

Example Continuous Instrument Data AQS Reports:

This is for Federal Equivalent Method (FEM) continuous particulate matter and gaseous methods.

1. **AMP 256 QA Data Quality Indicator Report** - displays measurement QA checks and data quality assessments statistics required by 40 CFR Part 58 Appendix A.
2. **AMP 430 Data Completeness Report** - generates a monthly count of the number of observations conducted by a monitor across a given time frame. It also calculates the percentage of observations required within the month. The report does not provide concentration levels. It only provides an indication of the sampling activity of a monitor.
3. **AMP 350 Raw Data Report** - lists ambient air quality samples that are stored in AQS. These samples may consists of the reported values, generated data (such as the running averages), or daily summaries.
4. EPA example data graphs (from tool at epa.gov/airquality/airdata/ad_viz.html).

Useful links for AQS reports:

Data certification web page has AMP 600 and AMP 450NC examples at arb.ca.gov/aaqm/qa/pqao/certification/cert.htm

EPA AQS terminology - www2.epa.gov/sites/production/files/2015-10/documents/aqs_data_dictionary.pdf

Link to AQS - www2.epa.gov/aqs

AMP 256 - First two quarters

DATA QUALITY INDICATOR REPORT

One Point Quality Control

Oct. 9, 2015

Pollutant: 42602 (Nitrogen dioxide (NO2))						PQAO: California Air Resources Board (0145)				Coefficient of Variation		App A? Y
Year	Region	State	Site IDs	POC	MT	Begin Date	End Date	Intervals Required	Valued Intervals	% Complete	CV UB	Bias UB
2015	09	CA	06-111-2002	1	S	01-JAN-15	30-JUN-15	12	12	100	2.63	+/- 2.01
			SUMMARY			01-JAN-15	30-JUN-15	12	12	100	2.63	+/- 2.01
SUMMARY			SUMMARY			01-JAN-15	30-JUN-15	12	12	100	2.63	+/- 2.01
Pollutant: 44201 (Ozone)						PQAO: California Air Resources Board (0145)						App A? Y
Year	Region	State	Site IDs	POC	MT	Begin Date	End Date	Intervals Required	Valued Intervals	% Complete	CV UB	Bias UB
2015	09	CA	06-111-2002	1	S	01-JAN-15	30-JUN-15	12	12	100	0.99	+/- 1.11
			SUMMARY			01-JAN-15	30-JUN-15	12	12	100	0.99	+/- 1.11
SUMMARY			SUMMARY			01-JAN-15	30-JUN-15	12	12	100	0.99	+/- 1.11

Bias

First two quarters.

This will be 26 by the end of the year.

Percent Completeness

DR

DATA QUALITY INDICATOR REPORT

Annual Performance Evaluation (APE)

Oct. 9, 2015

Pollutant: 42602 (Nitrogen dioxide (NO2))

PQAO: California Air Resources Board (0145)

App A?: Y

Look for "Y" for "Yes, the criteria is met." Act on any "N" notations.

Year	Regior	State	Site ID	POC	MT	Begin Date	End Date	Avg %D / Level					Obs / Q		Criteria Met?	Conf. Limits		% Bet. Cf Lim		
								L1/6	L 2/7	L 3/8	L4/9	L5/10	Q1	Q2		Q3	Q4		Lower	Upper
2015	09	CA	06-111-2002	1	S	01-JAN-15	30-JUN-15						0	3	0	0	Y	-4.16	5.10	100
								(Levels 6 thru 10)	0.00	1.40	0.95									
2015			SUMMARY			01-JAN-15	30-JUN-15						0	3	0	0	Y	-4.16	5.10	100
								(Levels 6 thru 10)	0.00	1.40	0.95									
SUMMARY			SUMMARY			01-JAN-15	30-JUN-15						0	3	0	0	Y	-4.16	5.10	100
								(Levels 6 thru 10)	0.00	1.40	0.95									

Pollutant: 44201 (Ozone)

PQAO: California Air Resources Board (0145)

App A?: Y

Year	Regior	State	Site ID	POC	MT	Begin Date	End Date	Avg %D / Level					Obs / Q		Criteria Met?	Conf. Limits		% Bet. Cf Lim		
								L1/6	L 2/7	L 3/8	L4/9	L5/10	Q1	Q2		Q3	Q4		Lower	Upper
2015	09	CA	06-111-2002	1	S	01-JAN-15	30-JUN-15						0	3	0	0	Y	-2.59	0.89	
								(Levels 6 thru 10)	2.94		3.27									
2015			SUMMARY			01-JAN-15	30-JUN-15						0	3	0	0	Y	-2.59	0.89	
								(Levels 6 thru 10)	2.94		3.27									
SUMMARY			SUMMARY			01-JAN-15	30-JUN-15						0	3	0	0	Y	-2.59	0.89	
								(Levels 6 thru 10)	2.94		3.27									

