

APACHE JUNCTION PM₁₀ 2011 TEOM Data

24 Hour Averages (ug/m³)

	January	February	March	April	May	June	July	August	September	October	November	December		
1									38.1	40.8	32.3	73.4		
2									217.4	26.9	22.4	28.3		
3									60.4	20.9	37.5	16.2		
4									56.3	115.1	225.4	10.7		
5									36.4	58.6	16.0	7.1		
6									172.6	33.4	12.1	8.6		
7									22.0	32.4	8.1	9.7		
8									17.1	17.9	6.2	19.7		
9									41.3	13.1	6.2	26.7		
10									17.8	29.3	11.8	16.0		
11									74.1	29.4	19.9	24.5		
12									25.9	20.7	30.7	11.5		
13									19.8	33.9	11.7	3.2		
14									12.1	34.1	9.8	4.4		
15									17.3	31.6	22.6	5.2		
16									18.3	39.4	16.1	7.6		
17									27.5	34.7	25.4	14.4		
18									22.6	23.4	26.6	7.8		
19									31.0	33.3	18.3	8.7		
20								71.1	22.7	37.0	27.9	8.9		
21								25.1	51.7	36.2	22.1	11.3		
22								AV	56.7	42.2	14.7	13.1		
23								AV	36.0	35.1	19.3	9.3		
24								27.5	41.1	36.2	22.8	10.1		
25								25.2	53.7	24.7	15.7	15.3		
26								169.0	25.9	26.4	11.3	17.2		
27								83.8	57.2	13.3	15.0	12.1		
28								282.7	40.2	26.6	18.1	23.4		
29								38.3	50.6	31.7	24.7	28.5		
30								33.5	47.9	26.5	18.9	18.0		
31								39.1		38.8		21.9		
1st quarter average			#DIV/0!	2nd quarter average				#DIV/0!	3rd quarter average		55.2	4th quarter average		25.1
# of valid samples			0	# of valid samples				0	# of valid samples		40	# of valid samples		92
% of samples collected			0.00%	% of samples collected				0.00%	% of samples collected		43.48%	% of samples collected		100.00%
# of 24 hr exceedances			0	# of 24 hr exceedances				0	# of 24 hr exceedances		4	# of 24 hr exceedances		1

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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 flow out of range	flow out of range for more than 1 hour	AH
	status codes other than 0 for more than 1 hour	AN
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	#DIV/0!
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Total # of 24 hr Exceedances	5
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Maximum Reading	282.70
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