

PM 2.5 MONITORING ANNUAL SUMMARY

AMAZON PARK - 2008

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	24.8	1.8	5.5	11.3	4.5	1.7	9.1	3.0	4.1	8.3	9.0	7.5
2	14.3	2.0	10.8	4.1	6.8	5.0	7.3	4.1	5.5	4.9	3.5	8.1
3	3.7	5.4	5.2	10.5	6.7	2.4	3.2	5.6	6.2	2.7	8.8	5.5
4	1.1	4.2	9.9	3.5	7.2	1.7		8.4	5.8	2.9	4.5	16.6
5	4.9	4.3	15.3	1.5	7.7	1.6		8.7	5.8	2.1		32.6
6	1.8	3.0	9.8	1.7	5.8	1.3		7.3	5.0	2.1		20.7
7	1.8	5.4	4.2	1.7	5.1	1.4		5.0	4.7	4.0		23.8
8	1.4	6.5	4.9	2.7	6.1	3.0	8.1	4.0	5.8	8.3		14.3
9	2.7	3.8	8.3	2.3	5.3	2.4	8.4	2.5	9.0	4.7		22.5
10	1.6	7.3	5.4	4.7	4.5	4.0	4.8	2.7	9.3	13.4		26.7
11	3.6	11.2	5.0	12.6	1.8	4.6	7.1	5.0	8.8	19.7	4.0	17.3
12	7.1	6.3	6.9	8.1	3.5	5.8	8.1	4.4	6.8	10.9	1.9	5.5
13	7.6	5.9	2.3	7.3	4.5	5.7	7.0	6.2	5.2	5.0	8.4	2.8
14	5.7	15.0	0.7	4.5	4.3	4.8	6.3	8.7	8.2	6.5	18.3	5.3
15	13.8	19.6	1.9	5.3	6.5	6.5	8.2	8.3	12.5	8.9	21.6	8.5
16	17.2	20.6	3.7	5.0	8.7	6.5	5.4	9.9	12.8	6.8	23.4	32.7
17	21.8	25.3	2.5	6.7	6.1	4.3	6.5	6.5	12.4	10.6	23.0	16.8
18	19.4		3.3	5.0	8.7	4.5		1.5	9.8	9.1	14.9	3.5
19	5.7		7.4	4.6	7.6	4.3	5.9	4.0	15.2	19.2	17.5	5.0
20	4.6	8.3	2.8	2.4	2.5	5.2	8.2	2.4	6.1	8.8	10.4	2.6
21	4.5	17.8	6.5	2.9	1.5	4.0		3.1	4.8	11.9	6.5	2.3
22	28.7	10.8	11.3	2.4	2.2			6.1	4.2	14.8	10.2	7.0
23	35.1	12.4	4.3	2.0	3.7		6.4	7.8	6.8	11.2	10.9	22.4
24	40.0	13.4	6.6	4.8	3.6		6.3	4.0	6.0	18.6	12.9	4.8
25	30.7	7.3	7.6	8.1	3.1		5.0	3.2	2.4	12.9	14.9	6.4
26	17.4	13.0	3.4	8.8	3.5	4.5	2.8	4.8	8.5	15.1	9.2	3.8
27	8.8	7.1	4.7	6.1	3.2		3.6	3.8	9.0	18.3	5.2	1.0
28	2.0	8.7	2.5	3.1	2.3	14.0	4.0	6.3	10.3	15.0	4.9	2.0
29	1.8	4.2		2.7	1.6	31.8	2.7	3.4	15.8	10.5	11.1	3.0
30	1.3		4.5	3.3	5.5	22.2	4.9	3.0	10.1	18.6	4.8	3.7
31	1.8		9.4		3.5		6.6	3.5		24.6		4.3

MONTH												
NCAP	31	27	30	30	31	25	24	31	30	31	24	31
%CAP	100.0%	93.1%	96.8%	100.0%	100.0%	83.3%	77.4%	100.0%	100.0%	103.3%	80.0%	96.9%
MEAN	10.9	9.3	5.9	5.0	4.8	6.1	6.1	5.1	7.9	10.6	10.8	10.9
MAX	40.0	25.3	15.3	12.6	8.7	31.8	9.1	9.9	15.8	24.6	23.4	32.7

QUARTER	Q1			Q2			Q3			Q4		
NCAP	88			86			85			86		
%CAP	96.7%			93.5%			92.4%			93.5%		
MEAN	8.68			5.24			6.35			10.80		

ANNUAL						Site Statistics						
NCAP	345	HIGH	40.0	6th	30.7	Year	2004	2005	2006	2007	2008	
%NCAP	94.3%	2nd	35.1	7th	28.7	Annual Mean	8.7	9.1	8.4	7.3	7.8	
YMEAN	7.8	3rd	32.7	8th	26.7	Annual High	37.9	39.6	43.3	43.0	40.0	
QYMEAN	7.8	4th	32.6	9th	25.3	Annual 98 %-ile	28	36	32	36	29	
98 %-ile	28.7	5th	31.8	10th	24.8	3 Year 98 %-ile	35	31	32	35	32	