

PM 2.5 MONITORING ANNUAL SUMMARY

AMAZON PARK - 2000

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	4.3		4.1	10.5	4.9	7.4	3.3	6.7	4.7	1.5		9.3
2	3.0		5.6	12.3	3.1	7.5	2.6	9.8	2.5	6.0	8.2	8.0
3	5.3		4.7	13.2	3.6	9.5		11.2	2.1	10.7	8.2	11.0
4	6.0	14.7	6.5	5.9	3.2	9.1	11.2	9.5	5.8	13.5	11.3	17.4
5	9.3		12.1	7.6	2.7	4.0		8.8	5.0	9.5	6.7	20.3
6	7.4		7.7	4.5	6.6	2.9	3.5	6.3	5.3	10.6	12.4	14.7
7	3.5		12.5	10.9	7.3	4.2	5.9	6.7	6.1	11.5	16.5	21.8
8	3.9		6.7	10.2	3.2	2.5	5.4	8.7	3.5	7.6	5.8	21.6
9	4.6	6.5	2.4	6.9	2.6	2.4	3.8	5.9	4.4	5.3	13.0	13.3
10	5.6	16.0	2.3	12.5	2.2	2.4	4.9	3.4	3.9	5.7	23.8	16.5
11	1.9	9.0	7.4	17.5	3.0	2.2	8.2	6.4	4.9	8.6	33.2	11.1
12	3.0	5.1	9.6	9.1	4.7	1.5	7.1	6.3	9.0	6.5	33.0	20.8
13	10.1	9.4	4.4	2.8	5.1	4.6	3.5	5.4	10.9	4.3	24.5	5.3
14	9.6	5.2	6.3	2.3	6.2	5.8	3.4	6.7	6.7	16.7	34.7	3.8
15	11.0	7.4	11.5	2.4	2.8	4.5	6.3	6.2	3.8	19.7	30.7	4.8
16	4.0	12.3	5.9	6.3	5.7	6.9	9.0	6.9	4.1	6.8	43.0	3.2
17	17.5	10.8	6.4	8.8	6.8	7.8	5.9	4.3	7.0		52.5	12.0
18	17.8	13.3	5.3	4.4	4.7	3.5	5.6	2.8	7.2	7.8	58.8	24.2
19	21.8	20.2	3.6	4.1	4.8	4.9	7.0	3.9	6.2	6.6	52.0	13.9
20	16.5	34.1	6.1	5.3	8.5	7.9	8.8	4.4	6.8	5.3	44.2	17.9
21	2.9	13.0	5.4	4.2	7.5	5.7		7.2	4.2	9.2	45.6	6.3
22	7.5	2.1	4.6	3.0	4.3	4.4		9.3	4.4	23.1	32.8	1.8
23	13.0	3.5	6.2	3.5	5.0	5.6		8.8	8.0		13.7	5.3
24	14.0	3.8	10.4	8.8	6.1	4.8		6.7	9.4	21.2	13.0	7.0
25	10.5	3.3	8.5	5.8	5.8	5.3	1.7	6.1	9.7	29.4	8.1	22.2
26	15.1	3.4	10.2	10.6	3.5	8.0	2.7	3.2	10.7	22.4	6.0	39.1
27	14.8	3.1	3.1	5.0	1.8	10.5		4.0	9.8	18.8	14.1	24.0
28	23.8	3.6	3.8	3.9	2.2	10.6	2.6	7.4	7.5		37.0	17.2
29	35.8	4.9	8.4	5.9	3.3	6.8	4.9	7.3	5.4		12.7	7.7
30	33.6		12.8	4.2	3.8	3.1	7.3	6.6	2.7		7.7	14.0
31	3.1		12.6		4.8		4.5	3.8				14.1

MONTH												
NCAP	31	22	31	30	31	30	24	31	30	25	29	31
%CAP	100.0%	78.6%	100.0%	100.0%	100.0%	100.0%	77.4%	100.0%	100.0%	80.6%	96.7%	100.0%
MEAN	11.0	9.3	7.0	7.1	4.5	5.5	5.4	6.5	6.1	11.5	24.2	13.9
MAX	35.8	34.1	12.8	17.5	8.5	10.6	11.2	11.2	10.9	29.4	58.8	39.1

QUARTER	Q1			Q2			Q3			Q4		
NCAP	84			91			85			85		
%CAP	93.3%			100.0%			92.4%			92.4%		
MEAN	9.07			5.69			6.01			16.72		

ANNUAL						Site Statistics					
NCAP	345	HIGH	58.8	6th	43.0	Year	1996	1997	1998	1999	2000
%NCAP	94.3%	2nd	52.5	7th	39.1	Annual Mean				8.6	9.4
YMEAN	9.3	3rd	52.0	8th	37.0	Annual High				52.6	58.8
QYMEAN	9.4	4th	45.6	9th	35.8	Annual 98 %-ile				36	39
98 %-ile	39.1	5th	44.2	10th	34.7	3 Year 98 %-ile					