

PM 2.5 MONITORING ANNUAL SUMMARY

AMAZON PARK - 2011

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			2.6					3.5				
2		24.6				2.3	6.3				12.7	21.2
3				5.8	5.4				11.7	2.4		
4			2.3					3.6				
5		2.8				5.8	10.6				11.5	21.2
6	15.9			3.0	2.8				10.5	3.9		
7			3.4					5.1				
8		10.5				6.2	4.3				7.4	9.6
9	19.5			6.8	2.2				11.8	4.3		
10			4.4					4.4				
11		16.5				6.8	1.8				10.4	14.4
12	5.2			4.5	3.5				5.9	6.7		
13			1.5					5.4				
14		3.0				2.5	2.5				7.9	12.8
15	1.8			2.3	3.5				3.9	15.7		
16			1.8					6.5				
17		6.3				5.0	1.9				16.0	7.5
18	2.4			5.3	4.3				3.1	14.9		
19			7.1					5.9				
20		4.1				2.3	3.5					4.2
21	9.6			3.5	3.5				8.5	5.3		
22			6.2					1.9				
23		2.8				2.2	6.4				2.5	11.2
24	10.1			3.5	3.2				4.5	7.7		
25			1.3					5.7				
26		9.8				5.2	2.4				6.5	8.6
27	16.4			3.1	2.3				3.8	19.3		
28			1.8					6.4				
29						1.3	6.5				8.0	1.2
30	15.5			6.2	2.5				5.3	3.0		
31			1.8					5.0				

MONTH												
NCAP	9	9	11	10	10	10	10	11	10	10	9	10
%CAP	90.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	90.0%	100.0%
MEAN	10.7	8.9	3.1	4.4	3.3	3.9	4.6	4.9	6.9	8.3	9.2	11.2
MAX	19.5	24.6	7.1	6.8	5.4	6.8	10.6	6.5	11.8	19.3	16.0	21.2

QUARTER	Q1			Q2			Q3			Q4		
NCAP	29			30			31			29		
%CAP	96.7%			100.0%			100.0%			96.7%		
MEAN	7.27			3.89			5.44			9.59		

ANNUAL	Site Statistics										
NCAP	119	HIGH	24.6	6th	16.5	Year	2007	2008	2009	2010	2011
%NCAP	98.3%	2nd	21.2	7th	16.4	Annual Mean	7.3	7.8	8.5	5.7	6.5
YMEAN	6.5	3rd	21.2	8th	16.0	Annual High	43.0	40.0	59.9	21.0	24.6
QYMEAN	6.5	4th	19.5	9th	15.9	Annual 98 %-ile	36	29	36	16	21
98 %-ile	21.2	5th	19.3	10th	15.7	3 Year 98 %-ile	35	32	34	27	24