AD-A032 869 ARMY ELECTRONICS COMMAND WHITE SANDS MISSILE RANGE N--ETC F/G 4/1
ATMOSPHERIC WATERDROP SIZE DISTRIBUTION AT CAPISTRANO TEST SITE--ETC(U)
SEP 75 D H DICKSON, R B LOVELAND, W H HATCH

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1 OF 4
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RESEARCH AND DEVELOPMENT TECHNICAL REPORT

ECOM-DR-75-3 - Vol-2

ATMOSPHERIC WATERDROP SIZE DISTRIBUTION AT CAPISTRANO TEST SITE (CTS) FROM 16 APRIL THROUGH 11 MAY 1974.

VOLUME II.

Tests CTS-1 through CTS-5.

By

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ABSTRACT

VOLUME II

Atmospheric waterdrop size distribution was measured by a laser fog nephelometer at Capistrano Test Site, California, from 16 April through 11 May 1974. Liquid water content, extinction coefficient, and visibility were calculated from the data obtained. The nephelometer data were collected from sunset to sunrise nightly for 25 consecutive nights. Fog conditions were recorded on 4 of these nights. A time format of 5-minute samples separated by 5-minute pauses was used. The data are presented in tabular form referenced to channel number (i.e., nominal radius). For comparison, the 64 channels of data were treated in four groups of 16 channels each as well as one group of 64 channels. Volume I contains general narrative and background. This volume contains tabularized data for CTS-1 through CTS-5, Volume III for CTS-6 through 10, Volume IV for CTS-11 through 15, Volume V for CTS-16 through 20, and Volume VI for CTS-21 through 25.

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CTS No.	Test No.	
1	1-69	5
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CHANNEL NUMBER VERSUS NOMINAL RADIUS (MICRONS)

CH	RADIUS	CH	RADIUS
1	2.58	33	25.83
2	2.78	34	27.75
3	2.98	35	29.82
4	3.21	36	32.05
5	3.44	37	34.44
6	3.70	38	37.01
7	3.98	39	39.77
8	4.27	40	42.74
9	4.59	41	45.93
10	4.94	42	49.35
11	5.30	43	53.03
12	5.70	44	56.99
13	6.13	45	61.24
14	6.58	46	65.81
15	7.07	47	70.72
16	7.60	48	75.99
17	8.17	49	81.66
18	8.78	50	87.76
19	9.43	51	94.30
20	10.14	52	101.34
21	10.89	53	108.90
22	11.70	54	117.02
23	12.58	55	125.75
24	13.52	56	135.13
25	14.52	57	145.21
26	15.61	58	156.05
27	16.77	59	167.69
28	18.02	60	180.20
29	19.37	61	193.64
30	20.81	62	208.08
31	22.37	63	223.61
32	24.03	64	240.29

DATA LOCATION REFERENCE

Nephelometer Data

Series # Capistrano Test Site (Day of Data Acquisition Sequence), Test # (Sample) For Data Starting (24 hr local time) on (Day/Month/Year).

Data For Channels 1 Thru 16

1 2 3 4 5 6 7 8

9 (Number of droplets counted per channel, i.e., size distribution).

Extinction Coefficient =
Visibility Limit, Upper, Lower =
Liquid Water Content =
} Computed values based on data from channels 1 thru 16

Particle Count = Total number of water droplets counted in channels 1 thru 16

Data For Channels 17 thru 32

33 thru 48

49 thru 64

Same procedure for different channel numbers.

GRAND TOTAL

Sample Volume = Nephelometer sample

Extinction Coefficient =
Visibility Limits =
Liquid Water content =
} volume computed values based on data from channels 1 thru 64

Particle Count = Total number of water droplets counted in channels 1 thru 64.

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 1
FOR DATA STARTING 20: 2 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	1376	2608	2737	2400	1636	1227	964
801	725	471	179	111	32	13	15

EXTINCTION COEFFICIENT = .882E-03 PER METER
VISIBILITY LIMIT, UPPER = 4435., LOWER = 3396. METERS
LIQUID WATER CONTENT = .00234 GM/M3
PARTICLE COUNT = 10.20 PER CC

DATA FOR CHANNELS 17 THRU 32

10	3	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .414E-05 PER METER
VISIBILITY LIMIT, UPPER = 945914., LOWER = 724427. METERS
LIQUID WATER CONTENT = .00002 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .886E-03 PER METER
VISIBILITY LIMIT, UPPER = 4414., LOWER = 3381. METERS
LIQUID WATER CONTENT = .00236 GM/M3
PARTICLE COUNT = 10.21 PER CC

NEPHELOMETER DATA

SERIES # CTS= 1, TEST # 2
FOR DATA STARTING 20: 8 ON 16/ 1/74

DATA FOR CHANNELS 1 THRU 16

1	1554	2762	2745	2464	1882	1410	1136
975	854	648	229	114	44	21	21

EXTINCTION COEFFICIENT = .999E-03 PER METER
VISIBILITY LIMIT, UPPER = 3915., LOWER = 2998. METERS
LIQUID WATER CONTENT = .00269 GM/M3
PARTICLE COUNT = 11.25 PER CC

DATA FOR CHANNELS 17 THRU 32

18	2	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .568E-05 PER METER
VISIBILITY LIMIT, UPPER =689204., LOWER =527826. METERS
LIQUID WATER CONTENT = .00003 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .100E-02 PER METER
VISIBILITY LIMIT, UPPER = 3893., LOWER = 2981. METERS
LIQUID WATER CONTENT = .00272 GM/M3
PARTICLE COUNT = 11.27 PER CC

NEPHELOMETER DATA

SERIES # CTS= 1, TEST # 3
FOR DATA STARTING 20:16 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	2304	3503	3257	2932	2252	1591	1322
1111	1012	716	268	135	61	20	6

EXTINCTION COEFFICIENT = .119E-02 PER METER
VISIBILITY LIMIT, UPPER = 3298., LOWER = 2526. METERS
LIQUID WATER CONTENT = .00315 GM/M3
PARTICLE COUNT = 13.66 PER CC

DATA FOR CHANNELS 17 THRU 32

6	4	7	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .601E-05 PER METER
VISIBILITY LIMIT, UPPER =651246., LOWER =498756. METERS
LIQUID WATER CONTENT = .00004 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .119E-02 PER METER
VISIBILITY LIMIT, UPPER = 3282., LOWER = 2513. METERS
LIQUID WATER CONTENT = .00319 GM/M3
PARTICLE COUNT = 13.67 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 4
FOR DATA STARTING 20122 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	1934	3087	2828	2375	1805	1418	1089
985	853	606	243	115	44	18	14

EXTINCTION COEFFICIENT = .101E-02 PER METER
VISIBILITY LIMIT, UPPER = 3873., LOWER = 2966. METERS
LIQUID WATER CONTENT = .00269 GM/M3
PARTICLE COUNT = 11.61 PER CC

DATA FOR CHANNELS 17 THRU 32

9	5	3	0	0	0	1	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .693E-05 PER METER
VISIBILITY LIMIT, UPPER =564487., LOWER =432312. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .102E-02 PER METER
VISIBILITY LIMIT, UPPER = 3846., LOWER = 2946. METERS
LIQUID WATER CONTENT = .00274 GM/M3
PARTICLE COUNT = 11.62 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 5
FOR DATA STARTING 20:30 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	2868	4414	3629	3166	2443	1898	1543
1394	1298	882	325	148	50	27	8

EXTINCTION COEFFICIENT = .140E-02 PER METER
VISIBILITY LIMIT, UPPER = 2797., LOWER = 2142. METERS
LIQUID WATER CONTENT = .00373 GM/M3
PARTICLE COUNT = 16.06 PER CC

DATA FOR CHANNELS 17 THRU 32

11	5	7	1	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .830E-05 PER METER
VISIBILITY LIMIT, UPPER =471271., LOWER =360922. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .141E-02 PER METER
VISIBILITY LIMIT, UPPER = 2780., LOWER = 2129. METERS
LIQUID WATER CONTENT = .00378 GM/M3
PARTICLE COUNT = 16.08 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 6
FOR DATA STARTING 20:40 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	3655	5011	3155	2092	1510	1295	1188
1073	949	589	234	135	50	35	14

EXTINCTION COEFFICIENT = .114E-02 PER METER
VISIBILITY LIMIT, UPPER = 3425., LOWER = 2623. METERS
LIQUID WATER CONTENT = .00297 GM/M3
PARTICLE COUNT = 13.99 PER CC

DATA FOR CHANNELS 17 THRU 32

15	19	21	12	16	22	20	14
23	22	13	10	8	3	2	1

EXTINCTION COEFFICIENT = .164E-03 PER METER
VISIBILITY LIMIT, UPPER = 23827., LOWER = 18248. METERS
LIQUID WATER CONTENT = .00161 GM/M3
PARTICLE COUNT = .15 PER CC

DATA FOR CHANNELS 33 THRU 48

4	2	2	0	0	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .317E-04 PER METER
VISIBILITY LIMIT, UPPER =123380., LOWER = 94490. METERS
LIQUID WATER CONTENT = .00064 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .134E-02 PER METER
VISIBILITY LIMIT, UPPER = 2924., LOWER = 2239. METERS
LIQUID WATER CONTENT = .00522 GM/M3
PARTICLE COUNT = 14.15 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 7
FOR DATA STARTING 21: 0 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	4825	6747	4133	2557	1968	1565	1399
1266	1222	801	283	141	53	38	15

EXTINCTION COEFFICIENT = .145E-02 PER METER
VISIBILITY LIMIT, UPPER = 2700., LOWER = 2068. METERS
LIQUID WATER CONTENT = .00374 GM/M3
PARTICLE COUNT = 18.01 PER CC

DATA FOR CHANNELS 17 THRU 32

17	12	19	16	17	19	17	28
25	29	26	18	8	3	1	2

EXTINCTION COEFFICIENT = .206E-03 PER METER
VISIBILITY LIMIT, UPPER = 18953., LOWER = 14515. METERS
LIQUID WATER CONTENT = .00208 GM/M3
PARTICLE COUNT = .17 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	2	2	1	1	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .394E-04 PER METER
VISIBILITY LIMIT, UPPER = 99266., LOWER = 76023. METERS
LIQUID WATER CONTENT = .00087 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .169E-02 PER METER
VISIBILITY LIMIT, UPPER = 2308., LOWER = 1768. METERS
LIQUID WATER CONTENT = .00669 GM/M3
PARTICLE COUNT = 18.19 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 8
FOR DATA STARTING 21:10 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	9652	13159	7682	4229	2705	2053	1937
1633	1571	959	361	142	59	27	15

EXTINCTION COEFFICIENT = .229E-02 PER METER
VISIBILITY LIMIT, UPPER = 1707., LOWER = 1307. METERS
LIQUID WATER CONTENT = .00565 GM/M3
PARTICLE COUNT = 30.79 PER CC

DATA FOR CHANNELS 17 THRU 32

17	18	16	12	7	18	28	34
27	29	30	17	17	12	6	4

EXTINCTION COEFFICIENT = .263E-03 PER METER
VISIBILITY LIMIT, UPPER = 14889., LOWER = 11403. METERS
LIQUID WATER CONTENT = .00283 GM/M3
PARTICLE COUNT = .19 PER CC

DATA FOR CHANNELS 33 THRU 48

5	0	2	4	1	0	1	0
1	0	2	0	0	0	0	0

EXTINCTION COEFFICIENT = .826E-04 PER METER
VISIBILITY LIMIT, UPPER = 47347., LOWER = 36261. METERS
LIQUID WATER CONTENT = .00215 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .264E-02 PER METER
VISIBILITY LIMIT, UPPER = 1483., LOWER = 1136. METERS
LIQUID WATER CONTENT = .01063 GM/M3
PARTICLE COUNT = 31.00 PER CC

NEPHELOMETER DATA

SERIES # CTS= 1, TEST # 9
FOR DATA STARTING 21:20 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	5643	7499	4917	3214	2611	2393	2322
2363	2233	1379	542	216	84	27	26

EXTINCTION COEFFICIENT = .205E-02 PER METER
VISIBILITY LIMIT, UPPER = 1905., LOWER = 1459. METERS
LIQUID WATER CONTENT = .00552 GM/M3
PARTICLE COUNT = 23.65 PER CC

DATA FOR CHANNELS 17 THRU 32

15	21	22	15	27	27	32	15
21	25	17	27	16	10	6	4

EXTINCTION COEFFICIENT = .254E-03 PER METER
VISIBILITY LIMIT, UPPER = 15426., LOWER = 11814. METERS
LIQUID WATER CONTENT = .00269 GM/M3
PARTICLE COUNT = .20 PER CC

DATA FOR CHANNELS 33 THRU 48

2	5	4	1	2	0	1	0
2	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .752E-04 PER METER
VISIBILITY LIMIT, UPPER = 52049., LOWER = 39862. METERS
LIQUID WATER CONTENT = .00173 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .238E-02 PER METER
VISIBILITY LIMIT, UPPER = 1642., LOWER = 1258. METERS
LIQUID WATER CONTENT = .00993 GM/M3
PARTICLE COUNT = 23.86 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 10
FOR DATA STARTING 21:30 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	3755	4966	3616	2834	2519	2382	2299
2204	2049	1224	546	239	89	31	21

EXTINCTION COEFFICIENT = .177E-02 PER METER
VISIBILITY LIMIT, UPPER = 2211., LOWER = 1693. METERS
LIQUID WATER CONTENT = .00488 GM/M3
PARTICLE COUNT = 19.19 PER CC

DATA FOR CHANNELS 17 THRU 32

13	23	13	24	19	18	14	11
14	24	12	11	13	5	3	2

EXTINCTION COEFFICIENT = .170E-03 PER METER
VISIBILITY LIMIT, UPPER = 22972., LOWER = 17593. METERS
LIQUID WATER CONTENT = .00174 GM/M3
PARTICLE COUNT = .15 PER CC

DATA FOR CHANNELS 33 THRU 48

3	4	2	4	1	1	1	1
1	0	0	1	1	0	0	0

EXTINCTION COEFFICIENT = .109E-03 PER METER
VISIBILITY LIMIT, UPPER = 35863., LOWER = 27465. METERS
LIQUID WATER CONTENT = .00298 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .205E-02 PER METER
VISIBILITY LIMIT, UPPER = 1910., LOWER = 1462. METERS
LIQUID WATER CONTENT = .00960 GM/M3
PARTICLE COUNT = 19.35 PER CC

NEPHELOMETER DATA

SERIES # CTS= 1, TEST # 11
FOR DATA STARTING 21140 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

6	2574	3536	2875	2556	2436	2057	2124
2044	1964	1220	549	259	82	31	21

EXTINCTION COEFFICIENT = .157E-02 PER METER
VISIBILITY LIMIT, UPPER = 2489., LOWER = 1907. METERS
LIQUID WATER CONTENT = .00444 GM/M3
PARTICLE COUNT = 16.22 PER CC

DATA FOR CHANNELS 17 THRU 32

22	16	22	8	19	12	17	20
12	16	15	12	6	4	1	2

EXTINCTION COEFFICIENT = .150E-03 PER METER
VISIBILITY LIMIT, UPPER = 26009., LOWER = 19919. METERS
LIQUID WATER CONTENT = .00149 GM/M3
PARTICLE COUNT = .14 PER CC

DATA FOR CHANNELS 33 THRU 48

3	1	1	1	0	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .273E-04 PER METER
VISIBILITY LIMIT, UPPER =143358., LOWER =109790. METERS
LIQUID WATER CONTENT = .00059 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .175E-02 PER METER
VISIBILITY LIMIT, UPPER = 2237., LOWER = 1713. METERS
LIQUID WATER CONTENT = .00651 GM/M3
PARTICLE COUNT = 16.36 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 12
FOR DATA STARTING 21:50 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	1695	2381	2300	2201	2047	1953	1886
1851	1844	1202	530	250	115	44	13

EXTINCTION COEFFICIENT = .138E-02 PER METER
VISIBILITY LIMIT, UPPER = 2832., LOWER = 2169. METERS
LIQUID WATER CONTENT = .00399 GM/M3
PARTICLE COUNT = 13.54 PER CC

DATA FOR CHANNELS 17 THRU 32

10	16	17	12	13	14	17	16
20	18	11	7	7	1	2	2

EXTINCTION COEFFICIENT = .138E-03 PER METER
VISIBILITY LIMIT, UPPER = 28381., LOWER = 21736. METERS
LIQUID WATER CONTENT = .00136 GM/M3
PARTICLE COUNT = .12 PER CC

DATA FOR CHANNELS 33 THRU 48

2	3	4	0	0	0	1	0
1	0	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .613E-04 PER METER
VISIBILITY LIMIT, UPPER = 63774., LOWER = 48841. METERS
LIQUID WATER CONTENT = .00166 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .158E-02 PER METER
VISIBILITY LIMIT, UPPER = 2475., LOWER = 1895. METERS
LIQUID WATER CONTENT = .00702 GM/M3
PARTICLE COUNT = 13.67 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 13
FOR DATA STARTING 221 0 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

9	1915	2488	2427	2262	2021	1959	1991
2050	1963	1244	601	301	93	42	18

EXTINCTION COEFFICIENT = .146E-02 PER METER
VISIBILITY LIMIT, UPPER = 2684., LOWER = 2056. METERS
LIQUID WATER CONTENT = .00422 GM/M3
PARTICLE COUNT = 14.26 PER CC

DATA FOR CHANNELS 17 THRU 32

14	15	13	13	7	8	9	16
13	15	8	4	4	2	2	4

EXTINCTION COEFFICIENT = .111E-03 PER METER
VISIBILITY LIMIT, UPPER = 35269., LOWER = 27010. METERS
LIQUID WATER CONTENT = .00113 GM/M3
PARTICLE COUNT = .10 PER CC

DATA FOR CHANNELS 33 THRU 48

5	3	2	1	2	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .520E-04 PER METER
VISIBILITY LIMIT, UPPER = 75278., LOWER = 57652. METERS
LIQUID WATER CONTENT = .00106 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .162E-02 PER METER
VISIBILITY LIMIT, UPPER = 2415., LOWER = 1849. METERS
LIQUID WATER CONTENT = .00641 GM/M3
PARTICLE COUNT = 14.36 PER CC

NEPHELOMETER DATA

SERIES # CTS= 1, TEST # 14
FOR DATA STARTING 22:10 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

7	1515	2229	2291	2273	2158	2086	2101
2188	2195	1393	674	318	189	52	19

EXTINCTION COEFFICIENT = .152E-02 PER METER
VISIBILITY LIMIT, UPPER = 2574., LOWER = 1971. METERS
LIQUID WATER CONTENT = .00447 GM/M3
PARTICLE COUNT = 14.35 PER CC

DATA FOR CHANNELS 17 THRU 32

19	25	8	6	8	12	13	22
18	14	9	8	5	5	2	1

EXTINCTION COEFFICIENT = .130E-03 PER METER
VISIBILITY LIMIT, UPPER = 29982., LOWER = 22962. METERS
LIQUID WATER CONTENT = .00130 GM/M3
PARTICLE COUNT = .12 PER CC

DATA FOR CHANNELS 33 THRU 48

1	3	2	2	1	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .392E-04 PER METER
VISIBILITY LIMIT, UPPER = 99702., LOWER = 76357. METERS
LIQUID WATER CONTENT = .00081 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .169E-02 PER METER
VISIBILITY LIMIT, UPPER = 2315., LOWER = 1773. METERS
LIQUID WATER CONTENT = .00658 GM/M3
PARTICLE COUNT = 14.48 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 15
FOR DATA STARTING 22120 ON 10/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	1346	2066	2217	2278	2151	2002	1888
1948	1936	1275	568	296	111	45	32

EXTINCTION COEFFICIENT = .141E-02 PER METER
VISIBILITY LIMIT, UPPER = 2772., LOWER = 2123. METERS
LIQUID WATER CONTENT = .00413 GM/M3
PARTICLE COUNT = 13.44 PER CC

DATA FOR CHANNELS 17 THRU 32

20	16	17	14	17	9	11	20
11	7	7	3	5	3	5	2

EXTINCTION COEFFICIENT = .117E-03 PER METER
VISIBILITY LIMIT, UPPER = 33398., LOWER = 25578. METERS
LIQUID WATER CONTENT = .00116 GM/M3
PARTICLE COUNT = .11 PER CC

DATA FOR CHANNELS 33 THRU 48

3	2	1	2	1	1	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .445E-04 PER METER
VISIBILITY LIMIT, UPPER = 87914., LOWER = 67329. METERS
LIQUID WATER CONTENT = .00095 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .157E-02 PER METER
VISIBILITY LIMIT, UPPER = 2487., LOWER = 1905. METERS
LIQUID WATER CONYENT = .00625 GM/M3
PARTICLE COUNT = 13.56 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 16
FOR DATA STARTING 22:30 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	961	1680	1906	1869	1782	1713	1656
1516	1306	951	430	205	95	49	20

EXTINCTION COEFFICIENT = .111E-02 PER METER
VISIBILITY LIMIT, UPPER = 3512., LOWER = 2690. METERS
LIQUID WATER CONTENT = .00323 GM/M3
PARTICLE COUNT = 10.76 PER CC

DATA FOR CHANNELS 17 THRU 32

13	11	9	15	7	9	14	15
13	6	4	2	6	0	2	1

EXTINCTION COEFFICIENT = .875E-04 PER METER
VISIBILITY LIMIT, UPPER = 44720., LOWER = 34249. METERS
LIQUID WATER CONTENT = .00084 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	2	0	3	0	0	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .344E-04 PER METER
VISIBILITY LIMIT, UPPER =113659., LOWER = 87045. METERS
LIQUID WATER CONTENT = .00082 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .124E-02 PER METER
VISIBILITY LIMIT, UPPER = 3166., LOWER = 2425. METERS
LIQUID WATER CONTENT = .00489 GM/M3
PARTICLE COUNT = 10.85 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 17
FOR DATA STARTING 22140 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	951	1702	1940	1945	1805	1646	1490
1479	1281	931	393	203	70	31	19

EXTINCTION COEFFICIENT = .108E-02 PER METER
VISIBILITY LIMIT, UPPER = 3617., LOWER = 2770. METERS
LIQUID WATER CONTENT = .00312 GM/M3
PARTICLE COUNT = 10.59 PER CC

DATA FOR CHANNELS 17 THRU 32

20	5	8	11	11	11	9	10
15	10	3	3	2	4	1	3

EXTINCTION COEFFICIENT = .911E-04 PER METER
VISIBILITY LIMIT, UPPER = 42919., LOWER = 32870. METERS
LIQUID WATER CONTENT = .00091 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	1	0	0	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .146E-04 PER METER
VISIBILITY LIMIT, UPPER =267885., LOWER =205159. METERS
LIQUID WATER CONTENT = .00035 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .119E-02 PER METER
VISIBILITY LIMIT, UPPER = 3295., LOWER = 2523. METERS
LIQUID WATER CONTENT = .00438 GM/M3
PARTICLE COUNT = 10.68 PER CC

NEPHELOMETER DATA

SERIES # CTS= 1, TEST # 18
FOR DATA STARTING 22:50 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	929	1834	1836	1910	1718	1645	1486
1342	1238	943	342	187	65	28	20

EXTINCTION COEFFICIENT = .105E-02 PER METER
VISIBILITY LIMIT, UPPER = 3731., LOWER = 2858. METERS
LIQUID WATER CONTENT = .00301 GM/M3
PARTICLE COUNT = 10.35 PER CC

DATA FOR CHANNELS 17 THRU 32

25	12	14	10	7	17	15	17
11	10	3	3	3	1	1	2

EXTINCTION COEFFICIENT = .976E-04 PER METER
VISIBILITY LIMIT, UPPER = 40094., LOWER = 30706. METERS
LIQUID WATER CONTENT = .00091 GM/M3
PARTICLE COUNT = .10 PER CC

DATA FOR CHANNELS 33 THRU 48

2	2	0	1	2	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .263E-04 PER METER
VISIBILITY LIMIT, UPPER =148853., LOWER =113999. METERS
LIQUID WATER CONTENT = .00054 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .117E-02 PER METER
VISIBILITY LIMIT, UPPER = 3337., LOWER = 2556. METERS
LIQUID WATER CONTENT = .00445 GM/M3
PARTICLE COUNT = 10.46 PER CC

NEPHELOMETER DATA

SERIES # CTS= 1, TEST # 19
FOR DATA STARTING 23: 0 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	1047	1803	1952	1851	1795	1660	1596
1573	1490	1017	438	225	102	37	27

EXTINCTION COEFFICIENT = .115E-02 PER METER
VISIBILITY LIMIT, UPPER = 3399., LOWER = 2603. METERS
LIQUID WATER CONTENT = .00335 GM/M3
PARTICLE COUNT = 11.08 PER CC

DATA FOR CHANNELS 17 THRU 32

10	9	14	11	12	10	13	17
13	7	7	2	5	3	1	2

EXTINCTION COEFFICIENT = .988E-04 PER METER
VISIBILITY LIMIT, UPPER = 39589., LOWER = 30320. METERS
LIQUID WATER CONTENT = .00097 GM/M3
PARTICLE COUNT = .09 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	0	1	0	1	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .227E-04 PER METER
VISIBILITY LIMIT, UPPER =172440., LOWER =132063. METERS
LIQUID WATER CONTENT = .00052 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .127E-02 PER METER
VISIBILITY LIMIT, UPPER = 3074., LOWER = 2354. METERS
LIQUID WATER CONTENT = .00484 GM/M3
PARTICLE COUNT = 11.17 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 20
FOR DATA STARTING 23:10 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	1325	2307	2214	2053	1984	1914	1879
1915	1944	1498	590	335	133	35	26

EXTINCTION COEFFICIENT = .143E-02 PER METER
VISIBILITY LIMIT, UPPER = 2744., LOWER = 2101. METERS
LIQUID WATER CONTENT = .00420 GM/M3
PARTICLE COUNT = 13.44 PER CC

DATA FOR CHANNELS 17 THRU 32

21	21	16	14	16	14	11	22
13	19	9	3	4	2	5	3

EXTINCTION COEFFICIENT = .138E-03 PER METER
VISIBILITY LIMIT, UPPER = 28356., LOWER = 21716. METERS
LIQUID WATER CONTENT = .00137 GM/M3
PARTICLE COUNT = .13 PER CC

DATA FOR CHANNELS 33 THRU 48

0	3	1	0	0	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .200E-04 PER METER
VISIBILITY LIMIT, UPPER =195296., LOWER =149567. METERS
LIQUID WATER CONTENT = .00043 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .158E-02 PER METER
VISIBILITY LIMIT, UPPER = 2470., LOWER = 1892. METERS
LIQUID WATER CONTENT = .00600 GM/M3
PARTICLE COUNT = 13.57 PER CC

NEPHELOMETER DATA

SERIES # CTS= 1, TEST # 21
FOR DATA STARTING 23:20 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	1027	1771	1879	1813	1806	1698	1680
1636	1518	1204	462	249	111	43	22

EXTINCTION COEFFICIENT = .119E-02 PER METER
VISIBILITY LIMIT, UPPER = 3279., LOWER = 2511. METERS
LIQUID WATER CONTENT = .00350 GM/M3
PARTICLE COUNT = 11.28 PER CC

DATA FOR CHANNELS 17 THRU 32

20	9	7	13	8	11	20	20
21	13	5	3	3	4	4	2

EXTINCTION COEFFICIENT = .123E-03 PER METER
VISIBILITY LIMIT, UPPER = 31925., LOWER = 24450. METERS
LIQUID WATER CONTENT = .00123 GM/M3
PARTICLE COUNT = .11 PER CC

DATA FOR CHANNELS 33 THRU 48

4	1	0	0	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .194E-04 PER METER
VISIBILITY LIMIT, UPPER =201944., LOWER =154659. METERS
LIQUID WATER CONTENT = .00037 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .765E-04 PER METER
VISIBILITY LIMIT, UPPER = 51144., LOWER = 39169. METERS
LIQUID WATER CONTENT = .00689 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .141E-02 PER METER
VISIBILITY LIMIT, UPPER = 2772., LOWER = 2123. METERS
LIQUID WATER CONTENT = .01199 GM/M3
PARTICLE COUNT = 11.39 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 22
FOR DATA STARTING 23:30 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	2731	4202	3218	2790	2761	2675	2854
2859	2861	1953	824	338	146	55	20

EXTINCTION COEFFICIENT = .206E-02 PER METER
VISIBILITY LIMIT, UPPER = 1900., LOWER = 1455. METERS
LIQUID WATER CONTENT = .00596 GM/M3
PARTICLE COUNT = 20.19 PER CC

DATA FOR CHANNELS 17 THRU 32

16	16	8	16	11	9	17	10
13	23	18	10	4	9	8	0

EXTINCTION COEFFICIENT = .158E-03 PER METER
VISIBILITY LIMIT, UPPER = 24727., LOWER = 18937. METERS
LIQUID WATER CONTENT = .00168 GM/M3
PARTICLE COUNT = .13 PER CC

DATA FOR CHANNELS 33 THRU 48

3	0	1	1	0	0	1	1
0	0	0	0	0	0	0	1

EXTINCTION COEFFICIENT = .549E-04 PER METER
VISIBILITY LIMIT, UPPER = 71285., LOWER = 54594. METERS
LIQUID WATER CONTENT = .00193 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .227E-02 PER METER
VISIBILITY LIMIT, UPPER = 1722., LOWER = 1318. METERS
LIQUID WATER CONTENT = .00957 GM/M3
PARTICLE COUNT = 20.32 PER CC

NEPHELOMETER DATA

SERIES # CTS= 1, TEST # 23
FOR DATA STARTING 23:40 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	2907	3932	3087	2684	2564	2457	2438
2445	2412	1395	572	283	79	41	20

EXTINCTION COEFFICIENT = .178E-02 PER METER
VISIBILITY LIMIT, UPPER = 2198., LOWER = 1683. METERS
LIQUID WATER CONTENT = .00504 GM/M3
PARTICLE COUNT = 18.21 PER CC

DATA FOR CHANNELS 17 THRU 32

13	14	15	10	11	14	16	15
17	17	12	15	7	6	0	0

EXTINCTION COEFFICIENT = .142E-03 PER METER
VISIBILITY LIMIT, UPPER = 27465., LOWER = 21034. METERS
LIQUID WATER CONTENT = .00143 GM/M3
PARTICLE COUNT = .12 PER CC

DATA FOR CHANNELS 33 THRU 48

2	0	4	1	0	2	2	0
0	2	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .835E-04 PER METER
VISIBILITY LIMIT, UPPER = 46834., LOWER = 35868. METERS
LIQUID WATER CONTENT = .00231 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .430E-04 PER METER
VISIBILITY LIMIT, UPPER = 90943., LOWER = 69649. METERS
LIQUID WATER CONTENT = .00291 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .205E-02 PER METER
VISIBILITY LIMIT, UPPER = 1910., LOWER = 1462. METERS
LIQUID WATER CONTENT = .01168 GM/M3
PARTICLE COUNT = 18.34 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 24
FOR DATA STARTING 23:50 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

9	2665	3267	2780	2505	2439	2351	2339
2380	2389	1349	607	257	94	34	10

EXTINCTION COEFFICIENT = .169E-02 PER METER
VISIBILITY LIMIT, UPPER = 2315., LOWER = 1773. METERS
LIQUID WATER CONTENT = .00482 GM/M3
PARTICLE COUNT = 16.98 PER CC

DATA FOR CHANNELS 17 THRU 32

19	17	14	14	7	19	15	17
14	19	9	11	15	5	1	1

EXTINCTION COEFFICIENT = .154E-03 PER METER
VISIBILITY LIMIT, UPPER = 25425., LOWER = 19472. METERS
LIQUID WATER CONTENT = .00157 GM/M3
PARTICLE COUNT = .13 PER CC

DATA FOR CHANNELS 33 THRU 48

2	2	0	1	0	1	0	1
0	1	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .556E-04 PER METER
VISIBILITY LIMIT, UPPER = 70304., LOWER = 53842. METERS
LIQUID WATER CONTENT = .00164 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .190E-02 PER METER
VISIBILITY LIMIT, UPPER = 2060., LOWER = 1577. METERS
LIQUID WATER CONTENT = .00803 GM/M3
PARTICLE COUNT = 17.12 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 25
FOR DATA STARTING 0: 0 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	2008	2922	2555	2318	2071	1941	1812
1750	1670	1055	395	204	73	32	12

EXTINCTION COEFFICIENT = .134E-02 PER METER
VISIBILITY LIMIT, UPPER = 2912., LOWER = 2230. METERS
LIQUID WATER CONTENT = .00378 GM/M3
PARTICLE COUNT = 13.88 PER CC

DATA FOR CHANNELS 17 THRU 32

14	10	12	8	8	11	11	7
7	6	10	9	3	2	1	1

EXTINCTION COEFFICIENT = .872E-04 PER METER
VISIBILITY LIMIT, UPPER = 44869., LOWER = 34363. METERS
LIQUID WATER CONTENT = .00086 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	2	0	1	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .210E-04 PER METER
VISIBILITY LIMIT, UPPER =186713., LOWER =142994. METERS
LIQUID WATER CONTENT = .00045 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .145E-02 PER METER
VISIBILITY LIMIT, UPPER = 2695., LOWER = 2064. METERS
LIQUID WATER CONTENT = .00510 GM/M3
PARTICLE COUNT = 13.96 PER CC

NEPHELOMETER DATA

SERIES # CTS= 1, TEST # 26
FOR DATA STARTING 0810 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	1608	2580	2340	2251	2026	1869	1810
1702	1674	963	415	200	76	27	19

EXTINCTION COEFFICIENT = .129E-02 PER METER
VISIBILITY LIMIT, UPPER = 3041., LOWER = 2329. METERS
LIQUID WATER CONTENT = .00365 GM/M3
PARTICLE COUNT = 13.04 PER CC

DATA FOR CHANNELS 17 THRU 32

13	13	18	7	10	10	10	5
8	11	9	6	3	2	2	2

EXTINCTION COEFFICIENT = .931E-04 PER METER
VISIBILITY LIMIT, UPPER = 41997., LOWER = 32164. METERS
LIQUID WATER CONTENT = .00093 GM/M3
PARTICLE COUNT = .09 PER CC

DATA FOR CHANNELS 33 THRU 48

0	2	1	0	0	0	0	0
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .220E-04 PER METER
VISIBILITY LIMIT, UPPER =178140., LOWER =136428. METERS
LIQUID WATER CONTENT = .00061 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .140E-02 PER METER
VISIBILITY LIMIT, UPPER = 2792., LOWER = 2138. METERS
LIQUID WATER CONTENT = .00519 GM/M3
PARTICLE COUNT = 13.13 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 27
FOR DATA STARTING 0:20 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	767	1347	1448	1420	1327	1156	1001
738	546	383	131	67	30	8	5

EXTINCTION COEFFICIENT = .640E-03 PER METER
VISIBILITY LIMIT, UPPER = 6112., LOWER = 4681. METERS
LIQUID WATER CONTENT = .00174 GM/M3
PARTICLE COUNT = 6.92 PER CC

DATA FOR CHANNELS 17 THRU 32

2	2	4	5	7	5	1	2
1	1	1	1	3	0	1	1

EXTINCTION COEFFICIENT = .271E-04 PER METER
VISIBILITY LIMIT, UPPER =144564., LOWER =110714. METERS
LIQUID WATER CONTENT = .00028 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER =1400069, LOWER =1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .670E-03 PER METER
VISIBILITY LIMIT, UPPER = 5839., LOWER = 4472. METERS
LIQUID WATER CONTENT = .00207 GM/M3
PARTICLE COUNT = 6.94 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 28
FOR DATA STARTING 0:30 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	1039	1876	2077	2078	1950	1925	1895
1851	1872	1195	559	238	112	34	21

EXTINCTION COEFFICIENT = .132E-02 PER METER
VISIBILITY LIMIT, UPPER = 2958., LOWER = 2266. METERS
LIQUID WATER CONTENT = .00388 GM/M3
PARTICLE COUNT = 12.48 PER CC

DATA FOR CHANNELS 17 THRU 32

17	17	8	7	8	7	8	7
9	3	4	2	1	4	0	1

EXTINCTION COEFFICIENT = .646E-04 PER METER
VISIBILITY LIMIT, UPPER = 60574., LOWER = 46391. METERS
LIQUID WATER CONTENT = .00060 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

2	2	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .163E-04 PER METER
VISIBILITY LIMIT, UPPER =239353., LOWER =183308. METERS
LIQUID WATER CONTENT = .00031 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .140E-02 PER METER
VISIBILITY LIMIT, UPPER = 2788., LOWER = 2135. METERS
LIQUID WATER CONTENT = .00479 GM/M3
PARTICLE COUNT = 12.56 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 29
FOR DATA STARTING 0140 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	1221	1919	2080	2142	1788	1839	1873
1851	1835	1122	515	233	70	21	17

EXTINCTION COEFFICIENT = .129E-02 PER METER
VISIBILITY LIMIT, UPPER = 3042., LOWER = 2330. METERS
LIQUID WATER CONTENT = .00373 GM/M3
PARTICLE COUNT = 12.35 PER CC

DATA FOR CHANNELS 17 THRU 32

9	9	6	8	17	10	7	7
9	8	5	3	2	3	0	3

EXTINCTION COEFFICIENT = .772E-04 PER METER
VISIBILITY LIMIT, UPPER = 50662., LOWER = 38799. METERS
LIQUID WATER CONTENT = .00077 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .652E-05 PER METER
VISIBILITY LIMIT, UPPER =599991., LOWER =459503. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .137E-02 PER METER
VISIBILITY LIMIT, UPPER = 2856., LOWER = 2187. METERS
LIQUID WATER CONTENT = .00463 GM/M3
PARTICLE COUNT = 12.42 PER CC

NEPHELOMETER DATA

SERIES # CTS= 1, TEST # 30
FOR DATA STARTING 0150 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	834	1395	1454	1429	1332	1226	1058
1000	807	541	230	125	58	24	8

EXTINCTION COEFFICIENT = .754E-03 PER METER
VISIBILITY LIMIT, UPPER = 5166., LOWER = 3972. METERS
LIQUID WATER CONTENT = .00213 GM/M3
PARTICLE COUNT = 7.68 PER CC