The PE Audit was conducted in the 2nd quarter. Ensure the audit was reported by ARB and that AQS results match the audit report provided.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 DATA QUALITY INDICATOR REPORT

Flow Rate Verifications (FRV)

Oct. 9, 2015

Pollutant: PM10 Total 0-10um STP (81102) **PQAO:** California Air Resources Board (0145)

App A: Y

Bias

Year	Reg	St	Site ID	POC	MT	Begin Date	End Date	# Obs Required	# Obs	Average % D	% Complete	Bias UB
2015	09	CA	06-111-2002	3	S	01-JAN-15	30-JUN-15	6	13	0.83	100	+ 1.13
2015			SUMMARY			01-JAN-15	30-JUN-15	6	13	0.83	100	+ 1.13
SUMMARY			SUMMARY			01-JAN-15	30-JUN-15	6	13	0.83	100	+ 1.13

Pollutant: PM2.5 - Local Conditions (88101) **PQAO:** California Air Resources Board (0145)

App A: Y

Year	Reg	St	Site ID	POC	MT	Begin Date	End Date	# Obs Required	# Obs	Average % D	% Complete	Bias UB
2015	09	CA	06-111-2002	3	S	01-JAN-15	30-JUN-15	6	13	0.23	100	+/- 0.56
2015	09	CA	06-111-2002	4	S	01-JAN-15	30-JUN-15	6	14	0.77	100	+ 1.07
2015			SUMMARY			01-JAN-15	30-JUN-15	12	27	0.51	100	+/- 0.77
SUMMARY			SUMMARY			01-JAN-15	30-JUN-15	12	27	0.51	100	+/- 0.77

Note for PM10 --
 The FRVs are required to be reported to AQS for continuous PM10 only.

Percent Complete -
 Are the number of observations greater than the observations required?

DATA QUALITY INDICATOR REPORT

Semi-Annual Flow Rate Audits

Oct. 9, 2015

Pollutant: PM10 Total 0-10um STP (81102)

PQAO: California Air Resources Board (0145)

APP A?:Y

Year	Reg	St	AQS Site ID	POC	MT	Begin Date	End Date	# Req	#Q	% Complete	Criteria	Obs / Q				Avg % d	Conf. Limits		% Between Conf Lmt
											Met?	1	2	3	4		Lower	Upper	
2015	09	CA	06-111-2002	3	S	01-JAN-15	30-JUN-15	1	1	100	Y	0	1	0	0	0.18	-0.40	2.05	100
2015			SUMMARY			01-JAN-15	30-JUN-15	1	1	100	100	0	1	0	0	0.18	-0.40	2.05	100
SUMMARY			SUMMARY			01-JAN-15	30-JUN-15	1	1	100	100	0	1	0	0	0.18	-0.40	2.05	100

Pollutant: PM2.5 - Local Conditions (88101)

PQAO: California Air Resources Board (0145)

APP A?:Y

Year	Reg	St	AQS Site ID	POC	MT	Begin Date	End Date	# Req	#Q	% Complete	Criteria	Obs / Q				Avg % d	Conf. Limits		% Between Conf Lmt
											Met?	1	2	3	4		Lower	Upper	
2015	09	CA	06-111-2002	3	S	01-JAN-15	30-JUN-15	1	1	100	Y	0	1	0	0	-0.60	-0.67	1.14	100
2015	09	CA	06-111-2002	4	S	01-JAN-15	30-JUN-15	1	1	100	Y	0	1	0	0	-0.06	-0.43	1.98	100
2015			SUMMARY			01-JAN-15	30-JUN-15	2	2	100	100	0	2	0	0	-0.33	-0.67	1.70	100
SUMMARY			SUMMARY			01-JAN-15	30-JUN-15	2	2	100	100	0	2	0	0	-0.33	-0.67	1.70	100

Look for "Y" for "Yes, the criteria is met." Act on any "N" notations.

