

PM 2.5 MONITORING ANNUAL SUMMARY

HIGHWAY 99 - 2016

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	17.3		4.1					5.0				
2						3.0	3.0				7.0	4.6
3		2.1		8.5	6.9					1.8		
4	18.0		5.2					6.9				
5						9.2	4.7				6.9	4.5
6		8.3		12.9	6.6					3.5		
7	11.3		3.1					2.8				
8						2.7	1.3				13.0	11.5
9		15.5		4.4	4.9					2.4		
10	9.6		3.4					3.6	5.9			
11						2.6	3.6				13.8	1.8
12				3.8	6.1				5.3	14.0		
13	2.6	3.6	1.3					8.9				
14						2.3	4.1				4.3	
15		2.0		4.6	1.9				9.8	2.4		
16	2.4		3.1					9.0				
17						5.1	3.7				5.3	
18		1.7		9.0	6.3				1.4	10.5		
19	2.6		8.5					12.1				
20						4.0	3.9				2.1	9.2
21		6.1		5.4	2.5				5.3	7.5		
22	3.5		2.4					5.6				
23						1.8	3.3				3.0	6.3
24		15.1		2.8	3.3				4.9	10.3		
25	2.3		4.6					9.0				
26						5.2	4.4				4.6	5.9
27		3.1		4.4	3.8				4.4	3.8		
28	2.9		4.1					2.3				
29						4.6	7.2				6.1	14.6
30				6.1	5.0				7.5	5.2		
31	5.0		7.0					3.6				

MONTH												
NCAP	11	9	11	10	10	10	10	11	8	10	10	8
%CAP	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	80.0%	100.0%	100.0%	80.0%
MEAN	7.0	6.4	4.3	6.2	4.7	4.1	3.9	6.3	5.6	6.1	6.6	7.3
MAX	18.0	15.5	8.5	12.9	6.9	9.2	7.2	12.1	9.8	14.0	13.8	14.6

QUARTER	Q1			Q2			Q3			Q4		
NCAP	31			30			29			28		
%CAP	100.0%			96.8%			93.5%			93.3%		
MEAN	5.9			5.0			5.3			6.6		

ANNUAL	Site Statistics										
NCAP	118	HIGH	18.0	6th	14.0	Year	2012	2013	2014	2015	2016
%NCAP	96.7%	2nd	17.3	7th	13.8	Annual Mean	8.3	8.2	6.3	6.8	5.7
YMEAN	5.7	3rd	15.5	8th	13.0	Annual High	32.4	47.9	22.9	26.7	18.0
QYMEAN	5.7	4th	15.1	9th	12.9	Annual 98 %-ile	21	40	31	26	16
98 %-ile	15.5	5th	14.6	10th	12.1	3 Year 98 %-ile	21	28	31	32	24