



Top 4 Summary: Highest 4 Daily 24-Hour PM10 Averages

at Colusa-Sunrise Blvd

iADAM

	2017		2018		2019	
	Date	24-Hr Average	Date	24-Hr Average	Date	24-Hr Average
National:						
First High:	Oct 10	144.7	Nov 15	257.5	Oct 26	118.1
Second High:	Oct 8	111.8	Nov 16	167.1	Oct 9	111.2
Third High:	Sep 4	111.7	Nov 17	151.0	Nov 20	107.6
Fourth High:	Oct 7	102.2	Aug 4	142.1	Oct 14	91.1
California:						
First High:	Oct 10	148.1	Nov 15	274.6	Oct 26	119.9
Second High:	Sep 4	109.0	Nov 16	177.8	Oct 9	113.6
Third High:	Oct 7	103.1	Nov 17	159.7	Nov 20	109.0
Fourth High:	Oct 17	99.5	Nov 14	145.7	Oct 14	93.4
National:						
Estimated # Days > 24-Hour Std:		0.0		2.0		0.0
Measured # Days > 24-Hour Std:		0		2		0
3-Yr Avg Est # Days > 24-Hr Std:		*		*		1.0
<i>Annual Average:</i>		26.4		32.4		28.2
<i>3-Year Average:</i>		*		28		29
California:						
Estimated # Days > 24-Hour Std:		*		*		45.3
Measured # Days > 24-Hour Std:		33		66		45
<i>Annual Average:</i>		*		*		29.2
<i>3-Year Maximum Annual Average:</i>		*		*		29
<i>Year Coverage:</i>		0		0		0

Notes:

Daily PM10 averages and related statistics are available at Colusa-Sunrise Blvd between 1988 and 2019.

Some years in this range may not be represented.

All averages expressed in micrograms per cubic meter.

The national annual average PM10 standard was revoked in December 2006 and is no longer in effect.

Statistics related to the revoked standard are shown in *italics* or *italics* .

An exceedance of a standard is not necessarily related to a violation of the standard.

All values listed above represent midnight-to-midnight 24-hour averages and may be related to an exceptional event.

State and national statistics may differ for the following reasons:

State statistics are based on California approved samplers, whereas national statistics are based on samplers using federal reference or equivalent methods. State and national statistics may therefore be based on different samplers.

State statistics for 1998 and later are based on local conditions (except for sites in the South Coast Air Basin, where State statistics for 2002 and later are based on local conditions). National statistics are based on standard conditions.

State criteria for ensuring that data are sufficiently complete for calculating valid annual averages are more stringent than the national criteria.

Measurements are usually collected every six days. Measured days counts the days that a measurement was greater than the level of the standard; Estimated days mathematically estimates how many days concentrations would have been greater than the level of the standard had each day been monitored.

3-Year statistics represent the listed year and the 2 years before the listed year.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.



Top 4 Summary: Highest 4 Daily 24-Hour PM10 Averages

at Red Bluff-1834 Walnut Street

iADAM

	2017		2018		2019	
	Date	24-Hr Average	Date	24-Hr Average	Date	24-Hr Average
National:						
First High:	Sep 4	100.9	Aug 6	102.5	Nov 5	43.6
Second High:	Oct 10	71.0	Aug 9	100.4	Nov 1	33.5
Third High:	Aug 23	51.0	Nov 16	100.2	Aug 1	29.2
Fourth High:	Aug 17	49.8	Jul 31	92.9	Aug 7	28.0
California:						
First High:	Sep 4	98.7	Nov 16	105.7	Nov 5	45.1
Second High:	Oct 10	72.8	Aug 6	101.7	Nov 1	34.7
Third High:	Aug 23	50.2	Aug 9	99.5	Aug 1	29.0
Fourth High:	Aug 17	49.0	Jul 31	91.3	Aug 7	27.6
National:						
Estimated # Days > 24-Hour Std:		0.0		0.0		0.0
Measured # Days > 24-Hour Std:		0		0		0
3-Yr Avg Est # Days > 24-Hr Std:		0.0		0.0		0.0
Annual Average:		19.9		22.7		14.4
3-Year Average:		19		20		19
California:						
Estimated # Days > 24-Hour Std:		12.2		33.1		0.0
Measured # Days > 24-Hour Std:		2		6		0
Annual Average:		20.0		23.8		14.6
3-Year Maximum Annual Average:		20		24		24
Year Coverage:		100		100		98

Notes:

Daily PM10 averages and related statistics are available at Red Bluff-1834 Walnut Street between 2015 and 2019. Some years in this range may not be represented.

All averages expressed in micrograms per cubic meter.

The national annual average PM10 standard was revoked in December 2006 and is no longer in effect.

Statistics related to the revoked standard are shown in *italics* or *italics* .

An exceedance of a standard is not necessarily related to a violation of the standard.

