

PINAL CO HOUSING PM₁₀ 2017 TEOM Data

24 Hour Averages (ug/m³)

	Approved Data						Preliminary Data																	
	January	February	March	April	May	June	July	August	September	October	November	December												
1	4.3	26.9	15.3	38.9	38.4	48.0	53.4	48.9	53.3															
2	9.9	31.6	14.6	30.8	45.8	57.0	50.6	14.0	46.2															
3	14.7	37.3	28.0	61.5	60.4	62.5	72.6	105.2	34.5															
4	15.1	25.7	33.5	38.4	57.2	50.5	62.5	67.1	36.7															
5	14.4	26.1	31.6	54.9	71.1	50.5	63.0	16.5	66.4															
6	19.9	27.5	40.7	50.9	207.4	45.2	154.7	17.0	59.7															
7	18.7	24.7	38.0	53.3	41.3	57.3	72.0	22.8	416.9															
8	20.6	25.6	67.4	41.1	53.3	68.0	71.2	29.8	78.4															
9	34.1	63.0	50.6	43.3	10.5	63.8	142.0	46.0	21.1															
10	27.7	35.5	60.9	50.1	14.7	51.6	68.6	194.9	21.4															
11	30.2	26.0	51.5	69.8	31.9	77.4	16.7	38.5	40.6															
12	36.8	26.1	33.5	65.1	39.8	46.8	78.8	32.0	45.7															
13	42.0	31.2	60.7	64.4	30.5	55.2	75.9	9.4	43.8															
14	27.7	30.4	55.5	68.6	29.3	67.2	232.7	15.9	191.3															
15	6.0	19.1	61.4	48.8	92.8	68.9	477.1	24.8	35.1															
16	11.3	27.6	47.1	45.0	34.5	71.8	21.8	26.6	40.9															
17	15.1	44.0	52.6	43.6	27.0	62.8	19.6	25.4	42.7															
18	12.9	28.0	43.4	40.5	43.5	62.6	30.2	37.0	50.3															
19	16.4	5.6	51.9	41.6	40.8	78.5	35.9	35.3	100.0															
20	6.8	6.0	49.4	46.1	47.2	97.2	40.3	29.3	53.3															
21	13.5	9.8	37.7	59.6	41.7	74.9	26.0	48.8	56.9															
22	15.2	13.8	85.2	54.4	45.7	65.0	22.6	46.4	40.2															
23	8.5	32.1	23.8	46.2	48.2	65.8	35.2	137.8	39.3															
24	7.2	18.1	17.9	62.3	40.8	77.5	10.1	25.1	41.1															
25	8.3	21.0	30.3	66.7	59.1	85.9	18.6	36.4	50.2															
26	11.0	23.9	37.7	43.6	47.2	68.3	34.0	69.5	47.3															
27	10.0	16.7	26.9	45.8	32.6	62.3	64.8	46.9	52.5															
28	16.1	8.4	26.4	131.0	40.5	57.3	57.3	76.6	58.4															
29	11.4		26.4	25.6	54.3	57.7	23.1	31.7	57.8															
30	24.2		121.6	35.2	179.9	62.0	25.1	38.1	52.3															
31	27.7		135.4		51.6		25.5	37.4																
31	1st quarter average			30.1			2nd quarter average			56.5			3rd quarter average			60.7			4th quarter average			#DIV/0!		
	# of valid samples			90			# of valid samples			91			# of valid samples			92			# of valid samples			0		
	% of samples collected			100.00%			% of samples collected			100.00%			% of samples collected			100.00%			% of samples collected			0.00%		
	# of 24 hr exceedances			0			# of 24 hr exceedances			2			# of 24 hr exceedances			5			# of 24 hr exceedances			0		

PINAL CO HOUSING PM₁₀ 2017 TEOM Data Reference Page

Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 155.5 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	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/m ³) minus high wind events	#DIV/0!
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Total # of 24 hr Exceedances	7
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Maximum Reading	477.1
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