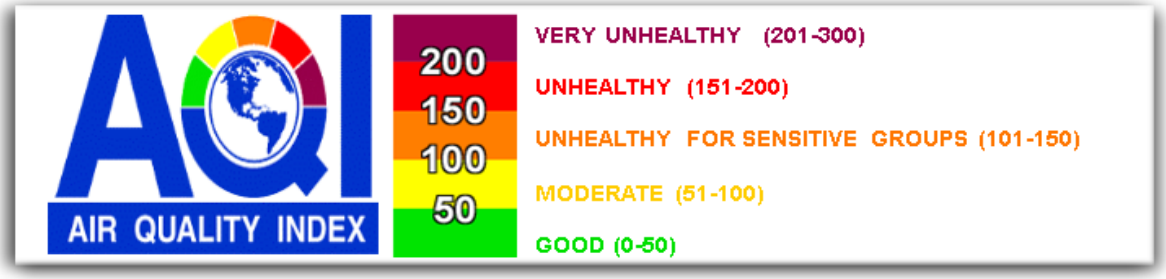
PM_{10} $PM_{2.5}$

ADEQ Arizona Department of Environmental Quality

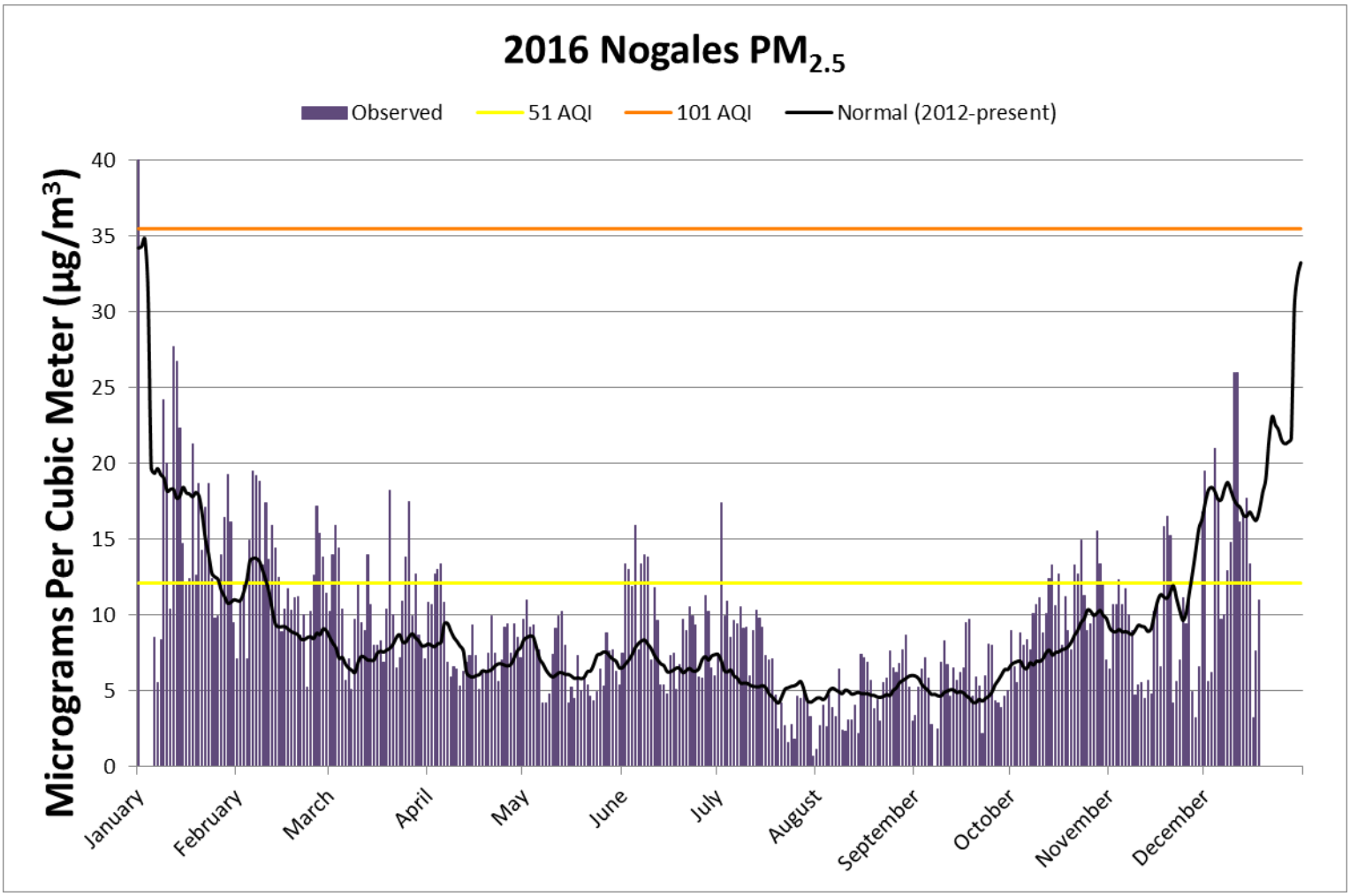


OBSERVED NOGALES AREA PM2.5 DATA FOR 2016

Disclaimer: The data provided in this document are preliminary and have not yet been quality assured and certified in the Environmental Protection Agency's (EPA) Air Quality System database. The data are for the purpose of providing general information to the public. This product is updated weekly.

Year to Date (Jan 1 - Dec 18)

	Good days	Moderate days	Exceedance days
Number of days	272	75	1



Daily maximum PM2.5 concentration (purple) for the Phoenix area measured in micrograms per cubic meter (µg/m3). The normal line (black) is a rolling weekly average of historical PM2.5 data. The yellow and orange lines are Air Quality Index (AQI) category breakpoints.

*Scroll to bottom for list of exceedance days.

Daily Maximum PM2.5 Observations

January			February			March		
Date	µg/m3	AQI	Date	µg/m3	AQI	Date	µg/m3	AQI
1/1/2016	133.1	191	2/1/2016	7.1	30	3/1/2016	10.2	43
1/2/2016	NA	NA	2/2/2016	10.9	45	3/2/2016	14	55
1/3/2016	NA	NA	2/3/2016	12	50	3/3/2016	15.9	59
1/4/2016	NA	NA	2/4/2016	7.1	30	3/4/2016	14.4	56
1/5/2016	NA	NA	2/5/2016	14.9	57	3/5/2016	10.4	43
1/6/2016	8.5	35	2/6/2016	19.5	67	3/6/2016	5.7	24