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State statistics for 1998 and later are based on local conditions (except for sites in the South Coast Air Basin, where State statistics for 2002 and later are based on local conditions). National statistics are based on standard conditions.

State criteria for ensuring that data are sufficiently complete for calculating valid annual averages are more stringent than the national criteria.

Measurements are usually collected every six days. Measured days counts the days that a measurement was greater than the level of the standard; Estimated days mathematically estimates how many days concentrations would have been greater than the level of the standard had each day been monitored.

3-Year statistics represent the listed year and the 2 years before the listed year.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

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Top 4 Summary: Highest 4 Daily 24-Hour PM10 Averages

at Willows-720 N Colusa Street

iADAM

	2017		2018		2019	
	Date	24-Hr Average	Date	24-Hr Average	Date	24-Hr Average
National:						
First High:	Oct 8	180.1	Nov 15	215.7	Oct 26	125.8
Second High:	Oct 18	142.8	Oct 20	121.7	Oct 23	115.8
Third High:	Oct 10	137.1	Nov 16	120.8	Oct 9	104.6
Fourth High:	Oct 17	114.6	Aug 4	113.4	Oct 22	81.7
California:						
First High:	Oct 8	181.7	Nov 15	230.2	Oct 26	126.2
Second High:	Oct 18	145.6	Nov 16	129.0	Oct 23	115.4
Third High:	Oct 10	140.1	Oct 20	123.2	Oct 9	106.6
Fourth High:	Oct 17	116.3	Nov 14	118.5	Oct 22	80.2
National:						
Estimated # Days > 24-Hour Std:		1.0		1.1		0.0
Measured # Days > 24-Hour Std:		1		1		0
3-Yr Avg Est # Days > 24-Hr Std:		0.0		1.0		1.0
Annual Average:		25.4		29.5		19.8
3-Year Average:		24		25		25
California:						
Estimated # Days > 24-Hour Std:		*		59.7		23.1
Measured # Days > 24-Hour Std:		38		58		23
Annual Average:		*		30.7		20.5
3-Year Maximum Annual Average:		*		31		31
Year Coverage:		0		0		0

Notes:

Daily PM10 averages and related statistics are available at Willows-720 N Colusa Street between 2006 and 2019. Some years in this range may not be represented.

All averages expressed in micrograms per cubic meter.

The national annual average PM10 standard was revoked in December 2006 and is no longer in effect.

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3-Year statistics represent the listed year and the 2 years before the listed year.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.



Top 4 Summary: Highest 4 Daily 24-Hour PM2.5 Averages

at Colusa-Sunrise Blvd

iADAM

	2017		2018		2019	
	Date	24-Hr Average	Date	24-Hr Average	Date	24-Hr Average
National:						
First High:	Oct 10	44.8	Nov 16	113.2	Jan 3	26.5
Second High:	Sep 4	34.8	Nov 10	60.1	Dec 29	24.2
Third High:	Dec 9	20.9	Aug 6	56.4	Nov 5	19.6
Fourth High:	Aug 23	18.5	Aug 24	27.4	Dec 11	17.6
California:						
First High:	Oct 10	44.8	Nov 16	113.2	Jan 3	26.5
Second High:	Sep 4	34.8	Nov 10	60.1	Dec 29	24.2
Third High:	Dec 9	20.9	Aug 6	56.4	Nov 5	19.6
Fourth High:	Jan 18	20.1	Aug 24	27.4	Dec 11	17.6
National:						
Estimated # Days > 24-Hour Std:		7.7		*		0.0
Measured # Days > 24-Hour Std:		1		3		0
24-Hour Standard Design Value:		24		36		40
24-Hour Standard 98th Percentile:		34.8		60.1		24.2
2006 Annual Std Design Value:		7.6		*		*
2013 Annual Std Design Value:		7.6		*		*
Annual Average:		8.0		*		7.0
California:						
Annual Std Designation Value:		8		6		7
Annual Average:		*		*		7.0
Year Coverage:		93		100		100

Notes:

Daily PM2.5 averages and related statistics are available at Colusa-Sunrise Blvd between 1998 and 2019. Some years in this range may not be represented.

All averages expressed in micrograms per cubic meter.

