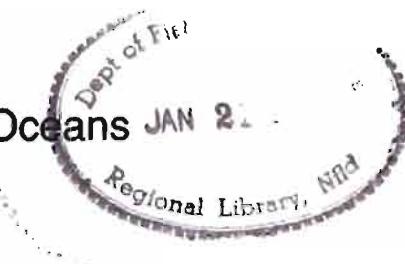


Temperature Profiles for 19 Lakes in the Experimental Lakes Area, Northwestern Ontario, 1984

M.E. Lyng and D.R. Cruikshank

Western Region
Department of Fisheries and Oceans
Winnipeg, Manitoba R3T 2N6



September 1985

**Canadian Data Report of
Fisheries and Aquatic Sciences
No. 534**



Fisheries
and Oceans

Pêches
et Océans

Canada

Canadian Data Report of Fisheries and Aquatic Sciences

Data reports provide a medium for filing and archiving data compilations where little or no analysis is included. Such compilations commonly will have been prepared in support of other journal publications or reports. The subject matter of data reports reflects the broad interests and policies of the Department of Fisheries and Oceans, namely, fisheries and aquatic sciences.

Data reports are not intended for general distribution and the contents must not be referred to in other publications without prior written authorization from the issuing establishment. The correct citation appears above the abstract of each report. Data reports are abstracted in *Aquatic Sciences and Fisheries Abstracts* and indexed in the Department's annual index to scientific and technical publications.

Numbers 1-25 in this series were issued as Fisheries and Marine Service Data Records. Numbers 26-160 were issued as Department of Fisheries and the Environment, Fisheries and Marine Service Data Reports. The current series name was introduced with the publication of report number 161.

Data reports are produced regionally but are numbered nationally. Requests for individual reports will be filled by the issuing establishment listed on the front cover and title page. Out-of-stock reports will be supplied for a fee by commercial agents.

Rapport statistique canadien des sciences halieutiques et aquatiques

Les rapports statistiques servent à classer et à archiver les compilations de données pour lesquelles il y a peu ou point d'analyse. Ces compilations auront d'ordinaire été préparées à l'appui d'autres publications ou rapports. Les sujets des rapports statistiques reflètent la vaste gamme des intérêts et des politiques du ministère des Pêches et des Océans, c'est-à-dire les sciences halieutiques et aquatiques.

Les rapports statistiques ne sont pas destinés à une vaste distribution et leur contenu ne doit pas être mentionné dans une publication sans autorisation écrite préalable de l'établissement auteur. Le titre exact paraît au-dessus du résumé de chaque rapport. Les rapports statistiques sont résumés dans la revue *Résumés des sciences aquatiques et halieutiques*, et ils sont classés dans l'index annuel des publications scientifiques et techniques du Ministère.

Les numéros 1 à 25 de cette série ont été publiés à titre de relevés statistiques, Services des pêches et de la mer. Les numéros 26 à 160 ont été publiés à titre de rapports statistiques du Service des pêches et de la mer, ministère des Pêches et de l'Environnement. Le nom actuel de la série a été établi lors de la parution du numéro 161.

Les rapports statistiques sont produits à l'échelon régional, mais numérotés à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page du titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Canadian Data Report of
Fisheries and Aquatic Sciences 534

September 1985

TEMPERATURE PROFILES FOR 19 LAKES IN THE
EXPERIMENTAL LAKES AREA, NORTHWESTERN ONTARIO, 1984

by

M.E. Lyng and D.R. Cruikshank

Western Region
Department of Fisheries and Oceans
Winnipeg, Manitoba R3T 2N6

This is the 77th Data Report
from the Western Region, Winnipeg

© Minister of Supply and Services Canada 1985

Cat. no. Fs 97-13/534E ISSN 0706-6465

Correct citation for this publication is:

Lyng, M.E., and Cruikshank, D.R. 1985. Temperature profiles for 19 lakes in the Experimental Lakes Area, northwestern Ontario, 1984. Can. Data Rep. Fish. Aquat. Sci. 534: iv + 189 p.

TABLE OF CONTENTS

	<u>Page</u>
ABSTRACT	iv
INTRODUCTION	1
METHODS	1
DISCUSSION	1
ACKNOWLEDGMENTS	1
REFERENCES	1
Table 1. Comparison of lake overturn dates	2
Appendix A. Tabular presentation of temperature profiles.	3
B Graphical presentation of temperature profiles	127
C Planar thermocline summary	182

ABSTRACT

Lyng, M.E., and D.R. Cruikshank. 1985. Temperature profiles for 19 lakes in the Experimental Lakes Area, northwestern Ontario, 1984. Can. Data Rep. Fish. Aquat. Sci. 534: iv + 189 p.

This report presents 240 temperature profiles from 19 lakes in the Experimental Lakes Area in northwestern Ontario. Also included are data on weather descriptions, secchi depths, water colour, planar thermoclines and epilimnion depths.

Key words: temperature profiles; thermocline; experimental lakes.

RESUME

Lyng, M.E., and D.R. Cruikshank. 1985. Temperature profiles for 19 lacs de la Région des Lacs Expérimentaux dans le nord-ouest de l'Ontario. Il comprend aussi des données sur la description du temps, les profondeurs de secchi, la couleur de l'eau, les thermoclines planaires, et la profondeur de l'épilimnion.

Mots-clés: profils de température; la thermocline; lacs expérimentaux.

INTRODUCTION

This report is the second in a series of data reports dealing with lake temperature profiles at the Experimental Lakes Area. Temperature data from 1968-1983 for 29 lakes were presented by Cruikshank (1984a). In this report, 240 temperature profiles for 19 lakes during the 1984 ice-free season are presented in both tabular (Appendix A) and graphical (Appendix B) form. Additional information such as weather descriptions, water colour and secchi depths are presented when available. Surface and epilimnion temperatures, epilimnion depths and planar thermoclines are also summarized (Appendix C).

Most ELA lakes begin to stratify by mid to late May with stable summer thermal regimes appearing by July and disappearing by mid-September (Cruikshank 1984b). The majority of ELA lakes do not completely overturn in spring, others have only fall overturns. Thermal overturn in the fall may occur up to two weeks before chemical overturn (Table 1). The time factor is an artifact of the sampling schedule and not necessarily real. Thermal overturn is defined as the lake being isothermal from the surface to bottom or the temperature difference between successive metre depths not exceeding 1°C. Chemical turnover is defined as the lake having the same oxygen concentration from top to bottom.

METHODS

Temperature profiles of ELA lakes from 1968 to 1983 were taken using Montedoro-Whitney Models TC-5A and TC-5C thermistors. In 1984 most profiles were taken using a Flett Research Mark II Digital Telethermometer. All readings have been corrected using a calibration curve that was calculated using a mercury thermometer (0.05°C accuracy). Profiles were obtained by starting at the lake surface and taking temperature readings at one metre intervals. If the temperature difference between successive metre depths exceeded 1°C, measurements were taken every quarter metre until the difference between metre depths was less than 1°C.

Inflow, outflow and air temperatures were taken with a pocket thermometer (1°C accuracy). Weather descriptions are a subjective parameter and may vary between observers. Secchi depths were measured on the shadow side of the boat during the morning. The secchi disc was lowered until it disappeared and the depth at which it reappeared was recorded. Water colour was a subjective measurement defined as the colour of water against the white background of the secchi disc at 1/2 the recorded secchi depth. Epilimnion depth is defined as that point in the water column where temperature began to decrease at a rate greater than 1°C per metre. Planar thermocline is defined as that point where the change in temperature per metre depth was greatest.

All calculations and printouts were done by a Hewlett Packard Model 87XM computer. Graphs were produced using a Zenith Z100 computer with a HP 7475A plotter.

ACKNOWLEDGMENTS

We would like to thank Stefan Himmer and Geoff Tomlinson who assisted us in the collection of field data for 1984. We would also like to thank Susan Kasian and Chris Krasey for their help in computer programming; and Lillian Wilson who typed this report.

REFERENCES

- CRUIKSHANK, D.R. 1984a. Temperature profiles for 29 lakes in the Experimental Lakes Area, northwestern Ontario, 1968-1983. Can. Data Rep. Fish. Aquat. Sci. 452: iv + 519 p. (bound in two parts).
- CRUIKSHANK, D.R. 1984b. The relationship of summer thermocline depth to several physical characteristics of lakes. Can. Tech. Rep. Fish. Aquat. Sci. 1248: iv + 33 p.

Table 1. Comparison of lake overturn dates. Lakes may have turned over either thermally or chemically prior to above dates. The above dates were scheduled sampling times and either the lakes had turned over by this date or it was the last date the lakes were visited.

Lake	Date thermally overturned	Date chemically overturned
109	Oct 1 (day 275)	Oct 1 (day 275)
110	Oct 23 (day 297)	not by Oct 23 (day 297)
114	Aug 21 (day 223)	Oct 15 (day 289)
222	Sep 24 (day 268)	Sep 24 (day 268)
223	Oct 2 (day 276)	not by Oct 15 (day 289)
224	Oct 30 (day 304)	not by Oct 29 (day 303)
226NE	Oct 30 (day 304)	Oct 30 (day 304)
226SW	Oct 30 (day 304)	Oct 30 (day 304)
227	Oct 24 (day 298)	Oct 24 (day 298)
239	Oct 29 (day 303)	not by Oct 26 (day 300)
240	Sep 26 (day 270)	not by Sep 26 (day 270)
302N	Oct 16 (day 290)	Oct 30 (day 304)
302S	Sep 18 (day 262)	Oct 30 (day 304)
373	not by Oct 22 (day 296)	not by Oct 22 (day 296)
374	not by Oct 22 (day 296)	not by Oct 22 (day 296)
382	not by Sep 6 (day 249)	not by Oct 2 (day 276)
623	not by Oct 23 (day 297)	not by Oct 23 (day 297)
629	not by Oct 22 (day 296)	not by Oct 22 (day 296)

APPENDIX A

All temperatures in degrees Celsius ($^{\circ}\text{C}$)

All depths in metres (m)

Air temperatures are accurate to 1°C and water temperatures to 0.05°C

Lake # 93 7 JUN 84 (Day 158) Time: 15 08 CDT
 Air Temperature: 16.4 (C) Wind: NE 5 - 10 KMPH
 Cloud Cover: 10 /10 Weather Description: RAIN
 Secchi Visibility: 3.6 (M) Water Color: YELLOW
 Inflow Temperature:
 Surface Temperature: 16.3 (C)
 Epilimnion Temperature: 16.3 (C)
 Planar-Thermocline : 3.375 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 2.625 (M)
 Change at Planar-Thermocline: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.30	3.25	14.20	5.00	8.30
1.00	16.30	3.50	12.90	5.25	7.70
2.00	16.30	3.75	12.05	5.50	7.40
2.25	16.20	4.00	11.00	5.75	7.20
2.50	16.20	4.25	9.90	6.00	6.90
2.75	15.70	4.50	9.20	7.00	6.50
3.00	14.70	4.75	8.70	8.00	6.30

Lake # 93 19 JUN 84 (Day 170) Time: 10 06 CDT
 Air Temperature: 19 (C) Wind: NW 15 - 20 KMPH
 Cloud Cover: 9 /10 Weather Description: SUNNY BREAKS
 Secchi Visibility: 4.1 (M) Water Color: YELLOW
 Inflow Temperature:
 Surface Temperature: 19.7 (C)
 Epilimnion Temperature: 19.7 (C)
 Planar-Thermocline : 3.875 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 1.875 (M)
 Change at Planar-Thermocline: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.70	2.75	16.90	4.75	9.60
1.00	19.70	3.00	16.60	5.00	8.90
1.25	19.60	3.25	16.00	5.25	8.40
1.50	19.50	3.50	15.00	5.50	8.00
1.75	19.40	3.75	13.90	5.75	7.80
2.00	18.40	4.00	12.50	6.00	7.50
2.25	17.50	4.25	11.50	7.00	6.80
2.50	17.30	4.50	10.70	8.00	6.50

