

# PINAL CO HOUSING PM<sub>10</sub> 2009 TEOM Data

## 24 Hour Averages (ug/m<sup>3</sup>)

	January	February	March	April	May	June	July	August	September	October	November	December		
1	32.0	42.2	72.1	62.8	83.4	47.6	59.4	71.8	93.6	84.1	77.7	44.2		
2	46.4	52.0	80.4	66.1	85.3	47.2	25.1	58.0	45.2	81.8	120.1	54.1		
3	40.3	63.4	102.0	381.0	57.3	61.3	31.4	64.7	88.5	48.0	126.3	71.4		
4	17.5	73.2	72.3	51.2	62.4	65.1	12.1	117.8	23.8	167.4	176.6	83.0		
5	7.7	65.3	61.1	46.2	69.7	79.2	23.2	291.1	19.1	70.0	135.3	99.9		
6	17.8	35.5	66.2	79.1	68.2	50.4	32.6	59.8	35.4	85.0	182.5	43.2		
7	23.3	23.2	41.3	52.9	73.9	45.9	49.3	73.7	24.8	68.8	109.7	157.3		
8	34.6	5.2	70.1	80.9	75.0	50.3	48.1	78.8	36.0	67.2	77.5	47.4		
9	45.3	68.2	25.3	63.5	70.0	56.1	50.0	61.6	25.9	80.2	101.1	26.1		
10	29.4	11.1	29.7	113.2	67.0	27.5	77.5	104.2	44.5	106.5	128.2	36.5		
11	23.4	14.3	42.2	12.0	85.9	38.6	54.8	89.4	AN	67.7	93.2	60.0		
12	72.2	19.1	53.9	17.0	64.8	35.8	50.7	169.0	72.9	43.7	65.6	41.8		
13	82.1	21.2	54.5	45.8	63.9	58.2	213.7	73.9	51.1	51.6	66.3	62.4		
14	72.5	19.1	55.9	100.6	81.5	40.7	49.3	59.4	26.2	76.5	20.3	61.3		
15	75.9	23.7	48.5	161.5	82.2	35.8	81.3	44.0	43.6	84.5	19.8	123.1		
16	72.5	23.4	72.2	39.6	64.1	63.3	65.1	42.6	36.4	91.1	37.5	47.2		
17	58.4	8.8	91.6	47.1	103.5	62.4	1444.7	108.1	62.2	67.6	61.4	77.8		
18	45.8	12.9	79.1	43.3	124.7	48.0	65.8	108.8	41.9	50.7	85.1	74.5		
19	55.4	21.8	80.5	45.2	73.2	85.1	167.9	101.5	98.3	51.7	112.1	74.0		
20	71.9	33.5	109.0	43.3	41.0	29.8	120.5	106.1	58.3	70.6	99.0	65.8		
21	93.2	36.9	55.4	59.2	27.2	42.2	120.1	168.1	59.0	84.3	84.5	135.4		
22	18.3	49.4	170.6	55.2	19.7	51.8	139.1	19.9	63.4	92.7	79.3	887.2		
23	11.9	66.1	96.4	67.3	23.3	61.3	58.6	17.5	69.2	97.1	122.3	54.7		
24	12.3	57.6	86.8	63.7	30.3	64.4	75.7	45.5	71.5	87.2	109.9	24.8		
25	14.3	59.5	58.4	88.5	34.7	57.6	99.5	43.6	62.8	62.1	85.2	21.5		
26	22.8	54.2	337.1	51.5	37.5	61.4	29.6	104.5	66.2	73.7	57.1	21.9		
27	30.9	59.1	44.0	87.2	51.8	60.2	43.6	101.1	61.5	798.5	98.8	26.4		
28	56.8	55.4	85.1	92.3	74.6	55.8	48.5	82.1	110.9	113.0	267.4	44.8		
29	36.9		68.6	59.7	103.2	63.4	89.6	56.0	77.0	62.9	57.7	51.0		
30	66.9		63.9	67.0	59.0	91.9	74.9	92.7	78.9	76.5	24.5	47.8		
31	50.5		72.5		42.6		65.5	69.4		138.4		38.6		
<b>1st quarter average</b>	54.0		<b>2nd quarter average</b>			64.6			<b>3rd quarter average</b>		86.8		<b>4th quarter average</b>	95.5
<b># of valid samples</b>	90		<b># of valid samples</b>			91			<b># of valid samples</b>		91		<b># of valid samples</b>	92
<b>% of samples collected</b>	100.00%		<b>% of samples collected</b>			100.00%			<b>% of samples collected</b>		98.91%		<b>% of samples collected</b>	100.00%
<b># of 24 hr exceedances</b>	2		<b># of 24 hr exceedances</b>			2			<b># of 24 hr exceedances</b>		6		<b># of 24 hr exceedances</b>	7

## PINAL CO HOUSING PM<sub>10</sub> 2009 TEOM Data Reference Page

### Corresponding Color Codings

### AQS Codings

<b>24 hour exceedances</b>	any sample > 154.5 ug/m <sup>3</sup>	
<b>PCAQCD Exceptional Event</b>	HIGH WIND EVENTS	
	HIGH WIND EVENTS - EPA CONCURRED.	### <sup>A</sup>
<b>Noise exceedences</b>	when the noise on the monitor invalidates the data & data recovery is <75%	AN
<b>Status flow out of range</b>	flow out of range for more than 1 hour	AH
	status codes other than 0 for more than 1 hour	AN
<b>General maintenance</b>	monitor is down for general maintenance activities or filter exchanges for more than 1 hour	BA
<b>Negative data readings</b>	data readings > - 10.4 ug/m <sup>3</sup> or	AN
	Operator Error for more than 6 hours	BJ
<b>Power failures</b>	power outage for more than 6 hours	AV
<b>CAL / VER / AUDIT</b>	monitor is down to perform monthly verification or	AT
	annual system calibrations or	AT
	QC Audit (ADEQ) for more than 1 hour	AZ

<b>Annual Average (ug/m<sup>3</sup>)</b>	75.20
--	-------

<b>Total # of 24 hr Exceedances</b>	17
-------------------------------------	----

<b>Maximum Reading</b>	1444.70
------------------------	---------