DATA FOR CHANNELS 17 THRU 32

6	12	4	4	2	8	1	3
2	0	0	0	1	0	1	0

EXTINCTION COEFFICIENT = .227E-04 PER METER
VISIBILITY LIMIT, UPPER =172036., LOWER =131754. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER =1212427, LOWER =928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .780E-03 PER METER
VISIBILITY LIMIT, UPPER = 5014., LOWER = 3840. METERS
LIQUID WATER CONTENT = .00238 GM/M3
PARTICLE COUNT = 7.71 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 31
FOR DATA STARTING 11 0 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

6	878	1770	1940	2145	2102	1955	1976
1777	1761	1291	525	277	114	33	17

EXTINCTION COEFFICIENT = .132E-02 PER METER
VISIBILITY LIMIT, UPPER = 2960., LOWER = 2267. METERS
LIQUID WATER CONTENT = .00388 GM/M3
PARTICLE COUNT = 12.38 PER CC

DATA FOR CHANNELS 17 THRU 32

7	3	7	5	6	2	6	6
6	7	4	4	0	2	2	1

EXTINCTION COEFFICIENT = .532E-04 PER METER
VISIBILITY LIMIT, UPPER = 73501., LOWER = 56291. METERS
LIQUID WATER CONTENT = .00055 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	2	1	0	0	0	1
2	0	0	0	0	1	0	0

EXTINCTION COEFFICIENT = .552E-04 PER METER
VISIBILITY LIMIT, UPPER = 70849., LOWER = 54259. METERS
LIQUID WATER CONTENT = .00179 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .143E-02 PER METER
VISIBILITY LIMIT, UPPER = 2735., LOWER = 2095. METERS
LIQUID WATER CONTENT = .00623 GM/M3
PARTICLE COUNT = 12.43 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 32
FOR DATA STARTING 1:10 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	1469	4205	6988	7320	5901	4648	3725
3075	2882	2105	1061	514	219	94	52

EXTINCTION COEFFICIENT = .291E-02 PER METER
VISIBILITY LIMIT, UPPER = 1343., LOWER = 1029. METERS
LIQUID WATER CONTENT = .00823 GM/M3
PARTICLE COUNT = 29.51 PER CC

DATA FOR CHANNELS 17 THRU 32

46	47	44	51	64	67	72	87
103	87	78	70	59	40	66	41

EXTINCTION COEFFICIENT = .102E-02 PER METER
VISIBILITY LIMIT, UPPER = 3833., LOWER = 2935. METERS
LIQUID WATER CONTENT = .01177 GM/M3
PARTICLE COUNT = .68 PER CC

DATA FOR CHANNELS 33 THRU 48

50	40	30	32	23	27	18	18
10	27	13	10	11	7	5	8

EXTINCTION COEFFICIENT = .230E-02 PER METER
VISIBILITY LIMIT, UPPER = 1704., LOWER = 1305. METERS
LIQUID WATER CONTENT = .07321 GM/M3
PARTICLE COUNT = .22 PER CC

DATA FOR CHANNELS 49 THRU 64

4	3	3	0	1	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .446E-03 PER METER
VISIBILITY LIMIT, UPPER = 8763., LOWER = 6711. METERS
LIQUID WATER CONTENT = .02927 GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .667E-02 PER METER
VISIBILITY LIMIT, UPPER = 586., LOWER = 449. METERS
LIQUID WATER CONTENT = .12248 GM/M3
PARTICLE COUNT = 30.42 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 33
FOR DATA STARTING 1:20 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

7	1290	2929	4095	4383	3993	3596	3262
3028	2897	2129	984	449	195	95	50

EXTINCTION COEFFICIENT = .235E-02 PER METER
VISIBILITY LIMIT, UPPER = 1666., LOWER = 1276. METERS
LIQUID WATER CONTENT = .00687 GM/M3
PARTICLE COUNT = 22.25 PER CC

DATA FOR CHANNELS 17 THRU 32

47	40	660	390	420	690	810	750
63	75	68	36	59	45	46	46

EXTINCTION COEFFICIENT = .280E-02 PER METER
VISIBILITY LIMIT, UPPER = 1398., LOWER = 1071. METERS
LIQUID WATER CONTENT = .02548 GM/M3
PARTICLE COUNT = 2.83 PER CC

DATA FOR CHANNELS 33 THRU 48

52	48	24	29	26	26	36	30
31	23	26	22	24	9	7	12

EXTINCTION COEFFICIENT = .335E-02 PER METER
VISIBILITY LIMIT, UPPER = 1167., LOWER = 894. METERS
LIQUID WATER CONTENT = .11181 GM/M3
PARTICLE COUNT = .28 PER CC

DATA FOR CHANNELS 49 THRU 64

9	2	1	1	3	0	0	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .647E-03 PER METER
VISIBILITY LIMIT, UPPER = 6044., LOWER = 4629. METERS
LIQUID WATER CONTENT = .04414 GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .915E-02 PER METER
VISIBILITY LIMIT, UPPER = 428., LOWER = 328. METERS
LIQUID WATER CONTENT = .18829 GM/M3
PARTICLE COUNT = 25.38 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 34
FOR DATA STARTING 1:30 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	1198	2842	4090	4620	4164	3700	3343
2955	2887	2050	938	515	229	94	55

EXTINCTION COEFFICIENT = .237E-02 PER METER
VISIBILITY LIMIT, UPPER = 1650., LOWER = 1263. METERS
LIQUID WATER CONTENT = .00694 GM/M3
PARTICLE COUNT = 22.46 PER CC

DATA FOR CHANNELS 17 THRU 32

44	60	46	60	57	61	86	90
103	100	79	73	84	59	51	53

EXTINCTION COEFFICIENT = .112E-02 PER METER
VISIBILITY LIMIT, UPPER = 3482., LOWER = 2667. METERS
LIQUID WATER CONTENT = .01306 GM/M3
PARTICLE COUNT = .74 PER CC

DATA FOR CHANNELS 33 THRU 48

53	33	30	31	29	22	18	17
15	12	13	12	14	5	6	7

EXTINCTION COEFFICIENT = .220E-02 PER METER
VISIBILITY LIMIT, UPPER = 1781., LOWER = 1364. METERS
LIQUID WATER CONTENT = .07005 GM/M3
PARTICLE COUNT = .21 PER CC

DATA FOR CHANNELS 49 THRU 64

4	4	0	1	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .341E-03 PER METER
VISIBILITY LIMIT, UPPER = 11467., LOWER = 8782. METERS
LIQUID WATER CONTENT = .02101 GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .603E-02 PER METER
VISIBILITY LIMIT, UPPER = 649., LOWER = 497. METERS
LIQUID WATER CONTENT = .11106 GM/M3
PARTICLE COUNT = 23.41 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 35
FOR DATA STARTING 1:40 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	1353	3313	5585	6477	5596	4576	3885
3237	3017	2225	1061	477	219	110	80

EXTINCTION COEFFICIENT = .281E-02 PER METER
VISIBILITY LIMIT, UPPER = 1392., LOWER = 1066. METERS
LIQUID WATER CONTENT = .00808 GM/M3
PARTICLE COUNT = 27.47 PER CC

DATA FOR CHANNELS 17 THRU 32

67	58	68	69	82	97	112	136
181	178	198	146	111	92	78	73

EXTINCTION COEFFICIENT = .182E-02 PER METER
VISIBILITY LIMIT, UPPER = 2147., LOWER = 1644. METERS
LIQUID WATER CONTENT = .02113 GM/M3
PARTICLE COUNT = 1.16 PER CC

DATA FOR CHANNELS 33 THRU 48

65	45	41	30	20	19	21	17
13	13	19	19	9	11	10	5

EXTINCTION COEFFICIENT = .249E-02 PER METER
VISIBILITY LIMIT, UPPER = 1573., LOWER = 1204. METERS
LIQUID WATER CONTENT = .08012 GM/M3
PARTICLE COUNT = .24 PER CC

DATA FOR CHANNELS 49 THRU 64

3	4	2	1	3	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .546E-03 PER METER
VISIBILITY LIMIT, UPPER = 7170., LOWER = 5491. METERS
LIQUID WATER CONTENT = .03607 GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .766E-02 PER METER
VISIBILITY LIMIT, UPPER = 510., LOWER = 391. METERS
LIQUID WATER CONTENT = .14540 GM/M3
PARTICLE COUNT = 28.89 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 36
FOR DATA STARTING 1:50 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	1294	2668	4002	4929	4708	4105	3727
3449	3601	2488	1166	579	234	91	51

EXTINCTION COEFFICIENT = .268E-02 PER METER
VISIBILITY LIMIT, UPPER = 1462., LOWER = 1120. METERS
LIQUID WATER CONTENT = .00790 GM/M3
PARTICLE COUNT = 24.73 PER CC

DATA FOR CHANNELS 17 THRU 32

60	55	60	71	78	95	90	102
133	163	135	113	76	48	45	29

EXTINCTION COEFFICIENT = .129E-02 PER METER
VISIBILITY LIMIT, UPPER = 3042., LOWER = 2330. METERS
LIQUID WATER CONTENT = .01423 GM/M3
PARTICLE COUNT = .90 PER CC

DATA FOR CHANNELS 33 THRU 48

27	34	15	10	9	11	10	4
11	11	13	7	7	7	7	4

EXTINCTION COEFFICIENT = .143E-02 PER METER
VISIBILITY LIMIT, UPPER = 2742., LOWER = 2100. METERS
LIQUID WATER CONTENT = .04815 GM/M3
PARTICLE COUNT = .12 PER CC

DATA FOR CHANNELS 49 THRU 64

6	2	2	1	2	2	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .564E-03 PER METER
VISIBILITY LIMIT, UPPER = 6940., LOWER = 5315. METERS
LIQUID WATER CONTENT = .03665 GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .595E-02 PER METER
VISIBILITY LIMIT, UPPER = 657., LOWER = 503. METERS
LIQUID WATER CONTENT = .10693 GM/M3
PARTICLE COUNT = 25.77 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 37
FOR DATA STARTING 2: 0 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	1296	2276	2813	3261	3454	3280	3458
3488	3713	2728	1248	641	264	99	52

EXTINCTION COEFFICIENT = .245E-02 PER METER
VISIBILITY LIMIT, UPPER = 1596., LOWER = 1222. METERS
LIQUID WATER CONTENT = .00745 GM/M3
PARTICLE COUNT = 21.38 PER CC

DATA FOR CHANNELS 17 THRU 32

44	52	49	51	57	74	71	76
67	76	52	42	32	21	19	12

EXTINCTION COEFFICIENT = .658E-03 PER METER
VISIBILITY LIMIT, UPPER = 5948., LOWER = 4555. METERS
LIQUID WATER CONTENT = .00687 GM/M3
PARTICLE COUNT = .53 PER CC

DATA FOR CHANNELS 33 THRU 48

19	21	10	8	8	2	8	2
4	2	4	1	1	2	1	5

EXTINCTION COEFFICIENT = .622E-03 PER METER
VISIBILITY LIMIT, UPPER = 6285., LOWER = 4813. METERS
LIQUID WATER CONTENT = .01997 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 49 THRU 64

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-04 PER METER
VISIBILITY LIMIT, UPPER =121271., LOWER = 92875. METERS
LIQUID WATER CONTENT = .00189 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .376E-02 PER METER
VISIBILITY LIMIT, UPPER = 1039., LOWER = 796. METERS
LIQUID WATER CONTENT = .03618 GM/M3
PARTICLE COUNT = 21.98 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 38
FOR DATA STARTING 2:10 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	1599	2574	2183	2253	2373	2577	2965
3272	3561	2530	1091	536	207	78	31

EXTINCTION COEFFICIENT = .213E-02 PER METER
VISIBILITY LIMIT, UPPER = 1834., LOWER = 1405. METERS
LIQUID WATER CONTENT = .00651 GM/M3
PARTICLE COUNT = 18.55 PER CC

DATA FOR CHANNELS 17 THRU 32

27	24	18	27	33	28	25	17
24	17	11	8	9	8	9	2

EXTINCTION COEFFICIENT = .210E-03 PER METER
VISIBILITY LIMIT, UPPER = 18591., LOWER = 14238. METERS
LIQUID WATER CONTENT = .00211 GM/M3
PARTICLE COUNT = .19 PER CC

DATA FOR CHANNELS 33 THRU 48

3	0	1	5	1	0	0	1
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .551E-04 PER METER
VISIBILITY LIMIT, UPPER = 71030., LOWER = 54398. METERS
LIQUID WATER CONTENT = .00128 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .240E-02 PER METER
VISIBILITY LIMIT, UPPER = 1631., LOWER = 1249. METERS
LIQUID WATER CONTENT = .00990 GM/M3
PARTICLE COUNT = 18.75 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 39
FOR DATA STARTING 2:20 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	1948	3005	2559	2382	2597	2836	3007
3273	3712	2481	1040	501	181	62	26

EXTINCTION COEFFICIENT = .220E-02 PER METER
VISIBILITY LIMIT, UPPER = 1775., LOWER = 1360. METERS
LIQUID WATER CONTENT = .00663 GM/M3
PARTICLE COUNT = 19.74 PER CC

DATA FOR CHANNELS 17 THRU 32

23	11	13	16	14	23	24	16
17	18	19	9	9	3	3	2

EXTINCTION COEFFICIENT = .169E-03 PER METER
VISIBILITY LIMIT, UPPER = 23182., LOWER = 17754. METERS
LIQUID WATER CONTENT = .00169 GM/M3
PARTICLE COUNT = .15 PER CC

DATA FOR CHANNELS 33 THRU 48

2	1	0	0	2	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .188E-04 PER METER
VISIBILITY LIMIT, UPPER =208619., LOWER =159771. METERS
LIQUID WATER CONTENT = .00038 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .239E-02 PER METER
VISIBILITY LIMIT, UPPER = 1636., LOWER = 1253. METERS
LIQUID WATER CONTENT = .00871 GM/M3
PARTICLE COUNT = 19.89 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 40
FOR DATA STARTING 2:30 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	1489	2339	2071	1979	2119	2170	2522
2714	2992	2074	834	472	166	59	28

EXTINCTION COEFFICIENT = .181E-02 PER METER
VISIBILITY LIMIT, UPPER = 2164., LOWER = 1657. METERS
LIQUID WATER CONTENT = .00547 GM/M3
PARTICLE COUNT = 16.02 PER CC

DATA FOR CHANNELS 17 THRU 32

22	18	11	17	25	16	20	17
18	24	9	6	6	4	5	2

EXTINCTION COEFFICIENT = .162E-03 PER METER
VISIBILITY LIMIT, UPPER = 24087., LOWER = 18447. METERS
LIQUID WATER CONTENT = .00161 GM/M3
PARTICLE COUNT = .15 PER CC

DATA FOR CHANNELS 33 THRU 48

4	5	2	1	0	1	0	0
1	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .638E-04 PER METER
VISIBILITY LIMIT, UPPER = 61280., LOWER = 46931. METERS
LIQUID WATER CONTENT = .00148 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

1	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .652E-04 PER METER
VISIBILITY LIMIT, UPPER = 60013., LOWER = 45961. METERS
LIQUID WATER CONTENT = .00386 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .210E-02 PER METER
VISIBILITY LIMIT, UPPER = 1863., LOWER = 1427. METERS
LIQUID WATER CONTENT = .01243 GM/M3
PARTICLE COUNT = 16.18 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 41
FOR DATA STARTING 2:40 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	1618	2473	2116	1928	1944	2009	2129
2223	2483	1715	628	368	130	49	26

EXTINCTION COEFFICIENT = .157E-02 PER METER
VISIBILITY LIMIT, UPPER = 2484., LOWER = 1903. METERS
LIQUID WATER CONTENT = .00468 GM/M3
PARTICLE COUNT = 14.56 PER CC

DATA FOR CHANNELS 17 THRU 32

24	17	14	12	15	23	11	12
14	21	18	4	3	4	1	2

EXTINCTION COEFFICIENT = .139E-03 PER METER
VISIBILITY LIMIT, UPPER = 28131., LOWER = 21544. METERS
LIQUID WATER CONTENT = .00135 GM/M3
PARTICLE COUNT = .13 PER CC

DATA FOR CHANNELS 33 THRU 48

2	1	2	2	0	0	0	0
0	2	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .589E-04 PER METER
VISIBILITY LIMIT, UPPER = 66439., LOWER = 50883. METERS
LIQUID WATER CONTENT = .00168 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-04 PER METER
VISIBILITY LIMIT, UPPER =140040., LOWER =107249. METERS
LIQUID WATER CONTENT = .00152 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .180E-02 PER METER
VISIBILITY LIMIT, UPPER = 2173., LOWER = 1664. METERS
LIQUID WATER CONTENT = .00923 GM/M3
PARTICLE COUNT = 14.70 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 42
FOR DATA STARTING 2:50 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	1534	2529	2072	1825	1824	1984	2019
2276	2491	1631	704	319	129	44	34

EXTINCTION COEFFICIENT = .155E-02 PER METER
VISIBILITY LIMIT, UPPER = 2526., LOWER = 1934. METERS
LIQUID WATER CONTENT = .00462 GM/M3
PARTICLE COUNT = 14.28 PER CC

DATA FOR CHANNELS 17 THRU 32

14	17	18	12	14	19	13	12
12	16	10	3	3	1	1	0

EXTINCTION COEFFICIENT = .108E-03 PER METER
VISIBILITY LIMIT, UPPER = 36104., LOWER = 27650. METERS
LIQUID WATER CONTENT = .00099 GM/M3
PARTICLE COUNT = .11 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	3	1	0	0	0	0
1	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .345E-04 PER METER
VISIBILITY LIMIT, UPPER =113334., LOWER = 86797. METERS
LIQUID WATER CONTENT = .00092 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .169E-02 PER METER
VISIBILITY LIMIT, UPPER = 2312., LOWER = 1771. METERS
LIQUID WATER CONTENT = .00653 GM/M3
PARTICLE COUNT = 14.39 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 43
FOR DATA STARTING 3: 0 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	1684	2230	1521	1118	1013	1037	1178
1151	1172	675	254	113	38	15	7

EXTINCTION COEFFICIENT = .840E-03 PER METER
VISIBILITY LIMIT, UPPER = 4656., LOWER = 3566. METERS
LIQUID WATER CONTENT = .00236 GM/M3
PARTICLE COUNT = 8.80 PER CC

DATA FOR CHANNELS 17 THRU 32

11	13	8	7	11	7	9	13
3	8	4	7	3	1	4	0

EXTINCTION COEFFICIENT = .786E-04 PER METER
VISIBILITY LIMIT, UPPER = 49756., LOWER = 38105. METERS
LIQUID WATER CONTENT = .00078 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .118E-04 PER METER
VISIBILITY LIMIT, UPPER =332057., LOWER =254305. METERS
LIQUID WATER CONTENT = .00042 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .931E-03 PER METER
VISIBILITY LIMIT, UPPER = 4204., LOWER = 3219. METERS
LIQUID WATER CONTENT = .00356 GM/M3
PARTICLE COUNT = 8.88 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 44
FOR DATA STARTING 3:10 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	5178	6649	4167	2748	2636	2462	2599
2644	2496	1407	533	241	62	26	20

EXTINCTION COEFFICIENT = .203E-02 PER METER
VISIBILITY LIMIT, UPPER = 1926., LOWER = 1475. METERS
LIQUID WATER CONTENT = .00554 GM/M3
PARTICLE COUNT = 22.58 PER CC

DATA FOR CHANNELS 17 THRU 32

15	12	7	7	10	17	13	16
19	16	17	15	7	7	3	2

EXTINCTION COEFFICIENT = .158E-03 PER METER
VISIBILITY LIMIT, UPPER = 24813., LOWER = 19003. METERS
LIQUID WATER CONTENT = .00167 GM/M3
PARTICLE COUNT = .12 PER CC

DATA FOR CHANNELS 33 THRU 48

2	0	0	1	0	1	1	1
0	0	0	0	0	1	0	0

EXTINCTION COEFFICIENT = .480E-04 PER METER
VISIBILITY LIMIT, UPPER = 81422., LOWER = 62357. METERS
LIQUID WATER CONTENT = .00152 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .224E-02 PER METER
VISIBILITY LIMIT, UPPER = 1749., LOWER = 1340. METERS
LIQUID WATER CONTENT = .00873 GM/M3
PARTICLE COUNT = 22.71 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 45
FOR DATA STARTING 3:20 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	3876	5098	3332	2477	2329	2315	2325
2521	2309	1251	536	226	87	19	20

EXTINCTION COEFFICIENT = .179E-02 PER METER
VISIBILITY LIMIT, UPPER = 2191., LOWER = 1678. METERS
LIQUID WATER CONTENT = .00496 GM/M3
PARTICLE COUNT = 19.15 PER CC

DATA FOR CHANNELS 17 THRU 32

13	11	11	8	14	10	23	19
20	10	12	8	11	5	3	3

EXTINCTION COEFFICIENT = .150E-03 PER METER
VISIBILITY LIMIT, UPPER = 26078., LOWER = 19972. METERS
LIQUID WATER CONTENT = .00157 GM/M3
PARTICLE COUNT = .12 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	2	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .145E-04 PER METER
VISIBILITY LIMIT, UPPER =268891., LOWER =205930. METERS
LIQUID WATER CONTENT = .00029 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .195E-02 PER METER
VISIBILITY LIMIT, UPPER = 2006., LOWER = 1536. METERS
LIQUID WATER CONTENT = .00681 GM/M3
PARTICLE COUNT = 19.27 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 46
FOR DATA STARTING 3:30 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	1346	1934	1767	1608	1519	1580	1610
1682	1718	1104	444	231	107	37	9

EXTINCTION COEFFICIENT = .117E-02 PER METER
VISIBILITY LIMIT, UPPER = 3352., LOWER = 2567. METERS
LIQUID WATER CONTENT = .00342 GM/M3
PARTICLE COUNT = 11.13 PER CC

DATA FOR CHANNELS 17 THRU 32

24	9	10	11	16	13	14	7
12	9	8	4	0	3	1	1

EXTINCTION COEFFICIENT = .927E-04 PER METER
VISIBILITY LIMIT, UPPER = 42184., LOWER = 32307. METERS
LIQUID WATER CONTENT = .00087 GM/M3
PARTICLE COUNT = .09 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	2	0	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .132E-04 PER METER
VISIBILITY LIMIT, UPPER =296603., LOWER =227153. METERS
LIQUID WATER CONTENT = .00029 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .127E-02 PER METER
VISIBILITY LIMIT, UPPER = 3073., LOWER = 2354. METERS
LIQUID WATER CONTENT = .00457 GM/M3
PARTICLE COUNT = 11.23 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 47
FOR DATA STARTING 3:40 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	1031	1810	1620	1516	1447	1464	1516
1595	1733	1207	482	272	119	44	18

EXTINCTION COEFFICIENT = .115E-02 PER METER
VISIBILITY LIMIT, UPPER = 3415., LOWER = 2615. METERS
LIQUID WATER CONTENT = .00341 GM/M3
PARTICLE COUNT = 10.58 PER CC

DATA FOR CHANNELS 17 THRU 32

20	16	13	10	20	10	15	9
12	9	6	6	2	2	1	0

EXTINCTION COEFFICIENT = .963E-04 PER METER
VISIBILITY LIMIT, UPPER = 40624., LOWER = 31112. METERS
LIQUID WATER CONTENT = .00088 GM/M3
PARTICLE COUNT = .10 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	0	2	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .146E-04 PER METER
VISIBILITY LIMIT, UPPER =267470., LOWER =204842. METERS
LIQUID WATER CONTENT = .00029 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .126E-02 PER METER
VISIBILITY LIMIT, UPPER = 3113., LOWER = 2384. METERS
LIQUID WATER CONTENT = .00458 GM/M3
PARTICLE COUNT = 10.69 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 48
FOR DATA STARTING 3:50 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	1132	1795	1552	1449	1319	1257	1258
1145	1166	862	320	196	74	26	15

EXTINCTION COEFFICIENT = .916E-03 PER METER
VISIBILITY LIMIT, UPPER = 4269., LOWER = 3270. METERS
LIQUID WATER CONTENT = .00265 GM/M3
PARTICLE COUNT = 9.04 PER CC

DATA FOR CHANNELS 17 THRU 32

13	6	11	10	21	10	17	14
14	5	3	1	1	1	1	3

EXTINCTION COEFFICIENT = .872E-04 PER METER
VISIBILITY LIMIT, UPPER = 44843., LOWER = 34343. METERS
LIQUID WATER CONTENT = .00082 GM/M3
PARTICLE COUNT = .09 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .100E-02 PER METER
VISIBILITY LIMIT, UPPER = 3898., LOWER = 2985. METERS
LIQUID WATER CONTENT = .00347 GM/M3
PARTICLE COUNT = 9.13 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 49
FOR DATA STARTING 4: 0 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	1291	2039	1636	1502	1270	1186	1039
977	926	659	246	134	55	27	14

EXTINCTION COEFFICIENT = .826E-03 PER METER
VISIBILITY LIMIT, UPPER = 4736., LOWER = 3627. METERS
LIQUID WATER CONTENT = .00232 GM/M3
PARTICLE COUNT = 8.67 PER CC

DATA FOR CHANNELS 17 THRU 32

16	19	10	6	15	14	12	10
9	7	10	13	1	2	1	3

EXTINCTION COEFFICIENT = .107E-03 PER METER
VISIBILITY LIMIT, UPPER = 36516., LOWER = 27966. METERS
LIQUID WATER CONTENT = .00107 GM/M3
PARTICLE COUNT = .10 PER CC

DATA FOR CHANNELS 33 THRU 48

2	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .131E-04 PER METER
VISIBILITY LIMIT, UPPER =298228., LOWER =228398. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .946E-03 PER METER
VISIBILITY LIMIT, UPPER = 4135., LOWER = 3166. METERS
LIQUID WATER CONTENT = .00363 GM/M3
PARTICLE COUNT = 8.77 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 50
FOR DATA STARTING 4:10 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

81	1624	2479	2127	1818	1632	1431	1449
1436	1322	980	360	205	70	24	25

EXTINCTION COEFFICIENT = .111E-02 PER METER
VISIBILITY LIMIT, UPPER = 3522., LOWER = 2697. METERS
LIQUID WATER CONTENT = .00316 GM/M3
PARTICLE COUNT = 11.38 PER CC

DATA FOR CHANNELS 17 THRU 32

17	8	9	8	8	8	6	15
14	13	5	5	2	6	2	0

EXTINCTION COEFFICIENT = .947E-04 PER METER
VISIBILITY LIMIT, UPPER = 41307., LOWER = 31635. METERS
LIQUID WATER CONTENT = .00095 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	1	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .130E-04 PER METER
VISIBILITY LIMIT, UPPER =300992., LOWER =230514. METERS
LIQUID WATER CONTENT = .00028 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .122E-02 PER METER
VISIBILITY LIMIT, UPPER = 3210., LOWER = 2459. METERS
LIQUID WATER CONTENT = .00438 GM/M3
PARTICLE COUNT = 11.46 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 51
FOR DATA STARTING 4:20 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	1525	2366	1926	1815	1690	1676	1691
1676	1796	1214	449	278	84	30	19

EXTINCTION COEFFICIENT = .125E-02 PER METER
VISIBILITY LIMIT, UPPER = 3121., LOWER = 2390. METERS
LIQUID WATER CONTENT = .00365 GM/M3
PARTICLE COUNT = 12.16 PER CC

DATA FOR CHANNELS 17 THRU 32

14	14	9	8	7	18	13	8
10	18	5	4	2	4	1	2

EXTINCTION COEFFICIENT = .996E-04 PER METER
VISIBILITY LIMIT, UPPER = 39258., LOWER = 30065. METERS
LIQUID WATER CONTENT = .00098 GM/M3
PARTICLE COUNT = .09 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	1	0	0	0
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .218E-04 PER METER
VISIBILITY LIMIT, UPPER =179454., LOWER =137434. METERS
LIQUID WATER CONTENT = .00069 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .138E-02 PER METER
VISIBILITY LIMIT, UPPER = 2845., LOWER = 2179. METERS
LIQUID WATER CONTENT = .00532 GM/M3
PARTICLE COUNT = 12.25 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 52
FOR DATA STARTING 4:30 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	1758	2772	2159	2022	2026	2100	2353
2628	2684	1807	700	319	108	48	24

EXTINCTION COEFFICIENT = .169E-02 PER METER
VISIBILITY LIMIT, UPPER = 2316., LOWER = 1774. METERS
LIQUID WATER CONTENT = .00501 GM/M3
PARTICLE COUNT = 15.67 PER CC

DATA FOR CHANNELS 17 THRU 32

14	14	18	16	15	19	16	16
15	16	16	8	7	1	3	2

EXTINCTION COEFFICIENT = .146E-03 PER METER
VISIBILITY LIMIT, UPPER = 26704., LOWER = 20452. METERS
LIQUID WATER CONTENT = .00145 GM/M3
PARTICLE COUNT = .13 PER CC

DATA FOR CHANNELS 33 THRU 48

6	4	0	2	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .383E-04 PER METER
VISIBILITY LIMIT, UPPER =102204., LOWER = 78273. METERS
LIQUID WATER CONTENT = .00071 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .187E-02 PER METER
VISIBILITY LIMIT, UPPER = 2087., LOWER = 1599. METERS
LIQUID WATER CONTENT = .00717 GM/M3
PARTICLE COUNT = 15.81 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 53
FOR DATA STARTING 4:40 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	2054	3211	2365	1992	1991	1948	2029
2209	2416	1500	574	273	106	33	19

EXTINCTION COEFFICIENT = .156E-02 PER METER
VISIBILITY LIMIT, UPPER = 2514., LOWER = 1925. METERS
LIQUID WATER CONTENT = .00452 GM/M3
PARTICLE COUNT = 15.15 PER CC

DATA FOR CHANNELS 17 THRU 32

9	18	10	9	8	22	19	10
12	16	13	7	2	1	1	1

EXTINCTION COEFFICIENT = .114E-03 PER METER
VISIBILITY LIMIT, UPPER = 34311., LOWER = 26277. METERS
LIQUID WATER CONTENT = .00109 GM/M3
PARTICLE COUNT = .11 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	1	0	0	0	0	0	1

EXTINCTION COEFFICIENT = .376E-04 PER METER
VISIBILITY LIMIT, UPPER =103988., LOWER = 79639. METERS
LIQUID WATER CONTENT = .00162 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .171E-02 PER METER
VISIBILITY LIMIT, UPPER = 2291., LOWER = 1754. METERS
LIQUID WATER CONTENT = .00723 GM/M3
PARTICLE COUNT = 15.25 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 54
FOR DATA STARTING 4:50 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	2324	3448	2628	2420	3719	2481	2677
2855	2950	2034	743	359	115	46	21

EXTINCTION COEFFICIENT = .201E-02 PER METER
VISIBILITY LIMIT, UPPER = 1950., LOWER = 1493. METERS
LIQUID WATER CONTENT = .00585 GM/M3
PARTICLE COUNT = 19.22 PER CC

DATA FOR CHANNELS 17 THRU 32

26	11	15	9	10	7	12	13
12	9	5	7	4	4	0	2

EXTINCTION COEFFICIENT = .101E-03 PER METER
VISIBILITY LIMIT, UPPER = 38826., LOWER = 29735. METERS
LIQUID WATER CONTENT = .00098 GM/M3
PARTICLE COUNT = .10 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	1	0	0	0	0
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .211E-04 PER METER
VISIBILITY LIMIT, UPPER =185108., LOWER =141765. METERS
LIQUID WATER CONTENT = .00067 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .213E-02 PER METER
VISIBILITY LIMIT, UPPER = 1838., LOWER = 1408. METERS
LIQUID WATER CONTENT = .00750 GM/M3
PARTICLE COUNT = 19.31 PER CC

NEPHELOMETER DATA

SERIES # CTS= 1, TEST # 55
FOR DATA STARTING 5: 0 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	3900	5834	3726	2674	2701	2790	2899
3094	3102	1955	698	292	119	42	23

EXTINCTION COEFFICIENT = .220E-02 PER METER
VISIBILITY LIMIT, UPPER = 1781., LOWER = 1364. METERS
LIQUID WATER CONTENT = .00623 GM/M3
PARTICLE COUNT = 22.57 PER CC

DATA FOR CHANNELS 17 THRU 32

19	17	14	13	23	16	17	19
15	13	11	11	5	4	2	2

EXTINCTION COEFFICIENT = .147E-03 PER METER
VISIBILITY LIMIT, UPPER = 26681., LOWER = 20433. METERS
LIQUID WATER CONTENT = .00145 GM/M3
PARTICLE COUNT = .13 PER CC

DATA FOR CHANNELS 33 THRU 48

3	2	!	0	2	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .285E-04 PER METER
VISIBILITY LIMIT, UPPER =137270., LOWER =105128. METERS
LIQUID WATER CONTENT = .00057 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .237E-02 PER METER
VISIBILITY LIMIT, UPPER = 1650., LOWER = 1264. METERS
LIQUID WATER CONTENT = .00824 GM/M3
PARTICLE COUNT = 22.71 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 56
FOR DATA STARTING 5:10 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	5968	7918	4791	3005	2905	2883	2969
2919	2714	1461	580	225	72	31	26

EXTINCTION COEFFICIENT = .228E-02 PER METER
VISIBILITY LIMIT, UPPER = 1719., LOWER = 1316. METERS
LIQUID WATER CONTENT = .00617 GM/M3
PARTICLE COUNT = 25.65 PER CC

DATA FOR CHANNELS 17 THRU 32

17	14	11	4	16	12	10	20
15	18	14	18	7	5	3	1

EXTINCTION COEFFICIENT = .153E-03 PER METER
VISIBILITY LIMIT, UPPER = 25526., LOWER = 19549. METERS
LIQUID WATER CONTENT = .00159 GM/M3
PARTICLE COUNT = .12 PER CC

DATA FOR CHANNELS 33 THRU 48

3	4	2	1	0	0	1	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .473E-04 PER METER
VISIBILITY LIMIT, UPPER = 82672., LOWER = 63314. METERS
LIQUID WATER CONTENT = .00102 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .248E-02 PER METER
VISIBILITY LIMIT, UPPER = 1580., LOWER = 1210. METERS
LIQUID WATER CONTENT = .00878 GM/M3
PARTICLE COUNT = 25.78 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 57
FOR DATA STARTING 5:20 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	1944	3014	2312	2208	2160	2282	2547
2677	2823	1808	715	320	131	35	20

EXTINCTION COEFFICIENT = .178E-02 PER METER
VISIBILITY LIMIT, UPPER = 2203., LOWER = 1687. METERS
LIQUID WATER CONTENT = .00523 GM/M3
PARTICLE COUNT = 16.67 PER CC

DATA FOR CHANNELS 17 THRU 32

18	14	24	9	10	20	18	11
7	9	9	4	3	1	2	2

EXTINCTION COEFFICIENT = .106E-03 PER METER
VISIBILITY LIMIT, UPPER = 36858., LOWER = 28228. METERS
LIQUID WATER CONTENT = .00100 GM/M3
PARTICLE COUNT = .11 PER CC

DATA FOR CHANNELS 33 THRU 48

1	2	1	0	0	0	0	0
2	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .306E-04 PER METER
VISIBILITY LIMIT, UPPER =127664., LOWER = 97771. METERS
LIQUID WATER CONTENT = .00078 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .191E-02 PER METER
VISIBILITY LIMIT, UPPER = 2045., LOWER = 1566. METERS
LIQUID WATER CONTENT = .00702 GM/M3
PARTICLE COUNT = 16.78 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 58
FOR DATA STARTING 5:30 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	1591	2465	2017	1865	1829	1794	1913
1961	2055	1386	545	266	75	48	13

EXTINCTION COEFFICIENT = .138E-02 PER METER
VISIBILITY LIMIT, UPPER = 2830., LOWER = 2167. METERS
LIQUID WATER CONTENT = .00404 GM/M3
PARTICLE COUNT = 13.22 PER CC

DATA FOR CHANNELS 17 THRU 32

12	24	14	11	12	11	14	11
8	11	4	3	3	3	1	2

EXTINCTION COEFFICIENT = .952E-04 PER METER
VISIBILITY LIMIT, UPPER = 41090., LOWER = 31469. METERS
LIQUID WATER CONTENT = .00091 GM/M3
PARTICLE COUNT = .10 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	1	0	0	0	0	0
0	0	0	0	0	0	0	1

EXTINCTION COEFFICIENT = .307E-04 PER METER
VISIBILITY LIMIT, UPPER =127381., LOWER = 97554. METERS
LIQUID WATER CONTENT = .00135 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .151E-02 PER METER
VISIBILITY LIMIT, UPPER = 2594., LOWER = 1986. METERS
LIQUID WATER CONTENT = .00630 GM/M3
PARTICLE COUNT = 13.31 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 59
FOR DATA STARTING 5:40 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	2151	3293	2476	2005	2021	2050	2152
2125	2232	1454	528	256	96	44	26

EXTINCTION COEFFICIENT = .155E-02 PER METER
VISIBILITY LIMIT, UPPER = 2529., LOWER = 1936. METERS
LIQUID WATER CONTENT = .00447 GM/M3
PARTICLE COUNT = 15.27 PER CC

DATA FOR CHANNELS 17 THRU 32

19	13	18	13	7	7	13	8
13	7	13	13	0	3	5	1

EXTINCTION COEFFICIENT = .114E-03 PER METER
VISIBILITY LIMIT, UPPER = 34309., LOWER = 26276. METERS
LIQUID WATER CONTENT = .00116 GM/M3
PARTICLE COUNT = .10 PER CC

DATA FOR CHANNELS 33 THRU 48

0	2	0	0	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .114E-04 PER METER
VISIBILITY LIMIT, UPPER =342507., LOWER =262309. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .167E-02 PER METER
VISIBILITY LIMIT, UPPER = 2339., LOWER = 1791. METERS
LIQUID WATER CONTENT = .00586 GM/M3
PARTICLE COUNT = 15.38 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 60
FOR DATA STARTING 5:50 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	2257	3308	2421	2076	2047	2117	2365
2405	2459	1653	696	296	103	36	17

EXTINCTION COEFFICIENT = .167E-02 PER METER
VISIBILITY LIMIT, UPPER = 2339., LOWER = 1791. METERS
LIQUID WATER CONTENT = .00487 GM/M3
PARTICLE COUNT = 16.17 PER CC

