

Carbon Monoxide 1-hour

Form: highest concentration during most recent 3 years.

Site-MCAQD & ADEQ	AQS #	Max 1-hr concentration (ppm)			Background Value (ppm)
		2015	2016	2017	
Buckeye	04-013-4011	0.8	1.2	0.8	1.2
Central Phoenix	04-013-3002	2.8	3.2	3.4	3.4
Diablo	04-013-4019	1.9	2.0	*	*
Dysart	04-013-4010	1.2	0.9	*	*
Glendale	04-013-2001	1.9	2.0	*	*
Greenwood	04-013-3010	3.4	2.9	*	*
JLG Supersite	04-013-9997	2.4	2.3	2.6	2.6
Mesa	04-013-1003	2.2	1.9	2.2	2.2
North Phoenix	04-013-1004	1.9	1.8	*	*
South Phoenix	04-013-4003	3.0	3.2	3.5	3.5
South Scottsdale	04-013-3003	3.3	4.6	*	*
Tempe	04-013-4005	1.8	2.0	2.0	2.0
West Chandler	04-013-4004	1.8	2.0	1.8	2.0
West Phoenix	04-013-0019	4.2	3.9	4.6	4.6

*These monitors were shut down in 2016

Carbon Monoxide 8-hour

Form: highest concentration during most recent 3 years.

Site-MCAQD & ADEQ		Max 8-hr concentration (ppm)			Background Value (ppm)
		2015	2016	2017	
Buckeye	04-013-4011	0.5	0.4	0.6	0.6
Central Phoenix	04-013-3002	2.0	2.5	2.2	2.5
Diablo	04-013-4019	1.6	1.5	*	*
Dysart	04-013-4010	0.7	0.5	*	*
Glendale	04-013-2001	1.6	1.7	*	*
Greenwood	04-013-3010	2.4	2.2	*	*
JLG Supersite	04-013-9997	1.9	1.9	1.8	1.9
Mesa	04-013-1003	1.5	1.5	1.5	1.5
North Phoenix	04-013-1004	1.4	1.2	*	*
South Phoenix	04-013-4003	2.1	2.3	2.6	2.6
South Scottsdale	04-013-3003	1.4	1.8	*	*
Tempe	04-013-4005	1.4	1.8	1.7	1.8
West Chandler	04-013-4004	1.6	1.4	1.5	1.6
West Phoenix	04-013-0019	2.8	3.2	3.4	3.4

*These monitors were shut down in 2016

Source: US EPA AQS Report AMP450 (Quick Look Report)

Nitrogen Dioxide 1-hour

Form: 98th percentile of the annual distribution of daily maximum 1-hour values averaged across the

Site-MCAQD & ADEQ	AQS#	98th Percentile (ppb)			Background Value (ppb)
		2015	2016	2017	
Buckeye	04-013-4011	34.0	29.0	34.0	32.3
Central Phoenix	04-013-3002	59.0	59.0	62.0	60.0
Diablo	04-013-4019	53.0	54.0	58.0	55.0
Greenwood	04-013-3010	61.0	59.0	*	*
JLG Supersite	04-013-9997	50.0	51.2	51.6	50.9
Thirty-third	04-013-4020	n/a	63.0	67.0	n/a
West Phoenix	04-013-0019	55.0	54.0	56.0	55.0

Nitrogen Dioxide Annual

Form: Highest annual concentration for most recent three years

Site-MCAQD & ADEQ	AQS#	Annual Concentration (ppb)			Background Value (ppb)
		2015	2016	2017	
Buckeye	04-013-4011	7.1	6.9	7.7	7.7
Central Phoenix	04-013-3002	17.9	17.3	18.2	18.2
Diablo	04-013-4019	21.4	21.5	21.7	21.7
Greenwood	04-013-3010	21.9	*	*	*
JLG Supersite	04-013-9997	13.1	13.3	15.3	15.3
Thirty-third	04-013-4020	n/a	30.9	30.6	n/a
West Phoenix	04-013-0019	16.4	16.2	17.0	17.0

*This monitor was shut down in 2016

Source: US EPA AQS Report AMP450 (Quick Look Report)

Particulate Matter <10 microns (PM10) Exceptional events have been excluded

Form: 98th percentile of the annual distribution of daily maximum daily values averaged across the

