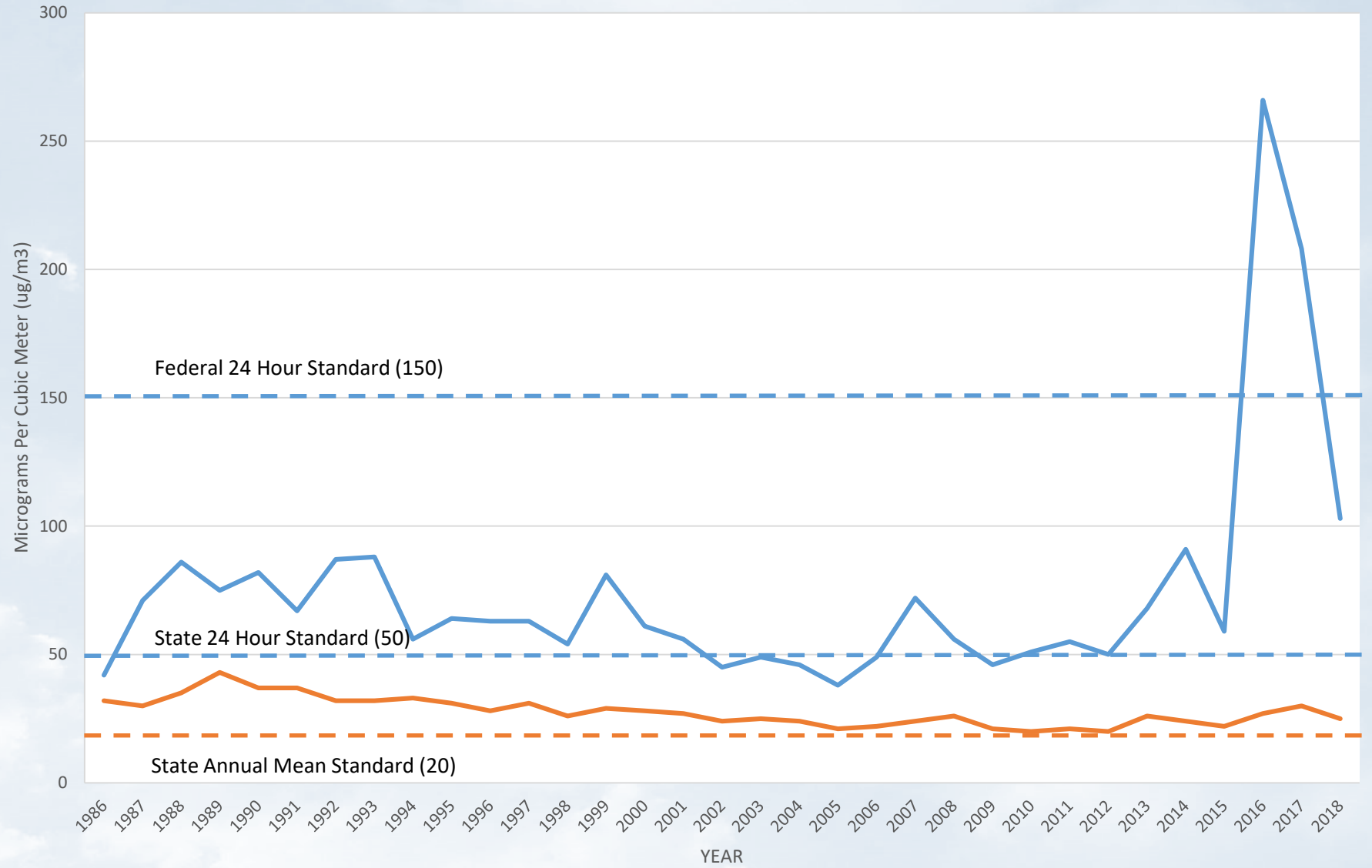


## Particulate Trends





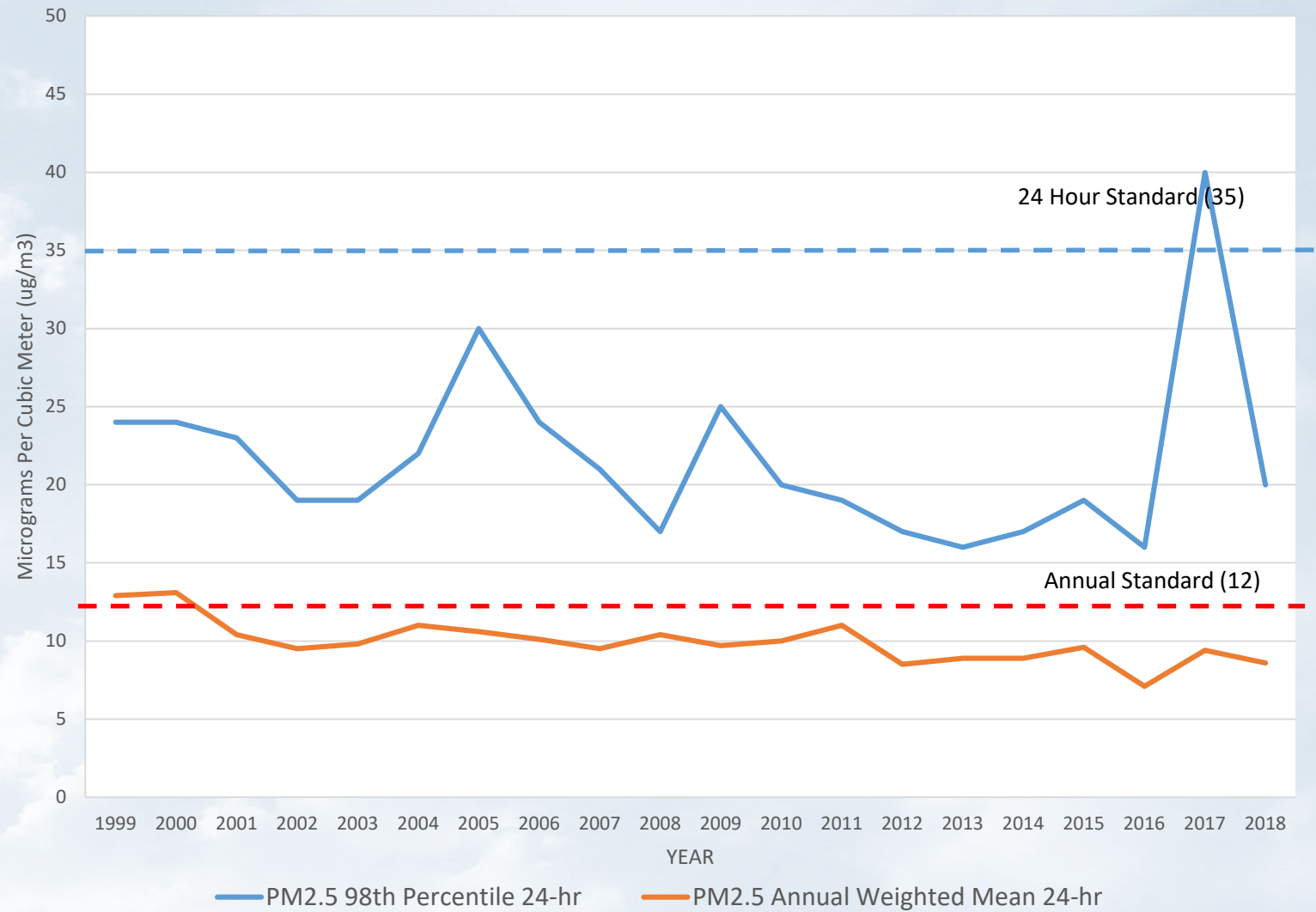
# PM<sub>10</sub> Trends



- 2017 – Thomas Fire