DATA FOR CHANNELS 17 THRU 32

20	17	15	11	6	9	14	19
11	7	9	11	9	2	0	1

EXTINCTION COEFFICIENT = .116E-03 PER METER
VISIBILITY LIMIT, UPPER = 33726., LOWER = 25829. METERS
LIQUID WATER CONTENT = .00114 GM/M3
PARTICLE COUNT = .11 PER CC

DATA FOR CHANNELS 33 THRU 48

2	2	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .120E-04 PER METER
VISIBILITY LIMIT, UPPER =324877., LOWER =248807. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .180E-02 PER METER
VISIBILITY LIMIT, UPPER = 2173., LOWER = 1664. METERS
LIQUID WATER CONTENT = .00623 GM/M3
PARTICLE COUNT = 16.28 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 61
FOR DATA STARTING 61 0 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

6	6038	7875	4699	2941	2655	2465	2497
2385	2219	1300	482	199	73	20	27

EXTINCTION COEFFICIENT = .206E-02 PER METER
VISIBILITY LIMIT, UPPER = 1903., LOWER = 1458. METERS
LIQUID WATER CONTENT = .00549 GM/M3
PARTICLE COUNT = 23.92 PER CC

DATA FOR CHANNELS 17 THRU 32

15	7	11	10	9	7	11	25
12	12	12	16	14	9	2	1

EXTINCTION COEFFICIENT = .153E-03 PER METER
VISIBILITY LIMIT, UPPER = 25491., LOWER = 19522. METERS
LIQUID WATER CONTENT = .00165 GM/M3
PARTICLE COUNT = .12 PER CC

DATA FOR CHANNELS 33 THRU 48

3	0	1	1	0	1	0	0
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .358E-04 PER METER
VISIBILITY LIMIT, UPPER =109418., LOWER = 83798. METERS
LIQUID WATER CONTENT = .00097 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .224E-02 PER METER
VISIBILITY LIMIT, UPPER = 1743., LOWER = 1335. METERS
LIQUID WATER CONTENT = .00811 GM/M3
PARTICLE COUNT = 24.04 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 62
FOR DATA STARTING 6:10 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	2217	3319	2396	1983	1785	1732	1632
1530	1532	972	429	195	74	23	19

EXTINCTION COEFFICIENT = .126E-02 PER METER
VISIBILITY LIMIT, UPPER = 3111., LOWER = 2383. METERS
LIQUID WATER CONTENT = .00352 GM/M3
PARTICLE COUNT = 13.23 PER CC

DATA FOR CHANNELS 17 THRU 32

16	21	10	11	10	14	6	3
9	5	4	9	2	0	2	0

EXTINCTION COEFFICIENT = .763E-04 PER METER
VISIBILITY LIMIT, UPPER = 51248., LOWER = 39248. METERS
LIQUID WATER CONTENT = .00071 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	1	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .138E-04 PER METER
VISIBILITY LIMIT, UPPER =284179., LOWER =217638. METERS
LIQUID WATER CONTENT = .00031 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .135E-02 PER METER
VISIBILITY LIMIT, UPPER = 2903., LOWER = 2223. METERS
LIQUID WATER CONTENT = .00454 GM/M3
PARTICLE COUNT = 13.31 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 63
FOR DATA STARTING 6:20 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	2736	4154	2920	2143	1850	1637	1645
1608	1579	1033	453	214	89	43	13

EXTINCTION COEFFICIENT = .136E-02 PER METER
VISIBILITY LIMIT, UPPER = 2866., LOWER = 2195. METERS
LIQUID WATER CONTENT = .00379 GM/M3
PARTICLE COUNT = 14.75 PER CC

DATA FOR CHANNELS 17 THRU 32

15	15	7	6	9	10	13	8
16	6	4	3	4	2	1	2

EXTINCTION COEFFICIENT = .851E-04 PER METER
VISIBILITY LIMIT, UPPER = 45981., LOWER = 35214. METERS
LIQUID WATER CONTENT = .00083 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .820E-05 PER METER
VISIBILITY LIMIT, UPPER =477360., LOWER =365585. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .146E-02 PER METER
VISIBILITY LIMIT, UPPER = 2683., LOWER = 2055. METERS
LIQUID WATER CONTENT = .00480 GM/M3
PARTICLE COUNT = 14.83 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 64
FOR DATA STARTING 6:30 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	7288	10804	7127	4056	2468	1788	1616
1559	1515	1172	527	266	87	37	22

EXTINCTION COEFFICIENT = .210E-02 PER METER
VISIBILITY LIMIT, UPPER = 1860., LOWER = 1424. METERS
LIQUID WATER CONTENT = .00537 GM/M3
PARTICLE COUNT = 26.89 PER CC

DATA FOR CHANNELS 17 THRU 32

11	23	11	11	11	9	15	8
9	8	6	0	0	0	2	1

EXTINCTION COEFFICIENT = .758E-04 PER METER
VISIBILITY LIMIT, UPPER = 51594., LOWER = 39514. METERS
LIQUID WATER CONTENT = .00068 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .430E-05 PER METER
VISIBILITY LIMIT, UPPER =909219., LOWER =696324. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .218E-02 PER METER
VISIBILITY LIMIT, UPPER = 1792., LOWER = 1372. METERS
LIQUID WATER CONTENT = .00614 GM/M3
PARTICLE COUNT = 26.97 PER CC

NEPHELOMETER DATA

SERIES # CTS= 1, TEST # 65
FOR DATA STARTING 6140 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	7534	13434	10667	6329	3454	1995	1527
1427	1556	1459	854	401	144	42	27

EXTINCTION COEFFICIENT = .264E-02 PER METER
VISIBILITY LIMIT, UPPER = 1480., LOWER = 1134. METERS
LIQUID WATER CONTENT = .00673 GM/M3
PARTICLE COUNT = 33.90 PER CC

DATA FOR CHANNELS 17 THRU 32

23	13	14	12	12	10	7	5
6	9	4	6	3	1	2	0

EXTINCTION COEFFICIENT = .793E-04 PER METER
VISIBILITY LIMIT, UPPER = 49359., LOWER = 37801. METERS
LIQUID WATER CONTENT = .00073 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	2	0	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .192E-04 PER METER
VISIBILITY LIMIT, UPPER =203643., LOWER =155960. METERS
LIQUID WATER CONTENT = .00040 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .274E-02 PER METER
VISIBILITY LIMIT, UPPER = 1427., LOWER = 1093. METERS
LIQUID WATER CONTENT = .00786 GM/M3
PARTICLE COUNT = 33.99 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 66
FOR DATA STARTING 6150 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	1196	2710	2494	1775	1234	876	915
868	1318	1788	1046	510	201	82	26

EXTINCTION COEFFICIENT = .124E-02 PER METER
VISIBILITY LIMIT, UPPER = 3158., LOWER = 2419. METERS
LIQUID WATER CONTENT = .00380 GM/M3
PARTICLE COUNT = 11.36 PER CC

DATA FOR CHANNELS 17 THRU 32

18	18	10	10	12	8	15	7
12	2	6	6	2	0	2	2

EXTINCTION COEFFICIENT = .848E-04 PER METER
VISIBILITY LIMIT, UPPER = 46146., LOWER = 35341. METERS
LIQUID WATER CONTENT = .00081 GM/M3
PARTICLE COUNT = .09 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	1	2	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .209E-04 PER METER
VISIBILITY LIMIT, UPPER =187512., LOWER =143605. METERS
LIQUID WATER CONTENT = .00045 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .134E-02 PER METER
VISIBILITY LIMIT, UPPER = 2910., LOWER = 2229. METERS
LIQUID WATER CONTENT = .00505 GM/M3
PARTICLE COUNT = 11.45 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 67
FOR DATA STARTING 71 0 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	2	5	13	190	486	733	976
1218	1881	4855	2713	1157	396	122	43

EXTINCTION COEFFICIENT = .169E-02 PER METER
VISIBILITY LIMIT, UPPER = 2312., LOWER = 1770. METERS
LIQUID WATER CONTENT = .00605 GM/M3
PARTICLE COUNT = 9.86 PER CC

DATA FOR CHANNELS 17 THRU 32

26	21	13	7	17	14	17	10
11	17	15	5	6	4	1	1

EXTINCTION COEFFICIENT = .130E-03 PER METER
VISIBILITY LIMIT, UPPER = 30080., LOWER = 23037. METERS
LIQUID WATER CONTENT = .00126 GM/M3
PARTICLE COUNT = .12 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .182E-02 PER METER
VISIBILITY LIMIT, UPPER = 2147., LOWER = 1644. METERS
LIQUID WATER CONTENT = .00732 GM/M3
PARTICLE COUNT = 9.98 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 68
FOR DATA STARTING 7:10 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

14	18	41	36	286	1262	2355	3426
3768	10676	28321	15539	6526	2059	546	135

EXTINCTION COEFFICIENT = .893E-02 PER METER
VISIBILITY LIMIT, UPPER = 438., LOWER = 335. METERS
LIQUID WATER CONTENT = .03236 GM/M3
PARTICLE COUNT = 50.01 PER CC

DATA FOR CHANNELS 17 THRU 32

34	21	12	10	15	13	19	9
8	9	4	10	2	3	1	1

EXTINCTION COEFFICIENT = .107E-03 PER METER
VISIBILITY LIMIT, UPPER = 36518., LOWER = 27967. METERS
LIQUID WATER CONTENT = .00099 GM/M3
PARTICLE COUNT = .11 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER =1212427, LOWER =928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .904E-02 PER METER
VISIBILITY LIMIT, UPPER = 433., LOWER = 331. METERS
LIQUID WATER CONTENT = .03342 GM/M3
PARTICLE COUNT = 50.12 PER CC

NEPHELOMETER DATA

SERIES # CTS- 1, TEST # 69
FOR DATA STARTING 7:20 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

133	371	397	475	654	2049	6074	13971
23010	32767	32767	32767	21787	6481	1467	234

EXTINCTION COEFFICIENT = .317E-01 PER METER
VISIBILITY LIMIT, UPPER = 124., LOWER = 95. METERS
LIQUID WATER CONTENT = .11334 GM/M3
PARTICLE COUNT = 181.69 PER CC

DATA FOR CHANNELS 17 THRU 32

38	21	7	6	11	18	14	13
15	12	11	7	4	3	2	2

EXTINCTION COEFFICIENT = .126E-03 PER METER
VISIBILITY LIMIT, UPPER = 30960., LOWER = 23710. METERS
LIQUID WATER CONTENT = .00123 GM/M3
PARTICLE COUNT = .12 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	2	1	1	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .276E-04 PER METER
VISIBILITY LIMIT, UPPER =141737., LOWER =108549. METERS
LIQUID WATER CONTENT = .00063 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-04 PER METER
VISIBILITY LIMIT, UPPER =121271., LOWER = 92875. METERS
LIQUID WATER CONTENT = .00189 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .319E-01 PER METER
VISIBILITY LIMIT, UPPER = 123., LOWER = 94. METERS
LIQUID WATER CONTENT = .11709 GM/M3
PARTICLE COUNT = 181.82 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 1
FOR DATA STARTING 20: 0 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	6854	10620	6558	3865	2967	2034	1510
1164	1002	710	267	130	58	17	9

EXTINCTION COEFFICIENT = .187E-02 PER METER
VISIBILITY LIMIT, UPPER = 2087., LOWER = 1599. METERS
LIQUID WATER CONTENT = .00459 GM/M3
PARTICLE COUNT = 25.18 PER CC

DATA FOR CHANNELS 17 THRU 32

7	14	12	7	5	1	0	0
0	0	1	1	0	0	0	0

EXTINCTION COEFFICIENT = .196E-04 PER METER
VISIBILITY LIMIT, UPPER =200029., LOWER =153192. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .189E-02 PER METER
VISIBILITY LIMIT, UPPER = 2066., LOWER = 1582. METERS
LIQUID WATER CONTENT = .00473 GM/M3
PARTICLE COUNT = 25.21 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 2
FOR DATA STARTING 20:10 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	9062	13775	8211	4450	3067	2061	1524
1097	950	743	267	87	39	18	13

EXTINCTION COEFFICIENT = .216E-02 PER METER
VISIBILITY LIMIT, UPPER = 1815., LOWER = 1390. METERS
LIQUID WATER CONTENT = .00514 GM/M3
PARTICLE COUNT = 30.24 PER CC

DATA FOR CHANNELS 17 THRU 32

12	12	11	2	4	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .148E-04 PER METER
VISIBILITY LIMIT, UPPER =263659., LOWER =201923. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .217E-02 PER METER
VISIBILITY LIMIT, UPPER = 1802., LOWER = 1380. METERS
LIQUID WATER CONTENT = .00523 GM/M3
PARTICLE COUNT = 30.27 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 3
FOR DATA STARTING 20:20 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	7084	10275	5748	3638	2568	1738	1274
958	859	583	189	103	33	21	18

EXTINCTION COEFFICIENT = .170E-02 PER METER
VISIBILITY LIMIT, UPPER = 2304., LOWER = 1765. METERS
LIQUID WATER CONTENT = .00410 GM/M3
PARTICLE COUNT = 23.39 PER CC

DATA FOR CHANNELS 17 THRU 32

7	12	10	3	3	2	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .135E-04 PER METER
VISIBILITY LIMIT, UPPER =290085., LOWER =222161. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .171E-02 PER METER
VISIBILITY LIMIT, UPPER = 2286., LOWER = 1751. METERS
LIQUID WATER CONTENT = .00419 GM/M3
PARTICLE COUNT = 23.42 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 4
FOR DATA STARTING 20130 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	8701	12149	6900	3758	2533	1650	1093
879	701	512	174	76	36	12	9

EXTINCTION COEFFICIENT = .181E-02 PER METER
VISIBILITY LIMIT, UPPER = 2158., LOWER = 1653. METERS
LIQUID WATER CONTENT = .00425 GM/M3
PARTICLE COUNT = 26.12 PER CC

DATA FOR CHANNELS 17 THRU 32

10	8	11	3	1	4	1	0
0	0	1	0	1	0	0	0

EXTINCTION COEFFICIENT = .170E-04 PER METER
VISIBILITY LIMIT, UPPER =230495., LOWER =176524. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .136E-04 PER METER
VISIBILITY LIMIT, UPPER =287554., LOWER =220223. METERS
LIQUID WATER CONTENT = .00052 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .184E-02 PER METER
VISIBILITY LIMIT, UPPER = 2123., LOWER = 1626. METERS
LIQUID WATER CONTENT = .00489 GM/M3
PARTICLE COUNT = 26.15 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 5
FOR DATA STARTING 20:40 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	5470	6976	4161	2658	1964	1281	965
753	627	369	135	66	25	14	10

EXTINCTION COEFFICIENT = .123E-02 PER METER
VISIBILITY LIMIT, UPPER = 3175., LOWER = 2432. METERS
LIQUID WATER CONTENT = .00297 GM/M3
PARTICLE COUNT = 16.98 PER CC

DATA FOR CHANNELS 17 THRU 32

6	10	6	4	4	1	0	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .124E-04 PER METER
VISIBILITY LIMIT, UPPER =314370., LOWER =240760. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .124E-02 PER METER
VISIBILITY LIMIT, UPPER = 3143., LOWER = 2407. METERS
LIQUID WATER CONTENT = .00305 GM/M3
PARTICLE COUNT = 17.00 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 6
FOR DATA STARTING 20:50 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	4974	6551	3891	2498	1857	1176	931
746	650	409	122	63	33	11	13

EXTINCTION COEFFICIENT = .117E-02 PER METER
VISIBILITY LIMIT, UPPER = 3342., LOWER = 2559. METERS
LIQUID WATER CONTENT = .00285 GM/M3
PARTICLE COUNT = 15.95 PER CC

DATA FOR CHANNELS 17 THRU 32

19	14	12	5	3	0	0	0
0	0	0	0	0	0	0	1

EXTINCTION COEFFICIENT = .204E-04 PER METER
VISIBILITY LIMIT, UPPER =192114., LOWER =147130. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .119E-02 PER METER
VISIBILITY LIMIT, UPPER = 3284., LOWER = 2515. METERS
LIQUID WATER CONTENT = .00299 GM/M3
PARTICLE COUNT = 15.99 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 7
FOR DATA STARTING 21: 0 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	3803	4648	3002	2246	1704	1071	874
682	597	356	113	61	23	14	12

EXTINCTION COEFFICIENT = .971E-03 PER METER
VISIBILITY LIMIT, UPPER = 4030., LOWER = 3086. METERS
LIQUID WATER CONTENT = .00240 GM/M3
PARTICLE COUNT = 12.81 PER CC

DATA FOR CHANNELS 17 THRU 32

9	8	7	10	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .120E-04 PER METER
VISIBILITY LIMIT, UPPER =325740., LOWER =249468. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .983E-03 PER METER
VISIBILITY LIMIT, UPPER = 3980., LOWER = 3048. METERS
LIQUID WATER CONTENT = .00248 GM/M3
PARTICLE COUNT = 12.83 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 8
FOR DATA STARTING 21:10 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	2295	2919	2135	1701	1175	918	749
618	507	293	123	55	24	7	12

EXTINCTION COEFFICIENT = .720E-03 PER METER
VISIBILITY LIMIT, UPPER = 5433., LOWER = 4161. METERS
LIQUID WATER CONTENT = .00183 GM/M3
PARTICLE COUNT = 9.02 PER CC

DATA FOR CHANNELS 17 THRU 32

13	12	9	9	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .152E-04 PER METER
VISIBILITY LIMIT, UPPER =256855., LOWER =196712. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .735E-03 PER METER
VISIBILITY LIMIT, UPPER = 5321., LOWER = 4075. METERS
LIQUID WATER CONTENT = .00193 GM/M3
PARTICLE COUNT = 9.05 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 9
FOR DATA STARTING 21:20 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	2586	3246	2412	1880	1384	1038	815
718	569	345	112	53	24	11	10

EXTINCTION COEFFICIENT = .807E-03 PER METER
VISIBILITY LIMIT, UPPER = 4846., LOWER = 3711. METERS
LIQUID WATER CONTENT = .00205 GM/M3
PARTICLE COUNT = 10.14 PER CC

DATA FOR CHANNELS 17 THRU 32

10	8	12	9	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .137E-04 PER METER
VISIBILITY LIMIT, UPPER =285088., LOWER =218334. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .821E-03 PER METER
VISIBILITY LIMIT, UPPER = 4765., LOWER = 3649. METERS
LIQUID WATER CONTENT = .00214 GM/M3
PARTICLE COUNT = 10.16 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 10
FOR DATA STARTING 21:30 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	3076	3555	2500	1895	1450	1034	739
686	534	310	98	55	17	6	18

EXTINCTION COEFFICIENT = .824E-03 PER METER
VISIBILITY LIMIT, UPPER = 4745., LOWER = 3634. METERS
LIQUID WATER CONTENT = .00206 GM/M3
PARTICLE COUNT = 10.65 PER CC

DATA FOR CHANNELS 17 THRU 32

13	11	15	2	1	0	0	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .150E-04 PER METER
VISIBILITY LIMIT, UPPER =260541., LOWER =199535. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .839E-03 PER METER
VISIBILITY LIMIT, UPPER = 4660., LOWER = 3569. METERS
LIQUID WATER CONTENT = .00216 GM/M3
PARTICLE COUNT = 10.68 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 11
FOR DATA STARTING 21:40 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	1078	1482	1390	1292	983	696	580
536	456	270	117	62	22	13	9

EXTINCTION COEFFICIENT = .521E-03 PER METER
VISIBILITY LIMIT, UPPER = 7503., LOWER = 5746. METERS
LIQUID WATER CONTENT = .00139 GM/M3
PARTICLE COUNT = 5.99 PER CC

DATA FOR CHANNELS 17 THRU 32

9	8	1	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .590E-05 PER METER
VISIBILITY LIMIT, UPPER =663025., LOWER =507776. METERS
LIQUID WATER CONTENT = .00003 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .527E-03 PER METER
VISIBILITY LIMIT, UPPER = 7419., LOWER = 5682. METERS
LIQUID WATER CONTENT = .00142 GM/M3
PARTICLE COUNT = 6.00 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 12
FOR DATA STARTING 21:50 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	990	1413	1352	1277	871	657	496
466	459	242	102	44	22	14	17

EXTINCTION COEFFICIENT = .486E-03 PER METER
VISIBILITY LIMIT, UPPER = 8044., LOWER = 6161. METERS
LIQUID WATER CONTENT = .00130 GM/M3
PARTICLE COUNT = 5.62 PER CC

DATA FOR CHANNELS 17 THRU 32

16	7	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .710E-05 PER METER
VISIBILITY LIMIT, UPPER =550714., LOWER =421764. METERS
LIQUID WATER CONTENT = .00004 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .493E-03 PER METER
VISIBILITY LIMIT, UPPER = 7929., LOWER = 6072. METERS
LIQUID WATER CONTENT = .00134 GM/M3
PARTICLE COUNT = 5.63 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 13
FOR DATA STARTING 22: 0 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	1368	1647	1503	1362	1025	729	597
502	438	238	105	49	32	13	17

EXTINCTION COEFFICIENT = .543E-03 PER METER
VISIBILITY LIMIT, UPPER = 7208., LOWER = 5520. METERS
LIQUID WATER CONTENT = .00143 GM/M3
PARTICLE COUNT = 6.42 PER CC

DATA FOR CHANNELS 17 THRU 32

8	13	9	2	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .106E-04 PER METER
VISIBILITY LIMIT, UPPER =367454., LOWER =281414. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .553E-03 PER METER
VISIBILITY LIMIT, UPPER = 7069., LOWER = 5414. METERS
LIQUID WATER CONTENT = .00149 GM/M3
PARTICLE COUNT = 6.44 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 14
FOR DATA STARTING 22:10 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	1459	1723	1556	1373	1050	738	621
482	481	243	104	48	23	17	11

EXTINCTION COEFFICIENT = .556E-03 PER METER
VISIBILITY LIMIT, UPPER = 7039., LOWER = 5391. METERS
LIQUID WATER CONTENT = .00146 GM/M3
PARTICLE COUNT = 6.62 PER CC

DATA FOR CHANNELS 17 THRU 32

14	10	7	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .102E-04 PER METER
VISIBILITY LIMIT, UPPER =384313., LOWER =294326. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .566E-03 PER METER
VISIBILITY LIMIT, UPPER = 6913., LOWER = 5294. METERS
LIQUID WATER CONTENT = .00151 GM/M3
PARTICLE COUNT = 6.64 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 15
FOR DATA STARTING 22:20 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	1573	1940	1621	1307	954	757	567
557	439	282	106	47	15	12	16

EXTINCTION COEFFICIENT = .564E-03 PER METER
VISIBILITY LIMIT, UPPER = 6930., LOWER = 5308. METERS
LIQUID WATER CONTENT = .00147 GM/M3
PARTICLE COUNT = 6.80 PER CC

DATA FOR CHANNELS 17 THRU 32

16	11	11	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .121E-04 PER METER
VISIBILITY LIMIT, UPPER =322739., LOWER =247169. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .577E-03 PER METER
VISIBILITY LIMIT, UPPER = 6785., LOWER = 5196. METERS
LIQUID WATER CONTENT = .00154 GM/M3
PARTICLE COUNT = 6.82 PER CC

NEPHELOMETER DATA

SERIES # CTS= 2, TEST # 16
FOR DATA STARTING 22:30 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	1551	1995	1556	1237	948	631	523
491	456	264	110	43	31	20	6

EXTINCTION COEFFICIENT = .543E-03 PER METER
VISIBILITY LIMIT, UPPER = 7201., LOWER = 5515. METERS
LIQUID WATER CONTENT = .00142 GM/M3
PARTICLE COUNT = 6.57 PER CC

DATA FOR CHANNELS 17 THRU 32

11	10	2	2	0	1	0	0
0	0	0	0	0	0	1	0

EXTINCTION COEFFICIENT = .106E-04 PER METER
VISIBILITY LIMIT, UPPER =369861., LOWER =283257. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .554E-03 PER METER
VISIBILITY LIMIT, UPPER = 7064., LOWER = 5410. METERS
LIQUID WATER CONTENT = .00150 GM/M3
PARTICLE COUNT = 6.59 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 17
FOR DATA STARTING 22:40 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	1927	2573	1841	1547	1201	767	574
513	428	264	103	48	29	9	8

EXTINCTION COEFFICIENT = .629E-03 PER METER
VISIBILITY LIMIT, UPPER = 6221., LOWER = 4764. METERS
LIQUID WATER CONTENT = .00160 GM/M3
PARTICLE COUNT = 7.89 PER CC

DATA FOR CHANNELS 17 THRU 32

16	9	11	2	0	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .130E-04 PER METER
VISIBILITY LIMIT, UPPER =300942., LOWER =230476. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .642E-03 PER METER
VISIBILITY LIMIT, UPPER = 6095., LOWER = 4667. METERS
LIQUID WATER CONTENT = .00168 GM/M3
PARTICLE COUNT = 7.92 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 18
FOR DATA STARTING 22:50 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	2265	2624	1985	1701	1213	876	650
544	485	257	111	67	29	8	17

EXTINCTION COEFFICIENT = .683E-03 PER METER
VISIBILITY LIMIT, UPPER = 5728., LOWER = 4386. METERS
LIQUID WATER CONTENT = .00174 GM/M3
PARTICLE COUNT = 8.56 PER CC

DATA FOR CHANNELS 17 THRU 32

10	6	8	3	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .900E-05 PER METER
VISIBILITY LIMIT, UPPER =434486., LOWER =332751. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .692E-03 PER METER
VISIBILITY LIMIT, UPPER = 5653., LOWER = 4329. METERS
LIQUID WATER CONTENT = .00180 GM/M3
PARTICLE COUNT = 8.57 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 19
FOR DATA STARTING 23: 0 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	2443	2882	2195	1802	1243	879	606
548	485	269	89	68	27	12	10

EXTINCTION COEFFICIENT = .709E-03 PER METER
VISIBILITY LIMIT, UPPER = 5520., LOWER = 4227. METERS
LIQUID WATER CONTENT = .00179 GM/M3
PARTICLE COUNT = 9.04 PER CC

DATA FOR CHANNELS 17 THRU 32

14	16	8	7	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .156E-04 PER METER
VISIBILITY LIMIT, UPPER =251294., LOWER =192453. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .724E-03 PER METER
VISIBILITY LIMIT, UPPER = 5401., LOWER = 4137. METERS
LIQUID WATER CONTENT = .00188 GM/M3
PARTICLE COUNT = 9.07 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 20
FOR DATA STARTING 23:10 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	1950	2556	2043	1765	1271	774	578
499	428	258	90	52	21	13	7

EXTINCTION COEFFICIENT = .649E-03 PER METER
VISIBILITY LIMIT, UPPER = 6025., LOWER = 4614. METERS
LIQUID WATER CONTENT = .00164 GM/M3
PARTICLE COUNT = 8.20 PER CC

DATA FOR CHANNELS 17 THRU 32

11	15	5	2	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .106E-04 PER METER
VISIBILITY LIMIT, UPPER =367689., LOWER =281594. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .660E-03 PER METER
VISIBILITY LIMIT, UPPER = 5928., LOWER = 4540. METERS
LIQUID WATER CONTENT = .00170 GM/M3
PARTICLE COUNT = 8.23 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 21
FOR DATA STARTING 23:20 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	2331	2857	2114	1792	1177	820	671
506	449	271	88	49	18	16	9

EXTINCTION COEFFICIENT = .686E-03 PER METER
VISIBILITY LIMIT, UPPER = 5702., LOWER = 4367. METERS
LIQUID WATER CONTENT = .00173 GM/M3
PARTICLE COUNT = 8.78 PER CC

DATA FOR CHANNELS 17 THRU 32

17	15	11	2	3	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .160E-04 PER METER
VISIBILITY LIMIT, UPPER =243840., LOWER =186745. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .702E-03 PER METER
VISIBILITY LIMIT, UPPER = 5572., LOWER = 4267. METERS
LIQUID WATER CONTENT = .00182 GM/M3
PARTICLE COUNT = 8.81 PER CC

AD-A032 869 ARMY ELECTRONICS COMMAND WHITE SANDS MISSILE RANGE N--ETC F/G 4/1
ATMOSPHERIC WATERDROP SIZE DISTRIBUTION AT CAPISTRANO TEST SITE--ETC(U)
SEP 75 D H DICKSON, R B LOVELAND, W H HATCH

UNCLASSIFIED ECOM-DR-75-3-VOL-2 NL

2 OF 4
AD
A032869



NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 22
FOR DATA STARTING 23130 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	2587	3198	2210	1756	1234	852	685
595	497	284	101	56	25	18	7

EXTINCTION COEFFICIENT = .734E-03 PER METER
VISIBILITY LIMIT, UPPER = 5328., LOWER = 4080. METERS
LIQUID WATER CONTENT = .00185 GM/M3
PARTICLE COUNT = 9.40 PER CC

DATA FOR CHANNELS 17 THRU 32

10	7	8	3	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .933E-05 PER METER
VISIBILITY LIMIT, UPPER =419451., LOWER =321236. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .744E-03 PER METER
VISIBILITY LIMIT, UPPER = 5261., LOWER = 4029. METERS
LIQUID WATER CONTENT = .00191 GM/M3
PARTICLE COUNT = 9.42 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 23
FOR DATA STARTING 23:40 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	3402	4280	2750	2133	1586	936	696
511	458	300	101	60	28	8	13

EXTINCTION COEFFICIENT = .854E-03 PER METER
VISIBILITY LIMIT, UPPER = 4581., LOWER = 3508. METERS
LIQUID WATER CONTENT = .00209 GM/M3
PARTICLE COUNT = 11.45 PER CC

DATA FOR CHANNELS 17 THRU 32

11	8	10	6	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .125E-04 PER METER
VISIBILITY LIMIT, UPPER =313912., LOWER =240489. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .867E-03 PER METER
VISIBILITY LIMIT, UPPER = 4515., LOWER = 3458. METERS
LIQUID WATER CONTENT = .00217 GM/M3
PARTICLE COUNT = 11.47 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 24
FOR DATA STARTING 23150 ON 17/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	4542	5648	3204	2242	1692	1032	720
552	460	295	104	54	22	12	13

EXTINCTION COEFFICIENT = .990E-03 PER METER
VISIBILITY LIMIT, UPPER = 3952., LOWER = 3026. METERS
LIQUID WATER CONTENT = .00238 GM/M3
PARTICLE COUNT = 13.73 PER CC

DATA FOR CHANNELS 17 THRU 32

9	9	8	13	2	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .156E-04 PER METER
VISIBILITY LIMIT, UPPER =251351., LOWER =192497. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .101E-02 PER METER
VISIBILITY LIMIT, UPPER = 3890., LOWER = 2979. METERS
LIQUID WATER CONTENT = .00248 GM/M3
PARTICLE COUNT = 13.76 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 25
FOR DATA STARTING 01 0 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	4983	6411	3588	2395	1777	1026	726
572	499	276	91	43	23	19	8

EXTINCTION COEFFICIENT = .106E-02 PER METER
VISIBILITY LIMIT, UPPER = 3683., LOWER = 2821. METERS
LIQUID WATER CONTENT = .00253 GM/M3
PARTICLE COUNT = 14.96 PER CC

DATA FOR CHANNELS 17 THRU 32

13	13	10	8	5	2	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .186E-04 PER METER
VISIBILITY LIMIT, UPPER =209972., LOWER =160807. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .102E-04 PER METER
VISIBILITY LIMIT, UPPER =383448., LOWER =293663. METERS
LIQUID WATER CONTENT = .00034 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .109E-02 PER METER
VISIBILITY LIMIT, UPPER = 3586., LOWER = 2746. METERS
LIQUID WATER CONTENT = .00298 GM/M3
PARTICLE COUNT = 14.99 PER CC

NEPHELOMETER DATA

SERIES # CTS= 2, TEST # 26
FOR DATA STARTING 0110 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	5585	6828	3669	2273	1749	1091	779
553	460	335	90	52	22	16	9

EXTINCTION COEFFICIENT = .111E-02 PER METER
VISIBILITY LIMIT, UPPER = 3539., LOWER = 2710. METERS
LIQUID WATER CONTENT = .00262 GM/M3
PARTICLE COUNT = 15.69 PER CC

DATA FOR CHANNELS 17 THRU 32

9	11	6	5	4	1	1	1
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .153E-04 PER METER
VISIBILITY LIMIT, UPPER =255242., LOWER =195476. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .112E-02 PER METER
VISIBILITY LIMIT, UPPER = 3491., LOWER = 2673. METERS
LIQUID WATER CONTENT = .00272 GM/M3
PARTICLE COUNT = 15.71 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 27
FOR DATA STARTING 0120 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	6533	8257	4409	2663	1846	1159	809
615	461	282	115	53	27	14	5

EXTINCTION COEFFICIENT = .125E-02 PER METER
VISIBILITY LIMIT, UPPER = 3122., LOWER = 2391. METERS
LIQUID WATER CONTENT = .00293 GM/M3
PARTICLE COUNT = 18.17 PER CC

DATA FOR CHANNELS 17 THRU 32

14	9	7	8	5	3	1	1
0	0	0	0	0	0	1	0

EXTINCTION COEFFICIENT = .206E-04 PER METER
VISIBILITY LIMIT, UPPER =189914., LOWER =145446. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .127E-02 PER METER
VISIBILITY LIMIT, UPPER = 3071., LOWER = 2352. METERS
LIQUID WATER CONTENT = .00308 GM/M3
PARTICLE COUNT = 18.20 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 28
FOR DATA STARTING 0130 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	7671	9456	4978	2818	2049	1276	854
589	510	300	95	51	17	9	6

EXTINCTION COEFFICIENT = .139E-02 PER METER
VISIBILITY LIMIT, UPPER = 2816., LOWER = 2157. METERS
LIQUID WATER CONTENT = .00321 GM/M3
PARTICLE COUNT = 20.46 PER CC

DATA FOR CHANNELS 17 THRU 32

8	11	8	9	3	1	0	1
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .165E-04 PER METER
VISIBILITY LIMIT, UPPER =237219., LOWER =181674. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .141E-02 PER METER
VISIBILITY LIMIT, UPPER = 2783., LOWER = 2132. METERS
LIQUID WATER CONTENT = .00332 GM/M3
PARTICLE COUNT = 20.48 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 29
FOR DATA STARTING 0:40 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	8133	9830	5185	2807	2006	1210	823
592	474	259	83	40	23	15	11

EXTINCTION COEFFICIENT = .141E-02 PER METER
VISIBILITY LIMIT, UPPER = 2777., LOWER = 2127. METERS
LIQUID WATER CONTENT = .00323 GM/M3
PARTICLE COUNT = 20.99 PER CC

DATA FOR CHANNELS 17 THRU 32

11	11	7	3	3	1	0	3
0	2	2	1	0	0	0	0

EXTINCTION COEFFICIENT = .206E-04 PER METER
VISIBILITY LIMIT, UPPER =189506., LOWER =145133. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .143E-02 PER METER
VISIBILITY LIMIT, UPPER = 2737., LOWER = 2096. METERS
LIQUID WATER CONTENT = .00339 GM/M3
PARTICLE COUNT = 21.02 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 30
FOR DATA STARTING 0:50 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	5678	6451	3783	2374	1750	1035	736
526	457	253	91	43	25	14	14

EXTINCTION COEFFICIENT = .108E-02 PER METER
VISIBILITY LIMIT, UPPER = 3612., LOWER = 2766. METERS
LIQUID WATER CONTENT = .00255 GM/M3
PARTICLE COUNT = 15.49 PER CC

DATA FOR CHANNELS 17 THRU 32

11	4	8	6	4	1	0	1
1	1	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .163E-04 PER METER
VISIBILITY LIMIT, UPPER =239437., LOWER =183372. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .110E-02 PER METER
VISIBILITY LIMIT, UPPER = 3558., LOWER = 2725. METERS
LIQUID WATER CONTENT = .00267 GM/M3
PARTICLE COUNT = 15.51 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 31
FOR DATA STARTING 11 0 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	4976	5559	3144	1805	1231	825	553
443	332	194	87	35	25	15	15

EXTINCTION COEFFICIENT = .883E-03 PER METER
VISIBILITY LIMIT, UPPER = 4433., LOWER = 3395. METERS
LIQUID WATER CONTENT = .00207 GM/M3
PARTICLE COUNT = 12.82 PER CC

DATA FOR CHANNELS 17 THRU 32

18	10	12	4	11	4	6	5
7	8	5	5	2	1	1	1

EXTINCTION COEFFICIENT = .565E-04 PER METER
VISIBILITY LIMIT, UPPER = 58797., LOWER = 45030. METERS
LIQUID WATER CONTENT = .00064 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

1	2	3	1	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .305E-04 PER METER
VISIBILITY LIMIT, UPPER =128409., LOWER = 98342. METERS
LIQUID WATER CONTENT = .00062 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .980E-03 PER METER
VISIBILITY LIMIT, UPPER = 3994., LOWER = 3059. METERS
LIQUID WATER CONTENT = .00333 GM/M3
PARTICLE COUNT = 12.89 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 32
FOR DATA STARTING 1:10 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

6	4085	4556	2582	1425	907	578	409
374	280	197	75	34	18	12	21

EXTINCTION COEFFICIENT = .717E-03 PER METER
VISIBILITY LIMIT, UPPER = 5458., LOWER = 4180. METERS
LIQUID WATER CONTENT = .00169 GM/M3
PARTICLE COUNT = 10.37 PER CC

DATA FOR CHANNELS 17 THRU 32

8	11	7	12	10	9	12	11
7	8	10	7	1	3	3	3

EXTINCTION COEFFICIENT = .963E-04 PER METER
VISIBILITY LIMIT, UPPER = 40630., LOWER = 31117. METERS
LIQUID WATER CONTENT = .00100 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .602E-05 PER METER
VISIBILITY LIMIT, UPPER =649755., LOWER =497614. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .819E-03 PER METER
VISIBILITY LIMIT, UPPER = 4776., LOWER = 3658. METERS
LIQUID WATER CONTENT = .00280 GM/M3
PARTICLE COUNT = 10.46 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 33
FOR DATA STARTING 1:20 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	3664	4201	2383	1422	918	662	513
403	378	195	82	46	11	12	15

