

PINAL CO HOUSING 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	8.5	5.9	16.1	42.9	46.3	65.7	20.9	19.3	15.8	40.1	11.8	57.0
2	8.9	11.2	27.7	44.0	88.8	58.0	33.7	19.7	29.9	43.1	17.6	56.7
3	15.8	18.0	5.6	64.6	26.5	58.2	28.1	44.1	44.7	41.6	97.8	74.8
4	16.3	17.9	13.2	64.2	19.4	104.3	44.6	41.0	13.9	44.6	15.5	83.4
5	15.7	23.7	10.5	36.9	15.7	21.0	50.8	43.7	14.8	24.7	11.5	73.3
6	22.1	27.7	32.2	50.2	21.4	13.3	15.3	39.4	19.2	15.4	26.3	43.1
7	20.7	19.4	22.9	47.2	22.8	18.4	18.2	37.4	21.2	11.0	27.5	55.4
8	31.7	26.2	27.4	50.4	31.5	39.9	27.5	14.6	37.4	17.5	31.4	77.7
9	14.0	38.4	40.0	46.2	21.9	24.3	27.4	22.6	30.5	41.9	41.0	94.5
10	17.7	33.1	36.4	51.4	27.1	18.2	27.6	20.4	27.9	20.9	54.2	89.3
11	18.8	24.3	35.5	42.6	37.5	26.5	32.5	56.2	20.8	23.6	47.6	193.2
12	12.8	18.0	34.4	41.6	35.1	24.7	35.4	26.9	50.2	32.6	39.5	14.8
13	12.4	22.7	24.2	30.8	27.1	56.6	33.5	26.1	39.4	38.7	51.7	13.4
14	9.5	38.0	30.1	38.5	46.2	33.5	33.2	31.0	17.7	58.7	49.3	27.7
15	8.3	19.2	26.7	66.8	21.8	40.4	40.0	40.4	17.7	52.9	24.8	40.6
16	14.2	19.5	48.2	40.0	6.9	51.4	50.8	55.2	25.6	59.2	50.1	21.8
17	25.2	22.3	50.5	53.1	21.8	66.6	31.2	47.5	23.2	13.4	60.5	29.4
18	29.6	38.0	31.9	51.9	17.3	52.4	55.2	34.3	30.3	15.1	27.3	42.1
19	30.3	40.6	9.0	56.4	27.0	55.6	22.9	45.0	48.5	13.4	33.2	58.1
20	30.2	AE	11.4	46.3	32.2	64.6	24.7	38.9	27.1	20.4	42.1	21.6
21	38.5	AE	29.9	36.1	35.4	60.4	34.9	36.0	14.5	11.6	36.7	36.1
22	25.9	24.1	24.9	45.4	35.8	54.2	35.3	50.1	7.1	12.8	25.9	32.4
23	20.1	25.3	28.7	36.6	36.3	65.4	49.6	49.5	16.4	16.6	53.5	22.1
24	23.9	15.2	33.4	31.8	26.5	67.6	27.5	49.6	21.4	19.9	46.6	17.2
25	19.2	26.5	37.4	47.6	32.6	58.8	46.1	48.9	28.3	17.4	67.1	20.9
26	36.3	37.5	41.9	18.5	35.1	46.9	47.1	26.8	23.0	35.2	83.9	28.9
27	16.1	27.6	43.1	25.0	66.9	272.0	34.0	52.1	30.1	44.1	30.6	22.6
28	14.0	22.9	42.4	18.9	44.9	58.6	98.6	41.6	35.7	51.0	35.7	46.3
29	16.0		45.3	32.2	52.9	58.6	43.6	154.1	56.2	29.1	35.8	AV
30	5.0		38.9	40.4	65.8	60.6	78.9	35.0	50.4	10.7	45.0	AV
31	4.3		55.5		38.3	38.3	55.1	34.0		14.2		223.0
31	1st quarter average		24.8	2nd quarter average		44.6	3rd quarter average		36.1	4th quarter average		41.4
	# of valid samples		88	# of valid samples		91	# of valid samples		92	# of valid samples		90
	% of samples collected		97.78%	% of samples collected		100.00%	% of samples collected		100.00%	% of samples collected		97.83%
	# of 24 hr exceedances		0	# of 24 hr exceedances		1	# of 24 hr exceedances		0	# of 24 hr exceedances		2

PINAL CO HOUSING PM₁₀ 2015 TEOM Data Reference Page

Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 154.5 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 filter exchanges for more than 1 hour	BA
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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
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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/m ³) minus high wind events	36.7
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Total # of 24 hr Exceedances	3
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Maximum Reading	272.0
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