

Observed Air Quality Report

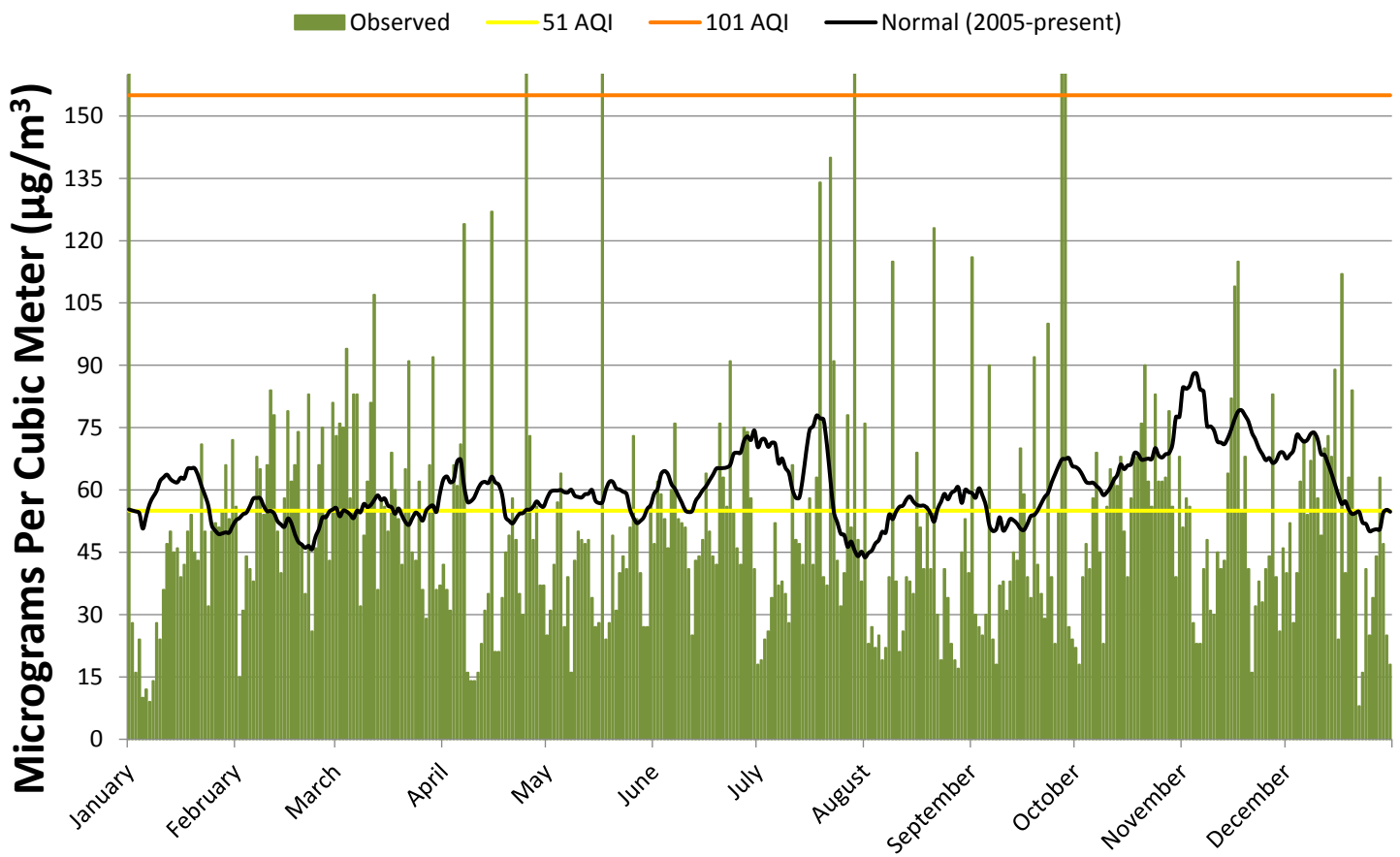


2016 Phoenix PM10

Year to Date (Jan 1 - Dec 31)

	Good days	Moderate days	Exceedance days
Number of days	234	126	6

2016 Phoenix PM₁₀



Daily maximum PM₁₀ concentration (green) 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 PM₁₀ data. The yellow and orange lines are Air Quality Index (AQI) category breakpoints.

*Scroll to bottom for list of exceedance days.

