Programmed by

DEPARTMENT OF ENERGY, MINES & RESOURCES

FISHERIES RESEARCH BOARD

and

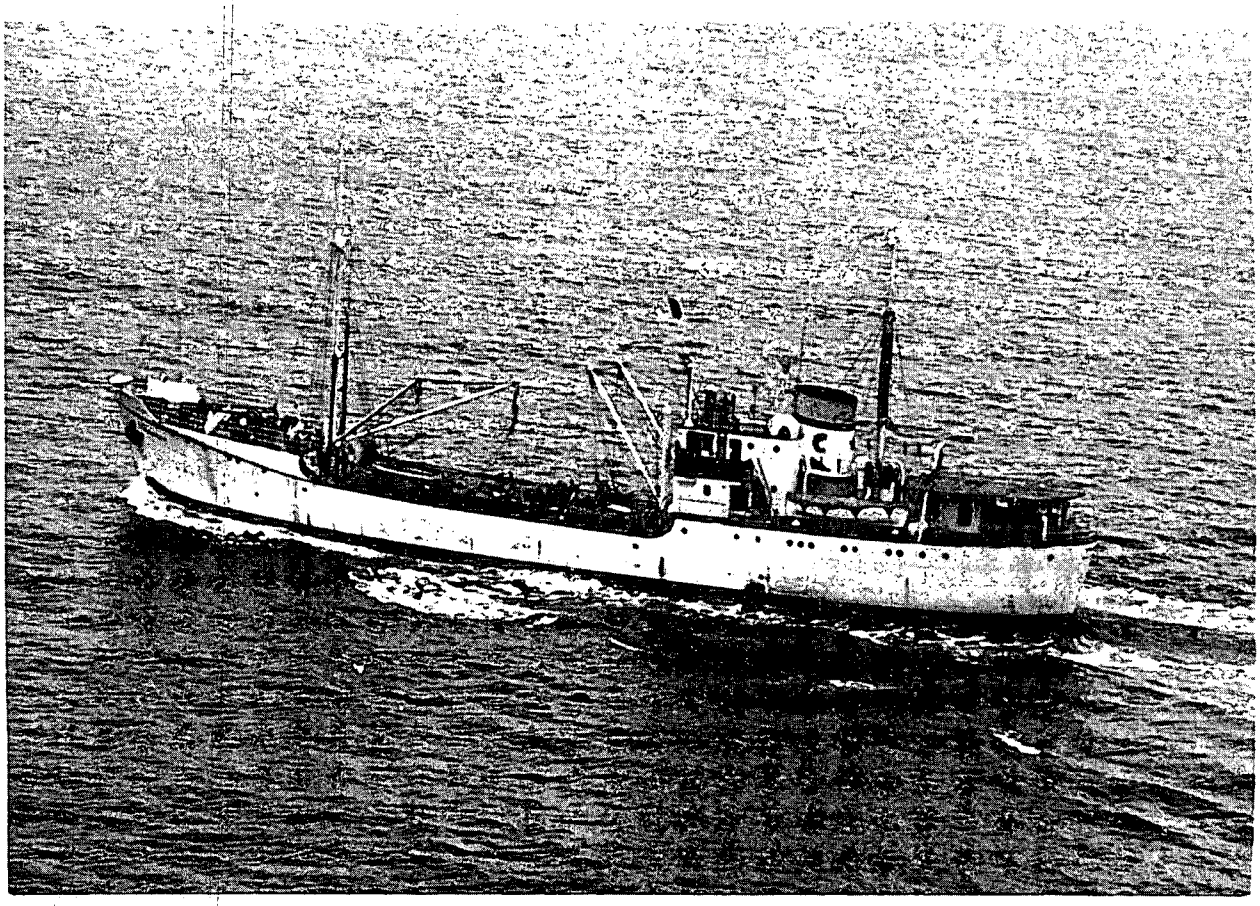
DEPARTMENT OF NATIONAL HEALTH & WELFARE

at

CANADA CENTRE FOR INLAND WATERS

BURLINGTON, ONTARIO

CANADA



M.V. "Theron"

LIMNOLOGICAL DATA REPORT NO.1

LAKE ONTARIO

CRUISE 68-001, APRIL 30 - MAY 3

CRUISE 68 - 005, MAY 27 - 30

CRUISE 68 - 009, JULY 2 - 6

1968

CANADA CENTRE FOR INLAND WATERS

BURLINGTON, ONTARIO

FOREWORD

The year 1968 saw the firm establishment of the Canada Centre for Inland Waters as a major research Centre concerned with Canada's vital fresh water resources.

Three Federal Government agencies are involved in developing the Centre - the Department of Energy, Mines and Resources, the Fisheries Research Board and the Department of National Health and Welfare. The Department of Energy, Mines and Resources co-ordinates the program and provides support facilities to the participating agencies and to university scientists undertaking projects in collaboration with the Centre's agencies.

Between April and December, 1968, an extensive field program was conducted on the Great Lakes. Supported by two major ships, the CSS Limnos and the charter vessel M.V. Theron, the three participating departments conducted a number of interdisciplinary surveys. These surveys, along with data collected from fixed moorings of instruments in the lakes and other studies, are designed to develop a body of information which will provide vital data needed for determining optimum pollution abatement and water management programs for the Great Lakes.

INTRODUCTION

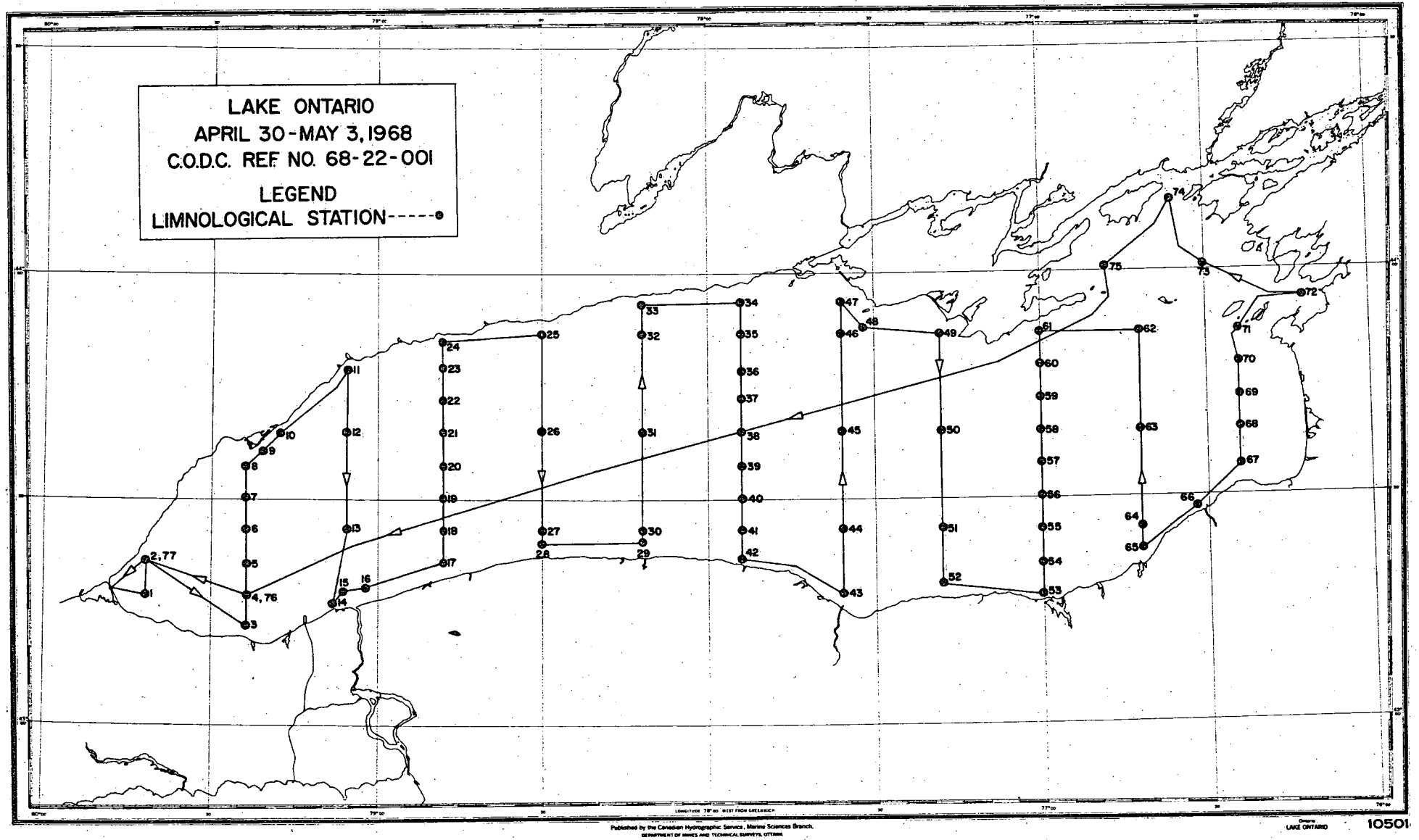
This report is one of a series listing bacteriological, biological, chemical and physical data for waters of Lake Ontario, observed by Government of Canada agencies during the period April 29 to November 22, 1968.

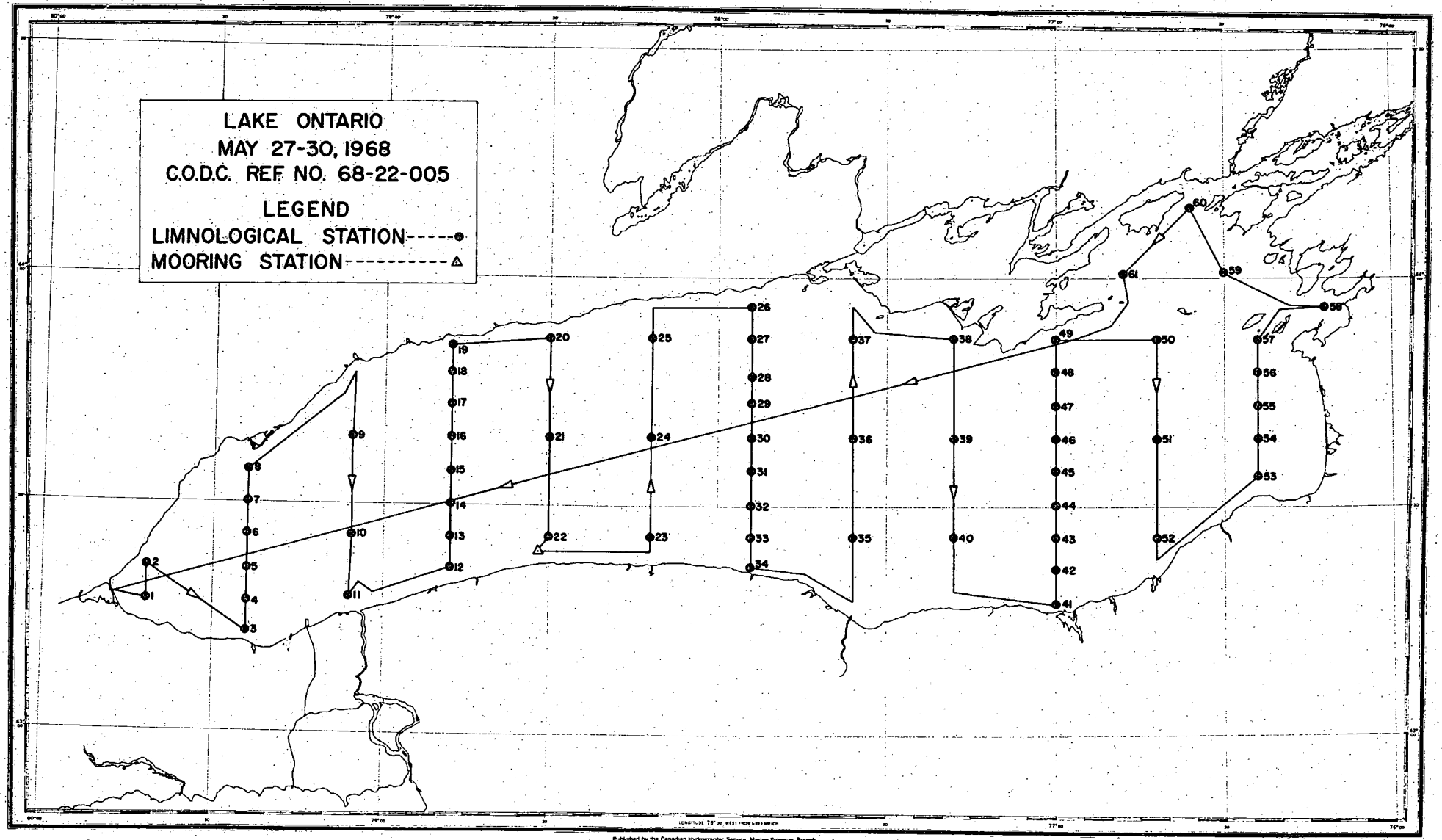
The 1968 surveys were carried out by 1) the Great Lakes Division, Inland Waters Branch, Department of Energy, Mines and Resources, 2) the Fisheries Research Board and 3) the Public Health Engineering Division, Department of National Health and Welfare. Staff from the three agencies carried out the work aboard the Canadian Scientific Ship "Limnos" and the chartered ship "M.V. Theron". Ship and launch operations were the responsibility of Marine Sciences Branch, Department of Energy, Mines and Resources.

Water quality data gathered during nine monitor cruises in 1968 are contained in the present series. Cruises related to seismic, geological and purely physical studies are not included in this series. Supplementary bathythermograph and weather data are available on request from Canada Centre for Inland Waters, P.O. Box 5050, Burlington, Ontario.

The bacteriological data have already been published in Manuscript Report No. KR68-3 of the Public Health Engineering Division, Department of National Health & Welfare. These data are again published in the present series of reports to facilitate comparison with the biological, chemical and physical data.

Accompanying diagrams show the geographical locations of the observations listed in this data record, together with the vessel's track and the locations of bathythermograph lowerings.

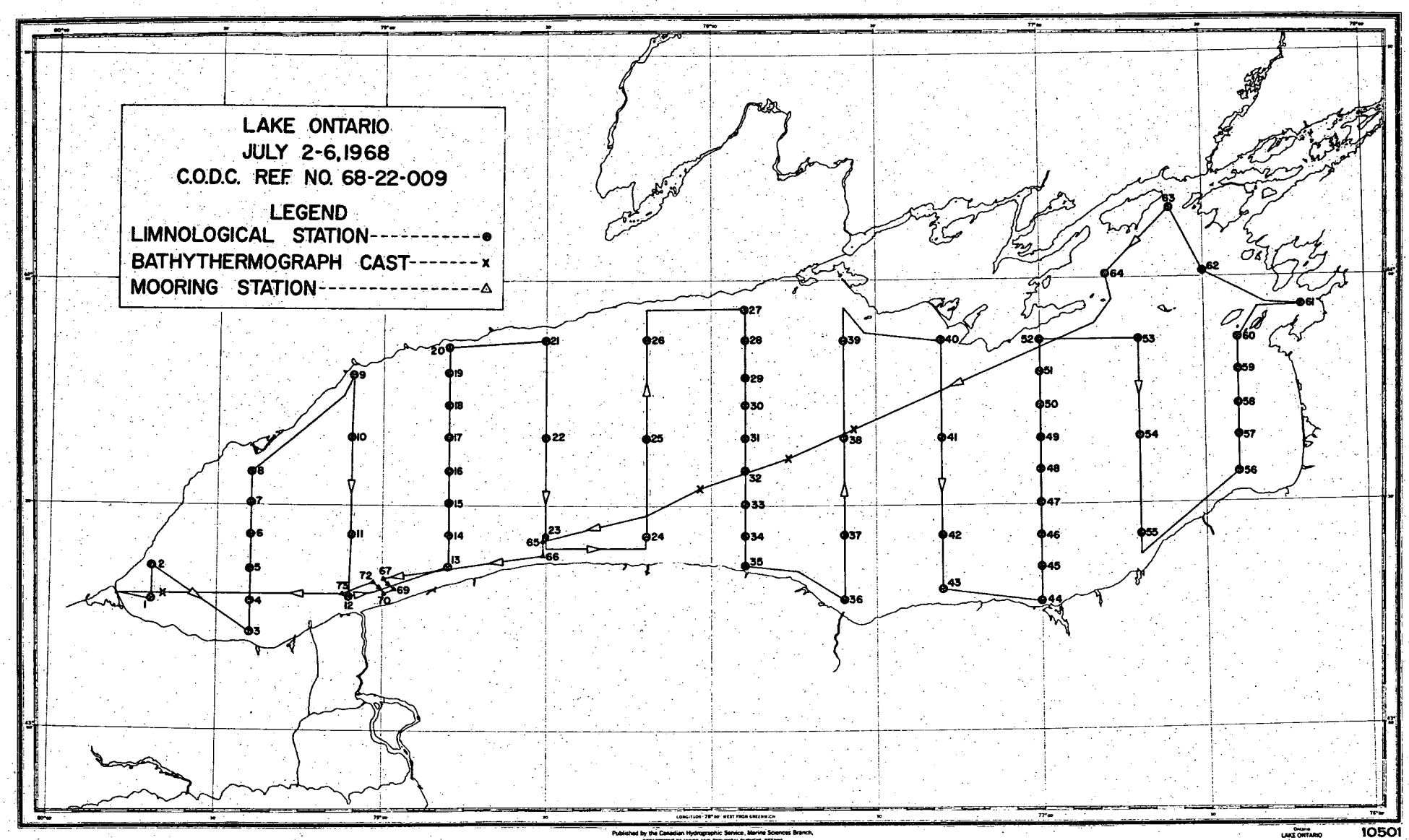

LAKE ONTARIO
APRIL 30 - MAY 3, 1968
C.O.D.C. REF NO. 68-22-001
LEGEND
LIMNOLOGICAL STATION-----
1
2,77
3
4,76
5
6
7
8
9
10
11
12
13
14
15
16
17
18
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
Published by the Canadian Hydrographic Service, Marine Sciences Branch,
DEPARTMENT OF MINES AND TECHNICAL SURVEYS, OTTAWA
LAKE ONTARIO
10501



Published by the Canadian Hydrographic Service, Marine Sciences Branch,
DEPARTMENT OF MINES AND TECHNICAL SURVEYS, OTTAWA

Detail of
LAKE ONTARIO

10501


LAKE ONTARIO
JULY 2-6, 1968
C.O.D.C. REF. NO. 68-22-009
LEGEND
LIMNOLOGICAL STATION
BATHYTHERMOGRAPH CAST
MOORING STATION
Published by the Canadian Hydrographic Service, Marine Sciences Branch,
DEPARTMENT OF MINES AND TECHNICAL SURVEYS, OTTAWA
LAKE ONTARIO
10501

Summary of the Cruises and Data listed for Lake Ontario.