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Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

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Top 4 Summary: Highest 4 Daily 24-Hour PM2.5 Averages

at Red Bluff-1834 Walnut Street

iADAM

	2017		2018		2019	
	Date	24-Hr Average	Date	24-Hr Average	Date	24-Hr Average
National:						
First High:	Aug 31	85.9	Nov 15	130.7	Dec 29	22.6
Second High:	Sep 3	69.0	Aug 7	87.5	Jan 29	19.3
Third High:	Sep 4	56.9	Aug 6	79.4	Jul 4	17.0
Fourth High:	Sep 1	42.5	Nov 16	75.6	Jul 28	16.2
California:						
First High:	Aug 31	85.9	Nov 15	130.7	Dec 29	22.6
Second High:	Sep 3	69.0	Aug 7	87.5	Jan 29	19.3
Third High:	Sep 4	56.9	Aug 6	79.4	Jul 4	17.0
Fourth High:	Sep 1	42.5	Nov 16	75.6	Jul 28	16.2
National:						
Estimated # Days > 24-Hour Std:		5.4		24.0		0.0
Measured # Days > 24-Hour Std:		5		24		0
24-Hour Standard Design Value:		*		*		34
24-Hour Standard 98th Percentile:		22.8		63.2		15.2
2006 Annual Std Design Value:		*		*		7.7
2013 Annual Std Design Value:		*		*		7.7
Annual Average:		7.2		10.5		5.4
California:						
Annual Std Design Value:		7		11		11
Annual Average:		7.2		10.5		*
Year Coverage:		94		100		98

Notes:

Daily PM2.5 averages and related statistics are available at Red Bluff-1834 Walnut Street between 2015 and 2019. Some years in this range may not be represented.

All averages expressed in micrograms per cubic meter.

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Top 4 Summary: Highest 4 Daily 24-Hour PM2.5 Averages

at Willows-720 N Colusa Street

iADAM

	2017		2018		2019	
	Date	24-Hr Average	Date	24-Hr Average	Date	24-Hr Average
National:						
First High:		*		*		*
Second High:		*		*		*
Third High:		*		*		*
Fourth High:		*		*		*
California:						
First High:	Aug 31	55.2	Nov 15	179.8	Dec 29	21.8
Second High:	Sep 1	44.1	Nov 16	86.0	Jan 30	21.4
Third High:	Sep 3	42.1	Aug 4	82.6	Nov 6	19.5
Fourth High:	May 10	41.4	Nov 14	80.8	Nov 5	19.2
National:						
Estimated # Days > 24-Hour Std:		*		*		*
Measured # Days > 24-Hour Std:		*		*		*
24-Hour Standard Design Value:		*		*		*
24-Hour Standard 98th Percentile:		*		*		*
2006 Annual Std Design Value:		*		*		*
2013 Annual Std Design Value:		*		*		*
Annual Average:		*		*		*
California:						
Annual Std Design Value:		8		*		7
Annual Average:		*		*		6.5
Year Coverage:		*		*		*

Notes:

Daily PM2.5 averages and related statistics are available at Willows-720 N Colusa Street between 2006 and 2019. Some years in this range may not be represented.

All averages expressed in micrograms per cubic meter.

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* means there was insufficient data available to determine the value.



Top 4 Summary: Highest 4 Daily 24-Hour PM2.5 Averages

at Woodland-Gibson Road



	2017		2018		2019	
	Date	24-Hr Average	Date	24-Hr Average	Date	24-Hr Average
National:						
First High:	Oct 10	60.1	Nov 16	165.4	Nov 5	27.8
Second High:	Sep 4	40.6	Nov 10	95.0	Jan 3	27.0
Third High:	Dec 15	27.1	Aug 6	33.0	Dec 17	23.8
Fourth High:	Dec 9	23.0	Aug 24	21.8	Nov 17	18.1
California:						
First High:	Oct 10	60.1	Nov 16	165.4	Nov 5	27.8
Second High:	Sep 4	40.6	Nov 10	95.0	Jan 3	27.0
Third High:	Dec 15	27.1	Aug 6	33.0	Dec 17	23.8
Fourth High:	Dec 9	23.0	Aug 24	21.8	Nov 17	18.1
National:						
Estimated # Days > 24-Hour Std:		12.3		12.3		*
Measured # Days > 24-Hour Std:		2		2		0
24-Hour Standard Design Value:		25		50		54
24-Hour Standard 98th Percentile:		40.6		95.0		27.0
2006 Annual Std Design Value:		7.5		9.3		*
2013 Annual Std Design Value:		7.5		9.3		*
Annual Average:		8.6		12.7		*
California:						
Annual Std Designation Value:		9		13		13
Annual Average:		8.7		12.8		*
Year Coverage:		100		99		83

Notes:

Daily PM2.5 averages and related statistics are available at Woodland-Gibson Road between 1999 and 2019. Some years in this range may not be represented.

All averages expressed in micrograms per cubic meter.

An exceedance of a standard is not necessarily related to a violation of the standard.

State statistics are based on California approved samplers, whereas national statistics are based on samplers using federal reference or equivalent methods. State and national statistics may therefore be based on different samplers.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.



