

HIDDEN VALLEY PM2.5 2020 BAM 1020 Data

24 Hour Averages (ug/m³)

	Approved Data			Peliminary Data									
	January	February	March	April	May	June	July	August	September	October	November	December	
1	11.3	4.9	4.6	6.4	13.3	17.6	17.7	18.5	5.8	47.3	19.3	16.1	
2	4.7	4.9	3.9	5.7	12.7	11.7	48	15.2	7.9	28.7	11.7	9.2	
3	6.5	4	1.2	9.4	13.5	23.3	14.6	32.2	14.6	18.5	11.2	7.5	
4	5.4	2.6	3.1	8.2	16.2	12.7	11	39.2	25.3	34.6	18.2	5.8	
5	6.5	4	7.3	8.4	25.3	15.3	13.5	15.3	23.8	32.6	24.9	13.7	
6	6.3	8.4	7.7	9.6	35.1	10.8	AK	23.2	25.4	39	25.5	14.8	
7	4.1	7.9	7	6.2	22.5	12.8	AK	22.7	20.3	43.6	14.6	10.8	
8	4.9	11.1	7.4	8.3	26.7	9.6	AK	28.2	14.5	32.4	6.1	7.4	
9	5.2	8.4	5.6	12.1	13.6	9.5	AK	17.7	11.2	29.2	7.4	8.2	
10	3.1	5.3	5.5	7.7	13.4	28.8	AK	17.1	21	19.8	7	2.2	
11	5.2	3.5	1.7	5.1	9.4	26.4	9	15.6	31	24.2	15.7	6.3	
12	7.7	2.9	2	2.2	4.8	25.4	17.7	16.3	30.3	54.5	17.8	5.1	
13	7.8	6.2	2.3	5.1	9.7	20.9	21.3	17.5	32.1	33	18.8	1.6	
14	6.1	9.5	3.1	4.4	14.2	26.5	21.4	27	29.6	31.7	12.9	5.2	
15	10.4	4.9	3.4	7.7	13.7	26.3	36	19.2	29.7	44.2	10.6	5.5	
16	11	10.6	1.8	11.5	14.2	12.8	48.6	49.7	20.1	21.1	15.4	6	
17	4.9	12.2	3.4	9.2	16.3	11.6	14.7	38.2	30.2	20.6	20.4	8.3	
18	7.4	17.5	2.4	6.5	14	15.6	14.8	14.5	29.6	37.2	19.5	6.7	
19	8.1	13.4	1.5	10.3	7.1	13.4	10.7	19.2	43.7	40.6	23.5	7	
20	6.7	15.5	4.9	10.8	10	19.4	25.2	19.7	25.3	34.9	27	8.1	
21	4.1	16.2	4.3	14.9	18.9	17.1	18.4	8.6	21	24	33.7	9.8	
22	4.1	3.4	4.9	6.3	11.8	14.9	35	7.5	20	32.9	20.3	12.7	
23	8.7	3.3	1.8	11.6	7.9	9.6	20.7	17.3	18.5	13	28.2	10.8	
24	8.2	3	3.8	30	9.6	21.3	9.2	26.1	31.3	16.9	9.6	7.4	
25	8.2	4.2	4	11.3	9.2	21.7	27.2	39.3	21.6	8.3	22	5.5	
26	10.3	3.6	2	28.6	21.4	43	22.2	36.8	19.7	15.6	16	7.8	
27	3.7	4.2	3.3	14.5	11.9	28.3	32.2	25.9	15.8	8.7	6.4	11.2	
28	5	6.2	11.8	20.4	10.2	18.7	12.8	25.4	37.8	18	10.9	4.6	
29	5.1	4.2	6.7	22.9	23.3	10.5	26.2	20.1	26.7	11.9	12.8	3.5	
30	2		4.2	14.7	27.9	13.2	8.8	5.4	67.3	9.8	18.5	3.2	
31	5		9.3		17		15.1	4.2		15.4		5.4	
1st quarter average			5.9	2nd quarter average			14.9	3rd quarter average			22.8	4th quarter average	
# of valid samples			90	# of valid samples			91	# of valid samples			87	# of valid samples	
% of samples collected			100.00%	% of samples collected			100.00%	% of samples collected			94.57%	% of samples collected	
# of 24 hr exceedances			0	# of 24 hr exceedances			1	# of 24 hr exceedances			11	# of 24 hr exceedances	

HIDDEN VALLEY PM2.5 2020 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 exceedances	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
	leak check fail	AK
	shelter temperature out of range	AE
General maintenance	monitor is down for general maintenance activities or 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 annual system calibrations or	AT
	QC Audit (ADEQ) for more than 1 hour	AZ

Annual Average (ug/m³) minus high wind events	15.1
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Total # of 24 hr Exceedances	19
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Maximum Reading	67.3
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