Data Report No.	1		
Cruise No.	001	005	009
Dates (1968)	April 30 May 3	May 27 May 30	July 2 July 6
Cruise Type	Monitor	Monitor	Monitor
Vessel	Theron	Theron	Theron
No. of Stations	77	61	73
No. of BT Slides	77	61	73
Station Data:			
Date/Time	X	X	X
Sounding	X	X	X
BT Slide No.	X	X	X
Sample Depth	X	X	X
Secchi Depth	X	X	X
Colour Forel-ule	X	X	X
Temperature	X	X	X
Temperature Classification	X	X	X
Turbidity	X	X	X
Specific Conductance	X	X	X
Residue, filtrable			
pH 25°C	X		
Alkalinity, total (titrimetric)			
Oxygen dissolved (Winkler)	X	X	X
Phosphate, total		X	X
Phosphate, reactive	X	X	X
Ammonia nitrogen, soluble F		X	X
Nitrate nitrite nitrogen F	X	X	X
Sulphate NF			
Fluoride NF			
Chloride NF			
Silica, reactive	X	X	X
Hardness, total			
Calcium NF atomic absorption			
Magnesium, NF			
Potassium, NF photometric			
Sodium NF photometric			
Chlorophyll A	X	X	X
Coliforms MF	X		
Fecal coliforms MF	X		
Standard plate count at 20°C	X		
Standard plate count at 35°C	X		

F - Filtered
NF - Non filtered

2			3		
012	014	016	019	022	023
July 23 July 28	Aug. 19 Aug. 22	Sept. 8 Sept. 13	Oct. 5 Oct. 9	Oct. 27 Oct. 31	Nov. 17 Nov. 22
Monitor Limnos	Monitor Limnos	Monitor Limnos	Monitor Theron	Monitor Theron	Monitor Theron
63	63	63	82	75	45
64	63	57	82	75	45
X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X
X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X
X	X	X	X X X X X	X	X X X X X
			X X X X X	X X X	X X X X X
			X X X X X	X	X X X X X
			X X X X X	X	X X X X X
			X X		X X

Description of the Data Record

Information in the headings for each station:

1. C-REF-No.	5. LAT.	7. YEAR	11. No. DEPTHS
2. CONS. No.	6. LON.	8. MONTH	12. SOUNDING
3. COUNTRY		9. DAY	13. BT SLIDE No.
4. INSTITUTE		10. TIME	

Explanations:

(1) Cruise number: the 1968 cruises are numbered consecutively from 001 to 023. The initial digit (0) is assigned to all Lake Ontario cruises.

(2) Consecutive station number: the stations within each cruise are numbered in chronological order.

(4) Institute: For filing purposes, the institute code was 22 (Inland Waters Branch, Department of Energy, Mines and Resources).

(5) and (6) indicate the latitude and longitude of the vessel, in degrees, minutes and seconds, at the time of the observations.

(7), (8) and (9) indicate the date of the observations according to Greenwich Mean Time.

(10) Indicates the messenger time in hours and minutes (Greenwich Mean Time) for the first bottle cast at the station. The hours of each day are numbered from 00 to 23.

(11) The number of depths at which observations were made. This should correspond to the number of depths actually listed. The count is listed to reveal omissions due to the loss of punch-cards.

(12) The sounding is listed in meters, to the nearest tenth of a meter.

(13) Indicates the bathythermograph slide number corresponding to the particular station. The slides are numbered consecutively within each cruise.

EXPLANATION OF THE DATA LISTING FOR EACH STATION

Parameter Name	Abbreviation (column heading)	Units used in the Data Reports	No. of Decimals Printed	Star System Code
Sample Depth	DEPTH	METRES	1	001
Secchi Depth	SECCHI	METRES	1	030
Colour Forel - ule	FOREL	forel-ule scale		031
Temperature	TEMP	°C	2	100
Temperature Classification	T CLAS	°C	2	109
Turbidity	TURB	Turbidity Units	1	123
Specific Conductance	SP CON	Micromhos 25°C		160
Residue, filtrable	F RES	mg/L	1	201
pH 25°	pH 25°	pH units	3	215
Alkalinity, total (titrimetric)	TT ALK	mg$CaCO_3$/L	1	219
Oxygen, dissolved (Winkler)	O_2W	mg O_2/L	2	245
Phosphate, total	T PO_4	mg PO_4/L	3	260
Phosphate, reactive	SR PO_4	mg PO_4/L	3	263
Ammonia nitrogen, soluble	NH_3	mg N/L	3	270
Nitrate nitrite nitrogen F	TF NO_3	mg N/L	3	276
Sulphate NF	S SO_4	mg SO_4/L	1	280
Fluoride NF	F	mg F/L	3	289
Chloride NF	CL	mg Cl/L	1	290
Silica, reactive	R SiO_2	mg SiO_2/L	3	295
Hardness, total	HARD	mg $CaCO_3$/L	1	300
Calcium NF	CA NFA	mg metal/L	3	324
Magnesium NF	MG NF	mg metal/L	3	354
Potassium NF	K NFS	mg metal/L	3	372
Sodium NF	NA NFS	mg metal/L	3	388
Chlorophyll A	CHLORA	mg/M^3	1	610
Coliforms MF	MF COL	colonies/100 ml.	*	700
Fecal Coliforms MF	MF FCO	colonies/100 ml.	*	703
Standard plate count at 20°C	SPC 20	colonies/ml.	*	720
Standard plate count at 35°C	SPC 35	colonies/ml.	*	721

* - Exponential Notation
F - Filtered
NF - Non Filtered

Note: The four bacteriological parameters are listed in exponential form:

130E02 = 1.30×10^2 = 130.
100E00 = 1.00×10^0 = 1.
000E00 = 0.00×10^0 = 0.

Note: For some parameters, the analytical methods listed in the Star System manual (Glennie and MacLeod 1967, pp. 23-33) are not the methods used in these Data Reports.

Methods of Sampling and Measurement

Water sampling was carried out on the port side of the vessel, amidships, where a davit and a "chains" platform were installed. A small wooden deckhouse provided shelter for reading the thermometers and for transferring water from the primary sampling devices to small bottles which were taken to the shipboard laboratory. The sampling procedure together with photographs of the equipment are published in Manuscript Report No. 67-1 of the Public Health Engineering Division, Department of National Health and Welfare.

Samples were collected at standard depths of 1, 5, 10, 20, 30, 50, 75, 100, 150, 200, and at 250 metres, where the depth of water permitted. The water sampling devices were metal Knudsen bottles with a capacity of 1.2 litres, and polyvinylchloride Van Dorn bottles with capacities of 2 and 3 litres. Oceanographic reversing thermometers, and rubber bulbs for bacteriological sampling, were mounted on the Knudsen bottles.

For bacteriological sampling, a sterile deflated pear-shaped rubber bulb was attached to a Knudsen bottle. A brass plug in the opening of the rubber bulb was pulled out by the reversing Knudsen bottle. (REF. 13, pp. 88-90).

Position Latitude and longitude was determined using radar ranges and bearings on identifiable shoreline features. Occasionally, dead-reckoning had to be used when the vessel was far from shore.

Sounding The depth of water at each station was measured with the ship's echo sounder. Corrections for the transducer depth have been applied.

Secchi depth is the depth of disappearance of a white disc, 30 centimetres in diameter, when it is lowered slowly into the water on the port side of the vessel.

Colour Secchi disc colour reported in Forel-ule scale.

Sample depth The length of wire was measured with a metre wheel using the water surface as the reference level. Wire-angle corrections were applied whenever corrections were greater than one metre.

Temperature Oceanographic reversing thermometers manufactured by Richter & Wiese of Germany were used in series at all the required depths. Later, each thermometer was read twice in the vessel's deckhouse. There were usually two thermometers on each Knudsen bottle. A single mean corrected temperature value is reported in this final data record, but the individual readings are kept on file at the Canada Centre for Inland Waters.

Additional temperature measurements were made with bathythermographs, and with a thermistor thermometer towed at a depth of approximately one metre while the ship was underway. The BT and thermistor data are available on request from the Canada Centre for Inland Waters.

Turbidity NF - Nephelometric, Hach Turbidimeter, Jackson Units (REF. 12).

Specific conductance 25°C - Ohmometric, Radiometer Conductivity Meter Type CDM2 (REFS. 1, 19).

NF - Non filtered.

Residue filtrable (total dissolved solids) - Gravimetric (REF. 1).

pH 25°C - Corning pH meter, Model 10 (REFS. 1, 8).

Alkalinity, total (Titrimetric) - Potentiometric Titration (REF. 23).

Dissolved Oxygen was measured using the Winkler iodometric method. Azide was not used. (REF. 14, pp. 67-78).

Total Phosphate NF - Photometric, autoanalyzer (REFS. 3, 4, 20).

Reactive Phosphate F - Photometric, autoanalyzer, double filtration, stannous chloride + hydrazine sulphate (REFS. 3, 4, 20).

Ammonia nitrogen soluble F - Photometric, autoanalyzer (REF. 23).

Nitrate Nitrite Nitrogen F - Autoanalyzer, colorimetric cadmium reduction (REFS. 6, 7).

Sulphate NF - Titrimetric, barium chloride, Thorin indicator (REFS. 2, 9).

Fluoride F - Autoanalyzer, colorimetric, SPADNS indicator (REFS. 1, 5).

Chloride NF - Autoanalyzer, colorimetric, mercury thiocyanate (REF. 15).

Reactive silica - Autoanalyzer, colorimetric, heteropoly blue (REFS. 1, 22).

Total hardness - Computed from calcium and magnesium determinations (REF. 1).

Calcium NF - Atomic absorption spectrophotometry (REF. 18).

Magnesium NF - Atomic absorption spectrophotometry (REF. 18).

Potassium NF - Autoanalyzer, flame emission photometry (REF. 21).

Sodium NF - Autoanalyzer, flame emission photometry (REF. 21).

Chlorophyll A - *in vivo* chlorophyll concentrations (REFS. 16, 17).

BACTERIOLOGICAL PARAMETERS

Storage conditions for bacteriological samples The analyses began within one or two hours after sampling, except for samples collected between midnight and 6.30 a.m. The night samples were stored at temperatures varying between 4 and 7°C for a maximum of 8 hours before their analyses commenced.

F - Filtered.
NF - Non filtered.

Coliform density determinations were obtained by membrane filtration techniques using Bacto-m Endo MF Broth. Membranes were incubated at 35°C for 20±2 hours in an atmosphere of saturated humidity. Coliform densities were recorded in terms of coliforms per 100 ml. of water sample. (REF. 1, p. 615).

Fecal coliform density determinations were obtained by membrane filtration techniques using Bacto-m FC Broth. Membranes were incubated in 44.5°C waterbath for 24±2 hours. Fecal coliform densities were recorded in terms of fecal coliforms per 100 ml. of water sample (REF. 10).

Standard plate counts The American Public Health Association Standard Methods (REF. 1, p. 592), Standard Plate Count procedure was used for the estimation of total bacterial (viable) numbers at 35°C and 20°C. Bacto-Plate Count Agar was the medium used. Total viable counts were read at 24±2 hours for plates incubated at 35°C and 48±3 hours for plates incubated at 20°C. Counts were calculated and recorded as standard plate counts per ml. of water at the specified temperature.

PROGRAM CO-ORDINATION

Physical Limnology

Dr. R.K. Lane (G.L.D.)
Mr. D.G. Robertson (G.L.D.)

Limnogeology

Dr. P.G. Sly (G.L.D.)
Mr. W. Warwick (G.L.D.)

Water Quality

Dr. V.K. Chawla (W.Q.D.)

Bacteriology

Mr. B.J. Dutka (P.H.E.D.)
Mr. H.R. van Otterloo (P.H.E.D.)

Chlorophyll & Plankton

Mr. H.F. Nicholson (F.R.B.)

Operations

Mr. H.B. Macdonald (G.L.D.)

Ship Support

Mr. A. Quirk (M.S.B.)

Engineering Support

Mr. K.N. Birch (G.L.D.)
Mr. H.A. Savile (G.L.D.)

Computer & Data Services

Mr. D.M. Francis (G.L.D.)
Mr. W. Nagel (G.L.D.)

(G.L.D.) Great Lakes Division, Department of Energy, Mines and Resources.
(W.Q.D.) Water Quality Division, Department of Energy, Mines and Resources.
(P.H.E.D.) Public Health Engineering Division, Department of National Health and Welfare
(F.R.B.) Fisheries Research Board, Department of Fisheries and Forestry.
(M.S.B.) Marine Sciences Branch, Department of Energy, Mines and Resources.

Other Participating Agencies

The Canadian Oceanographic Data Centre produced and distributed the preliminary data records, and published final reports in the present series.

The Meteorological Branch of the Department of Transport provided meteorological instruments, and trained the personnel who carried out the weather observations.

Captain D. Butler and crew of Marine Sciences Branch, operated the Canadian Scientific Ship "Limnos" and Captain H.L. Maro and crew operated the chartered ship "M.V. Theron" in support of the limnological programs.

REFERENCES

1. American Public Health Association. 1965. Standard Methods for the Examination of Water and Wastewater. 12th ed. American Public Health Association, New York.

2. American Society for Testing and Materials. 1966. Book of ASTM Standards Part 23: Industrial Water; Atmospheric Analysis. American Society for Testing and Materials, Philadelphia.

3. Armstrong, F.A.J. and E.C. LaFond. 1966. Chemical Nutrient Concentrations and their Relationship to Internal Waves and Turbidity off Southern California, Limnol. Oceanogr., 11 (4) pp. 538-547.

4. Armstrong, F.A.J., C.R. Stearns and J.P.H. Stickland. 1967. The Measurement of Upwelling and Subsequent Biological Processes by Means of the Technicon Autoanalyzer and Associated Equipment. Deep-Sea Research, 1967, vol. 14, pp. 381-389.

5. Bellack, E. and P.J. Schouboe. 1958. Rapid Photometric Dermination of Fluoride with SPADNS - Zirconium Lake. Anl. Chem., 30: p. 2032.

6. Bendschneider, K. and R.J. Robinson. 1952. A New Spectrophotometric Method for the Determination of Nitrite in Sea Water. J. Mar. Res., 11, pp. 87-96.

7. Brewer, P.G. and J.P. Riley. 1965. The Automatic Determination of Nitrate in Sea Water. Deep Sea Research, vol. 12, pp. 765-772.

8. Corning Scientific Instruments. 1965. Expanded-Scale pH meter. Corning Glass Works, Corning, N.Y.

9. Fritz, J.S. and S.S. Yamamura. 1955. Rapid Microtitration of Sulfate. Analytical Chemistry, vol. 27, no. 9, p. 1461.

10. Geldreich, E.E., H.F. Clark, C.B. Huff and B.C. Best. 1965. A Fecal Coliform Medium for the Membrane single space Filter Technique. JAWWA, 57: pp. 208-214.

11. Glennie, C.J. and T.M. MacLeod. 1967. The Star system for storage and retrieval of scientific data. Canadian Oceanographic Data Centre, Ottawa.

12. Hach Chemical Company. Laboratory Turbidimeter Model 1860. Hach Chemical Company, Ames, Iowa.

13. I.J.C. Agencies. 1966. Working Committee on Methodology. A digest of analytical methods employed by laboratories associated with International Joint Commission Research on the Great Lakes, 135 pp.

14. I.J.C. Agencies. 1968. Working Committee on Methodology. Revised analytical methods employed by laboratories associated with International Joint Commission Research on the Great Lakes. 89 pp.

15. Iwasaki, Utsumi and Ozawa. 1952. New Colorimetric Determination of Chloride Using Mercuric Thiocyanate and Ferric Ion. Bulletin, Chemical Soc. Japan, vol. 25: p. 226

16. Lorenzen, Carl J. 1966. A method for the continuous measurement of *in vivo* chlorophyll concentrations. Deep-Sea Research, vol. 13, pp. 223 and 227.

