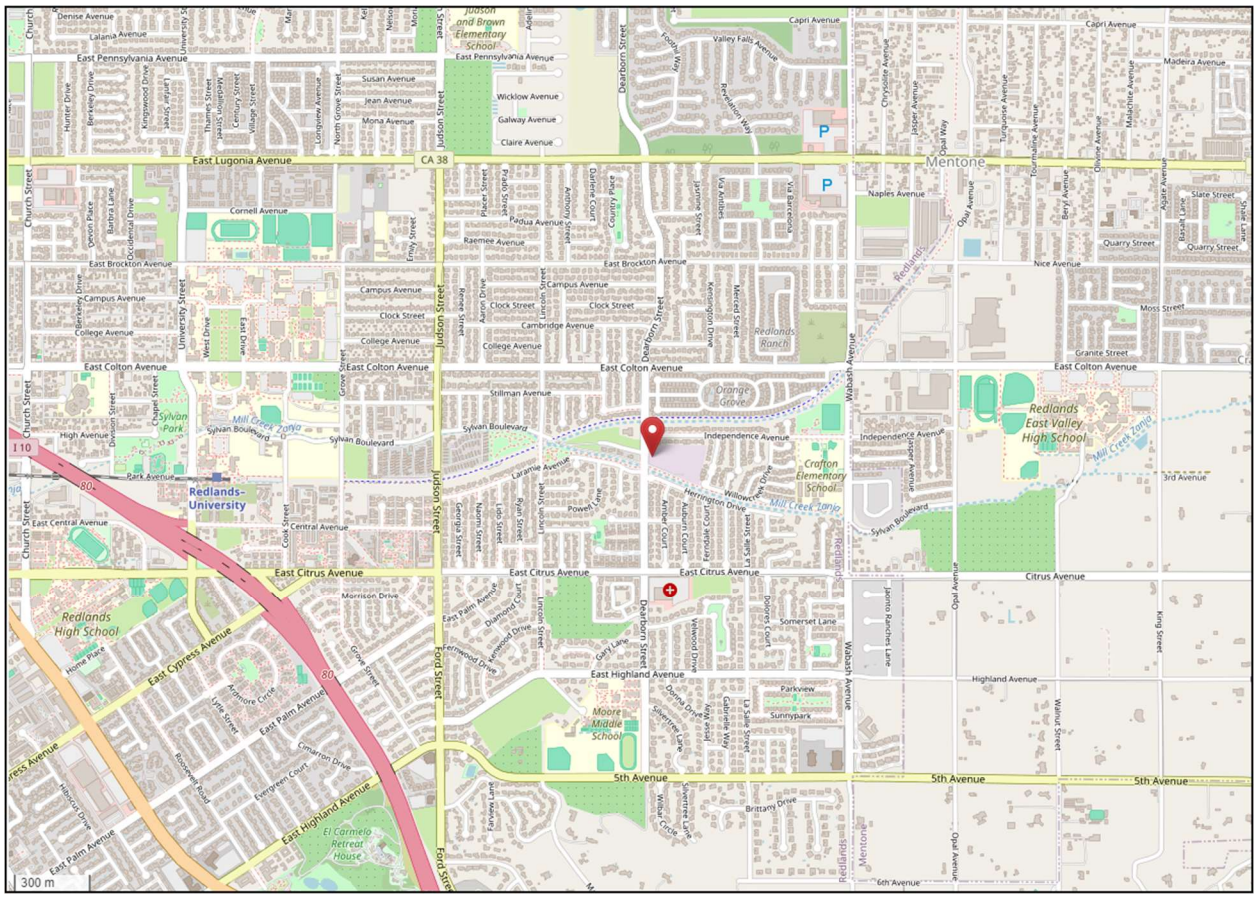
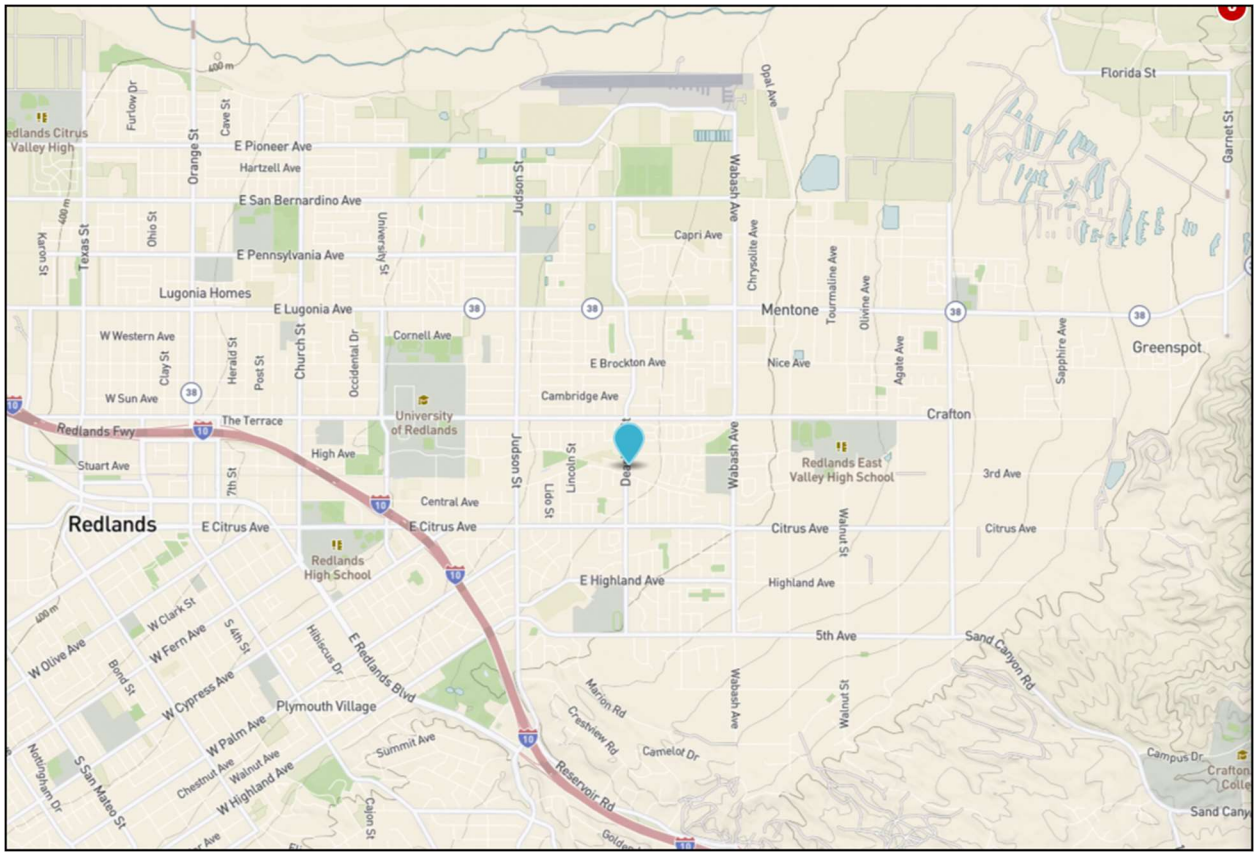
South Coast AQMD
Site Survey Report for Redlands