1/7/2016	5.5	23	2/7/2016	19.2	66	3/7/2016	7.1	30
1/8/2016	8.4	35	2/8/2016	18.8	65	3/8/2016	5.1	21
1/9/2016	24.2	76	2/9/2016	13.3	54	3/9/2016	9.7	40
1/10/2016	20	68	2/10/2016	17.4	62	3/10/2016	12	50
1/11/2016	10.4	43	2/11/2016	13.7	54	3/11/2016	9.5	40
1/12/2016	27.7	84	2/12/2016	15.9	59	3/12/2016	9	38
1/13/2016	26.7	82	2/13/2016	14.4	56	3/13/2016	14	55
1/14/2016	22.3	72	2/14/2016	12.5	52	3/14/2016	10.7	45
1/15/2016	14.7	56	2/15/2016	8.9	37	3/15/2016	8	33
1/16/2016	12.2	51	2/16/2016	10.4	43	3/16/2016	8	33
1/17/2016	12.4	52	2/17/2016	11.7	49	3/17/2016	8.3	35
1/18/2016	21.3	70	2/18/2016	10.3	43	3/18/2016	6.9	29
1/19/2016	12.6	52	2/19/2016	11.1	46	3/19/2016	10.4	43
1/20/2016	18.7	65	2/20/2016	11.2	47	3/20/2016	18.2	64
1/21/2016	14.3	56	2/21/2016	8.7	36	3/21/2016	10	42
1/22/2016	17.1	62	2/22/2016	10	42	3/22/2016	6.5	27
1/23/2016	18.7	65	2/23/2016	5.2	22	3/23/2016	7.2	30
1/24/2016	12.4	52	2/24/2016	10.2	43	3/24/2016	10.9	45
1/25/2016	9.8	41	2/25/2016	12.6	52	3/25/2016	13.8	55
1/26/2016	9.9	41	2/26/2016	17.2	62	3/26/2016	17.5	62
1/27/2016	14	55	2/27/2016	15.4	58	3/27/2016	9.9	41
1/28/2016	16.4	60	2/28/2016	13.8	55	3/28/2016	12.7	52
1/29/2016	19.3	66	2/29/2016	11.4	48	3/29/2016	8.7	36
1/30/2016	16.1	59				3/30/2016	8	33
1/31/2016	9.5	40				3/31/2016	7.1	30

