

PM 2.5 MONITORING ANNUAL SUMMARY

OAKRIDGE - 2013

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	17.8			2.0	9.6				3.5	4.0		
2			4.3					3.2				
3		3.9				4.2	4.9				3.5	11.7
4	22.9			3.5	5.1				4.4	7.5		
5			20.0					7.7				
6		7.6				5.1	5.1				6.4	20.5
7	12.5			2.0	4.5				2.9	7.2		
8			13.6					4.0				
9		17.0				4.3	6.9				9.0	54.9
10	16.5			6.7	8.1				4.5	12.1		
11			8.3									
12		9.5				2.8	4.3				14.7	20.8
13	23.1			4.1	3.1			5.2	13.7	10.3		
14			7.0					6.5				
15		8.4				3.9	5.2				8.0	23.8
16	12.7			2.9	2.4				1.5	24.3		
17			4.7					3.0				
18		20.2				1.1	5.9				3.1	12.9
19	41.0			4.0	2.8				4.1	19.7		
20			2.9					5.2				
21		5.5				2.3	5.3					
22	40.7			3.1	1.8				1.3	13.4		
23			8.5					6.3				
24		7.8				0.8	5.5				30.8	15.1
25	12.0			6.8	2.1				1.4	10.3		
26			6.0					3.0				
27		8.6				2.2	5.5				35.9	28.9
28	26.8			4.2	1.8				1.5	14.6		
29			3.0					2.7				
30						4.5	5.5				24.3	48.4
31	4.8				3.8					14.0		

MONTH												
NCAP	11	9	10	10	11	10	10	10	10	11	9	9
%CAP	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	90.0%	90.0%
MEAN	21.0	9.8	7.8	3.9	4.1	3.1	5.4	4.7	3.9	12.5	15.1	26.3
MAX	41.0	20.2	20.0	6.8	9.6	5.1	6.9	7.7	13.7	24.3	35.9	54.9

QUARTER	Q1			Q2			Q3			Q4		
NCAP	30			31			30			29		
%CAP	100.0%			100.0%			100.0%			93.5%		
MEAN	13.2			3.7			4.6			17.5		

ANNUAL	Site Statistics										
NCAP	120	HIGH	54.9	6th	30.8	Year	2009	2010	2011	2012	2013
%NCAP	98.4%	2nd	48.4	7th	28.9	Annual Mean	11.0	8.9	10.0	7.6	9.8
YMEAN	9.69	3rd	41.0	8th	26.8	Annual High	44.1	43.1	47.9	49.9	54.9
QYMEAN	9.8	4th	40.7	9th	24.3	Annual 98 %-ile	41.3	33.0	42.0	38.4	41.0
98 %-ile	41	5th	35.9	10th	24.3	3 Year 98 %-ile	41	38	39	38	40