

COWTOWN PM₁₀ 2011 TEOM Data

24 Hour Averages (ug/m³)

	January	February	March	April	May	June	July	August	September	October	November	December
1	20.8	70.3	43.0	101.6	157.8	120.4	150.7	102.7	180.0	101.3	124.3	95.5
2	19.0	51.1	84.5	146.2	105.2	159.0	478.3	125.4	587.9	125.8	170.4	32.8
3	24.6	69.6	40.2	85.0	171.7	386.6	188.0	421.2	221.8	120.1	210.4	20.3
4	27.9	57.0	45.7	97.8	216.9	96.2	259.2	103.6	150.8	271.0	394.8	10.4
5	50.2	73.8	93.9	84.4	140.5	352.2	2315.7	137.3	107.5	119.2	13.0	17.1
6	66.8	157.2	63.6	151.3	190.0	120.6	100.7	94.9	228.0	48.7	22.3	25.5
7	68.6	67.4	170.2	101.5	222.8	133.3	241.7	173.1	136.7	145.8	17.7	36.8
8	30.4	90.1	64.6	138.7	138.9	163.4	133.7	114.8	282.1	263.9	19.9	44.9
9	32.7	107.3	125.8	8.1	107.1	168.5	171.8	131.8	177.7	81.5	17.9	AN
10	48.1	75.0	97.0	27.8	195.4	186.8	66.6	135.8	701.1	66.4	34.5	48.5
11	66.7	262.8	108.4	33.7	221.5	155.8	30.9	154.6	62.9	187.3	131.2	50.5
12	50.4	86.8	68.1	35.9	119.0	355.7	47.5	83.5	AN	214.7	52.1	21.5
13	41.0	188.6	86.9	74.5	109.6	145.6	60.2	86.0	51.2	324.5	8.3	2.5
14	58.5	98.9	203.0	104.2	161.5	285.5	98.3	73.1	28.9	173.2	18.7	9.1
15	51.5	118.3	311.5	108.4	100.2	241.2	56.3	96.5	36.3	140.1	23.0	10.8
16	50.5	81.6	114.2	132.1	182.2	374.6	86.4	195.3	44.7	146.6	40.4	17.2
17	91.3	62.5	96.4	121.1	189.8	215.2	502.2	102.2	34.0	198.9	61.2	26.7
18	108.4	65.2	93.5	124.5	191.2	133.7	1638.5	731.4	78.9	243.2	56.3	12.1
19	85.9	364.3	131.3	70.0	119.6	196.0	132.8	89.6	113.6	222.1	37.2	23.2
20	40.9	7.6	142.8	82.9	166.3	384.5	237.6	76.5	86.2	126.6	40.4	22.6
21	77.4	14.1	167.8	68.4	97.3	276.8	121.2	81.0	117.8	127.1	53.5	31.3
22	85.5	14.8	11.8	131.0	111.6	149.2	106.7	193.9	185.7	170.3	41.8	40.0
23	65.3	29.2	46.6	84.3	151.8	208.1	108.2	153.4	202.6	174.6	84.4	19.5
24	63.4	21.4	45.3	120.1	143.2	177.9	1175.7	238.8	116.5	172.2	31.2	22.4
25	67.8	41.1	126.1	203.1	135.0	150.1	25.8	1064.1	149.5	76.4	36.4	20.4
26	52.7	76.4	44.6	137.1	130.4	116.4	50.9	248.2	62.6	177.2	54.7	31.9
27	79.9	10.1	52.3	217.8	163.0	115.3	49.2	380.9	150.4	157.7	51.6	51.1
28	137.7	18.6	56.7	155.3	320.2	141.5	81.8	183.0	143.7	81.7	86.7	39.4
29	72.4		104.1	145.3	284.6	174.3	82.8	126.5	301.1	259.9	142.7	62.5
30	65.0		125.2	116.1	167.4	119.1	72.0	123.5	83.8	132.0	124.5	60.0
31	54.7		214.8		170.9		635.8	168.6		166.3		
1st quarter average	82.4		2nd quarter average	157.1		3rd quarter average	225.5		4th quarter average	90.3		
# of valid samples	90		# of valid samples	91		# of valid samples	91		# of valid samples	90		
% of samples collected	100.00%		% of samples collected	100.00%		% of samples collected	98.91%		% of samples collected	97.83%		
# of 24 hr exceedances	9		# of 24 hr exceedances	38		# of 24 hr exceedances	33		# of 24 hr exceedances	19		

COWTOWN PM₁₀ 2011 TEOM Data Reference Page

Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 154.5 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 flow out of range	flow out of range for more than 1 hour	AH
	status codes other than 0 for more than 1 hour	AN
General maintenance	monitor is down for general maintenance activities or filter exchanges for more than 1 hour	BA
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
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
Construction in near vicinity to monitor	AQS code for Information Only	J

Annual Average (ug/m³)	138.8
--	-------

Total # of 24 hr Exceedances	99
-------------------------------------	----

Maximum Reading	2315.7
------------------------	--------