我說：「我沒有說過，我沒有說過。」

Lake # 93 5 JUL 84 (Day 186) Time: 11 50 CDT
 Air Temperature: 20 (C) Wind: SW 10 - 15 KMPH
 Cloud Cover: 8 /10 Weather Description:
 Secchi Visibility: 4 (M) Water Color: YELLOW-BROWN
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 21.2 (C)
 Epilimnion Temperature: 21.3 (C) Epilimnion Depth (1 C/M): 2.875 (M)
 Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.20	3.75	15.40	5.75	8.60
1.00	21.30	4.00	14.00	6.00	8.10
2.00	21.30	4.25	13.20	6.25	7.60
2.25	21.20	4.50	12.25	6.50	7.40
2.50	21.10	4.75	11.20	6.75	7.10
2.75	21.10	5.00	10.50	7.00	7.10
3.00	20.40	5.25	9.60	8.00	6.80
3.25	18.20	5.50	9.20	8.25	6.50
3.50	16.70				

69
68
67
66
65
64
63
62
61
60
59
58
57
56
55
54
53
52
51
50
49
48
47
46
45
44
43
42
41
40
39
38
37
36
35
34
33
32
31
30
29
28
27
26
25
24
23
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0

Lake # 93 17 JUL 84 (Day 198) Time: 09 50 CDT
 Air Temperature: 24.5 (C) Wind: SW 5 - 10 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 2.6 (M) Water Color: YELLOW-BROWN
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 21.4 (C)
 Epilimnion Temperature: 21.4 (C) Epilimnion Depth (1 C/M): 3.125 (M)
 Planar-Thermocline : 3.875 (M) Change at Planar-Thermocline: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.40	4.00	15.20	5.75	9.30
1.00	21.40	4.25	14.20	6.00	8.50
2.00	21.40	4.50	12.90	6.25	8.20
3.00	21.30	4.75	11.90	6.50	7.60
3.25	19.90	5.00	11.05	6.75	7.50
3.50	18.30	5.25	10.20	7.00	7.40
3.75	16.90	5.50	9.57	8.00	7.20

我說：「我沒有說過，我沒有說過。」

Lake # 93 2 AUG 84 (Day 214) Time: 11:35 CDT
 Air Temperature: 27.8 (C) Wind: E 0 - 5 KMPH
 Cloud Cover: 2 /10 Weather Description:
 Secchi Visibility: 4.4 (M) Water Color: YELLOW-BROWN
 Inflow Temperatures: Outflow Temperature:
 Surface Temperature: 23.3 (C)
 Epilimnion Temperature: 22.8 (C) Epilimnion Depth (1 C/M): 3.125 (M)
 Planar-Thermocline: 4.125 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.30	4.00	17.80	5.75	9.90
1.00	22.80	4.25	16.00	6.00	9.30
2.00	22.70	4.50	14.60	6.25	8.70
3.00	22.30	4.75	13.60	6.50	8.30
3.25	21.70	5.00	12.90	6.75	7.90
3.50	20.90	5.25	11.95	7.00	7.70
3.75	19.30	5.50	11.00	8.00	7.30

在這段時間，我會將我的注意力放在學習上。我會仔細閱讀課本，並做些筆記。我會定期回顧已經學過的內容，以確保我能夠牢固地掌握它們。我還會尋找一些額外的資源，如網上視頻教程或教科書，來補充我的知識。我會盡力保持積極的態度，相信自己能夠成功地完成這段時間的學習。

Lake # 93 14 AUG 84 (Day 226) Time: 10 30 CDT
 Air Temperature: Wind: SE 10 - 15 KMPH
 Cloud Cover: 3 /10 Weather Description:
 Secchi Visibility: 3.4 (M) Water Color: YELLOW
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 23.7 (C)
 Epilimnion Temperature: 23.5 (C) Epilimnion Depth (1 C/M): 3.125 (M)
 Planar-Thermocline: 3.875 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.70	4.50	15.90	6.50	9.80
1.00	23.50	4.75	14.60	6.75	9.40
2.00	23.20	5.00	13.40	7.00	9.10
3.00	22.90	5.25	12.40	7.25	7.90
3.25	22.40	5.50	11.50	7.50	7.70
3.50	21.80	5.75	10.60	7.75	7.40
3.75	20.30	6.00	9.90	8.00	7.30
4.00	18.60	6.25	9.30	8.25	7.10
4.25	17.20				

Lake # 93 30 AUG 84
 Air Temperature: 24.5 (C)
 Cloud Cover: 6 /10
 Secchi Visibility: 4.2 (M)
 Inflow Temperature:
 Surface Temperature: 21.6 (C)
 Epilimnion Temperature: 21.7 (C)
 Planar-Thermocline : 4.625 (M)

(Day 242) Time: 10 14 CDT
 Wind: SW 5 - 10 KMPH
 Weather Description:
 Water Color: YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.375 (M)
 Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.60	4.25	18.80	6.25	9.80
1.00	21.70	4.50	17.60	6.50	9.20
2.00	21.60	4.75	16.10	6.75	8.90
3.00	21.50	5.00	14.70	7.00	8.50
3.25	21.30	5.25	13.60	7.25	8.20
3.50	20.90	5.50	12.40	7.50	7.80
3.75	20.40	5.75	11.60	7.75	7.80
4.00	19.90	6.00	10.80	8.00	7.70

Lake # 93 11 SEP 84
 Air Temperature: 12.9 (C)
 Cloud Cover: 10 /10
 Secchi Visibility: 2.8 (M)
 Inflow Temperature:
 Surface Temperature: 15.8 (C)
 Epilimnion Temperature: 16 (C)
 Planar-Thermocline : 5.125 (M)

(Day 254) Time: 09 25 CDT
 Wind: NE 0 - 5 KMPH
 Weather Description:
 Water Color: YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 5.125 (M)
 Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.80	5.00	16.00	6.25	10.10
1.00	16.00	5.25	14.50	6.50	9.50
2.00	16.10	5.50	13.20	6.75	9.10
3.00	16.10	5.75	12.25	7.00	8.80
4.00	16.10	6.00	11.20	8.00	7.90

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.70	3.00	10.80	6.00	10.80
1.00	10.80	4.00	10.80	7.00	10.80
2.00	10.80	5.00	10.80	8.00	10.70

Lake # 93 9 OCT 84 (Day 282) Time: 10:01 CDT
 Air Temperature: 10 (C) Wind: 0 0 - 0 KMPH
 Cloud Cover: 10 /10 Weather Description: FOG
 Secchi Visibility: 2.4 (M) Water Color: BROWN
 Inflow Temperature:
 Surface Temperature: 10.5 (C)
 Epilimnion Temperature: 10.5 (C) Epilimnion Depth (1 C/M): 2.5 (M)
 Planar-Thermocline: 2.5 (M) Change at Planar-Thermocline: 1.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.50	3.00	9.00	6.00	9.20
1.00	10.50	4.00	9.30	7.00	9.20
2.00	10.10	5.00	9.20	7.50	9.00

Lake # 109 15 MAY 84

Air Temperature: 12 (C)

Cloud Cover: 0 /10

Secchi Visibility:

Inflow Temperature:

Surface Temperature: 10.6 (C)

Epilimnion Temperature: 10.4 (C)

Planar-Thermocline : 4.5 (M)

(Day 135)

Time: 10 10 CDT

Wind: 0 - 5 KMPH

Weather Description:

Water Color:

Outflow Temperature:

Epilimnion Depth (1 C/M): 10 (M)

Change at Planar-Thermo: 0.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.60	4.00	8.70	8.00	6.70
1.00	10.40	5.00	7.80	9.00	6.60
2.00	10.10	6.00	7.20	10.00	6.40
3.00	9.40	7.00	6.90		

Lake # 109 1 JUN 84

Air Temperature: 19 (C)

Cloud Cover: 8 /10

Secchi Visibility: 4.8 (M)

Inflow Temperature:

Surface Temperature: 14.9 (C)

Epilimnion Temperature: 14.5 (C)

Planar-Thermocline : 5.875 (M)

(Day 152)

Time: 10 21 CDT

Wind: W 0 - 5 KMPH

Weather Description:

Water Color: PALE -GREEN

Outflow Temperature:

Epilimnion Depth (1 C/M): 3.5 (M)

Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.90	5.25	12.30	6.50	8.90
1.00	14.50	5.50	11.95	6.75	8.80
2.00	14.40	5.75	11.40	7.00	8.60
3.00	14.30	6.00	10.10	8.00	7.80
4.00	13.30	6.25	9.40	9.00	7.50
5.00	12.60				

Lake # 109 12 JUN 84
 Air Temperature: 16 (C)
 Cloud Cover: 0 /10
 Secchi Visibility: 6.5 (M)
 Inflow Temperature:
 Surface Temperature: 16.1 (C)
 Epilimnion Temperature: 16.1 (C)
 Planar-Thermocline : 5.375 (M)

(Day 163) Time: 10 18 CDT
 Wind: W 15 - 20 KMPH
 Weather Description:
 Water Color: YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 5.375 (M)
 Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.10	5.50	12.70	7.25	9.20
1.00	16.10	5.75	11.95	7.50	8.90
2.00	16.10	6.00	11.20	7.75	8.70
3.00	16.10	6.25	10.80	8.00	8.50
4.00	16.10	6.50	10.30	9.00	8.00
5.00	16.00	6.75	9.90	10.00	7.70
5.25	15.90	7.00	9.60		

Lake # 109 28 JUN 84
 Air Temperature: 17 (C)
 Cloud Cover: 6 /10
 Secchi Visibility: 4.25 (M)
 Inflow Temperature:
 Surface Temperature: 19 (C)
 Epilimnion Temperature: 19 (C)
 Planar-Thermocline : 5.625 (M)

(Day 179) Time: 09 30 CDT
 Wind: NW 20 - 25 KMPH
 Weather Description:
 Water Color: GREEN -YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 4.375 (M)
 Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.00	5.00	17.00	7.00	11.10
1.00	19.00	5.25	16.20	7.25	10.60
2.00	19.00	5.50	15.60	7.50	9.90
3.00	19.00	5.75	14.60	7.75	9.60
4.00	19.00	6.00	14.20	8.00	9.30
4.25	18.90	6.25	13.20	9.00	8.80
4.50	18.40	6.50	12.80	10.00	8.20
4.75	17.80	6.75	12.05		

Lake # 109 10 JUL 84
 Air Temperature: 22 (C)
 Cloud Cover: 3 /10
 Secchi Visibility: 4.7 (M)
 Inflow Temperature:
 Surface Temperature: 21.3 (C)
 Epilimnion Temperature: 21.1 (C)
 Planar-Thermocline : 6.875 (M)

(Day 191) Time: 09 56 CDT
 Wind: S 0 - 5 KMPH
 Weather Description:
 Water Color: PALE -GREEN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 5.125 (M)
 Change at Planar-Thermocline: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.30	6.00	14.80	8.00	11.00
1.00	21.10	6.25	14.20	8.25	10.00
2.00	20.90	6.50	13.70	8.50	10.00
3.00	20.80	6.75	14.20	8.75	9.90
4.00	20.40	7.00	12.60	9.00	9.60
5.00	19.80	7.25	12.25	9.25	9.50
5.25	18.40	7.50	11.85	9.50	9.20
5.50	17.20	7.75	11.50	9.75	9.10
5.75	16.10				

Lake # 109 26 JUL 84
 Air Temperature: 21 (C)
 Cloud Cover: 9 /10
 Secchi Visibility: 4.8 (M)
 Inflow Temperature:
 Surface Temperature: 22.8 (C)
 Epilimnion Temperature: 22.8 (C)
 Planar-Thermocline : 5.875 (M)

(Day 207) Time: 11 48 CDT
 Wind: SW 10 - 15 KMPH
 Weather Description:
 Water Color: PALE -GREEN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 4.625 (M)
 Change at Planar-Thermocline: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.80	5.25	20.90	7.50	12.80
1.00	22.80	5.50	20.20	7.75	12.50
2.00	22.70	5.75	19.50	8.00	12.15
3.00	22.60	6.00	17.50	8.25	11.80
4.00	22.50	6.25	16.40	8.50	11.20
4.25	22.40	6.50	15.20	8.75	10.90
4.50	22.20	6.75	14.40	9.00	10.60
4.75	21.50	7.00	14.10	9.75	9.30
5.00	21.30	7.25	13.30		

