

# Observed Air Quality Report



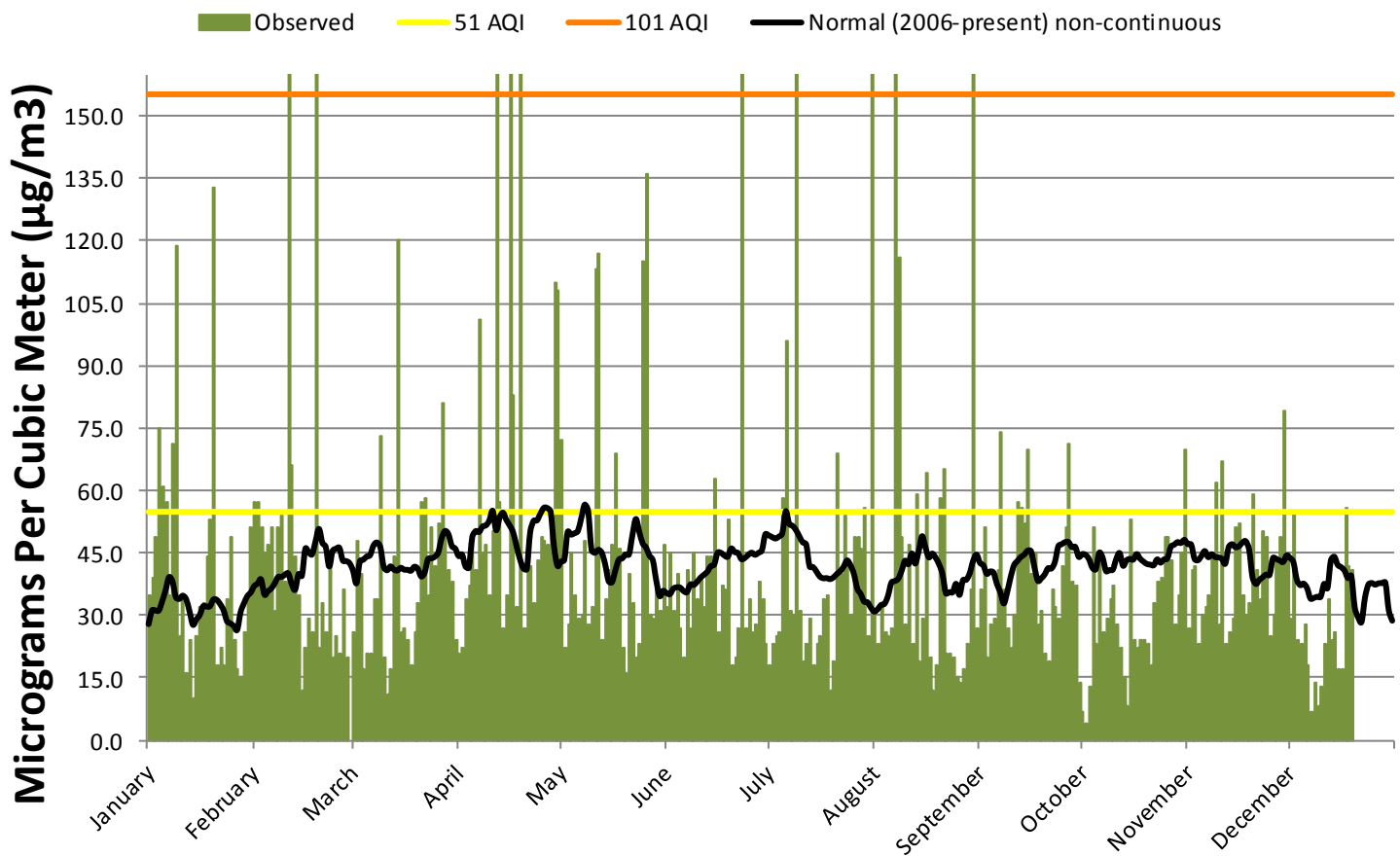
## 2018 Yuma PM10

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	296	47	10

### 2018 Yuma PM<sub>10</sub>



Daily maximum PM<sub>10</sub> concentration (green) for the Yuma area measured in micrograms per cubic meter (µg/m<sup>3</sup>). The normal line (black) is a rolling weekly average of historical PM<sub>10</sub> 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	32	52	24	19	59	30	17	29	33	6	25	27
2	36	52	44	20	20	42	21	21	47	4	38	51
3	45	47	37	31	26	29	23	30	19	12	39	22
4	61	42	16	34	42	37	24	24	26	47	21	21
5	54	44	19	44	32	25	52	23	27	21	28	26
6	52	47	19	38	27	19	71	25	38	40	30	17
7	32	29	31	74	28	38	29	124	60	24	32	6
8	59	47	31	42	44	25	28	81	33	27	42	13
9	83	50	60	44	26	42	169	45	25	31	54	7
10	23	35	19	32	30	31	29	26	20	34	26	12
11	31	111	10	46	80	36	18	44	28	26	57	21
12	15	56	16	139	82	30	21	21	52	20	21	31
13	22	41	41	52	22	41	27	53	51	14	24	22
14	9	32	83	25	31	41	17	18	48	7	27	24
15	23	11	24	32	38	55	21	27	58	49	47	16
16	30	20	25	123	44	24	23	55	37	22	48	16
17	31	27	22	65	58	34	31	19	42	20	32	51
18	41	24	17	30	43	33	32	11	26	22	28	39
19	49	134	24	135	20	49	11	17	29	22	31	38
20	90	20	31	25	15	17	18	52	19	21	53	
21	17	31	52	39	37	19	58	56	18	17	38	
22	20	24	52	39	31	25	37	19	33	31	31	
23	17	42	32	31	19	104	50	19	30	35	46	
24	31	19	47	40	21	25	39	19	27	36	45	
25	45	23	39	45	81	31	28	14	39	45	23	
26	22	19	48	44	91	24	45	13	47	45	28	
27	16	33	64	44	28	26	45	16	59	40	40	
28	14	19	46	48	27	35	43	21	35	26	45	
29	24	NA	38	78	34	31	51	33	34	32	63	
