

# HIDDEN VALLEY 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	AN			8.4	33.2				23.1	12.2		
2			6.9					21.7				
3		17.7				25.3	22.5				7.5	16.1
4	14.2			7.8	27.3				10.0	25.0		
5			6.3					11.3				
6		10.1				19.2	20.0				13.9	9.8
7	6.9			22.4	6.6				AG	36.1		
8			12.9					33.6				
9		9.6				16.7	11.8		14.3		11.1	11.8
10	7.6			22.3	3.9					18.1		
11			12.1					6.6				
12		2.9				18.3	21.4		17.0		11.1	14.8
13	18.0			35.0	8.1				22.7	38.2		
14			27.1					9.7				
15		6.7				38.6	AG				20.5	10.3
16	3.8			20.8	9.7				23.3	AJ		
17			25.1					14.6				
18		4.5				23.0	8.8				6.7	10.8
19	7.2			6.4	6.0				12.7			
20			33.9					30.0				
21		8.9				20.5				22.2	15.1	7.8
22	3.9			AN	14.5		14.5		AJ			
23			5.5					AG				
24		6.2				19.0				29.4	17.5	13.0
25	2.6				4.8		7.5		17.9	12.4		
26			10.1	4.4				27.6				
27		3.9				15.3	21.7				22.8	16.9
28	2.2			10.0	17.9				17.8	14.1		
29			AG					27.2				
30						32.9	21.8				25.4	13.9
31	2.2				13.0					16.0		
<b>1st quarter average</b>			10.0	<b>2nd quarter average</b>		17.0	<b>3rd quarter average</b>		18.2	<b>4th quarter average</b>		16.7
<b># of valid samples</b>			28	<b># of valid samples</b>		30	<b># of valid samples</b>		27	<b># of valid samples</b>		30
<b>% of samples collected</b>			93.33%	<b>% of samples collected</b>		96.77%	<b>% of samples collected</b>		90.00%	<b>% of samples collected</b>		96.77%
<b># of 24 hr exceedances</b>			0	<b># of 24 hr exceedances</b>		1	<b># of 24 hr exceedances</b>		0	<b># of 24 hr exceedances</b>		2

# HIDDEN VALLEY 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>
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<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
	Filter Damage	AJ
	Sample time out of limits	AG
	Lab Error	AR
	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>	15.5
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<b>Total # of 24 hr Exceedances</b>	3
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<b>Maximum Reading</b>	38.6
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