EXTINCTION COEFFICIENT = .708E-03 PER METER
VISIBILITY LIMIT, UPPER = 5528., LOWER = 4233. METERS
LIQUID WATER CONTENT = .00170 GM/M3
PARTICLE COUNT = 9.94 PER CC

DATA FOR CHANNELS 17 THRU 32

10	14	9	4	6	7	5	7
4	3	3	4	2	0	0	2

EXTINCTION COEFFICIENT = .516E-04 PER METER
VISIBILITY LIMIT, UPPER = 75793., LOWER = 58046. METERS
LIQUID WATER CONTENT = .00049 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

2	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .559E-05 PER METER
VISIBILITY LIMIT, UPPER =700035., LOWER =536121. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .765E-03 PER METER
VISIBILITY LIMIT, UPPER = 5114., LOWER = 3917. METERS
LIQUID WATER CONTENT = .00229 GM/M3
PARTICLE COUNT = 9.99 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 34
FOR DATA STARTING 1130 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	4528	5413	2986	1659	997	702	518
454	359	186	96	45	19	16	12

EXTINCTION COEFFICIENT = .831E-03 PER METER
VISIBILITY LIMIT, UPPER = 4708., LOWER = 3605. METERS
LIQUID WATER CONTENT = .00196 GM/M3
PARTICLE COUNT = 11.99 PER CC

DATA FOR CHANNELS 17 THRU 32

9	9	11	15	11	4	9	10
5	6	7	4	2	2	1	0

EXTINCTION COEFFICIENT = .705E-04 PER METER
VISIBILITY LIMIT, UPPER = 55526., LOWER = 42524. METERS
LIQUID WATER CONTENT = .00066 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER =1400069, LOWER =1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .904E-03 PER METER
VISIBILITY LIMIT, UPPER = 4326., LOWER = 3313. METERS
LIQUID WATER CONTENT = .00267 GM/M3
PARTICLE COUNT = 12.07 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 35
FOR DATA STARTING 1140 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	3913	4466	2597	1547	1002	660	533
434	396	202	91	40	20	10	14

EXTINCTION COEFFICIENT = .755E-03 PER METER
VISIBILITY LIMIT, UPPER = 5182., LOWER = 3969. METERS
LIQUID WATER CONTENT = .00181 GM/M3
PARTICLE COUNT = 10.63 PER CC

DATA FOR CHANNELS 17 THRU 32

8	9	9	12	8	8	5	15
7	8	10	6	.3	1	1	4

EXTINCTION COEFFICIENT = .896E-04 PER METER
VISIBILITY LIMIT, UPPER = 43652., LOWER = 33431. METERS
LIQUID WATER CONTENT = .00093 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

2	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .122E-04 PER METER
VISIBILITY LIMIT, UPPER =320297., LOWER =245299. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .857E-03 PER METER
VISIBILITY LIMIT, UPPER = 4566., LOWER = 3497. METERS
LIQUID WATER CONTENT = .00301 GM/M3
PARTICLE COUNT = 10.71 PER CC

NEPHELOMETER DATA

SERIES # CTS= 2, TEST # 36
FOR DATA STARTING 1150 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	3365	4103	2361	1409	928	627	529
442	404	234	87	41	27	9	18

EXTINCTION COEFFICIENT = .706E-03 PER METER
VISIBILITY LIMIT, UPPER = 5542., LOWER = 4244. METERS
LIQUID WATER CONTENT = .00172 GM/M3
PARTICLE COUNT = 9.72 PER CC

DATA FOR CHANNELS 17 THRU 32

10	13	7	10	7	6	10	12
11	13	4	2	2	2	0	0

EXTINCTION COEFFICIENT = .738E-04 PER METER
VISIBILITY LIMIT, UPPER = 52988., LOWER = 40581. METERS
LIQUID WATER CONTENT = .00068 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	1	0	1	0	0	1
0	0	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .348E-04 PER METER
VISIBILITY LIMIT, UPPER =112255., LOWER = 85970. METERS
LIQUID WATER CONTENT = .00110 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .815E-03 PER METER
VISIBILITY LIMIT, UPPER = 4802., LOWER = 3678. METERS
LIQUID WATER CONTENT = .00350 GM/M3
PARTICLE COUNT = 9.80 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 37
FOR DATA STARTING 21 0 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	3237	4013	2253	1435	994	705	577
514	405	270	92	44	32	16	10

EXTINCTION COEFFICIENT = .720E-03 PER METER
VISIBILITY LIMIT, UPPER = 5433., LOWER = 4161. METERS
LIQUID WATER CONTENT = .00177 GM/M3
PARTICLE COUNT = 9.73 PER CC

DATA FOR CHANNELS 17 THRU 32

12	13	16	11	8	5	11	12
4	7	9	4	2	0	1	2

EXTINCTION COEFFICIENT = .784E-04 PER METER
VISIBILITY LIMIT, UPPER = 49918., LOWER = 38230. METERS
LIQUID WATER CONTENT = .00075 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	2	1	2	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .245E-04 PER METER
VISIBILITY LIMIT, UPPER =159767., LOWER =122358. METERS
LIQUID WATER CONTENT = .00052 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .823E-03 PER METER
VISIBILITY LIMIT, UPPER = 4754., LOWER = 3641. METERS
LIQUID WATER CONTENT = .00304 GM/M3
PARTICLE COUNT = 9.81 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 38
FOR DATA STARTING 2110 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	2554	3106	1958	1268	946	705	568
463	402	269	109	44	28	15	13

EXTINCTION COEFFICIENT = .635E-03 PER METER
VISIBILITY LIMIT, UPPER = 6157., LOWER = 4715. METERS
LIQUID WATER CONTENT = .00159 GM/M3
PARTICLE COUNT = 8.29 PER CC

DATA FOR CHANNELS 17 THRU 32

12	14	21	5	9	3	5	8
7	6	2	1	0	0	2	0

EXTINCTION COEFFICIENT = .537E-04 PER METER
VISIBILITY LIMIT, UPPER = 72853., LOWER = 55795. METERS
LIQUID WATER CONTENT = .00047 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER =1400069, LOWER =1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .692E-03 PER METER
VISIBILITY LIMIT, UPPER = 5654., LOWER = 4330. METERS
LIQUID WATER CONTENT = .00211 GM/M3
PARTICLE COUNT = 8.36 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 39
FOR DATA STARTING 2120 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	2442	2979	1726	1142	792	585	509
400	358	253	92	48	24	10	12

EXTINCTION COEFFICIENT = .575E-03 PER METER
VISIBILITY LIMIT, UPPER = 6800., LOWER = 5208. METERS
LIQUID WATER CONTENT = .00144 GM/M3
PARTICLE COUNT = 7.58 PER CC

DATA FOR CHANNELS 17 THRU 32

10	13	11	8	7	8	10	6
11	5	3	5	2	0	1	0

EXTINCTION COEFFICIENT = .642E-04 PER METER
VISIBILITY LIMIT, UPPER = 60915., LOWER = 46651. METERS
LIQUID WATER CONTENT = .00059 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .985E-05 PER METER
VISIBILITY LIMIT, UPPER =397078., LOWER =304101. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .649E-03 PER METER
VISIBILITY LIMIT, UPPER = 6024., LOWER = 4614. METERS
LIQUID WATER CONTENT = .00226 GM/M3
PARTICLE COUNT = 7.65 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 40
FOR DATA STARTING 2130 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	4576	5810	3142	1751	1172	830	667
561	517	291	103	39	21	24	14

EXTINCTION COEFFICIENT = .929E-03 PER METER
VISIBILITY LIMIT, UPPER = 4211., LOWER = 3225. METERS
LIQUID WATER CONTENT = .00223 GM/M3
PARTICLE COUNT = 13.01 PER CC

DATA FOR CHANNELS 17 THRU 32

11	12	10	15	11	7	7	8
9	7	5	7	2	1	3	3

EXTINCTION COEFFICIENT = .864E-04 PER METER
VISIBILITY LIMIT, UPPER = 45283., LOWER = 34680. METERS
LIQUID WATER CONTENT = .00088 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

0	2	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .645E-05 PER METER
VISIBILITY LIMIT, UPPER =606214., LOWER =464268. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .102E-02 PER METER
VISIBILITY LIMIT, UPPER = 3828., LOWER = 2932. METERS
LIQUID WATER CONTENT = .00323 GM/M3
PARTICLE COUNT = 13.09 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 41
FOR DATA STARTING 2140 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	5150	6515	3541	2120	1491	1085	849
655	611	338	124	52	28	14	11

EXTINCTION COEFFICIENT = .108E-02 PER METER
VISIBILITY LIMIT, UPPER = 3610., LOWER = 2764. METERS
LIQUID WATER CONTENT = .00261 GM/M3
PARTICLE COUNT = 15.05 PER CC

DATA FOR CHANNELS 17 THRU 32

14	12	12	8	4	1	1	1
2	1	0	0	2	1	0	0

EXTINCTION COEFFICIENT = .274E-04 PER METER
VISIBILITY LIMIT, UPPER =142590., LOWER =109202. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .820E-05 PER METER
VISIBILITY LIMIT, UPPER =477360., LOWER =365585. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .112E-02 PER METER
VISIBILITY LIMIT, UPPER = 3495., LOWER = 2676. METERS
LIQUID WATER CONTENT = .00300 GM/M3
PARTICLE COUNT = 15.09 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 42
FOR DATA STARTING 2150 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

6	9358	12014	6369	2987	1672	1063	822
641	529	302	105	51	26	12	18

EXTINCTION COEFFICIENT = .158E-02 PER METER
VISIBILITY LIMIT, UPPER = 2472., LOWER = 1894. METERS
LIQUID WATER CONTENT = .00360 GM/M3
PARTICLE COUNT = 23.98 PER CC

DATA FOR CHANNELS 17 THRU 32

12	14	9	5	6	3	7	13
13	8	4	5	5	3	1	1

EXTINCTION COEFFICIENT = .817E-04 PER METER
VISIBILITY LIMIT, UPPER = 47910., LOWER = 36692. METERS
LIQUID WATER CONTENT = .00082 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	1	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .108E-04 PER METER
VISIBILITY LIMIT, UPPER =361463., LOWER =276826. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .167E-02 PER METER
VISIBILITY LIMIT, UPPER = 2336., LOWER = 1789. METERS
LIQUID WATER CONTENT = .00463 GM/M3
PARTICLE COUNT = 24.06 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 43
FOR DATA STARTING 3: 0 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

7	11586	15056	8182	3789	2069	1238	853
621	478	309	107	48	30	18	10

EXTINCTION COEFFICIENT = .192E-02 PER METER
VISIBILITY LIMIT, UPPER = 2042., LOWER = 1564. METERS
LIQUID WATER CONTENT = .00429 GM/M3
PARTICLE COUNT = 29.60 PER CC

DATA FOR CHANNELS 17 THRU 32

15	4	7	6	2	7	5	8
7	7	2	3	3	1	0	1

EXTINCTION COEFFICIENT = .538E-04 PER METER
VISIBILITY LIMIT, UPPER = 72664., LOWER = 55649. METERS
LIQUID WATER CONTENT = .00052 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-04 PER METER
VISIBILITY LIMIT, UPPER =140040., LOWER =107249. METERS
LIQUID WATER CONTENT = .00152 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .200E-02 PER METER
VISIBILITY LIMIT, UPPER = 1958., LOWER = 1500. METERS
LIQUID WATER CONTENT = .00633 GM/M3
PARTICLE COUNT = 29.65 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 44
FOR DATA STARTING 3:10 ON 10/ 4/74

DATA FOR CHANNELS 1 THRU 16

14	9763	11701	6630	3507	2424	1557	987
805	607	339	127	48	29	9	14

EXTINCTION COEFFICIENT = .174E-02 PER METER
VISIBILITY LIMIT, UPPER = 2251., LOWER = 1724. METERS
LIQUID WATER CONTENT = .00400 GM/M3
PARTICLE COUNT = 25.71 PER CC

DATA FOR CHANNELS 17 THRU 32

12	10	10	1	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .112E-04 PER METER
VISIBILITY LIMIT, UPPER =348190., LOWER =266661. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .175E-02 PER METER
VISIBILITY LIMIT, UPPER = 2237., LOWER = 1713. METERS
LIQUID WATER CONTENT = .00407 GM/M3
PARTICLE COUNT = 25.73 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 45
FOR DATA STARTING 3:20 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

14	6779	7833	4759	2745	1865	1255	882
657	582	319	144	54	22	8	9

EXTINCTION COEFFICIENT = .130E-02 PER METER
VISIBILITY LIMIT, UPPER = 3006., LOWER = 2302. METERS
LIQUID WATER CONTENT = .00307 GM/M3
PARTICLE COUNT = 18.62 PER CC

DATA FOR CHANNELS 17 THRU 32

6	7	9	2	2	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .981E-05 PER METER
VISIBILITY LIMIT, UPPER =398878., LOWER =305481. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .131E-02 PER METER
VISIBILITY LIMIT, UPPER = 2984., LOWER = 2285. METERS
LIQUID WATER CONTENT = .00313 GM/M3
PARTICLE COUNT = 18.64 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 46
FOR DATA STARTING 3:30 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	6454	7251	4453	2578	1906	1158	887
634	566	286	115	65	21	12	5

EXTINCTION COEFFICIENT = .123E-02 PER METER
VISIBILITY LIMIT, UPPER = 3171., LOWER = 2429. METERS
LIQUID WATER CONTENT = .00291 GM/M3
PARTICLE COUNT = 17.60 PER CC

DATA FOR CHANNELS 17 THRU 32

11	12	13	16	3	0	0	0
0	0	0	0	0	0	0	1

EXTINCTION COEFFICIENT = .226E-04 PER METER
VISIBILITY LIMIT, UPPER =173187., LOWER =132635. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0

EXTINCTION COEFFICIENT = .181E-04 PER METER
VISIBILITY LIMIT, UPPER =215641., LOWER =165149. METERS
LIQUID WATER CONTENT = .00080 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .127E-02 PER METER
VISIBILITY LIMIT, UPPER = 3070., LOWER = 2351. METERS
LIQUID WATER CONTENT = .00387 GM/M3
PARTICLE COUNT = 17.64 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 47
FOR DATA STARTING 3:40 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	5946	7292	4235	2518	1754	1155	829
606	535	337	92	60	19	10	11

EXTINCTION COEFFICIENT = .119E-02 PER METER
VISIBILITY LIMIT, UPPER = 3287., LOWER = 2517. METERS
LIQUID WATER CONTENT = .00281 GM/M3
PARTICLE COUNT = 16.94 PER CC

DATA FOR CHANNELS 17 THRU 32

8	12	16	14	3	1	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .209E-04 PER METER
VISIBILITY LIMIT, UPPER =186939., LOWER =143167. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .121E-02 PER METER
VISIBILITY LIMIT, UPPER = 3230., LOWER = 2474. METERS
LIQUID WATER CONTENT = .00295 GM/M3
PARTICLE COUNT = 16.97 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 48
FOR DATA STARTING 3:50 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	5459	6806	3927	2355	1642	1044	746
596	514	280	106	57	21	20	8

EXTINCTION COEFFICIENT = .111E-02 PER METER
VISIBILITY LIMIT, UPPER = 3530., LOWER = 2704. METERS
LIQUID WATER CONTENT = .00263 GM/M3
PARTICLE COUNT = 15.72 PER CC

DATA FOR CHANNELS 17 THRU 32

13	9	9	13	2	2	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .176E-04 PER METER
VISIBILITY LIMIT, UPPER =221915., LOWER =169954. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .113E-02 PER METER
VISIBILITY LIMIT, UPPER = 3475., LOWER = 2661. METERS
LIQUID WATER CONTENT = .00274 GM/M3
PARTICLE COUNT = 15.75 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 49
FOR DATA STARTING 4: 0 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	6569	7871	4387	2453	1583	1081	748
632	514	345	106	52	29	17	9

EXTINCTION COEFFICIENT = .122E-02 PER METER
VISIBILITY LIMIT, UPPER = 3210., LOWER = 2458. METERS
LIQUID WATER CONTENT = .00286 GM/M3
PARTICLE COUNT = 17.60 PER CC

DATA FOR CHANNELS 17 THRU 32

8	13	9	11	5	0	0	1
1	1	2	0	0	0	0	1

EXTINCTION COEFFICIENT = .245E-04 PER METER
VISIBILITY LIMIT, UPPER =159999., LOWER =122535. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .136E-04 PER METER
VISIBILITY LIMIT, UPPER =287554., LOWER =220223. METERS
LIQUID WATER CONTENT = .00052 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .126E-02 PER METER
VISIBILITY LIMIT, UPPER = 3113., LOWER = 2384. METERS
LIQUID WATER CONTENT = .00358 GM/M3
PARTICLE COUNT = 17.63 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 50
FOR DATA STARTING 4:10 ON 10/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	6509	8461	4519	2387	1568	970	689
538	453	292	109	45	19	17	17

EXTINCTION COEFFICIENT = .121E-02 PER METER
VISIBILITY LIMIT, UPPER = 3241., LOWER = 2482. METERS
LIQUID WATER CONTENT = .00281 GM/M3
PARTICLE COUNT = 17.73 PER CC

DATA FOR CHANNELS 17 THRU 32

11	19	8	9	10	0	4	4
5	5	5	5	3	1	0	0

EXTINCTION COEFFICIENT = .555E-04 PER METER
VISIBILITY LIMIT, UPPER = 70502., LOWER = 53994. METERS
LIQUID WATER CONTENT = .00051 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	1	0	3	0	0	0
0	2	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .575E-04 PER METER
VISIBILITY LIMIT, UPPER = 67988., LOWER = 52068. METERS
LIQUID WATER CONTENT = .00178 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .132E-02 PER METER
VISIBILITY LIMIT, UPPER = 2963., LOWER = 2269. METERS
LIQUID WATER CONTENT = .00510 GM/M3
PARTICLE COUNT = 17.80 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 51
FOR DATA STARTING 4:20 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	9432	12367	6596	3062	1640	1050	718
582	443	263	89	44	16	21	21

EXTINCTION COEFFICIENT = .158E-02 PER METER
VISIBILITY LIMIT, UPPER = 2477., LOWER = 1897. METERS
LIQUID WATER CONTENT = .00356 GM/M3
PARTICLE COUNT = 24.23 PER CC

DATA FOR CHANNELS 17 THRU 32

15	13	8	12	8	9	12	10
8	9	17	5	11	2	3	3

EXTINCTION COEFFICIENT = .119E-03 PER METER
VISIBILITY LIMIT, UPPER = 32921., LOWER = 25213. METERS
LIQUID WATER CONTENT = .00126 GM/M3
PARTICLE COUNT = .10 PER CC

DATA FOR CHANNELS 33 THRU 48

2	0	0	2	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .142E-04 PER METER
VISIBILITY LIMIT, UPPER =275619., LOWER =211083. METERS
LIQUID WATER CONTENT = .00028 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .171E-02 PER METER
VISIBILITY LIMIT, UPPER = 2284., LOWER = 1750. METERS
LIQUID WATER CONTENT = .00510 GM/M3
PARTICLE COUNT = 24.33 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 52
FOR DATA STARTING 4130 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	9234	11581	6042	2975	1705	1145	750
542	451	233	80	43	29	16	14

EXTINCTION COEFFICIENT = .152E-02 PER METER
VISIBILITY LIMIT, UPPER = 2574., LOWER = 1971. METERS
LIQUID WATER CONTENT = .00343 GM/M3
PARTICLE COUNT = 23.23 PER CC

DATA FOR CHANNELS 17 THRU 32

9	10	9	8	9	0	2	1
1	1	1	1	1	1	0	0

EXTINCTION COEFFICIENT = .269E-04 PER METER
VISIBILITY LIMIT, UPPER =145254., LOWER =111242. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .155E-02 PER METER
VISIBILITY LIMIT, UPPER = 2529., LOWER = 1937. METERS
LIQUID WATER CONTENT = .00365 GM/M3
PARTICLE COUNT = 23.26 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 53
FOR DATA STARTING 4:40 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	7955	10223	5318	2748	1723	1007	702
487	417	250	84	36	21	11	10

EXTINCTION COEFFICIENT = .136E-02 PER METER
VISIBILITY LIMIT, UPPER = 2869., LOWER = 2197. METERS
LIQUID WATER CONTENT = .00309 GM/M3
PARTICLE COUNT = 20.66 PER CC

DATA FOR CHANNELS 17 THRU 32

12	15	10	10	4	2	1	1
0	0	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .224E-04 PER METER
VISIBILITY LIMIT, UPPER =174954., LOWER =133989. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .373E-05 PER METER
VISIBILITY LIMIT, UPPER =1049934, LOWER =804091. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .139E-02 PER METER
VISIBILITY LIMIT, UPPER = 2815., LOWER = 2156. METERS
LIQUID WATER CONTENT = .00332 GM/M3
PARTICLE COUNT = 20.70 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 54
FOR DATA STARTING 4:50 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	9689	12778	6633	3229	1963	1248	785
569	445	288	83	33	21	10	10

EXTINCTION COEFFICIENT = .165E-02 PER METER
VISIBILITY LIMIT, UPPER = 2378., LOWER = 1821. METERS
LIQUID WATER CONTENT = .00370 GM/M3
PARTICLE COUNT = 25.19 PER CC

DATA FOR CHANNELS 17 THRU 32

11	10	5	6	3	1	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .135E-04 PER METER
VISIBILITY LIMIT, UPPER =290323., LOWER =222343. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .166E-02 PER METER
VISIBILITY LIMIT, UPPER = 2359., LOWER = 1806. METERS
LIQUID WATER CONTENT = .00379 GM/M3
PARTICLE COUNT = 25.21 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 55
FOR DATA STARTING 5: 0 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	10343	13782	7582	3674	2258	1377	882
647	475	269	104	38	20	15	10

EXTINCTION COEFFICIENT = .181E-02 PER METER
VISIBILITY LIMIT, UPPER = 2159., LOWER = 1654. METERS
LIQUID WATER CONTENT = .00408 GM/M3
PARTICLE COUNT = 27.65 PER CC

DATA FOR CHANNELS 17 THRU 32

16	10	10	1	2	0	1	2
0	3	1	2	0	0	0	1

EXTINCTION COEFFICIENT = .244E-04 PER METER
VISIBILITY LIMIT, UPPER =160169., LOWER =122665. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .602E-05 PER METER
VISIBILITY LIMIT, UPPER =649755., LOWER =497614. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .184E-02 PER METER
VISIBILITY LIMIT, UPPER = 2124., LOWER = 1626. METERS
LIQUID WATER CONTENT = .00440 GM/M3
PARTICLE COUNT = 27.68 PER CC

NEPHELOMETER DATA

SERIES # CT8- 2, TEST # 56
FOR DATA STARTING 5110 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	9300	12602	6578	3107	1768	1026	750
533	439	299	85	47	15	15	17

EXTINCTION COEFFICIENT = .159E-02 PER METER
VISIBILITY LIMIT, UPPER = 2459., LOWER = 1884. METERS
LIQUID WATER CONTENT = .00358 GM/M3
PARTICLE COUNT = 24.39 PER CC

DATA FOR CHANNELS 17 THRU 32

12	11	10	11	3	6	4	4
8	7	5	3	2	2	1	2

EXTINCTION COEFFICIENT = .639E-04 PER METER
VISIBILITY LIMIT, UPPER = 61217., LOWER = 46883. METERS
LIQUID WATER CONTENT = .00064 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

1	2	0	1	0	0	0	1
0	0	0	0	0	0	1	0

EXTINCTION COEFFICIENT = .421E-04 PER METER
VISIBILITY LIMIT, UPPER = 92812., LOWER = 71080. METERS
LIQUID WATER CONTENT = .00147 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .170E-02 PER METER
VISIBILITY LIMIT, UPPER = 2306., LOWER = 1766. METERS
LIQUID WATER CONTENT = .00569 GM/M3
PARTICLE COUNT = 24.45 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 57
FOR DATA STARTING 5:20 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	10932	12980	7215	3263	1658	1015	657
493	359	220	78	43	10	18	12

EXTINCTION COEFFICIENT = .165E-02 PER METER
VISIBILITY LIMIT, UPPER = 2365., LOWER = 1811. METERS
LIQUID WATER CONTENT = .00366 GM/M3
PARTICLE COUNT = 25.97 PER CC

DATA FOR CHANNELS 17 THRU 32

21	13	8	7	3	4	12	10
7	4	8	6	5	4	0	1

EXTINCTION COEFFICIENT = .808E-04 PER METER
VISIBILITY LIMIT, UPPER = 48390., LOWER = 37059. METERS
LIQUID WATER CONTENT = .00081 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	1	0	1	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .191E-04 PER METER
VISIBILITY LIMIT, UPPER =204396., LOWER =156536. METERS
LIQUID WATER CONTENT = .00045 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .175E-02 PER METER
VISIBILITY LIMIT, UPPER = 2230., LOWER = 1708. METERS
LIQUID WATER CONTENT = .00492 GM/M3
PARTICLE COUNT = 26.05 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 58
FOR DATA STARTING 5:30 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	6738	7375	4238	2121	1239	807	587
466	359	194	69	35	11	17	16

EXTINCTION COEFFICIENT = .107E-02 PER METER
VISIBILITY LIMIT, UPPER = 3639., LOWER = 2787. METERS
LIQUID WATER CONTENT = .00246 GM/M3
PARTICLE COUNT = 16.18 PER CC

DATA FOR CHANNELS 17 THRU 32

13	12	12	14	12	10	8	7
5	8	5	11	6	2	1	1

EXTINCTION COEFFICIENT = .914E-04 PER METER
VISIBILITY LIMIT, UPPER = 42811., LOWER = 32787. METERS
LIQUID WATER CONTENT = .00091 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	0	0	1	0	0	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .198E-04 PER METER
VISIBILITY LIMIT, UPPER =197336., LOWER =151129. METERS
LIQUID WATER CONTENT = .00049 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .119E-02 PER METER
VISIBILITY LIMIT, UPPER = 3298., LOWER = 2526. METERS
LIQUID WATER CONTENT = .00386 GM/M3
PARTICLE COUNT = 16.27 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 59
FOR DATA STARTING 5:40 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

7	7183	7938	4391	2280	1328	828	607
468	404	214	96	41	21	13	18

EXTINCTION COEFFICIENT = .115E-02 PER METER
VISIBILITY LIMIT, UPPER = 3413., LOWER = 2614. METERS
LIQUID WATER CONTENT = .00263 GM/M3
PARTICLE COUNT = 17.22 PER CC

DATA FOR CHANNELS 17 THRU 32

13	15	19	11	9	6	8	14
10	13	12	9	6	2	1	1

EXTINCTION COEFFICIENT = .110E-03 PER METER
VISIBILITY LIMIT, UPPER = 35472., LOWER = 27167. METERS
LIQUID WATER CONTENT = .00110 GM/M3
PARTICLE COUNT = .10 PER CC

DATA FOR CHANNELS 33 THRU 48

0	2	0	1	0	0	0	0
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .244E-04 PER METER
VISIBILITY LIMIT, UPPER =160590., LOWER =122988. METERS
LIQUID WATER CONTENT = .00073 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .128E-02 PER METER
VISIBILITY LIMIT, UPPER = 3054., LOWER = 2339. METERS
LIQUID WATER CONTENT = .00445 GM/M3
PARTICLE COUNT = 17.33 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 60
FOR DATA STARTING 5:50 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

17	4730	5272	3016	1684	982	676	514
433	350	174	79	35	22	15	10

EXTINCTION COEFFICIENT = .824E-03 PER METER
VISIBILITY LIMIT, UPPER = 4747., LOWER = 3636. METERS
LIQUID WATER CONTENT = .00193 GM/M3
PARTICLE COUNT = 12.01 PER CC

DATA FOR CHANNELS 17 THRU 32

12	5	19	15	14	6	7	5
8	7	11	1	5	1	1	1

EXTINCTION COEFFICIENT = .801E-04 PER METER
VISIBILITY LIMIT, UPPER = 48844., LOWER = 37407. METERS
LIQUID WATER CONTENT = .00077 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .652E-05 PER METER
VISIBILITY LIMIT, UPPER =599991., LOWER =459503. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .911E-03 PER METER
VISIBILITY LIMIT, UPPER = 4296., LOWER = 3290. METERS
LIQUID WATER CONTENT = .00282 GM/M3
PARTICLE COUNT = 12.09 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 61
FOR DATA STARTING 61 0 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	3151	3588	2196	1318	890	590	451
401	295	165	84	27	19	12	9

EXTINCTION COEFFICIENT = .629E-03 PER METER
VISIBILITY LIMIT, UPPER = 6218., LOWER = 4762. METERS
LIQUID WATER CONTENT = .00151 GM/M3
PARTICLE COUNT = 8.80 PER CC

DATA FOR CHANNELS 17 THRU 32

11	16	12	12	7	8	11	8
9	7	2	7	0	1	2	0

EXTINCTION COEFFICIENT = .723E-04 PER METER
VISIBILITY LIMIT, UPPER = 54078., LOWER = 41416. METERS
LIQUID WATER CONTENT = .00067 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .975E-05 PER METER
VISIBILITY LIMIT, UPPER =401367., LOWER =307387. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .711E-03 PER METER
VISIBILITY LIMIT, UPPER = 5500., LOWER = 4212. METERS
LIQUID WATER CONTENT = .00236 GM/M3
PARTICLE COUNT = 8.88 PER CC

NEPHELOMETER DATA

SERIES # CTS= 2, TEST # 82
FOR DATA STARTING 6:10 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	4930	5186	3173	1719	1089	723	494
447	380	167	71	46	19	15	15

EXTINCTION COEFFICIENT = .848E-03 PER METER
VISIBILITY LIMIT, UPPER = 4614., LOWER = 3533. METERS
LIQUID WATER CONTENT = .00199 GM/M3
PARTICLE COUNT = 12.32 PER CC

DATA FOR CHANNELS 17 THRU 32

11	14	17	10	5	13	7	8
6	10	6	7	3	2	1	1

EXTINCTION COEFFICIENT = .839E-04 PER METER
VISIBILITY LIMIT, UPPER = 46628., LOWER = 35710. METERS
LIQUID WATER CONTENT = .00081 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	1	0	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .152E-04 PER METER
VISIBILITY LIMIT, UPPER =257706., LOWER =197366. METERS
LIQUID WATER CONTENT = .00037 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .947E-03 PER METER
VISIBILITY LIMIT, UPPER = 4131., LOWER = 3164. METERS
LIQUID WATER CONTENT = .00317 GM/M3
PARTICLE COUNT = 12.40 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 63
FOR DATA STARTING 6120 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

6	4424	5146	3315	1779	1045	702	482
365	311	175	79	42	16	19	24

EXTINCTION COEFFICIENT = .824E-03 PER METER
VISIBILITY LIMIT, UPPER = 4747., LOWER = 3636. METERS
LIQUID WATER CONTENT = .00194 GM/M3
PARTICLE COUNT = 11.95 PER CC

DATA FOR CHANNELS 17 THRU 32

9	12	11	8	3	8	8	5
6	5	2	5	1	1	0	3

EXTINCTION COEFFICIENT = .594E-04 PER METER
VISIBILITY LIMIT, UPPER = 65914., LOWER = 50480. METERS
LIQUID WATER CONTENT = .00059 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .131E-04 PER METER
VISIBILITY LIMIT, UPPER =297775., LOWER =228051. METERS
LIQUID WATER CONTENT = .00036 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .897E-03 PER METER
VISIBILITY LIMIT, UPPER = 4364., LOWER = 3342. METERS
LIQUID WATER CONTENT = .00288 GM/M3
PARTICLE COUNT = 12.01 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 64
FOR DATA STARTING 6:30 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	5462	6553	4224	2269	1263	707	472
342	305	176	80	51	19	16	14

EXTINCTION COEFFICIENT = .982E-03 PER METER
VISIBILITY LIMIT, UPPER = 3984., LOWER = 3051. METERS
LIQUID WATER CONTENT = .00226 GM/M3
PARTICLE COUNT = 14.64 PER CC

DATA FOR CHANNELS 17 THRU 32

15	18	10	5	9	12	5	5
6	4	2	0	0	1	0	1

EXTINCTION COEFFICIENT = .504E-04 PER METER
VISIBILITY LIMIT, UPPER = 77690., LOWER = 59499. METERS
LIQUID WATER CONTENT = .00043 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER =1212427, LOWER =928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .104E-02 PER METER
VISIBILITY LIMIT, UPPER = 3777., LOWER = 2893. METERS
LIQUID WATER CONTENT = .00274 GM/M3
PARTICLE COUNT = 14.70 PER CC

NEPHELOMETER DATA

SERIES # CTS- 2, TEST # 65
FOR DATA STARTING 6:40 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	10745	14371	9969	5237	2513	1208	631
426	288	192	96	43	19	23	14

EXTINCTION COEFFICIENT = .197E-02 PER METER
VISIBILITY LIMIT, UPPER = 1990., LOWER = 1524. METERS
LIQUID WATER CONTENT = .00435 GM/M3
PARTICLE COUNT = 30.52 PER CC

DATA FOR CHANNELS 17 THRU 32

10	18	10	3	6	9	9	12
11	3	4	3	2	1	0	1

EXTINCTION COEFFICIENT = .659E-04 PER METER
VISIBILITY LIMIT, UPPER = 59389., LOWER = 45483. METERS
LIQUID WATER CONTENT = .00061 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	2	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .745E-05 PER METER
VISIBILITY LIMIT, UPPER =524967., LOWER =402045. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .204E-02 PER METER
VISIBILITY LIMIT, UPPER = 1918., LOWER = 1469. METERS
LIQUID WATER CONTENT = .00511 GM/M3
PARTICLE COUNT = 30.59 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 1
FOR DATA STARTING 19:30 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

7	5292	6521	4037	2194	1100	558	328
226	178	135	58	35	16	13	5

EXTINCTION COEFFICIENT = .896E-03 PER METER
VISIBILITY LIMIT, UPPER = 4364., LOWER = 3342. METERS
LIQUID WATER CONTENT = .00201 GM/M3
PARTICLE COUNT = 13.80 PER CC

DATA FOR CHANNELS 17 THRU 32

8	7	3	0	1	0	0	0
0	0	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .768E-05 PER METER
VISIBILITY LIMIT, UPPER =509286., LOWER =390036. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .904E-03 PER METER
VISIBILITY LIMIT, UPPER = 4327., LOWER = 3314. METERS
LIQUID WATER CONTENT = .00206 GM/M3
PARTICLE COUNT = 13.82 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 2
FOR DATA STARTING 19:40 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	2424	2936	1858	1189	672	403	325
256	201	134	58	25	19	17	9

EXTINCTION COEFFICIENT = .497E-03 PER METER
VISIBILITY LIMIT, UPPER = 7871., LOWER = 6028, METERS
LIQUID WATER CONTENT = .00119 GM/M3
PARTICLE COUNT = 7.02 PER CC

DATA FOR CHANNELS 17 THRU 32

13	10	8	3	3	3	1	2
1	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .186E-04 PER METER
VISIBILITY LIMIT, UPPER =210312., LOWER =161067, METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	0	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .869E-05 PER METER
VISIBILITY LIMIT, UPPER =449943., LOWER =344588, METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .524E-03 PER METER
VISIBILITY LIMIT, UPPER = 7461., LOWER = 5714, METERS
LIQUID WATER CONTENT = .00151 GM/M3
PARTICLE COUNT = 7.05 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 3
FOR DATA STARTING 19:50 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

6	3022	3566	2169	1185	751	427	342
257	209	140	51	30	16	11	10

EXTINCTION COEFFICIENT = .560E-03 PER METER
VISIBILITY LIMIT, UPPER = 6981., LOWER = 5347. METERS
LIQUID WATER CONTENT = .00132 GM/M3
PARTICLE COUNT = 8.13 PER CC

DATA FOR CHANNELS 17 THRU 32

9	5	8	4	2	0	0	0
1	0	0	1	0	0	1	0

EXTINCTION COEFFICIENT = .142E-04 PER METER
VISIBILITY LIMIT, UPPER =276161., LOWER =211498. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .575E-03 PER METER
VISIBILITY LIMIT, UPPER = 6809., LOWER = 5215. METERS
LIQUID WATER CONTENT = .00143 GM/M3
PARTICLE COUNT = 8.15 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 4
FOR DATA STARTING 20: 0 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	4674	5998	3390	1835	1023	566	339
284	229	151	51	32	22	14	13

EXTINCTION COEFFICIENT = .822E-03 PER METER
VISIBILITY LIMIT, UPPER = 4758., LOWER = 3644, METERS
LIQUID WATER CONTENT = .00187 GM/M3
PARTICLE COUNT = 12.42 PER CC

DATA FOR CHANNELS 17 THRU 32

13	5	6	8	3	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .130E-04 PER METER
VISIBILITY LIMIT, UPPER =301140., LOWER =230627, METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .835E-03 PER METER
VISIBILITY LIMIT, UPPER = 4684., LOWER = 3587, METERS
LIQUID WATER CONTENT = .00196 GM/M3
PARTICLE COUNT = 12.44 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 5
FOR DATA STARTING 20:10 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	8157	9794	5167	2367	1217	578	390
241	176	145	33	31	22	14	8

EXTINCTION COEFFICIENT = .118E-02 PER METER
VISIBILITY LIMIT, UPPER = 3312., LOWER = 2536. METERS
LIQUID WATER CONTENT = .00258 GM/M3
PARTICLE COUNT = 18.90 PER CC

DATA FOR CHANNELS 17 THRU 32

12	15	9	11	9	4	1	4
1	2	2	2	0	1	1	0

EXTINCTION COEFFICIENT = .387E-04 PER METER
VISIBILITY LIMIT, UPPER =101118., LOWER = 77441. METERS
LIQUID WATER CONTENT = .00033 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .776E-05 PER METER
VISIBILITY LIMIT, UPPER =503953., LOWER =385951. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .123E-02 PER METER
VISIBILITY LIMIT, UPPER = 3187., LOWER = 2440. METERS
LIQUID WATER CONTENT = .00307 GM/M3
PARTICLE COUNT = 18.95 PER CC

NEPHELOMETER DATA

SERIES # CTS= 3, TEST # 6
FOR DATA STARTING 20:20 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

