

APACHE JUNCTION PM₁₀ 2016 TEOM Data

24 Hour Averages (ug/m³)

	Approved Data					Peliminary Data						
	January	February	March	April	May	June	July	August	September	October	November	December
1	22.7	30.5	26.3	26.1	19.0	32.5	8.3	20.0	50.7	14.7	25.0	10.9
2	11.2	7.1	24.6	17.7	20.2	32.1	15.0	10.1	20.1	13.5	26.6	11.6
3	10.0	6.0	24.2	15.2	21.9	31.2	20.7	10.9	24.5	13.2	13.0	10.8
4	14.4	5.2	25.0	21.0	27.0	32.2	19.1	13.6	18.4	23.2	10.5	9.5
5	4.1	5.7	28.1	26.1	34.0	31.8	20.0	10.1	22.6	21.5	10.5	14.9
6	4.5	7.2	32.0	23.3	22.0	34.9	34.4	11.9	31.4	21.7	10.8	16.8
7	4.1	7.4	87.7	63.0	8.2	26.1	30.1	16.0	16.8	21.2	11.6	22.5
8	5.6	10.8	26.5	9.1	9.9	56.4	19.5	21.7	13.8	27.4	8.2	18.7
9	6.3	10.4	25.7	9.3	13.8	40.3	20.2	33.5	21.3	12.1	12.1	15.5
10	5.2	14.9	24.7	12.3	15.8	38.0	19.5	19.2	26.0	19.0	10.4	23.0
11	4.5	19.7	26.5	6.4	17.4	27.6	26.7	13.4	24.5	19.6	11.3	19.3
12	6.3	14.8	63.4	11.5	19.0	23.9	22.1	11.4	22.2	19.7	11.6	22.2
13	7.1	17.9	25.7	11.2	23.1	20.9	24.1	17.7	24.4	22.0	14.7	19.0
14	12.2	21.2	39.1	13.1	22.4	24.7	28.4	14.2	24.1	19.5	20.6	13.7
15	12.4	19.1	28.1	44.3	20.5	25.9	37.2	19.1	21.0	24.8	19.5	19.9
16	10.3	12.5	27.2	12.1	20.5	31.2	60.2	17.5	23.3	20.7	21.9	17.3
17	11.3	17.5	30.0	9.1	21.7	27.9	25.1	13.6	22.3	25.7	57.5	55.6
18	11.5	23.3	29.7	10.0	16.6	20.7	63.9	10.2	23.3	24.4	17.7	22.1
19	12.4	19.1	30.3	15.1	16.0	22.1	29.8	24.8	26.3	24.1	38.3	12.8
20	17.1	18.3	27.3	19.6	31.3	38.8	12.4	27.7	22.8	35.2	21.1	16.8
21	6.0	22.8	29.3	19.9	30.5	45.3	19.3	39.2	19.8	46.8	7.6	18.2
22	7.0	30.0	63.2	22.9	25.3	32.4	37.8	19.2	13.8	33.3	10.6	4.6
23	19.0	11.0	26.1	26.2	33.9	34.3	87.8	12.1	67.4	28.9	8.8	4.9
24	16.1	18.5	23.2	24.9	23.4	31.1	52.8	13.5	34.8	29.8	6.3	24.9
25	12.8	15.5	20.9	76.4	27.2	39.3	27.0	22.6	23.1	21.7	15.2	6.3
26	6.0	18.6	26.0	90.0	40.2	30.3	38.5	16.8	32.4	18.9	21.7	5.1
27	11.6	26.5	22.4	27.0	29.6	44.6	35.4	15.4	64.8	21.1	37.7	6.4
28	16.0	26.6	36.6	40.8	33.8	18.4	24.7	16.2	11.5	28.3	20.7	10.3
29	19.3	27.0	49.2	31.6	25.5	20.1	49.3	13.8	7.2	16.3	7.4	11.6
30	17.8		28.9	29.9	22.0	14.6	21.4	17.4	8.9	AH	4.6	9.1
31	69.2		25.4		28.1		18.3	11.7		AH		9.8
1st quarter average	20.6		2nd quarter average	26.5		3rd quarter average	24.4		4th quarter average	18.5		
# of valid samples	90		# of valid samples	91		# of valid samples	92		# of valid samples	90		
% of samples collected	100.00%		% of samples collected	100.00%		% of samples collected	100.00%		% of samples collected	97.83%		
# of 24 hr exceedances	0		# of 24 hr exceedances	0		# of 24 hr exceedances	0		# of 24 hr exceedances	0		

APACHE JUNCTION PM₁₀ 2016 TEOM Data Reference Page

Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 154.9 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	22.5
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Total # of 24 hr Exceedances	0
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Maximum Reading	90.0
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