17. Parsons, T.R. and J.D.H. Strickland. 1963. Discussion of Spectrophotometric Determination of Marine-plant Pigments, with Revised Equations for Ascertaining Chlorophylls and Carotenoids. Journal of Marine Research, 21 (3).

18. Perkin-Elmer Corp. 1966. Analytical Methods for Atomic Absorption Spectrophotometry. Perkin-Elmer Corp., Norwalk, Connecticut.

19. Radiometer Copenhagen. Direct Reading Conductivity Meter Type CDM2. Radiometer Copenhagen, Denmark.

20. Technicon Corp. Private Communication.

21. Technicon Instruments Corp. 1967. Instruction Manual FPH-III. Technicon Instruments Corp., Ardsley, New York.

22. Technicon Instruments Corp. 1960. Autoanalyzer Methodology Silica, 11F (Water Analysis).

23. Thomas, J.F.J. and J.J. Lynch. 1960. Determination of Carbonate Alkalinity in Natural Waters. JAWWA, 52: pp. 259-268.

CRUISE 68 - 001

C-REF-NO 001
CONS. NO 001
COUNTRY 18
INSTITUTE 22

LAT 43-17-18N
LON 079-42-00W

YEAR 1968
MONTH 04
DAY 29
TIME 1604

NO. DEPTHS 04
SOUNDING 0370
BT SLIDE NO 001

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	5.5	7	3.28	0.01	0.6	331	8.100	13.86
10.0			3.28	0.01	0.8	333	8.100	13.86
30.0			3.66	0.01	0.7	332	8.200	13.91
36.0			3.61	0.01	135.0	331	8.100	13.62

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.029	0.190	0.425	3.6	100E00	000E00	300E00	200E00
10.0					000E00		300E00	900E00
30.0	0.027	0.170	0.350					
36.0	0.047	0.170	0.405				600E01	850E01

C-REF-NO 001
CONS. NO 002
COUNTRY 18
INSTITUTE 22

LAT 43-21-42N
LON 079-42-00W

YEAR 1968
MONTH 04
DAY 29
TIME 1737

NO. DEPTHS 03
SOUNDING 0296
BT SLIDE NO 002

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	4.5	7	3.89	0.01	0.7	334	8.200	14.05
10.0			3.84	0.04	0.8	332	8.200	14.05
27.0			3.72	0.01	5.8	331	8.200	13.88

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.028	0.165	0.385	5.1	000E00		600E02	270E01
10.0					000E00		600E02	300E01
27.0					000E00		460E02	140E01

C-REF-NO 001
CONS. NO 003
COUNTRY 18
INSTITUTE 22

LAT 43-13-00N
LON 079-24-00W

YEAR 1968
MONTH 04
DAY 29
TIME 1934

NO. DEPTHS 03
SOUNDING 0150
BT SLIDE NO 003

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	2.5	9	6.02	0.04	1.1	332	8.400	14.64
10.0			5.28	0.01	1.0	333	8.500	14.65
13.0			5.11	0.01	0.8	332	8.500	14.45

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.012	0.112	0.140	6.6	000E00	000E00	200E00	400E00
10.0					000E00		600E00	500E00
13.0	0.012	0.120	0.140		000E00	000E00	300E00	700E00

C-REF-NO 001
CONS. NO 004
COUNTRY 18
INSTITUTE 22

LAT 43-17-12N
LON 079-24-00W

YEAR 1968
MONTH 04
DAY 29
TIME 2034

NO. DEPTHS 04
SOUNDING 0777
BT SLIDE NO 004

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	7.0	5			1.7	330	8.200	13.72
10.0					0.4	333	8.200	13.72
50.0					0.5	334	8.200	13.74
75.0					0.6	332	8.100	13.71

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.042	0.185	0.480	4.0	000E00	000E00	400E00	
10.0					000E00		000E00	000E00
50.0					000E00		100E00	200E00
75.0					000E00	000E00	000E00	100E00

C-REF-NO 001
CONS. NO 005
COUNTRY 18
INSTITUTE 22

LAT 43-21-24N
LON 079-24-00W

YEAR 1968
MONTH 04
DAY 29
TIME 2134

NO. DEPTHS 01
SOUNDING 1006
BT SLIDE NO 005

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	8.0	7	2.74	0.00	0.3	335	8.100	13.70

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.056	0.192	0.510	3.9				

C-REF-NO 001
CONS. NO 006
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 079-24-00W

YEAR 1968
MONTH 04
DAY 29
TIME 2209

NO. DEPTHS 01
SOUNDING 1097
BT SLIDE NO 006

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	6.0	7	2.97	0.01	0.3	336	8.200	13.79

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.042	0.180	0.625	4.7				

C-REF-NO 001
CONS. NO 007
COUNTRY 18
INSTITUTE 22

LAT 43-30-12N
LON 079-24-00W

YEAR 1968
MONTH 04
DAY 29
TIME 2302

NO. DEPTHS 03
SOUNDING 0908
BT SLIDE NO 007

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	7.0	5	2.89	0.00	0.6	336	8.200	13.65
30.0			2.88	0.01	0.3	339	8.200	13.63
83.0			3.87	0.01	3.8	340	8.200	13.68

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.045	0.185	0.475	4.6	100E00		240E02	
30.0	0.042	0.182	0.495					
83.0	0.048	0.182	0.400		400E00			

C-REF-NO 001
CONS. NO 008
COUNTRY 18
INSTITUTE 22

LAT 43-34-24N
LON 079-24-00W

YEAR 1968
MONTH 04
DAY 30
TIME 0019

NO. DEPTHS 03
SOUNDING 0585
BT SLIDE NO 008

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			3.56	0.00	0.5	340	8.200	13.88
10.0			3.58	0.01				
50.0			3.71	0.00				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.042	0.180	0.375	5.8	000E00			
10.0					000E00			
50.0					000E00			

C-REF-NO 001
CONS. NO 009
COUNTRY 18
INSTITUTE 22

LAT 43-36-24N
LON 079-21-00W

YEAR 1968
MONTH 04
DAY 30
TIME 0112

NO. DEPTHS 02
SOUNDING 0131
BT SLIDE NO 009

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			3.93	0.01				
10.0			3.92	0.00				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0					000E00	100E00		
10.0					100E00			

C-REF-NO 001
CONS. NO 010
COUNTRY 18
INSTITUTE 22

LAT 43-38-54N
LON 079-18-00W

YEAR 1968
MONTH 04
DAY 30
TIME 0200

NO. DEPTHS 02
SOUNDING 0131
BT SLIDE NO 010

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			4.05	0.01				
10.0			4.07	0.02				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0					100E00			
10.0					100E00			

C-REF-NO 001
CONS. NO 011
COUNTRY 18
INSTITUTE 22

LAT 43-47-24N
LON 079-05-42W

YEAR 1968
MONTH 04
DAY 30
TIME 0339

NO. DEPTHS 03
SOUNDING 0168
BT SLIDE NO 011

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			6.92	0.04				
10.0			4.57	0.02				
14.0			4.44	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0					700E00	500E00		210E02
10.0					130E01			100E02
14.0					100E01	000E00		600E01

C-REF-NO 001
CONS. NO 012
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 079-06-00W

YEAR 1968
MONTH 04
DAY 30
TIME 0424

NO. DEPTHS 02
SOUNDING 0579
BT SLIDE NO 012

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			3.80					
56.0			3.46					

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				5.1	100E00		150E03	
56.0					500E00		150E03	

C-REF-NO 001
CONS. NO 013
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 079-06-00W

YEAR 1968
MONTH 04
DAY 30
TIME 0631

NO. DEPTHS 02
SOUNDING 1207
BT SLIDE NO 013

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			2.72	0.00				
118.0			3.30	0.03				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				2.9	000E00		200E02	
118.0								

C-REF-NO 001
CONS. NO 014
COUNTRY 18
INSTITUTE 22

LAT 43-16-12N
LON 079-08-48W

YEAR 1968
MONTH 04
DAY 30
TIME 0746

NO. DEPTHS 02
SOUNDING 0131
BT SLIDE NO 014

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			7.07	0.05				
11.0			4.74	0.03				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0					270E01	110E01	120E04	
11.0							450E02	

C-REF-NO 001
CONS. NO 015
COUNTRY 18
INSTITUTE 22

LAT 43-17-42N
LON 079-06-30W

YEAR 1968
MONTH 04
DAY 30
TIME 0821

NO. DEPTHS 02
SOUNDING 0091
BT SLIDE NO 015

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			1.38	0.01				
7.0			1.50	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				5.7	180E02		200E04	380E02
7.0					200E02	210E02	120E04	200E02

C-REF-NO 001
CONS. NO 016
COUNTRY 18
INSTITUTE 22

LAT 43-18-12N
LON 079-02-24W

YEAR 1968
MONTH 04
DAY 30
TIME 0905

NO. DEPTHS 02
SOUNDING 0116
BT SLIDE NO 016

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			1.60	0.00				
9.0			1.90	0.00				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0					240E01	240E01	360E04	240E02
9.0					210E01	120E01		110E02

C-REF-NO 001
CONS. NO 017
COUNTRY 18
INSTITUTE 22

LAT 43-21-42N
LON 078-48-00W

YEAR 1968
MONTH 04
DAY 30
TIME 1021

NO. DEPTHS 03
SOUNDING 0570
BT SLIDE NO 017

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	3.0	8	2.99	0.00	5.3	304	8.100	14.30
10.0			3.09	0.01				
52.0			3.89	0.00				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.015	0.160	0.210	4.4	400E00	200E00		700E01
10.0					700E00			
52.0					000E00	000E00	280E02	400E00

C-REF-NO 001
CONS. NO 018
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 078-48-00W

YEAR 1968
MONTH 04
DAY 30
TIME 1132

NO. DEPTHS 05
SOUNDING 1277
BT SLIDE NO 018

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	11.0	6	2.54	0.00	0.4	332	8.100	13.68
10.0			2.59	0.02				
30.0			2.60	0.00	0.3	334	8.000	13.65
50.0			2.61	0.01				
120.0			2.99	0.01	0.7	329	8.100	13.66

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.035	0.205	0.410	3.7	300E00	000E00	900E01	800E00
10.0					000E00		200E02	200E00
30.0	0.042	0.225	0.500					
50.0					000E00		240E02	200E00
120.0	0.049	0.225	0.475		000E00	000E00	140E03	100E01

C-REF-NO 001
CONS. NO 019
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 078-48-00W

YEAR 1968
MONTH 04
DAY 30
TIME 1213

NO. DEPTHS 01
SOUNDING 1469
BT SLIDE NO 019

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
0.0	10.0	10	2.40					

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
0.0				3.7				

C-REF-NO 001
CONS. NO 020
COUNTRY 18
INSTITUTE 22

LAT 43-34-36N
LON 078-48-00W

YEAR 1968
MONTH 04
DAY 30
TIME 1303

NO. DEPTHS 02
SOUNDING 1490
BT SLIDE NO 020

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	9.0	10	2.33	0.01	0.3	332	8.100	13.63
144.0			2.31	0.00				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.039	0.225	0.510	3.8	100E00		100E00	100E00
144.0					000E00		300E00	000E00

C-REF-NO 001
CONS. NO 021
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 078-48-00W

YEAR 1968
MONTH 04
DAY 30
TIME 1341

NO. DEPTHS 01
SOUNDING 1259
BT SLIDE NO 021

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
0.0	7.0	9	2.50					

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
0.0				3.7				

C-REF-NO 001
CONS. NO 022
COUNTRY 18
INSTITUTE 22

LAT 43-43-18N
LON 078-48-00W

YEAR 1968
MONTH 04
DAY 30
TIME 1442

NO. DEPTHS 03
SOUNDING 0960
BT SLIDE NO 022

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	9.0	9	2.69	0.01	0.1	332	8.100	13.79
30.0			2.64	0.03	0.4	331	8.100	13.82
93.0			2.65	0.02	0.2	332	8.100	13.82

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.040	0.220	0.545	4.1	370E01		400E00	500E00
30.0	0.039	0.220	0.665					
93.0	0.037	0.218	0.450		000E00		300E00	300E00

C-REF-NO 001
CONS. NO 023
COUNTRY 18
INSTITUTE 22

LAT 43-47-36N
LON 078-48-00W

YEAR 1968
MONTH 04
DAY 30
TIME 1555

NO. DEPTHS 03
SOUNDING 0561
BT SLIDE NO 023

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	6.0	8	2.91	0.01	0.4	332	8.100	13.88
10.0			2.86	0.00				
53.0			3.00	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.052	0.218	0.475	4.3	160E01	400E00	210E01	100E00
10.0					000E00		200E01	400E00
53.0					000E00	000E00	300E00	300E00

C-REF-NO 001
CONS. NO 024
COUNTRY 18
INSTITUTE 22

LAT 43-51-00N
LON 078-48-00W

YEAR 1968
MONTH 04
DAY 30
TIME 1644

NO. DEPTHS 02
SOUNDING 0137
BT SLIDE NO 024

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	3.0	10	5.55	0.04	1.2	334	8.400	14.44
11.0			5.51	0.02				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.015	0.127	0.065	4.5	000E00	000E00	540E01	320E01
11.0					000E00	000E00	280E01	260E01

C-REF-NO 001
CONS. NO 025
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 078-30-00W

YEAR 1968
MONTH 04
DAY 30
TIME 1823

NO. DEPTHS 03
SOUNDING 0387
BT SLIDE NO 025

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	4.5	8	3.16	0.01				
10.0			3.13	0.01				
37.0			3.19	0.00				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				2.9	000E00	000E00	200E00	100E00
10.0					000E00		120E01	400E00
37.0					000E00	000E00	800E00	500E00

C-REF-NO 001
CONS. NO 026
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 078-30-00W

YEAR 1968
MONTH 04
DAY 30
TIME 1959

NO. DEPTHS 02
SOUNDING 1423
BT SLIDE NO 026

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	5.5	7	2.25	0.00				
127.0			2.23	0.00				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				3.0	220E01		520E01	310E02
127.0					000E00		280E01	300E02

C-REF-NO 001
CONS. NO 027
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 078-30-00W

YEAR 1968
MONTH 04
DAY 30
TIME 2130

NO. DEPTHS 02
SOUNDING 1106
BT SLIDE NO 027

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			2.46	0.01				
101.0			3.62	0.03				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				2.3	000E00		100E02	380E02
101.0					100E00			380E02

C-REF-NO 001
CONS. NO 028
COUNTRY 18
INSTITUTE 22

LAT 43-24-24N
LON 078-30-00W

YEAR 1968
MONTH 04
DAY 30
TIME 2227

NO. DEPTHS 03
SOUNDING 0604
BT SLIDE NO 028

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
2.0			3.42	0.01				
11.0			3.42	0.02				
55.0			3.65	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
2.0					700E00	000E00		120E02
11.0					000E00			360E02
55.0					200E00	100E00		320E02

C-REF-NO 001
CONS. NO 029
COUNTRY 18
INSTITUTE 22

LAT 43-24-24N
LON 078-12-00W

YEAR 1968
MONTH 05
DAY 01
TIME 0001

NO. DEPTHS 03
SOUNDING 0518
BT SLIDE NO 029

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			3.18	0.00				
10.0			3.00	0.02				
48.0			3.18	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0					300E00		900E02	520E02
10.0					000E00		700E02	260E02
48.0					100E00	000E00		340E02

C-REF-NO 001
CONS. NO 030
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 078-12-00W

YEAR 1968
MONTH 05
DAY 01
TIME 0040

NO. DEPTHS 02
SOUNDING 0814
BT SLIDE NO 030

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			2.44	0.01				
78.0			3.13	0.02				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				2.8	000E00		170E02	420E02
78.0					100E00		800E02	270E02

C-REF-NO 001
CONS. NO 031
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 078-12-00W

YEAR 1968
MONTH 05
DAY 01
TIME 0218

NO. DEPTHS 02
SOUNDING 1655
BT SLIDE NO 031

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			2.28	0.02				
156.0			2.47	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				2.8	000E00		730E01	320E02
156.0					000E00		110E02	430E02

C-REF-NO 001
CONS. NO 032
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 078-12-00W

YEAR 1968
MONTH 05
DAY 01
TIME 0402

NO. DEPTHS 02
SOUNDING 0558
BT SLIDE NO 032

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			3.97	0.01				
52.0			3.85	0.00				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				5.4	200E00		340E02	120E01
52.0					000E00		270E02	300E00

C-REF-NO 001
CONS. NO 033
COUNTRY 18
INSTITUTE 22

LAT 43-56-00N
LON 078-12-00W

YEAR 1968
MONTH 05
DAY 01
TIME 0452

NO. DEPTHS 03
SOUNDING 0198
BT SLIDE NO 033

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			5.53	0.03				
10.0			5.39	0.01				
17.0			5.34	0.04				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0					100E00	000E00	100E02	120E01
10.0					000E00		700E01	100E01
17.0					000E00	000E00	550E01	800E00

C-REF-NO 001
CONS. NO 034
COUNTRY 18
INSTITUTE 22

LAT 43-56-18N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 01
TIME 0639

NO. DEPTHS 04
SOUNDING 0405
BT SLIDE NO 034

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			5.01	0.03	0.9	332	8.300	13.74
10.0			4.91	0.00				
30.0			3.91	0.00	1.2	333	8.200	14.02
38.0			3.88	0.01	0.4	332	8.100	14.02

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.010	0.149	0.168	3.2	000E00	000E00	450E01	110E01
10.0					000E00		600E01	500E00
30.0	0.012	0.176	0.304					
38.0	0.012	0.180	0.284		000E00	000E00	450E01	600E00

