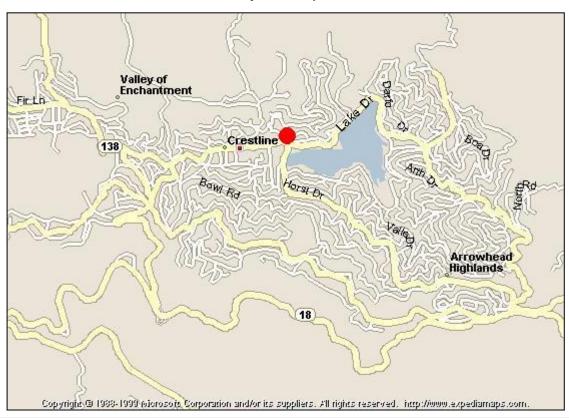
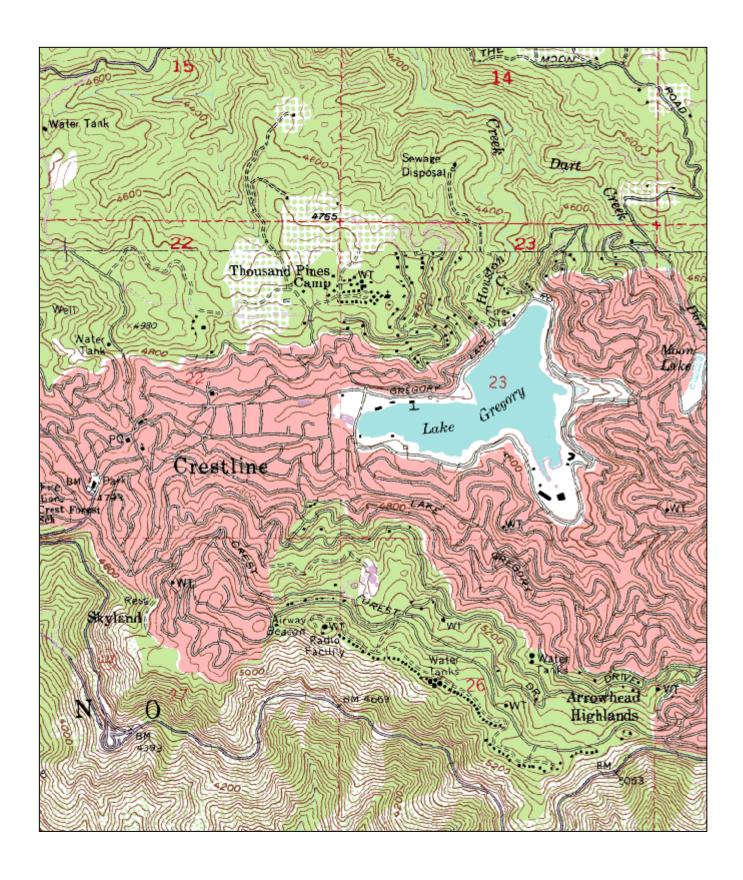
South Coast AQMD Site Survey Report for Central San Bernardino Mountains

