

CASA GRANDE PM₁₀ 2009 TEOM Data

24 Hour Averages (ug/m³)

	January	February	March	April	May	June	July	August	September	October	November	December		
1	43.1	36.9	57.7	39.8	52.5	31.3	34.4	33.7	41.7	55.8	56.0	31.0		
2	34.8	48.6	50.2	34.4	50.1	33.6	19.2	39.3	28.0	55.9	69.7	39.5		
3	26.1	41.1	58.8	92.6	30.1	40.5	25.9	49.3	155.1	36.4	75.4	52.6		
4	18.1	52.9	44.6	58.3	40.9	40.0	11.0	84.6	31.0	63.4	94.2	39.6		
5	9.9	47.0	33.1	31.1	44.3	49.3	20.7	97.7	24.7	53.0	80.1	68.1		
6	17.1	19.5	36.4	49.4	46.5	42.9	29.5	42.6	22.3	56.4	97.5	38.0		
7	28.9	19.2	28.8	33.9	45.5	44.5	29.5	40.9	16.9	39.6	86.9	162.6		
8	33.8	5.7	44.7	49.3	48.3	34.4	32.0	45.3	24.4	35.8	51.4	52.7		
9	32.7	24.2	24.4	40.1	33.9	39.7	33.4	30.1	18.6	55.8	63.6	32.5		
10	16.7	14.5	25.4	75.2	35.9	19.2	72.0	54.5	32.6	60.1	89.4	33.7		
11	21.3	14.4	40.8	13.9	34.8	22.7	43.6	41.7	38.0	50.2	77.4	49.6		
12	49.2	17.7	34.0	16.1	37.2	23.3	40.6	117.4	44.5	36.8	52.5	36.7		
13	39.6	22.1	28.5	23.7	50.0	31.4	94.4	27.2	27.0	24.0	37.8	35.1		
14	44.8	18.4	31.5	56.4	46.6	28.1	35.3	21.0	34.3	48.2	25.0	31.4		
15	58.8	20.8	27.9	76.8	48.5	29.1	49.5	24.1	34.5	62.1	17.7	34.2		
16	46.5	25.4	39.6	35.0	36.6	42.4	47.2	24.9	31.5	68.5	20.0	35.2		
17	45.7	11.9	55.9	33.6	66.1	35.6	848.3	36.5	43.1	50.0	44.0	53.9		
18	42.5	18.8	55.9	29.7	42.8	24.5	67.1	42.9	28.2	42.6	62.9	50.7		
19	36.4	21.4	57.8	32.6	51.8	56.8	82.3	42.5	77.6	32.7	56.2	39.9		
20	51.7	34.1	55.4	31.9	33.4	21.3	152.8	53.2	39.6	50.2	65.6	43.0		
21	69.0	34.2	37.7	39.8	31.0	25.0	89.6	102.7	48.1	51.5	69.7	70.3		
22	21.0	44.8	106.0	35.4	15.1	43.6	75.6	17.8	60.8	58.0	51.1	126.3		
23	14.4	57.2	87.7	31.6	18.5	41.0	42.4	16.2	47.2	70.6	60.1	51.9		
24	9.7	42.4	49.8	30.4	28.3	44.5	34.8	46.7	46.1	63.3	53.0	25.7		
25	11.5	38.0	39.5	44.3	22.9	40.6	62.0	16.4	49.4	48.2	50.2	21.9		
26	23.1	30.1	115.6	32.3	32.5	55.2	27.6	28.6	54.3	58.0	45.5	24.8		
27	24.9	43.3	29.0	44.9	34.6	36.4	39.3	41.1	47.2	274.4	56.9	24.9		
28	25.3	40.0	41.0	44.9	38.5	38.9	31.9	45.7	71.8	80.5	93.1	33.7		
29	29.5		41.5	41.1	37.6	48.1	79.9	36.0	51.5	40.1	41.1	36.7		
30	44.1		51.1	46.6	31.8	80.6	42.7	52.1	60.5	45.5	26.0	33.5		
31	34.0		36.8		30.3		30.8	78.2		58.5		35.7		
1st quarter average	36.84		2nd quarter average			39.41		3rd quarter average		55.28		4th quarter average	54.80	
# of valid samples	90		# of valid samples			91		# of valid samples		92		# of valid samples		92
% of samples collected	100.00%		% of samples collected			100.00%		% of samples collected		100.00%		% of samples collected		100.00%
# of 24 hr exceedances	0		# of 24 hr exceedances			0		# of 24 hr exceedances		2		# of 24 hr exceedances		2

CASA GRANDE PM₁₀ 2009 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)	46.58
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Total # of 24 hr Exceedances	4
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Maximum Reading	848.31
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