

CASA GRANDE PM2.5 2017 47MM FILTER Data

24 Hour Averages (ug/m³)

	Approved Data					Peliminary Data							
	January	February	March	April	May	June	July	August	September	October	November	December	
1	1.2			8.4	6.6				11.3	4.8			
2			4.3					5.2					
3		9.7				AJ	9.7				7.5	15.3	
4	12.0			6.5	7.1				7.7	9.5			
5			4.6					6.7					
6		6.8				6.6	12.3				8.6	9.6	
7	6.6			9.0	7.9				18.3	11.8			
8			8.5					10.1					
9		8.1				12.2	17.3				9.0	12.3	
10	6.8			10.2	4.4				9.7	6.5			
11			7.9					5.8					
12		3.7				6.0	8.9				12.0	16.6	
13	11.3			12.3	6.2				8.3	11.8			
14			8.0					6.4					
15		2.8				9.6	21.6				14.9	11.7	
16	5.1			8.4	6.9				5.4	9.4			
17								4.2					
18		4.2	8.4			11.1	10.0				8.1	15.5	
19	7.4			6.8	3.3				6.9	10.7			
20								4.8					
21		5.9	6.7			13.2					16.8	9.8	
22	4.7			7.7	7.7		6.4		8.6	14.9			
23			4.4					8.5					
24		4.8				11.0					15.7	16.1	
25	AN			12.5	4.8		6.6		7.1	8.6			
26			5.4					10.2					
27		4.4				10.1	9.9				14.5	20.8	
28	AN			9.9	6.8				9.2	19.2			
29			3.9					8.7					
30						7.4	4.7				21.6	15.0	
31	7.3				8.1					9.1			
1st quarter average			6.2	2nd quarter average		8.3	3rd quarter average		9.0	4th quarter average			12.5
# of valid samples			28	# of valid samples		30	# of valid samples		30	# of valid samples			31
% of samples collected			93.33%	% of samples collected		96.77%	% of samples collected		100.00%	% of samples collected			100.00%
# of 24 hr exceedances			0	# of 24 hr exceedances		0	# of 24 hr exceedances		0	# of 24 hr exceedances			0

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Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 35.0 ug/m ³	
PCAQCD Exceptional Event	HIGH WIND EVENTS HIGH WIND EVENTS - EPA CONCURRED.	### ^A
Status out of range	flow out of range for more than 1 hour machine malfunction Filter Damage Filter temperature out of range	AH AN AJ AE
General maintenance	monitor is down for general maintenance activities or filter exchanges for more than 1 hour Building/Site repair	BA BA BE
Power failures/Vandalism	power outage for more than 6 hours Vandalism	AV AP
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/m³) minus high wind events	9.1
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Total # of 24 hr Exceedances	0
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Maximum Reading	21.6
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