

# APACHE JUNCTION PM<sub>10</sub> 2020 TEOM Data

## 24 Hour Averages (ug/m<sup>3</sup>)

	Approved Data					Peliminary Data								
	January	February	March	April	May	June	July	August	September	October	November	December		
1	8	12	10	19	23	34	20	30	18	33	33	27		
2	14	9	13	16	21	28	30	24	21	30	33	39		
3	8	37	15	17	19	25	20	28	26	28	28	11		
4	7	15	12	17	26	28	27	23	23	24	23	17		
5	8	13	10	15	29	30	26	22	31	28	30	22		
6	7	15	18	15	24	29	23	26	24	26	34	20		
7	7	19	15	13	24	22	22	22	32	25	75	13		
8	14	19	14	23	27	24	24	24	44	30	31	17		
9	11	17	14	12	29	14	26	18	48	23	12	27		
10	13	15	9	17	31	19	29	23	25	27	9	16		
11	8	4	4	13	16	24	41	58	30	27	16	9		
12	10	7	3	8	20	33	75	46	32	31	19	10		
13	9	7	4	13	32	23	39	32	25	28	21	5		
14	9	10	5	9	24	22	28	24	22	29	27	13		
15	9	12	6	14	27	21	26	44	25	34	14	12		
16	12	12	10	16	23	23	AE	33	21	25	14	9		
17	10	15	10	18	22	18	22	41	23	42	16	16		
18	9	19	6	16	24	20	25	28	26	24	25	19		
19	9	19	5	17	27	18	27	43	29	32	28	13		
20	15	15	7	17	24	22	33	37	27	34	19	14		
21	10	51	11	21	19	20	30	31	30	30	27	20		
22	7	6	9	17	25	21	22	29	26	33	26	18		
23	6	10	11	20	20	26	24	28	26	31	27	13		
24	7	10	14	22	26	26	19	57	27	29	28	21		
25	9	8	11	19	19	24	10	49	28	37	24	9		
26	9	5	16	17	21	25	11	56	24	61	18	16		
27	12	9	13	22	24	28	15	51	22	16	31	13		
28	9	9	10	23	26	34	11	29	27	28	18	17		
29	7	13	11	24	31	30	22	38	81	20	16	10		
30	9		16	27	36	22	29	18	38	26	65	7		
31	8		13		20		31	12		19		11		
1st quarter average			11.3	2nd quarter average			22.1	3rd quarter average			29.6	4th quarter average		23.7
# of valid samples			90	# of valid samples			91	# of valid samples			91	# of valid samples		92
% of samples collected			100.00%	% of samples collected			100.00%	% of samples collected			98.91%	% 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 PM<sub>10</sub> 2020 TEOM Data Reference Page

### Corresponding Color Codings

### AQS Codings

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

Annual Average (ug/m <sup>3</sup> ) minus high wind events	22
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Total # of 24 hr Exceedances	0
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Maximum Reading	81
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