

STANFIELD PM₁₀ 2020 TEOM Data

24 Hour Averages (ug/m³)

	Approved Data						Preliminary Data							
	January	February	March	April	May	June	July	August	September	October	November	December		
1	15	29	23	34	44	89	51	56	33	130	59	122		
2	14	16	32	28	31	113	102	57	27	104	51	79		
3	17	87	16	44	84	66	29	55	54	85	111	87		
4	17	23	20	31	56	51	29	33	65	75	87	83		
5	12	34	29	25	79	116	72	105	61	119	84	71		
6	19	37	33	27	78	42	71	65	45	84	88	70		
7	31	37	27	29	64	50	54	90	41	98	205	66		
8	25	38	33	69	53	69	61	88	98	63	40	81		
9	24	35	26	23	56	79	93	73	92	58	20	121		
10	17	25	21	33	73	115	83	94	103	90	54	9		
11	29	8	6	9	30	84	105	158	133	69	45	13		
12	17	20	5	9	37	54	65	55	82	79	66	12		
13	28	27	5	18	81	88	55	97	79	110	60	12		
14	48	32	8	30	39	50	60	68	60	88	54	13		
15	48	31	11	48	59	35	52	59	58	81	71	21		
16	31	25	16	29	39	72	87	75	72	134	90	25		
17	13	39	17	39	39	29	51	110	61	99	80	45		
18	23	44	17	24	41	33	87	63	98	73	85	32		
19	28	57	8	31	70	84	78	71	82	102	71	26		
20	46	60	11	32	55	77	78	45	94	107	116	29		
21	7	65	11	43	64	98	110	AV	63	141	78	52		
22	7	9	14	44	41	107	60	44	73	92	164	47		
23	12	9	21	65	59	89	83	40	84	62	51	44		
24	18	10	19	52	76	89	64	75	90	85	39	41		
25	14	18	21	55	60	105	48	57	89	88	51	18		
26	15	21	21	53	60	68	51	54	65	181	34	28		
27	15	30	30	55	90	58	48	70	51	38	65	26		
28	24	43	26	75	73	73	33	53	91	53	109	35		
29	29	25	24	54	59	76	82	71	AN	88	86	14		
30	24		46	72	82	40	88	22	AN	115	128	21		
31	27		42		95		71	23		92		32		
1st quarter average			24.9	2nd quarter average			57.6	3rd quarter average			69.3	4th quarter average		71.7
# of valid samples			90	# of valid samples			91	# of valid samples			89	# of valid samples		92
% of samples collected			100.00%	% of samples collected			100.00%	% of samples collected			96.74%	% of samples collected		100.00%
# of 24 hr exceedances			0	# of 24 hr exceedances			0	# of 24 hr exceedances			1	# of 24 hr exceedances		3

STANFIELD PM₁₀ 2020 TEOM Data Reference Page

Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 155.5 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 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/m³) minus high wind events	55.9
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Total # of 24 hr Exceedances	4
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Maximum Reading	205
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