14	5989	7458	3943	1848	983	537	365
271	194	135	43	27	12	9	15

EXTINCTION COEFFICIENT = .931E-03 PER METER
VISIBILITY LIMIT, UPPER = 4203., LOWER = 3219. METERS
LIQUID WATER CONTENT = .00207 GM/M3
PARTICLE COUNT = 14.56 PER CC

DATA FOR CHANNELS 17 THRU 32

12	17	8	14	7	4	3	5
6	2	3	7	0	2	0	0

EXTINCTION COEFFICIENT = .535E-04 PER METER
VISIBILITY LIMIT, UPPER = 73165., LOWER = 56034. METERS
LIQUID WATER CONTENT = .00048 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .602E-05 PER METER
VISIBILITY LIMIT, UPPER =649755., LOWER =497614. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .990E-03 PER METER
VISIBILITY LIMIT, UPPER = 3951., LOWER = 3026. METERS
LIQUID WATER CONTENT = .00266 GM/M3
PARTICLE COUNT = 14.62 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 7
FOR DATA STARTING 20:30 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

8	7147	8929	4621	2173	1138	612	367
276	234	132	57	32	22	18	11

EXTINCTION COEFFICIENT = .109E-02 PER METER
VISIBILITY LIMIT, UPPER = 3589., LOWER = 2748. METERS
LIQUID WATER CONTENT = .00241 GM/M3
PARTICLE COUNT = 17.18 PER CC

DATA FOR CHANNELS 17 THRU 32

12	13	9	13	10	2	2	3
8	3	3	4	1	1	0	3

EXTINCTION COEFFICIENT = .560E-04 PER METER
VISIBILITY LIMIT, UPPER = 69869., LOWER = 53509. METERS
LIQUID WATER CONTENT = .00055 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	1	0	0	0	0	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .167E-04 PER METER
VISIBILITY LIMIT, UPPER =233940., LOWER =179162. METERS
LIQUID WATER CONTENT = .00046 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-04 PER METER
VISIBILITY LIMIT, UPPER =121271., LOWER = 92675. METERS
LIQUID WATER CONTENT = .00189 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .120E-02 PER METER
VISIBILITY LIMIT, UPPER = 3274., LOWER = 2507. METERS
LIQUID WATER CONTENT = .00530 GM/M3
PARTICLE COUNT = 17.24 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 8
FOR DATA STARTING 20:40 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	3572	4498	2264	1334	724	430	343
260	208	146	41	25	11	10	10

EXTINCTION COEFFICIENT = .621E-03 PER METER
VISIBILITY LIMIT, UPPER = 6304., LOWER = 4828. METERS
LIQUID WATER CONTENT = .00143 GM/M3
PARTICLE COUNT = 9.25 PER CC

DATA FOR CHANNELS 17 THRU 32

13	15	5	9	5	0	4	8
1	4	1	2	1	0	0	0

EXTINCTION COEFFICIENT = .359E-04 PER METER
VISIBILITY LIMIT, UPPER =108953., LOWER = 83442. METERS
LIQUID WATER CONTENT = .00030 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	1	1	0	0
2	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .284E-04 PER METER
VISIBILITY LIMIT, UPPER =137865., LOWER =105584. METERS
LIQUID WATER CONTENT = .00080 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .685E-03 PER METER
VISIBILITY LIMIT, UPPER = 5712., LOWER = 4375. METERS
LIQUID WATER CONTENT = .00253 GM/M3
PARTICLE COUNT = 9.30 PER CC

NEPHELOMETER DATA

SERIES # CTS= 3, TEST # 9
FOR DATA STARTING 20150 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	4444	5382	2835	1344	708	441	312
224	175	132	37	42	14	18	9

EXTINCTION COEFFICIENT = .700E-03 PER METER
VISIBILITY LIMIT, UPPER = 5588., LOWER = 4279. METERS
LIQUID WATER CONTENT = .00159 GM/M3
PARTICLE COUNT = 10.75 PER CC

DATA FOR CHANNELS 17 THRU 32

17	9	18	8	8	5	7	5
4	2	4	0	1	0	1	0

EXTINCTION COEFFICIENT = .471E-04 PER METER
VISIBILITY LIMIT, UPPER = 83105., LOWER = 63646. METERS
LIQUID WATER CONTENT = .00039 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0

EXTINCTION COEFFICIENT = .209E-04 PER METER
VISIBILITY LIMIT, UPPER =186740., LOWER =143015. METERS
LIQUID WATER CONTENT = .00099 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .768E-03 PER METER
VISIBILITY LIMIT, UPPER = 5093., LOWER = 3901. METERS
LIQUID WATER CONTENT = .00297 GM/M3
PARTICLE COUNT = 10.81 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 10
FOR DATA STARTING 21: 0 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	6365	7522	3970	1917	858	527	393
289	238	132	49	24	23	9	13

EXTINCTION COEFFICIENT = .951E-03 PER METER
VISIBILITY LIMIT, UPPER = 4111., LOWER = 3149. METERS
LIQUID WATER CONTENT = .00212 GM/M3
PARTICLE COUNT = 14.89 PER CC

DATA FOR CHANNELS 17 THRU 32

11	15	12	13	8	4	6	9
5	5	5	4	3	2	3	0

EXTINCTION COEFFICIENT = .706E-04 PER METER
VISIBILITY LIMIT, UPPER = 55409., LOWER = 42435. METERS
LIQUID WATER CONTENT = .00069 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	1	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .130E-04 PER METER
VISIBILITY LIMIT, UPPER =300992., LOWER =230514. METERS
LIQUID WATER CONTENT = .00028 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .104E-02 PER METER
VISIBILITY LIMIT, UPPER = 3779., LOWER = 2894. METERS
LIQUID WATER CONTENT = .00308 GM/M3
PARTICLE COUNT = 14.96 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 11
FOR DATA STARTING 21:10 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

6	5276	6160	3134	1572	802	474	325
229	185	128	32	24	11	12	7

EXTINCTION COEFFICIENT = .784E-03 PER METER
VISIBILITY LIMIT, UPPER = 4990., LOWER = 3821. METERS
LIQUID WATER CONTENT = .00175 GM/M3
PARTICLE COUNT = 12.25 PER CC

DATA FOR CHANNELS 17 THRU 32

11	10	10	7	4	1	4	4
2	3	2	2	0	0	0	2

EXTINCTION COEFFICIENT = .361E-04 PER METER
VISIBILITY LIMIT, UPPER =108483., LOWER = 83082. METERS
LIQUID WATER CONTENT = .00033 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	2	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .861E-05 PER METER
VISIBILITY LIMIT, UPPER =454609., LOWER =348162. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .829E-03 PER METER
VISIBILITY LIMIT, UPPER = 4721., LOWER = 3615. METERS
LIQUID WATER CONTENT = .00226 GM/M3
PARTICLE COUNT = 12.29 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 12
FOR DATA STARTING 21:20 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

8	7233	9024	4593	2194	1084	592	339
266	213	105	56	28	15	12	17

EXTINCTION COEFFICIENT = .108E-02 PER METER
VISIBILITY LIMIT, UPPER = 3611., LOWER = 2766. METERS
LIQUID WATER CONTENT = .00238 GM/M3
PARTICLE COUNT = 17.19 PER CC

DATA FOR CHANNELS 17 THRU 32

8	5	12	11	6	4	2	7
3	1	2	4	3	2	0	0

EXTINCTION COEFFICIENT = .448E-04 PER METER
VISIBILITY LIMIT, UPPER = 87264., LOWER = 66831. METERS
LIQUID WATER CONTENT = .00042 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	2	0	0	1	0	0	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .203E-04 PER METER
VISIBILITY LIMIT, UPPER =193123., LOWER =147903. METERS
LIQUID WATER CONTENT = .00050 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .115E-02 PER METER
VISIBILITY LIMIT, UPPER = 3407., LOWER = 2609. METERS
LIQUID WATER CONTENT = .00331 GM/M3
PARTICLE COUNT = 17.24 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 13
FOR DATA STARTING 21:30 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

11	5122	6470	3360	1593	820	522	341
270	218	116	41	22	15	10	9

EXTINCTION COEFFICIENT = .814E-03 PER METER
VISIBILITY LIMIT, UPPER = 4804., LOWER = 3679. METERS
LIQUID WATER CONTENT = .00182 GM/M3
PARTICLE COUNT = 12.63 PER CC

DATA FOR CHANNELS 17 THRU 32

7	6	8	11	7	5	4	6
2	3	4	4	5	1	2	4

EXTINCTION COEFFICIENT = .637E-04 PER METER
VISIBILITY LIMIT, UPPER = 61389., LOWER = 47015. METERS
LIQUID WATER CONTENT = .00070 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	1	0	1	0	0	1
0	0	0	0	0	0	1	0

EXTINCTION COEFFICIENT = .405E-04 PER METER
VISIBILITY LIMIT, UPPER = 96543., LOWER = 73938. METERS
LIQUID WATER CONTENT = .00145 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .918E-03 PER METER
VISIBILITY LIMIT, UPPER = 4259., LOWER = 3262. METERS
LIQUID WATER CONTENT = .00397 GM/M3
PARTICLE COUNT = 12.68 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 14
FOR DATA STARTING 21:40 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	3142	3604	2121	1083	635	442	290
255	207	97	45	24	19	9	9

EXTINCTION COEFFICIENT = .541E-03 PER METER
VISIBILITY LIMIT, UPPER = 7225., LOWER = 5533. METERS
LIQUID WATER CONTENT = .00126 GM/M3
PARTICLE COUNT = 7.99 PER CC

DATA FOR CHANNELS 17 THRU 32

6	7	7	8	3	6	7	4
4	3	2	1	0	1	1	0

EXTINCTION COEFFICIENT = .368E-04 PER METER
VISIBILITY LIMIT, UPPER =106174., LOWER = 81313. METERS
LIQUID WATER CONTENT = .00033 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	0	0	0	0	0	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .149E-04 PER METER
VISIBILITY LIMIT, UPPER =263336., LOWER =201675. METERS
LIQUID WATER CONTENT = .00038 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .593E-03 PER METER
VISIBILITY LIMIT, UPPER = 6595., LOWER = 5051. METERS
LIQUID WATER CONTENT = .00197 GM/M3
PARTICLE COUNT = 8.03 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 15
FOR DATA STARTING 21:50 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	1713	2146	1306	835	501	343	249
212	186	86	38	16	19	16	16

EXTINCTION COEFFICIENT = .370E-03 PER METER
VISIBILITY LIMIT, UPPER = 10577., LOWER = 8100. METERS
LIQUID WATER CONTENT = .00090 GM/M3
PARTICLE COUNT = 5.12 PER CC

DATA FOR CHANNELS 17 THRU 32

8	15	13	8	0	5	5	3
6	2	2	2	1	1	1	3

EXTINCTION COEFFICIENT = .490E-04 PER METER
VISIBILITY LIMIT, UPPER = 79829., LOWER = 61137. METERS
LIQUID WATER CONTENT = .00049 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .373E-05 PER METER
VISIBILITY LIMIT, UPPER =1049934, LOWER =804091. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .423E-03 PER METER
VISIBILITY LIMIT, UPPER = 9257., LOWER = 7089. METERS
LIQUID WATER CONTENT = .00146 GM/M3
PARTICLE COUNT = 5.17 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 16
FOR DATA STARTING 22: 0 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	842	978	764	569	386	318	228
191	181	93	46	24	7	14	7

EXTINCTION COEFFICIENT = .248E-03 PER METER
VISIBILITY LIMIT, UPPER = 15787., LOWER = 12090. METERS
LIQUID WATER CONTENT = .00064 GM/M3
PARTICLE COUNT = 3.10 PER CC

DATA FOR CHANNELS 17 THRU 32

9	9	10	5	5	4	3	4
6	2	1	1	1	1	1	0

EXTINCTION COEFFICIENT = .365E-04 PER METER
VISIBILITY LIMIT, UPPER =107203., LOWER = 82101. METERS
LIQUID WATER CONTENT = .00033 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .284E-03 PER METER
VISIBILITY LIMIT, UPPER = 13760., LOWER = 10538. METERS
LIQUID WATER CONTENT = .00096 GM/M3
PARTICLE COUNT = 3.14 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 17
FOR DATA STARTING 22:10 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	806	980	756	496	355	256	225
176	148	88	31	28	15	16	11

EXTINCTION COEFFICIENT = .233E-03 PER METER
VISIBILITY LIMIT, UPPER = 16801., LOWER = 12867. METERS
LIQUID WATER CONTENT = .00060 GM/M3
PARTICLE COUNT = 2.93 PER CC

DATA FOR CHANNELS 17 THRU 32

9	11	7	6	8	1	5	1
4	1	5	4	1	0	0	0

EXTINCTION COEFFICIENT = .373E-04 PER METER
VISIBILITY LIMIT, UPPER =104750., LOWER = 80222. METERS
LIQUID WATER CONTENT = .00033 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .270E-03 PER METER
VISIBILITY LIMIT, UPPER = 14478., LOWER = 11088. METERS
LIQUID WATER CONTENT = .00093 GM/M3
PARTICLE COUNT = 2.97 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 18
FOR DATA STARTING 22:20 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	569	748	543	396	306	245	215
207	162	91	51	23	17	12	13

EXTINCTION COEFFICIENT = .205E-03 PER METER
VISIBILITY LIMIT, UPPER = 19128., LOWER = 14649. METERS
LIQUID WATER CONTENT = .00055 GM/M3
PARTICLE COUNT = 2.40 PER CC

DATA FOR CHANNELS 17 THRU 32

10	7	5	8	5	4	2	6
3	6	2	2	1	2	0	2

EXTINCTION COEFFICIENT = .449E-04 PER METER
VISIBILITY LIMIT, UPPER = 87031., LOWER = 66653. METERS
LIQUID WATER CONTENT = .00045 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .373E-05 PER METER
VISIBILITY LIMIT, UPPER =1049934, LOWER =804091. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .253E-03 PER METER
VISIBILITY LIMIT, UPPER = 15451., LOWER = 11833. METERS
LIQUID WATER CONTENT = .00107 GM/M3
PARTICLE COUNT = 2.44 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 19
FOR DATA STARTING 22:30 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	651	884	631	454	373	261	255
212	186	145	45	23	15	15	14

EXTINCTION COEFFICIENT = .236E-03 PER METER
VISIBILITY LIMIT, UPPER = 16587., LOWER = 12703. METERS
LIQUID WATER CONTENT = .00063 GM/M3
PARTICLE COUNT = 2.78 PER CC

DATA FOR CHANNELS 17 THRU 32

14	8	3	4	3	4	2	2
1	2	0	0	1	1	0	0

EXTINCTION COEFFICIENT = .223E-04 PER METER
VISIBILITY LIMIT, UPPER =175529., LOWER =134429. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .430E-05 PER METER
VISIBILITY LIMIT, UPPER =909219., LOWER =696324. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .262E-03 PER METER
VISIBILITY LIMIT, UPPER = 14906., LOWER = 11416. METERS
LIQUID WATER CONTENT = .00091 GM/M3
PARTICLE COUNT = 2.81 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 20
FOR DATA STARTING 22:40 ON 16/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	1157	1511	930	622	446	323	248
234	188	124	38	23	15	13	19

EXTINCTION COEFFICIENT = .304E-03 PER METER
VISIBILITY LIMIT, UPPER = 12865., LOWER = 9853. METERS
LIQUID WATER CONTENT = .00077 GM/M3
PARTICLE COUNT = 3.93 PER CC

DATA FOR CHANNELS 17 THRU 32

15	17	10	2	6	7	5	8
3	7	3	1	1	1	1	0

EXTINCTION COEFFICIENT = .509E-04 PER METER
VISIBILITY LIMIT, UPPER = 76899., LOWER = 58893. METERS
LIQUID WATER CONTENT = .00045 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .820E-05 PER METER
VISIBILITY LIMIT, UPPER =477360., LOWER =365565. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .363E-03 PER METER
VISIBILITY LIMIT, UPPER = 10773., LOWER = 8250. METERS
LIQUID WATER CONTENT = .00140 GM/M3
PARTICLE COUNT = 3.99 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 21
FOR DATA STARTING 22:50 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	893	1232	786	578	398	346	251
237	163	131	60	28	21	16	14

EXTINCTION COEFFICIENT = .279E-03 PER METER
VISIBILITY LIMIT, UPPER = 14043., LOWER = 10755. METERS
LIQUID WATER CONTENT = .00073 GM/M3
PARTICLE COUNT = 3.44 PER CC

DATA FOR CHANNELS 17 THRU 32

15	12	4	5	1	4	1	5
3	2	4	1	1	2	0	2

EXTINCTION COEFFICIENT = .398E-04 PER METER
VISIBILITY LIMIT, UPPER = 98304., LOWER = 75286. METERS
LIQUID WATER CONTENT = .00040 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

2	0	1	0	0	0	0	1
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .306E-04 PER METER
VISIBILITY LIMIT, UPPER =127971., LOWER = 98006. METERS
LIQUID WATER CONTENT = .00091 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .349E-03 PER METER
VISIBILITY LIMIT, UPPER = 11211., LOWER = 8586. METERS
LIQUID WATER CONTENT = .00203 GM/M3
PARTICLE COUNT = 3.48 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 22
FOR DATA STARTING 23: 0 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	1330	1729	1139	693	489	344	324
233	192	136	50	34	13	14	7

EXTINCTION COEFFICIENT = .342E-03 PER METER
VISIBILITY LIMIT, UPPER = 11438., LOWER = 8760. METERS
LIQUID WATER CONTENT = .00086 GM/M3
PARTICLE COUNT = 4.49 PER CC

DATA FOR CHANNELS 17 THRU 32

10	9	12	1	2	3	6	6
3	0	3	0	0	0	0	0

EXTINCTION COEFFICIENT = .281E-04 PER METER
VISIBILITY LIMIT, UPPER =139359., LOWER =106728. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

2	0	1	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .136E-04 PER METER
VISIBILITY LIMIT, UPPER =287291., LOWER =220022. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .384E-03 PER METER
VISIBILITY LIMIT, UPPER = 10196., LOWER = 7808. METERS
LIQUID WATER CONTENT = .00134 GM/M3
PARTICLE COUNT = 4.53 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 23
FOR DATA STARTING 23:10 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	1794	2244	1305	849	543	376	323
241	203	129	44	28	16	14	10

EXTINCTION COEFFICIENT = .397E-03 PER METER
VISIBILITY LIMIT, UPPER = 9862., LOWER = 7553. METERS
LIQUID WATER CONTENT = .00097 GM/M3
PARTICLE COUNT = 5.41 PER CC

DATA FOR CHANNELS 17 THRU 32

10	8	13	7	6	3	3	4
2	1	1	2	3	3	0	1

EXTINCTION COEFFICIENT = .423E-04 PER METER
VISIBILITY LIMIT, UPPER = 92588., LOWER = 70908. METERS
LIQUID WATER CONTENT = .00041 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

2	0	2	0	0	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .207E-04 PER METER
VISIBILITY LIMIT, UPPER =189068., LOWER =144798. METERS
LIQUID WATER CONTENT = .00046 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .460E-03 PER METER
VISIBILITY LIMIT, UPPER = 8512., LOWER = 6519. METERS
LIQUID WATER CONTENT = .00184 GM/M3
PARTICLE COUNT = 5.46 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 24
FOR DATA STARTING 23:20 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	1657	2149	1292	796	550	408	292
247	205	148	57	37	19	19	8

EXTINCTION COEFFICIENT = .393E-03 PER METER
VISIBILITY LIMIT, UPPER = 9956., LOWER = 7625. METERS
LIQUID WATER CONTENT = .00098 GM/M3
PARTICLE COUNT = 5.26 PER CC

DATA FOR CHANNELS 17 THRU 32

13	9	12	3	4	8	4	3
5	9	6	1	2	0	0	0

EXTINCTION COEFFICIENT = .490E-04 PER METER
VISIBILITY LIMIT, UPPER = 79832., LOWER = 61139. METERS
LIQUID WATER CONTENT = .00044 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .430E-05 PER METER
VISIBILITY LIMIT, UPPER =909219., LOWER =696324. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .446E-03 PER METER
VISIBILITY LIMIT, UPPER = 8766., LOWER = 6714. METERS
LIQUID WATER CONTENT = .00151 GM/M3
PARTICLE COUNT = 5.31 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 25
FOR DATA STARTING 23:30 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

6	2849	3627	2047	1044	676	467	347
261	270	164	58	29	18	11	9

EXTINCTION COEFFICIENT = .554E-03 PER METER
VISIBILITY LIMIT, UPPER = 7064., LOWER = 5410. METERS
LIQUID WATER CONTENT = .00131 GM/M3
PARTICLE COUNT = 7.92 PER CC

DATA FOR CHANNELS 17 THRU 32

12	14	14	6	4	9	4	8
4	2	2	4	3	0	0	0

EXTINCTION COEFFICIENT = .497E-04 PER METER
VISIBILITY LIMIT, UPPER = 78733., LOWER = 60298. METERS
LIQUID WATER CONTENT = .00044 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

2	0	0	0	0	1	0	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .215E-04 PER METER
VISIBILITY LIMIT, UPPER =181718., LOWER =139168. METERS
LIQUID WATER CONTENT = .00057 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .625E-03 PER METER
VISIBILITY LIMIT, UPPER = 6259., LOWER = 4793. METERS
LIQUID WATER CONTENT = .00232 GM/M3
PARTICLE COUNT = 7.98 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 26
FOR DATA STARTING 23:40 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	3048	3859	2082	1064	659	453	337
308	246	158	42	27	13	10	12

EXTINCTION COEFFICIENT = .567E-03 PER METER
VISIBILITY LIMIT, UPPER = 6903., LOWER = 5287. METERS
LIQUID WATER CONTENT = .00133 GM/M3
PARTICLE COUNT = 8.21 PER CC

DATA FOR CHANNELS 17 THRU 32

17	14	12	14	6	3	3	8
4	4	3	2	0	3	1	0

EXTINCTION COEFFICIENT = .540E-04 PER METER
VISIBILITY LIMIT, UPPER = 72455., LOWER = 55489. METERS
LIQUID WATER CONTENT = .00048 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	1	2	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .151E-04 PER METER
VISIBILITY LIMIT, UPPER =258640., LOWER =198079. METERS
LIQUID WATER CONTENT = .00031 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .636E-03 PER METER
VISIBILITY LIMIT, UPPER = 6153., LOWER = 4712. METERS
LIQUID WATER CONTENT = .00212 GM/M3
PARTICLE COUNT = 8.28 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 27
FOR DATA STARTING 23:50 ON 18/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	3299	4260	2303	1245	752	498	346
288	250	140	70	27	18	13	9

EXTINCTION COEFFICIENT = .618E-03 PER METER
VISIBILITY LIMIT, UPPER = 6326., LOWER = 4844. METERS
LIQUID WATER CONTENT = .00145 GM/M3
PARTICLE COUNT = 9.01 PER CC

DATA FOR CHANNELS 17 THRU 32

14	6	8	12	5	3	9	8
6	8	5	6	3	4	3	0

EXTINCTION COEFFICIENT = .761E-04 PER METER
VISIBILITY LIMIT, UPPER = 51427., LOWER = 39386. METERS
LIQUID WATER CONTENT = .00078 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	1	0	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .152E-04 PER METER
VISIBILITY LIMIT, UPPER =257708., LOWER =197366. METERS
LIQUID WATER CONTENT = .00037 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .710E-03 PER METER
VISIBILITY LIMIT, UPPER = 5512., LOWER = 4222. METERS
LIQUID WATER CONTENT = .00260 GM/M3
PARTICLE COUNT = 9.08 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 28
FOR DATA STARTING 0: 0 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

7	5655	6881	3555	1701	1012	622	399
318	259	155	60	31	20	20	16

EXTINCTION COEFFICIENT = .904E-03 PER METER
VISIBILITY LIMIT, UPPER = 4326., LOWER = 3313. METERS
LIQUID WATER CONTENT = .00205 GM/M3
PARTICLE COUNT = 13.81 PER CC

DATA FOR CHANNELS 17 THRU 32

10	10	13	4	8	12	2	6
10	4	3	4	3	2	2	0

EXTINCTION COEFFICIENT = .638E-04 PER METER
VISIBILITY LIMIT, UPPER = 61318., LOWER = 46960. METERS
LIQUID WATER CONTENT = .00062 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	2	0	1	0	0
0	2	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .380E-04 PER METER
VISIBILITY LIMIT, UPPER =103019., LOWER = 78897. METERS
LIQUID WATER CONTENT = .00106 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .101E-02 PER METER
VISIBILITY LIMIT, UPPER = 3889., LOWER = 2978. METERS
LIQUID WATER CONTENT = .00373 GM/M3
PARTICLE COUNT = 13.87 PER CC

NEPHELOMETER DATA

SERIES # CTS= 3, TEST # 29
FOR DATA STARTING 0110 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	4695	5691	3014	1449	842	563	386
317	260	141	43	32	15	8	13

EXTINCTION COEFFICIENT = .770E-03 PER METER
VISIBILITY LIMIT, UPPER = 5078., LOWER = 3889. METERS
LIQUID WATER CONTENT = .00176 GM/M3
PARTICLE COUNT = 11.65 PER CC

DATA FOR CHANNELS 17 THRU 32

13	12	13	11	7	3	4	7
10	7	6	9	3	3	1	2

EXTINCTION COEFFICIENT = .827E-04 PER METER
VISIBILITY LIMIT, UPPER = 47314., LOWER = 36235. METERS
LIQUID WATER CONTENT = .00085 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	1	1	0	1	1
0	0	0	0	0	0	0	1

EXTINCTION COEFFICIENT = .510E-04 PER METER
VISIBILITY LIMIT, UPPER = 76759., LOWER = 58786. METERS
LIQUID WATER CONTENT = .00188 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-04 PER METER
VISIBILITY LIMIT, UPPER =121271., LOWER = 92875. METERS
LIQUID WATER CONTENT = .00185 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .936E-03 PER METER
VISIBILITY LIMIT, UPPER = 4178., LOWER = 3200. METERS
LIQUID WATER CONTENT = .00638 GM/M3
PARTICLE COUNT = 11.73 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 30
FOR DATA STARTING 0:20 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

6	4527	5591	2910	1481	900	612	422
328	262	167	53	17	13	12	12

EXTINCTION COEFFICIENT = .771E-03 PER METER
VISIBILITY LIMIT, UPPER = 5073., LOWER = 3885. METERS
LIQUID WATER CONTENT = .00177 GM/M3
PARTICLE COUNT = 11.54 PER CC

DATA FOR CHANNELS 17 THRU 32

8	15	13	10	3	4	3	8
2	3	4	4	2	0	3	1

EXTINCTION COEFFICIENT = .550E-04 PER METER
VISIBILITY LIMIT, UPPER = 71185., LOWER = 54517. METERS
LIQUID WATER CONTENT = .00054 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

1	2	0	0	0	0	0	1
2	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .448E-04 PER METER
VISIBILITY LIMIT, UPPER = 87380., LOWER = 66920. METERS
LIQUID WATER CONTENT = .00126 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .871E-03 PER METER
VISIBILITY LIMIT, UPPER = 4492., LOWER = 3440. METERS
LIQUID WATER CONTENT = .00357 GM/M3
PARTICLE COUNT = 11.60 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 31
FOR DATA STARTING 0:30 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

6	8124	10635	5504	2619	1290	767	499
389	244	151	51	30	18	16	11

EXTINCTION COEFFICIENT = .129E-02 PER METER
VISIBILITY LIMIT, UPPER = 3039., LOWER = 2328. METERS
LIQUID WATER CONTENT = .00285 GM/M3
PARTICLE COUNT = 20.24 PER CC

DATA FOR CHANNELS 17 THRU 32

12	8	4	9	5	3	5	5
4	4	8	5	5	4	1	2

EXTINCTION COEFFICIENT = .685E-04 PER METER
VISIBILITY LIMIT, UPPER = 57074., LOWER = 43710. METERS
LIQUID WATER CONTENT = .00074 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	1	1	0	0	0
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .243E-04 PER METER
VISIBILITY LIMIT, UPPER =161128., LOWER =123400. METERS
LIQUID WATER CONTENT = .00068 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .138E-02 PER METER
VISIBILITY LIMIT, UPPER = 2835., LOWER = 2171. METERS
LIQUID WATER CONTENT = .00426 GM/M3
PARTICLE COUNT = 20.29 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 32
FOR DATA STARTING 0:40 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	4779	6021	3099	1532	873	566	396
329	242	155	51	17	22	18	14

EXTINCTION COEFFICIENT = .799E-03 PER METER
VISIBILITY LIMIT, UPPER = 4895., LOWER = 3749. METERS
LIQUID WATER CONTENT = .00183 GM/M3
PARTICLE COUNT = 12.08 PER CC

DATA FOR CHANNELS 17 THRU 32

16	13	9	13	0	3	6	8
0	5	7	5	3	0	1	0

EXTINCTION COEFFICIENT = .564E-04 PER METER
VISIBILITY LIMIT, UPPER = 69362., LOWER = 53120. METERS
LIQUID WATER CONTENT = .00053 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	0	2	0	0	0	0
1	0	1	0	0	1	0	0

EXTINCTION COEFFICIENT = .534E-04 PER METER
VISIBILITY LIMIT, UPPER = 73282., LOWER = 56123. METERS
LIQUID WATER CONTENT = .00177 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .909E-03 PER METER
VISIBILITY LIMIT, UPPER = 4304., LOWER = 3296. METERS
LIQUID WATER CONTENT = .00413 GM/M3
PARTICLE COUNT = 12.14 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 33
FOR DATA STARTING 0:50 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	5072	6178	3247	1548	848	538	431
290	261	133	46	47	22	14	17

EXTINCTION COEFFICIENT = .821E-03 PER METER
VISIBILITY LIMIT, UPPER = 4766., LOWER = 3650. METERS
LIQUID WATER CONTENT = .00187 GM/M3
PARTICLE COUNT = 12.46 PER CC

DATA FOR CHANNELS 17 THRU 32

6	11	13	7	4	5	6	5
8	7	4	5	4	0	1	0

EXTINCTION COEFFICIENT = .599E-04 PER METER
VISIBILITY LIMIT, UPPER = 65358., LOWER = 50054. METERS
LIQUID WATER CONTENT = .00058 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	2	2	0	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .227E-04 PER METER
VISIBILITY LIMIT, UPPER =172468., LOWER =132084. METERS
LIQUID WATER CONTENT = .00051 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .903E-03 PER METER
VISIBILITY LIMIT, UPPER = 4331., LOWER = 3317. METERS
LIQUID WATER CONTENT = .00296 GM/M3
PARTICLE COUNT = 12.52 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 34
FOR DATA STARTING 18 0 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

7	11813	15538	8214	3517	1666	854	515
351	269	155	55	28	14	11	16

EXTINCTION COEFFICIENT = .178E-02 PER METER
VISIBILITY LIMIT, UPPER = 2200., LOWER = 1685. METERS
LIQUID WATER CONTENT = .00385 GM/M3
PARTICLE COUNT = 28.68 PER CC

DATA FOR CHANNELS 17 THRU 32

16	9	9	7	6	2	3	12
7	11	3	11	2	9	1	0

EXTINCTION COEFFICIENT = .865E-04 PER METER
VISIBILITY LIMIT, UPPER = 45211., LOWER = 34625. METERS
LIQUID WATER CONTENT = .00091 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

1	3	0	2	0	0	0	0
1	0	1	0	0	1	0	0

EXTINCTION COEFFICIENT = .598E-04 PER METER
VISIBILITY LIMIT, UPPER = 65378., LOWER = 50070. METERS
LIQUID WATER CONTENT = .00189 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .192E-02 PER METER
VISIBILITY LIMIT, UPPER = 2033., LOWER = 1557. METERS
LIQUID WATER CONTENT = .00665 GM/M3
PARTICLE COUNT = 28.76 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 35
FOR DATA STARTING 1:10 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	4870	6163	3024	1564	945	557	433
356	278	179	40	34	20	11	13

EXTINCTION COEFFICIENT = .820E-03 PER METER
VISIBILITY LIMIT, UPPER = 4770., LOWER = 3653. METERS
LIQUID WATER CONTENT = .00188 GM/M3
PARTICLE COUNT = 12.33 PER CC

DATA FOR CHANNELS 17 THRU 32

11	14	13	9	4	8	7	6
8	4	6	1	6	3	2	1

EXTINCTION COEFFICIENT = .732E-04 PER METER
VISIBILITY LIMIT, UPPER = 53454., LOWER = 40938. METERS
LIQUID WATER CONTENT = .00074 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	1	0	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .115E-04 PER METER
VISIBILITY LIMIT, UPPER =340512., LOWER =260781. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .905E-03 PER METER
VISIBILITY LIMIT, UPPER = 4324., LOWER = 3311. METERS
LIQUID WATER CONTENT = .00285 GM/M3
PARTICLE COUNT = 12.40 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 36
FOR DATA STARTING 1:20 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	5729	7345	3734	1785	989	609	402
356	251	164	40	22	19	18	13

EXTINCTION COEFFICIENT = .932E-03 PER METER
VISIBILITY LIMIT, UPPER = 4198., LOWER = 3215. METERS
LIQUID WATER CONTENT = .00210 GM/M3
PARTICLE COUNT = 14.32 PER CC

DATA FOR CHANNELS 17 THRU 32

6	14	12	9	7	6	5	7
7	4	2	5	1	3	2	1

EXTINCTION COEFFICIENT = .632E-04 PER METER
VISIBILITY LIMIT, UPPER = 61912., LOWER = 47415. METERS
LIQUID WATER CONTENT = .00063 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	1	0	0	0	1	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .252E-04 PER METER
VISIBILITY LIMIT, UPPER =155196., LOWER =118856. METERS
LIQUID WATER CONTENT = .00063 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .102E-02 PER METER
VISIBILITY LIMIT, UPPER = 3834., LOWER = 2936. METERS
LIQUID WATER CONTENT = .00336 GM/M3
PARTICLE COUNT = 14.38 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 37
FOR DATA STARTING 1130 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	5729	7345	3734	1785	989	609	402
356	251	164	40	22	19	18	13

EXTINCTION COEFFICIENT = .932E-03 PER METER
VISIBILITY LIMIT, UPPER = 4198., LOWER = 3215, METERS
LIQUID WATER CONTENT = .00210 GM/M3
PARTICLE COUNT = 14.32 PER CC

DATA FOR CHANNELS 17 THRU 32

6	14	12	9	7	6	5	7
7	4	2	5	1	3	2	1

EXTINCTION COEFFICIENT = .632E-04 PER METER
VISIBILITY LIMIT, UPPER = 61912., LOWER = 47415, METERS
LIQUID WATER CONTENT = .00063 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	1	0	0	0	1	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .252E-04 PER METER
VISIBILITY LIMIT, UPPER =155196., LOWER =118856, METERS
LIQUID WATER CONTENT = .00063 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .102E-02 PER METER
VISIBILITY LIMIT, UPPER = 3834., LOWER = 2936, METERS
LIQUID WATER CONTENT = .00336 GM/M3
PARTICLE COUNT = 14.38 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 38
FOR DATA STARTING 1140 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

5	5750	7611	3866	1848	972	564	414
352	264	177	48	32	15	10	22

EXTINCTION COEFFICIENT = .953E-03 PER METER
VISIBILITY LIMIT, UPPER = 4104., LOWER = 3143. METERS
LIQUID WATER CONTENT = .00215 GM/M3
PARTICLE COUNT = 14.63 PER CC

DATA FOR CHANNELS 17 THRU 32

10	9	11	7	7	3	6	3
7	3	3	6	4	6	2	4

EXTINCTION COEFFICIENT = .763E-04 PER METER
VISIBILITY LIMIT, UPPER = 51290., LOWER = 39280. METERS
LIQUID WATER CONTENT = .00085 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

2	0	0	1	1	0	0	0
1	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .355E-04 PER METER
VISIBILITY LIMIT, UPPER =110274., LOWER = 84453. METERS
LIQUID WATER CONTENT = .00099 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .106E-02 PER METER
VISIBILITY LIMIT, UPPER = 3673., LOWER = 2813. METERS
LIQUID WATER CONTENT = .00399 GM/M3
PARTICLE COUNT = 14.70 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 39
FOR DATA STARTING 1150 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

10	5820	7488	3745	1881	1036	612	465
338	224	151	48	22	18	13	9

EXTINCTION COEFFICIENT = .946E-03 PER METER
VISIBILITY LIMIT, UPPER = 4134., LOWER = 3166. METERS
LIQUID WATER CONTENT = .00213 GM/M3
PARTICLE COUNT = 14.59 PER CC

DATA FOR CHANNELS 17 THRU 32

8	15	8	11	3	6	4	8
10	10	10	7	2	2	2	1

EXTINCTION COEFFICIENT = .822E-04 PER METER
VISIBILITY LIMIT, UPPER = 47573., LOWER = 36433. METERS
LIQUID WATER CONTENT = .00084 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

0	2	0	1	1	0	0	1
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .352E-04 PER METER
VISIBILITY LIMIT, UPPER =111275., LOWER = 85220. METERS
LIQUID WATER CONTENT = .00096 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .106E-02 PER METER
VISIBILITY LIMIT, UPPER = 3678., LOWER = 2817. METERS
LIQUID WATER CONTENT = .00392 GM/M3
PARTICLE COUNT = 14.66 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 40
FOR DATA STARTING 21 0 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	6711	8551	4256	1992	1064	637	428
344	270	156	57	26	18	11	10

EXTINCTION COEFFICIENT = .105E-02 PER METER
VISIBILITY LIMIT, UPPER = 3726., LOWER = 2854. METERS
LIQUID WATER CONTENT = .00234 GM/M3
PARTICLE COUNT = 16.36 PER CC

DATA FOR CHANNELS 17 THRU 32

10	7	12	8	4	4	7	9
8	4	9	6	3	2	3	0

EXTINCTION COEFFICIENT = .733E-04 PER METER
VISIBILITY LIMIT, UPPER = 53348., LOWER = 40857. METERS
LIQUID WATER CONTENT = .00075 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

2	1	1	0	0	1	2	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .315E-04 PER METER
VISIBILITY LIMIT, UPPER =124076., LOWER = 95023. METERS
LIQUID WATER CONTENT = .00072 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .115E-02 PER METER
VISIBILITY LIMIT, UPPER = 3388., LOWER = 2594. METERS
LIQUID WATER CONTENT = .00381 GM/M3
PARTICLE COUNT = 16.42 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 41
FOR DATA STARTING 2:10 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	7164	9250	4625	2115	1081	674	466
361	292	165	60	33	18	19	12

