

Pinal Air Park PM₁₀ 2020 TEOM Data

24 Hour Averages (ug/m³)

	Approved Data					Preliminary Data								
	January	February	March	April	May	June	July	August	September	October	November	December		
1	18	22	10	26	35	28	32	27	11	37	35	100		
2	12	14	11	25	29	29	44	20	26	43	37	36		
3	11	40	13	20	38	42	20	30	39	44	43	35		
4	14	13	22	18	35	36	38	24	30	37	67	57		
5	12	23	20	14	35	32	33	23	24	44	37	59		
6	15	23	20	16	58	18	55	30	31	52	52	40		
7	17	26	29	17	38	28	33	24	33	43	147	51		
8	16	23	12	23	38	43	33	45	42	43	47	32		
9	17	24	16	14	27	46	45	35	58	30	8	44		
10	13	17	26	35	25	46	48	45	52	30	12	7		
11	10	4	5	11	18	43	72	42	67	41	31	9		
12	14	7	5	6	19	46	47	32	68	50	33	16		
13	14	10	4	14	21	42	19	33	31	44	35	9		
14	22	14	7	18	21	33	19	32	28	45	34	16		
15	31	15	9	23	35	33	27	44	38	42	40	17		
16	20	13	12	23	27	35	22	58	41	55	50	26		
17	8	19	15	24	34	27	22	23	33	52	55	33		
18	17	24	33	30	34	28	29	42	36	39	45	32		
19	15	27	6	23	101	23	30	37	34	43	42	26		
20	24	27	10	23	26	AV	45	49	49	53	52	28		
21	9	49	9	38	29	AV	25	24	43	62	52	42		
22	4	6	12	32	37	AV	25	27	33	36	52	42		
23	10	8	9	40	29	AV	13	31	49	38	37	32		
24	12	10	16	55	52	AV	11	36	44	34	23	27		
25	12	11	17	38	30	AV	15	50	46	39	33	21		
26	13	8	12	31	30	AV	15	39	36	78	31	23		
27	17	17	17	43	36	AV	17	42	32	37	35	20		
28	15	24	20	33	39	AV	15	32	45	32	43	50		
29	15	17	18	42	54	AV	30	32	66	36	34	11		
30	17		23	39	35	29	43	9	48	35	55	11		
31	17		36		17		28	10		45		17		
1st quarter average			16.1	2nd quarter average			31.6	3rd quarter average			34.7	4th quarter average		39.2
# of valid samples			90	# of valid samples			81	# of valid samples			92	# of valid samples		92
% of samples collected			100.00%	% of samples collected			89.01%	% 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 > 155.5 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 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/m³) minus high wind events	30.4
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Total # of 24 hr Exceedances	0
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Maximum Reading	147
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