

PM 2.5 MONITORING ANNUAL SUMMARY

AMAZON PARK - 2010

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	2.3	3.4	6.0	4.5	1.6	2.1	2.5	4.2	1.8	6.4	2.3	3.1
2	5.6	7.7	4.0	2.9	1.5	1.1	2.3	5.4	6.3	7.6	6.6	7.1
3	16.0	5.0	4.0	2.8	2.1	3.1	5.2	4.1	6.2	5.8	9.3	7.7
4	9.5	3.8	3.5	2.5	3.3	2.3	6.3	6.0	3.6	5.6	16.5	9.8
5	3.0	3.2	8.2	1.3	3.0	4.0	5.3	9.4	3.7	7.5	14.8	12.0
6	4.5	9.5	14.6	4.3	4.3	1.8	5.0	10.4	4.3	9.1	7.4	15.0
7	11.4		5.9	4.6	5.3	1.5	6.5	3.3	2.0	7.0	5.3	19.9
8			5.7	4.4	4.1	3.7	7.0	2.1	3.1	5.6	6.7	3.8
9		15.0	3.5	5.0	5.5	1.5	8.6	3.8	3.9	4.0	7.9	2.5
10		16.0	4.3	6.1	2.7	2.5	5.2	4.8	4.6	4.2	8.7	7.0
11		1.2	2.4	4.8	3.4	3.4	2.8	4.6	6.2	6.3	7.2	2.0
12		2.9	1.3	1.7	6.5	5.7	3.5	7.0	5.4	10.6	13.6	2.3
13	2.8	5.3	5.0	3.9	12.4	5.2	4.6	8.1	6.2	12.5	5.8	1.3
14	4.0	5.7	6.0	5.9	7.5	5.8	6.8	6.4	6.4	8.8	3.8	2.3
15	5.2	3.0	12.1	4.7	6.8	3.0	7.5	2.8	4.7	6.0	1.8	3.5
16	3.2	5.7	6.1	4.7	7.4	2.7	5.6	7.8	3.3	11.0	5.2	10.0
17	3.3	7.0	4.1	4.1	4.8	2.4	5.1	6.9	4.0	17.2	6.4	13.3
18	10.9	8.3	9.1	5.1	2.5	3.1	5.6	5.3	3.2	19.4	3.3	3.5
19	6.5	12.5	12.0	6.0	2.3	2.0	6.6	4.8	1.7	17.5	4.3	3.1
20	9.8	9.9	9.3	2.7	2.5	2.3	6.4	6.3	4.3	14.2	4.7	2.6
21	6.2	8.2	2.6	3.8	1.5	3.7	7.7	4.5	5.9	11.0	6.4	5.0
22	4.2	9.1	5.5	6.8	1.6	4.9	6.8	3.5	7.3	5.4	3.1	4.2
23	2.8	8.8	9.0	5.4	3.0	5.4	5.7	5.0	5.3	5.3	7.9	1.8
24	3.8	2.8	5.4	5.4	2.4	4.1	8.1	8.3	4.0	5.0	11.7	9.3
25	5.4	2.2	1.1	6.9	2.2	2.8	7.1	15.5	4.3	7.3	8.0	10.1
26	11.6	3.1	3.9	6.0	2.1	4.8	8.0	2.9	3.8	4.5	2.2	1.2
27	7.5	5.2	4.2	0.8	3.3	4.1	8.0	4.5	4.1	16.0	7.5	1.2
28	14.5	7.4	4.2	1.3	2.9	2.0	6.4	3.5	5.5	17.7		1.3
29	21.0		2.2	1.8	3.0	3.8	5.5	3.7	5.7	14.2		2.2
30	16.0		1.6	2.2	3.2	3.6	4.9	2.7	9.3	10.9	2.6	7.5
31	4.4		3.6		1.6		2.8	1.7		5.1		7.2

MONTH												
NCAP	26	26	31	30	31	30	31	31	30	31	28	31
%CAP	83.9%	92.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	103.3%	93.3%	96.9%
MEAN	7.5	6.6	5.5	4.1	3.7	3.3	5.8	5.5	4.7	9.3	6.8	5.9
MAX	21.0	16.0	14.6	6.9	12.4	5.8	8.6	15.5	9.3	19.4	16.5	19.9

QUARTER	Q1			Q2			Q3			Q4		
NCAP	83			91			92			90		
%CAP	92.2%			100.0%			100.0%			97.8%		
MEAN	6.48			3.70			5.31			7.35		

ANNUAL						Site Statistics					
NCAP	356	HIGH	21.0	6th	17.2	Year	2006	2007	2008	2009	2010
%NCAP	97.5%	2nd	19.9	7th	16.5	Annual Mean	8.4	7.3	7.8	8.5	5.7
YMEAN	5.7	3rd	19.4	8th	16.0	Annual High	43.3	43.0	40.0	59.9	21.0
QYMEAN	5.7	4th	17.7	9th	16.0	Annual 98 %-ile	32	36	29	36	16
98 %-ile	16.0	5th	17.5	10th	16.0	3 Year 98 %-ile	32	35	32	34	27