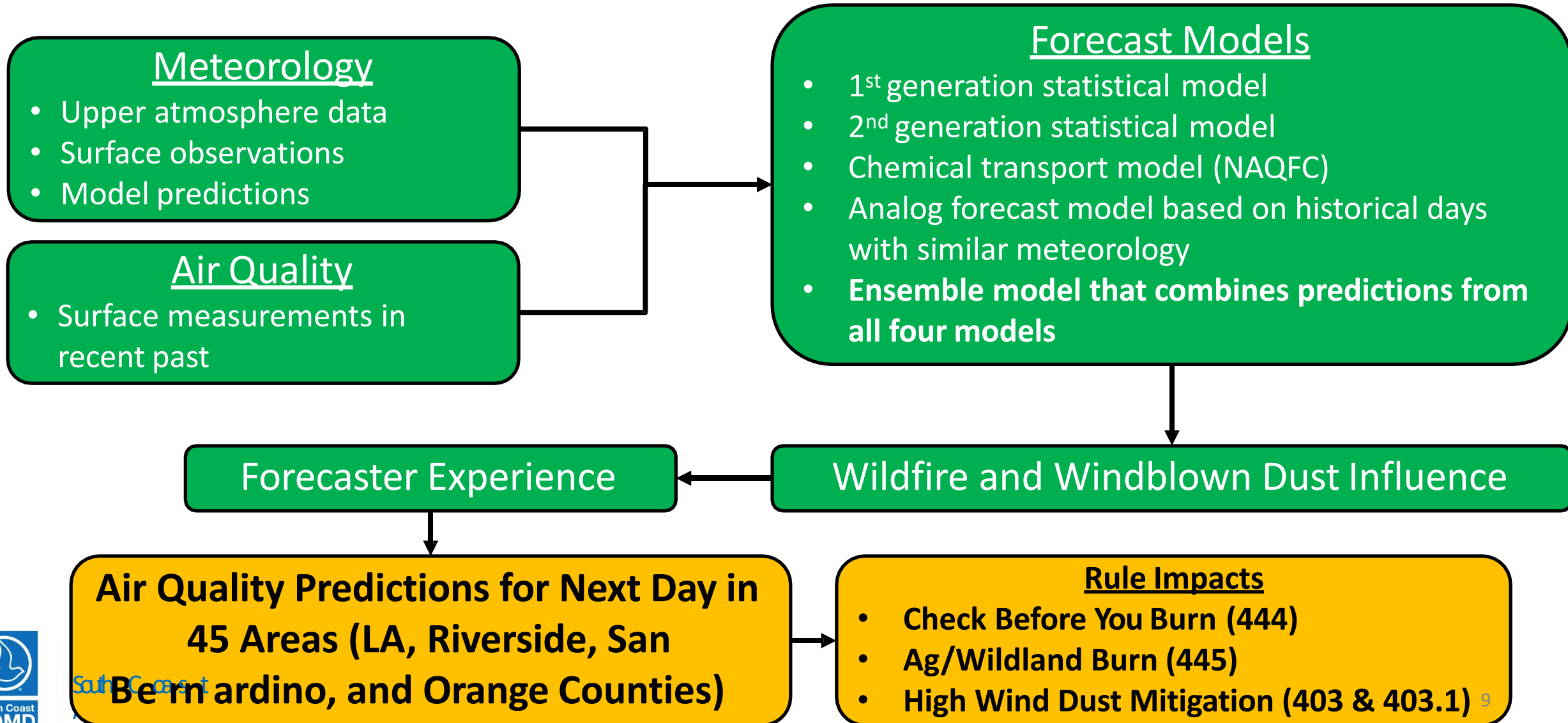


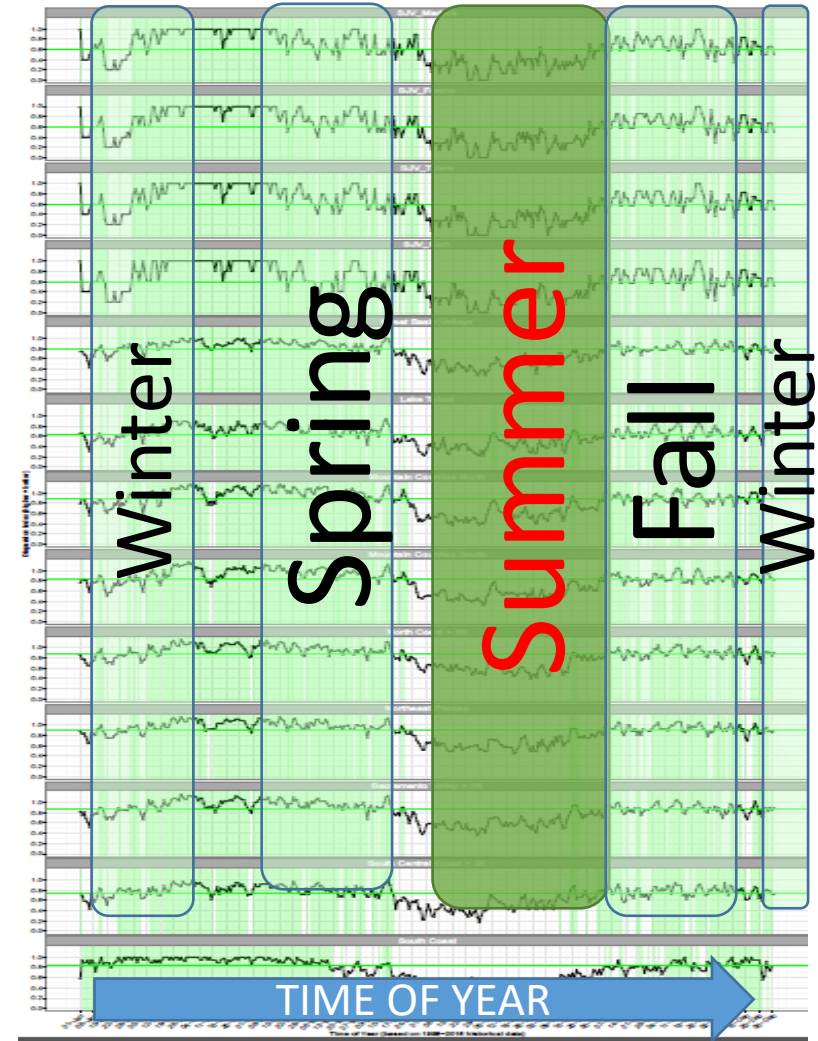
Air Quality Forecasting at South Coast AQMD



Monitoring, Modeling, and Messaging Applied Strategically in Time and Space

Prioritizing **When To Burn**

- Dispersion best in spring and fall across California air basins
 - Summer is less favorable
- We have daily-resolution “maps” of best dispersion days, based the seasonal burn day frequency of burn days for all CA air basins
 - (e.g. first few days of October are nearly always good burn days...we can plan for that!)
