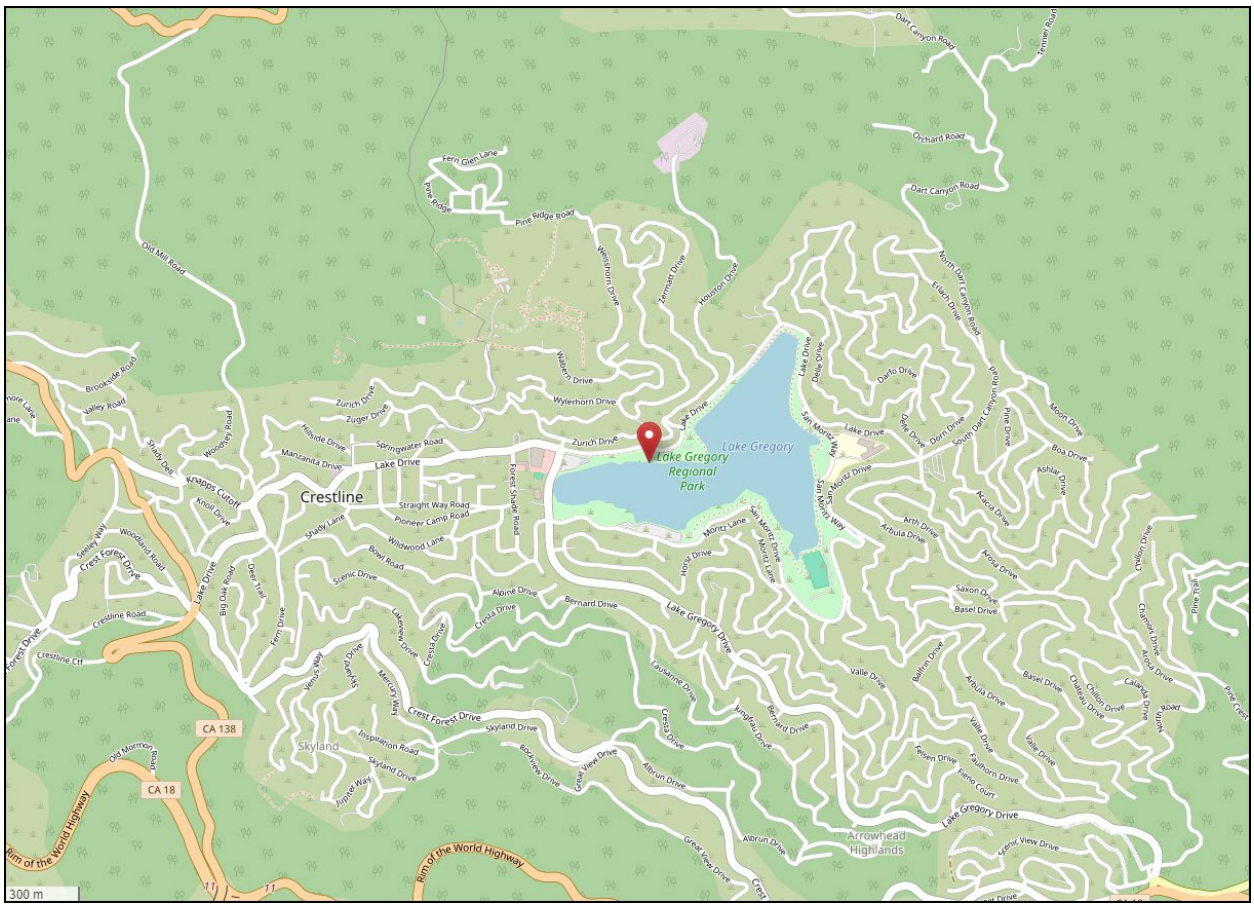
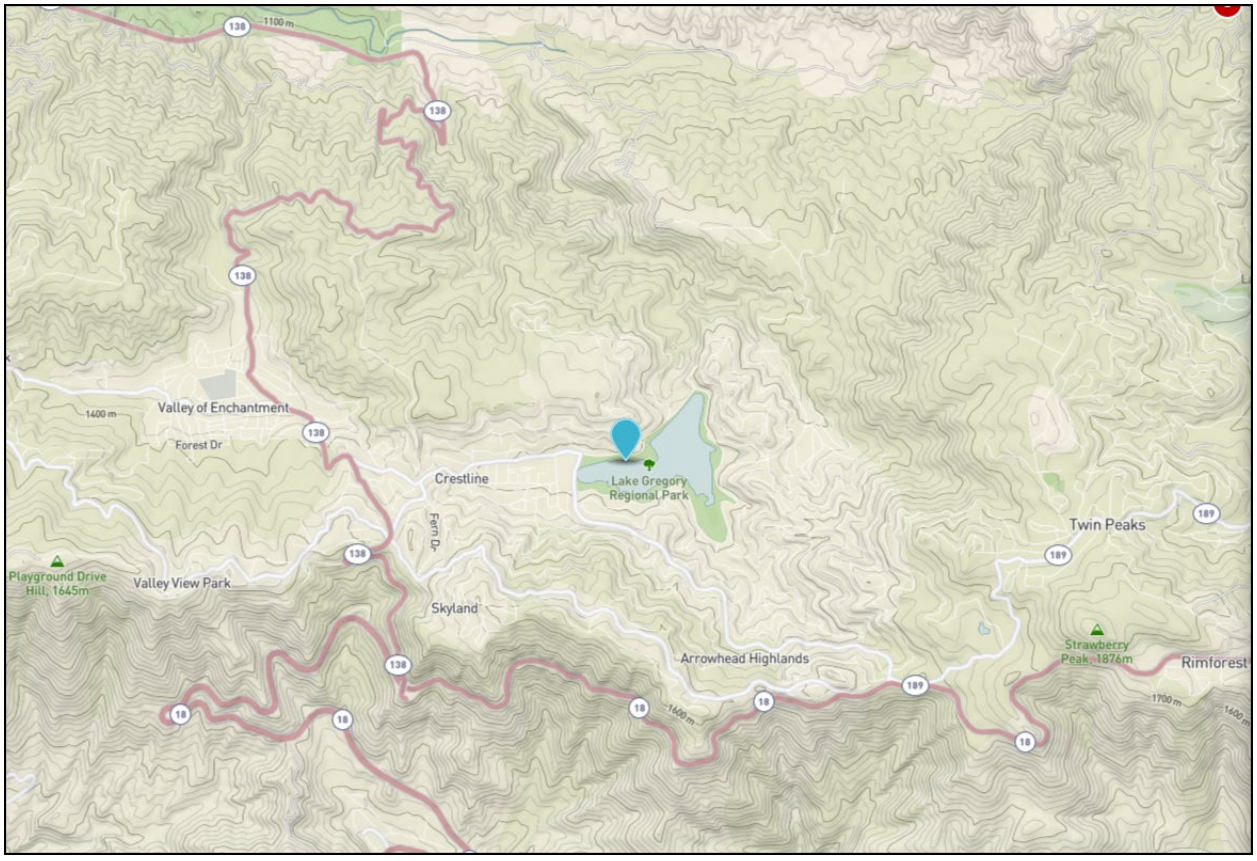
South Coast AQMD
Site Survey Report for Central San Bernardino Mountains
Last updated: May 7, 2024