AMP 430 - FEM Continuous data
 Complete year

Aug. 17, 2015

MONITORS REPORTING

DATE RANGE: JAN. 01, 2014 THRU DEC. 31, 2014
 REGION: (09) SAN FRANCISCO
 STATE: California

REP ORG: California Air Resources Board
 MONITOR TYPE: SLAMS

SITE ID CITY ADDRESS	PARAMETER	POC	DURATION METHOD	OBSERVATIONS												YEAR
				NUMBER / PERCENT												
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
06-097-0001 Cloverdale 100 WASHINGTON ST., CLOVERDALE	81102 <u>PM10 Total 0-10um STP</u>	2	1 122	740 99%	669 100%	740 99%	695 97%	354 48%	714 99%	741 100%	662 89%	713 99%	742 100%	717 100%	738 99%	8225 94%
06-097-0002 Healdsburg 133 MATHESON ST., HEALDSBURG	81102 <u>PM10 Total 0-10um STP</u>	2	1 122	741 100%	671 100%	742 100%	705 98%	739 99%	611 85%	742 100%	686 92%	717 100%	736 99%	713 99%	721 97%	8524 97%
06-097-1003 Healdsburg MUNICIPAL AIRPORT-200A HEIDELBERG WAY, HEALDSBURG	44201 <u>Ozone</u>	1	1 087	709 95%	640 95%	709 95%	689 96%	709 95%	680 94%	684 92%	690 93%	674 94%	706 95%	686 95%	706 95%	8282 95%
06-097-3002 Guerneville CHURCH AND FIRST STREETS, GUERNEVILLE CA	81102 <u>PM10 Total 0-10um STP</u>	1	1 122	735 99%	445 66%	739 99%	699 97%	644 87%	712 99%	591 79%	739 99%	716 99%	707 95%	715 99%	726 98%	8168 93%

Number of samples
 uploaded to AQS
 per month

Monthly and yearly
 completeness
 should be at least
 75% for EPA and
 85% for ARB's
 requirements.

(81102) PM10 Total 0-10um STP

AMP 350 - FEM PM10 Data

Displayed 1 month/page

SITE ID: 06-097-0001 POC: 2
 COUNTY: (097) Sonoma
 CITY: (14190) Cloverdale
 SITE ADDRESS: 100 WASHINGTON ST., CLOVERDALE
 SITE COMMENTS: ARB SITE NUMBER 4900886 NEW SITE 10-72 SPM TSP
 MONITOR COMMENTS:

STATE: (06) California
 AQCR: (030) SAN FRANCISCO BAY AREA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 38.804267
 LONGITUDE: -123.018142
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 91
 PROBE HEIGHT:

SUPPORT AGENCY: (0791) Northern Sonoma County APCD
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0145) California Air Resources Board