Top 4 Summary: Highest 4 Daily Maximum 8-Hour Ozone Averages

at Colusa-Sunrise Blvd



	2017		2018		2019	
	Date	8-Hr Average	Date	8-Hr Average	Date	8-Hr Average
National 2015 Std (0.070 ppm):						
First High:	Aug 2	0.068	Jul 31	0.062	Jul 27	0.055
Second High:	Aug 31	0.066	Aug 10	0.062	Jun 18	0.054
Third High:	Jul 20	0.062	Apr 25	0.061	Jul 25	0.054
Fourth High:	Aug 19	0.062	Aug 25	0.061	Jun 12	0.053
California Std (0.070 ppm):						
First High:	Aug 2	0.068	Aug 10	0.063	Jul 27	0.055
Second High:	Aug 31	0.067	Jul 31	0.062	Jun 12	0.054
Third High:	Jul 20	0.063	Apr 25	0.061	Jun 18	0.054
Fourth High:	Sep 2	0.063	Aug 25	0.061	Jun 19	0.054
National 2015 Std (0.070 ppm):						
# Days Above the Standard:		0		0		0
Nat'l Standard Design Value:		0.063		0.062		0.058
National Year Coverage:		65		97		100
California Std (0.070 ppm):						
# Days Above the Standard:		0		0		0
California Designation Value:		0.070		0.068		0.068
Expected Peak Day Concentration:		*		*		*
California Year Coverage:		62		95		99

Notes:

Eight-hour ozone averages and related statistics are available at Colusa-Sunrise Blvd between 1996 and 2019. Some years in this range may not be represented.

All averages expressed in parts per million.

An exceedance of a standard is not necessarily related to a violation of the standard.

State and national statistics may differ for the following reasons:

National 8-hour averages are truncated to three decimal places; State 8-hour averages are rounded to three decimal places.

State criteria for ensuring that data are sufficiently complete for calculating 8-hour averages are more stringent than the national criteria.

Daily maximum 8-hour averages associated with the National 0.070 ppm standard exclude those 8-hour averages that have first hours between midnight and 6:00 am, Pacific Standard Time.

Daily maximum 8-hour averages associated with the National 0.070 ppm standard include only those 8-hour averages from days that have sufficient data for the day to be considered valid.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

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Top 4 Summary: Highest 4 Daily Maximum 8-Hour Ozone Averages

at Woodland-Gibson Road



	2017		2018		2019	
	Date	8-Hr Average	Date	8-Hr Average	Date	8-Hr Average
National 2015 Std (0.070 ppm):						
First High:	Jun 20	0.074	Aug 9	0.084	Jun 11	0.067
Second High:	Sep 2	0.072	Aug 10	0.073	Jul 25	0.067
Third High:	May 23	0.070	Sep 21	0.069	Apr 24	0.066
Fourth High:	Aug 2	0.067	Sep 27	0.068	Jun 12	0.065
California Std (0.070 ppm):						
First High:	Jun 20	0.074	Aug 9	0.085	Jun 11	0.067
Second High:	Sep 2	0.072	Aug 10	0.073	Jul 25	0.067
Third High:	May 23	0.070	Sep 21	0.070	Apr 24	0.066
Fourth High:	Aug 2	0.068	Sep 27	0.068	Jun 12	0.066
National 2015 Std (0.070 ppm):						
# Days Above the Standard:		2		2		0
Nat'l Standard Design Value:		0.069		0.068		0.066
National Year Coverage:		100		99		99
California Std (0.070 ppm):						
# Days Above the Standard:		2		2		0
California Designation Value:		0.076		0.076		0.073
Expected Peak Day Concentration:		0.077		0.076		0.073
California Year Coverage:		98		99		98

Notes:

Eight-hour ozone averages and related statistics are available at Woodland-Gibson Road between 1998 and 2019. Some years in this range may not be represented.

All averages expressed in parts per million.

An exceedance of a standard is not necessarily related to a violation of the standard.

State and national statistics may differ for the following reasons:

National 8-hour averages are truncated to three decimal places; State 8-hour averages are rounded to three decimal places.

State criteria for ensuring that data are sufficiently complete for calculating 8-hour averages are more stringent than the national criteria.

Daily maximum 8-hour averages associated with the National 0.070 ppm standard exclude those 8-hour averages that have first hours between midnight and 6:00 am, Pacific Standard Time.

Daily maximum 8-hour averages associated with the National 0.070 ppm standard include only those 8-hour averages from days that have sufficient data for the day to be considered valid.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

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at Red Bluff-1834 Walnut Street

	2017		2018		2019	
	Date	8-Hr Average	Date	8-Hr Average	Date	8-Hr Average
National 2015 Std (0.070 ppm):						
First High:	Sep 2	0.082	Aug 10	0.087	Aug 7	0.067
Second High:	Aug 2	0.078	Aug 8	0.076	Aug 1	0.066
Third High:	Sep 3	0.076	Aug 1	0.075	Jul 26	0.065
Fourth High:	Aug 1	0.073	Aug 3	0.075	Aug 14	0.065
California Std (0.070 ppm):						
First High:	Sep 2	0.082	Aug 10	0.087	Aug 7	0.067
Second High:	Aug 2	0.078	Aug 8	0.077	Aug 1	0.066
Third High:	Sep 3	0.077	Aug 1	0.075	Aug 14	0.066
Fourth High:	Aug 1	0.073	Aug 3	0.075	Jul 26	0.065
National 2015 Std (0.070 ppm):						
# Days Above the Standard:		4		8		0
Nat'l Standard Design Value:		0.068		0.072		0.071
National Year Coverage:		99		99		100
California Std (0.070 ppm):						
# Days Above the Standard:		5		11		0
California Designation Value:		0.073		0.078		0.078
Expected Peak Day Concentration:		0.076		0.080		0.079
California Year Coverage:		98		98		99

Notes:

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All averages expressed in parts per million.

