

# APACHE JUNCTION PM2.5 2018 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						4.7	2.6				2.6	5.6	
2		6.9		2.9	6.6				8.1	2.3			
3	2.9		5.4					15.4					
4		5.6				6.3	4.5				5.2	2.3	
5	4.9			6.2	3.7				10.8	4.4			
6			1.9					7.9					
7		1.7				5.6	7.4				4.2	2.9	
8	3.3			7.3	5.2				4.9	2.2			
9			4.0					8.8					
10		4.7				6.0	5.1				7.0	1.9	
11	6.1			8.0	34.4				5.1	4.1			
12			2.4					5.2					
13		4.7				5.1	5.9				2.2	1.9	
14	2.5			4.2	4.3				4.9	2.6			
15			5.8					7.4					
16		7.8				5.6	5.9					2.4	
17	5.4			10.9	6.1				6.9	2.8	6.4		
18			2.7					4.7					
19		5.2				4.0	5.6				5.8	4.8	
20	5.7			11.2	6.4				5.2	3.1			
21			3.4					5.5					
22		AJ				4.7	4.4				11.0	AJ	
23	1.3			7.2	5.5				3.3	2.6			
24			4.0					5.3					
25		3.4				6.9	6.5				2.8	3.1	
26	5.9			7.7	8.1				3.9	3.9			
27			4.1					7.0					
28		3.2				5.7	7.3				4.1	3.7	
29	3.4			8.4	6.1				3.9	4.4			
30			4.6					8.7					
31							5.6					2.7	
<b>1st quarter average</b>			4.2	<b>2nd quarter average</b>		7.2	<b>3rd quarter average</b>		6.2	<b>4th quarter average</b>			3.8
<b># of valid samples</b>			29	<b># of valid samples</b>		30	<b># of valid samples</b>		31	<b># of valid samples</b>			30
<b>% of samples collected</b>			93.55%	<b>% of samples collected</b>		100.00%	<b>% of samples collected</b>		103.33%	<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 2018 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	AH
	Machine malfunction	AN
	Holding time error	TS
	Operator error	BJ
	Filter damage	AJ
	Filter temperature out of range	AE
<b>General maintenance</b>	Monitor is down for general maintenance activities or	BA
	Filter exchanges for more than 1 hour	BA
	Building/Site repair	BE
<b>Power failures/Vandalism</b>	Power outage for more than 6 hours	AV
	Vandalism	AP
<b>CAL / VER / AUDIT</b>	Monitor is down to perform monthly verification or	AT
	Annual system calibrations or	AT
	QC audit (ADEQ) for more than 1 hour	AZ

<b>Annual Average (ug/m<sup>3</sup>) minus high wind events</b>	5.4
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<b>Total # of 24 hr Exceedances</b>	0
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<b>Maximum Reading</b>	34.4
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