

Pinal Air Park PM₁₀ 2015 TEOM Data

24 Hour Averages (ug/m³)

	Approved Data					Preliminary Data							
	January	February	March	April	May	June	July	August	September	October	November	December	
1	8.7	7.1	13.9	24.2	51.6	32.2	19.6	12.4	13.4	27.7	10.6	34.6	
2	8.5	11.0	27.2	30.3	29.4	32.8	24.7	12.9	18.7	33.9	14.2	43.4	
3	11.9	13.9	4.6	35.7	20.3	36.6	16.2	20.0	20.7	23.8	28.3	40.4	
4	12.6	14.4	8.0	30.0	13.1	54.1	37.0	28.2	14.3	30.8	12.9	38.5	
5	13.9	16.0	8.3	23.0	12.2	17.8	16.8	34.4	11.0	19.6	9.6	48.4	
6	15.3	16.8	12.9	39.6	17.9	15.5	13.5	21.5	10.8	16.8	14.4	41.5	
7	15.5	15.6	17.5	25.1	19.5	18.2	17.5	24.6	18.6	7.0	18.1	40.7	
8	30.9	18.1	19.4	BA	20.7	34.2	37.7	16.8	19.0	12.0	22.5	45.9	
9	13.0	24.2	31.6	48.1	17.7	15.4	24.6	20.9	20.1	12.8	18.3	57.2	
10	13.8	19.8	29.8	45.2	19.2	12.7	21.7	15.4	15.1	15.2	28.1	39.7	
11	13.6	18.0	27.8	30.4	22.1	17.1	17.9	14.6	12.7	17.3	38.9	30.6	
12	9.2	15.5	26.8	19.6	29.5	24.3	37.1	15.8	18.1	23.4	AE	12.2	
13	12.2	20.0	21.6	33.6	16.3	28.6	25.6	19.3	28.8	27.8	28.1	14.8	
14	9.6	26.3	24.8	23.7	40.1	21.7	16.7	26.3	16.1	36.3	32.6	26.5	
15	10.2	19.2	21.1	59.4	21.6	35.7	22.1	25.7	14.5	35.7	15.7	29.5	
16	12.9	18.3	28.0	28.6	7.1	29.2	24.1	25.0	11.9	23.6	32.2	15.4	
17	16.8	18.0	35.7	31.3	10.6	52.0	17.9	25.6	12.2	11.3	AV	13.1	
18	18.4	28.7	26.9	34.7	18.7	48.2	15.5	22.1	23.0	11.8	20.7	19.3	
19	22.3	35.5	9.1	25.0	19.8	57.4	11.8	29.2	33.9	11.6	26.9	20.5	
20	23.0	33.7	9.6	35.8	25.9	34.9	17.9	27.0	14.1	12.0	31.6	11.5	
21	24.6	21.1	14.5	27.4	33.5	32.2	21.9	17.6	9.8	7.0	22.3	18.4	
22	9.3	16.5	20.0	25.9	35.8	45.1	21.0	35.9	6.3	9.2	23.9	22.0	
23	12.0	14.3	20.4	26.2	26.7	41.8	12.9	30.7	8.8	12.2	32.7	11.2	
24	24.2	10.4	28.2	20.9	26.8	48.3	22.9	31.1	16.5	13.0	47.9	10.0	
25	22.3	17.1	29.0	27.1	22.1	42.2	29.2	15.6	16.4	20.5	62.9	17.2	
26	23.0	20.5	22.8	20.0	28.0	32.8	36.4	21.7	20.1	19.1	64.2	12.3	
27	14.3	25.6	28.6	15.4	35.8	37.5	23.4	18.2	20.1	22.6	28.1	16.0	
28	15.0	17.8	27.1	16.6	44.3	35.8	27.1	23.1	24.4	27.1	23.8	19.5	
29	17.1		22.7	22.0	34.3	28.4	16.1	32.8	29.8	19.7	20.8	20.7	
30	4.7		30.1	23.5	39.8	25.8	21.0	17.9	29.3	9.0	33.4	27.0	
31	3.8		30.5		25.3		30.1	24.1		11.2		32.0	
1st quarter average			18.6	2nd quarter average			29.1	3rd quarter average			21.0	4th quarter average	24.2
# of valid samples			90	# of valid samples			90	# of valid samples			92	# of valid samples	90
% of samples collected			100.00%	% of samples collected			98.90%	% of samples collected			100.00%	% of samples collected	97.83%
# 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 > 154.5 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	23.20
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Total # of 24 hr Exceedances	0
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Maximum Reading	64.2
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