C-REF-NO 001
CONS. NO 035
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 01
TIME 0732

NO. DEPTHS 02
SOUNDING 0588
BT SLIDE NO 035

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			3.22	0.00	0.8	332	8.200	14.11
57.0			3.38	0.02				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.018	0.199	0.360	5.1	000E00		800E01	400E00
57.0					000E00		600E01	300E00

C-REF-NO 001
CONS. NO 036
COUNTRY 18
INSTITUTE 22

LAT 43-47-00N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 01
TIME 0808

NO. DEPTHS 01
SOUNDING 1039
BT SLIDE NO 036

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
0.0			2.80					

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
0.0				4.9				

C-REF-NO 001
CONS. NO 037
COUNTRY 18
INSTITUTE 22

LAT 43-43-18N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 01
TIME 0846

NO. DEPTHS 03
SOUNDING 1259
BT SLIDE NO 037

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			2.18	0.00	1.3	333	8.100	13.72
30.0			2.24	0.01	0.9	332	8.100	13.74
120.0			2.60		0.4	332	8.200	13.96

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.040	0.225	0.492	4.1				
30.0	0.054	0.225	0.524					
120.0	0.031	0.210	0.428					

C-REF-NO 001
CONS. NO 038
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 01
TIME 0953

NO. DEPTHS 03
SOUNDING 1576
BT SLIDE NO 038

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			2.17	0.01				13.79
151.0			2.24	0.01				13.89
153.0			2.23	0.01				13.88

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				3.9	100E00		550E01	600E00
151.0					000E00		550E01	900E00
153.0								

C-REF-NO 001
CONS. NO 039
COUNTRY 18
INSTITUTE 22

LAT 43-34-42N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 01
TIME 1043

NO. DEPTHS 04
SOUNDING 1838
BT SLIDE NO 039

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	6.0	8	2.13	0.00	0.2	332	8.100	13.69
49.0			2.16	0.00				13.63
99.0			2.16	0.00				13.65
179.0			2.23	0.01				13.58

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.040	0.225	0.564	3.5				
49.0								
99.0								
179.0								

C-REF-NO 001
CONS. NO 040
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 01
TIME 1143

NO. DEPTHS 01
SOUNDING 1646
BT SLIDE NO 040

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	8.0	8	2.09	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				3.0				

C-REF-NO 001
CONS. NO 041
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 01
TIME 1238

NO. DEPTHS 03
SOUNDING 1185
BT SLIDE NO 041

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	8.0	9	2.12	0.01	0.3	336	8.100	13.68
30.0			2.12	0.00	0.4	340	8.000	13.68
115.0			3.06	0.00	0.5	333	8.100	13.65

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.041	0.225	0.404	3.7	000E00		600E01	100E00
30.0	0.043	0.225	0.572					
115.0	0.033	0.210	0.496		000E00		320E02	600E00

C-REF-NO 001
CONS. NO 042
COUNTRY 18
INSTITUTE 22

LAT 43-22-00N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 01
TIME 1338

NO. DEPTHS 02
SOUNDING 0107
BT SLIDE NO 042

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	2.0	9			2.1	331	8.300	13.86
8.0			4.43	0.02	1.8	327	8.300	13.96

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.005	0.133	0.156	6.8	000E00	000E00		550E01
8.0					100E00	000E00		620E01

C-REF-NO 001
CONS. NO 043
COUNTRY 18
INSTITUTE 22

LAT 43-17-18N
LON 077-36-00W

YEAR 1968
MONTH 05
DAY 01
TIME 1524

NO. DEPTHS 03
SOUNDING 0192
BT SLIDE NO 043

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	3.0	8	3.79	0.01				
10.0			3.74					
17.0			3.80	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0					000E00	000E00	300E03	200E01
10.0					000E00		240E03	240E01
17.0					000E00	000E00	250E03	260E01

C-REF-NO 001
CONS. NO 044
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 077-36-00W

YEAR 1968
MONTH 05
DAY 01
TIME 1655

NO. DEPTHS 02
SOUNDING 1563
BT SLIDE NO 044

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	8.0	9	2.24	0.01				
151.0			2.67	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				3.9	000E00		900E01	220E01
151.0					100E00		150E03	110E01

C-REF-NO 001
CONS. NO 045
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 077-36-00W

YEAR 1968
MONTH 05
DAY 01
TIME 1852

NO. DEPTHS 02
SOUNDING 1250
BT SLIDE NO 045

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	7.5	7	2.16	0.01				
119.0			2.42	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				3.9	400E00		700E01	300E00
119.0					100E00		500E01	700E00

C-REF-NO 001
CONS. NO 046
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 077-36-00W

YEAR 1968
MONTH 05
DAY 01
TIME 2023

NO. DEPTHS 02
SOUNDING 0497
BT SLIDE NO 046

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			3.64	0.01				
44.0			3.57	0.02				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				7.8	500E00		400E01	850E01
44.0					000E00		400E01	300E00

C-REF-NO 001
CONS. NO 047
COUNTRY 18
INSTITUTE 22

LAT 43-56-18N
LON 077-36-00W

YEAR 1968
MONTH 05
DAY 01
TIME 2112

NO. DEPTHS 03
SOUNDING 0250
BT SLIDE NO 047

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	3.5	8	6.18	0.00				
10.0			6.17	0.03				
20.0			4.63	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0					700E00	100E00	260E01	200E01
10.0					200E00		250E01	140E01
20.0					000E00	000E00	340E01	130E01

C-REF-NO 001
CONS. NO 048
COUNTRY 18
INSTITUTE 22

LAT 43-52-54N
LON 077-32-00W

YEAR 1968
MONTH 05
DAY 01
TIME 2204

NO. DEPTHS 03
SOUNDING 0472
BT SLIDE NO 048

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	4.0	10	5.58	0.02				
10.0			5.60	0.04				
44.0			4.10	0.02				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0					950E01	100E00	420E01	240E01
10.0					170E01		270E01	100E02
44.0					000E00	000E00	250E01	100E01

C-REF-NO 001
CONS. NO 049
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 077-18-00W

YEAR 1968
MONTH 05
DAY 01
TIME 2349

NO. DEPTHS 03
SOUNDING 0290
BT SLIDE NO 049

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			5.42	0.00				
10.0			5.42					
20.0			5.43	0.02				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				7.3	000E00	000E00	800E00	100E01
10.0					000E00		500E00	800E00
20.0					000E00	000E00	700E00	120E01

C-REF-NO 001
CONS. NO 050
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 077-18-00W

YEAR 1968
MONTH 05
DAY 02
TIME 0121

NO. DEPTHS 02
SOUNDING 1179
BT SLIDE NO 050

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			2.33	0.01				
116.0			2.37	0.00				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				5.2	000E00		460E01	160E01
116.0					000E00		510E01	140E01

C-REF-NO 001
CONS. NO 051
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 077-18-00W

YEAR 1968
MONTH 05
DAY 02
TIME 0259

NO. DEPTHS 02
SOUNDING 2097
BT SLIDE NO 051

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			2.01	0.01				
204.0			2.62	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				3.5	100E00		450E01	300E00
204.0					000E00		510E01	800E00

C-REF-NO 001
CONS. NO 052
COUNTRY 18
INSTITUTE 22

LAT 43-18-42N
LON 077-18-00W

YEAR 1968
MONTH 05
DAY 02
TIME 0404

NO. DEPTHS 03
SOUNDING 0494
BT SLIDE NO 052

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			3.16	0.01				
10.0			3.17					
49.0			3.39					

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0					000E00	000E00	500E02	300E01
10.0					000E00		400E02	400E00
49.0					000E00	000E00	600E02	200E01

C-REF-NO 001
CONS. NO 053
COUNTRY 18
INSTITUTE 22

LAT 43-17-12N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 02
TIME 0534

NO. DEPTHS 02
SOUNDING 0195
BT SLIDE NO 053

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			5.03	0.00	1.3	345	8.200	13.40
18.0			5.04					

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.056	0.177	0.172	9.4	500E00	000E00		700E01
18.0					100E00	000E00		350E01

C-REF-NO 001
CONS. NO 054
COUNTRY 18
INSTITUTE 22

LAT 43-21-42N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 02
TIME 0619

NO. DEPTHS 02
SOUNDING 0741
BT SLIDE NO 054

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			2.54					
68.0			3.09	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				4.1	000E00		280E02	130E01
68.0					000E00		450E02	140E01

C-REF-NO 001
CONS. NO 055
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 02
TIME 0720

NO. DEPTHS 03
SOUNDING 2164
BT SLIDE NO 055

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			2.13	0.00	0.3	337	8.000	13.52
28.0			2.14	0.03	0.4	338	8.000	13.58
201.0			2.64	0.03	0.4	335	8.000	13.17

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.043	0.227	0.484	3.8	000E00		240E02	800E00
28.0	0.040	0.235	0.480					
201.0	0.056	0.217	0.580		000E00		340E02	700E00

C-REF-NO 001
CONS. NO 056
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 02
TIME 0821

NO. DEPTHS 01
SOUNDING 2286
BT SLIDE NO 056

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
0.0			2.20					

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
0.0				3.8				

C-REF-NO 001
CONS. NO 057
COUNTRY 18
INSTITUTE 22

LAT 43-34-42N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 02
TIME 0900

NO. DEPTHS 01
SOUNDING 1926
BT SLIDE NO 057

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			2.05	0.01	0.4	334	8.000	13.58

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.040	0.225	0.452	4.0				

C-REF-NO 001
CONS. NO 058
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 02
TIME 0950

NO. DEPTHS 02
SOUNDING 1512
BT SLIDE NO 058

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			2.05	0.02				
143.0			2.12	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				4.2	400E01		220E02	330E01
143.0					100E00		190E02	700E00

C-REF-NO 001
CONS. NO 059
COUNTRY 18
INSTITUTE 22

LAT 43-43-18N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 02
TIME 1040

NO. DEPTHS 04
SOUNDING 0975
BT SLIDE NO 059

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			2.47	0.02	0.5	337	8.100	13.71
29.0					1.2	342	8.000	13.65
50.0			2.46	0.01				
94.0			2.48	0.02	1.1	344	8.000	13.68

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.062	0.223	0.376	4.5				
29.0	0.041	0.220	0.380					
50.0		0.223						
94.0	0.035		0.376					

C-REF-NO 001
CONS. NO 060
COUNTRY 18
INSTITUTE 22

LAT 43-47-42N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 02
TIME 1140

NO. DEPTHS 02
SOUNDING 0634
BT SLIDE NO 060

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	5.0	9	3.24	0.00				
59.0			3.25	0.00				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				6.8	000E00		160E02	140E01
59.0					000E00		110E02	100E01

C-REF-NO 001
CONS. NO 061
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 02
TIME 1226

NO. DEPTHS 02
SOUNDING 0189
BT SLIDE NO 061

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	3.0	10	5.38	0.00	0.9	331	8.300	13.74
16.0			4.97	0.02				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.015	0.127	0.104	6.3	000E00	000E00	100E02	100E01
16.0					100E00	000E00	770E01	240E01

C-REF-NO 001
CONS. NO 062
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 076-42-00W

YEAR 1968
MONTH 05
DAY 02
TIME 1404

NO. DEPTHS 02
SOUNDING 0408
BT SLIDE NO 062

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	3.0	8	4.23	0.01				
40.0			4.20	0.00				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				6.6	000E00		150E02	850E01
40.0					000E00		190E02	450E01

C-REF-NO 001
CONS. NO 063
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 076-42-00W

YEAR 1968
MONTH 05
DAY 02
TIME 1535

NO. DEPTHS 02
SOUNDING 1509
BT SLIDE NO 063

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	4.0	9	2.26	0.01				
150.0			2.95	0.03				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				3.3	100E00		300E02	250E01
150.0					000E00			260E02

C-REF-NO 001
CONS. NO 064
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 076-42-00W

YEAR 1968
MONTH 05
DAY 02
TIME 1713

NO. DEPTHS 04
SOUNDING 0649
BT SLIDE NO 064

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	7.5	8	2.78	0.00				
10.0			2.75	0.01				
50.0			2.93	0.00				
60.0			2.90	0.04				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				3.9	000E00	000E00		100E01
10.0					000E00			180E01
50.0					000E00			100E01
60.0					200E00	200E00		220E01

C-REF-NO 001
CONS. NO 065
COUNTRY 18
INSTITUTE 22

LAT 43-23-00N
LON 076-42-00W

YEAR 1968
MONTH 05
DAY 02
TIME 1808

NO. DEPTHS 03
SOUNDING 0168
BT SLIDE NO 065

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	4.5	9	4.37	0.00				
10.0			4.40	0.02				
16.0			4.39	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0					100E00	000E00	640E02	200E01
10.0					000E00		350E02	160E01
16.0					000E00	000E00	190E02	120E01

C-REF-NO 001
CONS. NO 066
COUNTRY 18
INSTITUTE 22

LAT 43-28-36N
LON 076-32-06W

YEAR 1968
MONTH 05
DAY 02
TIME 1916

NO. DEPTHS 03
SOUNDING 0189
BT SLIDE NO 066

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	4.0	10	4.79	0.01				
10.0			4.79	0.03				
16.0			4.77	0.02				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0					100E00	000E00	160E02	120E01
10.0					000E00		270E02	720E01
16.0					000E00	000E00	200E02	120E01

C-REF-NO 001
CONS. NO 067
COUNTRY 18
INSTITUTE 22

LAT 43-34-00N
LON 076-24-00W

YEAR 1968
MONTH 05
DAY 02
TIME 2013

NO. DEPTHS 03
SOUNDING 0701
BT SLIDE NO 067

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	8.0	10	2.67	0.00	0.2	341	8.100	13.63
10.0			2.64	0.01				
67.0			3.49	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.035	0.225	0.430	3.2	120E01	000E00	340E02	800E00
10.0					000E00		320E02	800E00
67.0					000E00	000E00	380E02	600E00

C-REF-NO 001
CONS. NO 068
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 076-24-00W

YEAR 1968
MONTH 05
DAY 02
TIME 2058

NO. DEPTHS 03
SOUNDING 1021
BT SLIDE NO 068

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	6.5	10	2.75	0.01	0.6	334	8.100	13.71
30.0			2.72	0.01	0.5	332	8.200	13.66
98.0			3.22	0.00	1.6	333	8.200	13.43

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.036	0.225	0.400	3.3	500E00		440E02	700E00
30.0	0.034	0.224	0.415					
98.0	0.042	0.205	0.400		000E00		480E02	800E00

C-REF-NO 001
CONS. NO 069
COUNTRY 18
INSTITUTE 22

LAT 43-43-12N
LON 076-24-00W

YEAR 1968
MONTH 05
DAY 02
TIME 2150

NO. DEPTHS 03
SOUNDING 0597
BT SLIDE NO 069

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	5.0	8	2.99	0.01				
10.0			2.98	0.01				
55.0			3.36	0.01				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0				3.7	100E00		450E02	210E01
10.0					000E00		470E02	600E00
55.0					100E00		320E02	300E01

C-REF-NO 001
CONS. NO 070
COUNTRY 18
INSTITUTE 22

LAT 43-47-42N
LON 076-24-00W

YEAR 1968
MONTH 05
DAY 02
TIME 2234

NO. DEPTHS 01
SOUNDING 0466
BT SLIDE NO 070

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
0.0	5.0	8	4.50					

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
0.0				6.3				

C-REF-NO 001
CONS. NO 071
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 076-24-00W

YEAR 1968
MONTH 05
DAY 02
TIME 2311

NO. DEPTHS 02
SOUNDING 0158
BT SLIDE NO 071

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	6.0	10	4.72	0.01	0.9	326	8.500	14.44
10.0			4.70	0.00				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.032	0.150	0.100	9.4	100E00	000E00	100E02	100E01
10.0					000E00		140E02	140E01

C-REF-NO 001
CONS. NO 072
COUNTRY 18
INSTITUTE 22

LAT 43-56-18N
LON 076-12-00W

YEAR 1968
MONTH 05
DAY 03
TIME 0038

NO. DEPTHS 03
SOUNDING 0226
BT SLIDE NO 072

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			6.75	0.01	1.2	267	8.300	12.78
10.0			6.74	0.02				
23.0			6.28	0.03	1.2	277	8.300	12.95

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.027	0.145	0.770	10.8	280E01	000E00	610E02	120E02
10.0					200E01		100E03	150E02
23.0	0.022	0.145	0.775		500E00	100E00	820E02	500E01

C-REF-NO 001
CONS. NO 073
COUNTRY 18
INSTITUTE 22

LAT 44-00-42N
LON 076-30-00W

YEAR 1968
MONTH 05
DAY 03
TIME 0221

NO. DEPTHS 02
SOUNDING 0299
BT SLIDE NO 073

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			4.76	0.01	0.7	323	8.300	13.96
29.0			4.77	0.02				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.036	0.132	0.070	4.4	150E01		980E01	800E00
29.0					700E00		120E02	110E01

C-REF-NO 001
CONS. NO 074
COUNTRY 18
INSTITUTE 22

LAT 44-09-18N
LON 076-36-00W

YEAR 1968
MONTH 05
DAY 03
TIME 0345

NO. DEPTHS 03
SOUNDING 0204
BT SLIDE NO 074

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			5.70	0.02	0.6	333	8.400	13.57
10.0			5.68	0.00				
20.0			5.71	0.03				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.020	0.107	0.040	6.6	340E01	180E01	100E02	260E01
10.0					100E01		760E01	200E01
20.0					120E01	400E00	130E02	160E01

