

PM 2.5 MONITORING ANNUAL SUMMARY

OAKRIDGE - 2015

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			21.3					6.5				
2						1.4	7.5				4.2	14.7
3	19.0	7.5		7.1	6.1				1.9	5.8		
4			26.9					5.4				
5		5.5				4.7	7.0				12.0	14.7
6	19.5			3.8	2.5				2.0	8.8		
7			21.5					3.7				
8		11.8				7.5	5.8				4.2	9.0
9	18.6			6.0	6.6				3.8	7.0		
10			21.4					5.5				
11		13.5				5.3	2.9				11.3	3.9
12	9.0			4.5	1.5				9.5	4.9		
13			6.1					25.9				
14						5.9	3.3				20.1	18.1
15	14.9	15.7		5.3	3.0				4.5	4.6		
16			2.2					5.7				
17		34.2				5.7	3.9				8.0	5.8
18	8.7			8.5	3.8				1.8	4.5		
19			8.3					16.9				
20		14.5				3.3	5.3				13.6	4.8
21	13.6			6.6	3.3				2.9	4.7		
22			5.9					11.1				
23		28.9				4.3	4.3				8.9	7.6
24				2.8	4.7				4.7	14.5		
25	23.0		5.3					21.4				
26		7.8				7.6	2.1				11.7	7.1
27	13.7			2.6	4.8				4.3	18.2		
28			3.3					7.5				
29						8.3	3.6				39.3	4.5
30	14.8			5.8	7.7				8.0	9.5		
31			2.8					2.6				

MONTH												
NCAP	10	9	11	10	10	10	10	11	10	10	10	10
%CAP	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
MEAN	15.4	15.4	11.3	5.3	4.3	5.4	4.5	10.1	4.3	8.2	13.3	9.0
MAX	23.0	34.1	26.8	8.5	7.6	8.3	7.5	25.8	9.4	18.2	39.3	18.0

QUARTER	Q1			Q2			Q3			Q4		
NCAP	30			30			31			30		
%CAP	100.0%			100.0%			100.0%			100.0%		
MEAN	13.9			5.0			6.4			10.1		

ANNUAL	Site Statistics										
NCAP	121	HIGH	39.3	6th	23.0	Year	2011	2012	2013	2014	2015
%NCAP	100.0%	2nd	34.2	7th	21.5	Annual Mean	10.0	7.6	9.8	10.0	8.9
YMEAN	8.9	3rd	28.9	8th	21.4	Annual High	47.9	49.9	54.9	46.1	39.3
QYMEAN	8.9	4th	26.9	9th	21.4	Annual 98 %-ile	42.0	38.4	41.0	41.1	28.9
98 %-ile	28.9	5th	25.9	10th	21.3	3 Year 98 %-ile	39	38	40	40	37