REPORT FOR: APRIL 2014

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	9	5	5	4	2	2	2	2	2	2	2	2	2	8	2	2	2	2	2	2	6	9	8	6	24	9.	
2	4	4	2	2	2	2	2	2	2	5	2	2	2	2	2	2	2	5	6	AN	AN	AN	AN	AN	19	6.	
3	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	23	4	2	2						8	15	4	6	12	23.
4	6	2	2	4	2	4	6	4	2	2	2	DA	2	4	2	2	2	2	2	2	2	2	5	5	5	23	6.
5	5	2	2	5	2	2	2	2	5	5	2	2	2	2	2	2	2	2	2	2	2	8	2	4	11	24	11.
6	9	2	2	9	17	6	6	6	8	5	2	2	2	2	2	2	2	2	2	2	4	7	6	2	24	17.	
7	16	4	2	4	8	2	2	5	6	2	2	4	2	2	2	2	2	2	2	2	8	8	8	2	24	16.	
8	16	2	2	2	17	2	2	10	12	9	10	10	6	6	8	10	6	6	8	10	10	6	16	6	24	17.	
9	8	17	2	7	10	7	6	7	19	9	9	6	4	7	11	10	4	7	11	10	7	7	7	5	24	19.	
10	2	5	4	2	5	5	2	2	5	9	8	6	6	7	6	8	7	6	8	9	9	2	14	2	24	14.	
11	2	9	12	10	7	14	16	17	18	10	8	7	10	8	9	19	10	8	9	19	20	20	31	23	24	31.	
12	15	19	25	2	19	7	2	15	6	4	5	6	6	5	5	24	6	5	5	24	12	20	13	7	24	25.	
13	16	8	10	8	2	2	2	2	5	10	9	2	2	5	2	2	2	2	2	2	9	10	4	16	24	16.	
14	12	8	5	10	16	2	2	2	16	9	8	9	11	9	11	18	6	9	13	11	16	21	9	19	24	21.	
15	24	2	20	11	18	14	9	7	21	11	10	8	6	9	13	11	9	9	13	11	9	11	6	18	24	24.	
16	11	11	10	2	17	4	15	5	6	7	7	6	7	10	9	6	7	6	9	11	9	16	15	13	24	17.	
17	20	15	11	10	21	15	2	27	15	13	11	5	7	12	8	7	10	9	8	2	19	7	5	2	24	27.	
18	2	8	8	2	2	16	2	2	5	2	2	5	6	7	6	8	17	16	13	12	7	26	17	15	24	26.	
19	16	9	9	9	10	9	6	9	12	8	4	5	2	2	4	4	2	2	2	4	2	2	7	2	24	16.	
20	2	2	17	2	2	17	DA	20	4	8	5	2	2	2	2	2	6	6	7	9	9	9	19	5	23	20.	
21	2	17	2	17	12	8	23	15	19	23	24	23	14	10	BA	8	8	10	17	14	10	22	2	7	23	24.	
22	2	DA	2	2	2	2	2	4	10	9	4	2	2	2	2	2	5	6	6	14	DA	2	2	2	2	22	14.
23	2	2	2	2	2	2	2	5	8	10	6	2	2	2	2	2	2	2	2	2	2	4	9	7	24	10.	
24	2	7	2	17	15	8	10	16	9	16	13	12	9	10	9	5	2	2	2	2	DA	2	2	2	2	23	17.
25	11	9	7	5	2	8	12	9	6	5	8	10	2	2	6	2	2	4	2	2	9	11	7	5	24	12.	
26	2	2	2	2	4	2	2	2	2	5	2	2	4	2	2	2	2	4	5	6	2	4	9	2	24	9.	
27	2	8	5	2	2	2	2	2	2	2	2	2	2	4	4	5	8	14	14	14	7	10	22	8	24	22.	
28	8	11	11	9	9	11	9	9	16	13	7	2	2	4	2	4	8	9	10	9	7	6	19	13	24	19.	
29	16	2	4	8	4	4	5	18	5	BA	BA	4	2	2	2	2	2	2	5	5	6	5	8	9	22	18.	
30	5	7	7	4	5	20	5	19	12	11	7	4	5	5	2	6	9	18	17	14	20	11	11	9	24	20.	
31																											0
NO.:	29	28	29	29	29	29	28	29	29	28	28	30	30	29	30	30	30	30	30	29	27	29	29	29	29	29	
MAX:	24.	19.	25.	17.	21.	20.	23.	27.	21.	23.	24.	23.	23.	12.	13.	24.	18.	18.	20.	19.	20.	26.	31.	23.	23.	23.	
AVG:	8.5	7.1	6.7	6.0	8.1	6.9	5.6	8.4	8.9	8.0	6.5	5.4	5.1	5.2	4.8	6.2	7.1	8.1	9.1	8.7	8.8	9.7	10.0	7.9	7.9	7.9	

MONTHLY OBSERVATIONS: 695 MONTHLY MEAN: 7.4 MONTHLY MAX: 31.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that the region has reviewed the value and does not concur with the qualifier.

Primarily ensure the data matches the data in the DMS system since validation should have been completed prior to upload.

Monthly maximum and mean

Check null and qualifier codes to see if they are correct

Daily observations maximums

AMP 350 - FEM O3 Data

Displayed 1 month/page

(44201) Ozone

SITE ID: 06-097-1003 POC: 1
 COUNTY: (097) Sonoma
 CITY: (33056) Healdsburg
 SITE ADDRESS: MUNICIPAL AIRPORT-200A HEIDELBERG WAY, HEALDSBURG
 SITE COMMENTS: LOCATED AT HEALDSBURG MUNICIPAL AIRPORT. ARB SITE NAME (NUMBER) IS HEALDSBURG-MUNJ
 MONITOR COMMENTS: DASIBI MODEL 1008 AH OZONE ANALYZER (UV PHOTOMETRIC METHOD).

