

Observed Air Quality Report

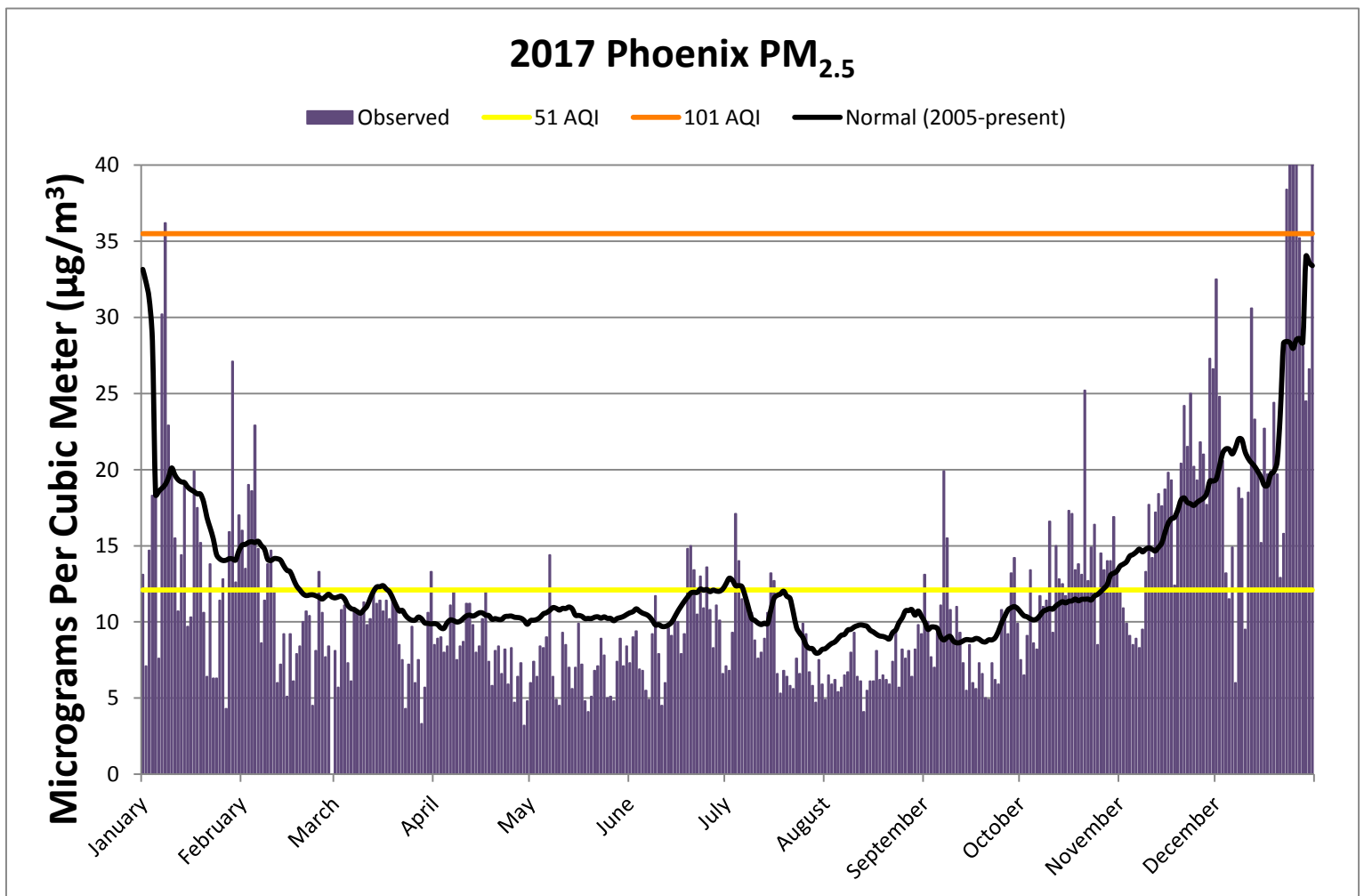


2017 Phoenix PM_{2.5}

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 31)

	Good days	Moderate days	Exceedance days
Number of days	246	113	6



Daily maximum PM_{2.5} 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_{2.5} 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
1/1/2017	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	12/1/2017	32.5	94
10/2/2017	6.5	27	11/2/2017	10.9	45	12/2/2017	24.8	78
10/3/2017	9.1	38	11/3/2017	9.9	41	12/3/2017	20.6	69
10/4/2017	13.4	54	11/4/2017	9.1	38	12/4/2017	13.2	53
10/5/2017	8.6	36	11/5/2017	8.5	35	12/5/2017	11.5	48
10/6/2017	8.2	34	11/6/2017	8.9	37	12/6/2017	14.9	57
10/7/2017	11.7	49	11/7/2017	8.3	35	12/7/2017	6	25
10/8/2017	11	46	11/8/2017	9.5	40	12/8/2017	18.8	65
10/9/2017	11.4	48	11/9/2017	13.3	54	12/9/2017	18.1	64
10/10/2017	16.6	60	11/10/2017	17.7	63	12/10/2017	9.5	40
10/11/2017	9.3	39	11/11/2017	14.2	55	12/11/2017	18.5	64
10/12/2017	15	57	11/12/2017	17.2	62	12/12/2017	30.6	90
10/13/2017	12.8	52	11/13/2017	18.4	64	12/13/2017	23.3	75
10/14/2017	12.5	52	11/14/2017	17.6	63	12/14/2017	19.9	67
10/15/2017	11.7	49	11/15/2017	18.7	65	12/15/2017	15.2	58
10/16/2017	17.3	62	11/16/2017	19.8	67	12/16/2017	22.7	73
10/17/2017	17.1	62	11/17/2017	19.3	66	12/17/2017	19.7	67
10/18/2017	13.4	54	11/18/2017	12.4	52	12/18/2017	19.9	67
10/19/2017	13.8	55	11/19/2017	17.4	62	12/19/2017	24.4	77
10/20/2017	13.1	53	11/20/2017	20.4	68	12/20/2017	19.7	67
10/21/2017	25.2	79	11/21/2017	24.2	76	12/21/2017	12.9	53
10/22/2017	12.7	52	11/22/2017	21.5	71	12/22/2017	15.8	59
10/23/2017	14.9	57	11/23/2017	25	78	12/23/2017	38.4	108
10/24/2017	16.4	60	11/24/2017	20.2	68	12/24/2017	52.8	144
10/25/2017	8.5	35	11/25/2017	19.3	66	12/25/2017	86.6	167
10/26/2017	14.5	56	11/26/2017	21.8	71	12/26/2017	40.1	112
10/27/2017	13.4	54	11/27/2017	21	70	12/27/2017	35.2	100
10/28/2017	14	55	11/28/2017	17.7	63	12/28/2017	28.1	85
10/29/2017	14	55	11/29/2017	27.3	83	12/29/2017	24.5	77
10/30/2017	16.9	61	11/30/2017	26.6	81	12/30/2017	26.6	81
10/31/2017	13.3	54				12/31/2017	75.6	161

2017 PM2.5 Exceedance Day List

Date	$\mu\text{g}/\text{m}^3$	AQI
1/8/2017	36.2	103
12/23/2017	38.4	108
12/24/2017	52.8	144
12/25/2017	86.6	167
12/26/2017	40.1	112
12/31/2017	75.6	161