Lake # 109 7 AUG 84
 Air Temperature: 26 (C)
 Cloud Cover: 0 /10
 Secchi Visibility: 5 (M)
 Inflow Temperature:
 Surface Temperature: 25 (C)
 Epilimnion Temperature: 24.9 (C)
 Planar-Thermocline : 6.125 (M)

(Day 219) Time: 10 18 CDT

Wind: SW 10 - 15 KMPH

Weather Description:

Water Color: GREEN -YELLOW

Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)

Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.00	5.50	21.00	8.00	12.40
1.00	24.90	5.75	19.90	8.25	12.05
2.00	24.80	6.00	19.10	8.50	11.60
3.00	24.70	6.25	17.50	8.75	11.40
4.00	23.90	6.50	16.80	9.00	10.70
4.25	23.60	6.75	15.90	9.25	10.30
4.50	23.50	7.00	15.10	9.50	10.10
4.75	23.20	7.25	14.60	9.75	9.80
5.00	22.80	7.50	13.70	10.00	9.30
5.25	22.00	7.75	13.10	10.25	9.20

Lake # 109 23 AUG 84
 Air Temperature: 15 (C)
 Cloud Cover: 10 /10
 Secchi Visibility: 4.4 (M)
 Inflow Temperature:
 Surface Temperature: 21.6 (C)
 Epilimnion Temperature: 21.7 (C)
 Planar-Thermocline : 6.625 (M)

(Day 235) Time: 10 00 CDT

Wind: NE 10 - 15 KMPH

Weather Description:

Water Color: GREEN

Outflow Temperature:

Epilimnion Depth (1 C/M): 6.375 (M)

Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.60	6.25	21.20	8.00	13.30
1.00	21.70	6.50	20.20	8.25	13.00
2.00	21.70	6.75	19.10	8.50	12.40
3.00	21.70	7.00	17.00	8.75	12.15
4.00	21.70	7.25	16.20	9.00	11.20
5.00	21.70	7.50	15.20	9.25	10.90
6.00	21.40	7.75	14.30	9.50	10.50

大英博物館の蔵書は、世界で最も豊富な一つです。その中でも、特に注目すべきは、中国の古文書や書籍です。これらの蔵書は、中国の歴史、文化、思想、技術など、多岐にわたる分野で貴重な情報源となっています。

Lake # 109 4 SEP 84 (Day 247) Time: 09 18 CDT
 Air Temperature: 18 (C) Wind: E 0 - 5 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 5.2 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 18.8 (C) Outflow Temperature:
 Epilimnion Temperature: 18.8 (C) Epilimnion Depth (1 C/M): 7.125 (M)
 Planar-Thermocline : 7.375 (M) Change at Planar-Thermocline: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.80	6.00	18.90	8.25	13.60
1.00	19.80	7.00	18.70	8.50	13.00
2.00	18.80	7.25	17.80	8.75	12.35
3.00	18.80	7.50	16.10	9.00	11.70
4.00	18.00	7.75	15.00	9.25	11.00
5.00	18.90	8.00	14.30	9.50	10.80

Lake # 109 20 SEP 84 (Day 263) Time: 16 11 CDT
 Air Temperature: 18.7 (C) Wind: SE 0 - 5 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 3.8 (M) Water Color: PALE -BROWN
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 16.7 (C)
 Epilimnion Temperature: 16.6 (C) Epilimnion Depth (1 C/M): 8.625 (M)
 Planar-Thermocline: 9.375 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.70	6.00	15.70	8.75	14.10
1.00	16.60	7.00	15.40	9.00	13.30
2.00	16.50	8.00	15.20	9.25	12.90
3.00	15.90	8.25	15.00	9.50	11.80
4.00	15.80	8.50	15.00	9.75	11.70
5.00	15.70				

Lake # 109 2 OCT 84
 Air Temperature: 9.8 (C)
 Cloud Cover: 0 /10
 Secchi Visibility: 4 (M)
 Inflow Temperature:
 Surface Temperature: 10.9 (C)
 Epilimnion Temperature: 11 (C)
 Planar-Thermocline : .5 (M)

(Day 275) Time: 09 53 CDT
 Wind: SE 0 - 5 KMPH
 Weather Description:
 Water Color: PALE -GREEN
 Outflow Temperature:
 Epilimnion Depth (1 D/M) : 9.25 (M)
 Change at Planar-Thermo: -.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.90	4.00	11.00	7.00	11.00
1.00	11.00	5.00	11.00	8.00	11.00
2.00	11.00	6.00	11.00	9.25	11.00
3.00	11.00				

我說：「我沒有說過，我沒有說過。」

Lake # 110 15 APR 84 (Day 105) Time: 11:00 CDT
 Air Temperature: 12 (C) Wind: S 0 - 5 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 6.4 (M) Water Color: YELLOW-GREEN
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 11.5 (C)
 Epilimnion Temperature: 11.2 (C) Epilimnion Depth (1 C/M): 2.375 (M)
 Planar-Thermocline : 2.375 (M) Change at Planar-Thermocline: 2.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.50	3.25	9.30	7.00	6.40
1.00	11.20	3.50	9.30	8.00	5.90
2.00	10.90	3.75	9.10	9.00	5.70
2.25	10.80	4.00	9.60	10.00	5.40
2.50	10.20	5.00	7.80	11.00	5.10
2.75	9.80	6.00	6.90	12.00	5.00
3.00	9.40				

the same time, the number of species per genus was reduced from 1.5 to 1.0. The number of genera per family was also reduced from 1.5 to 1.0. The number of families per order was reduced from 1.5 to 1.0. The number of orders per class was reduced from 1.5 to 1.0. The number of classes per phylum was reduced from 1.5 to 1.0. The number of phyla per kingdom was reduced from 1.5 to 1.0. The number of kingdoms per domain was reduced from 1.5 to 1.0.

Lake # 110 1 JUN 84 (Day 152) Time: 09 44 CDT
 Air Temperature: 19 (C) Wind: -
 Cloud Cover: 8 /10 Weather Description:
 Secchi Visibility: 3.7 (M) Water Color: GREEN
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 15.2 (C)
 Epilimnion Temperature: 15.1 (C) Epilimnion Depth (1 C/M): 3.125 (M)
 Planar-Thermocline: 4.375 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.20	4.25	12.70	6.00	7.80
1.00	15.10	4.50	11.40	7.00	6.90
2.00	15.00	4.75	10.70	8.00	6.40
3.00	14.20	5.00	9.90	9.00	5.60
3.25	13.70	5.25	8.90	10.00	5.50
3.50	13.50	5.50	8.60	11.00	5.40
3.75	13.40	5.75	8.10	12.00	5.40
4.00	13.20				

Lake # 110 12 JUN 84
 Air Temperature: 16.3 (C)
 Cloud Cover: 0 /10
 Secchi Visibility: 4.6 (M)
 Inflow Temperature:
 Surface Temperature: 16.5 (C)
 Epilimnion Temperature: 16.5 (C)
 Planar-Thermocline : 4.375 (M)

(Day 163) Time: 09 29 CDT
 Wind: W 15 - 20 KMPH
 Weather Description:
 Water Color: GREEN -YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 4.125 (M)
 Change at Planar-Thermocline: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.50	5.25	10.60	7.50	6.70
1.00	16.50	5.50	10.00	7.75	6.60
2.00	16.40	5.75	9.20	8.00	6.30
3.00	16.30	6.00	8.70	9.00	6.10
4.00	15.60	6.25	8.10	10.00	5.70
4.25	14.50	6.50	7.80	11.00	5.50
4.50	13.30	6.75	7.60	12.00	5.50
4.75	12.25	7.00	7.20	13.00	5.40
5.00	11.70	7.25	6.90		

Lake # 110 10 JUL 84
 Air Temperature: 22 (C)
 Cloud Cover: 1 /10
 Secchi Visibility: 3.9 (M)
 Inflow Temperature:
 Surface Temperature: 21.3 (C)
 Epilimnion Temperature: 21.3 (C)
 Planar-Thermocline : 4.875 (M)

(Day 191) Time: 09 18 CDT
 Wind: S 10 - 15 KMPH
 Weather Description:
 Water Color: YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.125 (M)
 Change at Planar-Thermocline: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.30	4.75	16.00	7.25	8.00
1.00	21.30	5.00	14.30	7.50	7.80
2.00	21.00	5.25	12.70	7.75	7.70
3.00	20.60	5.50	12.25	8.00	7.40
3.25	20.20	5.75	11.50	9.00	6.60
3.50	20.20	6.00	10.50	10.00	6.20
3.75	19.90	6.25	9.80	11.00	5.90
4.00	19.00	6.50	9.30	12.00	5.80
4.25	18.00	6.75	9.10	12.60	5.70
4.50	17.00	7.00	8.80		

Lake # 110 26 JUL 84
 Air Temperature: 21 (C)
 Cloud Cover: 8 /10
 Secchi Visibility: 3.6 (M)
 Inflow Temperature:
 Surface Temperature: 23 (C)
 Epilimnion Temperature: 23 (C)
 Planar-Thermocline : 5.375 (M)

(Day 207) Time: 11 12 CDT
 Wind: S 10 - 15 KMPH
 Weather Description:
 Water Color: YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.125 (M)
 Change at Planar-Thermocline: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.00	4.75	17.90	7.25	8.80
1.00	23.00	5.00	17.00	7.50	8.30
2.00	22.80	5.25	15.70	7.75	8.10
3.00	22.70	5.50	14.10	8.00	7.80
3.25	22.40	5.75	12.90	9.00	7.10
3.50	22.40	6.00	12.15	10.00	6.40
3.75	22.00	6.25	11.40	11.00	6.10
4.00	21.40	6.50	10.60	12.00	6.00
4.25	20.60	6.75	9.80	13.00	5.80
4.50	19.20	7.00	9.20		

Lake # 110 7 AUG 84
 Air Temperature: 25 (C)
 Cloud Cover: 0 /10
 Secchi Visibility: 3.2 (M)
 Inflow Temperature:
 Surface Temperature: 25.1 (C)
 Epilimnion Temperature: 25.1 (C)
 Planar-Thermocline : 4.875 (M)

(Day 219) Time: 09 24 CDT
 Wind: SW 5 - 10 KMPH
 Weather Description:
 Water Color: GREEN -YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.125 (M)
 Change at Planar-Thermocline: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.10	5.00	18.10	7.75	8.60
1.00	25.10	5.25	16.70	8.00	8.10
2.00	25.00	5.50	15.50	8.25	7.80
3.00	24.50	5.75	14.10	8.50	7.60
3.25	24.10	6.00	13.10	8.75	7.40
3.50	23.60	6.25	12.05	9.00	7.10
3.75	23.10	6.50	11.20	10.00	6.30
4.00	22.50	6.75	10.50	11.00	6.00
4.25	21.70	7.00	9.90	12.00	5.90
4.50	20.60	7.25	9.20	13.00	5.90
4.75	19.60	7.50	8.80		

Lake # 110 23 AUG 84 (Day 235) Time: 09 30 CDT
 Air Temperature: 14.5 (C) Wind: NE 10 - 15 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 3.6 (M) Water Color: GREEN
 Inflow Temperature:
 Surface Temperature: 21.4 (C) Outflow Temperature:
 Epilimnion Temperature: 21.4 (C) Epilimnion Depth (1 C/M): 5.125 (M)
 Planar-Thermocline : 5.125 (M) Change at Planar-Thermocline (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.40	6.00	14.30	8.25	8.00
1.00	21.40	6.25	13.10	8.50	7.90
2.00	21.40	6.50	12.20	8.75	7.40
3.00	21.40	6.75	11.50	9.00	7.20
4.00	21.40	7.00	10.80	10.00	6.60
5.00	21.00	7.25	9.90	11.00	6.40
5.25	18.40	7.50	9.30	12.00	6.00
5.50	16.60	7.75	9.00	12.50	5.90
5.75	15.50	8.00	8.60		