EXTINCTION COEFFICIENT = .113E-02 PER METER
VISIBILITY LIMIT, UPPER = 3470., LOWER = 2657. METERS
LIQUID WATER CONTENT = .00252 GM/M3
PARTICLE COUNT = 17.56 PER CC

DATA FOR CHANNELS 17 THRU 32

12	17	15	6	11	5	5	7
7	6	9	9	2	3	3	3

EXTINCTION COEFFICIENT = .913E-04 PER METER
VISIBILITY LIMIT, UPPER = 42842., LOWER = 32811. METERS
LIQUID WATER CONTENT = .00096 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	1	1	0	2	2	0
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .496E-04 PER METER
VISIBILITY LIMIT, UPPER = 78895., LOWER = 60421. METERS
LIQUID WATER CONTENT = .00138 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .127E-02 PER METER
VISIBILITY LIMIT, UPPER = 3084., LOWER = 2362. METERS
LIQUID WATER CONTENT = .00485 GM/M3
PARTICLE COUNT = 17.64 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 42
FOR DATA STARTING 2140 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

179	7233	8739	4869	2288	1220	706	472
309	282	115	55	22	11	12	13

EXTINCTION COEFFICIENT = .113E-02 PER METER
VISIBILITY LIMIT, UPPER = 3466., LOWER = 2654. METERS
LIQUID WATER CONTENT = .00250 GM/M3
PARTICLE COUNT = 17.68 PER CC

DATA FOR CHANNELS 17 THRU 32

21	10	9	5	5	7	4	6
7	10	8	6	3	1	2	2

EXTINCTION COEFFICIENT = .779E-04 PER METER
VISIBILITY LIMIT, UPPER = 50226., LOWER = 38466. METERS
LIQUID WATER CONTENT = .00080 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	0	0	0	1	1	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .272E-04 PER METER
VISIBILITY LIMIT, UPPER =143726., LOWER =110073. METERS
LIQUID WATER CONTENT = .00070 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .123E-02 PER METER
VISIBILITY LIMIT, UPPER = 3170., LOWER = 2428. METERS
LIQUID WATER CONTENT = .00399 GM/M3
PARTICLE COUNT = 17.76 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 43
FOR DATA STARTING 2:50 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

70	21400	27270	16340	10210	6210	4220	3140
267	192	98	54	23	13	15	18

EXTINCTION COEFFICIENT = .387E-02 PER METER
VISIBILITY LIMIT, UPPER = 1010., LOWER = 774. METERS
LIQUID WATER CONTENT = .00855 GM/M3
PARTICLE COUNT = 59.69 PER CC

DATA FOR CHANNELS 17 THRU 32

15	15	10	14	13	5	8	14
6	10	4	3	5	3	4	0

EXTINCTION COEFFICIENT = .901E-04 PER METER
VISIBILITY LIMIT, UPPER = 43411., LOWER = 33247. METERS
LIQUID WATER CONTENT = .00089 GM/M3
PARTICLE COUNT = .09 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	1	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .138E-04 PER METER
VISIBILITY LIMIT, UPPER =284179., LOWER =217638. METERS
LIQUID WATER CONTENT = .00031 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .398E-02 PER METER
VISIBILITY LIMIT. UPPER = 984., LOWER = 753. METERS
LIQUID WATER CONTENT = .00974 GM/M3
PARTICLE COUNT = 59.78 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 44
FOR DATA STARTING 3: 0 ON 19/ 1/74

DATA FOR CHANNELS 1 THRU 16

17	3136	3888	2212	1307	759	520	343
310	229	144	44	19	24	17	18

EXTINCTION COEFFICIENT = .600E-03 PER METER
VISIBILITY LIMIT, UPPER = 6519., LOWER = 4992. METERS
LIQUID WATER CONTENT = .00142 GM/M3
PARTICLE COUNT = 8.66 PER CC

DATA FOR CHANNELS 17 THRU 32

15	13	8	4	6	8	11	14
3	2	8	8	5	3	2	1

EXTINCTION COEFFICIENT = .836E-04 PER METER
VISIBILITY LIMIT, UPPER = 46804., LOWER = 35845. METERS
LIQUID WATER CONTENT = .00085 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

2	2	1	0	0	0	0	0
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .275E-04 PER METER
VISIBILITY LIMIT, UPPER =142004., LOWER =108754. METERS
LIQUID WATER CONTENT = .00071 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .711E-03 PER METER
VISIBILITY LIMIT, UPPER = 5500., LOWER = 4212. METERS
LIQUID WATER CONTENT = .00298 GM/M3
PARTICLE COUNT = 8.74 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 45
FOR DATA STARTING 3:10 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	2519	3163	1834	1054	725	451	357
287	223	122	35	30	14	13	16

EXTINCTION COEFFICIENT = .511E-03 PER METER
VISIBILITY LIMIT, UPPER = 7661., LOWER = 5867. METERS
LIQUID WATER CONTENT = .00122 GM/M3
PARTICLE COUNT = 7.23 PER CC

DATA FOR CHANNELS 17 THRU 32

10	9	14	17	6	8	6	10
6	8	4	0	4	5	1	0

EXTINCTION COEFFICIENT = .731E-04 PER METER
VISIBILITY LIMIT, UPPER = 53540., LOWER = 41003. METERS
LIQUID WATER CONTENT = .00070 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	2	0	0	0	2
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .276E-04 PER METER
VISIBILITY LIMIT, UPPER =141572., LOWER =108422. METERS
LIQUID WATER CONTENT = .00069 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .430E-04 PER METER
VISIBILITY LIMIT, UPPER = 90943., LOWER = 69649. METERS
LIQUID WATER CONTENT = .00291 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .654E-03 PER METER
VISIBILITY LIMIT, UPPER = 5978., LOWER = 4579. METERS
LIQUID WATER CONTENT = .00552 GM/M3
PARTICLE COUNT = 7.31 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 46
FOR DATA STARTING 3:20 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	3276	3848	2151	1147	778	466	349
305	249	160	57	29	21	7	11

EXTINCTION COEFFICIENT = .593E-03 PER METER
VISIBILITY LIMIT, UPPER = 6601., LOWER = 5056. METERS
LIQUID WATER CONTENT = .00140 GM/M3
PARTICLE COUNT = 8.57 PER CC

DATA FOR CHANNELS 17 THRU 32

13	7	10	4	5	4	2	3
8	2	5	4	3	0	1	2

EXTINCTION COEFFICIENT = .518E-04 PER METER
VISIBILITY LIMIT, UPPER = 75468., LOWER = 57797. METERS
LIQUID WATER CONTENT = .00053 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

2	0	0	1	1	1	0	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .308E-04 PER METER
VISIBILITY LIMIT, UPPER =127017., LOWER = 97276. METERS
LIQUID WATER CONTENT = .00078 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .675E-03 PER METER
VISIBILITY LIMIT, UPPER = 5793., LOWER = 4437. METERS
LIQUID WATER CONTENT = .00270 GM/M3
PARTICLE COUNT = 8.62 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 47
FOR DATA STARTING 3:30 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

0	1936	2648	1438	894	616	419	333
315	265	182	52	28	19	12	17

EXTINCTION COEFFICIENT = .454E-03 PER METER
VISIBILITY LIMIT, UPPER = 8616., LOWER = 6598. METERS
LIQUID WATER CONTENT = .00112 GM/M3
PARTICLE COUNT = 6.12 PER CC

DATA FOR CHANNELS 17 THRU 32

10	10	10	5	8	4	3	8
4	2	1	0	4	1	1	1

EXTINCTION COEFFICIENT = .457E-04 PER METER
VISIBILITY LIMIT, UPPER = 85693., LOWER = 65628. METERS
LIQUID WATER CONTENT = .00044 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

2	0	0	0	2	0	1	0
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .358E-04 PER METER
VISIBILITY LIMIT, UPPER =109411., LOWER = 83792. METERS
LIQUID WATER CONTENT = .00102 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .535E-03 PER METER
VISIBILITY LIMIT, UPPER = 7306., LOWER = 5595. METERS
LIQUID WATER CONTENT = .00258 GM/M3
PARTICLE COUNT = 6.17 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 48
FOR DATA STARTING 3:40 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

2	3621	4237	2299	1216	785	506	401
331	236	143	39	19	19	16	17

EXTINCTION COEFFICIENT = .633E-03 PER METER
VISIBILITY LIMIT, UPPER = 6180., LOWER = 4733. METERS
LIQUID WATER CONTENT = .00148 GM/M3
PARTICLE COUNT = 9.26 PER CC

DATA FOR CHANNELS 17 THRU 32

11	16	14	6	5	6	7	5
11	8	6	3	2	1	3	0

EXTINCTION COEFFICIENT = .707E-04 PER METER
VISIBILITY LIMIT, UPPER = 55324., LOWER = 42370. METERS
LIQUID WATER CONTENT = .00068 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	0	2	0	0	0	0
1	0	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .392E-04 PER METER
VISIBILITY LIMIT, UPPER = 99871., LOWER = 76486. METERS
LIQUID WATER CONTENT = .00120 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .743E-03 PER METER
VISIBILITY LIMIT, UPPER = 5266., LOWER = 4033. METERS
LIQUID WATER CONTENT = .00337 GM/M3
PARTICLE COUNT = 9.33 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 49
FOR DATA STARTING 3:50 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	3564	4606	2397	1292	860	550	388
317	271	175	58	40	21	18	6

EXTINCTION COEFFICIENT = .669E-03 PER METER
VISIBILITY LIMIT, UPPER = 5845., LOWER = 4476. METERS
LIQUID WATER CONTENT = .00157 GM/M3
PARTICLE COUNT = 9.71 PER CC

DATA FOR CHANNELS 17 THRU 32

10	11	12	12	6	6	6	8
12	5	5	8	3	1	2	1

EXTINCTION COEFFICIENT = .781E-04 PER METER
VISIBILITY LIMIT, UPPER = 50072., LOWER = 38347. METERS
LIQUID WATER CONTENT = .00078 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

3	1	2	0	0	0	0	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .293E-04 PER METER
VISIBILITY LIMIT, UPPER =133684., LOWER =102382. METERS
LIQUID WATER CONTENT = .00069 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .777E-03 PER METER
VISIBILITY LIMIT, UPPER = 5037., LOWER = 3857. METERS
LIQUID WATER CONTENT = .00304 GM/M3
PARTICLE COUNT = 9.79 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 50
FOR DATA STARTING 4: 0 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

10	4825	5808	3052	1516	890	611	393
343	269	198	59	31	20	17	16

EXTINCTION COEFFICIENT = .806E-03 PER METER
VISIBILITY LIMIT, UPPER = 4853., LOWER = 3717. METERS
LIQUID WATER CONTENT = .00186 GM/M3
PARTICLE COUNT = 12.04 PER CC

DATA FOR CHANNELS 17 THRU 32

18	13	17	13	8	4	8	5
7	7	6	7	6	1	3	1

EXTINCTION COEFFICIENT = .864E-04 PER METER
VISIBILITY LIMIT, UPPER = 45263., LOWER = 34664. METERS
LIQUID WATER CONTENT = .00086 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	3	1	2	1	0	1
1	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .645E-04 PER METER
VISIBILITY LIMIT, UPPER = 60678., LOWER = 46470. METERS
LIQUID WATER CONTENT = .00175 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .957E-03 PER METER
VISIBILITY LIMIT, UPPER = 4088., LOWER = 3131. METERS
LIQUID WATER CONTENT = .00447 GM/M3
PARTICLE COUNT = 12.13 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 51
FOR DATA STARTING 4:10 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	3125	3826	2057	1089	735	499	371
304	279	151	60	37	29	14	13

EXTINCTION COEFFICIENT = .588E-03 PER METER
VISIBILITY LIMIT, UPPER = 6649., LOWER = 5092. METERS
LIQUID WATER CONTENT = .00140 GM/M3
PARTICLE COUNT = 8.39 PER CC

DATA FOR CHANNELS 17 THRU 32

13	7	12	14	8	9	5	14
9	6	7	6	5	0	0	2

EXTINCTION COEFFICIENT = .827E-04 PER METER
VISIBILITY LIMIT, UPPER = 47279., LOWER = 36209. METERS
LIQUID WATER CONTENT = .00081 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

3	0	0	1	0	1	0	2
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .337E-04 PER METER
VISIBILITY LIMIT, UPPER =116000., LOWER = 88839. METERS
LIQUID WATER CONTENT = .00081 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .705E-03 PER METER
VISIBILITY LIMIT, UPPER = 5550., LOWER = 4251. METERS
LIQUID WATER CONTENT = .00302 GM/M3
PARTICLE COUNT = 8.48 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 52
FOR DATA STARTING 4120 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	2942	3525	1892	1034	634	465	391
292	260	156	58	33	22	15	14

EXTINCTION COEFFICIENT = .551E-03 PER METER
VISIBILITY LIMIT, UPPER = 7103., LOWER = 5440. METERS
LIQUID WATER CONTENT = .00132 GM/M3
PARTICLE COUNT = 7.82 PER CC

DATA FOR CHANNELS 17 THRU 32

12	14	11	9	10	11	4	10
8	5	10	5	5	3	3	0

EXTINCTION COEFFICIENT = .878E-04 PER METER
VISIBILITY LIMIT, UPPER = 44568., LOWER = 34132. METERS
LIQUID WATER CONTENT = .00088 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

2	0	1	0	0	0	0	0
1	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .284E-04 PER METER
VISIBILITY LIMIT, UPPER =137983., LOWER =105674. METERS
LIQUID WATER CONTENT = .00078 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .667E-03 PER METER
VISIBILITY LIMIT, UPPER = 5866., LOWER = 4492. METERS
LIQUID WATER CONTENT = .00297 GM/M3
PARTICLE COUNT = 7.91 PER CC

AD-A032 869 ARMY ELECTRONICS COMMAND WHITE SANDS MISSILE RANGE N--ETC F/G 4/1
ATMOSPHERIC WATERDROP SIZE DISTRIBUTION AT CAPISTRANO TEST SITE--ETC(U)
SEP 75 D H DICKSON, R B LOVELAND, W H HATCH

UNCLASSIFIED ECOM-DR-75-3-VOL-2 NL

3 OF 4
AD
A032869



NEPHELOMETER DATA

SERIES # CTS= 3, TEST # 53
FOR DATA STARTING 5: 0 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

6	2603	3305	1936	1078	684	397	364
287	254	146	60	26	17	13	10

EXTINCTION COEFFICIENT = .527E-03 PER METER
VISIBILITY LIMIT, UPPER = 7427., LOWER = 5688. METERS
LIQUID WATER CONTENT = .00126 GM/M3
PARTICLE COUNT = 7.46 PER CC

DATA FOR CHANNELS 17 THRU 32

14	8	13	11	1	8	7	3
4	5	6	1	1	1	1	1

EXTINCTION COEFFICIENT = .531E-04 PER METER
VISIBILITY LIMIT, UPPER = 73721., LOWER = 56459. METERS
LIQUID WATER CONTENT = .00050 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	2	0	0	0	1	0
0	0	0	1	0	0	1	0

EXTINCTION COEFFICIENT = .519E-04 PER METER
VISIBILITY LIMIT, UPPER = 75438., LOWER = 57774. METERS
LIQUID WATER CONTENT = .00189 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .632E-03 PER METER
VISIBILITY LIMIT, UPPER = 6193., LOWER = 4743. METERS
LIQUID WATER CONTENT = .00364 GM/M3
PARTICLE COUNT = 7.52 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 54
FOR DATA STARTING 5:10 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	3942	4946	2560	1382	848	514	416
339	277	182	54	37	18	13	7

EXTINCTION COEFFICIENT = .706E-03 PER METER
VISIBILITY LIMIT, UPPER = 5544., LOWER = 4246. METERS
LIQUID WATER CONTENT = .00164 GM/M3
PARTICLE COUNT = 10.36 PER CC

DATA FOR CHANNELS 17 THRU 32

10	11	14	5	6	4	10	5
4	4	6	3	4	2	4	1

EXTINCTION COEFFICIENT = .689E-04 PER METER
VISIBILITY LIMIT, UPPER = 56754., LOWER = 43465. METERS
LIQUID WATER CONTENT = .00071 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

2	0	0	1	2	0	0	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .300E-04 PER METER
VISIBILITY LIMIT, UPPER =130270., LOWER = 99767. METERS
LIQUID WATER CONTENT = .00075 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .805E-03 PER METER
VISIBILITY LIMIT, UPPER = 4862., LOWER = 3723. METERS
LIQUID WATER CONTENT = .00311 GM/M3
PARTICLE COUNT = 10.42 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 55
FOR DATA STARTING 5:20 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	4065	5075	2673	1303	807	488	376
329	245	185	74	43	17	16	14

EXTINCTION COEFFICIENT = .710E-03 PER METER
VISIBILITY LIMIT, UPPER = 5508., LOWER = 4218. METERS
LIQUID WATER CONTENT = .00166 GM/M3
PARTICLE COUNT = 10.47 PER CC

DATA FOR CHANNELS 17 THRU 32

11	9	15	13	4	7	13	8
6	4	5	7	1	1	1	0

EXTINCTION COEFFICIENT = .682E-04 PER METER
VISIBILITY LIMIT, UPPER = 57371., LOWER = 43937. METERS
LIQUID WATER CONTENT = .00063 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

3	0	1	2	0	0	0	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .295E-04 PER METER
VISIBILITY LIMIT, UPPER =132393., LOWER =101393. METERS
LIQUID WATER CONTENT = .00067 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .808E-03 PER METER
VISIBILITY LIMIT, UPPER = 4842., LOWER = 3708. METERS
LIQUID WATER CONTENT = .00296 GM/M3
PARTICLE COUNT = 10.55 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 56
FOR DATA STARTING 5130 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	6337	7711	4001	1882	1039	683	424
346	268	169	68	35	14	17	16

EXTINCTION COEFFICIENT = .993E-03 PER METER
VISIBILITY LIMIT, UPPER = 3941., LOWER = 3019. METERS
LIQUID WATER CONTENT = .00224 GM/M3
PARTICLE COUNT = 15.29 PER CC

DATA FOR CHANNELS 17 THRU 32

16	13	11	6	6	4	6	4
4	6	9	4	4	1	1	2

EXTINCTION COEFFICIENT = .704E-04 PER METER
VISIBILITY LIMIT, UPPER = 55533., LOWER = 42530. METERS
LIQUID WATER CONTENT = .00071 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	1	1	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .158E-04 PER METER
VISIBILITY LIMIT, UPPER =247733., LOWER =189726. METERS
LIQUID WATER CONTENT = .00033 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-04 PER METER
VISIBILITY LIMIT, UPPER =121271., LOWER = 92875. METERS
LIQUID WATER CONTENT = .00169 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .111E-02 PER METER
VISIBILITY LIMIT, UPPER = 3521., LOWER = 2697. METERS
LIQUID WATER CONTENT = .00516 GM/M3
PARTICLE COUNT = 15.36 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 57
FOR DATA STARTING 5140 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

6	6477	7955	3947	1854	1021	640	417
340	266	120	51	28	15	9	11

EXTINCTION COEFFICIENT = .991E-03 PER METER
VISIBILITY LIMIT, UPPER = 3948., LOWER = 3824. METERS
LIQUID WATER CONTENT = .00221 GM/M3
PARTICLE COUNT = 15.44 PER CC

DATA FOR CHANNELS 17 THRU 32

10	16	15	9	8	6	11	9
10	7	6	9	3	2	0	1

EXTINCTION COEFFICIENT = .851E-04 PER METER
VISIBILITY LIMIT, UPPER = 45981., LOWER = 35215. METERS
LIQUID WATER CONTENT = .00082 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	1	2	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .233E-04 PER METER
VISIBILITY LIMIT, UPPER =167750., LOWER =128471. METERS
LIQUID WATER CONTENT = .00048 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .110E-02 PER METER
VISIBILITY LIMIT, UPPER = 3559., LOWER = 2726. METERS
LIQUID WATER CONTENT = .00351 GM/M3
PARTICLE COUNT = 15.52 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 58
FOR DATA STARTING 5:50 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

4	6313	7885	3935	1852	1009	610	424
323	273	159	53	29	18	14	9

EXTINCTION COEFFICIENT = .985E-03 PER METER
VISIBILITY LIMIT, UPPER = 3970., LOWER = 3040. METERS
LIQUID WATER CONTENT = .00221 GM/M3
PARTICLE COUNT = 15.27 PER CC

DATA FOR CHANNELS 17 THRU 32

6	9	9	12	9	6	9	3
10	6	7	9	8	1	2	2

EXTINCTION COEFFICIENT = .881E-04 PER METER
VISIBILITY LIMIT, UPPER = 44381., LOWER = 33989. METERS
LIQUID WATER CONTENT = .00093 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

0	3	0	0	0	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .163E-04 PER METER
VISIBILITY LIMIT, UPPER =239924., LOWER =183746. METERS
LIQUID WATER CONTENT = .00035 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .109E-02 PER METER
VISIBILITY LIMIT, UPPER = 3590., LOWER = 2749. METERS
LIQUID WATER CONTENT = .00349 GM/M3
PARTICLE COUNT = 15.35 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 59
FOR DATA STARTING 8: 0 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

3	8159	10249	5359	2445	1231	758	484
339	265	138	49	27	23	14	16

EXTINCTION COEFFICIENT = .125E-02 PER METER
VISIBILITY LIMIT, UPPER = 3127., LOWER = 2395. METERS
LIQUID WATER CONTENT = .00277 GM/M3
PARTICLE COUNT = 19.71 PER CC

DATA FOR CHANNELS 17 THRU 32

14	9	10	8	14	2	6	5
11	8	6	6	3	4	1	2

EXTINCTION COEFFICIENT = .819E-04 PER METER
VISIBILITY LIMIT, UPPER = 47753., LOWER = 36572. METERS
LIQUID WATER CONTENT = .00084 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	2	0	0	0	0
1	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .304E-04 PER METER
VISIBILITY LIMIT, UPPER =128531., LOWER = 98435. METERS
LIQUID WATER CONTENT = .00084 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .136E-02 PER METER
VISIBILITY LIMIT, UPPER = 2870., LOWER = 2198. METERS
LIQUID WATER CONTENT = .00444 GM/M3
PARTICLE COUNT = 19.78 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 60
FOR DATA STARTING 6:10 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	4615	5889	3286	1776	986	568	366
310	250	141	41	40	24	14	9

EXTINCTION COEFFICIENT = .811E-03 PER METER
VISIBILITY LIMIT, UPPER = 4821., LOWER = 3692. METERS
LIQUID WATER CONTENT = .00185 GM/M3
PARTICLE COUNT = 12.21 PER CC

DATA FOR CHANNELS 17 THRU 32

10	10	10	10	2	4	3	3
7	4	3	2	2	0	1	0

EXTINCTION COEFFICIENT = .434E-04 PER METER
VISIBILITY LIMIT, UPPER = 90163., LOWER = 69051. METERS
LIQUID WATER CONTENT = .00040 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	3	2	2	1	0	1
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .549E-04 PER METER
VISIBILITY LIMIT, UPPER = 71271., LOWER = 54583. METERS
LIQUID WATER CONTENT = .00141 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .910E-03 PER METER
VISIBILITY LIMIT, UPPER = 4300., LOWER = 3293. METERS
LIQUID WATER CONTENT = .00366 GM/M3
PARTICLE COUNT = 12.26 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 61
FOR DATA STARTING 6120 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

10	9717	14327	9228	4601	2213	1026	557
323	248	149	50	32	21	10	18

EXTINCTION COEFFICIENT = .181E-02 PER METER
VISIBILITY LIMIT, UPPER = 2167., LOWER = 1660. METERS
LIQUID WATER CONTENT = .00396 GM/M3
PARTICLE COUNT = 28.35 PER CC

DATA FOR CHANNELS 17 THRU 32

7	13	10	8	3	4	7	4
8	5	5	6	3	3	1	1

EXTINCTION COEFFICIENT = .657E-04 PER METER
VISIBILITY LIMIT, UPPER = 59535., LOWER = 45595. METERS
LIQUID WATER CONTENT = .00067 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER =1400069, LOWER =1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .187E-02 PER METER
VISIBILITY LIMIT, UPPER = 2088., LOWER = 1599. METERS
LIQUID WATER CONTENT = .00468 GM/M3
PARTICLE COUNT = 28.41 PER CC

NEPHELOMETER DATA

SERIES # CTS- 3, TEST # 62
FOR DATA STARTING 6:30 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

1	4619	7957	7024	4202	2020	886	419
208	176	301	113	66	21	16	12

EXTINCTION COEFFICIENT = .127E-02 PER METER
VISIBILITY LIMIT, UPPER = 3077., LOWER = 2357. METERS
LIQUID WATER CONTENT = .00291 GM/M3
PARTICLE COUNT = 18.69 PER CC

DATA FOR CHANNELS 17 THRU 32

13	16	12	5	4	5	11	9
4	2	0	3	1	2	1	1

EXTINCTION COEFFICIENT = .538E-04 PER METER
VISIBILITY LIMIT, UPPER = 72675., LOWER = 55658. METERS
LIQUID WATER CONTENT = .00050 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

4	1	1	0	1	0	0	0
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .349E-04 PER METER
VISIBILITY LIMIT, UPPER =112160., LOWER = 85898. METERS
LIQUID WATER CONTENT = .00086 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .136E-02 PER METER
VISIBILITY LIMIT, UPPER = 2876., LOWER = 2203. METERS
LIQUID WATER CONTENT = .00427 GM/M3
PARTICLE COUNT = 18.76 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 1
FOR DATA STARTING 23: 0 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

1861	1017	505	118	32	2	5	5
4	12	8	6	2	3	8	7

EXTINCTION COEFFICIENT = .119E-03 PER METER
VISIBILITY LIMIT, UPPER = 32945., LOWER = 25231. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = 2.40 PER CC

DATA FOR CHANNELS 17 THRU 32

0	5	6	4	2	0	0	1
1	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .939E-05 PER METER
VISIBILITY LIMIT, UPPER =416504., LOWER =318979. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .128E-03 PER METER
VISIBILITY LIMIT, UPPER = 30530., LOWER = 23381. METERS
LIQUID WATER CONTENT = .00031 GM/M3
PARTICLE COUNT = 2.41 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 2
FOR DATA STARTING 23:10 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

941	1017	508	125	37	2	3	2
7	10	8	6	3	5	4	4

EXTINCTION COEFFICIENT = .923E-04 PER METER
VISIBILITY LIMIT, UPPER = 42364., LOWER = 32444. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.79 PER CC

DATA FOR CHANNELS 17 THRU 32

5	4	3	4	0	0	1	3
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .937E-05 PER METER
VISIBILITY LIMIT, UPPER =417504., LOWER =319745. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .102E-03 PER METER
VISIBILITY LIMIT, UPPER = 38461., LOWER = 29456. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = 1.80 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 3
FOR DATA STARTING 23:20 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

1028	966	424	100	26	5	3	0
8	6	0	4	1	2	6	4

EXTINCTION COEFFICIENT = .864E-04 PER METER
VISIBILITY LIMIT, UPPER = 45268., LOWER = 34668. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.72 PER CC

DATA FOR CHANNELS 17 THRU 32

6	5	3	1	1	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .600E-05 PER METER
VISIBILITY LIMIT, UPPER =652151., LOWER =499449. METERS
LIQUID WATER CONTENT = .00004 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .924E-04 PER METER
VISIBILITY LIMIT, UPPER = 42330., LOWER = 32418. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = 1.73 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 4
FOR DATA STARTING 23:30 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

994	931	453	86	25	4	2	2
7	5	4	4	2	3	0	1

EXTINCTION COEFFICIENT = .834E-04 PER METER
VISIBILITY LIMIT, UPPER = 46888., LOWER = 35909. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = 1.68 PER CC

DATA FOR CHANNELS 17 THRU 32

2	4	5	2	2	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .633E-05 PER METER
VISIBILITY LIMIT, UPPER =617696., LOWER =473062. METERS
LIQUID WATER CONTENT = .00004 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .898E-04 PER METER
VISIBILITY LIMIT, UPPER = 43568., LOWER = 33376. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = 1.69 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 5
FOR DATA STARTING 23:40 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

975	897	445	114	27	0	2	6
4	4	6	5	1	4	3	3

EXTINCTION COEFFICIENT = .840E-04 PER METER
VISIBILITY LIMIT, UPPER = 46556., LOWER = 35655. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.66 PER CC

DATA FOR CHANNELS 17 THRU 32

4	6	6	4	1	1	1	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .963E-05 PER METER
VISIBILITY LIMIT, UPPER =406269., LOWER =311141. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .937E-04 PER METER
VISIBILITY LIMIT, UPPER = 41769., LOWER = 31989. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = 1.68 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 6
FOR DATA STARTING 23:50 ON 19/ 4/74

DATA FOR CHANNELS 1 THRU 16

998	905	473	123	23	6	3	3
4	6	8	6	1	3	0	2

EXTINCTION COEFFICIENT = .859E-04 PER METER
VISIBILITY LIMIT, UPPER = 45559., LOWER = 34891. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.71 PER CC

DATA FOR CHANNELS 17 THRU 32

7	3	3	2	3	1	2	0
0	1	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .107E-04 PER METER
VISIBILITY LIMIT, UPPER =366474., LOWER =280664. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .965E-04 PER METER
VISIBILITY LIMIT, UPPER = 40521., LOWER = 31033. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = 1.72 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 7
FOR DATA STARTING 0: 0 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

990	960	555	136	26	5	0	3
3	6	3	6	3	4	5	5

EXTINCTION COEFFICIENT = .925E-04 PER METER
VISIBILITY LIMIT, UPPER = 42283., LOWER = 32382. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.81 PER CC

DATA FOR CHANNELS 17 THRU 32

5	3	5	2	0	0	0	0
0	1	0	1	0	1	0	0

EXTINCTION COEFFICIENT = .929E-05 PER METER
VISIBILITY LIMIT, UPPER =421302., LOWER =322654. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .102E-03 PER METER
VISIBILITY LIMIT, UPPER = 38426., LOWER = 29429. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = 1.82 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 8
FOR DATA STARTING 0:10 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1011	998	463	131	29	9	2	6
1	3	7	2	2	6	3	7

EXTINCTION COEFFICIENT = .911E-04 PER METER
VISIBILITY LIMIT, UPPER = 42921., LOWER = 32871. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = 1.79 PER CC

DATA FOR CHANNELS 17 THRU 32

1	7	3	3	1	0	1	2
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .900E-05 PER METER
VISIBILITY LIMIT, UPPER =434731., LOWER =332938. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .100E-03 PER METER
VISIBILITY LIMIT, UPPER = 39064., LOWER = 29917. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = 1.80 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 9
FOR DATA STARTING 0120 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

996	995	508	104	35	4	4	6
5	5	6	1	1	4	7	9

EXTINCTION COEFFICIENT = .924E-04 PER METER
VISIBILITY LIMIT, UPPER = 42341., LOWER = 32427. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.79 PER CC

DATA FOR CHANNELS 17 THRU 32

7	2	1	2	2	2	2	0
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .848E-05 PER METER
VISIBILITY LIMIT, UPPER =461283., LOWER =353273. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .765E-05 PER METER
VISIBILITY LIMIT, UPPER =511321., LOWER =391595. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .109E-03 PER METER
VISIBILITY LIMIT, UPPER = 36047., LOWER = 27607. METERS
LIQUID WATER CONTENT = .00047 GM/M3
PARTICLE COUNT = 1.81 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 10
FOR DATA STARTING 0:30 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1007	983	499	113	30	5	4	2
4	7	4	3	4	2	4	7

EXTINCTION COEFFICIENT = .910E-04 PER METER
VISIBILITY LIMIT, UPPER = 42981., LOWER = 32917. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = 1.79 PER CC

DATA FOR CHANNELS 17 THRU 32

11	6	5	7	4	0	2	1
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .150E-04 PER METER
VISIBILITY LIMIT, UPPER =261051., LOWER =199926. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .430E-05 PER METER
VISIBILITY LIMIT, UPPER =909219., LOWER =696324. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .110E-03 PER METER
VISIBILITY LIMIT, UPPER = 35465., LOWER = 27161. METERS
LIQUID WATER CONTENT = .00038 GM/M3
PARTICLE COUNT = 1.81 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 11
FOR DATA STARTING 0:40 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1084	995	524	109	32	2	3	1
1	8	7	4	5	2	6	8

EXTINCTION COEFFICIENT = .952E-04 PER METER
VISIBILITY LIMIT, UPPER = 41073., LOWER = 31456. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.86 PER CC

DATA FOR CHANNELS 17 THRU 32

7	5	5	3	2	1	0	0
0	0	0	1	0	0	1	0

EXTINCTION COEFFICIENT = .117E-04 PER METER
VISIBILITY LIMIT, UPPER =332980., LOWER =255012. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .430E-05 PER METER
VISIBILITY LIMIT, UPPER =909219., LOWER =696324. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .111E-03 PER METER
VISIBILITY LIMIT, UPPER = 35149., LOWER = 26919. METERS
LIQUID WATER CONTENT = .00039 GM/M3
PARTICLE COUNT = 1.88 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 12
FOR DATA STARTING 0:50 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1132	989	569	129	48	8	2	3
7	6	7	3	4	6	4	4

EXTINCTION COEFFICIENT = .995E-04 PER METER
VISIBILITY LIMIT, UPPER = 39305., LOWER = 30102. METERS
LIQUID WATER CONTENT = .0020 GM/M3
PARTICLE COUNT = 1.95 PER CC

DATA FOR CHANNELS 17 THRU 32

3	4	2	1	2	2	0	0
3	4	2	1	2	2	0	0

EXTINCTION COEFFICIENT = .227E-04 PER METER
VISIBILITY LIMIT, UPPER =172570., LOWER =132163. METERS
LIQUID WATER CONTENT = .0024 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER =1400969, LOWER =1072241 METERS
LIQUID WATER CONTENT = .0005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .125E-03 PER METER
VISIBILITY LIMIT, UPPER = 31298., LOWER = 23969. METERS
LIQUID WATER CONTENT = .0049 GM/M3
PARTICLE COUNT = 1.97 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 13
FOR DATA STARTING 11 0 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1075	1029	573	126	47	6	1	4
12	4	6	11	4	7	0	4

EXTINCTION COEFFICIENT = .996E-04 PER METER
VISIBILITY LIMIT, UPPER = 39259., LOWER = 30067. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = 1.94 PER CC

DATA FOR CHANNELS 17 THRU 32

5	3	4	6	1	2	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .885E-05 PER METER
VISIBILITY LIMIT, UPPER =442111., LOWER =338590. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .108E-03 PER METER
VISIBILITY LIMIT, UPPER = 36057., LOWER = 27614. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = 1.95 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 14
FOR DATA STARTING 1:10 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

993	1000	553	118	33	7	2	11
6	13	5	4	7	1	5	5

EXTINCTION COEFFICIENT = .953E-04 PER METER
VISIBILITY LIMIT, UPPER = 41058., LOWER = 31444. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.84 PER CC

DATA FOR CHANNELS 17 THRU 32

6	7	3	1	0	3	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .787E-05 PER METER
VISIBILITY LIMIT, UPPER =497156., LOWER =380747. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .103E-03 PER METER
VISIBILITY LIMIT, UPPER = 37926., LOWER = 29045. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = 1.86 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 15
FOR DATA STARTING 1:20 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1119	996	534	122	37	4	3	1
9	9	4	3	0	4	8	2

EXTINCTION COEFFICIENT = .964E-04 PER METER
VISIBILITY LIMIT, UPPER = 40575., LOWER = 31074. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.90 PER CC

DATA FOR CHANNELS 17 THRU 32

5	2	3	7	3	1	0	0
1	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .103E-04 PER METER
VISIBILITY LIMIT, UPPER =379795., LOWER =290866. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .107E-03 PER METER
VISIBILITY LIMIT, UPPER = 36658., LOWER = 28075. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = 1.92 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 16
FOR DATA STARTING 1:30 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1108	1022	527	123	47	4	2	5
3	6	5	5	3	2	3	7

EXTINCTION COEFFICIENT = .973E-04 PER METER
VISIBILITY LIMIT, UPPER = 40210., LOWER = 30794. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.91 PER CC

DATA FOR CHANNELS 17 THRU 32

4	7	2	2	3	3	0	0
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .937E-05 PER METER
VISIBILITY LIMIT, UPPER =417322., LOWER =319606. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = . .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .107E-03 PER METER
VISIBILITY LIMIT, UPPER = 35676., LOWER = 28088. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = 1.93 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 17
FOR DATA STARTING 1:40 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1125	1018	546	148	40	4	5	5
5	4	9	7	3	3	4	5

EXTINCTION COEFFICIENT = .999E-04 PER METER
VISIBILITY LIMIT, UPPER = 39161., LOWER = 29991. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = 1.95 PER CC

DATA FOR CHANNELS 17 THRU 32

5	4	2	1	2	0	1	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .654E-05 PER METER
VISIBILITY LIMIT, UPPER =598061., LOWER =458024. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .106E-03 PER METER
VISIBILITY LIMIT, UPPER = 36754., LOWER = 28148. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = 1.96 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 18
FOR DATA STARTING 1:50 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1110	1018	533	147	35	7	3	1
4	6	6	6	1	3	1	6

EXTINCTION COEFFICIENT = .974E-04 PER METER
VISIBILITY LIMIT, UPPER = 40182., LOWER = 30773. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.92 PER CC

DATA FOR CHANNELS 17 THRU 32

3	5	2	2	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .456E-05 PER METER
VISIBILITY LIMIT, UPPER =858807., LOWER =657716. METERS
LIQUID WATER CONTENT = .00003 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER =1212427, LOWER =928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .105E-03 PER METER
VISIBILITY LIMIT, UPPER = 37208., LOWER = 28495. METERS
LIQUID WATER CONTENT = .00028 GM/M3
PARTICLE COUNT = 1.93 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 19
FOR DATA STARTING 2: 0 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1088	933	506	119	29	6	2	2
3	7	6	5	3	1	3	3

EXTINCTION COEFFICIENT = .910E-04 PER METER
VISIBILITY LIMIT, UPPER = 43006., LOWER = 32936. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = 1.81 PER CC