- 2018 – Northern California wildfires



## PM<sub>2.5</sub> Trends

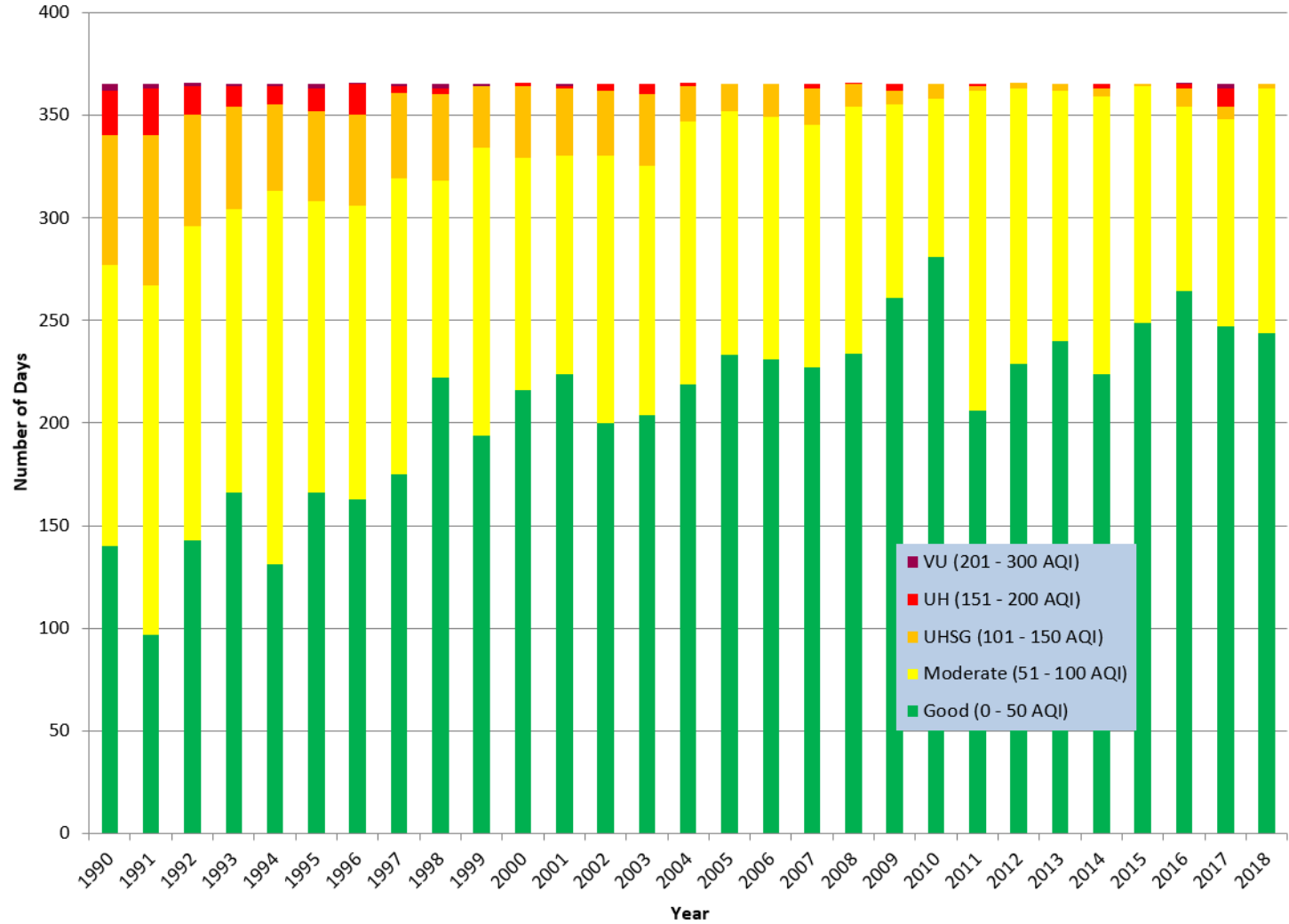




# AIR QUALITY INDEX

Air Quality Index (AQI) Values	Levels of Health Concern
0 to 50	Good
51-100	Moderate
101-150	Unhealthy for Sensitive Groups
151-200	Unhealthy
201-300	Very Unhealthy
301 to 500	Hazardous

