

PM 2.5 MONITORING ANNUAL SUMMARY*

SPRINGFIELD CITY HALL - 2017

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	1.5			5.8	5.1							
2			4.5									
3		6.0									6.9	3.5
4									286.8	6.9		
5								8.4				
6						6.7	6.6					
7	17.7			1.5	3.3							
8			2.1									
9											6.5	
10									2.6	4.6		
11								9.7				
12		8.1				2.9	4.6					27.9
13	14.6			1.6	1.2							
14			4.4									
15											3.5	20.5
16									41.4	15.2		
17								4.7				
18		2.6				3.9	5.3					
19					4.9							
20	2.5		6.8									
21											5.2	6.2
22									4.1	2.5		
23								3.5				
24		2.6				8.1	5.9					
25	5.2			1.5	5.6							
26			2.4									
27											4.1	4.7
28									8.5			
29								41.9				
30						5.4	3.7					
31	17.9				2.8							

MONTH												
NCAP	6	4	5	4	6	5	5	5	5	4	5	5
%CAP	100.0%	100.0%	100.0%	80.0%	100.0%	100.0%	100.0%	100.0%	100.0%	80.0%	100.0%	100.0%
MEAN	9.9	4.8	4.0	2.6	3.8	5.4	5.2	13.6	68.7	7.3	5.2	12.6
MAX	17.9	8.1	6.8	5.8	5.6	8.1	6.6	41.9	286.8	15.2	6.9	27.9

QUARTER	Q1	Q2	Q3	Q4
NCAP	15	15	15	14
%CAP	100.0%	93.8%	100.0%	93.3%
MEAN	6.6	4.0	29.2	8.4

ANNUAL	Site Statistics										
NCAP	59	HIGH	286.8	6th	17.7	Year	2013	2014	2015	2016	2017
%NCAP	96.7%	2nd	41.9	7th	15.2	Annual Mean	6.3	6.4	6.3	4.7	12.1
YMEAN	12.1	3rd	41.4	8th	14.6	Annual High	18.8	35.6	54.0	10.4	286.8
QYMEAN	12.1	4th	27.9	9th	9.7	Annual 98 %-ile	17	14	13	9	41
98 %-ile	41.4	5th	20.5	10th	8.5	3 Year 98 %-ile	16	15	15	12	21

*Includes Wildfire Data - If data causes violation of NAAQS, LRAPA will apply for exception to exclude data