

PM 2.5 MONITORING ANNUAL SUMMARY

AMAZON PARK - 2002

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	21.0	10.0	23.8	6.8	8.8	6.5		5.8	5.0	9.3	33.4	25.6
2	16.1	5.3	26.5	10.4	4.8	4.3	4.7	4.7	3.0	10.5	53.7	22.0
3	6.4	10.2	23.8	12.5	5.9	5.0	4.8	4.2	5.1	6.4	46.2	10.1
4	11.1	26.0	16.5	13.9	8.2	2.6	13.8	2.8	6.5	8.2	30.9	16.7
5	13.5	14.3	14.6	6.0	2.4	1.7	9.3	3.5	5.0	5.7	18.7	17.2
6	1.8	3.8	5.8		3.2	3.5	4.4	4.3	5.8	9.6	27.7	22.8
7	3.8	2.8	4.8		5.1	3.6	3.8	6.1	4.0	11.1	12.8	16.8
8	10.3	5.2	6.8		6.0	3.3	3.4	7.3	3.9	10.1	4.3	18.6
9	11.0	22.6	4.9		6.0	4.7	8.1	7.8	6.6	9.6	7.2	15.9
10	13.2	13.4	1.8		7.5	6.5	10.5	4.1	7.2	11.4	3.8	7.8
11	25.5	9.5	1.9	3.3	10.0	7.8	8.3	5.8	9.5	12.0	6.9	6.8
12	7.0	27.8		2.4	8.5	10.0	19.0	9.4	11.3	19.2	12.8	6.5
13	9.7	30.9	3.5	2.2		7.1	7.7	10.1	9.6	20.5	17.8	6.0
14	14.4	29.4	3.9	4.2	4.0	4.0	5.9	9.6	4.5	19.8	25.1	2.5
15		24.3		4.5	5.7	7.7	5.6	9.2	3.2	16.3	23.9	4.1
16	16.5	26.5		5.4	6.4	3.9	4.8	11.0	3.0	13.3	14.6	3.5
17	14.6	30.1	6.3	2.4	4.3	2.0	4.4	8.0	2.6	8.7	6.4	3.4
18	3.9	3.3	4.6	6.7	6.1	1.9	2.1	4.8	7.4	9.6	7.2	2.4
19	3.9	2.8	9.1	9.3	5.8	4.8	3.4	29.9	6.7	8.6	9.0	7.5
20	2.2	3.0	11.0	10.5	3.3	6.4	4.8	4.8	5.2	11.3	15.0	1.4
21	3.0	5.5	7.8	10.9	2.7	6.5	7.6	6.6		12.5	20.8	11.3
22	2.5	4.4	13.6	7.3	3.1	3.1	8.3	9.3		16.6	14.4	9.0
23	3.1	1.7	4.4	6.6	5.2	3.7	7.3	8.9		13.5	13.3	17.3
24	4.1	14.6	4.6	10.5	6.8	5.3	4.5	4.6		17.6	15.7	3.0
25	2.1	11.7	11.5	11.2		7.7	5.8	2.7	10.0	21.5	26.2	4.2
26	1.7	14.2	5.2	5.5	2.5	6.5	5.1	3.5	8.5	26.4	47.9	4.9
27	6.9	25.2	8.4	5.0	2.3	2.0	7.2	9.3	6.8	17.8	56.2	2.7
28	17.2	22.2	8.8	8.5		2.4	5.8	10.2	8.3	15.0	53.8	5.3
29	12.3		8.4	7.8	2.2			6.7	3.7	7.8	52.0	2.4
30	5.6		12.5	8.0	5.7		4.2	6.7	2.7	17.5	47.5	1.4
31	5.4		12.0		6.2		4.8	6.5		25.4		3.2

MONTH												
NCAP	30	28	28	25	28	28	29	31	26	31	30	31
%CAP	96.8%	100.0%	90.3%	83.3%	90.3%	93.3%	93.5%	100.0%	86.7%	100.0%	100.0%	100.0%
MEAN	9.0	14.3	9.5	7.3	5.3	4.8	6.5	7.4	6.0	13.6	24.2	9.1
MAX	25.5	30.9	26.5	13.9	10.0	10.0	19.0	29.9	11.3	26.4	56.2	25.6

QUARTER	Q1			Q2			Q3			Q4		
NCAP	86			81			86			92		
%CAP	95.6%			89.0%			93.5%			100.0%		
MEAN	10.89			5.74			6.66			15.54		

ANNUAL						Site Statistics					
NCAP	345	HIGH	56.2	6th	47.5	Year	1998	1999	2000	2001	2002
%NCAP	94.5%	2nd	53.8	7th	46.2	Annual Mean		8.6	9.4	9.4	9.7
YMEAN	9.9	3rd	53.7	8th	33.4	Annual High		52.6	58.8	50.6	56.2
QYMEAN	9.7	4th	52.0	9th	30.9	Annual 98 %-ile		36	39	34	46
98 %-ile	46.2	5th	47.9	10th	30.9	3 Year 98 %-ile				37	40