

Observed Air Quality Report



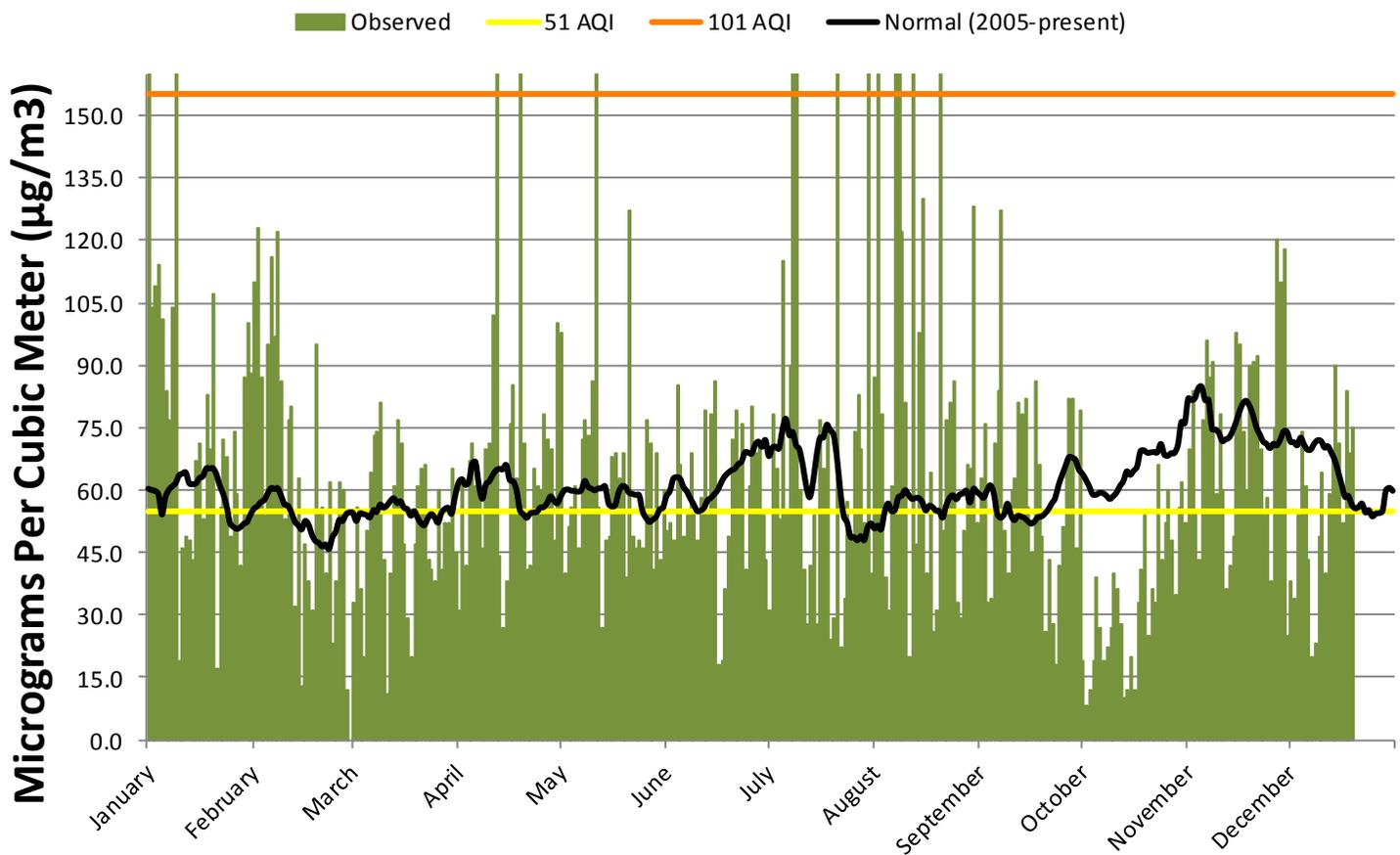
2018 Phoenix PM10

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 19)

	Good days	Moderate days	Exceedance days
Number of days	156	183	14

2018 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 Air Quality Index (AQI)

Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	142	78	30	29	72	46	29	67	55	18	58	35
2	75	85	51	54	37	48	62	399	61	7	65	31
3	78	67	33	39	47	44	56	62	31	11	51	50
4	80	50	19	57	51	66	49	36	31	18	40	60
5	74	71	46	59	54	56	81	29	59	36	62	54
6	65	81	55	54	43	45	51	54	65	25	71	40
7	62	72	60	54	59	50	68	171	87	18	67	19
8	75	84	60	43	62	58	240	141	46	20	69	21
9	137	66	64	58	60	52	194	84	37	25	53	45
10	18	49	40	59	66	44	53	64	53	37	62	55
11	43	62	10	74	131	52	38	19	55	33	53	37
12	45	63	37	245	51	63	26	107	64	26	33	53
13	44	30	54	41	25	50	39	44	62	9	39	58
14	40	55	62	25	44	62	50	72	64	11	45	68
15	57	12	59	35	45	66	26	88	51	19	72	59
16	59	44	44	61	57	17	62	37	42	11	71	48
17	49	35	27	66	58	18	56	55	66	31	60	65
18	65	29	19	55	55	33	61	24	56	38	53	58
19	58	71	44	104	58	45	22	29	45	50	68	61
20	77	51	54	59	36	59	27	106	24	23	69	
21	16	51	56	38	87	63	131	46	40	33	69	
22	51	37	56	39	45	56	20	62	26	31	58	
23	59	54	40	56	43	61	31	64	17	56	50	
24	57	21	38	54	44	38	52	66	39	40	52	
25	45	35	35	53	43	54	44	31	47	48	35	
26	60	54	53	62	62	63	60	27	57	53	61	
27	53	53	38	59	59	58	65	46	64	44	83	
28	39	11	48	58	38	59	58	56	64	32	78	
29	67	NA	48	44	58	50	48	56	43	51	82	
30	73		56	73	40	40	122	87	63	54	23	
31	67		42		53		37	48		48		

Daily Maximum PM10 Concentration (µg/m3)

Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	237	110	33	31	98	50	31	87	63	19	70	38
2	104	123	56	62	40	52	78	503	76	8	84	34
3	109	87	36	42	51	48	65	78	33	12	55	54
4	114	54	20	67	56	85	53	39	34	19	43	74
5	101	95	50	71	61	66	115	31	71	39	77	61
6	84	116	64	61	46	49	55	61	84	27	96	43
7	77	97	73	61	72	54	90	295	127	19	87	20
8	104	122	74	46	77	69	382	235	50	22	91	23
9	228	86	81	70	73	57	342	122	40	27	59	49
10	19	53	43	71	86	48	60	81	60	40	78	64
11	46	77	11	102	216	58	41	20	63	36	60	40
12	49	80	40	386	56	79	28	168	81	28	36	59
13	48	32	61	44	27	54	42	47	78	10	42	69
14	43	63	77	27	48	78	54	98	82	12	49	90
15	67	13	71	38	49	86	28	130	56	20	98	71
16	71	47	47	76	68	18	77	40	45	12	95	52
17	53	38	29	85	69	19	65	64	86	33	74	84
18	83	31	20	63	63	36	76	26	66	41	60	69
19	70	95	47	161	69	49	24	31	49	54	90	75
20	107	55	61	71	39	72	29	166	26	25	91	
21	17	56	65	41	127	79	215	50	43	36	92	
22	56	40	66	42	49	66	22	77	28	33	70	
23	72	62	43	65	46	76	34	81	18	66	54	
24	68	23	41	61	48	41	57	86	42	43	58	
25	49	38	38	60	46	61	48	33	51	52	38	
26	74	62	60	78	77	80	74	29	67	60	75	
27	59	60	41	72	71	69	83	50	82	48	120	
28	42	12	52	70	41	71	70	66	82	35	110	
29	87	NA	52	48	69	54	52	65	46	56	118	
30	100		65	100	43	43	197	128	79	62	25	
31	88		45		60		40	52		52		

2018 PM10 Exceedance Day List

Date	$\mu\text{g}/\text{m}^3$	AQI
1/1/2018	237	142
1/9/2018	228	137
4/12/2018	386	245
4/19/2018	161	104
5/11/2018	216	131
7/8/2018	382	240
7/9/2018	342	194
7/21/2018	215	131
7/30/2018	197	122
8/2/2018	503	399
8/7/2018	295	171
8/8/2018	235	141
8/12/2018	168	107
8/20/2018	166	106