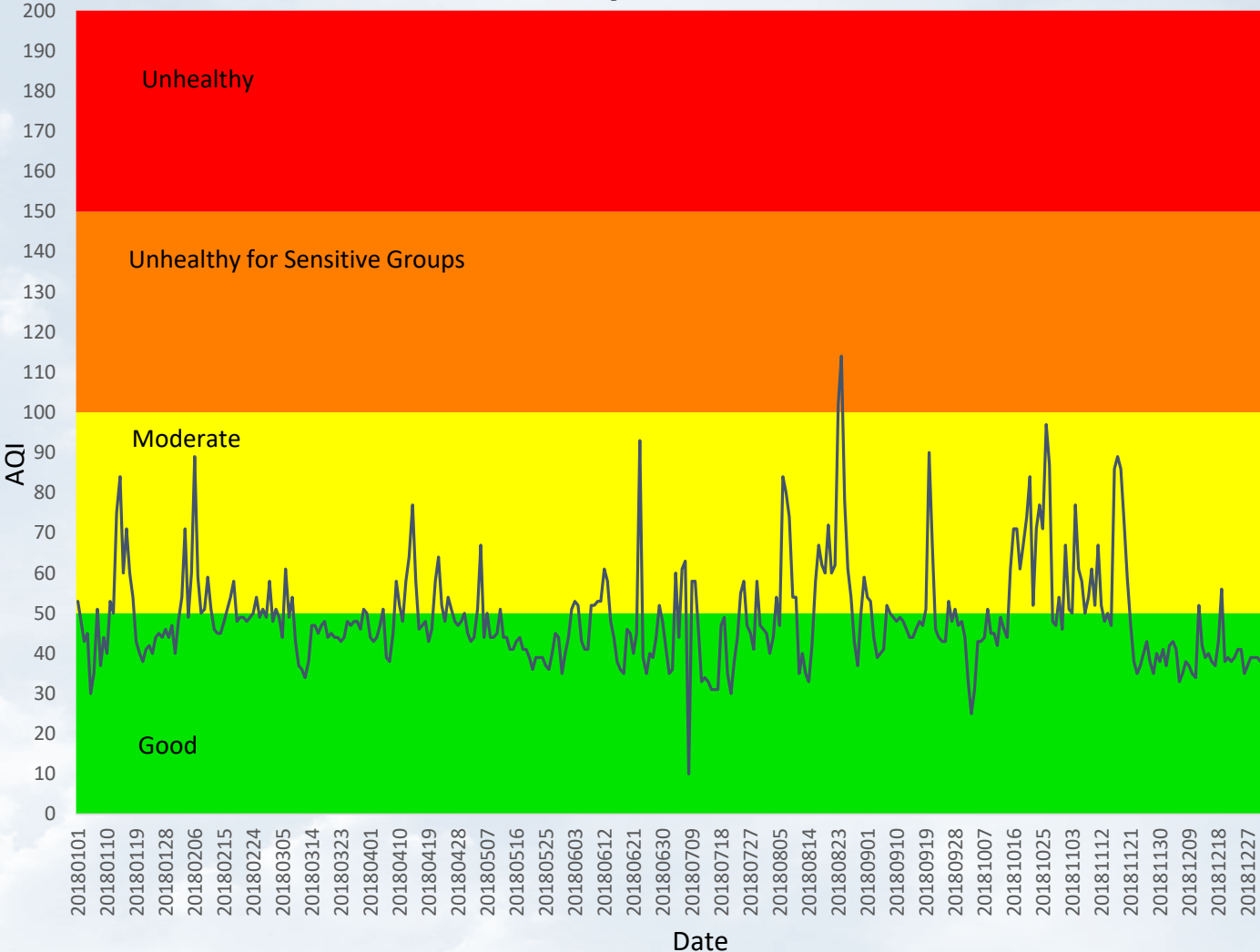
## Santa Barbara County AQI Trend



# Air Quality Index in 2018

## 2018 AQI Stats

- 244 Good days
- 119 Moderate days
  - 62 days Ozone
  - 50 days PM2.5
  - 7 days PM10
- 2 UHSG days
  - PM2.5
- No Unhealthy days



# Contact Information

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