STATE: (06) California
 AQCR: (030) SAN FRANCISCO BAY AREA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 38.654069
 LONGITUDE: -122.901857
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 84
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0791) Northern Sonoma County APCD

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (087) INSTRUMENTAL ULTRA VIOLET ABSORPTI

PQAO: (0145) California Air Resources Board

REPORT FOR: JULY 2014

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1														.034	.035	.037	.038	.034	.031	.029	.026	.025	.025	.026	11	.038
2	.025	.026	.027	.027	BD	BD	.021	.022	.023	.024	.028	.034	.037	.036	.034	.032	.033	.031	.027	.024	.022	.020	.020	.019	22	.037
3	.017	.016	.017	.014	BD	.011	.015	.017	.020	.025	.032	.035	.041	.046	.040	.038	.035	.030	.028	.026	.024	.023	.023	.022	23	.046
4	.021	.020	.015	.011	BD	.010	.013	.019	.025	.029	.031	.034	.033	.034	.033	.032	.032	.031	.029	.027	.026	.024	.023	.022	23	.034
5	.020	.020	.020	.016	BD	.016	.015	.016	.018	.025	.033	.040	.045	.043	.038	.037	.041	.034	.031	.029	.027	.025	.023	.020	23	.045
6	.017	.018	.014	.010	BD	.009	.010	.012	.017	.024	.034	.039	.042	.043	.037	.037					.025	.021	.019	.018	23	.043
7	.017	.016	.014	.014	BD	.012	.012	.015	.018	.024	.033	.039	.040	.030	.033	.031					.024	.024	.021	.018	23	.040
8	.018	.018	.015	.014	BD	.012	.013	.016	.020	.026	.031	BD	.044	.039	.033						.020	.020	.020	.020	21	.044
9	.020	.019	.018	.018	BD	BD	.016	.016	.017	.020	.022	.025	.027	.029	.028	.030					.021	.020	.019	.019	22	.030
10	.019	.019	.019	.019	BD	.018	.018	.017	.020	.020	.021	.025	.027	.028	.028	.029					.025	.024	.024	.024	23	.029
11	.024	.026	.026	.025	BD	.024	.024	.024	.025	.026	.029	.031	.030	.029	.030	.029					.025	.024	.023	.019	23	.031
12	.013	.012	.013	.012	BD	.016	.018	.018	.019	.021	.024	.025	.029	.033	.030	.027					.022	.021	.021	.020	23	.033
13	.019	.018	.018	.016	BD	.014	.014	.015	.018	.022	.026	.032	.035	.032	.031	.030					.025	.023	.023	.022	23	.035
14	.020	.016	.016	.014	BD	.006	.013	.019	.029	.038	.054	.053	.053	.045	.046	.050					.031	.030	.028	.025	23	.054
15	.026	.025	.023	.021	BD	.018	.019	.022	.024	.029	.032	.034	.038	.042	.040	.041					.030	.029	.029	.029	23	.042
16	.029	.028	.027	.026	BD	BD	.023	.023	.023	.023	.027	.028	.028	.029	.029	.028					.023	.023	.023	.022	22	.029
17	.022	.021	.022	.020	BD	.022	.023	.022	.022	.023	.027	.030	.031	.031	.030	.029					.026	.026	.025	.025	23	.031
18	.025	.023	.023	.024	BD	.023	.023	.023	.022	.023	.024	.024	.026	.027	.027	.027					.023	.023	.023	.022	23	.028
19	.023	.022	.022	.021	BD	.020	.020	.020	.018	.021	.024	.027	.033	.036	.036	.035	.035	.033	.031	.029	.027	.025	.022	.023	23	.036
20	.018	.018	.021	.022	BD	.020	.020	.020	.021	.020	.022	.024	.026	.026	.028	.031	.028	.025	.026	.025	.023	.023	.023	.022	23	.031
21	.022	.021	.021	.019	BD	.020	.018	.017	.019	.022	.024	.024	.025	.026	.027	.029	.030	.028	.027	.025	.025	.024	.021	.019	23	.030
22	.021	.022	.022	.022	BD	.016	.017	.020	.019	.022	.029	.031	.034	.031	.029	.029	.027	.025	.023	.023	.022	.020	.017	.016	23	.034
23	.015	.015	.014	.011	BD	BD	.011	.016	.019	.023	.027	.030	.031	.028	.024	.021	.022	.021	.022	.025	.023	.022	.022	.022	22	.031
24	.022	.022	.013	.009	BD	.006	.009	.017	.023	.027	.035	.041	.042	.044	.044	.039	.040	.039	.041	.040	.032	.028	.025	.024	23	.044
25	.021	.021	.018	.013	BD	.010	.015	.023	.028	.039	.048	.050	.053	.050	.046	.047	.047	.047	.047	.038	.031	.025	.022	.019	23	.053
26	.019	.018	.018	.014	BD	.014	.018	.024	.031	.040	.049	.045	.052	.052	.053	.046	.040	.037	.036	.030	.027	.024	.024	.023	23	.053
27	.022	.022	.021	.021	BD	.020	.018	.020	.024	.030	.035	.038	.041	.045	.041	.036	.033	.031	.029	.028	.027	.025	.023	.021	23	.045
28	.021	.020	.019	.018	BD	.017	.016	.015	.016	.019	AZ	AZ	AZ	AZ	AZ	.029	.027	.025	.023	.020	.018	.017	.016	17	.029	
29	.015	.015	.014	.014	BD	.012	.011	.012	.016	.023	.033	BD	BD	AV	.035	.037	.038	.033	.024	.021	.019	.019	.017	.016	20	.038
30	.015	.013	.012	.012	BD	BD	.011	.011	.013	.018	.024	.031	.036	.041	.039	.036	.032	.029	.024	.019	.016	.015	.015	.014	22	.041
31	.012	.012	.012	.012	BD	BD	.009	.009	.011	.015	.023	.030	.033	.037	.037	.035	.034	.031	.025	.022	.020	.018	.017	.016	22	.037
NO.:	30	30	30	30		24	30	30	30	30	29	27	27	29	30	30	31	31	31	31	31	31	31	31		
MAX:	.029	.028	.027	.027		.024	.024	.024	.031	.040	.054	.053	.053	.052	.053	.050	.047	.047	.047	.040	.032	.030	.029	.029		
AVG:	.0199	.0194	.0185	.0170		.0153	.0161	.0180	.0206	.0248	.0304	.0333	.0359	.0362	.0349	.0339	.0330	.0308	.0287	.0265	.0244	.0229	.0218	.0207		