Lake # 110 4 SEP 84 (Day 247) Time: 10 22 CDT
 Air Temperature: 13.5 (C) Wind: E 0 - 5 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 5.2 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 17.9 (C) Outflow Temperature:
 Epilimnion Temperature: 17.9 (C) Epilimnion Depth (1 C/M): 5.875 (M)
 Planar-Thermocline : 5.875 (M) Change at Planar-Thermocline 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.90	6.25	14.00	8.50	8.00
1.00	17.90	6.50	12.90	8.75	7.70
2.00	18.00	6.75	11.95	9.00	7.50
3.00	18.00	7.00	11.10	9.25	7.10
4.00	18.00	7.25	10.50	9.50	6.90
5.00	17.90	7.50	9.50	9.75	6.80
5.25	17.80	7.75	9.20	10.00	6.60
5.50	17.60	8.00	8.80	11.00	6.30
5.75	17.40	8.25	8.50	12.00	6.00
6.00	15.70				

在這段時間，我會繼續研究和學習，並嘗試將所學應用到實際問題上。我會定期回顧自己的進步，並根據需要調整學習策略。我還會尋找機會與他人合作，從他們身上學習。最重要的是，我會保持對知識的熱愛和好奇心，永遠不滿足於現狀。

Lake # 110 20 SEP 84 (Day 263) Time: 15 26 CDT
 Air Temperature: 23 (C) Wind: SE 0 - 5 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 4.2 (M) Water Color: PALE -BROWN
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 16.2 (C)
 Epilimnion Temperature: 15.6 (C) Epilimnion Depth (1 C/M): 7.125 (M)
 Planar-Thermocline : 7.625 (M) Change at Planar-Thermocline: 6.200 (D/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.20	7.25	13.00	9.25	7.30
1.00	15.60	7.50	12.25	9.50	7.20
2.00	15.50	7.75	10.70	9.75	7.00
3.00	14.80	8.00	9.80	10.00	6.70
4.00	14.50	8.25	9.30	11.00	6.30
5.00	14.30	8.50	9.90	12.00	6.30
6.00	14.30	8.75	8.50	12.50	6.20
7.00	13.40	9.00	8.00		

卷之三

Lake # 110 2 OCT 84 (Day 275) Time: 10:57 CDT
 Air Temperature: 10 (C) Wind: SE 5 - 10 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 3.2 (M) Water Color: PALE -BROWN
 Inflow Temperature:
 Surface Temperature: 10 (C)
 Epilimnion Temperature: 10 (C) Epilimnion Depth (1 C/M): 9.125 (M)
 Planar-Thermocline : 9.375 (M) Change at Planar-Thermo: 2.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.00	6.00	9.90	9.75	7.60
1.00	10.00	7.00	9.80	10.00	7.10
2.00	10.00	8.00	9.80	11.00	6.50
3.00	9.90	9.00	9.00	12.00	6.40
4.00	9.90	9.25	8.60	12.50	6.30
5.00	9.90	9.50	8.00		

Lake # 110 24 OCT 84
 Air Temperature: 4 (C)
 Cloud Cover: 10 /10
 Secchi Visibility: 2.8 (M)
 Inflow Temperature:
 Surface Temperature: 7.8 (C)
 Epilimnion Temperature: 7.9 (C)
 Planar-Thermocline : 12.25 (M)

(Day 297) Time: 09 47 CDT
 Wind: S 15 - 20 KMPH
 Weather Description:
 Water Color: PALE --BROWN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 12.25 (M)
 Change at Planar-Thermocline: 2.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.80	5.00	8.10	10.00	8.10
1.00	7.90	6.00	8.10	11.00	8.10
2.00	8.00	7.00	8.10	12.00	7.70
3.00	8.00	8.00	8.10	12.50	6.70
4.00	8.10	9.00	8.10		

大英博物館の蔵書は、世界中の文化遺産を網羅する貴重なコレクションです。その中でも、特に注目すべきは、アーチー・ラムゼイ・マーティン博士によって収集された中国古文書です。

Lake #: 114 Date: 1 MAY 84 Day: 121 Time: 08 40 CDT
 Air Temperature: Wind: NW 5 - 10 KMPH
 Cloud Cover: 10 /10 Weather Description: SNOWING
 Secchi Visibility: 3.5 (M) Water Color:
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 6.5 (C)
 Epilimnion Temperature: 6.6 (C) Epilimnion Depth (1 C/M): 4 (M)
 Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.50	2.00	6.60	4.00	6.60
1.00	6.60	3.00	6.60		

在這段時間，我開始對自己的未來感到憂慮。我意識到，如果我不能夠繼續追求我的夢想，那麼我可能會失去很多東西。我開始尋找其他的機會，但都沒有成功。我開始覺得自己是一個失敗者，一個無法實現自己理想的失敗者。

Lake #: 114 Date: 15 MAY 84 (Day 135) Time: 08 45 CDT
 Air Temperature: 10 (C) Wind: NW 0 - 5 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 3.5 (M) Water Color: PALE
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 11.95 (C)
 Epilimnion Temperature: 11.95 (C) Epilimnion Depth (1 C/M): 4.5 (M)
 Planar-Thermocline: 4.5 (M) Change at Planar-Thermo: 1.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.95	2.00	11.85	4.00	11.20
1.00	11.95	3.00	11.50	5.00	9.30

Lake # 114 29 MAY 84
 Air Temperature: 13 (C)
 Cloud Cover: 0 /10
 Secchi Visibility: 3.6 (M)
 Inflow Temperature:
 Surface Temperature: 13.9 (C)
 Epilimnion Temperature: 14 (C)
 Planar-Thermocline : 4.625 (M)

(Day 149) Time: 08 32 CDT
 Wind: SW 5 - 10 KMPH
 Weather Description:
 Water Color: PALE ~GREEN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 4.625 (M)
 Change at Planar-Thermocline: 1.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.90	3.00	13.70	4.50	13.50
1.00	14.00	4.00	13.70	4.75	13.10
2.00	14.00	4.25	13.60	5.00	12.80

Lake # 114 26 JUN 84
 Air Temperature: 17 (C)
 Cloud Cover: 1 /10
 Secchi Visibility: 1.8 (M)
 Inflow Temperature:
 Surface Temperature: 19.9 (C)
 Epilimnion Temperature: 19.8 (C)
 Planar-Thermocline : 4.45 (M)

(Day 177) Time: 08 45 CDT
 Wind: SW 10 - 15 KMPH
 Weather Description:
 Water Color: YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 4.45 (M)
 Change at Planar-Thermocline: 1.111 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.90	2.00	19.80	4.00	19.70
1.00	19.80	3.00	19.80	4.90	18.70

Lake # 114 10 JUL 84
 Air Temperature: 23.6 (C)
 Cloud Cover: 3 /10
 Secchi Visibility:
 Inflow Temperature:
 Surface Temperature: 22.3 (C)
 Epilimnion Temperature: 22.2 (C)
 Planar-Thermocline : 3.625 (M)

(Day 191) Time: 11 11 CDT
 Wind: SE 0 - 5 KMPH
 Weather Description:
 Water Color:
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.125 (M)
 Change at Planar-Thermo: 2.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.30	3.25	21.10	4.25	20.00
1.00	22.20	3.50	21.00	4.50	19.90
2.00	22.10	3.75	20.40	4.75	19.40
3.00	21.50	4.00	20.20		

Lake # 114 24 JUL 84
 Air Temperature: 23.5 (C)
 Cloud Cover: 0 /10
 Secchi Visibility: 1.8 (M)
 Inflow Temperature:
 Surface Temperature: 22.5 (C)
 Epilimnion Temperature: 22.7 (C)
 Planar-Thermocline : 3.625 (M)

(Day 205) Time: 08 53 CDT
 Wind: SW 10 - 15 KMPH
 Weather Description:
 Water Color: PALE -YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.375 (M)
 Change at Planar-Thermo: 2.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.50	3.25	22.90	4.00	21.60
1.00	22.70	3.50	22.60	4.25	21.30
2.00	22.80	3.75	21.90	4.50	20.90
3.00	22.90				

Lake # 114 7 AUG 84 (Day 219) Time: 11:32 CDT
 Air Temperature: 29 (C) Wind: W 5 - 10 KMPH
 Cloud Cover: 2 /10 Weather Description:
 Secchi Visibility: 2 (M) Water Color: YELLOW-GREEN
 Inflow Temperature:
 Surface Temperature: 27.9 (C)
 Epilimnion Temperature: 27.8 (C) Epilimnion Depth (1 C/M): 2.375 (M)
 Planar-Thermocline : 3.125 (M) Change at Planar-Thermocline: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	27.90	2.75	26.30	4.00	23.60
1.00	27.80	3.00	25.70	4.25	23.00
2.00	27.20	3.25	24.80	4.50	22.80
2.25	27.00	3.50	24.20	4.75	22.40
2.50	26.60	3.75	24.00		

Lake # 114 21 AUG 84 (Day 233) Time: 08 36 CDT
 Air Temperature: 19 (C) Wind: SW 15 - 20 KMPH
 Cloud Cover: 8 /10 Weather Description:
 Secchi Visibility: 2.2 (M) Water Color: PALE -YELLOW
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 23.2 (C)
 Epilimnion Temperature: 23.2 (C) Epilimnion Depth (1 C/M): 4.25 (M)
 Planar-Thermocline: 4.25 (M) Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.20	2.00	23.20	4.00	23.20
1.00	23.20	3.00	23.20	4.50	21.60

.....

Lake # 114 4 SEP 84 (Day 247) Time: 08 59 CDT
 Air Temperature: 15 (C) Wind: N 0 - 5 KMPH
 Cloud Cover: 7 /10 Weather Description:
 Secchi Visibility: 2.1 (M) Water Color: PALE
 Inflow Temperature:
 Surface Temperature: 16.6 (C) Outflow Temperature:
 Epilimnion Temperature: 16.5 (C) Epilimnion Depth (1 C/M): 4.5 (M)
 Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.60	2.00	16.40	4.00	16.30
1.00	16.50	3.00	16.40	4.50	16.30

.....

