

## Pinal Air Park PM<sub>10</sub> 2019 TEOM Data

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

	Approved Data					Preliminary Data								
	January	February	March	April	May	June	July	August	September	October	November	December		
1	3	17	17	59	15	30	34	12	25	17	45	8		
2	5	12	21	34	27	36	42	16	11	23	42	12		
3	9	6	8	25	25	34	35	20	24	29	39	13		
4	11	3	16	26	21	37	30	15	24	20	40	9		
5	14	4	20	28	20	31	36	36	23	18	44	7		
6	5	5	21	20	23	33	26	11	28	19	40	13		
7	6	8	17	39	19	27	24	21	31	28	39	16		
8	10	10	16	35	18	47	27	32	20	29	24	9		
9	11	13	23	38	19	58	39	17	14	21	28	4		
10	12	10	18	60	25	32	55	21	17	45	25	6		
11	11	13	17	29	23	25	58	9	14	53	38	7		
12	9	17	3	16	7	30	46	16	31	32	43	12		
13	6	25	23	18	13	29	38	27	40	23	30	13		
14	9	23	BE	17	25	32	32	24	29	25	42	12		
15	13	4	12	21	20	28	26	28	22	38	36	11		
16	9	6	21	24	28	23	29	28	19	28	48	10		
17	12	8	10	11	31	28	33	20	14	24	35	8		
18	13	6	17	19	20	27	22	19	17	31	50	15		
19	9	4	22	16	24	29	25	28	18	54	30	20		
20	11	10	20	15	17	24	40	37	23	33	6	22		
21	24	10	11	11	19	28	26	41	25	46	7	17		
22	20	3	17	16	39	18	54	38	23	55	5	18		
23	14	7	23	16	11	60	13	12	13	41	7	30		
24	20	7	19	19	24	37	24	13	6	29	9	7		
25	21	11	40	22	17	40	13	14	6	29	9	4		
26	21	15	40	21	18	35	15	22	7	28	12	6		
27	16	18	40	15	13	40	18	29	6	47	12	2		
28	22	16	34	15	24	66	21	28	8	40	24	3		
29	35		43	43	26	47	25	10	9	47	14	7		
30	29		50	11	26	30	11	24	13	61	5	9		
31	23		33		26		8	24		31		10		
1st quarter average			15.7	2nd quarter average			26.8	3rd quarter average			23.7	4th quarter average		24.0
# of valid samples			89	# of valid samples			91	# of valid samples			92	# of valid samples		92
% of samples collected			98.89%	% of samples collected			100.00%	% 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

<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 machine malfunction shelter temperature out of range	AH AN AE
<b>General maintenance</b>	monitor is down for general maintenance activities or filter exchanges for more than 1 hour Building/Site repair	BA BA BE
<b>Negative data readings</b>	data readings > - 10.4 ug/m <sup>3</sup> or Operator Error for more than 6 hours	AN BJ
<b>Power failures/Vandalism</b>	power outage for more than 6 hours Vandalism	AV AP
<b>CAL / VER / AUDIT</b>	monitor is down to perform monthly verification or annual system calibrations or QC Audit (ADEQ) for more than 1 hour	AT AT AZ

<b>Annual Average (ug/m<sup>3</sup>) minus high wind events</b>	22.6
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<b>Total # of 24 hr Exceedances</b>	0
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<b>Maximum Reading</b>	66
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