

# APACHE JUNCTION PM2.5 2017 47MM FILTER Data

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

	Approved Data			Peliminary Data								
	January	February	March	April	May	June	July	August	September	October	November	December
1	1.8			AE	4.2				8.7	3.8		
2			1.8					3.2				
3		4.1				7.8	9.9				4.4	7.7
4	3.4			3.7	5.5				7.1	6.7		
5			3.3					5.9				
6		3.9				5.4	8.4				2.7	3.3
7	2.2			AJ	12.8				15.1	5.7		
8			4.0					4.3				
9		4.3				7.2	13.3				3.6	3.2
10	AJ			7.9	3.8				7.9	3.0		
11			4.4					4.2				
12		5.0				4.8	7.3				3.6	3.3
13	6.1			7.3	6.4				5.6	5.6		
14			4.2					5.8				
15		1.9				4.5	9.1				5.4	6.7
16	4.7			7.5	10.2				3.9	5.2		
17			4.5					2.4				
18		4.2				7.6					3.2	3.6
19	6.6			6.0	1.5				3.5	6.3		
20			5.5				5.3	4.1				
21		3.3				10.1					6.8	6.4
22	3.6			5.4	4.3		4.8		4.6	9.2		
23			4.0					6.5				
24		3.9				10.0					5.6	6.3
25	3.7			10.5	4.4		5.7		3.8	5.4		
26			4.2					3.9				
27		2.9				8.8	6.4				7.4	6.3
28	1.9			7.0	5.3				4.6	6.3		
29			3.3					5.3				
30						5.0	3.2				7.4	5.4
31	3.4				6.3					5.8		
<b>1st quarter average</b>			3.8	<b>2nd quarter average</b>		6.6	<b>3rd quarter average</b>		6.1	<b>4th quarter average</b>		5.3
<b># of valid samples</b>			29	<b># of valid samples</b>		29	<b># of valid samples</b>		30	<b># of valid samples</b>		31
<b>% of samples collected</b>			96.67%	<b>% of samples collected</b>		93.55%	<b>% of samples collected</b>		100.00%	<b>% of samples collected</b>		100.00%
<b># of 24 hr exceedances</b>			0	<b># of 24 hr exceedances</b>		0	<b># of 24 hr exceedances</b>		0	<b># of 24 hr exceedances</b>		0

## APACHE JUNCTION PM2.5 2017 47MM FILTER Data Reference Page

### Corresponding Color Codings

### AQS Codings

<b>24 hour exceedances</b>	any sample > 35.0 ug/m <sup>3</sup>	
<b>PCAQCD Exceptional Event</b>	HIGH WIND EVENTS HIGH WIND EVENTS - EPA CONCURRED.	### <sup>A</sup>
<b>Status out of range</b>	flow out of range for more than 1 hour machine malfunction Filter Damage Filter temperature out of range	AH AN AJ AE
<b>General maintenance</b>	monitor is down for general maintenance activities or filter exchanges for more than 1 hour Building/Site repair	BA BA BE
<b>Power failures/Vandalism</b>	power outage for more than 6 hours Vandalism	AV AP
<b>CAL / VER / AUDIT</b>	monitor is down to perform monthly verification or annual system calibrations or QC Audit (ADEQ) for more than 1 hour	AT AT AZ

<b>Annual Average (ug/m<sup>3</sup>) minus high wind events</b>	5.5
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<b>Total # of 24 hr Exceedances</b>	0
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<b>Maximum Reading</b>	15.1
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