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Daily maximum 8-hour averages associated with the National 0.070 ppm standard include only those 8-hour averages from days that have sufficient data for the day to be considered valid.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

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Top 4 Summary: Highest 4 Daily Maximum 8-Hour Ozone Averages

at Willows-720 N Colusa Street



	2017		2018		2019	
	Date	8-Hr Average	Date	8-Hr Average	Date	8-Hr Average
National 2015 Std (0.070 ppm):						
First High:	Aug 31	0.067	Aug 10	0.063	Oct 13	0.060
Second High:	Sep 11	0.066	Aug 25	0.062	Oct 14	0.059
Third High:	May 23	0.065	Jun 3	0.061	Oct 15	0.059
Fourth High:	Sep 1	0.064	Sep 1	0.061	Jun 3	0.058
California Std (0.070 ppm):						
First High:	Aug 31	0.067	Aug 10	0.064	Oct 13	0.061
Second High:	May 23	0.066	Aug 25	0.063	Oct 14	0.059
Third High:	Sep 11	0.066	Sep 1	0.062	Oct 15	0.059
Fourth High:	Sep 1	0.065	Jun 3	0.061	May 4	0.058
National 2015 Std (0.070 ppm):						
# Days Above the Standard:		0		0		0
Nat'l Standard Design Value:		0.063		*		*
National Year Coverage:		92		55		93
California Std (0.070 ppm):						
# Days Above the Standard:		0		0		0
California Designation Value:		0.068		0.067		0.067
Expected Peak Day Concentration:		0.069		*		*
California Year Coverage:		90		55		92

Notes:

Eight-hour ozone averages and related statistics are available at Willows-720 N Colusa Street between 2006 and 2019. Some years in this range may not be represented.

All averages expressed in parts per million.

An exceedance of a standard is not necessarily related to a violation of the standard.

State and national statistics may differ for the following reasons:

National 8-hour averages are truncated to three decimal places; State 8-hour averages are rounded to three decimal places.

State criteria for ensuring that data are sufficiently complete for calculating 8-hour averages are more stringent than the national criteria.

Daily maximum 8-hour averages associated with the National 0.070 ppm standard exclude those 8-hour averages that have first hours between midnight and 6:00 am, Pacific Standard Time.

Daily maximum 8-hour averages associated with the National 0.070 ppm standard include only those 8-hour averages from days that have sufficient data for the day to be considered valid.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.



Top 4 Summary: Highest 4 Daily Maximum Hourly Ozone Measurements

at Red Bluff-1834 Walnut Street

	2017		2018		2019	
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	Sep 2	0.090	Aug 10	0.092	Aug 14	0.075
Second High:	Sep 3	0.088	Jul 31	0.088	Aug 7	0.073
Third High:	Aug 1	0.086	Aug 1	0.086	Aug 27	0.072
Fourth High:	Aug 2	0.084	Aug 3	0.085	Sep 26	0.071
California:						
# Days Above the Standard:		0		0		0
California Designation Value:		0.08		0.09		0.09
Expected Peak Day Concentration:		0.081		0.088		0.086
National:						
# Days Above the Standard:		0		0		0
3-Year Estimated Expected Number of Exceedance Days:		0.0		0.0		0.0
1-Year Estimated Expected Number of Exceedance Days:		0.0		0.0		0.0
Nat'l Standard Design Value:		0.084		0.088		0.088
Year Coverage:		99		98		99

Notes:

Hourly ozone measurements and related statistics are available at Red Bluff-1834 Walnut Street between 2015 and 2019. Some years in this range may not be represented.

All concentrations expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005. Statistics related to the national 1-hour ozone standard are shown in or .

An exceedance of a standard is not necessarily related to a violation of the standard.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.



