

CASA GRANDE PM₁₀ 2018 TEOM Data

24 Hour Averages (ug/m³)

	24 Hour Averages (ug/m ³)			Approved Data		Preliminary Data								
	January	February	March	April	May	June	July	August	September	October	November	December		
1	67	58	16	31	35	39	22	134	56	11	42	18		
2	55	75	24	28	22	52	32	331	66	7	45	16		
3	55	55	18	37	27	38	32	70	18	6	34	21		
4	51	46	13	42	33	69	24	25	26	11	34	27		
5	53	61	30	46	30	52	299	25	73	18	42	28		
6	59	52	27	43	44	35	71	35	35	12	48	27		
7	45	31	39	37	29	46	56	165	34	23	41	8		
8	58	54	41	31	35	39	227	149	29	11	42	11		
9	181	63	37	44	32	34	57	253	31	13	33	13		
10	11	67	29	57	34	30	54	68	36	20	44	18		
11	15	39	12	46	275	37	30	30	30	22	36	40		
12	24	69	22	451	50	38	27	76	43	9	40	22		
13	22	23	35	60	19	40	51	33	50	4	34	25		
14	24	28	45	31	21	52	53	42	51	7	21	34		
15	31	4	37	36	26	61	20	77	46	11	46	34		
16	53	14	26	91	46	10	30	18	46	8	49	29		
17	43	15	18	91	44	11	65	19	45	11	47	41		
18	40	8	16	43	34	32	39	20	48	9	43	28		
19	46	77	26	144	48	31	26	23	47	11	64	30		
20	56	39	37	62	30	31	32	124	15	16	71	48		
21	21	25	40	35	43	32	90	25	22	45	52	55		
22	26	17	46	38	31	36	16	177	17	16	40	43		
23	28	28	24	40	29	62	31	34	17	30	33	34		
24	32	15	56	43	38	39	33	57	21	17	38	37		
25	44	22	27	44	22	27	46	14	33	24	35	20		
26	44	34	40	42	52	39	49	18	31	32	49	8		
27	37	61	29	40	70	41	51	23	38	32	62	11		
28	32	8	26	39	35	42	112	39	43	28	61	15		
29	31		32	46	43	49	26	42	25	36	53	14		
30	46		41	28	31	33	129	85	56	27	16	13		
31	62		35		35		25	37		34		14		
1st quarter average			38.0	2nd quarter average			48.0	3rd quarter average			57.1	4th quarter average		28.7
# 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			1	# of 24 hr exceedances			2	# of 24 hr exceedances			6	# of 24 hr exceedances		0

CASA GRANDE PM₁₀ 2018 TEOM Data Reference Page

Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 155.5 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	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	43.0
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Total # of 24 hr Exceedances	9
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Maximum Reading	451
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