Last updated: May 13, 2023



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



Detailed Site Information

AQS ID	Local site name		Central San Bernardino Mountains				
Street Address							
Street Address							
San Bernardino Distance to roadways (meters) 55							
Distance to roadways (meters) 55	County						
State Concentration Conc							
Groundcover (e.g. asphalt, dirt, sand)			< 8,000 /	2012			
Representative statistical area name (i.e. MSA, CBSA, other)		,					
Representative statistical area name (i.e. MSA, CBSA, other)	(e.g. asphalt, dirt, sand)						
Pollutant, POC			40140-Ri	verside-San Bernardino-G	Ontario, CA MSA		
Primary QA Collocated / Other	(i.e. MSA, CBSA, other	r)					
Collocated / 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 Teledyne T400 Sierra Andersen 1200 Met One BAM 1022 manufacturer and model SSI Met One BAM 1022 Method code 087 663 171 FRM/FEM/ARM/ other FEM FRM Non-FEM Analytical Lab (i.e., weigh lab, toxics lab, other) N/A South Coast AQMD South Coast AQMD Spatial scale (e.g. micro, neighborhood) Neighborhood Neighborhood Neighborhood Monitoring start date (MM/DD/YYYY) 1:1 1:6 1:1 Current sampling frequency (e.g. 1:3, continuous) 1:1 1:6 N/A Calculated sampling season (MM/DD-MM/DD) 01/01-12/31 01/01-12/31 01/01-12/31 Obstance from obstructions on	Pollutant, POC	Ozone, 1		PM10, 1	Continuous PM2.5, 3		
Parameter code	Primary / QA	N/A		Primary	Other		
Basic monitoring objective(s) NAAQS NAAQS General Public Info	Collocated / Other			·			
objective(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 Sierra Andersen 1200 Met One BAM 1022 Method code 087 063 171 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) South Coast AQMD N/A N/A Reporting Agency South Coast AQMD South Coast AQMD N/A Spatial scale (e.g. micro, neighborhood) Neighborhood Neighborhood Neighborhood Monitoring start date (MM/DD/YYYY) 10/01/1973 01/1985 07/24/2009 Calculated sampling frequency (e.g. 1:3, continuous) 1:1 1:6 1:1 Calculated sampling frequency (e.g. 1:3/1:1) 4.8 2.5 3.2 Sampling season (MM/DD-MM/DD) 4.8 2.5 3.2 Distance f	Parameter code	44201		81102	88502		
Site type(s)	Basic monitoring	NAAQS		NAAQS	General Public Info		
Monitor (type) SLAMS SLAMS Other							
Monitor (type) SLAMS SLAMS N/A N	Site type(s)			Population Exposure	Population Exposure		
Network Affiliation N/A N/A N/A N/A N/A			n				
Instrument manufacturer and model Met One BAM 1022		SLAMS					
manufacturer and model Method code Reporting Agency South Coast AQMD N/A South Coast AQMD N/A South Coast AQMD South Coast AQMD South Coast AQMD South Coast AQMD Neighborhood Neighborhood Neighborhood Neighborhood Neighborhood Neighborhood Neighborhood South Coast AQMD Neighborhood Neighborh	Network Affiliation						
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Continuous) N/A 1:6 N/A Calculated sampling frequency (e.g. 1:3/1:1) 01/01-12/31 01/01-12/31 Sampling season (MM/DD-MM/DD) 01/01-12/31 01/01-12/31 Probe height (meters) 4.8 2.5 3.2 Distance from supporting structure (meters) 1.9 1.5 2.2 Distance from obstructions on roof N/A N/A N/A		1:1		1:6	1:1		
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) 1.9 1.5 2.2 Distance from obstructions on roof N/A N/A N/A							
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(e.g. 1:3/1:1) 01/01-12/31 01/01-12/31 01/01-12/31 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) 1.9 1.5 2.2 Distance from obstructions on roof N/A N/A N/A		IN/A		1.0	11/71		
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) 1.9 1.5 2.2 Distance from obstructions on roof N/A N/A N/A							
(MM/DD-MM/DD) 2.5 Probe height (meters) 4.8 Distance from supporting structure (meters) 1.9 Distance from obstructions on roof N/A N/A N/A N/A		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) Distance from obstructions on roof N/A N/A N/A		01/01-12/31		01/01-12/31	01/01-12/31		
Distance from supporting structure (meters) Distance from obstructions on roof 1.9 1.5 2.2 N/A N/A N/A	,	4.8		2.5	3.2		
supporting structure (meters) Distance from N/A N/A N/A Obstructions on roof							
(meters) Distance from N/A N/A N/A Obstructions on roof		1.7		1.5	2.2		
Distance from obstructions on roof N/A N/A N/A N/A							
obstructions on roof		N/A		N/A	N/A		
(HICLEIS)	(meters)						