Primarily ensure the data matches the data in the DMS system since validation should have been completed prior to upload.

MONTHLY OBSERVATIONS: 684 MONTHLY MEAN: .0253 MONTHLY MAX: .054

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.



AirData

Concentration Plot

Make a time series plot for a specific location and time period. This tool displays daily air quality summary statistics for the criteria pollutants by monitor. You can choose to plot all monitors in a city or county, or you can select specific monitors.

1. Pollutant

Ozone

2. Period

from 2014 to 2014 (maximum 25 years)

3. Geographic Area

Select a City (defined as CBSA) ...

-- or --

CA - Sacramento

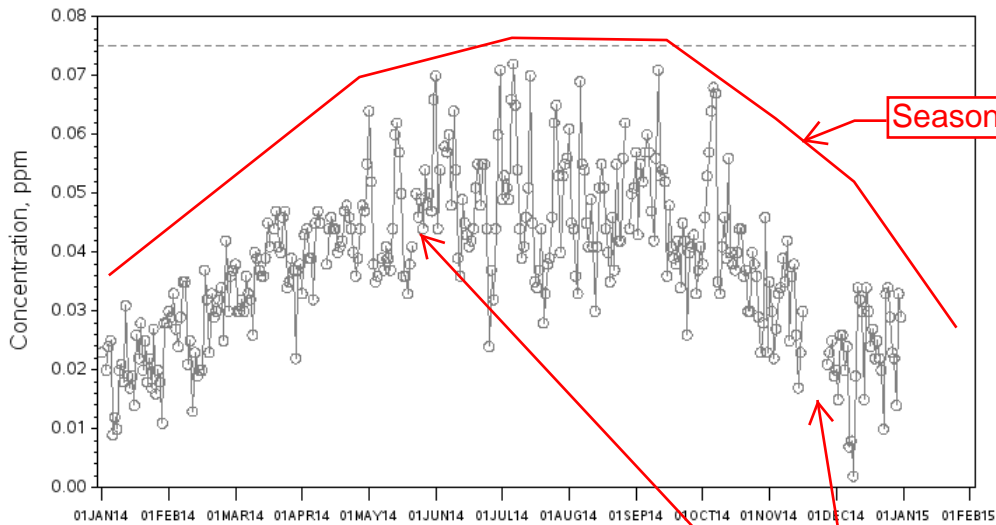
4. Monitor Site

- All Sites
- 060670002
- 060670006
- 060670010
- 060670011
- 060670012
- 060670014
- 060675003

← Easy to use tool

Daily Max 8-hour Ozone Concentrations from 01/01/14 to 12/31/14

Parameter: Ozone (Applicable standard is .075 ppm)
 CBSA: Sacramento--Arden-Arcade--Roseville, CA
 County: Sacramento
 State: California
 AQS Site ID: 06-067-0010, poc 1



Seasonal pattern

Data gaps

Source: U.S. EPA AirData <<http://www.epa.gov/airdata>>
 Generated: October 9, 2015

The following data link is active for the next 10 minutes, after which you must resubmit your query.