- Evaluate and address other constraints during these periods:
 - wildlife considerations (e.g., limited operating periods)
 - crew availability
 - public expectations



CAPLES SPOT FORECAST

Spot WX for the night of 10/9/2019

.TONIGHT...

Sky/weather.....Clear.

Min temperature.....33-38.

Max humidity.....27-32 percent.

Wind (20 ft).....

Slope/valley.....Northeast winds 10 to 16 mph with gusts to
around 22 mph.

Ridgetop.....East around 18 mph.

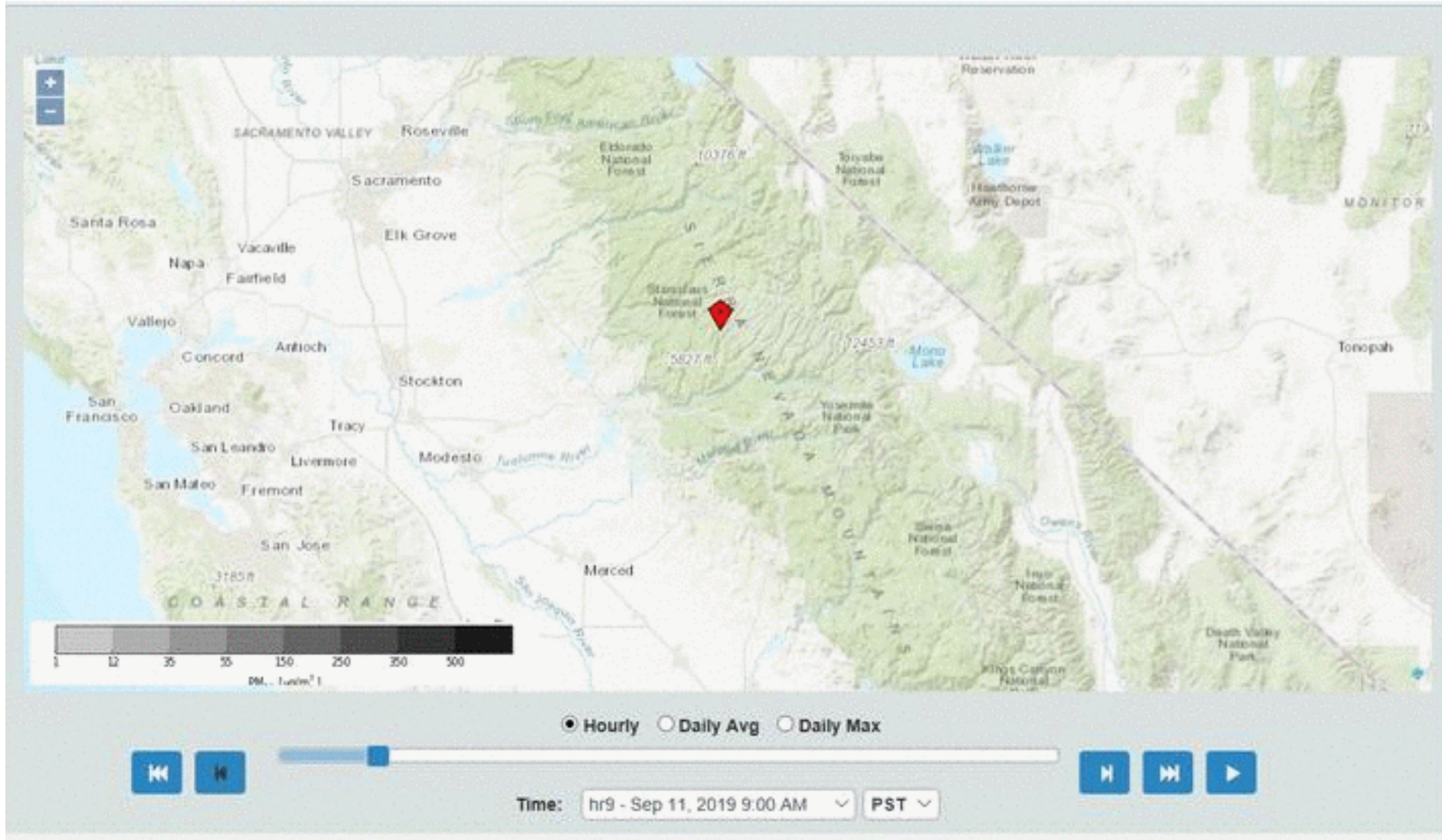
Mixing height.....3900 ft AGL decreasing to 100-600 ft AGL early
in the evening.

