

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

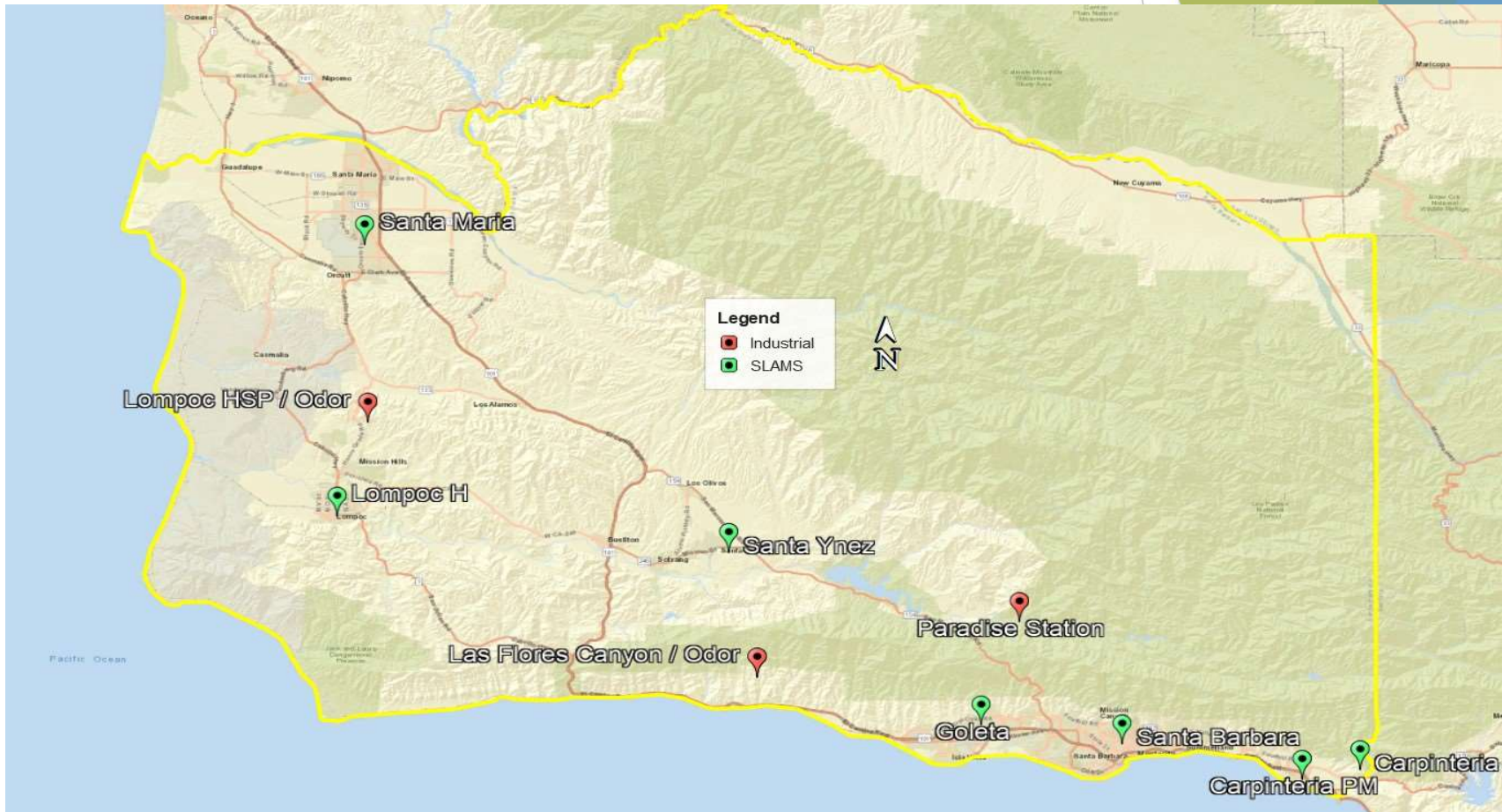
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Santa Barbara County Air Monitoring Network

12 Stations

- 9 - O₃
- 5 - NO₂
- 4 - SO₂
- 2 - CO
- 3 - Hydrocarbon
- 2 - H₂S
- 5 - PM₁₀
- 5 - PM_{2.5}
- 11 - MET locations