[Download CSV \(spreadsheet\)](#)

Last updated on 9/11/2015

Data can be downloaded into a spreadsheet for further analysis



AirData Concentration Plot

Make a time series plot for a specific location and time period. This tool displays daily air quality summary statistics for the criteria pollutants by monitor. You can choose to plot all monitors in a city or county, or you can select specific monitors.

1. Pollutant

Ozone

2. Period

from 2014 to 2014 (maximum 25 years)

3. Geographic Area

Select a City (defined as CBSA) ...

-- or --

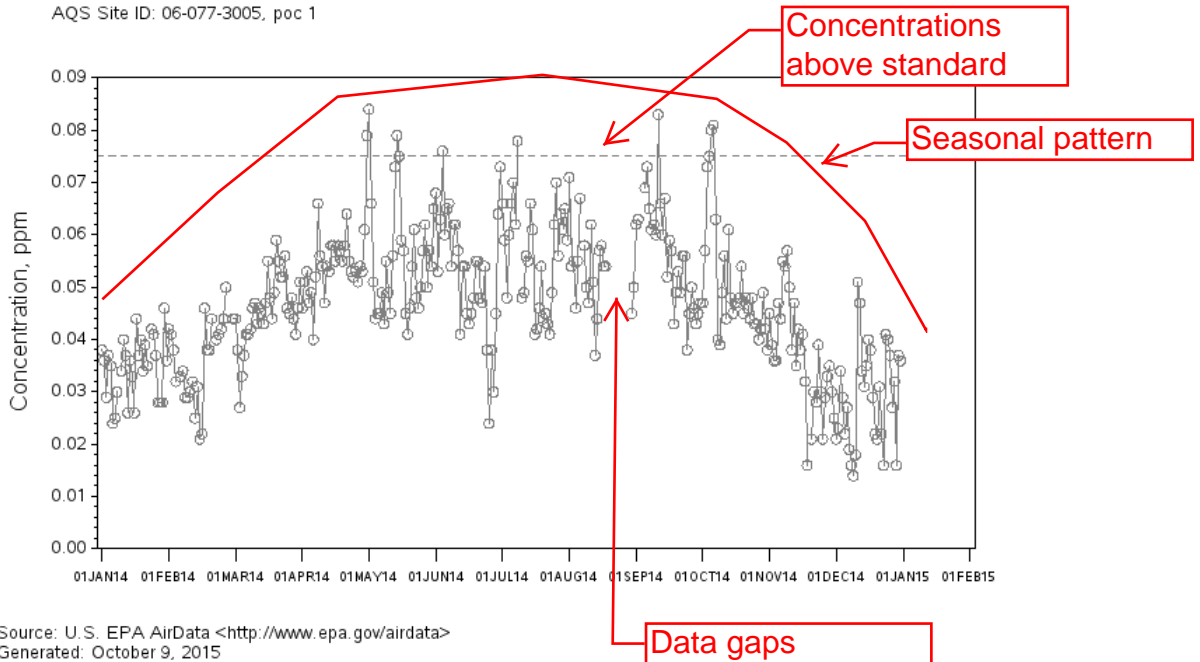
CA - San Joaquin

4. Monitor Site

All Sites
060771002
060773005

Daily Max 8-hour Ozone Concentrations from 01/01/14 to 12/31/14

Parameter: Ozone (Applicable standard is .075 ppm)
CBSA: Stockton, CA
County: San Joaquin
State: California
AQS Site ID: 06-077-3005, poc 1



Source: U.S. EPA AirData <<http://www.epa.gov/airdata>>
Generated: October 9, 2015

The following data link is active for the next 10 minutes, after which you must resubmit your query.
[Download CSV \(spreadsheet\)](#)

Last updated on 9/11/2015



AirData Concentration Plot

Make a time series plot for a specific location and time period. This tool displays daily air quality summary statistics for the criteria pollutants by monitor. You can choose to plot all monitors in a city or county, or you can select specific monitors.

1. Pollutant

PM2.5

2. Period

from 2014 to 2014 (maximum 25 years)

3. Geographic Area

Select a City (defined as CBSA) ...