Daily Maximum PM10 Observations

January			February			March		
Date	µg/m3	AQI	Date	µg/m3	AQI	Date	µg/m3	AQI
1/1/2016	172	109	2/1/2016	56	51	3/1/2016	73	60
1/2/2016	28	26	2/2/2016	15	14	3/2/2016	76	61
1/3/2016	16	15	2/3/2016	31	29	3/3/2016	75	61
1/4/2016	24	22	2/4/2016	44	41	3/4/2016	94	70
1/5/2016	10	9	2/5/2016	41	38	3/5/2016	58	52
1/6/2016	12	11	2/6/2016	38	35	3/6/2016	83	65
1/7/2016	9	8	2/7/2016	68	57	3/7/2016	83	65
1/8/2016	14	13	2/8/2016	65	56	3/8/2016	32	30
1/9/2016	28	26	2/9/2016	54	50	3/9/2016	49	45
1/10/2016	24	22	2/10/2016	66	56	3/10/2016	62	54
1/11/2016	36	33	2/11/2016	84	65	3/11/2016	81	64
1/12/2016	47	44	2/12/2016	78	62	3/12/2016	107	77
1/13/2016	50	46	2/13/2016	50	46	3/13/2016	36	33
1/14/2016	45	42	2/14/2016	40	37	3/14/2016	58	52
1/15/2016	46	43	2/15/2016	58	52	3/15/2016	56	51
1/16/2016	39	36	2/16/2016	79	63	3/16/2016	50	46
1/17/2016	42	39	2/17/2016	62	54	3/17/2016	69	58
1/18/2016	50	46	2/18/2016	66	56	3/18/2016	60	53
1/19/2016	54	50	2/19/2016	74	60	3/19/2016	53	49
1/20/2016	45	42	2/20/2016	47	44	3/20/2016	42	39
1/21/2016	43	40	2/21/2016	35	32	3/21/2016	65	56
1/22/2016	71	59	2/22/2016	83	65	3/22/2016	91	69
1/23/2016	50	46	2/23/2016	26	24	3/23/2016	45	42
1/24/2016	32	30	2/24/2016	46	43	3/24/2016	43	40
1/25/2016	50	46	2/25/2016	66	56	3/25/2016	62	54
1/26/2016	52	48	2/26/2016	75	61	3/26/2016	36	33
1/27/2016	51	47	2/27/2016	54	50	3/27/2016	29	27
1/28/2016	55	51	2/28/2016	43	40	3/28/2016	66	56
1/29/2016	66	56	2/29/2016	81	64	3/29/2016	92	69
1/30/2016	53	49				3/30/2016	36	33
1/31/2016	72	59				3/31/2016	37	34

April			May			June		
Date	µg/m3	AQI	Date	µg/m3	AQI	Date	µg/m3	AQI
4/1/2016	42	39	5/1/2016	25	23	6/1/2016	47	44
4/2/2016	36	33	5/2/2016	31	29	6/2/2016	62	54
4/3/2016	31	29	5/3/2016	42	39	6/3/2016	59	53
4/4/2016	66	56	5/4/2016	57	52	6/4/2016	53	49
4/5/2016	61	54	5/5/2016	64	55	6/5/2016	46	43
4/6/2016	71	59	5/6/2016	27	25	6/6/2016	60	53
4/7/2016	124	85	5/7/2016	39	36	6/7/2016	76	61
4/8/2016	16	15	5/8/2016	16	15	6/8/2016	53	49
4/9/2016	14	13	5/9/2016	43	40	6/9/2016	52	48
4/10/2016	14	13	5/10/2016	50	46	6/10/2016	51	47
4/11/2016	16	15	5/11/2016	48	44	6/11/2016	41	38
4/12/2016	23	21	5/12/2016	47	44	6/12/2016	25	23
4/13/2016	31	29	5/13/2016	48	44	6/13/2016	43	40
4/14/2016	35	32	5/14/2016	34	31	6/14/2016	44	41
4/15/2016	127	87	5/15/2016	27	25	6/15/2016	48	44
4/16/2016	21	19	5/16/2016	28	26	6/16/2016	64	55
4/17/2016	21	19	5/17/2016	173	110	6/17/2016	50	46
4/18/2016	34	31	5/18/2016	24	22	6/18/2016	44	41
4/19/2016	45	42	5/19/2016	28	26	6/19/2016	42	39
4/20/2016	49	45	5/20/2016	49	45	6/20/2016	76	61
4/21/2016	58	52	5/21/2016	31	29	6/21/2016	63	55
4/22/2016	48	44	5/22/2016	40	37	6/22/2016	56	51
4/23/2016	35	32	5/23/2016	44	41	6/23/2016	91	69
4/24/2016	30	28	5/24/2016	41	38	6/24/2016	55	51
4/25/2016	174	110	5/25/2016	51	47	6/25/2016	46	43
4/26/2016	73	60	5/26/2016	73	60	6/26/2016	42	39
4/27/2016	48	44	5/27/2016	53	49	6/27/2016	75	61
4/28/2016	56	51	5/28/2016	40	37	6/28/2016	74	60
4/29/2016	37	34	5/29/2016	27	25	6/29/2016	58	52
4/30/2016	37	34	5/30/2016	27	25	6/30/2016	41	38
			5/31/2016	56	51			