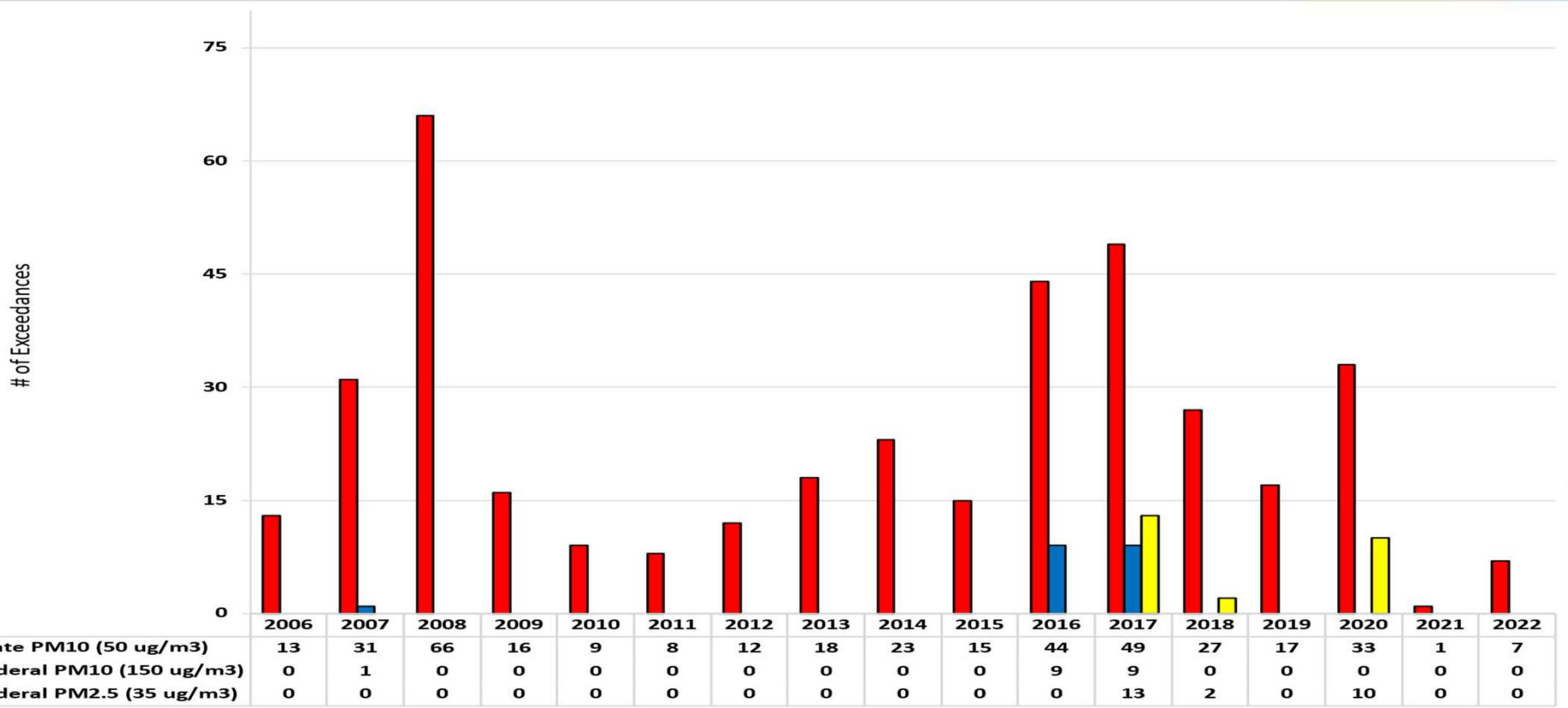
Santa Barbara County Air Monitoring Network

