

COWTOWN PM₁₀ 2014 TEOM Data

24 Hour Averages (ug/m³)

	January	February	March	April	May	June	July	August	September	October	November	December
1	36.1	51.9	61.3	131.7	334.4	99.4	140.8	29.2	74.0	43.8	67.8	77.3
2	34.6	40.3	7.2	119.3	521.4	124.3	122.5	21.8	83.1	43.3	88.8	124.3
3	51.5	64.7	15.7	229.6	131.4	137.3	540.8	25.3	61.1	52.9	160.0	32.4
4	42.6	55.7	22.7	83.3	228.0	166.7	43.9	35.2	96.7	62.9	65.6	19.1
5	33.8	71.3	28.0	99.0	125.7	225.1	86.4	49.2	48.0	56.4	127.9	18.0
6	40.4	62.6	38.9	145.7	189.9	192.3	137.8	AN	154.1	80.6	87.8	19.2
7	54.3	47.1	41.8	310.2	184.2	123.0	85.5	54.2	47.1	77.3	198.4	19.5
8	57.3	48.2	37.9	219.0	182.3	AE	158.7	149.6	AN	21.6	90.0	26.9
9	54.6	73.2	39.7	338.8	110.5	AE	29.4	176.8	AN	11.3	265.7	27.8
10	49.5	68.0	58.2	114.5	180.8	271.7	77.5	150.0	36.4	18.3	93.8	31.9
11	47.8	79.1	46.1	184.8	226.8	241.5	49.2	123.9	37.6	25.7	208.8	33.6
12	42.5	76.7	56.4	142.4	92.8	175.2	73.3	46.3	45.6	32.9	54.1	34.7
13	47.8	83.4	157.9	155.0	67.3	167.3	131.2	15.1	79.4	48.8	53.6	12.0
14	74.2	135.9	57.8	171.8	264.0	174.2	46.0	34.1	42.8	97.3	48.3	12.2
15	61.9	101.9	57.3	306.5	149.7	170.5	55.4	44.0	46.4	67.4	43.1	22.8
16	65.4	79.1	AV	120.3	117.5	157.4	55.1	70.8	32.2	49.2	59.4	24.4
17	76.3	127.7	AV	80.3	248.6	235.5	121.9	127.7	15.5	89.4	113.7	9.3
18	67.4	78.9	79.4	89.6	203.8	357.0	75.6	26.9	14.7	60.0	159.1	12.0
19	84.7	79.1	75.1	238.4	314.0	75.2	56.0	27.4	38.3	169.2	177.2	14.3
20	81.8	102.5	78.0	51.0	177.3	146.4	53.1	35.3	39.3	61.3	170.1	17.6
21	88.9	80.5	76.1	107.6	184.7	166.8	67.4	55.6	21.3	83.7	128.9	14.7
22	87.0	80.2	59.5	116.4	108.0	98.0	151.8	17.6	51.7	125.5	75.4	21.9
23	98.1	84.4	104.3	321.7	106.0	268.4	113.5	23.6	69.3	108.4	51.8	22.3
24	90.1	102.9	95.9	151.5	217.4	117.0	57.2	52.7	49.0	102.2	109.0	26.0
25	92.6	85.4	95.2	133.3	83.0	111.0	234.8	132.8	76.2	89.0	180.6	25.4
26	59.9	83.5	147.1	344.0	248.4	196.9	AV	20.9	68.8	39.3	97.1	33.1
27	71.0	87.9	117.4	155.3	137.4	101.2	AV	47.4	33.9	67.4	105.2	26.8
28	57.8	203.2	81.7	230.9	127.1	102.4	AV	98.2	21.1	71.3	271.9	29.7
29	83.1		120.6	73.6	216.8	107.9	56.9	158.9	27.2	132.1	92.2	30.7
30	98.9		129.9	47.2	117.3	118.0	96.0	55.9	40.4	103.8	89.0	41.9
31	135.7		118.6		177.5		67.0	82.5		64.2		17.5
1st quarter average			74.0	2nd quarter average		173.2	3rd quarter average		74.7	4th quarter average		71.4
# of valid samples			88	# of valid samples		89	# of valid samples		86	# of valid samples		92
% of samples collected			97.78%	% of samples collected		97.80%	% of samples collected		93.48%	% of samples collected		100.00%
# of 24 hr exceedances			2	# of 24 hr exceedances		46	# of 24 hr exceedances		5	# of 24 hr exceedances		10

COWTOWN PM₁₀ 2014 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/m ³)	98.3
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Total # of 24 hr Exceedances	63
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Maximum Reading	540.8
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