April			May			June		
Date	µg/m3	AQI	Date	µg/m3	AQI	Date	µg/m3	AQI
4/1/2016	10.8	45	5/1/2016	9.7	40	6/1/2016	7.5	31
4/2/2016	10.7	45	5/2/2016	11	46	6/2/2016	13.4	54
4/3/2016	12.7	52	5/3/2016	9.2	38	6/3/2016	13	53
4/4/2016	13	53	5/4/2016	9.3	39	6/4/2016	11.9	50
4/5/2016	13.4	54	5/5/2016	7.5	31	6/5/2016	15.9	59
4/6/2016	10.8	45	5/6/2016	7.7	32	6/6/2016	7.7	32
4/7/2016	6.9	29	5/7/2016	4.2	18	6/7/2016	13.4	54
4/8/2016	5.9	25	5/8/2016	4.2	18	6/8/2016	14	55
4/9/2016	6.6	28	5/9/2016	4.8	20	6/9/2016	13.8	55
4/10/2016	6.4	27	5/10/2016	7.4	31	6/10/2016	7	29
4/11/2016	5.3	22	5/11/2016	9.1	38	6/11/2016	11.8	49
4/12/2016	6.3	26	5/12/2016	9.9	41	6/12/2016	9.6	40
4/13/2016	6.9	29	5/13/2016	10.2	43	6/13/2016	5.4	23
4/14/2016	7.3	30	5/14/2016	8	33	6/14/2016	5.4	23
4/15/2016	9.3	39	5/15/2016	4.2	18	6/15/2016	4.8	20
4/16/2016	7.3	30	5/16/2016	5.2	22	6/16/2016	7.3	30
4/17/2016	5.1	21	5/17/2016	4.5	19	6/17/2016	7.5	31
4/18/2016	6.3	26	5/18/2016	7.3	30	6/18/2016	5.1	21
4/19/2016	6.2	26	5/19/2016	5	21	6/19/2016	6.7	28
4/20/2016	7.5	31	5/20/2016	5.8	24	6/20/2016	9.7	40
4/21/2016	9.9	41	5/21/2016	5.4	23	6/21/2016	9	38
4/22/2016	7.5	31	5/22/2016	4.6	19	6/22/2016	10.5	44
4/23/2016	5.6	23	5/23/2016	4.3	18	6/23/2016	9.9	41
4/24/2016	7	29	5/24/2016	4.9	20	6/24/2016	9.3	39
4/25/2016	9.2	38	5/25/2016	6.4	27	6/25/2016	5.9	25
4/26/2016	9.4	39	5/26/2016	5.3	22	6/26/2016	5.8	24
4/27/2016	7.5	31	5/27/2016	8.8	37	6/27/2016	11.3	47
4/28/2016	9.4	39	5/28/2016	7.6	32	6/28/2016	10.2	43
4/29/2016	8.5	35	5/29/2016	7.7	32	6/29/2016	6.5	27
4/30/2016	7.2	30	5/30/2016	6.3	26	6/30/2016	6	25
			5/31/2016	5.4	23			