Distance from	N/A	N/A	N/A	
obstructions not on	IN/A	IV/A	IV/A	
roof (meters)				
Distance from trees	10	10	10	
(meters)	10	10	10	
Distance to furnace or	N/A	N/A	N/A	
incinerator flue	IN/A	IV/A	IV/A	
(meters)				
Distance between	N/A	N/A	N/A	
collocated monitors	IV/A	11/14	IV/A	
(meters)				
Unrestricted airflow	225°	225°	225°	
(degrees)	223	223	223	
Probe material for	Teflon	N/A	N/A	
reactive gases	Terion	14/11	14/21	
(e.g. Pyrex, stainless				
steel, Teflon)				
Residence time for	12.4	N/A	N/A	
reactive gases	12	1,712	1,11	
(seconds)				
Will there be changes	No	No	No	
within the next 18				
months? (Y/N)				
Is it suitable for	N/A	N/A	N/A	
comparison against				
the annual PM2.5?				
(Y/N)				
Frequency of flow	N/A	Monthly	N/A	
rate verification for				
manual PM samplers				
Frequency of flow	N/A	N/A	Monthly	
rate verification for				
automated PM				
analyzers				
Frequency of one-	Nightly	N/A	N/A	
point QC check for				
gaseous instruments	05/06/0000	37/4	27/4	
Last Annual	05/26/2022	N/A	N/A	
Performance				
Evaluation for				
gaseous parameters				
(MM/DD/YYYY) Last two semi-annual	NT/A	05/10/2022	*I	
flow rate audits for	N/A	05/12/2022 10/12/2022	*Instrument at	
PM monitors		10/12/2022	MetOne for repair 10/12/2022	
(MM/DD/YYYY,			10/12/2022	
MM/DD/YYYY)				
IVIIVI/DD/IIII)	L			

Pollutant, POC	WS & D, 1/1	RH/T, 1/1	
Primary / QA Collocated / Other	N/A	N/A	
	C1101/C1102	(2201/(2101	
Parameter code	61101/61102 Research	62201/62101 Research	
Basic monitoring	Research	Research	
objective(s)			
Site type(s)	Meteorological	Meteorological	
Monitor (type)	SLAMS	SLAMS	
Network Affiliation	N/A	N/A	
Instrument	RM Young 05305V	Rotronic HC2-S3	
manufacturer and			
model			
Method code	065/065	063/063	
FRM/FEM/ARM/	N/A	N/A	
other			
Collecting Agency	South Coast AQMD	South Coast AQMD	
Analytical Lab (i.e.,	N/A	N/A	
weigh lab, toxics lab,			
other)			
Reporting Agency	South Coast AQMD	South Coast AQMD	
Spatial scale (e.g.	Neighborhood	Neighborhood	
micro, neighborhood)			
Monitoring start date	10/1973	10/1973	
(MM/DD/YYYY)			
Current sampling	Continuous	Continuous	
frequency (e.g.1:3,			
continuous)			
Calculated sampling	1:1	1:1	
frequency			
(e.g. 1:3/1:1)			
Sampling season	01/01-12/31	01/01-12/31	
(MM/DD-MM/DD)			
Probe height (meters)	10.0	9.0	
Distance from	N/A	N/A	
supporting structure			
(meters)			
Distance from	N/A	N/A	
obstructions on roof			
(meters)			
Distance from	N/A	N/A	
obstructions not on			
roof (meters)			
Distance from trees	15	10	
(meters)			
Distance to furnace or	N/A	N/A	
incinerator flue			
(meters)			
Distance between	N/A	N/A	
collocated monitors			
(meters)			
Unrestricted airflow	225°	225°	
(degrees)			

	T = =	T : T	1
Probe material for	N/A	N/A	
reactive gases			
(e.g. Pyrex, stainless			
steel, Teflon)			
Residence time for	N/A	N/A	
reactive gases			
(seconds)			
Will there be changes	No	No	
within the next 18			
months? (Y/N)			
Is it suitable for	N/A	N/A	
comparison against			
the annual PM2.5?			
(Y/N)			
Frequency of flow	N/A	N/A	
rate verification for			
manual PM samplers			
Frequency of flow	N/A	N/A	
rate verification for			
automated PM			
analyzers			
Frequency of one-	N/A	N/A	
point QC check for	1,711	1 1/12	
gaseous instruments			
Last Annual	N/A	N/A	
Performance			
Evaluation for			
gaseous parameters			
(MM/DD/YYYY)			
Last two semi-annual	N/A	N/A	
flow rate audits for	- "	- "	
PM monitors			
(MM/DD/YYYY,			
MM/DD/YYYY)			
141141/DD/1111)	1	1	

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.