30	31		35	77	29	21	23	123	13	42	42	
31	47		22		44		110	25		58		

Daily Maximum PM10 Concentration (µg/m3)

Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	35	57	26	21	72	32	18	31	36	7	27	29
2	39	57	48	22	22	45	23	23	51	4	41	55
3	49	51	40	34	28	31	25	32	20	13	42	24
4	75	45	17	37	45	40	26	26	28	51	23	23
5	61	47	21	48	35	27	58	25	29	23	30	28
6	57	51	21	41	29	20	96	27	41	43	32	18
7	35	31	34	101	30	41	31	202	74	26	35	7
8	71	51	34	45	48	27	30	116	36	29	45	14
9	119	54	73	47	28	45	292	49	27	34	62	8
10	25	38	20	35	32	34	31	28	22	37	28	13
11	34	175	11	50	113	39	19	47	30	28	67	23
12	16	66	17	231	117	32	23	23	57	22	23	34
13	24	44	44	57	24	44	29	59	56	15	26	24
14	10	35	120	27	34	44	18	19	52	8	29	26
15	25	12	26	35	41	63	23	29	70	53	51	17
16	32	22	27	199	47	26	25	64	40	24	52	17
17	33	29	24	83	69	37	34	20	45	22	35	56
18	44	26	18	32	46	36	35	12	28	24	30	42
19	53	222	26	224	22	53	12	18	31	24	33	41
20	133	22	33	27	16	18	19	58	21	23	59	
21	18	33	57	42	40	20	69	65	19	18	41	
22	22	26	58	42	33	27	40	21	36	33	34	
23	18	45	35	33	20	161	54	21	32	38	50	
24	34	20	51	43	23	27	42	20	29	39	49	
25	49	25	42	49	115	34	30	15	42	49	25	
26	24	21	52	48	136	26	49	14	51	49	30	
27	17	36	81	47	30	28	49	17	71	43	43	
28	15	20	50	52	29	38	46	23	38	28	49	
29	26	NA	41	110	37	34	56	36	37	35	79	
30	34		38	108	31	23	25	200	14	45	45	
31	51		24		47		173	27		70		

**2018 PM10 Exceedance Day List**

Date	$\mu\text{g}/\text{m}^3$	AQI
2/11/2018	175	111
2/19/2018	222	134
4/12/2018	231	139
4/16/2018	199	123
4/19/2018	224	135
6/23/2018	161	104
7/9/2018	292	169
7/31/2018	173	110
8/7/2018	202	124
8/30/2018	200	123