July			August			September		
Date	µg/m3	AQI	Date	µg/m3	AQI	Date	µg/m3	AQI
7/1/2016	7.5	31	8/1/2016	1.1	5	9/1/2016	3.4	14
7/2/2016	17.4	62	8/2/2016	2.7	11	9/2/2016	5.2	22
7/3/2016	9.9	41	8/3/2016	4	17	9/3/2016	6.4	27
7/4/2016	10.9	45	8/4/2016	2.6	11	9/4/2016	7.2	30
7/5/2016	8.5	35	8/5/2016	4.7	20	9/5/2016	5.8	24
7/6/2016	9.6	40	8/6/2016	3.9	16	9/6/2016	2.8	12
7/7/2016	9.4	39	8/7/2016	3.3	14	9/7/2016	NA	NA
7/8/2016	10.5	44	8/8/2016	6.4	27	9/8/2016	2.5	10
7/9/2016	9.1	38	8/9/2016	2.4	10	9/9/2016	6.9	29
7/10/2016	9.2	38	8/10/2016	2.3	10	9/10/2016	8.3	35
7/11/2016	6	25	8/11/2016	3.1	13	9/11/2016	6.7	28
7/12/2016	9	38	8/12/2016	3.1	13	9/12/2016	4.6	19
7/13/2016	10.3	43	8/13/2016	4	17	9/13/2016	6.5	27
7/14/2016	9.8	41	8/14/2016	2.2	9	9/14/2016	5.7	24
7/15/2016	9.2	38	8/15/2016	7.4	31	9/15/2016	6.2	26
7/16/2016	7.3	30	8/16/2016	7.2	30	9/16/2016	6.5	27
7/17/2016	7	29	8/17/2016	6.9	29	9/17/2016	9.5	40
7/18/2016	7.1	30	8/18/2016	5.7	24	9/18/2016	9.7	40
7/19/2016	4.7	20	8/19/2016	3.8	16	9/19/2016	4.6	19
7/20/2016	2.5	10	8/20/2016	4.4	18	9/20/2016	5.9	25
7/21/2016	4.2	18	8/21/2016	3	13	9/21/2016	5.3	22
7/22/2016	2.7	11	8/22/2016	5.5	23	9/22/2016	2.2	9
7/23/2016	1.6	7	8/23/2016	5.8	24	9/23/2016	6	25
7/24/2016	2.8	12	8/24/2016	7.6	32	9/24/2016	8.1	34
7/25/2016	1.8	8	8/25/2016	6.5	27	9/25/2016	8	33
7/26/2016	4.6	19	8/26/2016	6.2	26	9/26/2016	4.3	18
7/27/2016	4.5	19	8/27/2016	6.8	28	9/27/2016	4.2	18
7/28/2016	5.2	22	8/28/2016	7.7	32	9/28/2016	3.9	16
7/29/2016	4.3	18	8/29/2016	8.7	36	9/29/2016	4.6	19
7/30/2016	3.3	14	8/30/2016	5.2	22	9/30/2016	5	21
7/31/2016	0.7	3	8/31/2016	3	13			

October			November			December		
Date	µg/m3	AQI	Date	µg/m3	AQI	Date	µg/m3	AQI
10/1/2016	9	38	11/1/2016	6.4	27	12/1/2016	19.5	67
10/2/2016	6.6	28	11/2/2016	10.7	45	12/2/2016	5.6	23
10/3/2016	5.5	23	11/3/2016	10.7	45	12/3/2016	6.2	26
10/4/2016	8.8	37	11/4/2016	12.3	51	12/4/2016	21	70
10/5/2016	8	33	11/5/2016	10.7	45	12/5/2016	17.6	63
10/6/2016	8.4	35	11/6/2016	11.7	49	12/6/2016	9.7	40
10/7/2016	7.7	32	11/7/2016	10	42	12/7/2016	10	42
10/8/2016	10.1	42	11/8/2016	9	38	12/8/2016	12.9	53
10/9/2016	10.7	45	11/9/2016	4.7	20	12/9/2016	14.8	57
10/10/2016	11.1	46	11/10/2016	5.4	23	12/10/2016	26	80
10/11/2016	8.8	37	11/11/2016	5.5	23	12/11/2016	26	80
10/12/2016	10.1	42	11/12/2016	4.5	19	12/12/2016	16.1	59
10/13/2016	12.4	52	11/13/2016	5.7	24	12/13/2016	16.6	60
10/14/2016	13.3	54	11/14/2016	4.8	20	12/14/2016	17.7	63
10/15/2016	10.6	44	11/15/2016	10.2	43	12/15/2016	13.4	54
10/16/2016	12.7	52	11/16/2016	10.7	45	12/16/2016	3.2	13
10/17/2016	8	33	11/17/2016	6.6	28	12/17/2016	7.6	32
10/18/2016	11.2	47	11/18/2016	15.8	59	12/18/2016	11	46
10/19/2016	9	38	11/19/2016	16.5	60			
10/20/2016	7.7	32	11/20/2016	15.2	58			
10/21/2016	13.3	54	11/21/2016	4.2	18			
10/22/2016	12.7	52	11/22/2016	5.6	23			
10/23/2016	14.9	57	11/23/2016	7	29			
10/24/2016	11.3	47	11/24/2016	11.1	46			
10/25/2016	9	38	11/25/2016	9.4	39			
10/26/2016	9.4	39	11/26/2016	11.1	46			
10/27/2016	10.1	42	11/27/2016	4.9	20			
10/28/2016	15.5	58	11/28/2016	3.2	13			
10/29/2016	13.4	54	11/29/2016	6.6	28			
10/30/2016	12	50	11/30/2016	16.8	61			
10/31/2016	7	29						

2016 PM2.5 Exceedance Day List

Date	µg/m3	AQI
1/1/2016	133.1	191