

Pinal Air Park PM₁₀ 2014 TEOM Data

24 Hour Averages (ug/m³)

	January	February	March	April	May	June	July	August	September	October	November	December	
1	30.6	19.9	18.8	27.2	115.0	62.2	39.8	18.5	31.9	32.6	23.6	64.4	
2	31.5	19.3	7.1	26.6	93.9	31.3	33.8	14.2	29.5	38.7	22.8	71.2	
3	34.5	23.3	10.3	51.7	45.3	48.2	105.3	11.1	43.1	42.0	28.6	25.0	
4	32.4	AE	12.2	36.3	38.6	56.8	14.8	16.1	89.0	36.9	23.5	AV	
5	27.0	19.1	13.0	51.8	51.0	47.4	21.2	29.2	15.0	33.0	22.6	9.7	
6	22.3	AE	25.9	38.5	98.3	45.0	18.1	29.4	33.7	42.4	22.9	12.0	
7	37.0	22.1	28.2	37.5	62.3	55.6	32.7	23.5	12.1	45.6	32.1	9.9	
8	38.0	28.4	21.6	39.5	39.7	54.0	46.7	33.7	10.1	9.9	36.2	18.7	
9	40.8	27.0	13.3	40.7	46.5	50.3	14.9	25.6	10.9	7.6	35.4	21.4	
10	33.1	34.8	22.6	40.7	45.8	70.5	14.3	24.2	15.7	13.2	32.2	22.6	
11	42.6	33.5	32.5	40.2	129.5	67.1	42.8	40.0	18.2	18.1	30.6	18.4	
12	28.9	35.9	35.4	29.4	35.9	38.2	22.2	19.7	28.8	16.6	22.3	26.9	
13	34.9	36.9	124.0	30.8	17.4	33.2	22.4	12.9	15.2	14.7	27.6	6.1	
14	42.6	49.3	36.3	43.1	53.3	35.3	12.8	13.7	11.7	20.3	42.9	7.8	
15	45.4	47.4	48.7	41.2	56.3	31.1	11.9	19.5	20.1	25.5	23.5	10.9	
16	45.3	33.2	27.9	39.9	56.0	54.7	14.6	18.4	8.9	27.1	18.9	12.9	
17	37.9	40.0	35.2	48.1	44.5	43.2	16.0	35.6	6.7	31.1	22.6	6.1	
18	42.3	42.3	51.4	44.4	35.4	28.6	25.7	11.5	8.8	27.5	40.7	6.5	
19	42.2	51.4	49.4	18.4	41.0	27.1	25.8	20.1	21.5	30.2	44.8	9.4	
20	48.3	49.4	53.3	43.6	51.4	76.0	25.0	16.0	19.3	20.2	54.9	9.2	
21	45.7	60.1	57.1	33.4	46.3	31.6	25.0	33.0	12.7	20.5	48.4	9.9	
22	52.6	45.7	33.8	33.7	50.2	30.2	46.0	28.2	16.0	32.1	33.9	13.0	
23	53.4	45.1	30.1	35.5	35.5	39.8	42.5	17.8	22.8	27.4	34.9	8.1	
24	54.6	54.1	34.8	50.2	46.9	37.3	41.0	18.0	29.3	34.4	41.7	11.0	
25	60.9	55.4	69.4	42.1	35.6	40.2	175.1	22.6	23.6	26.1	34.3	17.3	
26	43.1	36.9	37.4	65.3	35.0	39.0	35.3	13.4	21.5	22.3	56.7	10.6	
27	46.8	36.9	26.4	54.8	34.8	38.2	17.0	14.3	25.9	28.8	40.2	16.6	
28	38.8	34.2	38.5	34.1	38.1	28.1	20.1	20.1	15.6	32.6	47.4	16.1	
29	45.7		54.1	21.8	45.2	74.5	42.1	26.7	20.0	39.3	33.9	19.0	
30	38.6		49.1	45.7	29.8	46.9	35.8	22.7	31.3	40.8	27.1	24.7	
31	37.0		40.8		26.7		33.4	25.7		45.3		15.6	
1st quarter average			38.4	2nd quarter average			45.4	3rd quarter average			26.3	4th quarter average	26.6
# of valid samples			88	# of valid samples			91	# of valid samples			92	# of valid samples	91
% of samples collected			97.78%	% of samples collected			100.00%	% of samples collected			100.00%	% of samples collected	98.91%
# of 24 hr exceedances			0	# of 24 hr exceedances			0	# of 24 hr exceedances			1	# of 24 hr exceedances	0

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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 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	BA
Negative data readings	data readings > - 10.4 ug/m ³ or Operator Error for more than 6 hours	AN BJ
Power failures	power outage for more than 6 hours	AV
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/m³) minus high wind events	34.20
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Total # of 24 hr Exceedances	1
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Maximum Reading	175.100
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