

PM 2.5 MONITORING ANNUAL SUMMARY

AMAZON PARK - 2009

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	1.5	26.0	21.1	5.3	6.3	4.0	8.1	5.4	6.3	4.1	12.2	5.3
2	5.6	24.4	4.8	1.6	2.1	6.4	10.1	3.9	5.1	6.2	17.6	22.0
3		31.0	2.5	7.7	2.3	5.8	11.6	4.8	3.3	4.9	20.8	30.1
4		35.9	4.2	11.5	1.6	3.9	12.6	8.2	5.5	7.0	27.8	30.6
5		17.6	2.1	10.3	2.8	3.9	5.2	8.4	1.8	7.8	9.7	31.5
6		8.0	8.3	9.1	2.1	2.3	4.9	17.6	3.5	9.4	4.8	18.4
7	0.8	13.0	5.3	10.3	2.8	5.3	5.0	13.9	3.7	10.8	3.5	14.1
8	4.9	5.0	6.0	3.7	4.4	6.5	2.9	12.1	7.0	11.1	4.4	28.3
9	7.3	8.5	6.0	2.4	4.7	4.8	4.8	5.6	4.4	11.5	5.3	43.1
10	9.6	2.2	9.2	2.3	6.3	4.1	6.4	3.9	5.8	12.7	11.5	52.3
11	11.8	6.0	12.0	2.4	2.1	5.6	3.4	2.0	9.0	11.9	10.5	59.9
12	8.8	5.7	13.6	1.8	3.6	8.2	2.5	1.1	9.1	10.7	5.3	46.5
13	4.8	10.3	10.6		2.9	6.6	3.3	3.4	4.9	7.6	7.5	
14	8.8	7.1	3.5	3.2	1.7	3.1	8.1	5.6	3.6	4.6	8.1	
15	12.1	9.0	2.5	5.6	5.8	7.0		5.5	4.1	10.5	5.0	1.6
16	12.3	11.4	4.0	3.4	8.1	8.5	8.9	6.8	2.7	11.1	3.5	2.5
17	19.3	7.7	6.1	3.8	9.2	4.6	8.3	8.5	5.1	7.1	3.5	6.5
18	40.0	9.5	8.8	7.3	3.8	2.7	5.5	9.3	6.9	5.6	3.8	12.4
19	35.1	16.7	6.1	8.0	3.8	2.7	3.3	10.0	3.3	5.8	3.5	6.5
20	38.2	13.9	2.7	7.1	5.4	4.2	6.2	4.5	4.5	8.1	1.8	2.0
21	36.8	17.8	2.6	8.5	5.5	3.8	5.2	4.5	6.2	7.3	2.1	2.0
22	33.5	11.8	3.6	6.5	7.7	4.3	4.0	4.1	11.2	8.9	7.0	5.5
23	22.0	2.4	3.2	4.0	7.6	5.4	3.8	6.9	28.7	7.3	3.3	10.4
24	15.9	1.1	1.5	6.3	8.6	4.3	5.7	7.7	6.2	13.4	9.4	5.8
25	6.1	1.3	1.3	6.4	6.5	3.5	10.6	5.3	7.7	12.1	14.1	7.8
26	13.3	3.6	5.3	3.6	4.2	6.2	6.1	7.3	6.7	3.9	6.8	20.0
27	7.9	11.8	4.9	5.5	6.3	7.7	8.8	4.9	7.0	11.8	11.5	20.3
28	9.9	17.0	1.9	5.4	7.5	5.8	10.4	4.5	5.3	14.9	15.9	13.8
29	11.3		8.3	4.7	8.9	6.3	11.7	4.7	3.1	4.7	16.8	3.8
30	12.2		6.8	6.8	6.9	5.9	5.3	6.3	2.9	6.7	5.4	1.9
31	18.5		5.0		4.1		5.3	8.3		5.2		0.9

MONTH												
NCAP	27	28	31	29	31	30	30	31	30	31	30	29
%CAP	87.1%	100.0%	100.0%	96.7%	100.0%	100.0%	96.8%	100.0%	100.0%	103.3%	100.0%	90.6%
MEAN	15.1	12.0	5.9	5.7	5.0	5.1	6.6	6.6	6.2	8.5	8.7	17.4
MAX	40.0	35.9	21.1	11.5	9.2	8.5	12.6	17.6	28.7	14.9	27.8	59.9

QUARTER	Q1			Q2			Q3			Q4		
NCAP	86			90			91			90		
%CAP	95.6%			98.9%			98.9%			97.8%		
MEAN	10.79			5.26			6.45			11.47		

ANNUAL						Site Statistics					
NCAP	357	HIGH	59.9	6th	38.2	Year	2005	2006	2007	2008	2009
%NCAP	97.8%	2nd	52.3	7th	36.8	Annual Mean	9.1	8.4	7.3	7.8	8.5
YMEAN	8.5	3rd	46.5	8th	35.9	Annual High	39.6	43.3	43.0	40.0	59.9
QYMEAN	8.5	4th	43.1	9th	35.1	Annual 98 %-ile	36	32	36	29	36
98 %-ile	35.9	5th	40.0	10th	33.5	3 Year 98 %-ile	31	32	35	32	34