-- or --

CA - San Joaquin

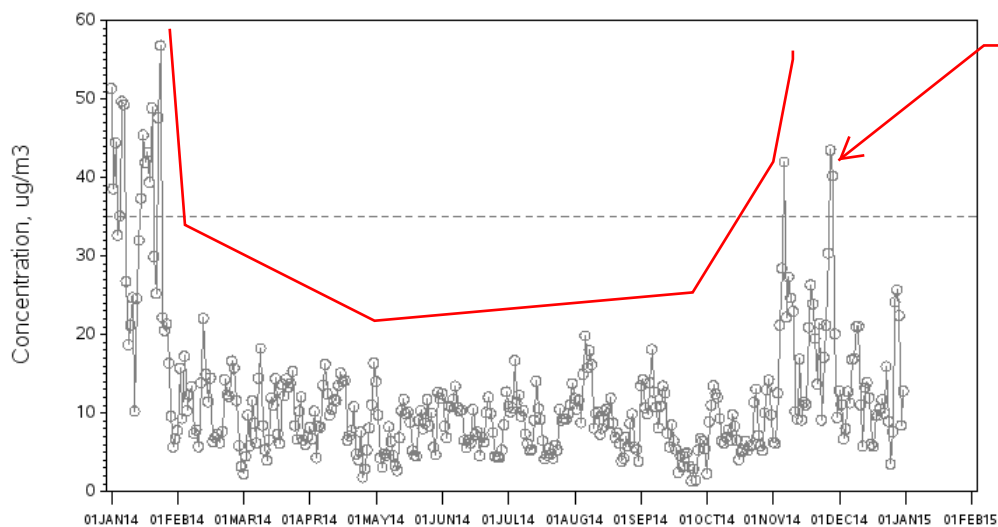
4. Monitor Site

- All Sites
- 060771002
- 060772010
- 060773005

Collocated sites--
see next page to
compare results

Daily Mean PM2.5 Concentrations from 01/01/14 to 12/31/14

Parameter: PM2.5 - Local Conditions (Applicable standard is 35 ug/m3)
CBSA: Stockton, CA
County: San Joaquin
State: California
AQS Site ID: 06-077-1002, poc 3



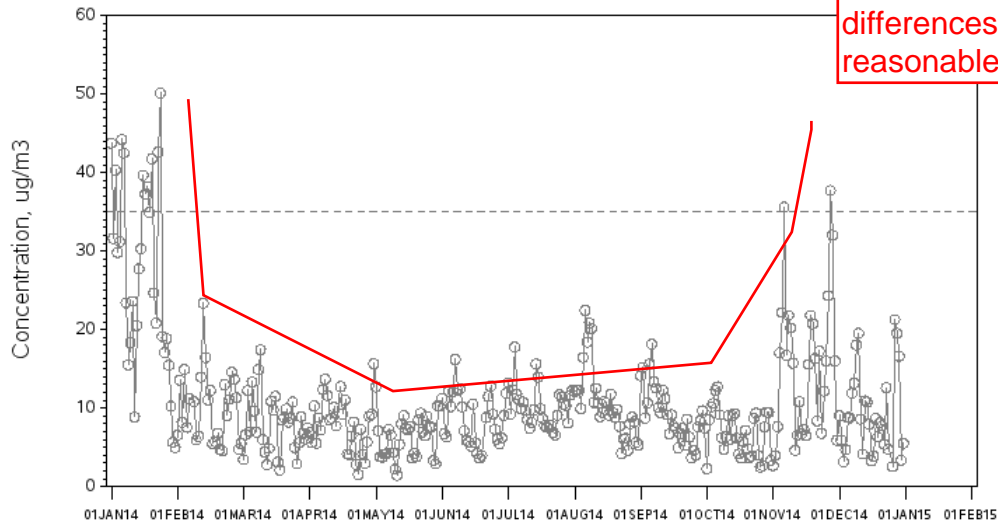
Concentrations
above standard

Source: U.S. EPA AirData <http://www.epa.gov/airdata>
Generated: October 9, 2015

Daily Mean PM2.5 Concentrations from 01/01/14 to 12/31/14

Parameter: PM2.5 - Local Conditions (Applicable standard is 35 ug/m3)
CBSA: Stockton, CA
County: San Joaquin
State: California
AQS Site ID: 06-077-1002, poc 4

Compare high numbers between sites. Do the differences seem reasonable?



Source: U.S. EPA AirData <<http://www.epa.gov/airdata>>
Generated: October 9, 2015

The following data link is active for the next 10 minutes, after which you must resubmit your query.
[Download CSV \(spreadsheet\)](#)

Last updated on 9/11/2015