

STANFIELD PM₁₀ 2015 TEOM Data

24 Hour Averages (ug/m³)

	Approved Data					Preliminary Data								
	January	February	March	April	May	June	July	August	September	October	November	December		
1	AV	6.4	25.7	55.0	116.7	57.1	31.2	20.6	42.5	77.4	16.1	70.0		
2	AV	12.9	11.9	61.9	59.8	72.1	33.4	30.1	51.8	63.2	22.0	74.2		
3	7.8	17.3	6.8	114.1	30.1	91.1	68.5	43.3	67.6	63.5	69.8	89.0		
4	10.7	17.7	10.6	67.8	18.1	AN	37.0	57.3	15.1	116.1	15.3	98.5		
5	22.1	21.2	21.5	38.5	14.3	AN	58.2	61.5	12.5	42.9	15.5	92.2		
6	25.8	25.0	23.0	55.6	26.0	19.8	22.6	64.1	22.8	27.4	25.9	68.4		
7	34.4	23.3	40.7	43.8	28.3	42.6	49.3	39.4	34.1	12.4	40.7	81.1		
8	33.6	23.6	29.0	40.3	36.6	74.6	76.9	18.7	60.7	16.0	34.1	92.1		
9	30.0	29.9	39.6	56.9	28.8	21.8	106.8	33.6	43.4	33.5	35.7	93.3		
10	24.8	27.6	40.2	69.9	27.0	30.3	47.0	27.7	23.8	44.1	67.3	99.8		
11	18.8	33.8	47.4	62.2	52.3	37.6	53.4	119.6	32.6	30.4	75.0	88.6		
12	13.5	28.2	46.9	34.5	40.7	36.0	89.5	31.9	42.3	41.4	62.3	20.9		
13	10.5	39.4	37.7	53.3	34.6	62.6	61.4	43.6	48.1	49.7	65.3	16.3		
14	12.6	43.8	47.1	50.9	72.5	52.9	38.5	113.5	28.4	62.0	47.5	29.5		
15	19.7	17.7	58.3	91.1	36.6	54.7	35.7	53.3	22.0	65.0	18.1	41.3		
16	30.6	12.7	70.7	46.6	8.2	84.9	50.8	76.7	28.6	46.4	65.2	37.7		
17	30.7	24.1	65.0	39.1	15.9	94.5	34.3	39.5	35.4	16.0	53.1	41.7		
18	29.0	45.5	36.4	34.0	18.9	74.8	31.7	36.4	41.5	15.8	42.2	56.3		
19	42.3	52.9	9.1	68.2	29.8	86.3	28.5	40.4	51.0	15.6	45.6	57.4		
20	50.9	56.5	17.8	52.8	28.2	118.1	28.4	102.5	46.9	40.4	58.5	22.3		
21	33.4	28.1	19.4	40.0	45.2	82.4	36.9	51.0	84.9	13.1	64.1	42.8		
22	48.5	30.0	29.8	65.9	29.7	66.1	21.2	58.7	12.5	26.0	44.9	49.9		
23	36.0	31.0	46.3	42.0	46.0	109.3	51.4	87.7	36.3	29.7	80.2	36.8		
24	46.9	20.7	47.2	26.7	31.0	96.2	41.8	103.7	50.1	28.9	74.5	22.7		
25	48.6	28.4	43.1	50.1	44.3	78.7	58.0	28.1	133.0	30.9	82.8	21.8		
26	68.5	30.2	61.2	17.9	33.6	71.0	32.4	42.4	43.5	60.5	63.4	78.8		
27	14.2	33.3	64.1	33.8	64.0	244.0	36.4	70.8	57.3	51.2	64.0	29.2		
28	12.3	41.0	64.7	63.7	53.2	66.3	87.7	44.6	54.0	60.9	63.6	51.6		
29	13.4		55.6	75.0	71.1	50.3	92.4	118.9	53.1	21.3	41.7	45.7		
30	4.4		66.3	94.0	78.5	54.9	47.3	47.7	102.6	10.9	79.8	42.9		
31	4.4		55.2		39.3		125.9	134.4		12.4		41.5		
1st quarter average		32.0			2nd quarter average		55.5		3rd quarter average		52.6		4th quarter average	48.8
# of valid samples		88			# of valid samples		89		# of valid samples		92		# of valid samples	92
% of samples collected		97.78%			% of samples collected		97.80%		% of samples collected		100.00%		% of samples collected	100.00%
# of 24 hr exceedances		0			# of 24 hr exceedances		1		# of 24 hr exceedances		0		# of 24 hr exceedances	0

STANFIELD PM₁₀ 2015 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 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
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/m ³) minus high wind events	47.2
---	------

Total # of 24 hr Exceedances	1
---------------------------------	---

Maximum Reading	244.0
-----------------	-------