

# Observed Air Quality Report



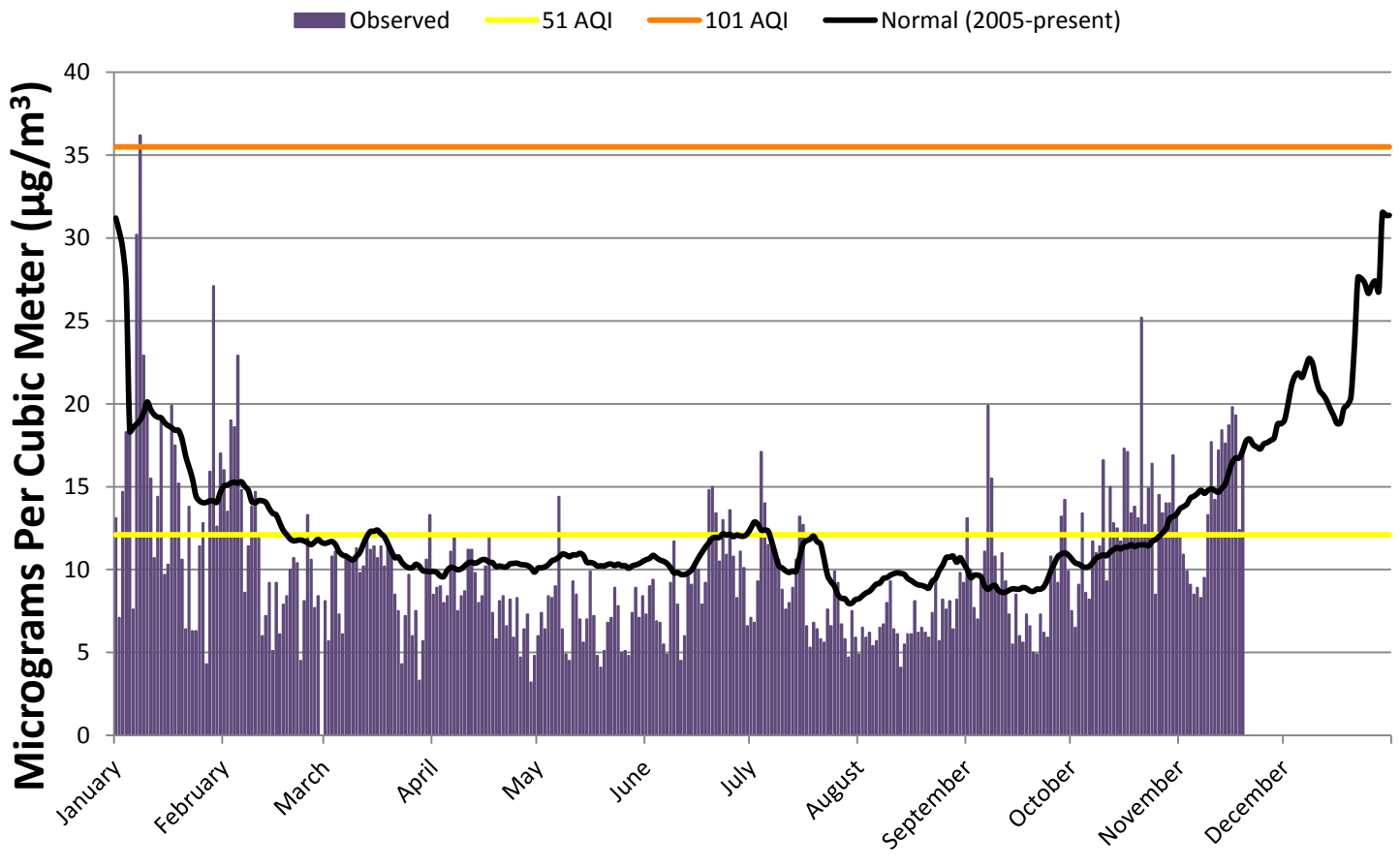
## 2017 Phoenix PM<sub>2.5</sub>

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 - Nov 19)