Lake # 114 18 SEP 84 (Day 261) Time: 11 24 CDT
 Air Temperature: 15 (C) Wind: W 0 - 5 KMPH
 Cloud Cover: 1 /10 Weather Description:
 Secchi Visibility: 2.2 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 13.3 (C) Outflow Temperature:
 Epilimnion Temperature: 13.1 (C) Epilimnion Depth (1 C/M): 4.75 (M)
 Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 0.267 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.30	2.00	13.00	4.00	12.90
1.00	13.10	3.00	13.00	4.75	12.70

Lake #: 114 16 OCT 84 (Day 289) Time: 11 29 CDT
 Air Temperature: 14 (C) Wind: N 0 - 5 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 3.2 (M) Water Color: GREEN
 Inflow Temperature:
 Surface Temperature: 13.3 (C) Outflow Temperature:
 Epilimnion Temperature: 13.3 (C) Epilimnion Depth (1 C/M): 4 (M)
 Planar-Thermocline : .5 (M) Change at Planar-Thermocline: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.30	2.00	13.30	4.00	13.30
1.00	13.30	3.00	13.30		

Lake # 222 8 MAY 84 (Day 128) Time: 08 48 CDT
 Air Temperature: 8 (C) Wind: NW 10 - 15 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 2 (M) Water Color: YELLOW-BROWN
 Inflow Temperature:
 Surface Temperature: 10.6 (C) Outflow Temperature:
 Epilimnion Temperature: 10.7 (C) Epilimnion Depth (1 C/M): 1.625 (M)
 Planar-Thermocline : 1.625 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.60	1.75	8.80	2.75	6.80
1.00	10.70	2.00	8.20	3.00	6.70
1.25	10.50	2.25	7.70	4.00	6.40
1.50	10.40	2.50	7.20	5.00	6.10

Lake # 222 22 MAY 84 (Day 142) Time: 10 07 CDT
 Air Temperature: 15 (C) Wind: S 5 - 10 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 1.8 (M) Water Color: ORANGE
 Inflow Temperature:
 Surface Temperature: 13.2 (C) Outflow Temperature:
 Epilimnion Temperature: 13.1 (C) Epilimnion Depth (1 C/M): 2.125 (M)
 Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.20	2.50	11.70	3.50	8.90
1.00	13.10	2.75	11.30	3.75	8.10
2.00	12.50	3.00	10.40	4.00	8.50
2.25	12.15	3.25	9.80	5.00	6.70

Lake # 222 5 JUN 84 (Day 156) Time: 08 50 CDT
 Air Temperature: 16 (C) Wind: --
 Cloud Cover: 8 /10 Weather Description:
 Secchi Visibility: 3.4 (M) Water Color: BROWN
 Inflow Temperature:
 Surface Temperature: 17.9 (C) Outflow Temperature:
 Epilimnion Temperature: 17.9 (C) Epilimnion Depth (1 C/M): 2.375 (M)
 Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.90	2.75	14.60	4.00	8.80
1.00	17.90	3.00	12.50	4.25	8.00
2.00	17.30	3.25	11.10	4.50	7.70
2.25	17.10	3.50	10.60	4.75	7.40
2.50	15.70	3.75	9.80	5.00	7.20

Lake # 222 18 JUN 84 (Day 169) Time: 08 54 CDT
 Air Temperature: 17 (C) Wind: SW 20 - 25 KMPH
 Cloud Cover: 8 /10 Weather Description:
 Secchi Visibility: 2.8 (M) Water Color: ORANGE
 Inflow Temperature:
 Surface Temperature: 19.9 (C) Outflow Temperature:
 Epilimnion Temperature: 19.9 (C) Epilimnion Depth (1 C/M): 1.375 (M)
 Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.90	2.50	16.90	4.00	9.80
1.00	19.90	2.75	16.10	4.25	8.80
1.25	19.90	3.00	15.40	4.50	8.30
1.50	18.60	3.25	13.50	4.75	7.80
1.75	18.20	3.50	12.15	5.00	7.50
2.00	17.90	3.75	10.30	5.50	7.20
2.25	17.20				

Lake # 222 3 JUL 84 (Day 184) Time: 09 27 CDT
 Air Temperature: 22.5 (C) Wind: N 10 - 15 KMPH
 Cloud Cover: 9 /10 Weather Description:
 Secchi Visibility: 1.6 (M) Water Color: PALE -BROWN
 Inflow Temperature: 11 (C) Outflow Temperature:
 Surface Temperature: 22.7 (C) Epilimnion Depth (1 C/M): 1.125 (M)
 Epilimnion Temperature: 22.6 (C) Change at Planar-Thermo: 7.200 (C/M)
 Planar-Thermocline : 3.125 (M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.70	2.25	19.90	3.75	12.80
1.00	22.60	2.50	19.10	4.00	11.40
1.25	22.10	2.75	17.40	4.25	9.90
1.50	21.90	3.00	16.70	4.50	9.30
1.75	21.40	3.25	14.90	4.75	8.80
2.00	20.90	3.50	13.70	5.00	8.10

Lake # 222 17 JUL 84 (Day 198) Time: 08 43 CDT
 Air Temperature: 21.5 (C) Wind: SW 0 - 5 KMPH
 Cloud Cover: 8 /10 Weather Description: SUNNY
 Secchi Visibility: 2.5 (M) Water Color: BROWN
 Inflow Temperature:
 Surface Temperature: 21.5 (C) Outflow Temperature:
 Epilimnion Temperature: 21.5 (C) Epilimnion Depth (1 C/M): 2.125 (M)
 Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.50	3.00	17.70	4.25	11.10
1.00	21.50	3.25	15.80	4.50	10.40
2.00	21.30	3.50	14.10	4.75	9.50
2.25	20.90	3.75	13.00	5.00	9.10
2.50	20.80	4.00	11.85	5.25	8.70
2.75	19.00				

Lake # 222 31 JUL 84 (Day 212) Time: 09 06 CDT
 Air Temperature: 23 (C) Wind: SW 5 - 10 KMPH
 Cloud Cover: 9 /10 Weather Description: SUNNY
 Secchi Visibility: 3.3 (M) Water Color: BROWN
 Inflow Temperature: 6.25 (C) Outflow Temperature:
 Surface Temperature: 23.4 (C)
 Epilimnion Temperature: 23.4 (C) Epilimnion Depth (1 C/M): 2.125 (M)
 Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.40	3.00	19.00	4.25	11.80
1.00	23.40	3.25	17.00	4.50	10.60
2.00	22.90	3.50	15.60	4.75	9.80
2.25	22.60	3.75	14.30	5.00	9.20
2.50	21.60	4.00	12.90	5.25	8.80
2.75	20.40				

Lake # 222 14 AUG 84 (Day 226) Time: 08 56 CDT
 Air Temperature: 22 (C) Wind: E 15 - 20 KMPH
 Cloud Cover: 2 /10 Weather Description:
 Secchi Visibility: 2.6 (M) Water Color: ORANGE
 Inflow Temperature:
 Surface Temperature: 23.5 (C)
 Epilimnion Temperature: 23.5 (C) Epilimnion Depth (1 C/M): 2.125 (M)
 Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 9.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.50	3.00	20.50	4.25	12.90
1.00	23.50	3.25	18.20	4.50	11.70
2.00	23.10	3.50	16.80	4.75	10.90
2.25	22.70	3.75	15.50	5.00	9.90
2.50	22.40	4.00	14.30	5.25	9.50
2.75	21.70				

Lake # 222 28 AUG 84 (Day 240) Time: 09 00 CDT
 Air Temperature: 24.5 (C) Wind: S 0 - 5 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 3.6 (M) Water Color: YELLOW-BROWN
 Inflow Temperature:
 Surface Temperature: 22.6 (C) Outflow Temperature:
 Epilimnion Temperature: 22.5 (C) Epilimnion Depth (1 C/M): 2.125 (M)
 Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.60	3.00	20.30	4.25	13.70
1.00	22.50	3.25	19.50	4.50	12.35
2.00	21.90	3.50	18.50	4.75	11.40
2.25	21.40	3.75	17.20	5.00	10.70
2.50	21.00	4.00	15.70	5.25	10.10
2.75	20.60				

Lake # 222 11 SEP 84 (Day 254) Time: 10 44 CDT
 Air Temperature: 13.5 (C) Wind: NE 0 - 5 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 2.6 (M) Water Color: PALE -BROWN
 Inflow Temperature:
 Surface Temperature: 15.6 (C) Outflow Temperature:
 Epilimnion Temperature: 15.8 (C) Epilimnion Depth (1 C/M): 4.125 (M)
 Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.60	4.00	15.90	4.75	12.60
1.00	15.80	4.25	15.10	5.00	11.40
2.00	15.90	4.50	14.60	5.25	10.70
3.00	15.90				

Lake # 222 25 SEP 84 (Day 268) Timer: 09 18 CDT
 Air Temperature: 7.6 (C) Wind: NW 5 - 10 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 3 (M) Water Color: BROWN -ORANGE
 Inflow Temperature:
 Surface Temperature: 11.95 (C)
 Epilimnion Temperature: 12.3 (C)
 Planar-Thermocline : 5.125 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 5.125 (M)
 Change at Planar-Thermo: 1.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.95	3.00	12.40	5.00	12.30
1.00	12.30	4.00	12.40	5.25	12.05
2.00	12.30				

Lake # 223 1 MAY 84
 Air Temperature: 2 (C)
 Cloud Cover: 10 /10
 Secchi Visibility: 4.75 (M)
 Inflow Temperature:
 Surface Temperature: 6.1 (C)
 Epilimnion Temperature: 6.1 (C)
 Planar-Thermocline : 1.5 (M)

(Day 121) Time: 09 31 CDT
 Wind: N 10 - 15 KMPH
 Weather Description:
 Water Color: GREEN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 14 (M)
 Change at Planar-Thermo: -.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.10	5.00	6.20	10.00	6.20
1.00	6.10	6.00	6.20	11.00	6.20
2.00	6.20	7.00	6.20	12.00	6.20
3.00	6.20	8.00	6.20	13.00	6.20
4.00	6.20	9.00	6.20	14.00	6.10

Lake # 223 15 MAY 84
 Air Temperature: 11.5 (C)
 Cloud Cover: 0 /10
 Secchi Visibility: 5.25 (M)
 Inflow Temperature:
 Surface Temperature: 9.2 (C)
 Epilimnion Temperature: 9.2 (C)
 Planar-Thermocline : 4.5 (M)

(Day 135) Time: 08 41 CDT
 Wind: NW 0 - 5 KMPH
 Weather Description:
 Water Color: PALE -GREEN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 14 (M)
 Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.20	5.00	8.10	10.00	6.70
1.00	9.20	6.00	7.70	11.00	6.50
2.00	9.20	7.00	7.60	12.00	6.40
3.00	9.20	8.00	7.40	13.00	6.30
4.00	8.70	9.00	6.90	14.00	6.30

Lake # 223 29 MAY 84 (Day 149) Time: 09 02 CDT
 Air Temperature: 18 (C) Wind: W 0 - 5 KMPH
 Cloud Cover: 1 /10 Weather Description:
 Secchi Visibility: 8.6 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 12.35 (C)
 Epilimnion Temperature: 12.35 (C)
 Planar-Thermocline : 7.125 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 5.5 (M)
 Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.35	6.25	11.60	8.00	8.20
1.00	12.35	6.50	11.50	9.00	7.80
2.00	12.25	6.75	10.90	10.00	7.60
3.00	12.25	7.00	10.20	11.00	7.40
4.00	12.15	7.25	9.20	12.00	7.10
5.00	12.95	7.50	8.70	13.00	6.90
6.00	11.80	7.75	8.50	14.00	6.90

Lake # 223 12 JUN 84 (Day 163) Time: 09 30 CDT
 Air Temperature: 15 (C) Wind: NE 15 - 20 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 7.2 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 16 (C)
 Epilimnion Temperature: 15.9 (C)
 Planar-Thermocline : 6.125 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 5.5 (M)
 Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.00	6.50	12.80	8.50	9.60
1.00	15.90	6.75	12.15	8.75	9.40
2.00	15.80	7.00	11.60	9.00	9.30
3.00	15.70	7.25	11.20	10.00	8.90
4.00	15.70	7.50	10.90	11.00	8.60
5.00	15.70	7.75	10.60	12.00	8.20
6.00	14.70	8.00	10.40	13.00	7.90
6.25	13.50	8.25	10.00	14.00	7.80

Lake # 223 19 JUN 84 (Day 170) Time: 08 54 CDT
 Air Temperature: 17 (C) Wind: SW 20 - 25 KMPH
 Cloud Cover: 8 /10 Weather Description:
 Secchi Visibility: 2.8 (M) Water Color: ORANGE
 Inflow Temperature:
 Surface Temperature: 19.9 (C) Outflow Temperature:
 Epilimnion Temperature: 19.9 (C) Epilimnion Depth (1 C/M): 1.375 (M)
 Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.90	2.50	16.90	4.00	9.80
1.00	19.90	2.75	16.10	4.25	9.80
1.25	19.90	3.00	15.40	4.50	8.20
1.50	18.60	3.25	13.50	4.75	7.80
1.75	18.20	3.50	12.15	5.00	7.60
2.00	17.90	3.75	10.30	5.50	7.20
2.25	17.20				

