

HIDDEN VALLEY PM2.5 2017 BAM 1020 Data

24 Hour Averages (ug/m³)

	Approved Data					Preliminary Data								
	January	February	March	April	May	June	July	August	September	October	November	December		
1	1.1	12.0	3.7	7.1	21.0	15.5	22.1	AN	15.8	14.8	8.6	42.0		
2	4.3	8.2	4.5	13.6	12.5	22.0	15.6	AN	12.7	9.5	4.7	32.3		
3	9.0	14.6	5.6	13.0	26.9	19.6	28.0	AN	6.8	14.0	7.1	24.3		
4	12.9	14.7	5.0	6.5	57.5	19.7	13.4	AN	7.2	14.2	5.4	15.7		
5	5.5	7.7	3.5	11.8	21.0	16.6	13.3	AN	12.6	12.0	2.8	10.3		
6	2.7	8.6	2.2	13.2	16.0	15.2	22.2	AN	37.0	13.9	20.3	8		
7	6.5	1.7	5.2	19.1	6.5	34.9	31.0	AN	32.1	38.5	28.0	9.2		
8	8.0	8.7	12.1	10.7	9.3	18.5	17.0	AN	15.3	AN	10.2	19.9		
9	8.3	7.5	8.6	15.0	1.3	17.2	12.9	AN	13.0	AN	13.1	12.0		
10	7.2	5.9	12.7	21.3	4.1	15.0	37.8	AN	13.7	AN	21.6	15.8		
11	3.2	6.2	9.1	22.2	5.1	13.0	AN	AN	14.1	23.1	16.7	10.3		
12	6.1	0.8	9.6	16.5	8.8	11.7	AN	AN	8.0	13.7	20.9	15.9		
13	18.1	8.0	16.9	28.7	6.8	18.6	AN	AN	15.9	24.8	38.5	11.8		
14	9.7	7.8	16.2	14.2	8.8	26.2	AN	AN	9.5	21.6	36.6	11.6		
15	3.0	10.7	13.7	20.5	12.1	26.8	AN	AN	4.5	12.0	32.1	8.2		
16	3.0	6.7	18.6	14.2	9.4	17.2	AN	AN	14.2	19.7	40.2	14.4		
17	6.4	7.6	18.1	28.2	6.1	26.1	AN	AN	8.1	30.5	22.8	8.0		
18	7.3	6.5	16.8	11.7	9.4	24.2	AN	AN	19.3	38.6	7.5	7.8		
19	4.8	0.2	14.9	5.2	3.0	24.8	AN	AN	11.5	25.0	5.6	9.1		
20	3.1	3.8	21.6	22.4	7.3	32.8	AN	AN	9.1	14.1	16.5	11.0		
21	1.1	8.0	10.8	11.6	14.3	29.0	AN	AN	13.7	21.3	16.4	6.0		
22	3.3	4.3	12.5	16.6	12.2	26.1	AN	AN	8.8	21.7	17.7	4.7		
23	0.7	3.4	4.0	15.4	7.9	28.6	AN	AN	18.9	16.3	15.9	6.0		
24	0.3	6.3	6.7	10.3	15.8	30.7	AN	AN	4.6	32.2	23.0	8.1		
25	2.4	10.3	3.9	25.5	5.0	38.2	AN	10.3	16.6	10.2	15.8	11.0		
26	3.6	5.3	9.7	5.2	7.1	39.6	AN	26.7	29.8	31.0	12.0	14.6		
27	1.4	1.9	11.0	20.5	15.0	16.3	AN	18.0	19.5	19.7	18.2	14.4		
28	2.8	3.5	3.2	8.9	15.6	17.8	AN	26.0	18.3	23.4	14.2	10.5		
29	3.6		4.6	2.5	19.0	15.8	AN	25.1	22.9	15.8	21.5	9.2		
30	4.7		19.5	9.0	26.7	34.6	AN	30.0	23.7	19.1	23.2	9.7		
31	8.0		26.4		8.7		AN	23.6		10.8		12.2		
1st quarter average			7.6	2nd quarter average			16.8	3rd quarter average			17.7	4th quarter average		16.9
# of valid samples			90	# of valid samples			91	# of valid samples			47	# of valid samples		89
% of samples collected			100.00%	% of samples collected			100.00%	% of samples collected			51.09%	% of samples collected		96.74%
# of 24 hr exceedances			0	# of 24 hr exceedances			3	# of 24 hr exceedances			2	# of 24 hr exceedances		6

HIDDEN VALLEY PM2.5 2017 BAM 1020 Data Reference Page

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
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 recovery is <75% due to Negative values	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	14.8
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Total # of 24 hr Exceedances	11
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Maximum Reading	57.5
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