

# HIDDEN VALLEY PM<sub>10</sub> 2016 TEOM Data

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

	Approved Data						Preliminary Data					
	January	February	March	April	May	June	July	August	September	October	November	December
1	BE	40.7	106.4	79.9	53.2	62.8	60.1	39.8	110.5	78.7	90.0	45.7
2	BE	6.7	88.5	76.0	40.4	70.7	67.7	44.9	76.2	36.5	83.1	37.0
3	BE	15.2	100.6	83.8	39.6	92.0	62.2	31.1	53.1	20.1	38.8	18.4
4	BE	17.9	125.7	97.4	130.8	62.5	71.5	48.3	74.5	95.2	17.1	17.8
5	BE	20.0	101.3	64.2	154.1	90.5	137.4	70.4	66.6	94.9	31.3	72.3
6	BE	23.1	93.0	79.2	37.3	252.6	94.3	103.3	90.9	99.3	32.5	62.1
7	BE	18.0	89.3	206.6	17.6	124.4	90.0	99.8	31.4	91.5	61.2	35.5
8	7.3	33.9	18.6	AH	25.5	201.3	103.3	115.9	23.0	94.4	57.4	36.9
9	10.5	26.3	72.9	AH	27.9	120.1	123.7	73.8	32.0	37.8	90.0	63.7
10	9.8	53.9	91.3	AH	56.3	91.3	109.1	99.1	78.3	146.5	129.0	81.2
11	5.5	93.2	69.3	AH	77.0	48.9	130.2	29.9	76.5	88.0	37.4	53.3
12	10.8	75.6	66.2	AH	138.9	50.3	114.2	23.1	47.3	164.7	42.2	74.2
13	18.7	73.0	58.3	61.8	141.4	71.9	124.5	196.0	173.6	204.5	34.6	75.0
14	18.5	46.6	65.5	70.4	101.7	83.7	77.4	88.9	70.6	103.5	105.3	80.0
15	19.4	49.3	71.2	69.5	78.9	53.9	100.4	106.2	135.4	131.6	105.2	103.8
16	21.3	56.0	80.2	22.8	80.5	98.6	115.0	189.6	133.4	98.3	108.2	26.4
17	18.7	78.3	169	55.5	160.7	182.3	189.6	134.6	186.3	136.2	77.6	112.5
18	25.5	54.0	70.3	27.6	36.9	33.0	187.9	58.0	156	138.8	56.7	30.6
19	31.8	76.6	76.1	62.6	98.7	40.0	305.2	75.2	183.8	58.8	102.9	29.1
20	34.3	62.3	135.6	113.1	91.0	129.7	115.4	95.7	40.7	97.8	71.6	43.8
21	25.0	36.8	146.6	131.9	74.1	119.5	144.0	74.7	44.3	102.0	12.6	39.1
22	27.8	54.7	62.3	132.9	31.7	123.9	149.5	39.8	24.3	117.3	45.8	6.3
23	54.3	33.7	32.9	48.3	78.6	189.1	100.7	41.4	67.6	147.4	45.6	12.7
24	14.2	61.1	110.8	76.2	85.3	170.2	85.8	153.1	85.6	168.2	24.5	47.1
25	59.2	37.5	159.6	67.7	97.9	81.6	78.6	96.9	44.9	65.1	42.9	6.9
26	23.2	83.0	113.7	77.8	88.2	76.7	149.8	65.9	303.9	78.6	36.9	9.9
27	27.6	100.0	152.9	107.2	92.0	188.3	174.0	92.6	96.6	123.1	33.8	15.2
28	56.6	64.8	50.2	55.5	79.8	174.5	85.4	59.4	25.3	139.3	40.7	18.8
29	52.1	101.1	43.5	54.7	63.2	167.9	1368	83.9	30.4	112.6	14.0	28.5
30	40.0		33.4	111.1	127.0	357.7	28.0	166.0	51.8	104.7	15.4	20.9
31	136.6		33.6		117.1		25.8	117.4		161.7		10.4
<b>1st quarter average</b>			58.2	<b>2nd quarter average</b>		95.0	<b>3rd quarter average</b>		109.8	<b>4th quarter average</b>		68.9
<b># of valid samples</b>			83	<b># of valid samples</b>		86	<b># of valid samples</b>		92	<b># of valid samples</b>		92
<b>% of samples collected</b>			92.22%	<b>% of samples collected</b>		94.51%	<b>% of samples collected</b>		100.00%	<b>% of samples collected</b>		100.00%
<b># of 24 hr exceedances</b>			2	<b># of 24 hr exceedances</b>		11	<b># of 24 hr exceedances</b>		13	<b># of 24 hr exceedances</b>		4

## COWTOWN PM<sub>10</sub> 2016 TEOM Data Reference Page

### Corresponding Color Codings

### AQS Codings

<b>24 hour exceedances</b>	any sample > 154.9 ug/m <sup>3</sup>	
<b>PCAQCD Exceptional Event</b>	HIGH WIND EVENTS	
	HIGH WIND EVENTS - EPA CONCURRED.	### <sup>A</sup>
<b>Noise exceedances</b>	when the noise on the monitor invalidates the data & data recovery is <75%	AN
<b>Status out of range</b>	flow out of range for more than 1 hour	AH
	machine malfunction	AN
	shelter 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>Negative data readings</b>	data readings > - 10.4 ug/m <sup>3</sup> or	AN
	Operator Error for more than 6 hours	BJ
<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>)</b>	83.0
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<b>Total # of 24 hr Exceedances</b>	30
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<b>Maximum Reading</b>	1368.0
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