

PINAL CO HOUSING PM₁₀ 2014 TEOM Data

24 Hour Averages (ug/m³)

	January	February	March	April	May	June	July	August	September	October	November	December
1	31.8	43.7	16.8	43.5	116.0	51.3	45.4	21.6	46.3	36.7	41.8	110.7
2	36.0	37.9	7.4	47.6	91.1	60.4	48.9	13.0	40.3	49.1	43.2	121.3
3	55.5	49.2	12.0	65.3	67.7	66.0	316.8	14.5	33.6	61.4	54.2	46.1
4	51.9	38.4	16.2	58.5	57.0	64.6	18.4	18.7	226.8	60.0	58.9	15.4
5	30.9	38.1	16.7	35.0	78.4	73.0	40.0	25.4	44.6	36.9	71.1	13.3
6	32.3	45.7	40.7	37.1	119.7	64.8	20.6	31.9	137.2	67.4	25.1	21.3
7	49.3	33.5	32.7	45.7	76.3	60.5	84.3	33.3	16.8	62.1	64.2	15.9
8	57.1	37.3	22.9	47.7	47.3	68.0	402.7	53.8	11.1	15.7	53.6	32.8
9	49.2	49.3	21.1	74.0	52.9	70.5	31.3	39.8	12.4	8.8	42.4	29.4
10	49.5	52.0	37.9	72.2	53.9	62.0	30.7	69.9	16.4	12.3	59.0	40.6
11	50.4	52.4	36.9	48.5	136.8	59.2	52.7	33.1	22.8	20.5	52.5	32.4
12	42.0	57.4	57.2	38.2	48.7	51.7	80.5	25.6	52.2	18.7	74.2	41.4
13	46.7	53.5	133.0	36.8	46.3	50.2	54.5	13.7	29.2	21.9	49.9	6.9
14	50.1	70.6	35.2	48.7	123.8	61.4	25.9	25.2	31.2	45.5	54.7	7.6
15	55.8	62.1	43.3	60.0	69.0	67.6	28.3	21.6	29.2	42.1	50.6	19.2
16	57.5	52.5	28.0	66.7	73.4	56.4	40.8	33.7	22.4	42.4	25.4	21.7
17	66.6	56.7	43.8	64.4	61.7	69.0	36.4	59.2	7.6	50.6	45.6	8.8
18	44.4	55.9	46.3	50.2	47.7	55.6	41.9	16.6	11.0	44.3	50.5	7.1
19	49.1	68.9	70.7	29.9	46.2	37.0	54.2	32.0	31.0	46.1	70.0	10.9
20	51.4	60.4	72.5	25.9	92.7	65.4	29.4	23.0	31.1	32.8	90.0	17.6
21	63.2	53.4	55.6	52.5	73.3	50.8	34.5	49.3	25.9	42.5	99.4	14.7
22	84.2	57.0	50.6	51.9	44.2	38.6	60.8	27.5	27.1	56.9	67.2	15.2
23	87.0	62.2	42.3	61.6	58.2	40.7	46.8	22.9	38.4	61.8	51.3	18.6
24	84.6	127.8	63.2	66.0	45.9	48.1	AE	28.6	42.4	57.9	72.9	14.6
25	67.0	149.6	197.6	65.1	39.3	53.8	371.3	48.0	42.5	72.7	60.0	17.3
26	61.4	69.4	57.3	154.4	42.0	50.4	70.4	18.7	25.7	32.4	92.4	16.2
27	46.5	51.2	66.7	96.9	69.0	52.2	90.7	28.6	197.7	57.1	57.5	25.2
28	66.9	AV	51.8	42.5	44.3	55.2	37.2	42.7	29.0	73.0	76.3	25.1
29	50.7		55.6	37.9	101.5	63.6	31.5	45.4	37.5	88.6	78.2	28.8
30	56.3		59.4	57.7	52.9	63.3	50.7	72.1	35.1	74.7	45.9	50.0
31	95.6		60.7		69.8		43.8	49.8		59.7		21.5
31	1st quarter average		54.6	2nd quarter average		61.1	3rd quarter average		51.8	4th quarter average		44.5
	# of valid samples		89	# of valid samples		91	# of valid samples		91	# of valid samples		92
	% of samples collected		98.89%	% of samples collected		100.00%	% of samples collected		98.91%	% of samples collected		100.00%
	# of 24 hr exceedances		1	# of 24 hr exceedances		0	# of 24 hr exceedances		5	# of 24 hr exceedances		0

PINAL CO HOUSING PM₁₀ 2014 TEOM Data Reference Page

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	AH
	machine malfunction	AN
	shelter temperature out of range	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	AN
	Operator Error for more than 6 hours	BJ
Power failures	power outage for more than 6 hours	AV
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	53.0
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Total # of 24 hr Exceedances	6
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Maximum Reading	402.7
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