

PINAL CO HOUSING 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	46.7	43.9	67.0	32.8	19.6	57.1	13.0	22.4	113.2	28.6	61.8	37.8
2	19.6	AP	59.5	33.4	30.8	67.3	17.0	34.0	38.9	16.2	67.1	41.0
3	12.1	AP	70.8	50.0	33.5	61.7	24.2	31.6	53.2	21.3	57.0	28.0
4	16.4	AP	62.5	54.0	40.4	67.4	22.9	13.9	36.3	34.9	15.5	30.2
5	5.4	AP	53.6	71.3	46.3	AH	31.2	49.0	38.1	53.5	15.9	56.4
6	4.0	AP	62.4	75.5	28.7	59.8	50.9	25.7	58.7	39.5	17.0	56.8
7	6.5	AP	107.4	154.9	12.5	45.8	34.2	28.0	13.8	49.0	21.4	36.8
8	4.5	AP	31.1	10.0	15.9	71.1	43.8	28.7	11.4	49.7	26.5	48.8
9	7.1	AP	47.6	10.6	21.6	55.8	38.5	44.1	23.1	24.7	AP	77.6
10	10.7	40.4	59.9	14.5	38.9	67.0	36.6	58.5	29.3	55.9	AP	70.6
11	10.7	44.1	77.7	8.3	35.2	45.0	55.7	14.1	33.6	55.3	AP	44.2
12	12.0	54.1	80.5	13.7	51.7	33.7	36.0	30.5	23.4	49.0	AP	57.8
13	AE	50.4	42.6	19.4	53.3	36.6	53.7	46.4	85.4	54.3	AP	62.2
14	17.6	54.7	54.3	24.1	33.8	43.5	71.1	29.0	28.5	58.5	AP	73.6
15	19.3	45.3	60.1	69.2	36.6	52.8	55.7	45.0	35.4	45.5	AP	100.9
16	17.1	53.4	64.3	26.3	28.2	47.0	62.4	67.8	56.9	42.7	AP	138.2
17	17.1	48.8	71.2	20.6	53.0	51.4	45.4	37.1	40.9	58.4	AP	98.3
18	28.6	54.2	72.7	23.9	39.8	52.9	117.7	53.2	60.6	63.1	AP	48.9
19	30.6	53.3	46.3	31.0	32.1	AH	123.6	74.3	54.9	69.6	AP	33.3
20	43.1	50.9	48.3	50.1	50.9	63.6	31.8	49.2	57.7	71.2	AP	41.4
21	21.4	43.7	81.2	47.6	48.7	62.4	49.9	62.2	41.1	48.5	AP	31.1
22	30.6	55.7	96.2	46.3	38.4	54.0	226.7	27.7	28.6	70.1	AP	5.7
23	30.6	39.0	63.3	40.5	30.5	99.9	83.2	23.3	73.7	45.8	AP	6.0
24	25.3	58.1	52.4	30.7	47.5	53.0	60.3	82.3	57.8	56.7	26.0	259.7
25	27.1	46.5	50.5	88.7	47.7	66.7	44.2	77.1	37.4	55.1	38.8	6.8
26	21.1	56.6	51.5	93.7	45.8	45.8	74.7	36.0	62.4	68.3	43.3	9.1
27	37.1	60.9	36.5	36.7	54.2	48.9	78.5	24.2	58.1	67.2	67.5	16.8
28	42.2	68.5	81.6	55.3	60.0	65.8	42.8	26.6	35.4	152.9	28.6	24.0
29	47.9	58.9	48.9	40.3	44.1	106.4	666.2	35.6	21.4	106.4	18.6	16.8
30	62.3		47.2	71.7	37.5	18.8	57.5	58.7	19.2	61.1	33.0	10.9
31	121.4		42.7		64.2		56.7	27.0		52.8		7.9
31	1st quarter average		45.8	2nd quarter average		46.8	3rd quarter average		54.3	4th quarter average		49.9
	# of valid samples		81	# of valid samples		89	# of valid samples		92	# of valid samples		77
	% of samples collected		90.00%	% of samples collected		97.80%	% of samples collected		100.00%	% of samples collected		83.70%
	# of 24 hr exceedances		0	# of 24 hr exceedances		0	# of 24 hr exceedances		2	# of 24 hr exceedances		1

PINAL CO HOUSING PM₁₀ 2016 TEOM Data Reference Page

Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 154.9 ug/m ³
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PCAQCD Exceptional Event	HIGH WIND EVENTS	###^A
	HIGH WIND EVENTS - EPA CONCURRED.	

Noise exceedences	when the noise on the monitor invalidates the data & data recovery is <75%	AN
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Status out of range	flow out of range for more than 1 hour	AH
	machine malfunction	AN
	shelter temperature out of range	AE

General maintenance	monitor is down for general maintenance activities or	BA
	filter exchanges for more than 1 hour	BA
	Building/Site repair	BE

Negative data readings	data readings > - 10.4 ug/m ³ or	AN
	Operator Error for more than 6 hours	BJ

Power failures/Vandalism	power outage for more than 6 hours	AV
	Vandalism	AP

CAL / VER / AUDIT	monitor is down to perform monthly verification or	AT
	annual system calibrations or	AT
	QC Audit (ADEQ) for more than 1 hour	AZ

Annual Average (ug/m³) minus high wind events	49.2
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Total # of 24 hr Exceedances	3
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Maximum Reading	666.2
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