Transport winds.....East around 18 mph.

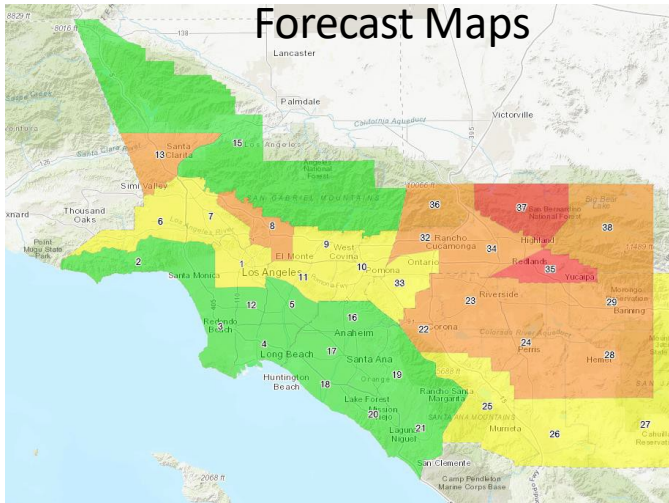
CWR.....0 percent.

LAL.....1.

SMOKE MANAGEMENT PLANNING



Forecast Dissemination



Automated Phone System

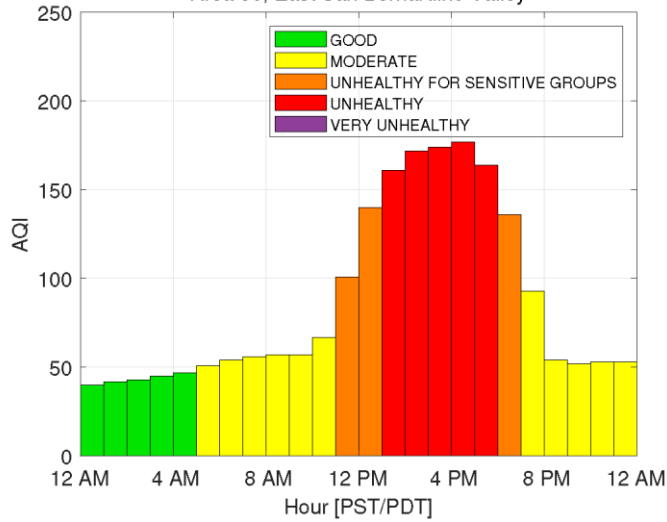


Forecast Valid Friday, July 26, 2019
Issue Date: Thursday, July 25, 2019

Area	Forecast Area	AQI	AQI Description	Pollutant	Cleanest Time of Day*
1	Central Los Angeles County	57	MODERATE	PM2.5	Similar all day
2	Northwest Coastal Los Angeles Co.	42	GOOD	PM2.5	Similar all day
3	Southwest Los Angeles County Co.	42	GOOD	PM2.5	Similar all day
4	South Coastal Los Angeles Co.	42	GOOD	PM2.5	Similar all day
5	Southeast Los Angeles Co.	42	GOOD	PM2.5	Similar all day
6	West San Fernando Valley	77	MODERATE	Ozone	Similar all day
7	East San Fernando Valley	71	MODERATE	Ozone	Similar all day
8	West San Gabriel Valley	101	UNHEALTHY FOR SENSITIVE GROUPS	Ozone	Cleanest from 6 AM to 11 AM
9	East San Gabriel Valley	97	MODERATE	Ozone	Cleanest from 6 PM to 10 PM
10	Pomona/Walnut Valley	84	MODERATE	Ozone	Cleanest from 6 AM to 12 PM
11	South San Gabriel Valley	58	MODERATE	Ozone	Similar all day
12	South Central Los Angeles Co.	42	GOOD	PM2.5	Similar all day
13	Santa Clarita Valley	105	UNHEALTHY FOR SENSITIVE GROUPS	Ozone	Cleanest from 6 AM to 11 AM
14	Antelope Valley	93	MODERATE	Ozone	Cleanest from 6 AM to 11 AM
15	San Gabriel Mountains	43	GOOD	Ozone	Similar all day
16	North Orange County	46	GOOD	Ozone	Similar all day
17	Central Orange County	44	GOOD	Ozone	Similar all day
18	North Coastal Orange County	37	GOOD	Ozone	Similar all day
19	Saddleback Valley	48	GOOD	Ozone	Similar all day
20	Central Coastal Orange County	42	GOOD	PM2.5	Similar all day
21	Capistrano Valley	44	GOOD	Ozone	Similar all day
22	Corona/Norco Area	108	UNHEALTHY FOR SENSITIVE GROUPS	Ozone	Cleanest from 6 PM to 10 PM