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060710005	36181	10/1973	South Coast AQMD (0972)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
24171 Lake Drive Crestline, CA 92325	San Bernardino	South Coast	34.243100	-117.272350	1387


138
1100 m
138
138
1400 m
Valley of Enchantment
Forest Dr
138
Crestline
Lake Gregory
Regional Park
Fern Dr
189
Twin Peaks
189
Playground Drive
Hill, 1645m
Valley View Park
138
Skyland
Strawberry
Peak, 1876m
Rimforest
Arrowhead Highlands
138
189
1700 m
18
18
18
1400 m
18
18

Detailed Site Information

Local site name	Central San Bernardino Mountains
AQS ID	060710005
GPS coordinates (decimal degrees)	Latitude: 34.243100, Longitude: -117.272350
Street Address	24171 Lake Drive, Crestline, CA 92325
County	San Bernardino
Distance to roadways (meters)	55
Traffic count (AADT, year)	5114 / 2022
Groundcover (e.g. asphalt, dirt, sand)	Grass/Weeds
Representative statistical area name (i.e. MSA, CBSA, other)	40140-Riverside-San Bernardino-Ontario, CA MSA

Pollutant, POC	Ozone, 1	PM10, 1	Continuous PM2.5, 3	
Primary / QA Collocated / Other	N/A	Primary	Other	
Parameter code	44201	81102	88502	
Basic monitoring objective(s)	NAAQS	NAAQS	General Public Info	
Site type(s)	Highest Concentration	Population Exposure	Population Exposure	
Monitor (type)	SLAMS	SLAMS	Other	
Network Affiliation	N/A	N/A	N/A	
Instrument manufacturer and model	Teledyne T400	Tisch SSI TE-PM10PLUS-BL	Met One BAM 1022	
Method code	087	141	171	
FRM/FEM/ARM/ other	FEM	FRM	Non-FEM	
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Analytical Lab (i.e., weigh lab, toxics lab, other)	N/A	South Coast AQMD	N/A	
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	
Monitoring start date (MM/DD/YYYY)	10/01/1973	01/1985	07/24/2009	
Current sampling frequency (e.g.1:3, continuous)	Continuous	1:6	Continuous	
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	1:6	N/A	
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	
Probe height (meters)	4.8	2.5	3.2	
Distance from supporting structure (meters)	N/A	N/A	N/A	
Distance from obstructions on roof (meters)	N/A	N/A	N/A	

Distance from obstructions not on roof (meters)	N/A	N/A	N/A	
Distance from trees (meters)	10 Hight ~15 M	10 Hight ~15 M	10 Hight ~15 M	
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	
Distance between collocated monitors (meters)	N/A	N/A	N/A	
Unrestricted airflow (degrees)	225°	225°	225°	
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon	N/A	N/A	
Residence time for reactive gases (seconds)	17.0	N/A	N/A	
Will there be changes within the next 18 months? (Y/N)	No	No	No	
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	
Frequency of flow rate verification for manual PM samplers	N/A	Monthly	N/A	
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	Monthly	
Frequency of one-point QC check for gaseous instruments	Nightly	N/A	N/A	
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	05/26/2023	N/A	N/A	
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	04/11/2023 09/13/2023	04/11/2023 09/13/2023	

Pollutant, POC	WS & D, 1/1	RH/T, 1/1		
Primary / QA Collocated / Other	N/A	N/A		
Parameter code	61101/61102	62201/62101		
Basic monitoring objective(s)	Research	Research		
Site type(s)	Meteorological	Meteorological		
Monitor (type)	SLAMS	SLAMS		
Network Affiliation	N/A	N/A		
Instrument manufacturer and model	RM Young 05305V	Rotronic HC2-S3		
Method code	065/065	063/063		
FRM/FEM/ARM/ other	N/A	N/A		
Collecting Agency	South Coast AQMD	South Coast AQMD		
Analytical Lab (i.e., weigh lab, toxics lab, other)	N/A	N/A		
Reporting Agency	South Coast AQMD	South Coast AQMD		
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood		
Monitoring start date (MM/DD/YYYY)	10/1973	10/1973		
Current sampling frequency (e.g.1:3, continuous)	Continuous	Continuous		
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A		
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31		
Probe height (meters)	10.0	9.0		
Distance from supporting structure (meters)	N/A	N/A		
Distance from obstructions on roof (meters)	N/A	N/A		
Distance from obstructions not on roof (meters)	N/A	N/A		
Distance from trees (meters)	15 Hight ~15 M	10 Hight ~15 M		
Distance to furnace or incinerator flue (meters)	N/A	N/A		
Distance between collocated monitors (meters)	N/A	N/A		
Unrestricted airflow (degrees)	225°	225°		

Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A		
Residence time for reactive gases (seconds)	N/A	N/A		
Will there be changes within the next 18 months? (Y/N)	No	No		
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A		
Frequency of flow rate verification for manual PM samplers	N/A	N/A		
Frequency of flow rate verification for automated PM analyzers	N/A	N/A		
Frequency of one-point QC check for gaseous instruments	N/A	N/A		
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A		
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A		

Central San Bernardino Mountains
Site Photos

Looking North from the probe.

Looking East from the probe.

Looking South from the probe.

Looking West from the probe.

Central San Bernardino Mountains
Site Photos (Cont.)

Looking at the probe from the North.

Looking at the probe from the East.

Looking at the probe from the South

Looking at the probe from the West.