July			August			September		
Date	µg/m3	AQI	Date	µg/m3	AQI	Date	µg/m3	AQI
7/1/2016	18	17	8/1/2016	76	61	9/1/2016	116	81
7/2/2016	19	18	8/2/2016	23	21	9/2/2016	30	28
7/3/2016	24	22	8/3/2016	27	25	9/3/2016	27	25
7/4/2016	26	24	8/4/2016	22	20	9/4/2016	25	23
7/5/2016	34	31	8/5/2016	25	23	9/5/2016	30	28
7/6/2016	52	48	8/6/2016	19	18	9/6/2016	90	68
7/7/2016	37	34	8/7/2016	22	20	9/7/2016	24	22
7/8/2016	38	35	8/8/2016	39	36	9/8/2016	18	17
7/9/2016	35	32	8/9/2016	115	81	9/9/2016	37	34
7/10/2016	28	26	8/10/2016	38	35	9/10/2016	38	35
7/11/2016	66	56	8/11/2016	21	19	9/11/2016	31	29
7/12/2016	48	44	8/12/2016	26	24	9/12/2016	38	35
7/13/2016	47	44	8/13/2016	39	36	9/13/2016	45	42
7/14/2016	42	39	8/14/2016	38	35	9/14/2016	43	40
7/15/2016	55	51	8/15/2016	35	32	9/15/2016	70	58
7/16/2016	58	52	8/16/2016	69	58	9/16/2016	59	53
7/17/2016	42	39	8/17/2016	51	47	9/17/2016	39	36
7/18/2016	63	55	8/18/2016	41	38	9/18/2016	34	31
7/19/2016	134	90	8/19/2016	56	51	9/19/2016	92	69
7/20/2016	39	36	8/20/2016	41	38	9/20/2016	42	39
7/21/2016	37	34	8/21/2016	123	85	9/21/2016	35	32
7/22/2016	140	93	8/22/2016	30	28	9/22/2016	29	27
7/23/2016	91	69	8/23/2016	19	18	9/23/2016	100	73
7/24/2016	43	40	8/24/2016	41	38	9/24/2016	39	36
7/25/2016	32	30	8/25/2016	34	31	9/25/2016	23	21
7/26/2016	40	37	8/26/2016	23	21	9/26/2016	55	51
7/27/2016	78	62	8/27/2016	19	18	9/27/2016	223	135
7/28/2016	51	47	8/28/2016	17	16	9/28/2016	161	104
7/29/2016	174	110	8/29/2016	45	42	9/29/2016	27	25
7/30/2016	48	44	8/30/2016	53	49	9/30/2016	24	22
7/31/2016	38	35	8/31/2016	40	37			

October			November			December		
Date	µg/m3	AQI	Date	µg/m3	AQI	Date	µg/m3	AQI
10/1/2016	22	20	11/1/2016	51	47	12/1/2016	40	37
10/2/2016	18	17	11/2/2016	58	52	12/2/2016	52	48
10/3/2016	39	36	11/3/2016	56	51	12/3/2016	28	26
10/4/2016	47	44	11/4/2016	28	26	12/4/2016	40	37
10/5/2016	41	38	11/5/2016	23	21	12/5/2016	62	54
10/6/2016	58	52	11/6/2016	23	21	12/6/2016	72	59
10/7/2016	69	58	11/7/2016	41	38	12/7/2016	54	50
10/8/2016	45	42	11/8/2016	48	44	12/8/2016	67	57
10/9/2016	23	21	11/9/2016	31	29	12/9/2016	74	60
10/10/2016	56	51	11/10/2016	30	28	12/10/2016	58	52
10/11/2016	65	56	11/11/2016	45	42	12/11/2016	49	45
10/12/2016	63	55	11/12/2016	41	38	12/12/2016	70	58
10/13/2016	61	54	11/13/2016	43	40	12/13/2016	73	60
10/14/2016	68	57	11/14/2016	64	55	12/14/2016	68	57
10/15/2016	50	46	11/15/2016	82	64	12/15/2016	89	68
10/16/2016	39	36	11/16/2016	109	78	12/16/2016	24	22
10/17/2016	58	52	11/17/2016	115	81	12/17/2016	112	79
10/18/2016	68	57	11/18/2016	55	51	12/18/2016	40	37
10/19/2016	68	57	11/19/2016	68	57	12/19/2016	63	55
10/20/2016	76	61	11/20/2016	41	38	12/20/2016	84	65
10/21/2016	90	68	11/21/2016	16	15	12/21/2016	54	50
10/22/2016	62	54	11/22/2016	32	30	12/22/2016	8	7
10/23/2016	56	51	11/23/2016	38	35	12/23/2016	16	15
10/24/2016	83	65	11/24/2016	33	31	12/24/2016	41	38
10/25/2016	62	54	11/25/2016	41	38	12/25/2016	25	23
10/26/2016	62	54	11/26/2016	44	41	12/26/2016	34	31
10/27/2016	63	55	11/27/2016	83	65	12/27/2016	44	41
10/28/2016	79	63	11/28/2016	39	36	12/28/2016	63	55
10/29/2016	56	51	11/29/2016	26	24	12/29/2016	47	44
10/30/2016	39	36	11/30/2016	46	43	12/30/2016	25	23
10/31/2016	68	57				12/31/2016	18	17

2016 PM10 Exceedance Day List

Date	$\mu\text{g}/\text{m}^3$	AQI
1/1/2016	172	109
4/25/2016	174	110
5/17/2016	173	110
7/29/2016	174	110
9/27/2016	223	135
9/28/2016	161	104