

Pinal Air Park PM₁₀ 2016 TEOM Data

24 Hour Averages (ug/m³)

	Approved Data					Preliminary Data						
	January	February	March	April	May	June	July	August	September	October	November	December
1	38.1	32.9	35.3	28.2	22.3	32.8	9.7	9.6	20.9	10.4	19.9	22.1
2	23.6	22.3	46.0	26.3	28.4	62.8	14.6	63.9	23.2	13.1	54.4	24.5
3	19.0	11.1	37.9	44.8	50.0	65.4	19.1	8.4	34.1	14.7	18.4	33.0
4	16.3	12.0	44.6	37.2	43.2	57.1	15.2	8.3	23.7	26.8	13.4	23.8
5	5.5	16.5	41.2	43.5	49.1	43.0	18.8	22.3	27.7	29.3	15.2	28.9
6	5.1	20.8	29.8	45.2	26.3	55.4	43.0	21.5	37.0	29.1	15.9	26.8
7	8.0	19.7	54.8	65.7	23.7	40.0	19.2	33.3	8.8	29.6	16.6	24.6
8	5.4	21.3	30.6	8.4	18.1	55.7	24.3	20.1	10.5	30.7	20.9	41.5
9	6.8	23.6	50.8	10.0	42.2	51.2	24.6	21.1	16.9	17.2	17.3	41.8
10	7.9	AE	38.5	15.7	25.9	41.6	24.0	10.7	20.4	22.1	14.8	42.9
11	6.7	37.7	35.8	7.9	34.8	33.0	29.3	9.6	17.2	20.8	20.6	23.1
12	10.1	30.3	38.5	10.6	32.2	27.4	29.4	17.1	28.6	26.5	16.4	31.8
13	9.7	36.7	31.2	13.4	36.6	20.2	33.9	38.3	20.1	30.6	30.1	32.3
14	12.1	31.3	33.0	16.7	29.2	32.0	59.5	11.7	19.7	28.0	32.6	34.8
15	18.4	37.9	68.2	47.9	28.6	32.7	39.7	19.5	23.4	27.7	39.1	36.3
16	13.9	37.8	52.8	24.9	25.8	40.7	44.6	41.4	24.4	30.4	31.6	37.2
17	16.3	AE	65.9	16.9	39.6	32.1	31.4	22.3	22.0	28.4	66.8	86.1
18	23.3	AE	48.3	27.3	28.5	54.5	23.4	40.7	20.4	32.8	57.6	33.0
19	20.9	34.9	39.2	30.8	20.3	42.5	26.8	50.1	35.0	45.9	42.1	25.8
20	22.5	40.9	31.1	31.5	52.3	45.0	23.6	25.5	36.0	39.9	53.3	35.5
21	16.8	31.7	43.9	32.7	25.0	56.9	24.8	21.3	21.0	44.1	18.9	20.2
22	26.3	44.1	65.9	25.0	26.0	40.4	55.1	16.5	14.6	41.2	12.6	4.4
23	29.3	33.2	51.7	31.6	26.9	73.8	52.0	19.6	46.3	30.6	32.2	5.8
24	21.6	40.2	36.4	27.6	33.5	40.4	29.7	35.1	53.9	28.8	21.7	43.1
25	21.8	AE	39.3	38.6	68.8	32.0	41.4	53.4	24.8	24.9	25.6	4.9
26	7.4	65.1	38.7	73.7	34.3	37.2	69.9	27.3	25.4	27.6	33.3	10.0
27	23.3	64.7	23.3	32.4	40.6	24.3	31.2	30.0	14.3	33.2	32.6	14.5
28	31.6	32.6	54.7	38.0	31.6	37.7	30.5	25.2	12.5	31.2	13.3	17.7
29	38.9	43.5	42.2	27.5	27.1	16.2	62.1	32.0	9.4	25.0	10.9	16.4
30	25.6		55.2	40.7	32.0	10.0	18.0	29.5	10.9	22.8	16.4	12.8
31	60.3		32.2		65.5		24.7	21.5		37.5		8.1
1st quarter average			31.5	2nd quarter average		35.4	3rd quarter average		27.2	4th quarter average		27.6
# of valid samples			86	# of valid samples		91	# of valid samples		92	# of valid samples		92
% of samples collected			95.56%	% 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

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

Annual Average (ug/m ³) minus high wind events	30.40
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Total # of 24 hr Exceedances	0
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Maximum Reading	86.1
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