

APACHE JUNCTION PM₁₀ 2017 TEOM Data

24 Hour Averages (ug/m³)

	Approved Data					Peliminary Data						
	January	February	March	April	May	June	July	August	September	October	November	December
1	4	11	3	26	20	27	28	9	24	21	27	43
2	4	12	5	20	23	33	27	8	47	22	28	29
3	5	14	15	23	19	31	40	10	26	27	23	30
4	5	13	21	8	21	26	40	12	23	25	25	33
5	6	14	12	8	27	26	36	30	31	32	17	54
6	14	16	23	16	65	24	38	14	27	30	16	23
7	7	16	13	21	45	21	34	15	87	30	23	26
8	8	15	16	17	33	25	38	16	73	33	14	20
9	9	18	17	30	7	25	72	20	15	48	20	13
10	8	15	15	27	9	25	49	26	13	21	21	15
11	11	16	17	26	15	29	16	16	20	35	18	14
12	14	17	17	24	20	22	23	16	21	26	15	24
13	22	12	17	26	20	29	34	8	25	21	25	21
14	14	9	20	29	18	23	19	16	38	24	24	23
15	7	8	17	26	31	22	42	16	19	23	26	31
16	6	12	18	23	36	27	40	19	15	33	23	23
17	6	21	18	23	22	28	10	13	15	24	24	10
18	9	14	20	23	15	30	9	16	14	23	13	8
19	8	4	16	24	12	32	17	17	18	34	15	11
20	6	5	AH	23	13	34	17	16	21	54	31	10
21	6	7	23	22	15	AH	11	18	20	145	33	37
22	16	8	27	26	20	AH	11	18	21	48	42	15
23	6	17	13	30	19	43	13	36	23	32	26	15
24	5	14	15	25	21	37	8	12	18	23	28	17
25	6	14	14	54	23	57	11	15	22	36	28	14
26	6	12	14	17	21	43	13	16	22	32	25	21
27	5	11	15	30	17	36	15	9	26	25	40	21
28	7	5	11	39	19	38	12	11	21	31	76	20
29	6		13	12	22	28	12	13	26	32	42	21
30	8		45	18	36	24	17	15	25	28	47	21
31	12		86		22		13	20		29		17
1st quarter average			13.3	2nd quarter average		25.5	3rd quarter average		22.4	4th quarter average		27.6
# of valid samples			89	# of valid samples		89	# of valid samples		92	# of valid samples		92
% of samples collected			98.89%	% of samples collected		97.80%	% of samples collected		100.00%	% of samples collected		100.00%
# of 24 hr exceedances			0	# of 24 hr exceedances		0	# of 24 hr exceedances		0	# of 24 hr exceedances		0

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Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 155.5 ug/m ³	
PCAQCD Exceptional Event	HIGH WIND EVENTS	
	HIGH WIND EVENTS - EPA CONCURRED.	### ^A
Noise exceedences	when the noise on the monitor invalidates the data & data recovery is <75%	AN
Status out of range	flow out of range for more than 1 hour	AH
	machine malfunction	AN
	shelter temperature out of range	AE
General maintenance	monitor is down for general maintenance activities or	BA
	filter exchanges for more than 1 hour	BA
	Building/Site repair	BE
Negative data readings	data readings > - 10.4 ug/m ³ or	AN
	Operator Error for more than 6 hours	BJ
Power failures/Vandalism	power outage for more than 6 hours	AV
	Vandalism	AP
CAL / VER / AUDIT	monitor is down to perform monthly verification or	AT
	annual system calibrations or	AT
	QC Audit (ADEQ) for more than 1 hour	AZ

Annual Average (ug/m ³) minus high wind events	22.2
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Total # of 24 hr Exceedances	0
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Maximum Reading	145.0
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