	Good days	Moderate days	Exceedance days
Number of days	243	79	1

### 2017 Phoenix PM<sub>2.5</sub>



Daily maximum PM<sub>2.5</sub> concentration (purple) for the Phoenix area measured in micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ). The normal line (black) is a rolling weekly average of historical PM<sub>2.5</sub> 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
1/1/2017	13.1	53	2/1/2017	16	59	3/1/2017	8.1	34
1/2/2017	7.1	30	2/2/2017	13.5	54	3/2/2017	5.7	24
1/3/2017	14.7	56	2/3/2017	19	66	3/3/2017	10.8	45
1/4/2017	18.3	64	2/4/2017	18.6	65	3/4/2017	11.1	46
1/5/2017	20.1	68	2/5/2017	22.9	74	3/5/2017	7.3	30
1/6/2017	7.6	32	2/6/2017	14.8	57	3/6/2017	6.1	25
1/7/2017	30.2	89	2/7/2017	8.6	36	3/7/2017	10.9	45
1/8/2017	36.2	103	2/8/2017	11.4	48	3/8/2017	10.7	45
1/9/2017	22.9	74	2/9/2017	13.8	55	3/9/2017	10.5	44
1/10/2017	19.7	67	2/10/2017	14.7	56	3/10/2017	11.3	47
1/11/2017	15.5	58	2/11/2017	12.2	51	3/11/2017	9.8	41
1/12/2017	10.7	45	2/12/2017	6	25	3/12/2017	10.2	43
1/13/2017	14.4	56	2/13/2017	7.2	30	3/13/2017	12.2	51
1/14/2017	19	66	2/14/2017	9.2	38	3/14/2017	11.2	47
1/15/2017	9.7	40	2/15/2017	5.1	21	3/15/2017	11.4	48
1/16/2017	10.3	43	2/16/2017	9.2	38	3/16/2017	10.7	45
1/17/2017	19.9	67	2/17/2017	6.1	25	3/17/2017	11.4	48
1/18/2017	17.5	62	2/18/2017	7.9	33	3/18/2017	10.2	43
1/19/2017	15.2	58	2/19/2017	8.4	35	3/19/2017	11.7	49
1/20/2017	10.6	44	2/20/2017	10	42	3/20/2017	10.9	45
1/21/2017	6.4	27	2/21/2017	10.7	45	3/21/2017	8.5	35
1/22/2017	13.8	55	2/22/2017	10.4	43	3/22/2017	7.5	31
1/23/2017	6.3	26	2/23/2017	4.5	19	3/23/2017	4.3	18
1/24/2017	6.3	26	2/24/2017	8.1	34	3/24/2017	7.2	30
1/25/2017	11.4	48	2/25/2017	13.3	54	3/25/2017	9.7	40
1/26/2017	12.8	52	2/26/2017	10.6	44	3/26/2017	6	25
1/27/2017	4.3	18	2/27/2017	7.7	32	3/27/2017	7.5	31
1/28/2017	15.9	59	2/28/2017	8.4	35	3/28/2017	3.3	14
1/29/2017	27.1	83				3/29/2017	5.7	24
1/30/2017	12.6	52				3/30/2017	10.6	44
1/31/2017	17	61				3/31/2017	13.3	54

April			May			June		
Date	µg/m3	AQI	Date	µg/m3	AQI	Date	µg/m3	AQI
4/1/2017	8.5	35	5/1/2017	6	25	6/1/2017	7.3	30
4/2/2017	8.9	37	5/2/2017	7.4	31	6/2/2017	9	38
4/3/2017	9	38	5/3/2017	6.4	27	6/3/2017	9.4	39
4/4/2017	8	33	5/4/2017	8.4	35	6/4/2017	6.9	29
4/5/2017	8.4	35	5/5/2017	8.3	35	6/5/2017	6.8	28
4/6/2017	11.1	46	5/6/2017	9	38	6/6/2017	5.5	23
4/7/2017	12	50	5/7/2017	14.4	56	6/7/2017	4.9	20
4/8/2017	7.5	31	5/8/2017	6.4	27	6/8/2017	9.2	38
4/9/2017	8.4	35	5/9/2017	4.9	20	6/9/2017	11.7	49
4/10/2017	8.7	36	5/10/2017	4.5	19	6/10/2017	7.9	33
4/11/2017	11.2	47	5/11/2017	9.3	39	6/11/2017	4.5	19
4/12/2017	11.2	47	5/12/2017	8.5	35	6/12/2017	6	25
4/13/2017	9.8	41	5/13/2017	7	29	6/13/2017	9.6	40
4/14/2017	8	33	5/14/2017	5.6	23	6/14/2017	9.1	38
4/15/2017	8.4	35	5/15/2017	7	29	6/15/2017	10.4	43
4/16/2017	10.2	43	5/16/2017	9.9	41	6/16/2017	10	42
4/17/2017	12.1	51	5/17/2017	7.2	30	6/17/2017	7.9	33
4/18/2017	7.4	31	5/18/2017	4.8	20	6/18/2017	9.2	38
4/19/2017	5.8	24	5/19/2017	4.1	17	6/19/2017	14.8	57
4/20/2017	8.1	34	5/20/2017	5.1	21	6/20/2017	15	57
4/21/2017	8.4	35	5/21/2017	6.8	28	6/21/2017	13.4	54
4/22/2017	6.6	28	5/22/2017	7.1	30	6/22/2017	10.5	44
4/23/2017	8.2	34	5/23/2017	8.9	37	6/23/2017	13	53
4/24/2017	5.9	25	5/24/2017	7.8	33	6/24/2017	10.9	45
4/25/2017	8.3	35	5/25/2017	5	21	6/25/2017	13.6	54
4/26/2017	4.7	20	5/26/2017	5.1	21	6/26/2017	10.8	45
4/27/2017	6.4	27	5/27/2017	4.8	20	6/27/2017	8.3	35
4/28/2017	7.3	30	5/28/2017	7.4	31	6/28/2017	11.1	46
4/29/2017	3.2	13	5/29/2017	8.9	37	6/29/2017	10.1	42
4/30/2017	4.8	20	5/30/2017	7.1	30	6/30/2017	6.6	28
			5/31/2017	8.4	35			