Site-MCAQD & ADEQ	AQS#	98th Percentile (µg/m ³)			Background Value (µg/m ³)
		2015	2016	2017	
Buckeye	04-013-4011	77.7	92.7	110.0	93.5
Central Phoenix	04-013-3002	52.7	83.7	85.8	74.1
Durango Complex	04-013-9812	77.5	76.7	134.9	96.4
Dysart	04-013-4010	56.0	75.7	73.5	68.4
Glendale	04-013-2001	38.0	52.0	51.9	47.3
Greenwood	04-013-3010	73.6	82.0	*	*
Higley	04-013-4006	n/a	n/a	101.0	n/a
JLG Supersite	04-013-9997	50.9	69.8	82.0	67.6
Mesa	04-013-1003	37.0	60.4	67.9	55.1
North Phoenix	04-013-1004	44.5	53.7	51.0	49.7
South Phoenix	04-013-4003	61.6	72.3	93.9	75.9
South Scottsdale	04-013-3003	47.0	68.0	73.5	62.8
Tempe	04-013-4005	41.0	60.5	61.4	54.3
West 43rd Ave	04-013-4009	86.3	106.0	131.0	107.8
West Chandler	04-013-4004	56.0	83.7	91.5	77.1
West Phoenix	04-013-0019	59.9	65.6	86.0	70.5
Zuni Hills	04-013-4016	61.2	79.6	61.8	67.5
Gila River Indian Community					
Casa Blanca	04-021-7004	99.8	118.0	129.0	115.6
Sacaton	04-021-7001	72.8	114.5	136.6	108.0
St. Johns	04-013-7003	66.8	93.9	113.5	91.4
Salt River Pima-Maricopa Indian Community					
Lehi	04-013-7022	54.8	73.8	61.8	63.5
Senior Center	04-013-7020	55.7	73.0	82.8	70.5
High School	04-013-7024	76.2	91.7	83.8	83.9
Pinal County Air Quality					
Apache Junction Fire Stat	04-021-3002	36.8	63.0	56.3	52.0
Combs	04-021-3009	81.8	102.0	112.6	91.9

*This monitor was shut down in 2016

annual distribution.

Particulate Matter <2.5 microns (PM2.5) Exceptional events have been excluded

Form: Average of the 98th percentile 24-hour values over most recent three years

Site-MCAQD & ADEQ	AQS#	98th Percentile (µg/m ³)			Background Value (µg/m ³)
		2015	2016	2017	
Diablo	04-013-4019	17.0	16.6	21.3	18.3
Durango Complex	04-013-9812	27.1	22.7	30.6	26.8
Glendale	04-013-2001	18.9	17.7	16.7	17.8
JLG Supersite	04-013-9997	23.2	19.4	20.7	21.1
Mesa	04-013-1003	16.6	14.0	19.0	16.5
North Phoenix	04-013-1004	17.8	16.3	18.9	17.7
South Phoenix	04-013-4003	27.7	22.8	25.0	25.2
Tempe	04-013-4005	n/a	14.9	16.2	n/a
West Phoenix	04-013-0019	27.5	23.8	30.2	27.2
Salt River Pima-Maricopa Indian Community					
Senior Center	04-013-7020	8.2	21.5	14.9	14.9
Pinal County Air Quality					
AJ Fire Station	04-021-3002	8.9	11.8	12.8	11.2
Casa Grande Downtown	04-021-0001	16.8	16.8	23.3	19.0

Particulate Matter <2.5 microns (PM2.5) Exceptional events have been excluded

Form: Average of the annual values over most recent three years

Site-MCAQD & ADEQ	AQS#	Annual Concentration (µg/m ³)			Background Value (µg/m ³)
		2015	2016	2017	
Diablo	04-013-4019	7.9	7.9	8.1	8.0
Durango Complex	04-013-9812	9.0	9.5	10.2	9.6
Glendale	04-013-2001	7.0	6.7	6.7	6.8
JLG Supersite	04-013-9997	7.7	7.9	5.7	7.1
Mesa	04-013-1003	6.7	6.7	8.1	7.2
North Phoenix	04-013-1004	6.7	6.5	7.5	6.9
South Phoenix	04-013-4003	9.0	8.4	9.0	8.8
Tempe	04-013-4005	n/a	6.8	7.1	n/a
West Phoenix	04-013-0019	8.6	8.8	9.6	9.0
Salt River Pima-Maricopa Indian Community					
Senior Center	04-013-7020	4.8	8.6	7.7	7.0
Pinal County Air Quality					
AJ Fire Station	04-021-3002	4.8	5.2	5.5	5.2
Casa Grande Downtown	04-021-0001	7.5	8.6	9.6	8.6

Source: US EPA AQS report AMP480 (Design Value Report)

Sulfur Dioxide

Form: 99th percentile of the annual distribution of daily maximum 1-hour values averaged across the

Site-MCAQD & ADEQ	AQS#	99th Percentile (ppb)			Background Value (ppb)
		2015	2016	2017	
Central Phoenix	04-013-3002	7.0	6.0	8.0	7.0
Durango Complex	04-013-9812	9.0	7.0	10.0	8.7
JLG Supersite	04-013-9997	5.4	5.1	6.4	5.6

Source: US EPA AQS Report AMP450 (Quick Look Report)