

PM 2.5 MONITORING ANNUAL SUMMARY*

SPRINGFIELD CITY HALL - 2020

24 HOUR AVERAGE CONCENTRATION, $\mu\text{g}/\text{m}^3$, LTP

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2						4.6	5.8				9.1	11.3
3		5.0		1.8	2.8				5.3			
4	3.2		4.3					2.3		24.2		
5							5.8					
6												
7												
8						2.9					4.8	15.2
9		4.8		9.8	6.6					14.4		
10	4.2							4.5				
11							3.1					
12												
13									392.2			
14						2.1					10.6	6.4
15		2.3		2.8	2.9				589.3	2.5		
16	3.9		4.0					6.5				
17							6.1					
18												
19												
20						2.4					4.5	4.5
21		11.5		3.5	1.6					5.3		
22	2.8		7.2					4.2				
23							6.3					
24												
25												
26						5.7					7.1	4.2
27		9.9		1.7					4.7	4.0		
28	2.0		4.6		7.8			5.7				
29							7.5					
30												
31												

MONTH												
NCAP	5	5	4	5	5	5	6	5	4	5	5	5
%CAP	100.0%	100.0%	80.0%	100.0%	100.0%	100.0%	120.0%	83.3%	80.0%	100.0%	100.0%	100.0%
MEAN	3.2	6.7	5.0	3.9	4.3	3.5	5.7	4.6	247.8	10.0	7.2	8.3
MAX	4.2	11.5	7.2	9.8	7.8	5.7	7.5	6.5	589.3	24.2	10.6	15.2

QUARTER	Q1			Q2			Q3			Q4		
NCAP	14			15			15			15		
%CAP	93.3%			100.0%			93.8%			100.0%		
MEAN	5.0			3.9			70.0			8.5		

ANNUAL						Site Statistics					
NCAP	59	HIGH	589.3	6th		Year	2016	2017	2018	2019	2020
%NCAP	96.7%	2nd	392.2	7th	11.3	Annual Mean	4.7	12.1	6.1	6.6	21.9
YMEAN	22.1	3rd	24.2	8th	10.6	Annual High	10.4	286.8	18.2	21.0	589.3
QYMEAN	21.9	4th	15.2	9th	9.9	Annual 98 %-ile	9.4	41.9	18.1	19.7	392.2
98 %-ile	392.2	5th	14.4	10th	9.8	3 Year 98 %-ile	12	22	23	27	143

*Includes Wildfire Data - LRAPA will apply to exclude wildfire data that causes violation of NAAQS