July			August			September		
Date	µg/m3	AQI	Date	µg/m3	AQI	Date	µg/m3	AQI
7/1/2017	7.1	30	8/1/2017	4.9	20	9/1/2017	13.1	53
7/2/2017	6.8	28	8/2/2017	6.5	27	9/2/2017	10	42
7/3/2017	9.3	39	8/3/2017	5.9	25	9/3/2017	7.7	32
7/4/2017	17.1	62	8/4/2017	6.2	26	9/4/2017	7	29
7/5/2017	14	55	8/5/2017	5.4	23	9/5/2017	9.3	39
7/6/2017	11.5	48	8/6/2017	5.7	24	9/6/2017	11.1	46
7/7/2017	11.6	48	8/7/2017	6.5	27	9/7/2017	19.9	67
7/8/2017	10.8	45	8/8/2017	6.7	28	9/8/2017	15.5	58
7/9/2017	10.6	44	8/9/2017	8	33	9/9/2017	10.8	45
7/10/2017	8.8	37	8/10/2017	9.3	39	9/10/2017	8.7	36
7/11/2017	7.6	32	8/11/2017	6.4	27	9/11/2017	11	46
7/12/2017	8	33	8/12/2017	6.1	25	9/12/2017	9.3	39
7/13/2017	8.9	37	8/13/2017	4.1	17	9/13/2017	7.3	30
7/14/2017	10.6	44	8/14/2017	5.5	23	9/14/2017	5.5	23
7/15/2017	13.2	53	8/15/2017	6.1	25	9/15/2017	8.5	35
7/16/2017	12.7	52	8/16/2017	6.1	25	9/16/2017	6	25
7/17/2017	6.6	28	8/17/2017	8.1	34	9/17/2017	5.6	23
7/18/2017	5.3	22	8/18/2017	6.2	26	9/18/2017	7.3	30
7/19/2017	6.8	28	8/19/2017	6.5	27	9/19/2017	6.6	28
7/20/2017	6.4	27	8/20/2017	6.2	26	9/20/2017	5	21
7/21/2017	5.8	24	8/21/2017	5.9	25	9/21/2017	4.9	20
7/22/2017	5.6	23	8/22/2017	7.4	31	9/22/2017	7.3	30
7/23/2017	7.6	32	8/23/2017	9.4	39	9/23/2017	6.2	26
7/24/2017	6.6	28	8/24/2017	5.7	24	9/24/2017	5.9	25
7/25/2017	9.9	41	8/25/2017	8.2	34	9/25/2017	10.8	45
7/26/2017	9.2	38	8/26/2017	7.6	32	9/26/2017	10.3	43
7/27/2017	6.7	28	8/27/2017	8.1	34	9/27/2017	9.2	38
7/28/2017	5.8	24	8/28/2017	6.4	27	9/28/2017	13.2	53
7/29/2017	4.7	20	8/29/2017	8.2	34	9/29/2017	14.2	55
7/30/2017	7.5	31	8/30/2017	9.8	41	9/30/2017	9.9	41
7/31/2017	5.9	25	8/31/2017	9.2	38			

October			November			December		
Date	µg/m3	AQI	Date	µg/m3	AQI	Date	µg/m3	AQI
10/1/2017	7.5	31	11/1/2017	12.1	51			
10/2/2017	6.5	27	11/2/2017	10.9	45			
10/3/2017	9.1	38	11/3/2017	9.9	41			
10/4/2017	13.4	54	11/4/2017	9.1	38			
10/5/2017	8.6	36	11/5/2017	8.5	35			
10/6/2017	8.2	34	11/6/2017	8.9	37			
10/7/2017	11.7	49	11/7/2017	8.3	35			
10/8/2017	11	46	11/8/2017	9.5	40			
10/9/2017	11.4	48	11/9/2017	13.3	54			
10/10/2017	16.6	60	11/10/2017	17.7	63			
10/11/2017	9.3	39	11/11/2017	14.2	55			
10/12/2017	15	57	11/12/2017	17.2	62			
10/13/2017	12.8	52	11/13/2017	18.4	64			
10/14/2017	12.5	52	11/14/2017	17.6	63			
10/15/2017	11.7	49	11/15/2017	18.7	65			
10/16/2017	17.3	62	11/16/2017	19.8	67			
10/17/2017	17.1	62	11/17/2017	19.3	66			
10/18/2017	13.4	54	11/18/2017	12.4	52			
10/19/2017	13.8	55	11/19/2017	17.4	62			
10/20/2017	13.1	53						
10/21/2017	25.2	79						
10/22/2017	12.7	52						
10/23/2017	14.9	57						
10/24/2017	16.4	60						
10/25/2017	8.5	35						
10/26/2017	14.5	56						
10/27/2017	13.4	54						
10/28/2017	14	55						
10/29/2017	14	55						
10/30/2017	16.9	61						
10/31/2017	13.3	54						

**2017 PM2.5 Exceedance Day List**

Date	$\mu\text{g}/\text{m}^3$	AQI
1/8/2017	36.2	103