

PM 2.5 MONITORING ANNUAL SUMMARY

COTTAGE GROVE CITY SHOPS - 2018

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		10.5				2.8	2.2				7.0	8.9
2	15.2			5.7	6.3				4.9	5.1		
3			7.8					2.2				
4		4.5				3.9	9.1				7.5	13.2
5	11.7			6.9	9.6				11.4	3.8		
6			10.5					4.8				
7		8.7				3.3					16.9	25.5
8	8.9			3.6	3.6				1.5	2.3		
9			5.3					10.5				
10		16.7				2.0					20.5	13.4
11	7.2			3.0	3.2				3.3	6.7		
12			9.2				6.5	3.6				
13		19.4				2.3	7.8				23.7	21.0
14	12.0			9.0	4.0		5.7		3.7	5.5		
15			4.4				6.6	16.0				
16		4.1				4.0	8.5				8.9	11.9
17	4.5			2.8	3.4				3.3	13.8		
18			3.6					8.3				
19		11.4				7.2	3.8				23.2	11.0
20	6.2			4.0	4.7				3.3	15.5		
21			6.2					43.5				
22		6.5				3.2	6.0				3.8	16.5
23	7.7			7.3	3.7				4.3	8.7		
24			4.6					4.8				
25		3.5				1.8	7.0				12.4	7.7
26	6.0			6.0	4.3				7.2	5.3		
27			4.9					3.4				
28		4.7				3.8	3.5				21.7	9.4
29	6.8			3.2	4.3				7.2	4.8		
30			9.1					1.7				
31							5.7					8.9

MONTH												
NCAP	10	10	10	10	10	10	12	10	10	10	10	11
%CAP	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	109.1%	100.0%	100.0%	100.0%	100.0%	100.0%
MEAN	8.6	9.0	6.6	5.2	4.7	3.4	6.0	9.9	5.0	7.2	14.6	13.4
MAX	15.2	19.4	10.5	9.0	9.6	7.2	9.1	43.5	11.4	15.5	23.7	25.5

QUARTER	Q1			Q2			Q3			Q4		
NCAP	30			30			32			31		
%CAP	100.0%			100.0%			103.2%			100.0%		
MEAN	8.0			4.4			6.9			11.7		

ANNUAL	Site Statistics										
NCAP	123	HIGH	43.5	6th	21.0	Year	2014	2015	2016	2017	2018
%NCAP	100.0%	2nd	25.5	7th	20.5	Annual Mean	6.9	7.3	5.8	8.8	7.8
YMEAN	7.8	3rd	23.7	8th	19.4	Annual High	34.0	39.6	26.2	116.0	43.5
QYMEAN	7.8	4th	23.2	9th	16.9	Annual 98 %-ile	21.3	20.1	18.3	37.7	23.7
98 %-ile	23.7	5th	21.7	10th	16.7	3 Year 98 %-ile	21	22	20	25	27