Station	O ₃	NO ₂	SO ₂	CO	THC	H ₂ S	TRS	PM ₁₀	PM _{2.5}	WS	WD	ATM
Carpinteria	X	X								X	X	X
Goleta	X							X	X	X	X	X
Las Flores Canyon	X	X	X	X	X	X		X		X	X	X
Lompoc H Street	X	X	X	X				X	X	X	X	X
Lompoc HS&P	X	X	X		X					X	X	X
Lompoc Odor						X	X			X	X	X
Paradise Road	X	X								X	X	X
Santa Barbara	X							X	X	X	X	X
Santa Maria (Q4 only)	X							X	X	X	X	X
Santa Ynez	X								X			
West Campus			X		X	X	X			X	X	
SLAMS Monitors						Non-NAAQS/Industrial Monitors						

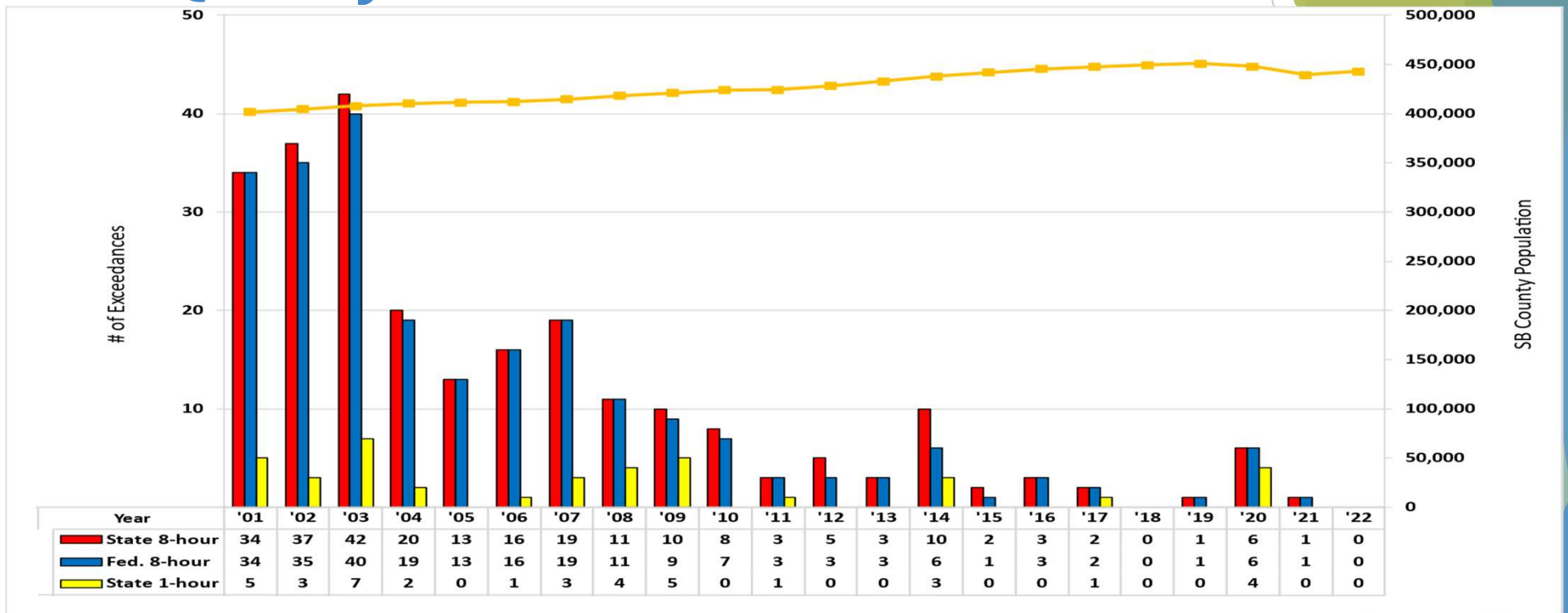
Santa Maria Air Monitoring Station



Air Quality Standards - PM



