

COMBS PM₁₀ 2009 TEOM Data

24 Hour Averages (ug/m³)

	January	February	March	April	May	June	July	August	September	October	November	December	
1	22.4	29.7	41.4	59.4	71.2	49.1	67.1	47.7	41.3	92.0	38.2	39.7	
2	27.8	47.3	63.3	48.4	51.5	48.9	26.5	42.7	32.8	79.2	96.4	50.5	
3	19.9	80.8	70.8	130.8	41.5	54.2	22.4	69.9	64.7	52.1	89.6	57.3	
4	13.3	69.5	62.7	41.9	55.9	64.8	21.8	94.0	27.2	61.4	94.7	39.5	
5	12.7	63.1	65.0	28.8	80.5	56.2	19.5	180.1	AN	54.2	90.4	55.6	
6	17.8	38.7	53.8	61.8	70.1	56.2	37.6	58.7	AN	89.8	114.0	22.8	
7	23.8	17.9	33.9	46.4	74.1	42.2	33.2	73.3	AN	75.1	77.2	49.9	
8	29.8	6.6	34.8	57.7	69.7	51.5	53.5	41.7	17.5	53.7	60.6	42.5	
9	31.6	14.1	29.0	46.5	51.4	49.9	65.6	39.3	30.2	65.9	64.7	21.5	
10	15.7	10.0	31.5	73.1	48.5	19.0	61.8	68.2	43.3	79.3	95.1	23.7	
11	17.4	15.5	58.6	14.8	75.6	32.2	73.7	73.3	52.3	45.1	82.4	30.3	
12	43.2	14.2	56.8	17.2	64.6	31.5	50.5	148.2	42.8	56.1	86.2	19.1	
13	55.1	17.5	52.2	27.2	77.6	38.7	110.5	29.2	25.6	40.9	43.5	20.6	
14	48.8	16.0	33.8	57.9	AN	41.2	57.7	39.2	71.4	65.9	21.7	31.9	
15	53.4	15.5	34.7	72.9	66.2	48.9	53.1	37.5	56.6	68.2	15.5	30.7	
16	55.5	21.8	58.5	40.7	48.7	44.6	82.8	39.1	63.4	59.8	54.9	28.1	
17	44.0	13.4	63.1	32.3	63.9	49.0	160.7	AN	66.4	49.1	65.7	49.4	
18	22.0	16.4	54.7	28.2	92.3	47.1	57.0	AN	61.3	39.4	95.4	52.8	
19	40.8	23.2	68.5	24.6	65.3	50.8	65.6	72.6	97.0	59.0	82.1	32.0	
20	68.4	30.6	74.4	60.3	30.2	20.3	59.2	95.6	50.1	47.5	84.1	36.7	
21	87.7	25.8	54.5	60.3	23.7	34.0	54.1	137.8	86.6	75.7	62.4	65.6	
22	13.8	39.8	111.1	58.7	15.8	55.9	158.3	19.6	60.6	67.1	64.2	90.2	
23	14.5	70.0	85.7	48.1	19.1	69.7	59.6	17.2	66.1	75.6	78.5	50.5	
24	11.2	44.6	60.5	51.0	22.9	56.3	39.6	33.2	60.6	74.8	63.8	19.6	
25	9.4	29.8	59.1	41.4	30.0	59.8	49.9	44.9	78.8	42.3	65.8	11.9	
26	25.4	44.4	134.8	36.0	31.9	49.9	31.8	42.5	55.5	90.2	47.5	13.9	
27	24.6	43.4	36.6	60.8	42.8	43.3	44.5	51.6	49.8	220.4	66.7	15.3	
28	30.0	35.1	46.5	76.6	43.6	47.7	48.5	76.9	73.6	34.4	96.9	24.7	
29	31.3		38.0	56.7	44.5	57.4	90.1	43.9	79.2	62.1	41.9	31.7	
30	42.6		55.3	78.5	40.9	76.2	69.2	54.8	65.9	72.6	21.3	29.8	
31	31.2		70.8		42.8		49.4	79.5		59.4		20.5	
1st quarter average	40.80		2nd quarter average			50.50		3rd quarter average		60.30		4th quarter average	57.40
# of valid samples	90		# of valid samples			90		# of valid samples		87		# of valid samples	92
% of samples collected	100.00%		% of samples collected			98.90%		% of samples collected		94.57%		% of samples collected	100.00%
# of 24 hr exceedances	0		# of 24 hr exceedances			0		# of 24 hr exceedances		3		# of 24 hr exceedances	1

COMBS PM₁₀ 2009 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 exceedences	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

Annual Average (ug/m³)	52.30
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Total # of 24 hr Exceedances	4
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Maximum Reading	220.39
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