

PINAL CO HOUSING PM₁₀ 2011 TEOM Data

24 Hour Averages (ug/m³)

	January	February	March	April	May	June	July	August	September	October	November	December
1	17.3	87.1	30.3	73.7	38.7	87.1	80.2	22.4	83.3	49.4	69.0	391.0
2	19.6	49.8	31.2	68.4	41.4	66.7	324.7	45.2	310.4	43.5	69.0	41.1
3	27.7	26.9	33.0	48.9	107.4	55.6	140.4	296.3	92.4	49.6	92.3	26.6
4	30.2	66.6	29.8	67.2	94.5	77.6	311.9	83.5	70.0	575.3	1161.5	12.2
5	34.3	81.5	32.2	81.7	103.2	65.9	2040.3	85.9	63.5	73.0	403.0	AE
6	47.5	50.5	55.5	96.8	73.3	77.7	202.9	58.8	87.5	23.0	25.2	AE
7	40.0	62.9	91.4	31.0	66.9	72.6	237.6	107.4	49.9	20.9	14.5	25.3
8	30.9	75.1	48.9	77.4	73.1	55.0	74.2	54.1	85.3	36.0	17.5	44.8
9	28.4	183.5	52.4	6.8	54.2	67.6	120.6	52.8	89.8	24.1	26.1	40.0
10	29.9	83.5	61.1	11.4	67.8	63.6	66.2	85.5	80.3	45.7	29.2	47.5
11	52.7	134.5	86.0	18.5	37.9	54.1	39.3	42.2	32.4	57.8	57.9	35.2
12	63.9	55.5	49.1	28.3	62.1	68.2	57.5	30.9	123.9	64.7	47.3	15.6
13	88.8	67.8	51.4	27.7	60.4	74.2	47.7	61.4	79.7	68.5	10.5	3.9
14	58.9	88.5	59.9	62.9	43.5	92.9	43.0	51.1	18.4	63.4	12.7	6.4
15	57.1	83.0	75.6	79.6	52.7	83.5	76.5	57.4	20.4	84.2	31.7	11.0
16	50.1	87.0	60.9	59.5	76.1	57.5	61.9	61.8	32.1	74.8	44.4	13.8
17	49.8	48.1	74.4	57.3	52.8	57.6	111.1	53.8	32.9	56.7	43.5	16.2
18	61.6	47.9	65.0	54.0	88.3	51.7	271.3	453.7	37.9	64.8	42.0	7.5
19	64.0	AN	102.8	39.3	51.2	108.3	57.4	55.7	59.4	62.4	37.2	9.4
20	57.5	AN	86.6	43.3	50.2	80.1	250.5	33.1	47.1	66.7	41.5	17.3
21	71.6	AN	349.7	40.4	47.0	76.4	59.7	38.7	115.2	66.4	21.8	15.4
22	72.9	AN	9.2	51.7	38.8	78.8	63.0	48.5	74.1	69.8	29.5	17.9
23	36.5	44.5	25.2	51.3	45.3	74.6	87.2	46.2	62.8	49.5	35.5	12.3
24	52.1	34.0	27.7	42.7	62.3	77.8	39.7	56.4	145.0	80.0	29.4	13.3
25	75.8	56.4	45.5	56.6	63.3	66.1	39.3	184.2	103.2	42.7	25.8	11.1
26	69.6	94.3	48.1	60.8	67.9	82.4	32.2	256.9	55.6	72.3	22.5	21.5
27	61.7	9.7	43.2	50.8	60.6	90.4	52.7	186.7	169.2	53.1	17.8	35.7
28	96.1	21.8	48.6	55.2	56.5	110.5	60.8	177.5	50.2	78.9	54.3	57.3
29	75.6		58.8	57.2	100.2	93.3	66.8	74.8	47.8	70.8	83.0	78.4
30	49.3		61.4	48.3	57.0	73.1	58.5	78.8	71.8	55.0	71.6	57.1
31	33.2		64.6		80.6		84.7	73.2		71.4		47.9
31	1st quarter average		60.5	2nd quarter average		63.3	3rd quarter average		115.9	4th quarter average		67.9
	# of valid samples		86	# of valid samples		91	# of valid samples		92	# of valid samples		90
	% of samples collected		95.56%	% of samples collected		100.00%	% of samples collected		100.00%	% of samples collected		97.83%
	# of 24 hr exceedances		2	# of 24 hr exceedances		0	# of 24 hr exceedances		15	# of 24 hr exceedances		4

PINAL CO HOUSING PM₁₀ 2011 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 flow out of range	flow out of range for more than 1 hour	AH
	status codes other than 0 for more than 1 hour	AN
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	76.9
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Total # of 24 hr Exceedances	21
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Maximum Reading	2040.3
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