Lake # 223 26 JUN 84 (Day 177) Time: 09 03 CDT
 Air Temperature: 19 (C) Wind: SW 15 - 20 KMPH
 Cloud Cover: 4 /10 Weather Description:
 Secchi Visibility: 6.2 (M) Water Color: GREEN -YELLOW
 Inflow Temperature:
 Surface Temperature: 18.7 (C) Outflow Temperature:
 Epilimnion Temperature: 18.7 (C) Epilimnion Depth (1 C/M): 5.125 (M)
 Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.70	6.00	17.10	8.25	11.50
1.00	18.70	6.25	16.20	8.50	11.10
2.00	18.70	6.50	15.00	8.75	10.80
3.00	18.70	6.75	14.30	9.00	10.60
4.00	18.70	7.00	13.50	10.00	10.00
5.00	18.60	7.25	12.90	11.00	9.50
5.25	18.10	7.50	12.50	12.00	9.20
5.50	17.60	7.75	12.35	13.00	9.20
5.75	17.40	8.00	11.95	14.00	9.00

Lake # 223 10 JUL 84 (Day 191) Time: 08 45 CDT
 Air Temperature: 23 (C) Wind: SW 0 - 5 KMPH
 Cloud Cover: 3 /10 Weather Description:
 Secchi Visibility: 7.8 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 20.5 (C)
 Epilimnion Temperature: 20.4 (C)
 Planar-Thermocline : 6.875 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 6.125 (M)
 Change at Planar-Thermocline: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.50	6.50	18.70	8.50	12.60
1.00	20.40	6.75	17.90	9.75	12.40
2.00	20.30	7.00	16.70	9.00	12.25
3.00	20.30	7.25	15.80	10.00	11.20
4.00	20.20	7.50	14.70	11.00	10.70
5.00	20.00	7.75	14.00	12.00	10.10
6.00	19.20	8.00	13.20	13.00	9.40
6.25	18.70	8.25	12.90	14.00	9.30

Lake # 223 24 JUL 84 (Day 205) Time: 09 10 CDT
 Air Temperature: 23.5 (C) Wind: W 10 - 15 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 4.8 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 21.8 (C)
 Epilimnion Temperature: 21.9 (C)
 Planar-Thermocline : 6.875 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 6.125 (M)
 Change at Planar-Thermocline: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.80	7.00	18.60	9.25	12.60
1.00	21.90	7.25	17.70	9.50	12.30
2.00	21.90	7.50	17.00	9.75	12.05
3.00	21.90	7.75	16.10	10.00	11.95
4.00	21.90	8.00	15.40	11.00	11.20
5.00	21.80	8.25	14.70	12.00	10.60
6.00	21.30	8.50	14.10	13.00	10.20
6.25	20.90	8.75	13.50	14.00	10.00
6.50	20.30	9.00	13.10	14.50	9.20
6.75	19.60				

Lake # 223 7 AUG 84
 Air Temperature: 28 (C)
 Cloud Cover: 1 /10
 Secchi Visibility: 6.5 (M)
 Inflow Temperature:
 Surface Temperature: 24.5 (C)
 Epilimnion Temperature: 24.5 (C)
 Planar-Thermocline : 6.625 (M)

(Day 219) Time: 09 11 CDT
 Wind: W 0 - 5 KMPH
 Weather Description:
 Water Color: PALE
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 6.125 (M)
 Change at Planar-Thermocline: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.50	6.75	20.90	9.75	13.00
1.00	24.50	7.00	20.20	10.00	12.70
2.00	24.50	7.25	19.30	10.25	12.35
3.00	24.40	7.50	18.40	10.50	12.25
4.00	24.10	7.75	17.60	10.75	12.15
5.00	23.70	8.00	17.00	11.00	11.80
5.25	23.50	8.25	16.40	11.25	11.00
5.50	23.40	8.50	15.80	11.50	10.80
5.75	23.20	8.75	15.20	11.75	10.70
6.00	23.00	9.00	14.50	12.00	10.60
6.25	22.50	9.25	14.00	13.00	9.90
6.50	21.80	9.50	13.30	14.00	9.50

Lake # 223 21 AUG 84
 Air Temperature: 22.5 (C)
 Cloud Cover: 4 /10
 Secchi Visibility: 6.6 (M)
 Inflow Temperature:
 Surface Temperature: 23 (C)
 Epilimnion Temperature: 23 (C)
 Planar-Thermocline : 7.375 (M)

(Day 233) Time: 08 58 CDT
 Wind: SW 15 - 20 KMPH
 Weather Description:
 Water Color: PALE
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 7.375 (M)
 Change at Planar-Thermocline: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.00	8.00	18.20	10.50	12.60
1.00	23.00	8.25	17.20	10.75	12.25
2.00	23.00	8.50	16.50	11.00	11.70
3.00	23.00	8.75	16.20	11.25	11.20
4.00	23.00	9.00	15.60	11.50	11.00
5.00	23.00	9.25	14.80	11.75	10.70
6.00	22.95	9.50	14.40	12.00	10.50
7.00	22.90	9.75	13.90	13.00	10.10
7.25	22.70	10.00	13.50	14.00	9.80
7.50	21.00	10.25	13.10	14.25	9.40
7.75	19.40				

Lake # 223 18 SEP 84 (Day 261) Time: 09 09 CDT
 Air Temperature: 15 (C) Wind: SE 20 - 25 KMPH
 Cloud Cover: 4 /10 Weather Description:
 Secchi Visibility: 3.3 (M) Water Color: YELLOW
 Inflow Temperature:
 Surface Temperature: 15.5 (C)
 Epilimnion Temperature: 15.6 (C)
 Planar-Thermocline : 11.125 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 10.125 (M)
 Change at Planar-Thermo: 7.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.50	8.00	15.60	11.50	11.60
1.00	15.60	9.00	15.60	11.75	11.10
2.00	15.60	10.00	15.60	12.00	10.60
3.00	15.60	10.25	15.10	12.25	10.30
4.00	15.60	10.50	15.00	12.50	10.00
5.00	15.60	10.75	14.80	12.75	9.90
6.00	15.60	11.00	13.70	13.00	9.90
7.00	15.60	11.25	11.85	14.00	9.60

Lake # 223 2 OCT 84 (Day 275) Time: 09 16 CDT
 Air Temperature: 8 (C) Wind: SE 0 - 5 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 2.4 (M) Water Color: YELLOW-BROWN
 Inflow Temperature:
 Surface Temperature: 11.7 (C)
 Epilimnion Temperature: 11.7 (C)
 Planar-Thermocline : 10.5 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 14 (M)
 Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.70	5.00	11.70	10.00	11.70
1.00	11.70	6.00	11.70	11.00	11.60
2.00	11.70	7.00	11.70	12.00	11.60
3.00	11.70	8.00	11.70	13.00	11.60
4.00	11.70	9.00	11.70	14.00	11.50

Lake # 223 16 OCT 84 (Day 289) Time: 09 16 CDT
 Air Temperature: 13 (C) Wind: NE 0 - 5 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 2.1 (M) Water Color: GREEN -BROWN
 Inflow Temperature:
 Surface Temperature: 13 (C) Outflow Temperature:
 Epilimnion Temperature: 12.6 (C) Epilimnion Depth (1 C/M): 14 (M)
 Planar-Thermocline : .5 (M) Change at Planar-Thermocline: 0.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.00	5.00	12.05	10.00	11.00
1.00	12.60	6.00	11.70	11.00	11.00
2.00	12.60	7.00	11.50	12.00	10.90
3.00	12.60	8.00	11.20	13.00	10.90
4.00	12.30	9.00	11.00	14.00	10.80

Lake # 224 15 MAY 84
 Air Temperature: 14.5 (C)
 Cloud Cover: 0 /10
 Secchi Visibility: 7 (M)
 Inflow Temperature:
 Surface Temperature: 9.3 (C)
 Epilimnion Temperature: 9.3 (C)
 Planar-Thermocline : 7.5 (M)

(Day 135) Time: 10 11 CDT
 Wind: NW 0 - 5 KMPH
 Weather Description:
 Water Color: PALE
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 26 (M)
 Change at Planar-Thermocline: 0.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.30	9.00	5.70	18.00	4.90
1.00	9.30	10.00	5.60	19.00	4.90
2.00	9.10	11.00	5.80	20.00	4.80
3.00	8.80	12.00	5.70	21.00	4.80
4.00	8.20	13.00	5.60	22.00	4.80
5.00	7.80	14.00	5.50	23.00	4.70
6.00	7.50	15.00	5.40	24.00	4.70
7.00	7.00	16.00	5.00	25.00	4.70
8.00	6.20	17.00	5.00	26.00	4.60

Lake # 224 29 MAY 84
 Air Temperature: 18 (C)
 Cloud Cover: 3 /10
 Secchi Visibility: 7.1 (M)
 Inflow Temperature:
 Surface Temperature: 12.7 (C)
 Epilimnion Temperature: 12.25 (C)
 Planar-Thermocline : 7.375 (M)

(Day 149) Time: 10 27 CDT
 Wind: S 0 - 5 KMPH
 Weather Description:
 Water Color: PALE
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 6.5 (M)
 Change at Planar-Thermocline: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.70	7.75	8.80	17.00	5.40
1.00	12.25	8.00	8.60	18.00	5.00
2.00	12.05	9.00	7.70	19.00	4.90
3.00	11.95	10.00	6.70	20.00	4.90
4.00	11.95	11.00	6.00	21.00	4.90
5.00	11.85	12.00	5.80	22.00	4.80
6.00	11.80	13.00	5.60	23.00	4.80
7.00	10.80	14.00	5.70	24.00	4.80
7.25	10.00	15.00	5.60	25.00	4.80
7.50	9.00	16.00	5.40	26.00	4.80

Lake # 224 12 JUN 84 (Day 163) Time: 10 15 CDT
 Air Temperature: 16 (C) Wind: NE 20 - 25 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 6.2 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 15.6 (C)
 Epilimnion Temperature: 15.6 (C)
 Planar-Thermocline : 6.875 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 6.125 (M)
 Change at Planar-Thermo: 3.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.60	7.50	10.80	15.00	5.80
1.00	15.60	7.75	10.50	16.00	5.60
2.00	15.50	8.00	9.90	17.00	5.50
3.00	15.50	8.25	9.30	18.00	5.40
4.00	15.50	8.50	9.00	19.00	5.10
5.00	15.40	8.75	8.60	20.00	5.10
6.00	14.70	9.00	8.40	21.00	5.00
6.25	14.40	10.00	7.90	22.00	5.00
6.50	13.60	11.00	7.10	23.00	5.00
6.75	13.00	12.00	6.50	24.00	5.00
7.00	12.15	13.00	6.20	25.00	5.00
7.25	11.40	14.00	5.90		

Lake # 224 26 JUN 84 (Day 177) Time: 10 44 CDT
 Air Temperature: 20 (C) Wind: SW 20 - 25 KMPH
 Cloud Cover: 9 /10 Weather Description:
 Secchi Visibility: 6.6 (M) Water Color: PALE
 Inflow Temperature:
 Surface Temperature: 18.9 (C) Outflow Temperature:
 Epilimnion Temperature: 18.9 (C) Epilimnion Depth (1 C/M): 5.125 (M)
 Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.90	7.00	14.10	14.00	6.60
1.00	18.90	7.25	13.10	15.00	6.20
2.00	18.90	7.50	12.50	16.00	6.10
3.00	18.80	7.75	11.95	17.00	5.90
4.00	18.80	8.00	11.20	18.00	5.70
5.00	18.00	8.25	10.80	19.00	5.60
5.25	17.60	8.50	10.10	20.00	5.50
5.50	17.30	8.75	9.80	21.00	5.40
5.75	17.00	9.00	9.40	22.00	5.40
6.00	16.40	10.00	8.70	23.00	5.10
6.25	15.80	11.00	7.70	24.00	5.10
6.50	15.20	12.00	7.30	25.00	5.10
6.75	14.70	13.00	6.90		