Top 4 Summary: Highest 4 Daily Maximum Hourly Ozone Measurements

at Willows-720 N Colusa Street

	2017		2018		2019	
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	Sep 1	0.076	Jul 28	0.079	Jun 3	0.072
Second High:	Aug 31	0.075	Sep 7	0.079	Oct 15	0.068
Third High:	Sep 11	0.071	Sep 1	0.075	Aug 23	0.067
Fourth High:	Sep 2	0.070	Aug 25	0.072	Oct 13	0.067
California:						
# Days Above the Standard:		0		0		0
California Designation Value:		0.07		0.08		0.07
Expected Peak Day Concentration:		0.073		*		0.070
National:						
# Days Above the Standard:		0		0		0
3-Year Estimated Expected Number of Exceedance Days:		0.0		0.0		0.0
1-Year Estimated Expected Number of Exceedance Days:		0.0		0.0		0.0
Nat'l Standard Design Value:		0.076		0.079		0.076
Year Coverage:		93		58		95

Notes:

Hourly ozone measurements and related statistics are available at Willows-720 N Colusa Street between 2006 and 2019. Some years in this range may not be represented.

All concentrations expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005. Statistics related to the national 1-hour ozone standard are shown in or .

An exceedance of a standard is not necessarily related to a violation of the standard.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.



Top 4 Summary: Highest 4 Daily Maximum Hourly Ozone Measurements

at Woodland-Gibson Road

	2017		2018		2019	
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	Jun 20	0.089	Aug 9	0.095	Jul 25	0.078
Second High:	Aug 2	0.084	Sep 27	0.090	Aug 15	0.077
Third High:	Sep 2	0.081	Aug 10	0.088	Jun 11	0.076
Fourth High:	Aug 1	0.080	Aug 2	0.087	Apr 24	0.075
California:						
# Days Above the Standard:		0		1		0
California Designation Value:		0.09		0.09		0.09
Expected Peak Day Concentration:		0.087		0.089		0.086
National:						
# Days Above the Standard:		0		0		0
3-Year Estimated Expected Number of Exceedance Days:		0.0		0.0		0.0
1-Year Estimated Expected Number of Exceedance Days:		0.0		0.0		0.0
Nat'l Standard Design Value:		0.086		0.089		0.088
Year Coverage:		100		99		98

Notes:

Hourly ozone measurements and related statistics are available at Woodland-Gibson Road between 1998 and 2019. Some years in this range may not be represented.

All concentrations expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005. Statistics related to the national 1-hour ozone standard are shown in or .

An exceedance of a standard is not necessarily related to a violation of the standard.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.



Top 4 Summary: Highest 4 Daily Maximum Hourly Ozone Measurements

at Colusa-Sunrise Blvd



	2017		2018		2019	
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	Jul 20	0.075	Jul 31	0.073	Jun 14	0.062
Second High:	Aug 29	0.075	Aug 9	0.073	Jul 27	0.062
Third High:	Sep 1	0.075	Aug 10	0.069	Jun 17	0.060
Fourth High:	Aug 31	0.074	Aug 25	0.069	Jul 25	0.060
California:						
# Days Above the Standard:		0		0		0
California Designation Value:		0.08		0.08		0.07
Expected Peak Day Concentration:		*		*		0.068
National:						
# Days Above the Standard:		0		0		0
3-Year Estimated Expected Number of Exceedance Days:		0.0		0.0		0.0
1-Year Estimated Expected Number of Exceedance Days:		0.0		0.0		0.0
Nat'l Standard Design Value:		0.075		0.075		0.074
Year Coverage:		72		96		100

Notes:

Hourly ozone measurements and related statistics are available at Colusa-Sunrise Blvd between 1996 and 2019. Some years in this range may not be represented.

All concentrations expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005. Statistics related to the national 1-hour ozone standard are shown in or .

An exceedance of a standard is not necessarily related to a violation of the standard.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.

Monitor Values Report

Geographic Area: California

Pollutant: CO

Year: 2019

Exceptional Events: Included (if any)

