

PM 2.5 MONITORING ANNUAL SUMMARY

AMAZON PARK - 2012

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	27.7		2.6					5.3				
2						2.0	3.8				7.4	1.8
3		19.3		3.0	1.6				5.9	9.7		
4	2.6		12.9					9.5				
5						2.5	14.6				6.9	6.3
6		25.4		3.3	7.5				9.8	12.2		
7	9.7		10.8					2.8				
8						2.7	8.5				7.6	8.6
9		8.5		6.5	4.9				3.6	9.6		
10	9.4		4.0					5.6				
11						4.1	11.5				4.4	2.3
12		5.4		1.4	9.6				9.7	3.0		
13	31.6		1.8					11.1				
14						4.3	5.6				6.3	5.6
15		10.2		3.7	9.4				8.8	1.2		
16			1.9					9.1				
17						1.6	3.7				4.3	4.2
18		5.0		3.0	6.6				13.4	19.2		
19	0.5		1.5					3.0				
20						4.8	2.3				1.8	1.3
21		0.5		8.0	2.7				3.8	3.8		
22	1.7		5.0					5.0				
23						1.3	3.6				3.8	3.0
24		3.1		1.8	2.2				7.5	2.8		
25	8.3		4.4					6.8				
26						1.7	4.3				20.5	2.5
27		10.5		1.8	4.0				13.1	8.3		
28	14.9		1.8					3.8				
29						3.8	4.1				3.2	16.9
30				1.4	5.0				6.5	11.3		
31	4.2		1.5					5.6				

MONTH												
NCAP	10	9	11	10	10	10	10	11	10	10	10	10
%CAP	90.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
MEAN	11.1	9.8	4.4	3.4	5.3	2.9	6.2	6.2	8.2	8.1	6.6	5.2
MAX	31.6	25.4	12.9	8.0	9.6	4.8	14.6	11.1	13.4	19.2	20.5	16.9

QUARTER	Q1			Q2			Q3			Q4		
NCAP	30			30			31			30		
%CAP	96.8%			96.8%			100.0%			100.0%		
MEAN	8.22			3.86			6.83			6.66		

ANNUAL						Site Statistics					
NCAP	121	HIGH	31.6	6th	19.2	Year	2008	2009	2010	2011	2012
%NCAP	99.2%	2nd	27.7	7th	16.9	Annual Mean	7.8	8.5	5.7	6.5	6.4
YMEAN	6.4	3rd	25.4	8th	14.9	Annual High	40.0	59.9	21.0	24.6	31.6
QYMEAN	6.4	4th	20.5	9th	14.6	Annual 98 %-ile	29	36	16	21	25
98 %-ile	25.4	5th	19.3	10th	13.4	3 Year 98 %-ile	32	34	27	24	21