DATA FOR CHANNELS 17 THRU 32

4	4	4	1	1	1	1	0
0	2	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .928E-05 PER METER
VISIBILITY LIMIT, UPPER =421426., LOWER =322748. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER =1400069, LOWER =1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .103E-03 PER METER
VISIBILITY LIMIT, UPPER = 37966., LOWER = 29076. METERS
LIQUID WATER CONTENT = .00030 GM/M3
PARTICLE COUNT = 1.82 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 20
FOR DATA STARTING 2:10 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1124	974	554	117	43	2	6	4
2	6	3	5	2	1	4	1

EXTINCTION COEFFICIENT = .949E-04 PER METER
VISIBILITY LIMIT, UPPER = 41220., LOWER = 31568. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = 1.90 PER CC

DATA FOR CHANNELS 17 THRU 32

5	7	3	1	1	1	1	1
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .859E-05 PER METER
VISIBILITY LIMIT, UPPER =455550., LOWER =348882. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .103E-03 PER METER
VISIBILITY LIMIT, UPPER = 37800., LOWER = 28949. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = 1.91 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 21
FOR DATA STARTING 2:20 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1069	1035	631	122	45	4	2	4
4	4	4	2	5	1	3	5

EXTINCTION COEFFICIENT = .998E-04 PER METER
VISIBILITY LIMIT, UPPER = 39181., LOWER = 30007. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = 1.97 PER CC

DATA FOR CHANNELS 17 THRU 32

3	2	6	3	0	0	1	0
0	0	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .725E-05 PER METER
VISIBILITY LIMIT, UPPER =539949., LOWER =413519. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .107E-03 PER METER
VISIBILITY LIMIT, UPPER = 36530., LOWER = 27977. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = 1.98 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 22
FOR DATA STARTING 2130 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1058	1114	561	134	35	7	2	6
9	5	4	7	0	5	4	2

EXTINCTION COEFFICIENT = .999E-04 PER METER
VISIBILITY LIMIT, UPPER = 39155., LOWER = 29987. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = 1.97 PER CC

DATA FOR CHANNELS 17 THRU 32

5	4	7	2	1	1	1	2
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .942E-05 PER METER
VISIBILITY LIMIT, UPPER =415204., LOWER =317983. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .109E-03 PER METER
VISIBILITY LIMIT, UPPER = 35781., LOWER = 27403. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = 1.98 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 23
FOR DATA STARTING 2:40 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1075	1104	607	108	45	8	3	3
8	7	4	6	5	2	6	12

EXTINCTION COEFFICIENT = .104E-03 PER METER
VISIBILITY LIMIT, UPPER = 37576., LOWER = 28777. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = 2.00 PER CC

DATA FOR CHANNELS 17 THRU 32

4	5	3	2	1	4	0	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .852E-05 PER METER
VISIBILITY LIMIT, UPPER =458978., LOWER =351508. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER =1400069, LOWER =1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .115E-03 PER METER
VISIBILITY LIMIT, UPPER = 33891., LOWER = 25956. METERS
LIQUID WATER CONTENT = .00032 GM/M3
PARTICLE COUNT = 2.02 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 24
FOR DATA STARTING 2150 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1082	1077	571	122	35	6	3	1
3	5	6	2	5	3	2	7

EXTINCTION COEFFICIENT = .991E-04 PER METER
VISIBILITY LIMIT, UPPER = 39472., LOWER = 30230. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = 1.95 PER CC

DATA FOR CHANNELS 17 THRU 32

11	3	2	1	1	1	1	1
0	0	1	0	1	0	0	0

EXTINCTION COEFFICIENT = .105E-04 PER METER
VISIBILITY LIMIT, UPPER =373755., LOWER =286240. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .110E-03 PER METER
VISIBILITY LIMIT, UPPER = 35702., LOWER = 27342. METERS
LIQUID WATER CONTENT = .00028 GM/M3
PARTICLE COUNT = 1.97 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 25
FOR DATA STARTING 3: 0 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1160	1118	598	120	32	7	5	1
5	10	4	4	3	4	9	3

EXTINCTION COEFFICIENT = .105E-03 PER METER
VISIBILITY LIMIT, UPPER = 37377., LOWER = 28625. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = 2.06 PER CC

DATA FOR CHANNELS 17 THRU 32

2	5	1	2	1	0	0	1
0	0	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .624E-05 PER METER
VISIBILITY LIMIT, UPPER =626962., LOWER =480158. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .111E-03 PER METER
VISIBILITY LIMIT, UPPER = 35274., LOWER = 27015. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = 2.06 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 26
FOR DATA STARTING 3:10 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1027	1097	615	151	51	6	2	4
5	13	7	8	4	2	1	1

EXTINCTION COEFFICIENT = .102E-03 PER METER
VISIBILITY LIMIT, UPPER = 38356., LOWER = 29375. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = 2.00 PER CC

DATA FOR CHANNELS 17 THRU 32

5	2	2	2	4	2	1	1
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .939E-05 PER METER
VISIBILITY LIMIT, UPPER =416573., LOWER =319032. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER =1400069, LOWER =1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .114E-03 PER METER
VISIBILITY LIMIT, UPPER = 34263., LOWER = 26240. METERS
LIQUID WATER CONTENT = .00032 GM/M3
PARTICLE COUNT = 2.01 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 27
FOR DATA STARTING 3:20 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1022	1001	569	127	47	8	3	4
10	7	9	7	1	3	3	9

EXTINCTION COEFFICIENT = .980E-04 PER METER
VISIBILITY LIMIT, UPPER = 39926., LOWER = 30577. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = 1.89 PER CC

DATA FOR CHANNELS 17 THRU 32

6	5	6	3	1	1	0	0
1	1	2	1	0	0	0	0

EXTINCTION COEFFICIENT = .135E-04 PER METER
VISIBILITY LIMIT, UPPER =289558., LOWER =221758. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .111E-03 PER METER
VISIBILITY LIMIT, UPPER = 35088., LOWER = 26872. METERS
LIQUID WATER CONTENT = .00031 GM/M3
PARTICLE COUNT = 1.90 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 28
FOR DATA STARTING 3:30 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

912	954	519	102	41	4	7	3
4	11	7	6	4	3	5	6

EXTINCTION COEFFICIENT = .898E-04 PER METER
VISIBILITY LIMIT, UPPER = 43573., LOWER = 33370. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = 1.73 PER CC

DATA FOR CHANNELS 17 THRU 32

9	11	4	2	2	0	1	1
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .119E-04 PER METER
VISIBILITY LIMIT, UPPER =329871., LOWER =252631. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER =1212427, LOWER =928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .105E-03 PER METER
VISIBILITY LIMIT, UPPER = 37305., LOWER = 28570. METERS
LIQUID WATER CONTENT = .00032 GM/M3
PARTICLE COUNT = 1.75 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 29
FOR DATA STARTING 3140 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

889	919	570	113	47	5	6	3
6	8	6	2	4	4	3	2

EXTINCTION COEFFICIENT = .887E-04 PER METER
VISIBILITY LIMIT, UPPER = 44117., LOWER = 33787. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = 1.72 PER CC

DATA FOR CHANNELS 17 THRU 32

7	1	3	2	3	5	0	0
1	0	0	0	1	0	1	0

EXTINCTION COEFFICIENT = .142E-04 PER METER
VISIBILITY LIMIT, UPPER =276222., LOWER =211545. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .103E-03 PER METER
VISIBILITY LIMIT, UPPER = 38041., LOWER = 29134. METERS
LIQUID WATER CONTENT = .00030 GM/M3
PARTICLE COUNT = 1.74 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 30
FOR DATA STARTING 3:50 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

926	956	523	133	40	6	6	5
5	6	6	2	5	4	6	5

EXTINCTION COEFFICIENT = .911E-04 PER METER
VISIBILITY LIMIT, UPPER = 42945., LOWER = 32889. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.76 PER CC

DATA FOR CHANNELS 17 THRU 32

3	6	3	1	1	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .548E-05 PER METER
VISIBILITY LIMIT, UPPER =713490., LOWER =546425. METERS
LIQUID WATER CONTENT = .00004 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .966E-04 PER METER
VISIBILITY LIMIT, UPPER = 40507., LOWER = 31022. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = 1.77 PER CC

NEPHELOMETER DATA

SERIES # CTS= 4, TEST # 31
FOR DATA STARTING 41 0 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

889	965	572	124	46	9	0	4
4	7	2	7	2	3	1	4

EXTINCTION COEFFICIENT = .901E-04 PER METER
VISIBILITY LIMIT, UPPER = 43435., LOWER = 33265. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = 1.76 PER CC

DATA FOR CHANNELS 17 THRU 32

6	5	2	3	2	1	1	0
1	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .962E-05 PER METER
VISIBILITY LIMIT, UPPER =406671., LOWER =311448. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .997E-04 PER METER
VISIBILITY LIMIT, UPPER = 39244., LOWER = 30055. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = 1.77 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 32
FOR DATA STARTING 4:10 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

831	870	495	112	36	2	2	8
8	6	9	11	3	2	3	5

EXTINCTION COEFFICIENT = .838E-04 PER METER
VISIBILITY LIMIT, UPPER = 46689., LOWER = 35757. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.60 PER CC

DATA FOR CHANNELS 17 THRU 32

1	3	3	6	0	0	1	0
1	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .786E-05 PER METER
VISIBILITY LIMIT, UPPER =498025., LOWER =381412. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .916E-04 PER METER
VISIBILITY LIMIT, UPPER = 42687., LOWER = 32692. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = 1.61 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 33
FOR DATA STARTING 4:20 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

847	903	496	125	29	8	2	4
6	6	7	6	6	6	3	8

EXTINCTION COEFFICIENT = .864E-04 PER METER
VISIBILITY LIMIT, UPPER = 45268., LOWER = 34669. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = 1.64 PER CC

DATA FOR CHANNELS 17 THRU 32

5	4	4	1	2	1	0	0
0	2	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .822E-05 PER METER
VISIBILITY LIMIT, UPPER =476020., LOWER =364559. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .946E-04 PER METER
VISIBILITY LIMIT, UPPER = 41337., LOWER = 31658. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = 1.65 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 34
FOR DATA STARTING 4:30 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

799	901	521	110	43	8	0	5
8	6	7	2	2	3	7	4

EXTINCTION COEFFICIENT = .843E-04 PER METER
VISIBILITY LIMIT, UPPER = 46424., LOWER = 35554. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.62 PER CC

DATA FOR CHANNELS 17 THRU 32

5	3	5	4	6	2	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .101E-04 PER METER
VISIBILITY LIMIT, UPPER =388095., LOWER =297222. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .943E-04 PER METER
VISIBILITY LIMIT, UPPER = 41464., LOWER = 31755. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = 1.63 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 35
FOR DATA STARTING 4:40 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

857	915	532	108	25	3	4	3
2	14	6	11	2	2	3	3

EXTINCTION COEFFICIENT = .857E-04 PER METER
VISIBILITY LIMIT, UPPER = 45634., LOWER = 34948. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.66 PER CC

DATA FOR CHANNELS 17 THRU 32

4	5	3	3	4	1	2	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .903E-05 PER METER
VISIBILITY LIMIT, UPPER =433326., LOWER =331862. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .948E-04 PER METER
VISIBILITY LIMIT, UPPER = 41286., LOWER = 31619. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = 1.67 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 36
FOR DATA STARTING 4150 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

698	880	503	92	30	5	3	7
8	10	9	5	7	2	0	4

EXTINCTION COEFFICIENT = .790E-04 PER METER
VISIBILITY LIMIT, UPPER = 49492., LOWER = 37903. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = 1.51 PER CC

DATA FOR CHANNELS 17 THRU 32

2	6	2	3	2	0	0	1
0	1	0	2	0	1	0	0

EXTINCTION COEFFICIENT = .118E-04 PER METER
VISIBILITY LIMIT, UPPER =330196., LOWER =252880. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .909E-04 PER METER
VISIBILITY LIMIT, UPPER = 43041., LOWER = 32963. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = 1.52 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 37
FOR DATA STARTING 5: 0 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

786	829	462	98	23	5	4	3
8	10	4	2	2	0	6	7

EXTINCTION COEFFICIENT = .778E-04 PER METER
VISIBILITY LIMIT, UPPER = 50259., LOWER = 38491. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = 1.50 PER CC

DATA FOR CHANNELS 17 THRU 32

6	4	3	4	0	1	0	0
1	1	0	0	0	1	0	0

EXTINCTION COEFFICIENT = .101E-04 PER METER
VISIBILITY LIMIT, UPPER =387332., LOWER =296637. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .879E-04 PER METER
VISIBILITY LIMIT, UPPER = 44487., LOWER = 34070. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = 1.51 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 38
FOR DATA STARTING 5:10 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

714	823	453	96	28	3	6	4
2	6	4	7	2	0	1	8

EXTINCTION COEFFICIENT = .745E-04 PER METER
VISIBILITY LIMIT, UPPER = 52519., LOWER = 40222. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = 1.44 PER CC

DATA FOR CHANNELS 17 THRU 32

7	5	3	2	2	3	1	0
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .101E-04 PER METER
VISIBILITY LIMIT, UPPER =387118., LOWER =296474. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .846E-04 PER METER
VISIBILITY LIMIT, UPPER = 46245., LOWER = 35417. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = 1.45 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 39
FOR DATA STARTING 5:20 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

798	816	463	105	25	2	1	5
4	8	5	4	1	3	2	6

EXTINCTION COEFFICIENT = .771E-04 PER METER
VISIBILITY LIMIT, UPPER = 50732., LOWER = 38853. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = 1.50 PER CC

DATA FOR CHANNELS 17 THRU 32

3	8	4	4	2	0	0	0
0	1	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .983E-05 PER METER
VISIBILITY LIMIT, UPPER =398158., LOWER =304929. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .869E-04 PER METER
VISIBILITY LIMIT, UPPER = 44998., LOWER = 34462. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = 1.51 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 40
FOR DATA STARTING 5:30 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

742	864	490	102	26	3	0	7
3	6	5	5	7	2	5	3

EXTINCTION COEFFICIENT = .787E-04 PER METER
VISIBILITY LIMIT, UPPER = 49724., LOWER = 38081. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = 1.51 PER CC

DATA FOR CHANNELS 17 THRU 32

6	3	6	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .531E-05 PER METER
VISIBILITY LIMIT, UPPER =736510., LOWER =564055. METERS
LIQUID WATER CONTENT = .00003 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .840E-04 PER METER
VISIBILITY LIMIT, UPPER = 46579., LOWER = 35673. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.52 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 41
FOR DATA STARTING 5:40 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

720	827	495	106	25	6	0	6
5	11	5	1	4	1	5	2

EXTINCTION COEFFICIENT = .765E-04 PER METER
VISIBILITY LIMIT, UPPER = 51126., LOWER = 39155. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = 1.48 PER CC

DATA FOR CHANNELS 17 THRU 32

4	7	3	2	2	0	1	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .790E-05 PER METER
VISIBILITY LIMIT, UPPER =495432., LOWER =379426. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .844E-04 PER METER
VISIBILITY LIMIT, UPPER = 46343., LOWER = 35492. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = 1.49 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 42
FOR DATA STARTING 5:50 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

755	854	488	114	21	3	2	4
3	5	7	5	0	3	5	7

EXTINCTION COEFFICIENT = .790E-04 PER METER
VISIBILITY LIMIT, UPPER = 49522., LOWER = 37927. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = 1.52 PER CC

DATA FOR CHANNELS 17 THRU 32

6	7	3	2	2	1	0	1
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .927E-05 PER METER
VISIBILITY LIMIT, UPPER =422084., LOWER =323252. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .883E-04 PER METER
VISIBILITY LIMIT, UPPER = 44322., LOWER = 33944. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = 1.53 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 43
FOR DATA STARTING 6: 0 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

824	879	544	131	27	9	0	6
8	9	7	2	2	1	3	5

EXTINCTION COEFFICIENT = .847E-04 PER METER
VISIBILITY LIMIT, UPPER = 46185., LOWER = 35371. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.64 PER CC

DATA FOR CHANNELS 17 THRU 32

3	5	0	2	2	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .507E-05 PER METER
VISIBILITY LIMIT, UPPER =771291., LOWER =590692. METERS
LIQUID WATER CONTENT = .00003 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .898E-04 PER METER
VISIBILITY LIMIT, UPPER = 43576., LOWER = 33372. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = 1.65 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 44
FOR DATA STARTING 6:10 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1069	1145	642	151	36	3	6	6
1	11	4	4	5	2	2	9

EXTINCTION COEFFICIENT = .106E-03 PER METER
VISIBILITY LIMIT, UPPER = 36882., LOWER = 28246. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = 2.06 PER CC

DATA FOR CHANNELS 17 THRU 32

6	3	6	4	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .710E-05 PER METER
VISIBILITY LIMIT, UPPER =551019., LOWER =421997. METERS
LIQUID WATER CONTENT = .00004 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .113E-03 PER METER
VISIBILITY LIMIT, UPPER = 34568., LOWER = 26474. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = 2.08 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 45
FOR DATA STARTING 6:20 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

2229	2137	987	203	50	3	3	6
6	9	7	6	4	2	6	5

EXTINCTION COEFFICIENT = .187E-03 PER METER
VISIBILITY LIMIT, UPPER = 20954., LOWER = 16048. METERS
LIQUID WATER CONTENT = .00036 GM/M3
PARTICLE COUNT = 3.78 PER CC

DATA FOR CHANNELS 17 THRU 32

8	4	5	6	5	1	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .118E-04 PER METER
VISIBILITY LIMIT, UPPER =331629., LOWER =253978. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .198E-03 PER METER
VISIBILITY LIMIT, UPPER = 19709., LOWER = 15094. METERS
LIQUID WATER CONTENT = .00044 GM/M3
PARTICLE COUNT = 3.80 PER CC

NEPHELOMETER DATA

SERIES # CTS- 4, TEST # 46
FOR DATA STARTING 6:30 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

7576	7416	3390	579	174	5	3	1
3	14	13	5	3	3	2	7

EXTINCTION COEFFICIENT = .619E-03 PER METER
VISIBILITY LIMIT, UPPER = 6323., LOWER = 4842, METERS
LIQUID WATER CONTENT = .00116 GM/M3
PARTICLE COUNT = 12.80 PER CC

DATA FOR CHANNELS 17 THRU 32

3	3	4	2	4	0	2	0
3	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .113E-04 PER METER
VISIBILITY LIMIT, UPPER =346170., LOWER =265114, METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .630E-03 PER METER
VISIBILITY LIMIT, UPPER = 6209., LOWER = 4755, METERS
LIQUID WATER CONTENT = .00125 GM/M3
PARTICLE COUNT = 12.81 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 1
FOR DATA STARTING 19:30 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

3304	2834	1387	295	69	1	0	0
1	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .252E-03 PER METER
VISIBILITY LIMIT, UPPER = 15526., LOWER = 11891. METERS
LIQUID WATER CONTENT = .00047 GM/M3
PARTICLE COUNT = 5.26 PER CC

DATA FOR CHANNELS 17 THRU 32

0	0	1	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .803E-06 PER METER
VISIBILITY LIMIT, UPPER =4871479, LOWER =3730815 METERS
LIQUID WATER CONTENT = .00001 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .253E-03 PER METER
VISIBILITY LIMIT, UPPER = 15477., LOWER = 11853. METERS
LIQUID WATER CONTENT = .00047 GM/M3
PARTICLE COUNT = 5.26 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 2
FOR DATA STARTING 19:40 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1836	1961	1006	252	59	3	6	6
9	10	10	4	4	4	9	9

EXTINCTION COEFFICIENT = .176E-03 PER METER
VISIBILITY LIMIT, UPPER = 22240., LOWER = 17033. METERS
LIQUID WATER CONTENT = .00035 GM/M3
PARTICLE COUNT = 3.46 PER CC

DATA FOR CHANNELS 17 THRU 32

13	11	7	4	0	2	0	0
1	2	0	0	0	0	0	1

EXTINCTION COEFFICIENT = .180E-04 PER METER
VISIBILITY LIMIT, UPPER =217266., LOWER =166393. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .194E-03 PER METER
VISIBILITY LIMIT, UPPER = 20175., LOWER = 15451. METERS
LIQUID WATER CONTENT = .00050 GM/M3
PARTICLE COUNT = 3.49 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 3
FOR DATA STARTING 19150 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1638	1754	930	201	52	9	3	12
14	19	10	5	11	8	14	18

EXTINCTION COEFFICIENT = .165E-03 PER METER
VISIBILITY LIMIT, UPPER = 23644., LOWER = 18107. METERS
LIQUID WATER CONTENT = .00035 GM/M3
PARTICLE COUNT = 3.13 PER CC

DATA FOR CHANNELS 17 THRU 32

12	10	8	6	2	1	2	1
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .167E-04 PER METER
VISIBILITY LIMIT, UPPER =234436., LOWER =179542. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER =1400069, LOWER =1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .185E-03 PER METER
VISIBILITY LIMIT, UPPER = 21153., LOWER = 16200. METERS
LIQUID WATER CONTENT = .00051 GM/M3
PARTICLE COUNT = 3.16 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 4
FOR DATA STARTING 20: 0 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1642	1682	861	198	62	7	7	14
15	18	18	8	6	11	14	19

EXTINCTION COEFFICIENT = .163E-03 PER METER
VISIBILITY LIMIT, UPPER = 24047., LOWER = 18416. METERS
LIQUID WATER CONTENT = .00035 GM/M3
PARTICLE COUNT = 3.05 PER CC

DATA FOR CHANNELS 17 THRU 32

12	10	7	8	3	3	1	0
3	0	1	0	1	0	0	0

EXTINCTION COEFFICIENT = .219E-04 PER METER
VISIBILITY LIMIT, UPPER =178559., LOWER =136749. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .185E-03 PER METER
VISIBILITY LIMIT, UPPER = 21193., LOWER = 16231. METERS
LIQUID WATER CONTENT = .00051 GM/M3
PARTICLE COUNT = 3.09 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 5
FOR DATA STARTING 20:10 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1679	1810	893	199	53	7	9	8
16	13	12	9	8	13	5	20

EXTINCTION COEFFICIENT = .166E-03 PER METER
VISIBILITY LIMIT, UPPER = 23517., LOWER = 18010. METERS
LIQUID WATER CONTENT = .00035 GM/M3
PARTICLE COUNT = 3.17 PER CC

DATA FOR CHANNELS 17 THRU 32

16	13	13	7	6	1	0	0
0	0	2	0	1	0	0	1

EXTINCTION COEFFICIENT = .264E-04 PER METER
VISIBILITY LIMIT, UPPER =148024., LOWER =113364. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .193E-03 PER METER
VISIBILITY LIMIT, UPPER = 20293., LOWER = 15541. METERS
LIQUID WATER CONTENT = .00056 GM/M3
PARTICLE COUNT = 3.21 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 6
FOR DATA STARTING 20120 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1946	2048	1004	232	67	15	5	7
2	15	13	8	7	11	14	15

EXTINCTION COEFFICIENT = .187E-03 PER METER
VISIBILITY LIMIT, UPPER = 20923., LOWER = 16024. METERS
LIQUID WATER CONTENT = .00038 GM/M3
PARTICLE COUNT = 3.61 PER CC

DATA FOR CHANNELS 17 THRU 32

10	11	6	3	8	3	0	3
0	0	3	0	0	0	1	0

EXTINCTION COEFFICIENT = .235E-04 PER METER
VISIBILITY LIMIT, UPPER =166499., LOWER =127513. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .373E-05 PER METER
VISIBILITY LIMIT, UPPER =1049934, LOWER =804091. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .214E-03 PER METER
VISIBILITY LIMIT, UPPER = 18264., LOWER = 13987. METERS
LIQUID WATER CONTENT = .00065 GM/M3
PARTICLE COUNT = 3.64 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 7
FOR DATA STARTING 20:30 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1785	1975	1070	255	59	6	7	8
14	16	10	6	10	15	16	19

EXTINCTION COEFFICIENT = .186E-03 PER METER
VISIBILITY LIMIT, UPPER = 21034., LOWER = 16109. METERS
LIQUID WATER CONTENT = .00039 GM/M3
PARTICLE COUNT = 3.51 PER CC

DATA FOR CHANNELS 17 THRU 32

21	12	10	6	6	2	2	1
0	1	0	1	2	0	1	0

EXTINCTION COEFFICIENT = .299E-04 PER METER
VISIBILITY LIMIT, UPPER =130878., LOWER =100233. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .216E-03 PER METER
VISIBILITY LIMIT, UPPER = 18122., LOWER = 13879. METERS
LIQUID WATER CONTENT = .00063 GM/M3
PARTICLE COUNT = 3.56 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 8
FOR DATA STARTING 20:40 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1840	2143	1113	263	67	11	10	8
22	15	11	8	7	9	10	23

EXTINCTION COEFFICIENT = .195E-03 PER METER
VISIBILITY LIMIT, UPPER = 20070., LOWER = 15371. METERS
LIQUID WATER CONTENT = .00041 GM/M3
PARTICLE COUNT = 3.71 PER CC

DATA FOR CHANNELS 17 THRU 32

11	14	8	14	5	2	2	1
2	1	3	3	0	0	0	0

EXTINCTION COEFFICIENT = .327E-04 PER METER
VISIBILITY LIMIT, UPPER =119532., LOWER = 91544. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .228E-03 PER METER
VISIBILITY LIMIT, UPPER = 17185., LOWER = 13161. METERS
LIQUID WATER CONTENT = .00067 GM/M3
PARTICLE COUNT = 3.75 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 9
FOR DATA STARTING 20150 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1799	2022	1077	212	57	8	6	6
19	15	14	11	4	10	14	20

EXTINCTION COEFFICIENT = .186E-03 PER METER
VISIBILITY LIMIT, UPPER = 21082., LOWER = 16146. METERS
LIQUID WATER CONTENT = .00039 GM/M3
PARTICLE COUNT = 3.53 PER CC

DATA FOR CHANNELS 17 THRU 32

12	16	15	6	8	3	4	1
1	1	2	0	1	1	0	0

EXTINCTION COEFFICIENT = .335E-04 PER METER
VISIBILITY LIMIT, UPPER =116950., LOWER = 89566. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .219E-03 PER METER
VISIBILITY LIMIT, UPPER = 17862., LOWER = 13680. METERS
LIQUID WATER CONTENT = .00065 GM/M3
PARTICLE COUNT = 3.58 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 10
FOR DATA STARTING 21: 0 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1864	2117	1104	214	59	8	3	7
18	20	17	4	9	8	11	9

EXTINCTION COEFFICIENT = .188E-03 PER METER
VISIBILITY LIMIT, UPPER = 20757., LOWER = 15897. METERS
LIQUID WATER CONTENT = .00038 GM/M3
PARTICLE COUNT = 3.65 PER CC

DATA FOR CHANNELS 17 THRU 32

13	6	12	10	4	1	1	3
1	2	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .242E-04 PER METER
VISIBILITY LIMIT, UPPER =161981., LOWER =124053. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .213E-03 PER METER
VISIBILITY LIMIT, UPPER = 18399., LOWER = 14091. METERS
LIQUID WATER CONTENT = .00056 GM/M3
PARTICLE COUNT = 3.68 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 11
FOR DATA STARTING 21:10 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1838	2019	1090	228	82	8	8	13
8	15	6	10	3	15	13	17

EXTINCTION COEFFICIENT = .187E-03 PER METER
VISIBILITY LIMIT, UPPER = 20875., LOWER = 15987. METERS
LIQUID WATER CONTENT = .00039 GM/M3
PARTICLE COUNT = 3.58 PER CC

DATA FOR CHANNELS 17 THRU 32

12	13	13	6	9	1	2	2
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .239E-04 PER METER
VISIBILITY LIMIT, UPPER =163687., LOWER =125360. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .211E-03 PER METER
VISIBILITY LIMIT, UPPER = 18514., LOWER = 14179. METERS
LIQUID WATER CONTENT = .00055 GM/M3
PARTICLE COUNT = 3.62 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 12
FOR DATA STARTING 21:20 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1618	1986	1049	198	41	8	6	11
12	11	15	9	10	7	9	15

EXTINCTION COEFFICIENT = .174E-03 PER METER
VISIBILITY LIMIT, UPPER = 22452., LOWER = 17195. METERS
LIQUID WATER CONTENT = .00036 GM/M3
PARTICLE COUNT = 3.34 PER CC

DATA FOR CHANNELS 17 THRU 32

13	11	5	2	4	0	0	0
0	0	0	1	1	0	1	0

EXTINCTION COEFFICIENT = .169E-04 PER METER
VISIBILITY LIMIT, UPPER =231168., LOWER =177039. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .191E-03 PER METER
VISIBILITY LIMIT, UPPER = 20464., LOWER = 15673. METERS
LIQUID WATER CONTENT = .00050 GM/M3
PARTICLE COUNT = 3.36 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 13
FOR DATA STARTING 21:30 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1897	2133	1096	251	49	6	10	8
15	12	7	8	9	3	16	10

EXTINCTION COEFFICIENT = .190E-03 PER METER
VISIBILITY LIMIT, UPPER = 20611., LOWER = 15785. METERS
LIQUID WATER CONTENT = .00038 GM/M3
PARTICLE COUNT = 3.69 PER CC

DATA FOR CHANNELS 17 THRU 32

9	10	3	11	2	0	0	0
2	1	2	0	0	0	0	0

EXTINCTION COEFFICIENT = .177E-04 PER METER
VISIBILITY LIMIT, UPPER =220603., LOWER =168949. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .208E-03 PER METER
VISIBILITY LIMIT, UPPER = 18850., LOWER = 14436. METERS
LIQUID WATER CONTENT = .00052 GM/M3
PARTICLE COUNT = 3.71 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 14
FOR DATA STARTING 21:40 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1856	2474	1112	250	41	11	7	13
20	11	7	6	2	10	8	14

EXTINCTION COEFFICIENT = .200E-03 PER METER
VISIBILITY LIMIT, UPPER = 19578., LOWER = 14994. METERS
LIQUID WATER CONTENT = .00040 GM/M3
PARTICLE COUNT = 3.89 PER CC

DATA FOR CHANNELS 17 THRU 32

13	10	12	4	3	2	1	2
2	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .207E-04 PER METER
VISIBILITY LIMIT, UPPER =189224., LOWER =144917. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .220E-03 PER METER
VISIBILITY LIMIT, UPPER = 17742., LOWER = 13588. METERS
LIQUID WATER CONTENT = .00055 GM/M3
PARTICLE COUNT = 3.93 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 15
FOR DATA STARTING 21:50 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1735	2181	1079	233	50	8	7	6
8	4	3	3	5	6	6	16

EXTINCTION COEFFICIENT = .182E-03 PER METER
VISIBILITY LIMIT, UPPER = 21505., LOWER = 16470. METERS
LIQUID WATER CONTENT = .00036 GM/M3
PARTICLE COUNT = 3.57 PER CC

DATA FOR CHANNELS 17 THRU 32

5	9	3	4	4	3	1	0
1	0	2	1	0	0	0	0

EXTINCTION COEFFICIENT = .161E-04 PER METER
VISIBILITY LIMIT, UPPER =242757., LOWER =185915. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .198E-03 PER METER
VISIBILITY LIMIT, UPPER = 19755., LOWER = 15130. METERS
LIQUID WATER CONTENT = .00049 GM/M3
PARTICLE COUNT = 3.59 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 16
FOR DATA STARTING 22: 0 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1788	2166	1125	229	55	8	9	7
13	20	11	10	8	12	12	9

EXTINCTION COEFFICIENT = .190E-03 PER METER
VISIBILITY LIMIT, UPPER = 20590., LOWER = 15768. METERS
LIQUID WATER CONTENT = .00039 GM/M3
PARTICLE COUNT = 3.65 PER CC

DATA FOR CHANNELS 17 THRU 32

15	10	6	5	2	2	0	0
0	3	0	0	1	0	2	0

EXTINCTION COEFFICIENT = .228E-04 PER METER
VISIBILITY LIMIT, UPPER =171785., LOWER =131562. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .213E-03 PER METER
VISIBILITY LIMIT, UPPER = 18386., LOWER = 14081. METERS
LIQUID WATER CONTENT = .00059 GM/M3
PARTICLE COUNT = 3.69 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 17
FOR DATA STARTING 22:10 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1821	2092	1142	235	58	10	6	14
16	18	10	10	7	12	8	18

EXTINCTION COEFFICIENT = .191E-03 PER METER
VISIBILITY LIMIT, UPPER = 20465., LOWER = 15673. METERS
LIQUID WATER CONTENT = .00039 GM/M3
PARTICLE COUNT = 3.65 PER CC

DATA FOR CHANNELS 17 THRU 32

15	12	15	5	1	3	2	1
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .210E-04 PER METER
VISIBILITY LIMIT, UPPER =186286., LOWER =142667. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .212E-03 PER METER
VISIBILITY LIMIT, UPPER = 18440., LOWER = 14122. METERS
LIQUID WATER CONTENT = .00053 GM/M3
PARTICLE COUNT = 3.69 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 18
FOR DATA STARTING 22:20 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

2021	2326	1230	280	55	7	7	9
21	19	15	7	5	11	6	14

EXTINCTION COEFFICIENT = .208E-03 PER METER
VISIBILITY LIMIT, UPPER = 18833., LOWER = 14423. METERS
LIQUID WATER CONTENT = .00042 GM/M3
PARTICLE COUNT = 4.02 PER CC

DATA FOR CHANNELS 17 THRU 32

11	13	2	11	5	4	1	0
0	4	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .235E-04 PER METER
VISIBILITY LIMIT, UPPER =166806., LOWER =127748. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .231E-03 PER METER
VISIBILITY LIMIT, UPPER = 16923., LOWER = 12960. METERS
LIQUID WATER CONTENT = .00060 GM/M3
PARTICLE COUNT = 4.06 PER CC

NEPHELOMETER DATA

SERIES # CTS= 5, TEST # 19
FOR DATA STARTING 22:30 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

1837	2150	1150	257	86	4	5	6
10	12	16	4	8	9	12	15

EXTINCTION COEFFICIENT = .194E-03 PER METER
VISIBILITY LIMIT, UPPER = 20211., LOWER = 15479. METERS
LIQUID WATER CONTENT = .00040 GM/M3
PARTICLE COUNT = 3.72 PER CC

DATA FOR CHANNELS 17 THRU 32

16	8	4	7	1	1	4	2
0	0	0	0	0	1	0	0

EXTINCTION COEFFICIENT = .186E-04 PER METER
VISIBILITY LIMIT, UPPER =210057., LOWER =160872. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER =1400069, LOWER =1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .215E-03 PER METER
VISIBILITY LIMIT, UPPER = 18197., LOWER = 13936. METERS
LIQUID WATER CONTENT = .00058 GM/M3
PARTICLE COUNT = 3.75 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 20
FOR DATA STARTING 22:40 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

2085	2414	1291	282	61	8	8	11
15	21	13	8	12	15	6	19

EXTINCTION COEFFICIENT = .218E-03 PER METER
VISIBILITY LIMIT, UPPER = 17954., LOWER = 13750. METERS
LIQUID WATER CONTENT = .00045 GM/M3
PARTICLE COUNT = 4.18 PER CC

DATA FOR CHANNELS 17 THRU 32

14	11	7	7	5	1	0	1
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .178E-04 PER METER
VISIBILITY LIMIT, UPPER =219877., LOWER =168393. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER =1400069, LOWER =1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .238E-03 PER METER
VISIBILITY LIMIT, UPPER = 16404., LOWER = 12563. METERS
LIQUIC WATER CONTENT = .00061 GM/M3
PARTICLE COUNT = 4.21 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 21
FOR DATA STARTING 22:50 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

2244	2675	1387	282	63	7	11	10
16	21	14	12	4	10	11	11

EXTINCTION COEFFICIENT = .232E-03 PER METER
VISIBILITY LIMIT, UPPER = 16847., LOWER = 12902. METERS
LIQUID WATER CONTENT = .00047 GM/M3
PARTICLE COUNT = 4.52 PER CC

DATA FOR CHANNELS 17 THRU 32

15	12	10	7	3	3	5	1
2	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .249E-04 PER METER
VISIBILITY LIMIT, UPPER =157213., LOWER =120401. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .257E-03 PER METER
VISIBILITY LIMIT, UPPER = 15217., LOWER = 11654. METERS
LIQUID WATER CONTENT = .00064 GM/M3
PARTICLE COUNT = 4.56 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 22
FOR DATA STARTING 23: 0 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

2223	2627	1416	330	59	9	5	17
16	12	13	6	10	8	13	8

EXTINCTION COEFFICIENT = .232E-03 PER METER
VISIBILITY LIMIT, UPPER = 16885., LOWER = 12931. METERS
LIQUID WATER CONTENT = .00046 GM/M3
PARTICLE COUNT = 4.51 PER CC

DATA FOR CHANNELS 17 THRU 32

11	12	8	6	3	4	0	1
0	0	2	0	0	0	0	0

EXTINCTION COEFFICIENT = .194E-04 PER METER
VISIBILITY LIMIT, UPPER =201451., LOWER =154281. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .251E-03 PER METER
VISIBILITY LIMIT, UPPER = 15579., LOWER = 11931. METERS
LIQUID WATER CONTENT = .00060 GM/M3
PARTICLE COUNT = 4.55 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 23
FOR DATA STARTING 23:10 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

2393	2538	1312	293	65	7	7	5
12	18	8	5	4	7	7	9

EXTINCTION COEFFICIENT = .225E-03 PER METER
VISIBILITY LIMIT UPPER = 17395., LOWER = 13322. METERS
LIQUID WATER CONTENT = .00044 GM/M3
PARTICLE COUNT = 4.46 PER CC

DATA FOR CHANNELS 17 THRU 32

10	9	6	4	1	1	0	0
3	1	0	0	0	2	0	0

EXTINCTION COEFFICIENT = .180E-04 PER METER
VISIBILITY LIMIT, UPPER =216991., LOWER =166182. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .243E-03 PER METER
VISIBILITY LIMIT, UPPER = 16104., LOWER = 12333. METERS
LIQUID WATER CONTENT = .00060 GM/M3
PARTICLE COUNT = 4.48 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 24
FOR DATA STARTING 23:20 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

