

APACHE JUNCTION PM₁₀ 2015 TEOM Data

24 Hour Averages (ug/m³)

	Approved Data					Peliminary Data						
	January	February	March	April	May	June	July	August	September	October	November	December
1	11.0	8.3	12.4	22.4	18.9	17.5	21.0	12.1	10.2	22.0	9.9	17.1
2	11.1	6.3	9.3	22.8	29.2	22.5	19.6	12.0	14.7	23.1	6.8	20.5
3	10.6	10.0	4.8	28.3	18.4	22.7	15.7	15.1	31.3	24.5	22.0	13.9
4	6.2	16.5	7.6	31.8	10.9	24.1	13.3	17.2	11.7	30.4	10.4	15.4
5	5.7	10.2	5.7	25.2	13.6	12.3	15.9	19.9	11.5	18.2	6.4	14.7
6	13.3	13.2	8.5	24.1	15.1	11.6	14.8	24.5	10.6	8.8	7.8	14.0
7	9.8	15.2	15.9	22.8	17.5	9.1	14.3	20.2	14.5	7.2	8.4	18.9
8	23.7	13.9	16.9	30.8	25.1	13.0	19.7	14.0	17.3	11.7	16.5	21.7
9	12.0	12.6	24.7	28.9	16.8	24.8	19.8	19.8	28.3	10.6	15.1	22.6
10	13.0	14.0	16.8	29.0	12.8	11.9	22.3	14.9	20.7	10.5	21.1	19.7
11	10.6	10.1	16.1	27.5	16.1	15.6	18.8	25.7	19.6	14.3	17.8	21.3
12	9.6	7.7	13.0	26.7	23.3	18.4	18.8	13.5	32.2	19.3	10.3	13.1
13	6.6	10.9	11.3	28.0	15.7	18.8	20.6	17.8	41.5	22.3	14.0	6.9
14	4.7	16.2	20.2	22.4	32.7	17.6	19.1	47.6	13.4	20.8	20.9	10.2
15	4.9	19.9	14.3	43.7	18.0	19.7	50.6	31.7	16.4	22.2	12.1	20.9
16	6.1	16.7	15.9	24.9	6.3	23.9	37.0	38.1	15.8	25.6	14.9	11.0
17	9.1	15.8	18.0	19.5	7.5	24.5	25.6	29.9	13.1	15.5	45.2	8.8
18	9.0	20.1	22.2	27.2	12.5	27.5	26.7	24.0	14.7	10.6	13.1	8.1
19	14.0	25.9	7.4	28.6	17.6	24.0	12.8	26.6	14.0	9.4	9.3	11.9
20	12.9	25.1	7.3	27.8	24.1	25.4	15.1	33.9	15.2	10.8	12.0	12.8
21	11.5	21.3	11.2	23.1	20.9	32.4	AN	24.9	11.4	4.7	10.2	10.8
22	7.6	17.1	13.6	22.4	25.4	27.8	AN	24.4	5.7	8.8	14.6	8.6
23	10.0	12.7	13.9	26.6	34.8	26.8	28.9	25.0	9.0	11.0	13.1	10.1
24	7.3	6.8	17.7	19.7	19.8	30.1	16.4	26.9	13.7	7.2	15.7	10.2
25	13.4	9.2	19.7	20.0	19.0	30.0	21.7	20.8	10.5	13.4	23.5	11.8
26	23.5	14.7	12.0	6.8	19.1	34.9	20.4	AN	14.0	14.8	70.3	9.6
27	8.8	17.3	15.3	6.7	19.6	22.6	24.2	AN	16.1	18.8	19.6	9.2
28	5.4	17.9	18.0	8.4	21.2	20.5	38.7	AN	19.9	16.8	14.3	9.7
29	11.1		17.7	10.5	21.6	31.7	18.8	21.4	21.7	8.8	16.2	18.2
30	2.7		21.5	13.8	21.1	30.0	10.2	20.3	19.2	5.4	15.8	12.4
31	4.1		24.9		24.5		14.0	25.2		9.0		20.8
1st quarter average	13.0		2nd quarter average	21.7		3rd quarter average	20.3		4th quarter average	15.2		
# of valid samples	90		# of valid samples	91		# of valid samples	87		# of valid samples	92		
% of samples collected	100.00%		% of samples collected	100.00%		% of samples collected	94.57%		% 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		

APACHE JUNCTION PM₁₀ 2015 TEOM Data Reference Page

Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 154.5 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 filter exchanges for more than 1 hour	BA
Negative data readings	data readings > - 10.4 ug/m ³ or	AN
	Operator Error for more than 6 hours	BJ
Power failures	power outage for more than 6 hours	AV
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	17.6
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Total # of 24 hr Exceedances	0
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Maximum Reading	70.3
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