Obs	First Max 8hr	Second Max 8hr	Days 8hr Max >STD	First Max 1hr	Second Max 1hr	Days 1hr Max >STD	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8329	1.1	1.1	0	3.3	1.8	0	None	1	060010009	9925 International Blvd	Oakland	Alameda	CA	09
8158	1.7	1.7	0	2.4	2.3	0	None	1	060010011	1100 21st Street	Oakland	Alameda	CA	09
8297	1	1	0	1.5	1.3	0	None	1	060010012	Laney College Eighth St. Parking Lot Aisle J	Oakland	Alameda	CA	09
8116	1.3	1.3	0	5.6	5.6	0	None	1	060010013	1 Bolivar Dr	Not in a City	Alameda	CA	09
8235	1	0.9	0	1.3	1.3	0	None	1	060010015	Owens Ct.	Pleasanton	Alameda	CA	09
8242	1.3	1	0	1.6	1.5	0	None	3	060070008	984 East Avenue, Chico	Chico	Butte	CA	09
8275	0.8	0.8	0	3.3	1.2	0	None	1	060130002	2956-A Treat Boulevard	Concord	Contra Costa	CA	09
8167	1	0.9	0	1.8	1.7	0	None	1	060131002	5551 Bethel Island Rd	Bethel Island	Contra Costa	CA	09
8188	0.9	0.9	0	1.8	1.3	0	None	1	060131004	1865 D Rumrill Blvd, San Pablo	San Pablo	Contra Costa	CA	09
8682	1.5	1.4	0	1.9	1.8	0	None	3	060190011	3727 N First St, Fresno	Fresno	Fresno	CA	09
7649	2	1	0	10	1.3	0	None	1	060195001	908 N Villa Ave, Clovis	Clovis	Fresno	CA	09
7849	0.8	0.8	0	1.2	1.1	0	None	1	060231004	717 South Avenue	Eureka	Humboldt	CA	09
8343	3.7	3.1	0	4.4	4.3	0	None	3	060250005	1029 Ethel St, Calexico High School	Calexico	Imperial	CA	09
8181	1.2	0.6	0	1.6	1.3	0	None	1	060270002	Wmrc/Ncore, 3000 E. Line St., Bishop, Ca. 93514	Not in a City	Inyo	CA	09
8222	1	0.8	0	1.2	1.2	0	None	1	060292012	2000 South Union Ave. Bakersfield Ca 93307	Bakersfield	Kern	CA	09
8588	1.1	1	0	1.6	1.6	0	None	1	060370002	803 N. Loren Ave., Azusa	Azusa	Los Angeles	CA	09
8514	0.8	0.7	0	1.2	1.1	0	None	2	060370016	840 Laurel, Glendora	Glendora	Los Angeles	CA	09
8657	1.2	1.1	0	1.9	1.8	0	None	1	060370113	Va Hospital, West Los Angeles	West Los Angeles	Los Angeles	CA	09

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Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>

Generated: May 4, 2021

Monitor Values Report

Geographic Area: California

Pollutant: CO

Year: 2019

Exceptional Events: Included (if any)

Obs	First Max 8hr	Second Max 8hr	Days 8hr Max >STD	First Max 1hr	Second Max 1hr	Days 1hr Max >STD	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8624	1.6	1.5	0	2	1.9	0	None	1	060371103	1630 N Main St, Los Angeles	Los Angeles	Los Angeles	CA	09
3191	1.6	1.4	0	2	1.8	0	None	9	060371103	1630 N Main St, Los Angeles	Los Angeles	Los Angeles	CA	09
8599	2.2	1.8	0	2.6	2.5	0	None	1	060371201	18330 Gault St., Reseda	Reseda	Los Angeles	CA	09
8564	3.2	2.9	0	3.8	3.8	0	None	1	060371302	700 North Bullis Road	Compton	Los Angeles	CA	09
8672	1.5	1.4	0	1.9	1.8	0	None	1	060371602	4144 San Gabriel River Pkwy, Pico Rivera	Pico Rivera	Los Angeles	CA	09
8680	1.3	1.2	0	1.7	1.6	0	None	1	060371701	924 N. Garey Ave., Pomona	Pomona	Los Angeles	CA	09
8581	1.2	1.1	0	1.5	1.5	0	None	1	060372005	752 S. Wilson Ave., Pasadena	Pasadena	Los Angeles	CA	09
7999	2.1	1.8	0	3	2.4	0	None	1	060374006	2425 Webster St., Long Beach, Ca	Long Beach	Los Angeles	CA	09
8655	1.3	1.3	0	1.8	1.7	0	None	1	060375005	7201 W. Westchester Parkway	Los Angeles	Los Angeles	CA	09
8510	1.2	1	0	1.5	1.3	0	None	1	060376012	22224 Placerita Canyon Rd, Santa Clarita	Santa Clarita	Los Angeles	CA	09
8162	0.9	0.8	0	1.4	1.4	0	None	1	060379033	43301 Division St., Lancaster, Ca	Lancaster	Los Angeles	CA	09
8049	0.9	0.8	0	1.4	1.3	0	None	1	060410001	534 4th St.	San Rafael	Marin	CA	09
8615	5.3	0.8	0	35	4.5	0	None	1	060531003	867 E. Laurel Dr	Salinas	Monterey	CA	09
8177	1	0.8	0	1.3	1.2	0	None	1	060550004	Magnolia Drive And Route 221	Napa	Napa	CA	09
8647	1.3	1.3	0	2.4	2.4	0	None	1	060590007	1630 W. Pampas Lane	Anaheim	Orange	CA	09
8261	1.6	1.5	0	2.6	2.5	0	None	1	060590008	812 W. Vermont St., Anaheim, Ca 92802	Anaheim	Orange	CA	09
8676	0.8	0.7	0	1	0.9	0	None	1	060592022	26081 Via Pera, Mission Viejo, Ca 92691	Mission Viejo	Orange	CA	09
8620	1.2	1.2	0	2.6	2.5	0	None	1	060595001	621 W. Lambert, La Habra	La Habra	Orange	CA	09