C-REF-NO 001
CONS. NO 075
COUNTRY 18
INSTITUTE 22

LAT 44-00-36N
LON 076-48-00W

YEAR 1968
MONTH 05
DAY 03
TIME 0513

NO. DEPTHS 02
SOUNDING 0305
BT SLIDE NO 075

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			4.81	0.02	0.6	340	8.400	13.77
28.0			4.84	0.03	1.2	338	8.400	13.66

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0	0.022	0.132	0.075	5.6	000E00		620E01	
28.0	0.022	0.132	0.065		000E00		930E01	

C-REF-NO 001
CONS. NO 076
COUNTRY 18
INSTITUTE 22

LAT 43-17-18N
LON 079-24-00W

YEAR 1968
MONTH 05
DAY 03
TIME 1613

NO. DEPTHS 01
SOUNDING 0786
BT SLIDE NO 076

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0	7.0	8	3.12	0.01				13.71

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0								

C-REF-NO 001
CONS. NO 077
COUNTRY 18
INSTITUTE 22

LAT 43-21-36N
LON 079-42-00W

YEAR 1968
MONTH 05
DAY 03
TIME 1739

NO. DEPTHS 03
SOUNDING 0253
BT SLIDE NO 077

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	PH 25	O2 W
1.0			5.04	0.01				
10.0			5.02	0.01				
25.0			4.45	0.03				

DEPTH	SR PO4	TFNO3	R SIO2	CHLORA	MF COL	MF FCO	SPC 20	SPC 35
1.0								
10.0								
25.0								

CRUISE 68 - 005

C-REF-NO 005
CONS. NO 001
COUNTRY 18
INSTITUTE 22

LAT 43-17-18N
LON 079-42-00W

YEAR 1968
MONTH 05
DAY 27
TIME 1513

NO. DEPTHS 02
SOUNDING 0290
BT SLIDE NO 001

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	1.0	11	6.47	0.01	4.0	334	14.00	0.275
28.0			6.44	0.00	4.0	331	14.00	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.019	0.004	0.175	0.135	8.7
28.0	0.017	0.004	0.173	0.100	

C-REF-NO 005
CONS. NO 002
COUNTRY 18
INSTITUTE 22

LAT 43-21-42N
LON 079-42-00W

YEAR 1968
MONTH 05
DAY 27
TIME 1608

NO. DEPTHS 01
SOUNDING 0320
BT SLIDE NO 002

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.0	11	7.16	0.01	5.5	332	13.90	0.220

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.017	0.012	0.172	0.135	8.5

C-REF-NO 005
CONS. NO 003
COUNTRY 18
INSTITUTE 22

LAT 43-13-00N
LON 079-24-00W

YEAR 1968
MONTH 05
DAY 27
TIME 1807

NO. DEPTHS 02
SOUNDING 0122
BT SLIDE NO 003

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.0	10	7.99	0.01	2.1	331	12.90	0.120
11.0			6.97	0.00	2.5	334	12.90	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.007	0.008	0.150	0.175	7.7
11.0	0.014	0.004	0.195	0.265	

C-REF-NO 005
CONS. NO 004
COUNTRY 18
INSTITUTE 22

LAT 43-17-12N
LON 079-24-00W

YEAR 1968
MONTH 05
DAY 27
TIME 1858

NO. DEPTHS 03
SOUNDING 0774
BT SLIDE NO 004

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.0	11	6.37	0.00	0.2	330	13.80	0.117
29.0			4.50	0.03	0.2	333	13.90	
43.0			4.05	0.01	0.4	331	13.70	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.010	0.004	0.162	0.230	6.6
29.0	0.017	0.004	0.190	0.295	
43.0	0.021	0.004	0.220	0.430	

C-REF-NO 005
CONS. NO 005
COUNTRY 18
INSTITUTE 22

LAT 43-21-24N
LON 079-24-00W

YEAR 1968
MONTH 05
DAY 27
TIME 1955

NO. DEPTHS 01
SOUNDING 0981
BT SLIDE NO 005

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	3.0	9	3.89	0.01	0.2	336	13.60	0.072

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.028	0.000	0.220	0.445	3.4

C-REF-NO 005
CONS. NO 006
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 079-24-00W

YEAR 1968
MONTH 05
DAY 27
TIME 2039

NO. DEPTHS 01
SOUNDING 1073
BT SLIDE NO 006

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	8.5	8	3.64	0.01	0.1	335	13.80	0.062

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.028	0.000	0.225	0.495	4.0

C-REF-NO 005
CONS. NO 007
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 079-24-00W

YEAR 1968
MONTH 05
DAY 27
TIME 2124

NO. DEPTHS 03
SOUNDING 0875
BT SLIDE NO 007

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.5	8	3.80	0.02	0.5	334	13.70	0.062
29.0			3.80	0.00	0.2	333	13.60	
85.0			3.78	0.01	1.1	333	13.90	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.030	0.008	0.225	0.465	3.9
29.0	0.018	0.007	0.220	0.490	
85.0	0.019	0.004	0.220	0.425	

C-REF-NO 005
CONS. NO 008
COUNTRY 18
INSTITUTE 22

LAT 43-34-24N
LON 079-24-00W

YEAR 1968
MONTH 05
DAY 27
TIME 2240

NO. DEPTHS 01
SOUNDING 0600
BT SLIDE NO 008

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	6.0	9	4.31	0.00	0.3	334	13.70	0.064

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.025	0.000	0.207	0.325	6.9

C-REF-NO 005
CONS. NO 009
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 079-06-00W

YEAR 1968
MONTH 05
DAY 28
TIME 0141

NO. DEPTHS 01
SOUNDING 1085
BT SLIDE NO 009

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			4.00					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					4.9

C-REF-NO 005
CONS. NO 010
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 079-06-00W

YEAR 1968
MONTH 05
DAY 28
TIME 0257

NO. DEPTHS 01
SOUNDING 1222
BT SLIDE NO 010

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			6.50					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					5.1

C-REF-NO 005
CONS. NO 011
COUNTRY 18
INSTITUTE 22

LAT 43-17-42N
LON 079-06-30W

YEAR 1968
MONTH 05
DAY 28
TIME 0354

NO. DEPTHS 01
SOUNDING 0104
BT SLIDE NO 011

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			10.00					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					7.2

C-REF-NO 005
CONS. NO 012
COUNTRY 18
INSTITUTE 22

LAT 43-21-42N
LON 078-48-00W

YEAR 1968
MONTH 05
DAY 28
TIME 0532

NO. DEPTHS 01
SOUNDING 0561
BT SLIDE NO 012

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			4.45	0.04	0.5	335	13.30	0.120

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.004	0.007	0.200	0.405	2.9

C-REF-NO 005
CONS. NO 013
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 078-48-00W

YEAR 1968
MONTH 05
DAY 28
TIME 0616

NO. DEPTHS 03
SOUNDING 1268
BT SLIDE NO 013

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			5.76	0.03	0.6	331	13.30	0.021
30.0			4.28	0.02	0.5	329	13.50	
123.0			3.82	0.02	40.0	333	13.50	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.001	0.017	0.201	0.465	4.2
30.0	0.000	0.012	0.215	0.425	
123.0	0.001	0.018	0.217	0.890	

C-REF-NO 005
CONS. NO 014
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 078-48-00W

YEAR 1968
MONTH 05
DAY 28
TIME 0703

NO. DEPTHS 01
SOUNDING 1494
BT SLIDE NO 014

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			3.50					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					3.2

C-REF-NO 005
CONS. NO 015
COUNTRY 18
INSTITUTE 22

LAT 43-34-36N
LON 078-48-00W

YEAR 1968
MONTH 05
DAY 28
TIME 0745

NO. DEPTHS 01
SOUNDING 1457
BT SLIDE NO 015

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			3.43	0.00	0.1	334	13.60	0.052

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.017	0.009	0.217	0.715	3.2

C-REF-NO 005
CONS. NO 016
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 078-48-00W

YEAR 1968
MONTH 05
DAY 28
TIME 0814

NO. DEPTHS 01
SOUNDING 1250
BT SLIDE NO 016

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			3.30					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					3.3

C-REF-NO 005
CONS. NO 017
COUNTRY 18
INSTITUTE 22

LAT 43-43-18N
LON 078-48-00W

YEAR 1968
MONTH 05
DAY 28
TIME 0859

NO. DEPTHS 03
SOUNDING 0993
BT SLIDE NO 017

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			3.46	0.00	0.2	333	13.80	0.102
30.0			3.47	0.01	0.2	330	13.70	
92.0			3.48	0.01	1.0	330	13.80	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.030	0.001	0.216	0.350	3.5
30.0	0.031	0.005	0.212	0.350	
92.0	0.023	0.008	0.212	0.375	

C-REF-NO 005
CONS. NO 018
COUNTRY 18
INSTITUTE 22

LAT 43-47-36N
LON 078-48-00W

YEAR 1968
MONTH 05
DAY 28
TIME 0959

NO. DEPTHS 01
SOUNDING 0561
BT SLIDE NO 018

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	5.0	9	4.33	0.00	0.6	333	13.70	0.050

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.020	0.007	0.190	0.210	6.6

C-REF-NO 005
CONS. NO 019
COUNTRY 18
INSTITUTE 22

LAT 43-51-00N
LON 078-48-00W

YEAR 1968
MONTH 05
DAY 28
TIME 1036

NO. DEPTHS 01
SOUNDING 0195
BT SLIDE NO 019

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			7.25	0.01	1.1	331	13.80	0.059

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.009	0.018	0.118	0.070	11.7

C-REF-NO 005
CONS. NO 020
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 078-30-00W

YEAR 1968
MONTH 05
DAY 28
TIME 1206

NO. DEPTHS 01
SOUNDING 0375
BT SLIDE NO 020

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	3.5	10	7.50					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					8.7

C-REF-NO 005
CONS. NO 021
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 078-30-00W

YEAR 1968
MONTH 05
DAY 28
TIME 1326

NO. DEPTHS 01
SOUNDING 1417
BT SLIDE NO 021

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	6.0	7	3.50					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					3.4

C-REF-NO 005
CONS. NO 022
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 078-30-00W

YEAR 1968
MONTH 05
DAY 28
TIME 1504

NO. DEPTHS 03
SOUNDING 1161
BT SLIDE NO 022

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	7.0	7	4.38	0.00				
30.0			4.34	0.02				
113.0			3.88	0.00				

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					3.4
30.0					
113.0					

C-REF-NO 005
CONS. NO 023
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 078-12-00W

YEAR 1968
MONTH 05
DAY 28
TIME 1705

NO. DEPTHS 01
SOUNDING 0817
BT SLIDE NO 023

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	5.0	8	3.20					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					3.2

C-REF-NO 005
CONS. NO 024
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 078-12-00W

YEAR 1968
MONTH 05
DAY 28
TIME 1822

NO. DEPTHS 01
SOUNDING 1591
BT SLIDE NO 024

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	7.0	7	3.00					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					2.7

C-REF-NO 005
CONS. NO 025
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 078-12-00W

YEAR 1968
MONTH 05
DAY 28
TIME 1939

NO. DEPTHS 01
SOUNDING 0530
BT SLIDE NO 025

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	4.0	8	6.10					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					6.3

C-REF-NO 005
CONS. NO 026
COUNTRY 18
INSTITUTE 22

LAT 43-56-18N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 28
TIME 2128

NO. DEPTHS 03
SOUNDING 0390
BT SLIDE NO 026

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	4.0	11	8.01	0.00	0.4	333	13.50	0.044
29.0			6.89	0.01	0.3	330	13.50	
37.0			6.60	0.03	0.4	329	13.50	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.001	0.011	0.090	0.085	8.3
29.0	0.002	0.008	0.130	0.055	
37.0	0.002	0.011	0.143	0.065	

C-REF-NO 005
CONS. NO 027
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 28
TIME 2214

NO. DEPTHS 01
SOUNDING 0619
BT SLIDE NO 027

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	5.5	9	5.00	0.00	0.3	329	13.90	0.039

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.002	0.007	0.175	0.115	5.4

C-REF-NO 005
CONS. NO 028
COUNTRY 18
INSTITUTE 22

LAT 43-47-00N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 28
TIME 2254

NO. DEPTHS 01
SOUNDING 1042
BT SLIDE NO 028

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	6.0	8	3.50					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					4.6

C-REF-NO 005
CONS. NO 029
COUNTRY 18
INSTITUTE 22

LAT 43-43-18N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 28
TIME 2332

NO. DEPTHS 03
SOUNDING 1323
BT SLIDE NO 029

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	8.5	8	3.21	0.01	0.1	333	13.80	0.072
30.0			3.22	0.03	0.2	331	13.80	
130.0			3.31	0.01	0.3	334	13.80	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.038	0.008	0.225	0.370	4.6
30.0	0.040	0.006	0.230	0.425	
130.0	0.034	0.007	0.223	0.415	

C-REF-NO 005
CONS. NO 030
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 29
TIME 0030

NO. DEPTHS 01
SOUNDING 1636
BT SLIDE NO 030

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	7.5	7	3.00					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					3.5

C-REF-NO 005
CONS. NO 031
COUNTRY 18
INSTITUTE 22

LAT 43-34-42N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 29
TIME 0110

NO. DEPTHS 01
SOUNDING 1841
BT SLIDE NO 031

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			2.96	0.01	0.1	335	13.60	0.060

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.040	0.007	0.235	0.495	3.2

C-REF-NO 005
CONS. NO 032
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 29
TIME 0145

NO. DEPTHS 01
SOUNDING 1655
BT SLIDE NO 032

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			3.00					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					3.1

C-REF-NO 005
CONS. NO 033
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 29
TIME 0234

NO. DEPTHS 03
SOUNDING 1152
BT SLIDE NO 033

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			3.36	0.02	0.5	314	13.60	0.051
30.0			3.41	0.00	0.2	335	13.60	
112.0			3.68	0.01	0.3	337	13.60	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.020	0.007	0.225	0.455	3.0
30.0	0.029	0.005	0.220	0.430	
112.0	0.027	0.005	0.212	0.405	

C-REF-NO 005
CONS. NO 034
COUNTRY 18
INSTITUTE 22

LAT 43-22-00N
LON 077-54-00W

YEAR 1968
MONTH 05
DAY 29
TIME 0326

NO. DEPTHS 01
SOUNDING 0171
BT SLIDE NO 034

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			4.65	0.00	0.4	334	13.40	0.061

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.025	0.008	0.200	0.370	6.0

C-REF-NO 005
CONS. NO 035
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 077-36-00W

YEAR 1968
MONTH 05
DAY 29
TIME 0553

NO. DEPTHS 01
SOUNDING 1615
BT SLIDE NO 035

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			3.50					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					

C-REF-NO 005
CONS. NO 036
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 077-36-00W

YEAR 1968
MONTH 05
DAY 29
TIME 0707

NO. DEPTHS 01
SOUNDING 1390
BT SLIDE NO 036

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			3.10					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					3.3

C-REF-NO 005
CONS. NO 037
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 077-36-00W

YEAR 1968
MONTH 05
DAY 29
TIME 0832

NO. DEPTHS 01
SOUNDING 0497
BT SLIDE NO 037

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			5.70					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					8.0

C-REF-NO 005
CONS. NO 038
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 077-18-00W

YEAR 1968
MONTH 05
DAY 29
TIME 1031

NO. DEPTHS 01
SOUNDING 0290
BT SLIDE NO 038

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	4.0	8	7.20					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					11.8

C-REF-NO 005
CONS. NO 039
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 077-18-00W

YEAR 1968
MONTH 05
DAY 29
TIME 1150

NO. DEPTHS 01
SOUNDING 1192
BT SLIDE NO 039

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	3.0	8	4.00					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					4.2

C-REF-NO 005
CONS. NO 040
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 077-18-00W

YEAR 1968
MONTH 05
DAY 29
TIME 1310

NO. DEPTHS 01
SOUNDING 2109
BT SLIDE NO 040

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	7.5	7	3.00					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					2.6

C-REF-NO 005
CONS. NO 041
COUNTRY 18
INSTITUTE 22

LAT 43-17-12N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 29
TIME 1519

NO. DEPTHS 01
SOUNDING 0168
BT SLIDE NO 041

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	4.0	10	6.15	0.00	0.6	328	13.70	0.061

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.011	0.010	0.160	0.185	7.4

C-REF-NO 005
CONS. NO 042
COUNTRY 18
INSTITUTE 22

LAT 43-21-42N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 29
TIME 1551

NO. DEPTHS 01
SOUNDING 0756
BT SLIDE NO 042

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	3.5	10	6.50					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					15.4

C-REF-NO 005
CONS. NO 043
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 29
TIME 1635

NO. DEPTHS 03
SOUNDING 1530
BT SLIDE NO 043

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	7.0	8	2.94	0.01	0.1	331	13.80	0.159
30.0			2.93	0.00	0.2	331	13.60	
150.0			3.16	0.01	0.2	333	13.50	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.034	0.025	0.277	0.855	
30.0	0.025	0.018	0.275	1.030	
150.0	0.036	0.010	0.232	1.000	

C-REF-NO 005
CONS. NO 044
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 29
TIME 1725

NO. DEPTHS 01
SOUNDING 2195
BT SLIDE NO 044

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	4.0	7	3.00					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					