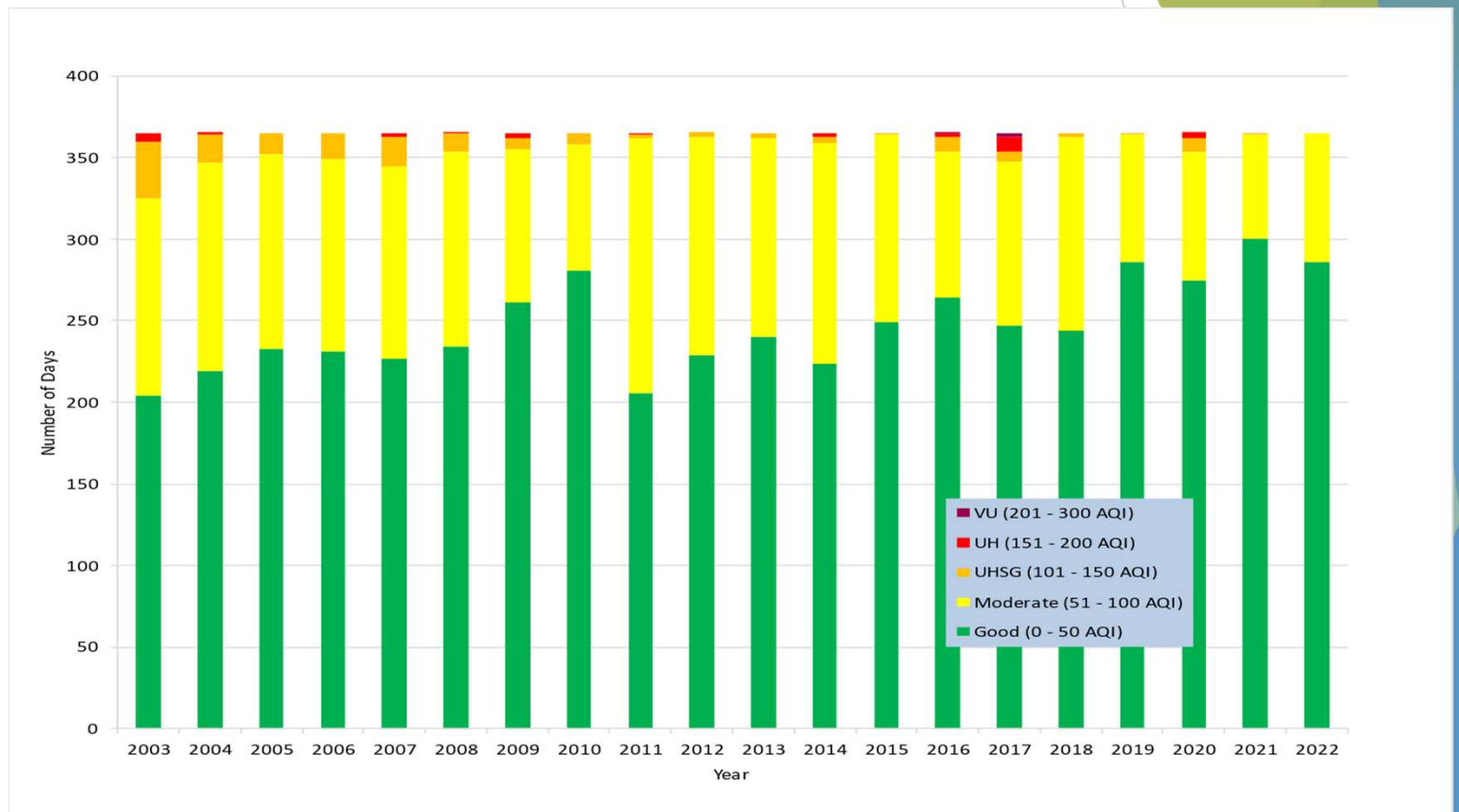
Air Quality Standards - Ozone



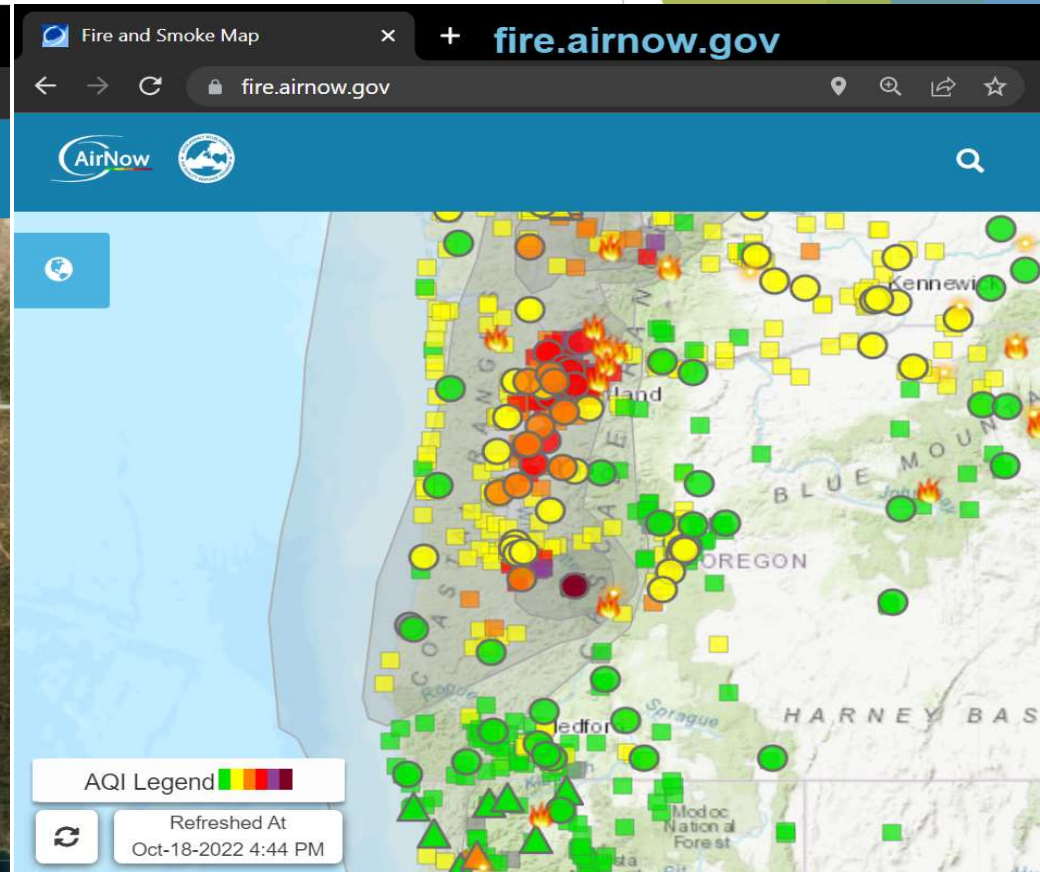
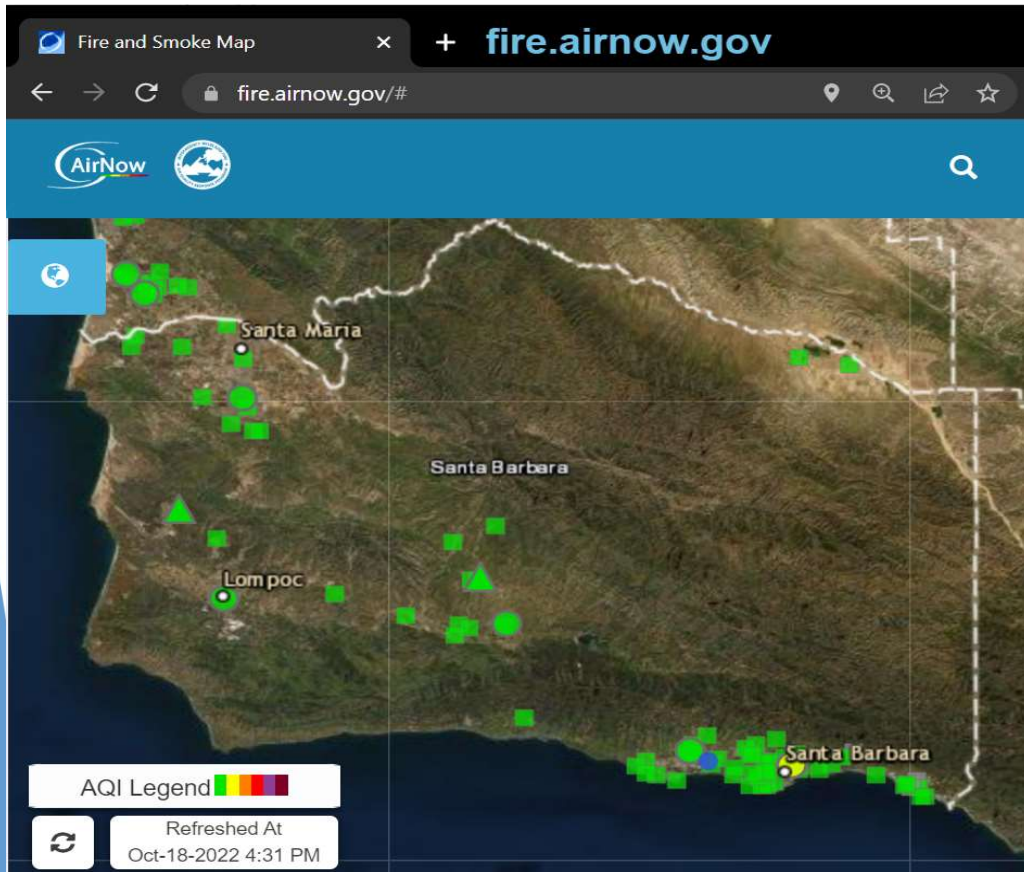
- 0 Days Exceeding the Federal and State 8-hour O₃ Standards
- 0 Days Exceeding the State 1-hour Standard
- Santa Barbara designated as nonattainment-transitional