23	Metropolitan Riverside County	133	UNHEALTHY FOR SENSITIVE GROUPS	Ozone	Cleanest from 6 AM to 12 PM
24	Perris Valley	115	UNHEALTHY FOR SENSITIVE GROUPS	Ozone	Cleanest from 6 AM to 11 AM
25	Lake Elsinore Area	61	MODERATE	Ozone	Similar all day
26	Temecula Valley	51	MODERATE	Ozone	Similar all day
27	Anza Area	61	MODERATE	Ozone	Similar all day
28	Hemet/San Jacinto Valley	108	UNHEALTHY FOR SENSITIVE GROUPS	Ozone	Cleanest from 6 AM to 12 PM
29	Banning/San Geronimo Pass	136	UNHEALTHY FOR SENSITIVE GROUPS	Ozone	Cleanest from 6 AM to 11 AM
30	Coachella Valley	87	MODERATE	Ozone	Similar all day
31	East Riverside County	87	MODERATE	Ozone	Similar all day
32	Northwest San Bernardino Valley	129	UNHEALTHY FOR SENSITIVE GROUPS	Ozone	Cleanest from 6 AM to 12 PM
33	Southwest San Bernardino Valley	100	MODERATE	Ozone	Cleanest from 6 PM to 10 PM
34	Central San Bernardino Valley	147	UNHEALTHY FOR SENSITIVE GROUPS	Ozone	Cleanest from 6 AM to 12 PM
35	East San Bernardino Valley	166	UNHEALTHY	Ozone	Cleanest from 6 AM to 11 AM
36	West San Bernardino Mountains	112	UNHEALTHY FOR SENSITIVE GROUPS	Ozone	Cleanest from 6 AM to 12 PM
37	Central San Bernardino Mountains	159	UNHEALTHY	Ozone	Cleanest from 6 AM to 12 PM
38	East San Bernardino Mountains	143	UNHEALTHY FOR SENSITIVE GROUPS	Ozone	Cleanest from 6 AM to 12 PM
39	Phelan	105	UNHEALTHY FOR SENSITIVE GROUPS	Ozone	Cleanest from 6 AM to 12 PM
40	Hesperia	133	UNHEALTHY FOR SENSITIVE GROUPS	Ozone	Cleanest from 6 AM to 12 PM
41	Trona	61	MODERATE	Ozone	Similar all day
42	Victorville	105	UNHEALTHY FOR SENSITIVE GROUPS	Ozone	Cleanest from 6 AM to 12 PM
43	Yucca Valley	87	MODERATE	Ozone	Similar all day
44	Barstow	80	MODERATE	Ozone	Similar all day
45	Twentynine Palms	101	UNHEALTHY FOR SENSITIVE GROUPS	Ozone	Similar all day



Forecast Valid Friday, July 26, 2019
Area 35, East San Bernardino Valley



AirAlerts.org