C-REF-NO 005
CONS. NO 045
COUNTRY 18
INSTITUTE 22

LAT 43-34-42N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 29
TIME 1805

NO. DEPTHS 01
SOUNDING 1896
BT SLIDE NO 045

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	4.0	8	2.92	0.01	0.2	335	13.60	0.111

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.017	0.013	0.235	0.875	

C-REF-NO 005
CONS. NO 046
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 29
TIME 1837

NO. DEPTHS 01
SOUNDING 1304
BT SLIDE NO 046

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	6.0	8	3.20					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					

C-REF-NO 005
CONS. NO 047
COUNTRY 18
INSTITUTE 22

LAT 43-43-18N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 29
TIME 1914

NO. DEPTHS 03
SOUNDING 0957
BT SLIDE NO 047

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	5.0	7	3.51	0.00	0.2	335	13.60	0.053
30.0			3.52	0.02	0.2	334	13.60	
92.0			3.76	0.00	0.2	332	13.60	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.041	0.014	0.225	1.010	
30.0	0.036	0.011	0.225	0.810	
92.0	0.026	0.012	0.220	0.910	

C-REF-NO 005
CONS. NO 048
COUNTRY 18
INSTITUTE 22

LAT 43-47-42N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 29
TIME 2002

NO. DEPTHS 01
SOUNDING 0579
BT SLIDE NO 048

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	4.0	9	4.20					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					

C-REF-NO 005
CONS. NO 049
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 077-00-00W

YEAR 1968
MONTH 05
DAY 29
TIME 2041

NO. DEPTHS 01
SOUNDING 0158
BT SLIDE NO 049

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			8.44	0.01	0.6	328	12.90	0.043

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.013	0.009	0.093	0.140	

C-REF-NO 005
CONS. NO 050
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 076-42-00W

YEAR 1968
MONTH 05
DAY 29
TIME 2205

NO. DEPTHS 01
SOUNDING 0402
BT SLIDE NO 050

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	4.0	11	6.70					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					

C-REF-NO 005
CONS. NO 051
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 076-42-00W

YEAR 1968
MONTH 05
DAY 29
TIME 2320

NO. DEPTHS 01
SOUNDING 1451
BT SLIDE NO 051

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			4.40					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					

C-REF-NO 005
CONS. NO 052
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 076-42-00W

YEAR 1968
MONTH 05
DAY 30
TIME 0040

NO. DEPTHS 01
SOUNDING 0701
BT SLIDE NO 052

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	5.0	10	5.30					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					

C-REF-NO 005
CONS. NO 053
COUNTRY 18
INSTITUTE 22

LAT 43-34-00N
LON 076-24-00W

YEAR 1968
MONTH 05
DAY 30
TIME 0233

NO. DEPTHS 01
SOUNDING 0619
BT SLIDE NO 053

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			7.31	0.00	0.3	342	13.80	0.077

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.009	0.006	0.112	0.150	

C-REF-NO 005
CONS. NO 054
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 076-24-00W

YEAR 1968
MONTH 05
DAY 30
TIME 0322

NO. DEPTHS 03
SOUNDING 1042
BT SLIDE NO 054

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			4.19	0.01	0.2	344	13.60	0.059
30.0			4.06	0.01	0.3	322	13.80	
103.0			3.94	0.01	0.5	344	13.40	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.009	0.014	0.205	1.015	
30.0	0.031	0.014	0.210	0.830	
103.0	0.029	0.018	0.212	0.800	

C-REF-NO 005
CONS. NO 055
COUNTRY 18
INSTITUTE 22

LAT 43-43-12N
LON 076-24-00W

YEAR 1968
MONTH 05
DAY 30
TIME 0407

NO. DEPTHS 01
SOUNDING 0561
BT SLIDE NO 055

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			4.50					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					

C-REF-NO 005
CONS. NO 056
COUNTRY 18
INSTITUTE 22

LAT 43-47-42N
LON 076-24-00W

YEAR 1968
MONTH 05
DAY 30
TIME 0441

NO. DEPTHS 01
SOUNDING 0469
BT SLIDE NO 056

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			5.00					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					

C-REF-NO 005
CONS. NO 057
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 076-24-00W

YEAR 1968
MONTH 05
DAY 30
TIME 0519

NO. DEPTHS 01
SOUNDING 0140
BT SLIDE NO 057

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			9.44	0.01	0.3	324	12.80	0.093

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.009	0.011	0.075	0.675	

C-REF-NO 005
CONS. NO 058
COUNTRY 18
INSTITUTE 22

LAT 43-56-18N
LON 076-12-00W

YEAR 1968
MONTH 05
DAY 30
TIME 0633

NO. DEPTHS 02
SOUNDING 0226
BT SLIDE NO 058

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			9.54	0.01	1.1	306	11.50	0.050
20.0			5.56	0.00	1.0	329	12.90	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.016	0.022	0.080	0.750	
20.0	0.014	0.025	0.155	0.525	

C-REF-NO 005
CONS. NO 059
COUNTRY 18
INSTITUTE 22

LAT 44-00-42N
LON 076-30-00W

YEAR 1968
MONTH 05
DAY 30
TIME 0811

NO. DEPTHS 01
SOUNDING 0293
BT SLIDE NO 059

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			8.65	0.01	0.6	334	13.00	0.065

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.006	0.014	0.090	0.350	

C-REF-NO 005
CONS. NO 060
COUNTRY 18
INSTITUTE 22

LAT 44-09-18N
LON 076-36-00W

YEAR 1968
MONTH 05
DAY 30
TIME 0922

NO. DEPTHS 01
SOUNDING 0207
BT SLIDE NO 060

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	4.0	10	8.75	0.01	0.7	331	12.50	0.076

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.010	0.017	0.088	0.125	

C-REF-NO 005
CONS. NO 061
COUNTRY 18
INSTITUTE 22

LAT 44-00-36N
LON 076-48-00W

YEAR 1968
MONTH 05
DAY 30
TIME 1048

NO. DEPTHS 03
SOUNDING 0317
BT SLIDE NO 061

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	4.5	10	8.38	0.00	0.3	324	11.40	0.042
20.0			8.33	0.00	0.2	328	11.90	
30.0			6.63	0.03	0.2	331	12.60	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.010	0.008	0.085	0.330	
20.0	0.006	0.006	0.082	0.100	
30.0	0.010	0.008	0.082	0.075	

CRUISE 68 - 009

C-REF-NO 009
CONS. NO 001
COUNTRY 18
INSTITUTE 22

LAT 43-17-18N
LON 079-42-00W

YEAR 1968
MONTH 07
DAY 02
TIME 1503

NO. DEPTHS 05
SOUNDING 0274
BT SLIDE NO 001

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	1.5	10	13.81	0.02	0.5	331	12.13	0.084
5.0			13.80	0.01	0.5	324	12.08	
10.0			13.05		0.6	326	12.04	
20.0			8.48	0.01	0.5	333	12.07	
26.0			5.36	0.01	0.4	333	12.36	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.049	0.046	0.050	0.130	17.3
5.0					
10.0					
20.0					
26.0	0.029	0.058	0.187	0.323	

C-REF-NO 009
CONS. NO 002
COUNTRY 18
INSTITUTE 22

LAT 43-21-42N
LON 079-42-00W

YEAR 1968
MONTH 07
DAY 02
TIME 1542

NO. DEPTHS 05
SOUNDING 0290
BT SLIDE NO 002

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.0	10	12.64	0.01	0.4	326	12.27	0.060
5.0			12.86	0.01	0.4	329	12.19	
10.0			7.92	0.02	0.6	330	12.33	
20.0			6.64	0.00	0.7	333	12.68	
28.0			6.03	0.01	0.9	332	12.44	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.022	0.038	0.045	0.104	10.0
5.0					
10.0					
20.0					
28.0					

C-REF-NO 009
CONS. NO 003
COUNTRY 18
INSTITUTE 22

LAT 43-13-00N
LON 079-24-00W

YEAR 1968
MONTH 07
DAY 02
TIME 1727

NO. DEPTHS 04
SOUNDING 0143
BT SLIDE NO 003

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.5	10	14.37	0.01	0.6	322	12.59	0.058
5.0			14.38	0.00	0.6	319	12.58	
10.0			14.04	0.02	0.6	323	12.44	
13.0			13.88	0.02	0.7	330	12.11	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.021	0.037	0.005	0.120	13.4
5.0					
10.0					
13.0					

C-REF-NO 009
CONS. NO 004
COUNTRY 18
INSTITUTE 22

LAT 43-17-12N
LON 079-24-00W

YEAR 1968
MONTH 07
DAY 02
TIME 1816

NO. DEPTHS 07
SOUNDING 0753
BT SLIDE NO 004

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.0	11	14.34	0.01	0.2	331	13.01	0.048
5.0			13.92	0.00	0.5	326	13.12	
10.0			11.74	0.01	0.4	329	12.22	
20.0			6.25	0.02	0.2	336	12.53	
30.0			4.66	0.01	0.2	334	12.93	
49.0			4.06	0.02	0.3	336	12.75	
73.0			4.10	0.01	2.1	337	12.51	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.023	0.026	0.005	0.130	8.8
5.0					
10.0					
20.0					
30.0					
49.0					
73.0					

C-REF-NO 009
CONS. NO 005
COUNTRY 18
INSTITUTE 22

LAT 43-21-24N
LON 079-24-00W

YEAR 1968
MONTH 07
DAY 02
TIME 1910

NO. DEPTHS 01
SOUNDING 0990
BT SLIDE NO 005

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.5	11	12.57	0.02	0.5	329	12.90	0.054

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.022	0.027	0.013	0.123	10.0

C-REF-NO 009
CONS. NO 006
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 079-24-00W

YEAR 1968
MONTH 07
DAY 02
TIME 2026

NO. DEPTHS 09
SOUNDING 1097
BT SLIDE NO 006

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.0	10	12.52	0.00	0.4	330	13.57	0.060
5.0			12.58	0.02	0.5	326	13.64	
10.0			11.79	0.01	0.4	326	12.77	
20.0			5.00	0.01	0.1	335	13.23	
30.0			4.00	0.01	0.1	335	13.32	
50.0			3.94	0.01	0.2	335	13.43	
75.0			3.87	0.04	0.1	335	13.60	
99.0			3.86	0.01	0.2	336	12.89	
106.0			3.88	0.00	0.3	340	12.85	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.022	0.027	0.007	0.110	9.2
5.0					
10.0					
20.0					
30.0					
50.0					
75.0					
99.0					
106.0					

C-REF-NO 009
CONS. NO 007
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 079-24-00W

YEAR 1968
MONTH 07
DAY 02
TIME 2115

NO. DEPTHS 03
SOUNDING 0929
BT SLIDE NO 007

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.5	11	11.50	0.01	0.9	334	13.46	0.100
30.0			4.11	0.02	1.0	333	13.29	
91.0			3.91	0.01	0.1	337	13.23	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.022	0.031	0.060	0.133	9.2
30.0	0.023	0.033	0.198	0.253	
91.0	0.040	0.031	0.212	0.347	

C-REF-NO 009
CONS. NO 008
COUNTRY 18
INSTITUTE 22

LAT 43-34-24N
LON 079-24-00W

YEAR 1968
MONTH 07
DAY 02
TIME 2220

NO. DEPTHS 07
SOUNDING 0616
BT SLIDE NO 008

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.0	10	11.01	0.01	0.3	333	12.89	0.064
5.0			10.77	0.04	0.3	333	12.82	
10.0			8.00	0.00	0.2	333	12.87	
20.0			6.97	0.01	0.1	338	12.82	
30.0			6.03	0.00	0.1	337	12.82	
50.0			5.01	0.00	0.1	338	12.98	
59.0			4.69	0.00	0.1	336	13.06	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.022	0.032	0.072	0.137	6.4
5.0					
10.0					
20.0					
30.0					
50.0					
59.0					

C-REF-NO 009
CONS. NO 009
COUNTRY 18
INSTITUTE 22

LAT 43-47-24N
LON 079-05-42W

YEAR 1968
MONTH 07
DAY 03
TIME 0026

NO. DEPTHS 04
SOUNDING 0171
BT SLIDE NO 009

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	3.0	9	7.84	0.01	0.2	329	12.70	
5.0			7.83	0.01	0.2	338	12.70	
10.0			7.57	0.00	0.2	336	12.70	
16.0			5.81	0.00	0.2	334	12.60	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					
5.0					
10.0					
16.0					

C-REF-NO 009
CONS. NO 010
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 079-06-00W

YEAR 1968
MONTH 07
DAY 03
TIME 0136

NO. DEPTHS 09
SOUNDING 1097
BT SLIDE NO 010

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			12.08	0.00			13.40	
5.0			12.08	0.02	0.4	324	13.36	
10.0			12.02	0.00	0.4	325	13.33	
20.0			6.17	0.01	0.2	330	13.11	
30.0			4.21	0.01	0.2	330	13.13	
50.0			3.96	0.05	0.3	332	13.32	
75.0			3.87	0.01	0.2	333	13.30	
100.0			3.77	0.01	0.3	332	13.10	
108.0			3.77	0.00	0.3	333	13.09	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					7.6
5.0					
10.0					
20.0					
30.0					
50.0					
75.0					
100.0					
108.0					

C-REF-NO 009
CONS. NO 011
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 079-06-00W

YEAR 1968
MONTH 07
DAY 03
TIME 0310

NO. DEPTHS 09
SOUNDING 1213
BT SLIDE NO 011

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			14.93	0.00	0.3	323	12.02	
5.0			14.92	0.01	0.6	321	12.08	
10.0			14.63	0.01	0.2	327	12.04	
20.0			8.00	0.01	0.1	332	11.79	
30.0			5.84	0.01	0.2	321	12.28	
50.0			4.35	0.03	0.3	331	13.01	
75.0			4.03	0.02	0.2	331	13.12	
100.0			3.87	0.01	0.2	335	12.92	
118.0			3.87	0.01	0.4	332	12.84	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					8.6
5.0					
10.0					
20.0					
30.0					
50.0					
75.0					
100.0					
118.0					

C-REF-NO 009
CONS. NO 012
COUNTRY 18
INSTITUTE 22

LAT 43-17-42N
LON 079-06-30W

YEAR 1968
MONTH 07
DAY 03
TIME 0417

NO. DEPTHS 03
SOUNDING 0104
BT SLIDE NO 012

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			17.45	0.02	1.5	315	10.21	
5.0			17.45	0.00	1.7	319	10.20	
9.0			15.06	0.02	0.3	328	11.66	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					7.6
5.0					
9.0					

C-REF-NO 009
CONS. NO 013
COUNTRY 18
INSTITUTE 22

LAT 43-21-42N
LON 078-48-00W

YEAR 1968
MONTH 07
DAY 03
TIME 0620

NO. DEPTHS 07
SOUNDING 0552
BT SLIDE NO 013

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			14.32	0.01	0.4	330	11.63	0.048
5.0			14.34	0.00	0.5	329	11.83	
10.0			14.27	0.02	0.4	329	11.53	
19.0			12.13	0.01	0.2	330	11.51	
29.0			8.08	0.01	0.2	332	12.07	
49.0			4.83	0.02	0.2	336	12.53	
53.0			4.82	0.00	0.3	334	12.53	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.014	0.045	0.040	0.160	4.0
5.0					
10.0					
19.0					
29.0					
49.0					
53.0					

C-REF-NO 009
CONS. NO 014
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 078-48-00W

YEAR 1968
MONTH 07
DAY 03
TIME 0711

NO. DEPTHS 09
SOUNDING 1256
BT SLIDE NO 014

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			14.47	0.01	0.2	332	12.00	0.050
5.0			14.50	0.02	0.2	324	12.00	
10.0			14.47	0.02	0.2	324	11.97	
20.0			8.43	0.06	0.1	334	12.27	
30.0			4.89	0.05	0.1	332	12.89	
50.0			4.00	0.01	0.1	334	13.09	
75.0			3.88	0.00	0.1	337	13.24	
100.0			3.82	0.02	0.1	331	13.23	
124.0			3.79	0.02	6.5	333	13.07	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.014	0.041	0.007	0.150	6.6
5.0					
10.0					
20.0					
30.0	0.022	0.054	0.190	0.260	
50.0					
75.0					
100.0					
124.0	0.049	0.049	0.230	0.580	

C-REF-NO 009
CONS. NO 015
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 078-48-00W

YEAR 1968
MONTH 07
DAY 03
TIME 0810

NO. DEPTHS 01
SOUNDING 1472
BT SLIDE NO 015

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			13.50					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					9.4

C-REF-NO 009
CONS. NO 016
COUNTRY 18
INSTITUTE 22

LAT 43-34-36N
LON 078-48-00W

YEAR 1968
MONTH 07
DAY 03
TIME 0854

NO. DEPTHS 01
SOUNDING 1475
BT SLIDE NO 016

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			12.92	0.00	0.2	327	12.36	0.074

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.022	0.040	0.007	0.145	6.2

C-REF-NO 009
CONS. NO 017
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 078-48-00W

YEAR 1968
MONTH 07
DAY 03
TIME 0948

NO. DEPTHS 09
SOUNDING 1280
BT SLIDE NO 017

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			11.69	0.00	0.1	328	12.82	
5.0			11.70	0.02	0.1	325	12.90	
10.0			11.68	0.01	0.1	326	12.84	
19.0			7.27	0.01	0.1	329	12.90	
29.0			4.36	0.01	0.1	332	13.44	
48.0			3.90	0.02	0.0	334	13.41	
73.0			3.82	0.04	3.2	335	13.44	
97.0			3.75	0.00	0.1	333	13.29	
122.0			3.74	0.01	3.0	336	13.16	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					6.2
5.0					
10.0					
19.0					
29.0					
48.0					
73.0					
97.0					
122.0					