2315	2614	1286	257	58	12	1	13
10	18	9	10	1	4	8	11

EXTINCTION COEFFICIENT = .223E-03 PER METER
VISIBILITY LIMIT, UPPER = 17535., LOWER = 13429. METERS
LIQUID WATER CONTENT = .00044 GM/M3
PARTICLE COUNT = 4.42 PER CC

DATA FOR CHANNELS 17 THRU 32

12	6	7	7	5	1	1	0
0	0	1	0	0	1	0	0

EXTINCTION COEFFICIENT = .176E-04 PER METER
VISIBILITY LIMIT, UPPER =221948., LOWER =169978. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .241E-03 PER METER
VISIBILITY LIMIT, UPPER = 16251., LOWER = 12446. METERS
LIQUID WATER CONTENT = .00057 GM/M3
PARTICLE COUNT = 4.45 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 25
FOR DATA STARTING 23130 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

2506	2606	1368	308	72	8	8	13
13	17	12	6	4	10	8	15

EXTINCTION COEFFICIENT = .237E-03 PER METER
VISIBILITY LIMIT, UPPER = 16516., LOWER = 12649. METERS
LIQUID WATER CONTENT = .00047 GM/M3
PARTICLE COUNT = 4.65 PER CC

DATA FOR CHANNELS 17 THRU 32

10	11	9	7	2	1	3	1
2	0	1	1	0	1	0	0

EXTINCTION COEFFICIENT = .232E-04 PER METER
VISIBILITY LIMIT, UPPER =168958., LOWER =129396. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .260E-03 PER METER
VISIBILITY LIMIT, UPPER = 15045., LOWER = 11522. METERS
LIQUID WATER CONTENT = .00066 GM/M3
PARTICLE COUNT = 4.68 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 26
FOR DATA STARTING 23:40 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

2563	2692	1369	292	85	5	3	7
6	10	8	10	7	7	1	15

EXTINCTION COEFFICIENT = .237E-03 PER METER
VISIBILITY LIMIT, UPPER = 16474., LOWER = 12617. METERS
LIQUID WATER CONTENT = .00047 GM/M3
PARTICLE COUNT = 4.72 PER CC

DATA FOR CHANNELS 17 THRU 32

8	3	3	9	2	3	0	1
1	0	0	1	1	0	0	0

EXTINCTION COEFFICIENT = .155E-04 PER METER
VISIBILITY LIMIT, UPPER =252518., LOWER =193391. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .253E-03 PER METER
VISIBILITY LIMIT, UPPER = 15465., LOWER = 11844. METERS
LIQUID WATER CONTENT = .00059 GM/M3
PARTICLE COUNT = 4.74 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 27
FOR DATA STARTING 23:50 ON 20/ 4/74

DATA FOR CHANNELS 1 THRU 16

2723	2837	1462	294	66	6	4	9
14	16	13	9	5	3	16	5

EXTINCTION COEFFICIENT = .251E-03 PER METER
VISIBILITY LIMIT, UPPER = 15588., LOWER = 11938, METERS
LIQUID WATER CONTENT = .00049 GM/M3
PARTICLE COUNT = 4.99 PER CC

DATA FOR CHANNELS 17 THRU 32

9	6	3	2	3	2	3	0
0	1	1	1	0	0	0	0

EXTINCTION COEFFICIENT = .146E-04 PER METER
VISIBILITY LIMIT, UPPER =267637., LOWER =204969, METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .266E-03 PER METER
VISIBILITY LIMIT, UPPER = 14730., LOWER = 11281, METERS
LIQUID WATER CONTENT = .00061 GM/M3
PARTICLE COUNT = 5.01 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 28
FOR DATA STARTING 0: 0 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2758	2878	1464	336	86	7	5	7
15	6	8	4	10	4	4	9

EXTINCTION COEFFICIENT = .253E-03 PER METER
VISIBILITY LIMIT, UPPER = 15443., LOWER = 11827. METERS
LIQUID WATER CONTENT = .00049 GM/M3
PARTICLE COUNT = 5.07 PER CC

DATA FOR CHANNELS 17 THRU 32

11	7	6	3	1	0	2	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .117E-04 PER METER
VISIBILITY LIMIT, UPPER =334262., LOWER =255994. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .265E-03 PER METER
VISIBILITY LIMIT, UPPER = 14761., LOWER = 11305. METERS
LIQUID WATER CONTENT = .00057 GM/M3
PARTICLE COUNT = 5.09 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 29
FOR DATA STARTING 0:10 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2509	2865	1444	288	86	8	4	0
19	15	10	6	9	8	10	9

EXTINCTION COEFFICIENT = .246E-03 PER METER
VISIBILITY LIMIT, UPPER = 15890., LOWER = 12169. METERS
LIQUID WATER CONTENT = .00049 GM/M3
PARTICLE COUNT = 4.86 PER CC

DATA FOR CHANNELS 17 THRU 32

13	14	3	6	5	0	3	2
0	2	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .199E-04 PER METER
VISIBILITY LIMIT, UPPER =196622., LOWER =150583. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .373E-05 PER METER
VISIBILITY LIMIT, UPPER =1049934, LOWER =804091. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .270E-03 PER METER
VISIBILITY LIMIT, UPPER = 14499., LOWER = 11104. METERS
LIQUID WATER CONTENT = .00070 GM/M3
PARTICLE COUNT = 4.89 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 30
FOR DATA STARTING 0:20 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2280	2811	1368	307	73	3	2	4
5	20	13	10	11	7	8	8

EXTINCTION COEFFICIENT = .235E-03 PER METER
VISIBILITY LIMIT, UPPER = 16653., LOWER = 12753. METERS
LIQUID WATER CONTENT = .00047 GM/M3
PARTICLE COUNT = 4.62 PER CC

DATA FOR CHANNELS 17 THRU 32

12	2	7	1	3	4	2	0
1	0	1	0	0	1	0	0

EXTINCTION COEFFICIENT = .160E-04 PER METER
VISIBILITY LIMIT, UPPER =244091., LOWER =186937. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .251E-03 PER METER
VISIBILITY LIMIT, UPPER = 15589., LOWER = 11939. METERS
LIQUID WATER CONTENT = .00059 GM/M3
PARTICLE COUNT = 4.64 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 31
FOR DATA STARTING 0130 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2621	2940	1454	300	62	10	7	6
12	12	5	2	6	11	9	10

EXTINCTION COEFFICIENT = .250E-03 PER METER
VISIBILITY LIMIT, UPPER = 15632., LOWER = 11971. METERS
LIQUID WATER CONTENT = .00049 GM/M3
PARTICLE COUNT = 4.98 PER CC

DATA FOR CHANNELS 17 THRU 32

14	10	9	6	0	1	0	1
1	0	0	0	0	0	0	1

EXTINCTION COEFFICIENT = .177E-04 PER METER
VISIBILITY LIMIT, UPPER =220782., LOWER =169085. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER =1400069, LOWER =1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .271E-03 PER METER
VISIBILITY LIMIT, UPPER = 14447., LOWER = 11065. METERS
LIQUID WATER CONTENT = .00068 GM/M3
PARTICLE COUNT = 5.01 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 32
FOR DATA STARTING 0:40 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2469	3004	1485	353	67	9	9	5
25	23	14	12	8	3	11	19

EXTINCTION COEFFICIENT = .258E-03 PER METER
VISIBILITY LIMIT, UPPER = 15168., LOWER = 11616. METERS
LIQUID WATER CONTENT = .00052 GM/M3
PARTICLE COUNT = 5.01 PER CC

DATA FOR CHANNELS 17 THRU 32

15	11	6	5	4	1	1	1
0	1	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .187E-04 PER METER
VISIBILITY LIMIT, UPPER =209067., LOWER =160114. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .277E-03 PER METER
VISIBILITY LIMIT, UPPER = 14142., LOWER = 10830. METERS
LIQUID WATER CONTENT = .00066 GM/M3
PARTICLE COUNT = 5.04 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 33
FOR DATA STARTING 0:50 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2462	2923	1503	298	76	9	14	14
17	23	19	6	7	8	11	17

EXTINCTION COEFFICIENT = .254E-03 PER METER
VISIBILITY LIMIT, UPPER = 15389., LOWER = 11786. METERS
LIQUID WATER CONTENT = .00051 GM/M3
PARTICLE COUNT = 4.94 PER CC

DATA FOR CHANNELS 17 THRU 32

13	7	8	9	5	0	2	0
1	0	0	2	0	0	0	0

EXTINCTION COEFFICIENT = .202E-04 PER METER
VISIBILITY LIMIT, UPPER =194024., LOWER =148593. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .373E-05 PER METER
VISIBILITY LIMIT, UPPER =1049934, LOWER =804091. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .278E-03 PER METER
VISIBILITY LIMIT, UPPER = 14067., LOWER = 10773. METERS
LIQUID WATER CONTENT = .00074 GM/M3
PARTICLE COUNT = 4.97 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 34
FOR DATA STARTING 1: 0 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2406	2637	1402	274	71	7	11	9
13	11	5	9	7	6	10	9

EXTINCTION COEFFICIENT = .232E-03 PER METER
VISIBILITY LIMIT, UPPER = 16837., LOWER = 12895. METERS
LIQUID WATER CONTENT = .00046 GM/M3
PARTICLE COUNT = 4.59 PER CC

DATA FOR CHANNELS 17 THRU 32

7	14	8	3	3	0	0	2
0	0	0	0	0	1	1	0

EXTINCTION COEFFICIENT = .177E-04 PER METER
VISIBILITY LIMIT, UPPER =221286., LOWER =169471. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .250E-03 PER METER
VISIBILITY LIMIT, UPPER = 15647., LOWER = 11983. METERS
LIQUID WATER CONTENT = .00061 GM/M3
PARTICLE COUNT = 4.62 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 35
FOR DATA STARTING 1:10 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2434	2725	1438	320	63	3	10	7
11	18	19	9	6	11	9	7

EXTINCTION COEFFICIENT = .241E-03 PER METER
VISIBILITY LIMIT, UPPER = 16254., LOWER = 12448. METERS
LIQUID WATER CONTENT = .00048 GM/M3
PARTICLE COUNT = 4.73 PER CC

DATA FOR CHANNELS 17 THRU 32

10	4	6	3	6	0	1	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .121E-04 PER METER
VISIBILITY LIMIT, UPPER =322212., LOWER =246766. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER =1400069, LOWER =1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .256E-03 PER METER
VISIBILITY LIMIT, UPPER = 15304., LOWER = 11721. METERS
LIQUID WATER CONTENT = .00061 GM/M3
PARTICLE COUNT = 4.75 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 36
FOR DATA STARTING 1:20 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2525	2797	1543	307	81	5	8	11
12	15	12	6	3	8	5	10

EXTINCTION COEFFICIENT = .248E-03 PER METER
VISIBILITY LIMIT, UPPER = 15806., LOWER = 12105. METERS
LIQUID WATER CONTENT = .00049 GM/M3
PARTICLE COUNT = 4.90 PER CC

DATA FOR CHANNELS 17 THRU 32

15	4	9	6	2	1	2	0
1	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .166E-04 PER METER
VISIBILITY LIMIT, UPPER =236274., LOWER =180950. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER =1212427, LOWER =928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .267E-03 PER METER
VISIBILITY LIMIT, UPPER = 14636., LOWER = 11209. METERS
LIQUID WATER CONTENT = .00066 GM/M3
PARTICLE COUNT = 4.93 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 37
FOR DATA STARTING 1:30 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2713	3097	1634	374	70	9	9	4
17	19	13	10	5	4	10	13

EXTINCTION COEFFICIENT = .271E-03 PER METER
VISIBILITY LIMIT, UPPER = 14445., LOWER = 11063. METERS
LIQUID WATER CONTENT = .00054 GM/M3
PARTICLE COUNT = 5.33 PER CC

DATA FOR CHANNELS 17 THRU 32

16	9	13	8	2	0	0	0
0	1	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .189E-04 PER METER
VISIBILITY LIMIT, UPPER =207458., LOWER =158882. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .290E-03 PER METER
VISIBILITY LIMIT, UPPER = 13505., LOWER = 10343. METERS
LIQUIC WATER CONTENT = .00066 GM/M3
PARTICLE COUNT = 5.37 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 38
FOR DATA STARTING 1:40 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2613	3312	1688	351	87	16	9	15
26	28	13	9	4	11	16	16

EXTINCTION COEFFICIENT = .283E-03 PER METER
VISIBILITY LIMIT, UPPER = 13836., LOWER = 10596. METERS
LIQUID WATER CONTENT = .00057 GM/M3
PARTICLE COUNT = 5.48 PER CC

DATA FOR CHANNELS 17 THRU 32

17	2	8	8	5	5	1	2
1	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .216E-04 PER METER
VISIBILITY LIMIT, UPPER =181004., LOWER =138621. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .373E-05 PER METER
VISIBILITY LIMIT, UPPER =1049934, LOWER =804091. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .308E-03 PER METER
VISIBILITY LIMIT, UPPER = 12698., LOWER = 9725. METERS
LIQUID WATER CONTENT = .00080 GM/M3
PARTICLE COUNT = 5.51 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 39
FOR DATA STARTING 1:50 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2456	3344	1637	366	68	7	17	14
30	20	21	16	8	14	9	10

EXTINCTION COEFFICIENT = .277E-03 PER METER
VISIBILITY LIMIT, UPPER = 14132., LOWER = 10823. METERS
LIQUID WATER CONTENT = .00056 GM/M3
PARTICLE COUNT = 5.36 PER CC

DATA FOR CHANNELS 17 THRU 32

11	9	7	5	2	1	2	1
2	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .173E-04 PER METER
VISIBILITY LIMIT, UPPER =225558., LOWER =172743. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .294E-03 PER METER
VISIBILITY LIMIT, UPPER = 13299., LOWER = 10185. METERS
LIQUID WATER CONTENT = .00068 GM/M3
PARTICLE COUNT = 5.39 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 40
FOR DATA STARTING 21 0 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2412	3183	1376	340	79	7	7	18
13	23	20	12	10	15	7	18

EXTINCTION COEFFICIENT = .267E-03 PER METER
VISIBILITY LIMIT, UPPER = 14633., LOWER = 11207. METERS
LIQUID WATER CONTENT = .00054 GM/M3
PARTICLE COUNT = 5.16 PER CC

DATA FOR CHANNELS 17 THRU 32

17	10	8	11	10	4	1	0
0	0	1	1	0	0	0	0

EXTINCTION COEFFICIENT = .262E-04 PER METER
VISIBILITY LIMIT, UPPER =149536., LOWER =114522. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

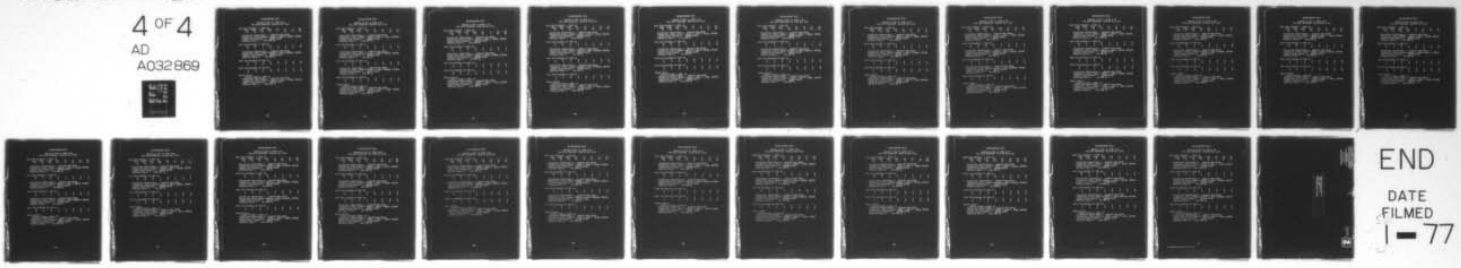
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .293E-03 PER METER
VISIBILITY LIMIT, UPPER = 13329., LOWER = 10208. METERS
LIQUID WATER CONTENT = .00073 GM/M3
PARTICLE COUNT = 5.20 PER CC

AD-A032 869 ARMY ELECTRONICS COMMAND WHITE SANDS MISSILE RANGE N--ETC F/G 4/1
ATMOSPHERIC WATERDROP SIZE DISTRIBUTION AT CAPISTRANO TEST SITE--ETC(U)
SEP 75 D H DICKSON, R B LOVELAND, W H HATCH

UNCLASSIFIED ECOM-DR-75-3-VOL-2 NL

4 OF 4
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END
DATE FILMED
1-77

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 41
FOR DATA STARTING 2110 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2772	3296	1775	380	94	14	6	25
19	22	13	8	7	11	14	21

EXTINCTION COEFFICIENT = .292E-03 PER METER
VISIBILITY LIMIT, UPPER = 13404., LOWER = 10265. METERS
LIQUID WATER CONTENT = .00059 GM/M3
PARTICLE COUNT = 5.65 PER CC

DATA FOR CHANNELS 17 THRU 32

10	13	7	12	4	4	0	2
0	1	1	0	0	0	1	0

EXTINCTION COEFFICIENT = .249E-04 PER METER
VISIBILITY LIMIT, UPPER =157288., LOWER =120459. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .317E-03 PER METER
VISIBILITY LIMIT, UPPER = 12351., LOWER = 9459. METERS
LIQUID WATER CONTENT = .00078 GM/M3
PARTICLE COUNT = 5.69 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 42
FOR DATA STARTING 2120 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

3079	3590	1837	414	97	13	9	11
15	23	12	8	9	8	13	19

EXTINCTION COEFFICIENT = .312E-03 PER METER
VISIBILITY LIMIT, UPPER = 12553., LOWER = 9614. METERS
LIQUID WATER CONTENT = .00062 GM/M3
PARTICLE COUNT = 6.10 PER CC

DATA FOR CHANNELS 17 THRU 32

14	17	8	6	5	1	2	2
0	2	1	1	0	0	1	0

EXTINCTION COEFFICIENT = .276E-04 PER METER
VISIBILITY LIMIT, UPPER =141982., LOWER =108736. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .497E-05 PER METER
VISIBILITY LIMIT, UPPER =787362., LOWER =603000. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .344E-03 PER METER
VISIBILITY LIMIT, UPPER = 11367., LOWER = 8705. METERS
LIQUID WATER CONTENT = .00096 GM/M3
PARTICLE COUNT = 6.15 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 43
FOR DATA STARTING 2136 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2731	3188	1707	350	75	9	15	26
20	17	17	13	12	7	10	26

EXTINCTION COEFFICIENT = .284E-03 PER METER
VISIBILITY LIMIT, UPPER = 13774., LOWER = 10549. METERS
LIQUID WATER CONTENT = .00058 GM/M3
PARTICLE COUNT = 5.48 PER CC

DATA FOR CHANNELS 17 THRU 32

21	9	12	15	9	4	2	1
0	2	1	0	0	0	0	1

EXTINCTION COEFFICIENT = .342E-04 PER METER
VISIBILITY LIMIT, UPPER =114389., LOWER = 87685. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .318E-03 PER METER
VISIBILITY LIMIT, UPPER = 12294., LOWER = 9415. METERS
LIQUID WATER CONTENT = .00064 GM/M3
PARTICLE COUNT = 5.53 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 44
FOR DATA STARTING 2140 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2913	3520	1828	401	95	8	18	18
22	21	18	11	12	10	15	14

EXTINCTION COEFFICIENT = .306E-03 PER METER
VISIBILITY LIMIT, UPPER = 12778., LOWER = 9786. METERS
LIQUID WATER CONTENT = .00062 GM/M3
PARTICLE COUNT = 5.95 PER CC

DATA FOR CHANNELS 17 THRU 32

19	21	6	7	9	1	2	0
1	1	0	0	1	0	0	1

EXTINCTION COEFFICIENT = .296E-04 PER METER
VISIBILITY LIMIT, UPPER =132148., LOWER =101205. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER =1400069, LOWER =1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .339E-03 PER METER
VISIBILITY LIMIT, UPPER = 11555., LOWER = 8849. METERS
LIQUID WATER CONTENT = .00089 GM/M3
PARTICLE COUNT = 6.00 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 45
FOR DATA STARTING 2150 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

3002	3653	1890	485	83	14	17	16
38	26	15	8	9	6	19	23

EXTINCTION COEFFICIENT = .317E-03 PER METER
VISIBILITY LIMIT, UPPER = 12332., LOWER = 9444, METERS
LIQUID WATER CONTENT = .00064 GM/M3
PARTICLE COUNT = 6.14 PER CC

DATA FOR CHANNELS 17 THRU 32

10	13	8	11	7	3	2	2
2	0	2	1	0	1	0	0

EXTINCTION COEFFICIENT = .301E-04 PER METER
VISIBILITY LIMIT, UPPER =130133., LOWER = 99662, METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500, CC
EXTINCTION COEFFICIENT = .347E-03 PER METER
VISIBILITY LIMIT, UPPER = 11264., LOWER = 8627, METERS
LIQUID WATER CONTENT = .00068 GM/M3
PARTICLE COUNT = 6.19 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 46
FOR DATA STARTING 31 0 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2867	3667	1870	413	80	10	13	13
15	25	21	12	10	9	15	19

EXTINCTION COEFFICIENT = .311E-03 PER METER
VISIBILITY LIMIT, UPPER = 12565., LOWER = 9623. METERS
LIQUID WATER CONTENT = .00063 GM/M3
PARTICLE COUNT = 6.04 PER CC

DATA FOR CHANNELS 17 THRU 32

15	8	9	6	8	4	1	0
1	2	1	1	1	0	1	0

EXTINCTION COEFFICIENT = .288E-04 PER METER
VISIBILITY LIMIT, UPPER =135952., LOWER =104119. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .340E-03 PER METER
VISIBILITY LIMIT, UPPER = 11502., LOWER = 8809. METERS
LIQUID WATER CONTENT = .00087 GM/M3
PARTICLE COUNT = 6.08 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 47
FOR DATA STARTING 3:10 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2690	3529	1916	435	84	11	9	8
21	22	20	9	12	14	11	14

EXTINCTION COEFFICIENT = .303E-03 PER METER
VISIBILITY LIMIT, UPPER = 12907., LOWER = 9885. METERS
LIQUID WATER CONTENT = .00061 GM/M3
PARTICLE COUNT = 5.87 PER CC

DATA FOR CHANNELS 17 THRU 32

24	12	11	10	3	2	7	0
0	1	0	2	0	1	0	0

EXTINCTION COEFFICIENT = .318E-04 PER METER
VISIBILITY LIMIT, UPPER =122951., LOWER = 94162. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .335E-03 PER METER
VISIBILITY LIMIT, UPPER = 11681., LOWER = 8946. METERS
LIQUID WATER CONTENT = .00085 GM/M3
PARTICLE COUNT = 5.92 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 48
FOR DATA STARTING 3:20 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

3115	3833	2061	427	108	15	13	19
19	33	18	11	8	12	18	15

EXTINCTION COEFFICIENT = .334E-03 PER METER
VISIBILITY LIMIT, UPPER = 11710., LOWER = 8968. METERS
LIQUID WATER CONTENT = .00067 GM/M3
PARTICLE COUNT = 6.48 PER CC

DATA FOR CHANNELS 17 THRU 32

17	18	20	12	5	5	5	3
0	1	1	1	1	0	0	0

EXTINCTION COEFFICIENT = .370E-04 PER METER
VISIBILITY LIMIT, UPPER =105796., LOWER = 81023. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .497E-05 PER METER
VISIBILITY LIMIT, UPPER =787362., LOWER =603000. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .376E-03 PER METER
VISIBILITY LIMIT, UPPER = 10404., LOWER = 7968. METERS
LIQUID WATER CONTENT = .00106 GM/M3
PARTICLE COUNT = 6.54 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 49
FOR DATA STARTING 3:30 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

3102	3815	1952	379	91	16	14	18
25	23	16	9	5	10	11	18

EXTINCTION COEFFICIENT = .324E-03 PER METER
VISIBILITY LIMIT, UPPER = 12088., LOWER = 9258. METERS
LIQUID WATER CONTENT = .00065 GM/M3
PARTICLE COUNT = 6.34 PER CC

DATA FOR CHANNELS 17 THRU 32

15	17	6	13	5	3	5	0
2	0	0	0	3	0	0	0

EXTINCTION COEFFICIENT = .315E-04 PER METER
VISIBILITY LIMIT, UPPER =124148., LOWER = 95078. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .102E-03 PER METER
VISIBILITY LIMIT, UPPER = 38354., LOWER = 29373. METERS
LIQUID WATER CONTENT = .01061 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .457E-03 PER METER
VISIBILITY LIMIT, UPPER = 8558., LOWER = 6554. METERS
LIQUID WATER CONTENT = .01150 GM/M3
PARTICLE COUNT = 6.38 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 50
FOR DATA STARTING 3:40 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

3026	3495	1882	402	92	7	12	17
25	26	23	10	10	6	11	12

EXTINCTION COEFFICIENT = .309E-03 PER METER
VISIBILITY LIMIT, UPPER = 12670., LOWER = 9704. METERS
LIQUID WATER CONTENT = .00062 GM/M3
PARTICLE COUNT = 6.04 PER CC

DATA FOR CHANNELS 17 THRU 32

15	13	7	9	8	1	2	2
0	0	2	0	0	1	0	0

EXTINCTION COEFFICIENT = .264E-04 PER METER
VISIBILITY LIMIT, UPPER =147921., LOWER =113285. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .335E-03 PER METER
VISIBILITY LIMIT, UPPER = 11671., LOWER = 8938. METERS
LIQUID WATER CONTENT = .00082 GM/M3
PARTICLE COUNT = 6.08 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 53
FOR DATA STARTING 4:10 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

3165	3749	1933	431	99	11	17	12
30	25	17	10	3	6	12	14

EXTINCTION COEFFICIENT = .324E-03 PER METER
VISIBILITY LIMIT, UPPER = 12084., LOWER = 9254. METERS
LIQUID WATER CONTENT = .00064 GM/M3
PARTICLE COUNT = 6.36 PER CC

DATA FOR CHANNELS 17 THRU 32

20	13	8	8	2	2	1	3
1	0	2	0	0	0	1	0

EXTINCTION COEFFICIENT = .266E-04 PER METER
VISIBILITY LIMIT, UPPER =146817., LOWER =112439. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .350E-03 PER METER
VISIBILITY LIMIT, UPPER = 11165., LOWER = 8551. METERS
LIQUID WATER CONTENT = .00085 GM/M3
PARTICLE COUNT = 6.40 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 54
FOR DATA STARTING 4:20 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2719	3249	1693	329	74	10	13	18
14	12	20	16	4	13	8	9

EXTINCTION COEFFICIENT = .278E-03 PER METER
VISIBILITY LIMIT, UPPER = 14047., LOWER = 10758. METERS
LIQUID WATER CONTENT = .00055 GM/M3
PARTICLE COUNT = 5.47 PER CC

DATA FOR CHANNELS 17 THRU 32

13	4	10	4	4	2	1	2
2	1	1	0	0	0	2	0

EXTINCTION COEFFICIENT = .239E-04 PER METER
VISIBILITY LIMIT, UPPER =163969., LOWER =125575. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .302E-03 PER METER
VISIBILITY LIMIT, UPPER = 12939., LOWER = 9909. METERS
LIQUID WATER CONTENT = .00076 GM/M3
PARTICLE COUNT = 5.50 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 55
FOR DATA STARTING 4130 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2561	2974	1622	347	76	8	12	24
33	31	20	17	6	10	14	18

EXTINCTION COEFFICIENT = .271E-03 PER METER
VISIBILITY LIMIT, UPPER = 14453., LOWER = 11069. METERS
LIQUID WATER CONTENT = .00055 GM/M3
PARTICLE COUNT = 5.18 PER CC

DATA FOR CHANNELS 17 THRU 32

22	11	12	8	7	4	5	1
0	1	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .301E-04 PER METER
VISIBILITY LIMIT, UPPER =130146., LOWER = 99672. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER =1212427, LOWER =928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .304E-03 PER METER
VISIBILITY LIMIT, UPPER = 12871., LOWER = 9857. METERS
LIQUID WATER CONTENT = .00083 GM/M3
PARTICLE COUNT = 5.23 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 56
FOR DATA STARTING 4:40 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2841	3346	1843	366	89	11	11	8
14	24	14	12	5	7	10	19

EXTINCTION COEFFICIENT = .294E-03 PER METER
VISIBILITY LIMIT, UPPER = 13306., LOWER = 10190. METERS
LIQUID WATER CONTENT = .00059 GM/M3
PARTICLE COUNT = 5.75 PER CC

DATA FOR CHANNELS 17 THRU 32

14	15	12	4	5	2	1	3
0	0	2	1	0	0	0	1

EXTINCTION COEFFICIENT = .277E-04 PER METER
VISIBILITY LIMIT, UPPER =141352., LOWER =108254. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .322E-03 PER METER
VISIBILITY LIMIT, UPPER = 12161., LOWER = 9314. METERS
LIQUID WATER CONTENT = .00081 GM/M3
PARTICLE COUNT = 5.79 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 57
FOR DATA STARTING 4:50 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2817	3314	1722	354	74	18	18	26
25	27	16	9	5	10	6	16

EXTINCTION COEFFICIENT = .289E-03 PER METER
VISIBILITY LIMIT, UPPER = 13548., LOWER = 10376. METERS
LIQUID WATER CONTENT = .00058 GM/M3
PARTICLE COUNT = 5.64 PER CC

DATA FOR CHANNELS 17 THRU 32

8	7	13	10	4	3	2	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .194E-04 PER METER
VISIBILITY LIMIT, UPPER =201198., LOWER =154087. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .710E-05 PER METER
VISIBILITY LIMIT, UPPER =551239., LOWER =422166. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .315E-03 PER METER
VISIBILITY LIMIT, UPPER = 12408., LOWER = 9503. METERS
LIQUID WATER CONTENT = .00085 GM/M3
PARTICLE COUNT = 5.67 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 58
FOR DATA STARTING 5: 0 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

3177	3891	1871	412	70	10	9	22
25	26	18	7	11	10	13	20

EXTINCTION COEFFICIENT = .327E-03 PER METER
VISIBILITY LIMIT, UPPER = 11953., LOWER = 9154. METERS
LIQUID WATER CONTENT = .00066 GM/M3
PARTICLE COUNT = 6.39 PER CC

DATA FOR CHANNELS 17 THRU 32

21	14	14	10	5	4	2	0
1	0	2	0	1	0	1	0

EXTINCTION COEFFICIENT = .329E-04 PER METER
VISIBILITY LIMIT, UPPER =118828., LOWER = 91005. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .136E-03 PER METER
VISIBILITY LIMIT, UPPER = 28762., LOWER = 22027. METERS
LIQUID WATER CONTENT = .01634 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .496E-03 PER METER
VISIBILITY LIMIT, UPPER = 7884., LOWER = 6038. METERS
LIQUID WATER CONTENT = .01725 GM/M3
PARTICLE COUNT = 6.45 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 59
FOR DATA STARTING 5:10 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

3280	4358	2186	468	113	26	15	24
20	25	21	6	8	13	12	19

EXTINCTION COEFFICIENT = .362E-03 PER METER
VISIBILITY LIMIT, UPPER = 10798., LOWER = 8270. METERS
LIQUID WATER CONTENT = .00072 GM/M3
PARTICLE COUNT = 7.06 PER CC

DATA FOR CHANNELS 17 THRU 32

21	15	6	18	5	6	0	0
1	1	0	0	0	1	1	1

EXTINCTION COEFFICIENT = .349E-04 PER METER
VISIBILITY LIMIT, UPPER =112238., LOWER = 85957. METERS
LIQUID WATER CONTENT = .00029 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .397E-03 PER METER
VISIBILITY LIMIT, UPPER = 9850., LOWER = 7544. METERS
LIQUID WATER CONTENT = .00101 GM/M3
PARTICLE COUNT = 7.11 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 60
FOR DATA STARTING 5:20 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

3356	4289	2153	491	94	14	16	24
33	30	13	13	6	11	6	11

EXTINCTION COEFFICIENT = .358E-03 PER METER
VISIBILITY LIMIT, UPPER = 10922., LOWER = 8365. METERS
LIQUID WATER CONTENT = .00071 GM/M3
PARTICLE COUNT = 7.04 PER CC

DATA FOR CHANNELS 17 THRU 32

20	11	14	2	6	2	1	0
3	1	2	1	1	0	1	0

EXTINCTION COEFFICIENT = .311E-04 PER METER
VISIBILITY LIMIT, UPPER =125926., LOWER = 96440. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .497E-05 PER METER
VISIBILITY LIMIT, UPPER =787362., LOWER =603000. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .394E-03 PER METER
VISIBILITY LIMIT, UPPER = 9924., LOWER = 7600. METERS
LIQUID WATER CONTENT = .00108 GM/M3
PARTICLE COUNT = 7.08 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 61
FOR DATA STARTING 5:30 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

3220	4227	2165	451	94	17	15	17
32	31	28	15	13	11	14	17

EXTINCTION COEFFICIENT = .357E-03 PER METER
VISIBILITY LIMIT, UPPER = 10960., LOWER = 8393. METERS
LIQUID WATER CONTENT = .00072 GM/M3
PARTICLE COUNT = 6.91 PER CC

DATA FOR CHANNELS 17 THRU 32

23	16	8	10	8	4	3	3
0	1	0	1	1	0	0	0

EXTINCTION COEFFICIENT = .334E-04 PER METER
VISIBILITY LIMIT, UPPER =117180., LOWER = 89742. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .390E-03 PER METER
VISIBILITY LIMIT, UPPER = 10022., LOWER = 7675. METERS
LIQUID WATER CONTENT = .00096 GM/M3
PARTICLE COUNT = 6.96 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 62
FOR DATA STARTING 5:40 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

3156	3983	2088	476	86	13	17	19
30	18	17	11	12	10	14	16

EXTINCTION COEFFICIENT = .341E-03 PER METER
VISIBILITY LIMIT, UPPER = 11465., LOWER = 8780. METERS
LIQUID WATER CONTENT = .00068 GM/M3
PARTICLE COUNT = 6.64 PER CC

DATA FOR CHANNELS 17 THRU 32

10	12	8	7	3	1	2	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .171E-04 PER METER
VISIBILITY LIMIT, UPPER =229144., LOWER =175490. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .985E-05 PER METER
VISIBILITY LIMIT, UPPER =397078., LOWER =304101. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .368E-03 PER METER
VISIBILITY LIMIT, UPPER = 10626., LOWER = 8138. METERS
LIQUID WATER CONTENT = .00103 GM/M3
PARTICLE COUNT = 6.67 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 63
FOR DATA STARTING 5:50 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

3166	3677	1939	428	95	15	9	22
29	25	16	20	9	7	16	20

EXTINCTION COEFFICIENT = .326E-03 PER METER
VISIBILITY LIMIT, UPPER = 12016., LOWER = 9202. METERS
LIQUID WATER CONTENT = .00066 GM/M3
PARTICLE COUNT = 6.32 PER CC

DATA FOR CHANNELS 17 THRU 32

17	16	11	6	7	4	1	4
0	1	0	1	1	0	0	0

EXTINCTION COEFFICIENT = .300E-04 PER METER
VISIBILITY LIMIT, UPPER =130196., LOWER = 99710. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .356E-03 PER METER
VISIBILITY LIMIT, UPPER = 11000., LOWER = 8425. METERS
LIQUID WATER CONTENT = .00088 GM/M3
PARTICLE COUNT = 6.37 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 64
FOR DATA STARTING 61 0 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2702	3248	1731	370	95	10	15	18
30	30	12	15	11	13	19	19

EXTINCTION COEFFICIENT = .290E-03 PER METER
VISIBILITY LIMIT, UPPER = 13474., LOWER = 10319. METERS
LIQUID WATER CONTENT = .00060 GM/M3
PARTICLE COUNT = 5.56 PER CC

DATA FOR CHANNELS 17 THRU 32

22	15	10	13	8	4	1	2
1	2	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .329E-04 PER METER
VISIBILITY LIMIT, UPPER =118984., LOWER = 91123. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .323E-03 PER METER
VISIBILITY LIMIT, UPPER = 12103., LOWER = 9269. METERS
LIQUID WATER CONTENT = .00083 GM/M3
PARTICLE COUNT = 5.61 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 65
FOR DATA STARTING 6:10 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

4183	5341	2732	628	126	12	15	24
25	28	27	18	8	9	11	5

EXTINCTION COEFFICIENT = .445E-03 PER METER
VISIBILITY LIMIT, UPPER = 8789., LOWER = 6731. METERS
LIQUID WATER CONTENT = .00087 GM/M3
PARTICLE COUNT = 8.79 PER CC

DATA FOR CHANNELS 17 THRU 32

32	11	5	11	3	6	4	2
3	3	0	0	0	0	1	0

EXTINCTION COEFFICIENT = .360E-04 PER METER
VISIBILITY LIMIT, UPPER =108624., LOWER = 83190. METERS
LIQUID WATER CONTENT = .00028 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .753E-05 PER METER
VISIBILITY LIMIT, UPPER =519578., LOWER =397918. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .489E-03 PER METER
VISIBILITY LIMIT, UPPER = 8006., LOWER = 6131. METERS
LIQUID WATER CONTENT = .00130 GM/M3
PARTICLE COUNT = 8.85 PER CC

NEPHELOMETER DATA

SERIES # CTS- 5, TEST # 66
FOR DATA STARTING 6:20 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

12995	16481	11102	3588	780	36	26	36
43	57	35	27	16	8	18	12

EXTINCTION COEFFICIENT = .154E-02 PER METER
VISIBILITY LIMIT, UPPER = 2545., LOWER = 1949. METERS
LIQUID WATER CONTENT = .00298 GM/M3
PARTICLE COUNT = 30.17 PER CC

DATA FOR CHANNELS 17 THRU 32

19	21	15	9	12	3	3	0
3	1	1	1	0	1	0	0

EXTINCTION COEFFICIENT = .392E-04 PER METER
VISIBILITY LIMIT, UPPER = 99670., LOWER = 76332. METERS
LIQUID WATER CONTENT = .00029 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER =1212427, LOWER =928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS
SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .158E-02 PER METER
VISIBILITY LIMIT, UPPER = 2477., LOWER = 1897. METERS
LIQUID WATER CONTENT = .00333 GM/M3
PARTICLE COUNT = 30.23 PER CC

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