Last updated: May 16, 2025



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060714003	36204	09/1986	South Coast AQMD (0972)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
500 N. Dearborn Street Redlands, CA 92374	San Bernardino	South Coast	34.059626	-117.147347	475m


Florida St
Garnet St
Redlands Citrus Valley High
E Pioneer Ave
Hartzell Ave
Orange St
Cave St
Furlow Dr
E San Bernardino Ave
Judson St
Wabash Ave
Capri Ave
Chrysolite Ave
Tourmaline Ave
Olivine Ave
Agate Ave
Sapphire Ave
Ohio St
Texas St
Kansas St
University St
E Pennsylvania Ave
Lugonia Homes
E Lugonia Ave
Mentone
Greenspot
W Western Ave
Clay St
Herald St
Post St
Church St
Occidental Dr
Cornell Ave
E Brockton Ave
Nice Ave
W Sun Ave
Cambridge Ave
Crafton
The Terrace
Redlands Fwy
University of Redlands
High Ave
Stuart Ave
7th St
Lincoln St
Lugo St
Redlands East Valley High School
3rd Ave
Central Ave
Redlands
E Citrus Ave
Citrus Ave
Walnut St
Redlands High School
E Highland Ave
Highland Ave
W Clark St
W Fern Ave
S 4th St
W Olive Ave
Bond St
Hibiscus Dr
E Redlands Blvd
5th Ave
Sand Canyon Rd
W Cypress Ave
Plymouth Village
Marion Rd
Crestview Rd
Camelot Dr
W Palm Ave
Chestnut Ave
Walnut Ave
Summit Ave
Reservoir Rd
Campus Dr
Nottingham Dr
S San Mateo St
W Highland Ave
Colton St

Detailed Site Information

Local site name	Redlands
AQS ID	060714003
GPS coordinates (decimal degrees)	Latitude: 34.059626, Longitude: -117.147347
Street Address	500 N. Dearborn Street, Redlands, CA 92374
County	San Bernardino
Distance to roadways (meters)	26
Traffic count (AADT, year)	6300 / 2022
Groundcover (e.g. asphalt, dirt, sand)	Dirt
Representative statistical area name (i.e. MSA, CBSA, other)	40140-Riverside-San Bernardino-Ontario, CA MSA

Pollutant, POC	Ozone, 1	PM10, 1	WS & D, 1/1	RH/T, 1
Primary / QA Collocated / Other	N/A	Primary	N/A	N/A
Parameter code	44201	81102	61101/61102	62201/62101
Basic monitoring objective(s)	NAAQS	NAAQS	Research	Research
Site type(s)	Population Exposure	Population Exposure	Meteorological	Meteorological
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	N/A	N/A	N/A	N/A
Instrument manufacturer and model	Teledyne T400	Tisch SSI TE-PM10PLUS-BL	RM Young 05305V	Rotronic HC2-S3
Method code	087	141	065/065	063/063
FRM/FEM/ARM/ other	FEM	FRM	N/A	N/A
Collecting Agency	South Coast AQMD	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	N/A
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	09/01/1986	09/01/1986	09/1986	09/1986
Current sampling frequency (e.g.1:3, continuous)	Continuous	1:6	Continuous	Continuous
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	1:6	N/A	N/A
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	4.6	2.5	10	3.7
Distance from supporting structure (meters)	N/A	N/A	N/A	N/A
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A

Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	15	8	18	18
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	N/A	N/A	N/A	N/A
Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon	N/A	N/A	N/A
Residence time for reactive gases (seconds)	13.6	N/A	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	N/A	Monthly	N/A	N/A
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	Nightly	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	10/17/2024	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	06/25/2024 11/27/2024	N/A	N/A

Redlands
Site Photos

Looking North from the probe.

Looking East from the probe.

Looking South from the probe.

Looking West from the probe.

Redlands
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.