C-REF-NO 009
CONS. NO 018
COUNTRY 18
INSTITUTE 22

LAT 43-43-18N
LON 078-48-00W

YEAR 1968
MONTH 07
DAY 03
TIME 1047

NO. DEPTHS 03
SOUNDING 1006
BT SLIDE NO 018

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			11.57	0.01	0.2	327	13.32	0.048
30.0			3.98	0.00	0.1	332	13.43	
96.0			3.79	0.01	1.2	338	13.15	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.025	0.038	0.007	0.180	6.6
30.0	0.030	0.041	0.204	0.310	
96.0	0.050	0.037	0.217	0.500	

C-REF-NO 009
CONS. NO 019
COUNTRY 18
INSTITUTE 22

LAT 43-47-36N
LON 078-48-00W

YEAR 1968
MONTH 07
DAY 03
TIME 1144

NO. DEPTHS 01
SOUNDING 0561
BT SLIDE NO 019

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	3.0	10	9.86	0.00	0.2	328	12.98	0.040

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.027	0.031	0.080	0.160	8.1

C-REF-NO 009
CONS. NO 020
COUNTRY 18
INSTITUTE 22

LAT 43-51-00N
LON 078-48-00W

YEAR 1968
MONTH 07
DAY 03
TIME 1223

NO. DEPTHS 04
SOUNDING 0201
BT SLIDE NO 020

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.5	9	7.63	0.00	0.2	338	12.72	0.037
5.0			7.62	0.00	0.4	336	12.73	
10.0			7.55	0.01	0.1	333	12.72	
19.0			6.44	0.01	0.1	332	12.45	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.028	0.033	0.150	0.160	5.4
5.0					
10.0					
19.0					

C-REF-NO 009
CONS. NO 021
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 078-30-00W

YEAR 1968
MONTH 07
DAY 03
TIME 1356

NO. DEPTHS 06
SOUNDING 0341
BT SLIDE NO 021

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.5	10	8.36	0.00	0.3	330	13.01	
5.0			8.35	0.01	0.3	329	13.01	
10.0			8.06	0.02	0.3	319	13.07	
20.0			6.86	0.00	0.2	332	12.60	
30.0			6.59	0.01	0.2	334	12.60	
32.0			6.45	0.03	0.2	332	12.51	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					6.0
5.0					
10.0					
20.0					
30.0					
32.0					

C-REF-NO 009
CONS. NO 022
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 078-30-00W

YEAR 1968
MONTH 07
DAY 03
TIME 1540

NO. DEPTHS 09
SOUNDING 1478
BT SLIDE NO 022

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.0	9	12.92	0.00	0.4	322	12.30	
5.0			12.92	0.01	0.3	326	12.30	
10.0			12.87	0.01	0.4	323	12.30	
19.0			8.34	0.00	0.4	328	12.67	
29.0			4.93	0.00	0.5	330	13.80	
48.0			3.90	0.02	0.3	332	13.23	
72.0			3.85	0.03	0.3	330	13.27	
97.0			3.85	0.01	0.5	335	13.32	
140.0			3.76	0.01	1.5	329	13.10	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					5.6
5.0					
10.0					
19.0					
29.0					
48.0					
72.0					
97.0					
140.0					

C-REF-NO 009
CONS. NO 023
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 078-30-00W

YEAR 1968
MONTH 07
DAY 03
TIME 1723

NO. DEPTHS 09
SOUNDING 1149
BT SLIDE NO 023

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.0	11	13.23	0.01	0.5	322	13.16	
5.0			13.20	0.02	0.2	329	13.21	
10.0			12.87	0.01	0.3	325	13.07	
20.0			9.78	0.04	0.6	324	12.73	
30.0			6.88	0.00	0.2	331	12.61	
50.0			4.90	0.02	0.3	331	12.64	
75.0			4.03	0.01	0.7	329	12.99	
100.0			4.04	0.00	0.6	325	12.90	
113.0			4.07	0.01	2.3	333	12.76	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					7.5
5.0					
10.0					
20.0					
30.0					
50.0					
75.0					
100.0					
113.0					

C-REF-NO 009
CONS. NO 024
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 078-12-00W

YEAR 1968
MONTH 07
DAY 03
TIME 1921

NO. DEPTHS 08
SOUNDING 0853
BT SLIDE NO 024

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.0	10	12.60	0.03	0.3	328	13.30	
5.0			12.37	0.04	0.4	324	13.47	
10.0			12.11	0.02	0.4	325	13.23	
20.0			7.62	0.01	0.2	331	12.75	
30.0			6.77	0.03	0.1	333	12.73	
50.0			4.40	0.00	0.1	335	12.78	
75.0			4.02	0.00	0.1	336	12.76	
84.0			4.05	0.00	4.0	333	12.73	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					8.8
5.0					
10.0					
20.0					
30.0					
50.0					
75.0					
84.0					

C-REF-NO 009
CONS. NO 025
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 078-12-00W

YEAR 1968
MONTH 07
DAY 03
TIME 2112

NO. DEPTHS 10
SOUNDING 1572
BT SLIDE NO 025

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.7	11	11.85	0.00	0.2	328	13.16	
5.0			11.84	0.00	0.2	327	13.19	
10.0			11.66	0.01	0.2	326	13.21	
20.0			6.61	0.02	0.1	336	12.99	
30.0			5.12	0.01	0.1	335	13.19	
50.0			4.02	0.03	0.1	337	13.35	
75.0			3.87	0.03	0.1	336	13.35	
100.0			3.83	0.01	0.1	334	13.44	
150.0			3.71	0.01	0.1	338	13.12	
154.0			3.70	0.01	2.6	338	12.98	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					6.8
5.0					
10.0					
20.0					
30.0					
50.0					
75.0					
100.0					
150.0					
154.0					

C-REF-NO 009
CONS. NO 026
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 078-12-00W

YEAR 1968
MONTH 07
DAY 03
TIME 2302

NO. DEPTHS 06
SOUNDING 0475
BT SLIDE NO 026

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.0	10	9.29	0.00	0.2	331	13.77	
5.0			9.23	0.02	0.2	331	13.83	
10.0			9.17	0.02	0.3	331	13.83	
20.0			6.48	0.01	0.1	334	12.79	
30.0			5.38	0.02	0.1	338	12.76	
45.0			4.48	0.03	0.1	338	12.79	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					5.6
5.0					
10.0					
20.0					
30.0					
45.0					

C-REF-NO 009
CONS. NO 027
COUNTRY 18
INSTITUTE 22

LAT 43-56-18N
LON 077-54-00W

YEAR 1968
MONTH 07
DAY 04
TIME 0100

NO. DEPTHS 06
SOUNDING 0381
BT SLIDE NO 027

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			9.31	0.00	0.2	335	12.87	0.043
5.0			9.30	0.01	0.2	334	12.87	
10.0			9.26	0.02	0.3	334	12.84	
20.0			7.89	0.00	0.1	338	12.04	
30.0			5.71	0.01	0.2	340	12.44	
37.0			4.90	0.04	0.2	335	12.39	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.009	0.038	0.098	0.116	4.5
5.0					
10.0					
20.0					
30.0	0.003	0.037	0.140	0.123	
37.0	0.008	0.041	0.193	0.277	

C-REF-NO 009
CONS. NO 028
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 077-54-00W

YEAR 1968
MONTH 07
DAY 04
TIME 0149

NO. DEPTHS 07
SOUNDING 0600
BT SLIDE NO 028

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			10.30	0.01	0.3	333	13.12	0.048
5.0			10.31	0.00	0.3	332	13.12	
10.0			10.29	0.01	0.2	332	13.10	
20.0			7.03	0.00	0.2	334	12.50	
30.0			4.79	0.01	0.3	337	12.68	
50.0			4.37	0.03	0.4	336	12.70	
59.0			4.27	0.03	0.7	337	12.65	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.006	0.027	0.052	0.130	4.7
5.0					
10.0					
20.0					
30.0					
50.0					
59.0					

C-REF-NO 009
CONS. NO 029
COUNTRY 18
INSTITUTE 22

LAT 43-47-00N
LON 077-54-00W

YEAR 1968
MONTH 07
DAY 04
TIME 0230

NO. DEPTHS 01
SOUNDING 1042
BT SLIDE NO 029

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			10.30					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					6.4

C-REF-NO 009
CONS. NO 030
COUNTRY 18
INSTITUTE 22

LAT 43-43-18N
LON 077-54-00W

YEAR 1968
MONTH 07
DAY 04
TIME 0316

NO. DEPTHS 03
SOUNDING 1304
BT SLIDE NO 030

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			11.59	0.00	0.3	326	13.00	0.060
30.0			4.89	0.01	0.5	332	13.15	
128.0			3.77	0.02	0.4	351	12.92	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.005	0.028	0.005	0.137	6.8
30.0	0.001	0.031	0.180	0.237	
128.0	0.027	0.034	0.220	0.574	

C-REF-NO 009
CONS. NO 031
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 077-54-00W

YEAR 1968
MONTH 07
DAY 04
TIME 0422

NO. DEPTHS 10
SOUNDING 1621
BT SLIDE NO 031

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			11.69	0.02	0.5	327	13.18	
5.0			11.68	0.00	0.6	326	13.21	
10.0			10.91	0.02	0.5	325	13.35	
20.0			5.64	0.03	0.1	340	13.30	
30.0			5.07	0.03	0.3	335	13.36	
50.0			4.19	0.00	0.1	334	13.41	
75.0			3.88	0.01	0.1	334	13.43	
100.0			3.81	0.01	0.7	332	13.44	
150.0			3.71	0.00	0.1	334	13.27	
161.0			3.72	0.01	3.9	331	13.07	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					7.1
5.0					
10.0					
20.0					
30.0					
50.0					
75.0					
100.0					
150.0					
161.0					

C-REF-NO 009
CONS. NO 032
COUNTRY 18
INSTITUTE 22

LAT 43-34-42N
LON 077-54-00W

YEAR 1968
MONTH 07
DAY 04
TIME 0510

NO. DEPTHS 01
SOUNDING 1847
BT SLIDE NO 032

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			11.27	0.01	0.4	324	13.78	0.075

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.015	0.022	0.004	0.167	8.2

C-REF-NO 009
CONS. NO 033
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 077-54-00W

YEAR 1968
MONTH 07
DAY 04
TIME 0552

NO. DEPTHS 01
SOUNDING 1636
BT SLIDE NO 033

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			12.30					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					7.8

C-REF-NO 009
CONS. NO 034
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 077-54-00W

YEAR 1968
MONTH 07
DAY 04
TIME 0659

NO. DEPTHS 09
SOUNDING 1179
BT SLIDE NO 034

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			11.64	0.01	0.3	332	13.46	0.088
5.0			11.83	0.02	0.3	329	13.55	
10.0			11.17	0.02	0.3	330	13.24	
20.0			5.58	0.01	0.1	334	13.13	
30.0			4.52	0.01	0.1	336	13.47	
49.0			4.32	0.03	0.2	333	13.52	
74.0			3.98	0.00	0.1	334	13.46	
99.0			3.86	0.02	0.2	334	13.60	
114.0			3.83	0.00	30.0	334	12.98	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.010	0.028	0.013	0.180	11.6
5.0					
10.0					
20.0					
30.0	0.033	0.027	0.202	0.273	
49.0					
74.0					
99.0					
114.0	0.031	0.030	0.205	0.380	

C-REF-NO 009
CONS. NO 035
COUNTRY 18
INSTITUTE 22

LAT 43-22-00N
LON 077-54-00W

YEAR 1968
MONTH 07
DAY 04
TIME 0759

NO. DEPTHS 04
SOUNDING 0119
BT SLIDE NO 035

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			14.97	0.00	0.4	335	11.02	0.081
5.0			14.96	0.02	0.4	333	11.06	
10.0			14.92	0.01	0.4	331	11.00	
11.0			14.91	0.00	0.4	331	11.03	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.013	0.029	0.093	0.197	12.0
5.0					
10.0					
11.0					

C-REF-NO 009
CONS. NO 036
COUNTRY 18
INSTITUTE 22

LAT 43-17-18N
LON 077-36-00W

YEAR 1968
MONTH 07
DAY 04
TIME 0932

NO. DEPTHS 04
SOUNDING 0195
BT SLIDE NO 036

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			13.34	0.01	0.2	331	11.05	
5.0			13.37	0.00	0.3	335	11.12	
10.0			13.35	0.01	0.3	331	11.12	
17.0			13.31	0.01	0.3	335	11.09	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					
5.0					
10.0					
17.0					

C-REF-NO 009
CONS. NO 037
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 077-36-00W

YEAR 1968
MONTH 07
DAY 04
TIME 1057

NO. DEPTHS 10
SOUNDING 1609
BT SLIDE NO 037

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	3.0	10	9.84	0.01	0.1	334	13.75	
5.0			9.44	0.01	0.2	330	13.75	
10.0			7.36	0.01	0.1	336	13.67	
20.0			4.96	0.01	0.1	336	13.30	
30.0			4.36	0.01	0.1	336	13.38	
50.0			3.96	0.03	0.1	336	13.38	
75.0			3.94	0.02	0.1	336	13.43	
100.0			3.86	0.02	0.1	337	13.44	
150.0			3.76	0.01	0.2	336	13.35	
157.0			3.74	0.00	9.0	334	13.32	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					6.0
5.0					
10.0					
20.0					
30.0					
50.0					
75.0					
100.0					
150.0					
157.0					

C-REF-NO 009
CONS. NO 038
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 077-36-00W

YEAR 1968
MONTH 07
DAY 04
TIME 1237

NO. DEPTHS 09
SOUNDING 1375
BT SLIDE NO 038

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.5	10	11.65	0.00	0.4	322	12.93	
5.0			11.57	0.01	0.6	325	12.95	
10.0			11.52	0.01	0.3	327	12.87	
20.0			6.37	0.00	0.4	329	13.06	
30.0			5.21	0.01	0.1	329	13.21	
50.0			3.99	0.01	0.3	331	13.52	
75.0			3.87	0.01	0.1	337	13.52	
100.0			3.80	0.05	0.4	331	13.44	
135.0			3.77	0.01	10.0	332	10.90	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					6.8
5.0					
10.0					
20.0					
30.0					
50.0					
75.0					
100.0					
135.0					

C-REF-NO 009
CONS. NO 039
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 077-36-00W

YEAR 1968
MONTH 07
DAY 04
TIME 1419

NO. DEPTHS 07
SOUNDING 1036
BT SLIDE NO 039

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	3.0	10	11.66	0.01	0.4	325	12.81	
5.0			11.39	0.00	0.4	326	12.99	
10.0			11.20	0.02	0.4	329	12.79	
19.0			8.48	0.01	0.2	332	11.93	
29.0			6.69	0.02	0.2	329	12.10	
48.0			4.86	0.03	0.2	329	12.51	
53.0			4.48	0.03	0.7	333	12.48	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					6.6
5.0					
10.0					
19.0					
29.0					
48.0					
53.0					

C-REF-NO 009
CONS. NO 040
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 077-18-00W

YEAR 1968
MONTH 07
DAY 04
TIME 1649

NO. DEPTHS 05
SOUNDING 0280
BT SLIDE NO 040

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	3.0	9	11.79	0.01	0.3	329	11.80	
5.0			11.33	0.00	0.3	329	11.90	
10.0			10.54	0.02	0.4	328	11.76	
20.0			5.96	0.00	0.4	331	12.25	
27.0			4.68	0.00	0.6	334	12.14	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					6.6
5.0					
10.0					
20.0					
27.0					

C-REF-NO 009
CONS. NO 041
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 077-18-00W

YEAR 1968
MONTH 07
DAY 04
TIME 1833

NO. DEPTHS 09
SOUNDING 1219
BT SLIDE NO 041

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.5	10	12.71	0.09	0.3	331	12.80	
5.0			12.22	0.01	1.7	328	13.04	
10.0			11.70	0.02	0.4	330	12.56	
20.0			7.56	0.07	0.2	333	11.99	
30.0			5.08	0.00	0.1	335	12.82	
50.0			4.04	0.01	0.2	335	13.50	
75.0			3.83	0.01	0.1	335	13.46	
100.0			3.76	0.00	0.1	335	13.38	
121.0			3.70	0.01	25.0	333	12.21	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					9.2
5.0					
10.0					
20.0					
30.0					
50.0					
75.0					
100.0					
121.0					

C-REF-NO 009
CONS. NO 042
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 077-18-00W

YEAR 1968
MONTH 07
DAY 04
TIME 2024

NO. DEPTHS 11
SOUNDING 2060
BT SLIDE NO 042

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	3.5	9	12.65	0.01	0.4	329	13.70	
5.0			12.53	0.01	0.2	328	13.98	
10.0			11.12	0.03	0.3	329	14.45	
20.0			7.69	0.01	0.2	330	13.23	
30.0			4.46	0.01	0.1	333	13.23	
49.0			4.15	0.03	0.1	336	13.29	
74.0			4.05	0.01	2.5	335	13.35	
98.0			3.98	0.00	0.1	336	13.13	
148.0			3.82	0.03	0.1	336	13.36	
197.0			3.68	0.01	0.1	337	13.13	
201.0			3.69	0.02	5.5	336	13.13	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					10.0
5.0					
10.0					
20.0					
30.0					
49.0					
74.0					
98.0					
148.0					
197.0					
201.0					