Air Quality Index

- ▶ 286 Good Days
- ▶ 79 Moderate Days
- ▶ 0 Unhealthy for Sensitive Groups Day
- ▶ 0 Days Unhealthy and above



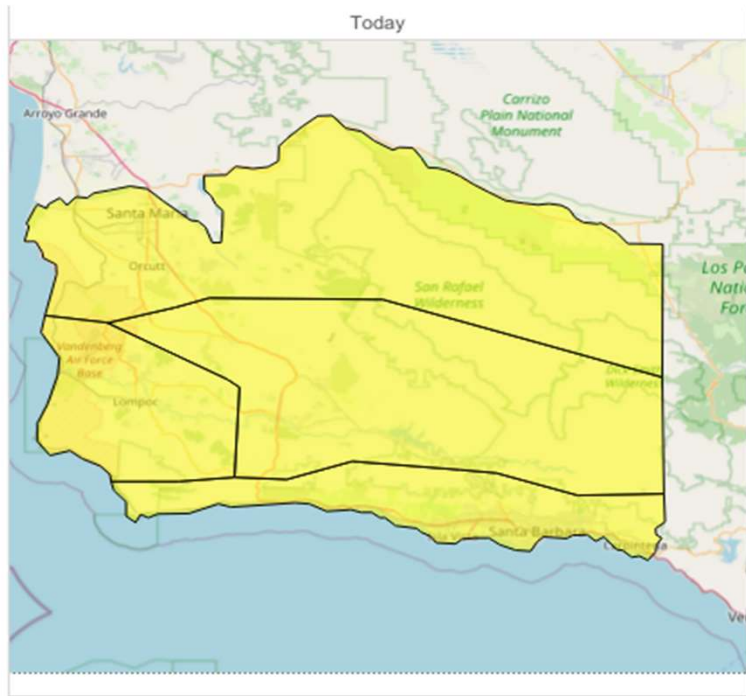
FIRE & SMOKE MAP



District Forecast Maps

Region

Forecast last updated on 10/9/2023



Region	October 10, 2023			October 11, 2023			October 12, 2023		
	Today			Tomorrow			The Next Day		
	Ozone	PM2.5	PM10	Ozone	PM2.5	PM10	Ozone	PM2.5	PM10
Lompoc Valley	Good	Good	Moderate	Good	Good	Good	Good	Good	Good
Santa Maria Valley and Cuyama	Good	Good	Moderate	Good	Good	Moderate	Good	Good	Good
Santa Ynez Valley	Good	Good	Moderate	Good	Good	Good	Good	Good	Good
South Coast	Good	Good	Moderate	Good	Good	Good	Good	Good	Good

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 O₃, NO₂, SO₂, and CO standards



Contact Information

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