

COWTOWN PM₁₀ 2012 TEOM Data

24 Hour Averages (ug/m³)

	January	February	March	April	May	June	July	August	September	October	November	December	
1	38.7	68.1	65.3	104.9	75.7	136.8	145.3	41.5	45.0	172.5	133.9	95.7	
2	43.0	104.3	72.1	136.3	73.7	196.4	140.6	53.4	148.2	210.6	118.7	83.6	
3	70.1	113.6	45.2	105.0	122.4	379.7	131.4	59.9	53.3	111.9	144.3	76.6	
4	73.5	112.6	216.2	129.7	118.1	95.1	44.5	69.6	61.7	96.2	180.6	99.3	
5	64.1	66.7	135.4	144.7	113.9	AP	18.1	70.9	56.9	73.1	230.4	132.4	
6	68.5	69.5	161.3	101.3	101.4	AP	37.6	62.8	161.6	77.5	248.6	142.2	
7	59.1	78.0	154.4	100.1	83.1	AP	51.5	80.7	14.5	56.6	114.9	91.5	
8	40.3	63.1	138.3	127.7	182.8	AP	45.5	389.2	28.0	74.5	136.8	75.6	
9	57.5	101.5	86.3	118.1	115.4	220.2	66.1	97.4	43.1	101.2	95.2	71.1	
10	65.9	66.2	67.3	172.1	52.5	116.3	113.5	98.8	50.0	186.0	42.7	99.3	
11	71.9	93.7	55.6	92.9	80.3	138.2	281.3	201.8	13.2	130.9	21.9	99.7	
12	86.8	59.7	94.1	63.6	174.0	114.2	49.8	102.2	23.4	54.3	38.9	120.2	
13	55.0	44.9	90.7	130.6	234.9	196.0	21.4	165.0	30.6	114.5	62.0	152.0	
14	91.0	42.9	140.4	105.8	225.3	162.3	31.3	382.7	22.0	145.1	123.5	11.0	
15	58.4	24.4	102.8	94.5	196.1	141.1	29.9	196.7	57.2	99.6	120.7	6.6	
16	21.7	48.7	202.4	231.7	186.9	698.6	AE	29.7	64.2	202.2	93.4	6.2	
17	23.1	42.5	181.2	101.9	180.5	150.0	AE	18.8	70.7	116.0	110.4	14.5	
18	36.0	23.9	132.8	115.9	142.4	212.8	72.3	18.0	68.9	72.8	61.2	18.6	
19	50.7	58.2	18.9	80.1	199.1	225.7	71.0	30.2	102.2	77.5	105.8	19.3	
20	63.6	52.8	17.5	96.5	214.5	200.4	126.0	72.7	90.5	63.3	114.1	15.9	
21	74.5	71.5	37.6	118.7	119.1	140.9	133.2	153.4	132.0	66.1	98.0	47.0	
22	168.2	78.9	46.0	69.1	277.1	128.6	30.4	17.8	79.8	55.5	73.1	31.4	
23	74.2	85.4	41.5	171.4	170.2	131.5	35.8	11.1	86.8	68.1	68.9	23.7	
24	44.1	149.8	46.5	92.7	218.4	169.0	50.1	19.3	106.8	132.3	155.9	25.3	
25	50.1	80.5	76.7	150.2	318.9	119.4	62.5	19.0	118.2	159.4	112.8	13.9	
26	57.9	107.0	43.1	106.1	96.1	205.0	93.1	19.6	72.3	113.6	164.6	25.0	
27	62.0	171.0	65.2	63.4	152.8	504.9	75.7	57.8	96.6	137.9	165.4	36.4	
28	60.1	63.8	64.2	228.8	237.9	91.4	61.1	55.2	76.1	122.2	130.7	33.3	
29	43.1	98.9	99.6	52.3	111.0	113.0	71.9	82.8	132.3	135.7	94.5	34.5	
30	68.6		81.3	68.2	202.4	194.5	22.5	73.5	101.7	167.7	90.5	20.3	
31	71.5		139.7		193.7		33.4	52.2		185.2		10.5	
1st quarter average			76.7	2nd quarter average			156.6	3rd quarter average			79.5	4th quarter average	95.3
# of valid samples			91	# of valid samples			87	# of valid samples			90	# of valid samples	92
% of samples collected			100.00%	% of samples collected			95.60%	% of samples collected			97.83%	% of samples collected	100.00%
# of 24 hr exceedances			6	# of 24 hr exceedances			33	# of 24 hr exceedances			7	# of 24 hr exceedances	13

COWTOWN PM₁₀ 2012 TEOM Data Reference Page

Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 154.5 ug/m ³
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PCAQCD Exceptional Event	HIGH WIND EVENTS	###^A
	HIGH WIND EVENTS - EPA CONCURRED.	

Noise exceedances	when the noise on the monitor invalidates the data & data recovery is <75%	AN
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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 filter exchanges for more than 1 hour	BA
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Negative data readings	data readings > - 10.4 ug/m ³ or	AN
	Operator Error for more than 6 hours	BJ

Power failures	power outage for more than 6 hours	AV
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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/m³)	102.0
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Total # of 24 hr Exceedances	59
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Maximum Reading	698.6
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