C-REF-NO 009
CONS. NO 043
COUNTRY 18
INSTITUTE 22

LAT 43-18-42N
LON 077-18-00W

YEAR 1968
MONTH 07
DAY 04
TIME 2152

NO. DEPTHS 06
SOUNDING 0421
BT SLIDE NO 043

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.0	11	13.06	0.00	0.6	331	12.00	
5.0			14.12	0.01	0.7	331	13.36	
10.0			12.85	0.01	0.5	332	11.73	
20.0			12.71	0.02	0.4	333	11.66	
30.0			9.35	0.04	0.3	334	11.83	
40.0			7.14	0.02	0.4	337	12.28	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					
5.0					
10.0					
20.0					
30.0					
40.0					

C-REF-NO 009
CONS. NO 044
COUNTRY 18
INSTITUTE 22

LAT 43-17-12N
LON 077-00-00W

YEAR 1968
MONTH 07
DAY 04
TIME 2350

NO. DEPTHS 04
SOUNDING 0174
BT SLIDE NO 044

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	1.5	11	14.37	0.01	1.0	327	13.43	0.088
5.0			12.92	0.02	0.8	331	13.19	
10.0			12.76	0.01	0.8	327	12.93	
16.0			12.08	0.00	0.7	330	12.42	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.010	0.044	0.044	0.360	19.7
5.0					
10.0					
16.0					

C-REF-NO 009
CONS. NO 045
COUNTRY 18
INSTITUTE 22

LAT 43-21-42N
LON 077-00-00W

YEAR 1968
MONTH 07
DAY 05
TIME 0025

NO. DEPTHS 01
SOUNDING 0753
BT SLIDE NO 045

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			13.50					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					17.7

C-REF-NO 009
CONS. NO 046
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 077-00-00W

YEAR 1968
MONTH 07
DAY 05
TIME 0118

NO. DEPTHS 10
SOUNDING 1905
BT SLIDE NO 046

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			9.84	0.01	0.8	328	14.23	0.066
5.0			9.73	0.02	0.3	323	14.17	
10.0			5.99	0.02	0.4	327	13.46	
20.0			4.85	0.01	0.2	331	13.36	
30.0			4.44	0.01	0.3	331	13.35	
50.0			4.15	0.03	0.1	328	13.36	
75.0			4.00	0.00	0.5	331	13.36	
100.0			3.90	0.03	0.3	330	13.40	
150.0			3.78	0.02	0.3	333	13.35	
189.0			3.72	0.00	0.3	334	13.12	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.013	0.036	0.050	0.190	16.3
5.0					
10.0					
20.0					
30.0	0.034	0.039	0.212	0.325	
50.0					
75.0					
100.0					
150.0					
189.0	0.039	0.041	0.223	0.525	

C-REF-NO 009
CONS. NO 047
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 077-00-00W

YEAR 1968
MONTH 07
DAY 05
TIME 0212

NO. DEPTHS 01
SOUNDING 2268
BT SLIDE NO 047

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			10.00					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					16.1

C-REF-NO 009
CONS. NO 048
COUNTRY 18
INSTITUTE 22

LAT 43-34-42N
LON 077-00-00W

YEAR 1968
MONTH 07
DAY 05
TIME 0248

NO. DEPTHS 01
SOUNDING 1902
BT SLIDE NO 048

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			11.78	0.00	0.5	323	13.98	0.075

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.013	0.033	0.006	0.135	18.1

C-REF-NO 009
CONS. NO 049
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 077-00-00W

YEAR 1968
MONTH 07
DAY 05
TIME 0344

NO. DEPTHS 09
SOUNDING 1509
BT SLIDE NO 049

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			14.06	0.01	0.4	326	12.84	
5.0			12.18	0.00	0.4	326	13.91	
10.0			10.68	0.01	0.5	326	13.40	
20.0			6.67	0.02	0.2	328	12.76	
30.0			4.94	0.02	0.3	334	13.16	
50.0			4.16	0.04	0.3	333	13.30	
75.0			3.87	0.01	0.8	332	13.32	
100.0			3.83	0.05	0.2	338	12.93	
149.0			3.72	0.02	0.3	335	12.99	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					14.0
5.0					
10.0					
20.0					
30.0					
50.0					
75.0					
100.0					
149.0					

C-REF-NO 009
CONS. NO 050
COUNTRY 18
INSTITUTE 22

LAT 43-43-18N
LON 077-00-00W

YEAR 1968
MONTH 07
DAY 05
TIME 0444

NO. DEPTHS 03
SOUNDING 0945
BT SLIDE NO 050

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			13.60	0.00	0.2	330	12.61	0.070
30.0			6.18	0.00	0.1	333	12.85	
91.0			4.02	0.02	0.4	336	12.78	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.014	0.032	0.006	0.080	10.0
30.0	0.004	0.043	0.134	0.155	
91.0	0.040	0.043	0.214	0.500	

C-REF-NO 009
CONS. NO 051
COUNTRY 18
INSTITUTE 22

LAT 43-47-42N
LON 077-00-00W

YEAR 1968
MONTH 07
DAY 05
TIME 0526

NO. DEPTHS 01
SOUNDING 0613
BT SLIDE NO 051

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0			12.20					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					11.0

C-REF-NO 009
CONS. NO 052
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 077-00-00W

YEAR 1968
MONTH 07
DAY 05
TIME 0612

NO. DEPTHS 04
SOUNDING 0201
BT SLIDE NO 052

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			10.31	0.00	0.2	334	12.00	0.039
5.0			10.32	0.00	0.2	334	12.02	
10.0			8.34	0.01	0.3	334	11.97	
19.0			6.82	0.03	0.4	337	11.53	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.000	0.048	0.132	0.310	9.6
5.0					
10.0					
19.0					

C-REF-NO 009
CONS. NO 053
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 076-42-00W

YEAR 1968
MONTH 07
DAY 05
TIME 0748

NO. DEPTHS 06
SOUNDING 0390
BT SLIDE NO 053

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0			12.78	0.02	0.3	333	11.76	
5.0			12.78	0.01	0.4	330	11.79	
10.0			11.47	0.01	0.3	330	11.97	
20.0			9.19	0.00	0.2	332	11.77	
30.0					0.2	339	10.97	
38.0			5.65	0.00	4.2	341	10.97	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					6.7
5.0					
10.0					
20.0					
30.0					
38.0					

C-REF-NO 009
CONS. NO 054
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 076-42-00W

YEAR 1968
MONTH 07
DAY 05
TIME 0931

NO. DEPTHS 09
SOUNDING 1524
BT SLIDE NO 054

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	3.0	10	13.44	0.02	0.2	332	12.36	
5.0			13.40	0.02	0.3	332	12.51	
10.0			12.91	0.01	0.1	337	12.95	
20.0			6.98	0.00	0.1	337	13.23	
30.0			4.95	0.00	0.1	338	13.29	
50.0			4.13	0.04	0.1	338	13.23	
75.0			3.93	0.00	0.2	338	13.23	
100.0			3.88	0.02	0.2	338	12.99	
146.0			3.80	0.01			12.44	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					8.1
5.0					
10.0					
20.0					
30.0					
50.0					
75.0					
100.0					
146.0					

C-REF-NO 009
CONS. NO 055
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 076-42-00W

YEAR 1968
MONTH 07
DAY 05
TIME 1148

NO. DEPTHS 07
SOUNDING 0597
BT SLIDE NO 055

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	1.5	11	14.01	0.01	0.3	329	13.19	
5.0			13.99	0.02	0.4	330	13.19	
10.0			12.76	0.02	0.3	333	13.02	
20.0			8.50	0.00	1.3	340	12.27	
30.0			7.99	0.01	0.2	360	12.44	
50.0			5.86	0.03	0.3	331	12.68	
57.0			5.54	0.01	0.7	332	12.67	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					11.0
5.0					
10.0					
20.0					
30.0					
50.0					
57.0					

C-REF-NO 009
CONS. NO 056
COUNTRY 18
INSTITUTE 22

LAT 43-34-00N
LON 076-24-00W

YEAR 1968
MONTH 07
DAY 05
TIME 1356

NO. DEPTHS 07
SOUNDING 0597
BT SLIDE NO 056

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.0	9	14.42	0.01	0.4	325	12.70	0.088
5.0			14.34	0.03	0.4	329	12.76	
10.0			13.74	0.03	0.2	329	12.76	
20.0			7.81	0.03	0.3	342	12.84	
30.0			5.40	0.01	0.8	333	12.78	
50.0			5.12	0.03	0.5	333	12.75	
58.0			5.06	0.00	0.8	334	12.81	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.058	0.038	0.006	0.127	10.8
5.0					
10.0					
20.0					
30.0					
50.0					
58.0					

C-REF-NO 009
CONS. NO 057
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 076-24-00W

YEAR 1968
MONTH 07
DAY 05
TIME 1451

NO. DEPTHS 08
SOUNDING 0966
BT SLIDE NO 057

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.5	10	14.19	0.00	0.2	331	12.67	0.068
5.0			13.72	0.01	0.3	329	12.72	
10.0			9.89	0.02	0.3	328	13.06	
20.0			8.30		0.1	335	12.31	
30.0			6.75	0.00	0.5	332	12.76	
50.0			5.02	0.01	0.3	334	13.13	
75.0			4.11	0.00	0.3	335	12.90	
95.0			3.99	0.04	0.4	337	12.75	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.028	0.033	0.004	0.120	9.4
5.0					
10.0					
20.0					
30.0	0.018	0.037	0.120	0.100	
50.0					
75.0					
95.0	0.054	0.041	0.216	0.467	

C-REF-NO 009
CONS. NO 058
COUNTRY 18
INSTITUTE 22

LAT 43-43-12N
LON 076-24-00W

YEAR 1968
MONTH 07
DAY 05
TIME 1533

NO. DEPTHS 01
SOUNDING 0539
BT SLIDE NO 058

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
0.0	2.0	10						

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					8.7

C-REF-NO 009
CONS. NO 059
COUNTRY 18
INSTITUTE 22

LAT 43-47-42N
LON 076-24-00W

YEAR 1968
MONTH 07
DAY 05
TIME 1619

NO. DEPTHS 06
SOUNDING 0452
BT SLIDE NO 059

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.0	11	13.97	0.02	1.2	326	12.92	
5.0			13.76	0.01	0.4	325	12.93	
10.0			9.03	0.00	0.3	333	12.84	
20.0			7.32	0.02	0.1	332	12.42	
30.0			6.51	0.00	0.2	335	11.87	
44.0			6.06		1.2	338	11.62	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0					11.4
5.0					
10.0					
20.0					
30.0					
44.0					

C-REF-NO 009
CONS. NO 060
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 076-24-00W

YEAR 1968
MONTH 07
DAY 05
TIME 1700

NO. DEPTHS 05
SOUNDING 0244
BT SLIDE NO 060

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.5	10	13.73	0.01	0.7	330	12.93	0.070
5.0			13.73	0.02	0.4	328	13.13	
10.0			13.69	0.01	0.4	330	12.92	
20.0			11.78	0.01	0.2	334	10.83	
23.0			10.43	0.03	0.2	336	10.12	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.034	0.037	0.008	0.100	10.8
5.0					
10.0					
20.0					
23.0					

C-REF-NO 009
CONS. NO 061
COUNTRY 18
INSTITUTE 22

LAT 43-56-18N
LON 076-12-00W

YEAR 1968
MONTH 07
DAY 05
TIME 1820

NO. DEPTHS 05
SOUNDING 0219
BT SLIDE NO 061

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	1.5	11	16.99	0.01	0.8	303	10.46	0.150
5.0			16.80	0.02	0.9	299	10.48	
10.0			15.07	0.01	0.5	326	11.22	
20.0			11.58	0.00	0.3	340	8.96	
21.0			9.99	0.02	0.2	348	8.99	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.040	0.040	0.018	0.780	13.4
5.0					
10.0					
20.0					
21.0	0.025	0.033	0.010	0.083	

C-REF-NO 009
CONS. NO 062
COUNTRY 18
INSTITUTE 22

LAT 44-00-42N
LON 076-30-00W

YEAR 1968
MONTH 07
DAY 05
TIME 2010

NO. DEPTHS 05
SOUNDING 0274
BT SLIDE NO 062

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	2.0	11	14.20	0.02	0.5	334	11.76	0.074
5.0			14.09	0.02	0.5	334	11.90	
10.0			13.20	0.03	0.4	337	10.82	
20.0			10.91	0.02	0.4	338	11.08	
25.0			9.31	0.00	0.4	342	10.51	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.026	0.036	0.020	0.083	11.6
5.0					
10.0					
20.0					
25.0					

C-REF-NO 009
CONS. NO 063
COUNTRY 18
INSTITUTE 22

LAT 44-09-18N
LON 076-36-00W

YEAR 1968
MONTH 07
DAY 05
TIME 2126

NO. DEPTHS 04
SOUNDING 0168
BT SLIDE NO 063

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	3.0	10	14.86	0.00	0.2	335	11.28	0.064
5.0			14.85	0.02	0.3	332	11.28	
10.0			13.65	0.01	0.4	331	11.02	
16.0			11.26	0.03	0.3	338	9.86	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.025	0.037	0.050	0.133	9.6
5.0					
10.0					
16.0					

C-REF-NO 009
CONS. NO 064
COUNTRY 18
INSTITUTE 22

LAT 44-00-36N
LON 076-48-00W

YEAR 1968
MONTH 07
DAY 05
TIME 2301

NO. DEPTHS 05
SOUNDING 0317
BT SLIDE NO 064

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
1.0	3.0	10	14.28	0.01	0.4	332	10.97	0.050
5.0			14.30	0.02	0.4	328	10.97	
10.0			12.98	0.01	0.4	333	10.78	
20.0			9.29	0.02	0.6	339	10.78	
30.0			6.48	0.01	0.9	343	9.63	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.025	0.037	0.056	0.257	8.6
5.0					
10.0					
20.0					
30.0	0.033	0.058	0.200	0.826	

C-REF-NO 009
CONS. NO 065
COUNTRY 18
INSTITUTE 22

LAT 43-25-18N
LON 078-30-24W

YEAR 1968
MONTH 07
DAY 06
TIME 0713

NO. DEPTHS 01
SOUNDING 0932
BT SLIDE NO 065

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
10.0			13.96	0.01				

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
10.0					

C-REF-NO 009
CONS. NO 066
COUNTRY 18
INSTITUTE 22

LAT 43-23-12N
LON 078-30-24W

YEAR 1968
MONTH 07
DAY 06
TIME 0742

NO. DEPTHS 01
SOUNDING 0320
BT SLIDE NO 066

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
10.0			15.38	0.02				

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
10.0					

C-REF-NO 009
CONS. NO 067
COUNTRY 18
INSTITUTE 22

LAT 43-20-00N
LON 079-00-00W

YEAR 1968
MONTH 07
DAY 06
TIME 1023

NO. DEPTHS 02
SOUNDING 0500
BT SLIDE NO 067

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
6.0			17.97	0.00				
30.0			5.50	0.01				

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
6.0					
30.0					

C-REF-NO 009
CONS. NO 068
COUNTRY 18
INSTITUTE 22

LAT 43-19-30N
LON 078-59-12W

YEAR 1968
MONTH 07
DAY 06
TIME 1048

NO. DEPTHS 02
SOUNDING 0305
BT SLIDE NO 068

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
6.0			17.87	0.02				
18.0			6.53	0.03				

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
6.0					
18.0					

C-REF-NO 009
CONS. NO 069
COUNTRY 18
INSTITUTE 22

LAT 43-18-30N
LON 078-58-06W

YEAR 1968
MONTH 07
DAY 06
TIME 1106

NO. DEPTHS 01
SOUNDING 0141
BT SLIDE NO 069

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
6.0			17.44	0.02				

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
6.0					

C-REF-NO 009
CONS. NO 070
COUNTRY 18
INSTITUTE 22

LAT 43-18-12N
LON 078-59-36W

YEAR 1968
MONTH 07
DAY 06
TIME 1127

NO. DEPTHS 01
SOUNDING 0128
BT SLIDE NO 070

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
6.0			17.66	0.00				

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
6.0					

C-REF-NO 009
CONS. NO 071
COUNTRY 18
INSTITUTE 22

LAT 43-18-54N
LON 079-01-00W

YEAR 1968
MONTH 07
DAY 06
TIME 1149

NO. DEPTHS 01
SOUNDING 0134
BT SLIDE NO 071

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
6.0			17.98	0.03				

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
6.0					

C-REF-NO 009
CONS. NO 072
COUNTRY 18
INSTITUTE 22

LAT 43-19-24N
LON 079-03-36W

YEAR 1968
MONTH 07
DAY 06
TIME 1211

NO. DEPTHS 01
SOUNDING 0457
BT SLIDE NO 072

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
6.0			18.03	0.02				

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
6.0					

C-REF-NO 009
CONS. NO 073
COUNTRY 18
INSTITUTE 22

LAT 43-17-48N
LON 079-07-48W

YEAR 1968
MONTH 07
DAY 06
TIME 1250

NO. DEPTHS 01
SOUNDING 0146
BT SLIDE NO 073

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	CON 25	O2 W	T PO4
6.0			17.33	0.00				

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
6.0					