Lake # 224 10 JUL 84 (Day 191) Time: 09 38 CDT
 Air Temperature: 23.5 (C) Wind: SE 5 - 10 KMPH
 Cloud Cover: 3 /10 Weather Description:
 Secchi Visibility: 9.1 (M) Water Color: PALE
 Inflow Temperature:
 Surface Temperature: 20.5 (C) Outflow Temperature:
 Epilimnion Temperature: 20.4 (C) Epilimnion Depth (1 C/M): 3.5 (M)
 Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.50	7.75	14.10	14.00	6.80
1.00	20.40	8.00	13.00	15.00	6.50
2.00	20.30	8.25	12.50	16.00	6.30
3.00	20.30	8.50	12.15	17.00	6.10
4.00	22.20	8.75	11.70	18.00	5.90
5.00	19.90	9.00	11.00	19.00	5.80
6.00	19.20	9.25	10.50	20.00	5.60
6.25	10.20	9.50	10.00	21.00	5.50
6.50	17.60	9.75	9.60	22.00	5.50
6.75	17.20	10.00	9.40	23.00	5.50
7.00	16.10	11.00	9.90	24.00	5.50
7.25	15.50	12.00	9.20	25.00	5.40
7.50	14.90	13.00	7.30	25.50	5.40

Lake # 224 24 JUL 84 (Day 205) Time: 10 46 CDT
 Air Temperature: 24 (C) Wind: SW 10 - 15 KMPH
 Cloud Cover: 1 /10 Weather Description:
 Secchi Visibility: 9.6 (M) Water Color: PALE
 Inflow Temperature:
 Surface Temperature: 21.9 (C) Outflow Temperature:
 Epilimnion Temperature: 21.9 (C) Epilimnion Depth (1 C/M): 6.375 (M)
 Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.90	8.25	14.30	12.00	8.40
1.00	21.90	8.50	13.40	13.00	7.90
2.00	21.80	8.75	13.00	14.00	7.40
3.00	21.70	9.00	12.60	15.00	7.10
4.00	21.70	9.25	12.25	16.00	6.70
5.00	21.50	9.50	11.80	17.00	6.40
6.00	21.30	9.75	11.10	18.00	6.30
6.25	21.10	10.00	10.80	19.00	6.10
6.50	20.50	10.25	10.40	20.00	6.00
6.75	20.00	10.50	10.00	21.00	5.80
7.00	19.60	10.75	9.40	22.00	5.80
7.25	17.50	11.00	9.20	23.00	5.70
7.50	16.60	11.25	8.90	24.00	5.70
7.75	15.80	11.50	8.70	25.00	5.70
8.00	14.80	11.75	8.60	25.50	5.60

Lake # 224 7 AUG 84 (Day 219) Time: 10 10 CDT
 Air Temperature: 28 (C) Wind: W 0 - 5 KMPH
 Cloud Cover: 1 /10 Weather Description:
 Secchi Visibility: 1 (M) Water Color: PALE
 Inflow Temperature:
 Surface Temperature: 24.5 (C) Outflow Temperature:
 Epilimnion Temperature: 24.4 (C) Epilimnion Depth (1 C/M): 6.125 (M)
 Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.50	8.25	15.90	12.00	9.10
1.00	24.40	8.50	14.90	13.00	8.40
2.00	24.10	8.75	14.30	14.00	7.70
3.00	24.00	9.00	13.90	15.00	7.20
4.00	23.80	9.25	13.20	16.00	6.90
5.00	23.40	9.50	12.90	17.00	6.70
6.00	22.80	9.75	12.60	18.00	6.50
6.25	22.50	10.00	12.35	19.00	6.20
6.50	22.30	10.25	11.80	20.00	6.10
6.75	21.70	10.50	11.20	21.00	5.90
7.00	20.60	10.75	10.80	22.00	5.90
7.25	19.60	11.00	10.50	23.00	5.80
7.50	18.50	11.25	9.90	24.00	5.70
7.75	17.50	11.50	9.40	25.00	5.70
8.00	16.80	11.75	9.20		

Lake # 224 21 AUG 84 (Day 233) Time: 10 07 CDT
 Air Temperature: 20 (C) Wind: S 20 - 25 KMPH
 Cloud Cover: 9 /10 Weather Description:
 Secchi Visibility: 7.5 (M) Water Color: PALE
 Inflow Temperature:
 Surface Temperature: 22.8 (C) Outflow Temperature:
 Epilimnion Temperature: 22.9 (C) Epilimnion Depth (1 C/M): 7.375 (M)
 Planar-Thermocline : 7.875 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.80	8.75	16.30	13.00	9.00
1.00	22.90	9.00	15.50	14.00	8.30
2.00	22.90	9.25	14.80	15.00	7.70
3.00	22.90	9.50	14.00	16.00	7.30
4.00	22.90	9.75	13.70	17.00	6.90
5.00	22.90	10.00	13.30	18.00	6.70
6.00	22.90	10.25	12.60	19.00	6.40
7.00	22.80	10.50	12.50	20.00	6.30
7.25	22.60	10.75	11.80	21.00	6.10
7.50	22.30	11.00	11.20	22.00	6.00
7.75	20.90	11.25	10.80	23.00	6.00
8.00	18.90	11.50	10.60	24.00	5.90
8.25	18.10	11.75	10.10	25.00	5.70
8.50	17.30	12.00	9.80	26.00	5.70

Lake # 224 4 SEP 84 (Day 247) Time: 08 37 CDT
 Air Temperature: 17 (C) Wind: -
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 8.2 (M) Water Color: FALE -GREEN
 Inflow Temperature:
 Surface Temperature: 18.8 (C)
 Epilimnion Temperature: 18.8 (C)
 Planar-Thermocline : 9.125 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 9.125 (M)
 Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.80	9.75	14.70	15.00	7.90
1.00	18.80	10.00	14.00	16.00	7.60
2.00	19.00	10.25	13.30	17.00	7.00
3.00	19.10	10.50	12.90	18.00	6.70
4.00	19.10	10.75	12.30	19.00	6.50
5.00	19.10	11.00	11.95	20.00	6.30
6.00	19.10	11.25	11.60	21.00	6.20
7.00	19.10	11.50	10.90	22.00	6.10
8.00	19.10	11.75	10.70	23.00	6.00
9.00	18.80	12.00	10.40	24.00	5.90
9.25	17.10	13.00	9.40	25.00	5.90
9.50	15.70	14.00	8.80	25.75	5.90

Lake # 224 18 SEP 84 (Day 261) Time: 14 10 CDT
 Air Temperature: 18.2 (C) Wind: S 5 - 10 KMPH
 Cloud Cover: 2 /10 Weather Description:
 Secchi Visibility: 7.2 (M) Water Color: GREEN -BLUE
 Inflow Temperature:
 Surface Temperature: 16 (C)
 Epilimnion Temperature: 15.9 (C)
 Planar-Thermocline : 11.125 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 10.875 (M)
 Change at Planar-Thermo: 6.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.00	10.50	15.00	15.00	8.20
1.00	15.90	10.75	15.10	16.00	7.80
2.00	15.80	11.00	13.90	17.00	7.30
3.00	15.80	11.25	12.35	18.00	6.90
4.00	15.80	11.50	11.80	19.00	6.60
5.00	15.70	11.75	11.50	20.00	6.30
6.00	15.70	12.00	11.00	21.00	6.20
7.00	15.70	12.25	10.80	22.00	6.10
8.00	15.60	12.50	10.20	23.00	6.00
9.00	15.60	12.75	9.40	24.00	5.90
10.00	15.40	13.00	9.20	25.00	5.90
10.25	15.20	14.00	8.80	25.25	5.90

Lake # 224 2 OCT 84 (Day 275) Time: 09 53 CDT
 Air Temperature: 10 (C) Wind: SE 10 - 15 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 7.7 (M) Water Color: PALE
 Inflow Temperature:
 Surface Temperature: 11.5 (C)
 Epilimnion Temperature: 11.7 (C) Epilimnion Depth (1 C/M): 13.125 (M)
 Planar-Thermocline : 13.875 (M) Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.50	11.00	11.60	16.00	7.70
1.00	11.70	12.00	11.60	17.00	7.30
2.00	11.70	13.00	11.40	18.00	6.90
3.00	11.60	13.25	11.10	19.00	6.60
4.00	11.60	13.50	10.90	20.00	6.30
5.00	11.60	13.75	10.40	21.00	6.20
6.00	11.60	14.00	9.60	22.00	6.10
7.00	11.60	14.25	8.80	23.00	6.00
8.00	11.60	14.50	8.50	24.00	6.00
9.00	11.60	14.75	8.30	25.00	5.90
10.00	11.60	15.00	8.20	25.50	5.80

Lake # 224 30 OCT 84 (Day 303) Time: 09 26 CDT
 Air Temperature: 2 (C) Wind: SW 10 - 15 KMPH
 Cloud Cover: 4 /10 Weather Description:
 Secchi Visibility: 6.4 (M) Water Color:
 Inflow Temperature:
 Surface Temperature: 7.4 (C)
 Epilimnion Temperature: 7.6 (C) Epilimnion Depth (1 C/M): 25 (M)
 Planar-Thermocline : 20.5 (M) Change at Planar-Thermo: 0.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.40	9.00	7.80	18.00	7.70
1.00	7.60	10.00	7.80	19.00	7.60
2.00	7.70	11.00	7.80	20.00	7.30
3.00	7.80	12.00	7.80	21.00	6.50
4.00	7.80	13.00	7.80	22.00	6.20
5.00	7.80	14.00	7.80	23.00	6.10
6.00	7.80	15.00	7.80	24.00	6.00
7.00	7.80	16.00	7.70	25.00	6.00
8.00	7.80	17.00	7.70		

Lake # 226 NE 23 MAY 84
 Air Temperature: 15 (C)
 Cloud Cover: 1 /10
 Secchi Visibility: 3.4 (M)
 Inflow Temperature:
 Surface Temperature: 13 (C)
 Epilimnion Temperature: 13 (C)
 Planar-Thermocline : 4.125 (M)

(Day 143) Time: 09 05 CDT
 Wind: SE 10 - 15 KMPH
 Weather Description:
 Water Color: YELLOW-BROWN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.125 (M)
 Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.00	4.25	9.90	7.00	5.90
1.00	13.00	4.50	9.20	8.00	5.70
2.00	12.90	4.75	8.80	9.00	5.00
3.00	12.30	5.00	8.40	10.00	4.80
3.25	12.05	5.25	7.80	11.00	4.70
3.50	11.85	5.50	7.40	12.00	4.60
3.75	11.60	5.75	7.00	13.00	4.60
4.00	10.90	6.00	6.80	14.00	4.60

Lake # 226 NE 7 JUN 84
 Air Temperature: 16 (C)
 Cloud Cover: 10 /10
 Secchi Visibility: 3.4 (M)
 Inflow Temperature:
 Surface Temperature: 16.8 (C)
 Epilimnion Temperature: 16.8 (C)
 Planar-Thermocline : 5.125 (M)

(Day 158) Time: 14 05 CDT
 Wind: NW 10 - 15 KMPH
 Weather Description:
 Water Color: GREEN -YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.625 (M)
 Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.80	4.25	13.10	7.00	6.40
1.00	16.80	4.50	12.00	8.00	5.60
2.00	16.70	4.75	11.30	9.00	5.20
3.00	16.50	5.00	10.50	10.00	4.90
3.25	16.50	5.25	9.90	11.00	4.70
3.50	16.30	5.50	9.50	12.00	4.60
3.75	15.40	5.75	8.10	13.00	4.60
4.00	14.40	6.00	7.50	14.00	4.60

Lake # 226 NE 20 JUN 84 (Day 171) Time: 08 57 CDT
 Air Temperature: 20 (C) Wind: NW 0 - 5 KMPH
 Cloud Cover: 8 /10 Weather Description:
 Secchi Visibility: 4.9 (M) Water Color: GREEN -YELLOW
 Inflow Temperature:
 Surface Temperature: 19.3 (C) Outflow Temperature:
 Epilimnion Temperature: 19.3 (C) Epilimnion Depth (1 C/M): 2.125 (M)
 Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.30	4.25	15.20	7.00	6.90
1.00	19.30	4.50	14.40	7.25	6.40
2.00	19.20	4.75	13.40	7.50	6.20
2.25	18.90	5.00	12.20	7.75	6.00
2.50	18.60	5.25	11.60	8.00	5.80
2.75	18.10	5.50	10.50	9.00	5.40
3.00	17.70	5.75	9.40	10.00	5.00
3.25	17.50	6.00	8.90	11.00	4.70
3.50	17.20	6.25	8.40	12.00	4.70
3.75	16.70	6.50	8.00	13.00	4.70
4.00	16.20	6.75	7.30	14.00	4.70