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Generated: May 4, 2021

Monitor Values Report

Geographic Area: California

Pollutant: CO

Year: 2019

Exceptional Events: Included (if any)

Obs	First Max 8hr	Second Max 8hr	Days 8hr Max >STD	First Max 1hr	Second Max 1hr	Days 1hr Max >STD	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8564	0.7	0.5	0	1.3	0.8	0	None	1	060655001	Fs-590 Racquet Club Ave, Palm Springs	Palm Springs	Riverside	CA	09
8451	1.2	1.1	0	1.5	1.5	0	None	1	060658001	5888 Mission Blvd., Rubidoux	Rubidoux	Riverside	CA	09
8660	1.1	1.1	0	1.5	1.5	0	None	9	060658001	5888 Mission Blvd., Rubidoux	Rubidoux	Riverside	CA	09
8646	1.3	1.2	0	2	1.8	0	None	1	060658005	5130 Poinsettia Place	Mira Loma	Riverside	CA	09
8673	0.7	0.7	0	1.6	1.3	0	None	1	060659001	506 W Flint St, Lake Elsinore	Lake Elsinore	Riverside	CA	09
3011	1.4	1.3	0	1.9	1.7	0	None	1	060670002	7823 Blackfoot Way, North Highlands	Not in a City	Sacramento	CA	09
8237	1.2	1.2	0	1.6	1.5	0	None	1	060670006	Del Paso-2701 Avalon Dr, Sacramento	Arden-Arcade	Sacramento	CA	09
7633	1.3	1.2	0	1.4	1.4	0	None	1	060670015	100 Bercut Drive, Sacramento	Sacramento	Sacramento	CA	09
8298	0.4	0.3	0	0.6	0.6	0	None	1	060710001	200 E. Buena Vista, Barstow	Barstow	San Bernardino	CA	09
8685	1.1	1.1	0	1.5	1.4	0	None	1	060710026	Nw Corner Interstate 10 & Etiwanda Ave	Ontario	San Bernardino	CA	09
8056	1.1	1.1	0	1.5	1.2	0	None	1	060710306	14306 Park Ave., Victorville, Ca	Victorville	San Bernardino	CA	09
8025	1.1	0.9	0	1.5	1.3	0	None	1	060711004	1350 San Bernardino Rd., Upland	Upland	San Bernardino	CA	09
8381	1	1	0	2.7	2.2	0	None	1	060712002	14360 Arrow Blvd., Fontana	Fontana	San Bernardino	CA	09
8418	1.1	1	0	1.3	1.2	0	None	1	060719004	24302 4th St., San Bernardino, Ca.	San Bernardino	San Bernardino	CA	09
7503	2.5	1.7	0	4.1	3.5	0	None	1	060731017	11403 Rancho Carmel Drive	San Diego	San Diego	CA	09
7480	1	1	0	1.3	1.3	0	None	1	060731022	533 First Street	El Cajon	San Diego	CA	09
8290	1	0.9	0	1.2	1.2	0	None	1	060750005	10 Arkansas St.	San Francisco	San Francisco	CA	09
8221	1.4	1.3	0	3.1	2.2	0	None	3	060771002	Hazelton-Hd, Stockton	Stockton	San Joaquin	CA	09

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Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>

Generated: May 4, 2021

Monitor Values Report

Geographic Area: California

Pollutant: CO

Year: 2019

Exceptional Events: Included (if any)

Obs	First Max 8hr	Second Max 8hr	Days 8hr Max >STD	First Max 1hr	Second Max 1hr	Days 1hr Max >STD	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8298	1.1	1	0	2	2	0	None	1	060811001	897 Barron Ave.	Redwood City	San Mateo	CA	09
8362	1.2	0.6	0	3.4	2.3	0	None	3	060831008	906 S Broadway - Santa Maria	Santa Maria	Santa Barbara	CA	09
8186	0.5	0.4	0	0.6	0.6	0	Included	1	060831025	Lfc #1-Las Flores Canyon	Capitan	Santa Barbara	CA	09
7771	0.6	0.6	0	1.1	1.1	0	None	1	060832004	128 S 'H' St, Lompoc	Lompoc	Santa Barbara	CA	09
7715	1.3	1.3	0	1.7	1.6	0	None	1	060850005	158b Jackson St	San Jose	Santa Clara	CA	09
8319	1.6	1.5	0	2	2	0	None	1	060850006	1007 Knox Ave	San Jose	Santa Clara	CA	09
8314	1.5	1.5	0	2	1.9	0	None	1	060950004	304 Tuolumne St.	Vallejo	Solano	CA	09
7979	1	0.9	0	1.4	1.2	0	None	1	060970004	103 Morris Street,	Sebastopol	Sonoma	CA	09
8268	1.3	1.2	0	1.8	1.7	0	None	3	060990005	814 14th St., Modesto	Modesto	Stanislaus	CA	09

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Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>

Generated: May 4, 2021