

STANFIELD PM₁₀ 2016 TEOM Data

24 Hour Averages (ug/m³)

	Approved Data						Preliminary Data							
	January	February	March	April	May	June	July	August	September	October	November	December		
1	36.1	41.9	65.9	43.2	69.4	90.6	AH	37.0	147.7	38.8	63.0	39.9		
2	31	9.7	62.7	82.7	56.2	87.9	AH	25.3	83.4	22.8	66.4	38.0		
3	19.4	22.1	74.3	75.5	75.3	207.4	AH	26.2	73.5	44.3	32.9	34.4		
4	27.4	24.5	90.8	115.9	74.5	169.5	AH	33.1	58.2	63.2	14.4	25.4		
5	5.4	AE	63.2	59.2	79.7	91.6	39.5	35.1	54.7	53.9	24.3	65.1		
6	5.0	34.6	65.6	117.9	40.9	77.6	85.5	73.4	68.2	63.4	21.7	64.8		
7	5.3	42.3	108.1	171.7	18.2	75.7	83.4	44.0	18.6	76.9	32.6	42.4		
8	5.7	67.0	39.4	10.2	19.8	80.2	92.3	83.6	18.3	56.4	32.4	56.4		
9	8.1	65.0	71.4	9.5	30.4	79.1	AH	93.1	50.1	74.6	59.4	72.7		
10	7.9	60.6	61.5	27.9	53.5	78.9	AH	24.0	58.7	123.8	96.7	67.5		
11	10.6	62.4	97.7	12.6	45.1	75.5	AH	13.5	44.7	77.9	63.4	61.0		
12	AN	55.2	112.8	17.3	84.4	59.9	AH	33.2	46.6	77.0	39.7	59.5		
13	AN	67.3	45.4	21.5	87.5	45.3	85.8	122.1	99.4	56.1	36.1	64.2		
14	15.8	43.9	57.7	21.3	32.7	69.1	103.0	33.9	43.8	88.5	58.7	68.0		
15	25.9	52.3	67.3	120.0	40.0	72.3	73.8	38.2	78.3	97.4	75.1	82.1		
16	27.6	47.7	81.4	28.2	30.3	77.0	210.3	268.9	86.4	81.0	70.0	34.0		
17	15.8	45.4	69.1	36.3	81.4	80.5	56.5	90.9	105.1	64.6	116.5	266.3		
18	32.5	55.6	65.3	39.3	37.5	171.4	83.4	101.6	60.1	76.3	89.2	47.6		
19	32.2	74.1	83.0	38.5	45.0	142.1	72.9	209.7	107.5	115.4	61.4	51.8		
20	28.9	68.1	52.2	56.3	70.7	89.2	27.0	72.7	53.7	102.6	59.7	58		
21	33.6	41.6	71.9	63.4	71.1	73.4	59.8	50.8	46.8	82.2	31.3	28.1		
22	38.6	89.8	104.2	46.1	42.5	61.4	52.0	38.1	32.1	86.2	44.2	7.3		
23	29.0	49.8	99.4	70.6	40.7	211.2	165.3	49.1	111.1	64.5	58.1	7.3		
24	16.6	106.4	88.7	34.5	71.8	62.3	64.9	107.4	77.7	75.2	55.3	75.5		
25	36.2	82.3	51.3	108.8	59.3	58.9	45.7	89.3	89.3	58.2	AH	7.2		
26	37.7	82.2	63.3	103.2	74.8	79.1	93.6	42.7	285.6	61.7	AH	12.9		
27	40.2	80.8	56.8	42.1	70.7	87.2	132.3	63.0	88.6	90.0	AH	17		
28	44.6	51.8	135.0	75.8	49.4	77.8	53.8	131.9	16.9	65.2	AH	20.2		
29	53.7	75.5	65.4	39.3	69.4	93.0	657.6	118.5	30.3	65.6	19.6	21.3		
30	31.3		34.7	99.2	110.0	243.4	25.1	81.7	24.0	50.8	27.8	14.9		
31	236.1		38.9		64.3		21.2	44.3		65.7		9.2		
1st quarter average			54.1	2nd quarter average			72.0	3rd quarter average			81.2	4th quarter average		57.8
# of valid samples			87	# of valid samples			91	# of valid samples			84	# of valid samples		88
% of samples collected			96.67%	% of samples collected			100.00%	% of samples collected			91.30%	% of samples collected		95.65%
# of 24 hr exceedances			1	# of 24 hr exceedances			6	# of 24 hr exceedances			6	# of 24 hr exceedances		1

STANFIELD PM₁₀ 2016 TEOM Data Reference Page

Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 154.9 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 machine malfunction shelter temperature out of range	AH AN AE
General maintenance	monitor is down for general maintenance activities or filter exchanges for more than 1 hour Building/Site repair	BA BA BE
Negative data readings	data readings > - 10.4 ug/m ³ or Operator Error for more than 6 hours	AN BJ
Power failures/Vandalism	power outage for more than 6 hours Vandalism	AV AP
CAL / VER / AUDIT	monitor is down to perform monthly verification or annual system calibrations or QC Audit (ADEQ) for more than 1 hour	AT AT AZ

Annual Average (ug/m ³) minus high wind events	66.3
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Total # of 24 hr Exceedances	14
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Maximum Reading	657.6
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