

CASA GRANDE 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	10.5	10.5	14.4	29.1	40.4	28.5	22.1	16.1	16.2	AH	17.5	42.6
2	12.2	18.7	14.5	30.6	38.0	33.8	24.3	15.5	25.2	42.3	22.6	54.3
3	16.1	28.0	7.0	49.3	29.2	31.8	20.5	22.5	61.1	30.7	41.2	67.3
4	17.3	25.3	12.8	51.4	13.7	53.1	28.7	27.8	13.4	51.0	16.1	76.6
5	24.9	27.2	15.1	25.4	13.9	18.4	35.5	37.7	11.6	23.1	12.1	67.2
6	35.7	37.6	16.9	32.2	20.3	11.5	18.4	38.0	13.4	AN	19.6	46.0
7	26.3	26.6	20.1	37.5	19.4	14.0	18.1	31.0	16.2	AN	20.9	57.3
8	29.7	25.9	23.3	37.0	32.8	40.8	27.2	13.4	27.4	18.0	30.3	75.7
9	21.0	32.4	35.2	37.5	15.8	21.8	33.7	33.8	28.7	30.8	32.6	78.3
10	17.3	34.6	37.1	45.5	22.7	15.3	26.7	18.1	21.6	20.1	44.1	78.3
11	19.3	21.0	34.1	38.0	29.1	19.2	23.1	46.7	20.4	25.8	32.8	66.8
12	14.2	21.5	31.0	28.3	30.1	25.4	27.6	23.8	29.0	33.3	32.5	14.8
13	13.7	22.4	25.9	29.4	18.0	30.2	29.3	20.6	33.9	36.1	50.0	12.3
14	13.1	32.6	30.1	31.7	32.5	26.3	25.1	39.8	20.6	47.9	38.6	26.3
15	16.4	17.0	24.6	66.1	21.1	34.5	44.0	36.5	14.8	55.3	22.7	45.0
16	16.4	14.8	31.7	32.4	6.6	34.0	39.4	34.3	11.2	69.3	45.4	21.5
17	24.9	21.6	40.6	30.2	11.5	45.7	22.2	32.2	19.9	13.3	58.7	28.8
18	23.6	36.9	25.0	28.9	17.7	52.2	27.1	25.6	26.4	14.0	32.8	45.8
19	29.0	41.6	9.7	31.3	20.6	51.5	16.9	26.6	36.9	14.8	32.7	51.2
20	29.7	33.0	14.5	35.6	29.1	38.0	20.1	63.4	15.9	17.6	52.5	17.1
21	24.8	21.3	18.3	27.7	31.4	31.4	24.4	29.6	12.7	11.3	35.2	36.9
22	16.4	16.9	19.9	30.8	30.8	35.4	16.9	32.2	6.6	12.4	25.1	32.3
23	15.5	17.1	23.4	25.7	30.9	44.6	27.6	38.5	16.6	20.6	53.1	17.8
24	31.4	14.3	29.8	21.5	19.5	47.8	27.0	38.3	22.0	18.8	48.2	18.7
25	20.3	18.6	40.0	31.5	22.7	42.3	34.0	29.3	28.2	21.0	46.0	18.7
26	36.5	21.7	31.2	20.5	29.7	39.2	29.8	22.2	20.5	29.8	72.9	34.8
27	16.9	25.4	41.6	22.6	37.4	176.4	25.3	40.3	19.5	35.9	26.3	20.1
28	14.9	20.0	36.7	17.9	30.8	51.8	49.8	24.9	34.1	44.4	33.0	29.3
29	16.8		33.5	21.5	36.8	41.2	24.6	75.2	41.1	21.3	24.6	36.1
30	6.2		38.8	27.0	34.3	37.9	22.1	26.8	AH	12.1	42.0	38.1
31	5.1		35.0		25.1		55.4	28.0		13.4		37.7
1st quarter average	23.5		2nd quarter average	32.3		3rd quarter average	27.7		4th quarter average	35.3		
# of valid samples	90		# of valid samples	91		# of valid samples	91		# of valid samples	89		
% of samples collected	100.00%		% of samples collected	100.00%		% of samples collected	98.91%		% of samples collected	96.74%		
# of 24 hr exceedances	0		# of 24 hr exceedances	1		# of 24 hr exceedances	0		# of 24 hr exceedances	0		

CASA GRANDE PM₁₀ 2015 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 out of range	flow out of range for more than 1 hour machine malfunction shelter temperature out of range	AH AN AE
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 Operator Error for more than 6 hours	AN BJ
Power failures	power outage for more than 6 hours	AV
CAL / VER / AUDIT	monitor is down to perform monthly verification or annual system calibrations or QC Audit (ADEQ) for more than 1 hour	AT AT AZ

Annual Average (ug/m ³) minus high wind events	29.7
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Total # of 24 hr Exceedances	1
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Maximum Reading	176.4
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