Lake # 226 NE 5 JUL 84 (Day 186) Time: 15 20 CDT
 Air Temperature: 18 (C) Wind: SW 20 - 25 KMPH
 Cloud Cover: 8 /10 Weather Description:
 Secchi Visibility: 3.1 (M) Water Color: GREEN -YELLOW
 Inflow Temperature: 99 (C) Outflow Temperature:
 Surface Temperature: 21.7 (C) Epilimnion Depth (1 C/M): 3.125 (M)
 Epilimnion Temperature: 21.7 (C) Change at Planar-Thermo: 6.800 (C/M)
 Planar-Thermocline : 5.375 (M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.70	4.75	14.50	7.25	6.70
1.00	21.70	5.00	13.30	7.50	6.50
2.00	21.60	5.25	12.50	7.75	6.30
3.00	21.50	5.50	10.80	8.00	6.10
3.25	20.50	5.75	10.50	9.00	5.60
3.50	20.00	6.00	9.30	10.00	5.30
3.75	19.30	6.25	8.90	11.00	4.90
4.00	18.40	6.50	8.50	12.00	4.80
4.25	16.90	6.75	7.90	13.00	4.80
4.50	15.60	7.00	7.40	14.00	4.70

Lake # 226 NE 18 JUL 84
 Air Temperature: 16.6 (C)
 Cloud Cover: 1 /10
 Secchi Visibility: 4.1 (M)
 Inflow Temperature:
 Surface Temperature: 20.5 (C)
 Epilimnion Temperature: 20.7 (C)
 Planar-Thermocline : 4.125 (M)

(Day 199) Time: 08 33 CDT
 Wind: NE 10 - 15 KMPH
 Weather Description:
 Water Color: YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 4.125 (M)
 Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.50	5.50	12.40	7.75	6.80
1.00	20.70	5.75	11.85	8.00	6.50
2.00	20.70	6.00	10.50	9.00	5.80
3.00	20.70	6.25	9.40	10.00	5.40
4.00	20.70	6.50	8.90	11.00	5.00
4.25	19.70	6.75	8.50	12.00	5.00
4.50	17.40	7.00	7.90	13.00	4.90
4.75	16.30	7.25	7.60	14.00	4.80
5.00	14.90	7.50	7.00	14.50	4.80
5.25	13.70				

Lake # 226 NE 2 AUG 84
 Air Temperature: 22 (C)
 Cloud Cover: 1 /10
 Secchi Visibility: 4.8 (M)
 Inflow Temperature:
 Surface Temperature: 23.1 (C)
 Epilimnion Temperature: 23.1 (C)
 Planar-Thermocline : 5.125 (M)

(Day 214) Time: 10 25 CDT
 Wind: NW 0 - 5 KMPH
 Weather Description:
 Water Color: YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.625 (M)
 Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.10	4.75	17.60	7.25	8.10
1.00	23.10	5.00	16.70	7.50	7.60
2.00	23.00	5.25	14.50	7.75	7.10
3.00	22.80	5.50	14.10	8.00	6.70
3.25	22.60	5.75	12.40	9.00	5.90
3.50	22.60	6.00	11.10	10.00	5.50
3.75	22.00	6.25	10.30	11.00	5.40
4.00	21.20	6.50	9.60	12.00	5.00
4.25	19.90	6.75	9.00	13.00	4.90
4.50	18.90	7.00	8.50	14.00	4.90

Lake # 226 NE 16 AUG 84 (Day 228) Time: 11 04 CDT
 Air Temperature: 22.5 (C) Wind: NE 5 - 10 KMPH
 Cloud Cover: 9 /10 Weather Description:
 Secchi Visibility: 4.5 (M) Water Color: GREEN -YELLOW
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 23.5 (C)
 Epilimnion Temperature: 23.6 (C) Epilimnion Depth (1 C/M): 3.875 (M)
 Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.50	5.25	15.70	8.00	7.00
1.00	23.60	5.50	14.30	8.25	6.80
2.00	23.70	5.75	13.30	8.50	6.40
3.00	23.70	6.00	11.95	8.75	6.20
3.25	23.70	6.25	11.40	9.00	6.00
3.50	23.70	6.50	10.50	10.00	5.60
3.75	23.60	6.75	9.50	11.00	5.10
4.00	22.70	7.00	8.90	12.00	5.00
4.25	21.60	7.25	8.20	13.00	4.90
4.50	20.20	7.50	7.80	14.00	4.90
4.75	18.60	7.75	7.50	14.50	4.90
5.00	17.10				

Lake # 226 NE 30 AUG 84 (Day 242) Time: 09 15 CDT
 Air Temperature: 21 (C) Wind: SE 0 - 5 KMPH
 Cloud Cover: 2 /10 Weather Description:
 Secchi Visibility: 3.6 (M) Water Color: YELLOW
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 22.1 (C)
 Epilimnion Temperature: 22.1 (C) Epilimnion Depth (1 C/M): 4.125 (M)
 Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.10	5.75	14.40	8.25	6.80
1.00	22.10	6.00	13.40	8.50	6.50
2.00	22.10	6.25	12.30	8.75	6.30
3.00	22.10	6.50	11.10	9.00	6.20
4.00	21.30	6.75	10.40	10.00	5.70
4.25	20.90	7.00	9.50	11.00	5.40
4.50	20.60	7.25	8.80	12.00	5.10
4.75	20.10	7.50	8.40	13.00	5.00
5.00	18.90	7.75	7.80	14.00	5.00
5.25	17.20	8.00	7.50	14.50	5.00
5.50	15.70				

Lake # 226 NE 12 SEP 84 (Day 255) Time: 10 16 CDT
 Air Temperature: 14 (C) Wind: SW 0 - 5 KMPH
 Cloud Cover: 8 /10 Weather Description:
 Secchi Visibility: 3.2 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 16.3 (C)
 Epilimnion Temperature: 16.2 (C)
 Planar-Thermocline : 6.625 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 8.125 (M)
 Change at Planar-Thermo: 8.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.30	6.75	11.95	8.75	6.90
1.00	16.20	7.00	10.90	9.00	6.50
2.00	16.20	7.25	10.80	10.00	5.90
3.00	16.10	7.50	9.20	11.00	5.50
4.00	16.10	7.75	8.70	12.00	5.30
5.00	16.10	8.00	8.10	13.00	5.00
6.00	15.90	8.25	7.80	14.00	5.00
6.25	15.60	8.50	7.20	14.50	4.90
6.50	14.10				

Lake # 226 NE 28 SEP 84 (Day 271) Time: 14 05 CDT
 Air Temperature: 5 (C) Wind: S 10 - 15 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 2.6 (M) Water Color: PALE -BROWN
 Inflow Temperature:
 Surface Temperature: 10.2 (C)
 Epilimnion Temperature: 10.4 (C)
 Planar-Thermocline : 8.625 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 8.125 (M)
 Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.20	7.00	10.20	10.00	5.80
1.00	10.40	8.00	9.60	11.00	5.40
2.00	10.40	8.25	9.30	12.00	5.00
3.00	10.40	8.50	9.00	13.00	5.00
4.00	10.40	8.75	7.70	14.00	5.00
5.00	10.40	9.00	6.60	14.50	4.70
6.00	10.40				

Lake # 226 NE 31 OCT 84 (Day 304) Time: 11 38 CDT
 Air Temperature: -2 (C) Wind: SE 15 - 20 KMPH
 Cloud Cover: 2 /10 Weather Description:
 Secchi Visibility: Water Color:
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 5 (C)
 Epilimnion Temperature: 5.1 (C) Epilimnion Depth (1 C/M): 14 (M)
 Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.00	5.00	5.10	10.00	5.00
1.00	5.10	6.00	5.10	11.00	5.00
2.00	5.10	7.00	5.00	12.00	5.00
3.00	5.10	8.00	5.00	13.00	5.00
4.00	5.10	9.00	5.00	14.00	5.00

Lake # 226 S 23 MAY 84 (Day 143) Time: 08 32 CDT
 Air Temperature: 18 (C) Wind: SE 0 - 5 KMPH
 Cloud Cover: 1 /10 Weather Description:
 Secchi Visibility: 3.2 (M) Water Color: YELLOW-BROWN
 Inflow Temperature:
 Surface Temperature: 13.1 (C)
 Epilimnion Temperature: 13 (C)
 Planar-Thermocline : 3.875 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.125 (M)
 Change at Planar-Therma: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.10	4.00	9.50	5.75	6.70
1.00	13.00	4.25	9.80	6.00	6.40
2.00	13.00	4.50	9.50	7.00	6.70
3.00	12.40	4.75	9.10	8.00	5.60
3.25	11.85	5.00	7.90	9.00	5.00
3.50	11.70	5.25	7.40	10.00	4.90
3.75	11.10	5.50	7.00	11.00	4.90

Lake # 226 S 7 JUN 84 (Day 158) Time: 13 40 CDT
 Air Temperature: 16 (C) Wind: NW 15 - 20 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 3.2 (M) Water Color: YELLOW-GREEN
 Inflow Temperature:
 Surface Temperature: 16.8 (C)
 Epilimnion Temperature: 16.8 (C)
 Planar-Thermocline : 3.375 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.375 (M)
 Change at Planar-Therma: 9.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.80	4.00	12.40	5.75	7.80
1.00	16.80	4.25	11.20	6.00	7.40
2.00	16.80	4.50	10.30	7.00	6.40
3.00	16.70	4.75	9.60	8.00	5.80
3.25	16.80	5.00	9.10	9.00	5.40
3.50	14.50	5.25	8.70	10.00	5.30
3.75	13.30	5.50	8.00	11.00	5.00

Lake # 226 S 20 JUN 84 (Day 171) Time: 09 42 CDT
 Air Temperature: 22 (C) Wind: NW 0 - 5 KMPH
 Cloud Cover: 8 /10 Weather Description:
 Secchi Visibility: 4 (M) Water Color: YELLOW-GREEN
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 19.4 (C)
 Epilimnion Temperature: 19.4 (C) Epilimnion Depth (1 C/M): 1.625 (M)
 Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.40	3.50	16.60	6.25	8.00
1.00	19.40	3.75	16.00	6.50	7.60
1.25	19.30	4.00	15.00	6.75	7.30
1.50	19.30	4.25	14.10	7.00	7.00
1.75	18.80	4.50	13.10	7.25	6.50
2.00	18.50	4.75	11.90	7.50	6.20
2.25	18.10	5.00	10.60	7.75	6.10
2.50	17.80	5.25	9.50	8.00	6.00
2.75	17.50	5.50	9.30	9.00	5.50
3.00	17.30	5.75	9.00	10.00	5.10
3.25	17.00	6.00	8.60	11.00	5.10

Lake # 226 S 5 JUL 84 (Day 186) Time: 14 53 CDT
 Air Temperature: 18 (C) Wind: SW 10 - 15 KMPH
 Cloud Cover: 8 /10 Weather Description:
 Secchi Visibility: 3 (M) Water Color: YELLOW-GREEN
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 21.7 (C)
 Epilimnion Temperature: 21.7 (C) Epilimnion Depth (1 C/M): 3.125 (M)
 Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 5.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.70	4.50	13.70	6.50	7.70
1.00	21.70	4.75	13.70	6.75	7.40
2.00	21.50	4.75	12.60	7.00	6.90
3.00	20.70	5.00	11.60	8.00	6.20
3.25	19.70	5.25	10.50	9.00	5.60
3.50	19.20	5.50	9.60	10.00	5.40
3.75	17.90	5.75	9.10	11.00	5.30
4.00	16.70	6.00	8.60	11.50	5.30
4.25	15.20	6.25	7.80		

Lake # 226 S 18 JUL 84 (Day 199) Time: 09 10 CDT
 Air Temperature: 19 (C) Wind: NE 20 - 25 KMPH
 Cloud Cover: 2 /10 Weather Description:
 Secchi Visibility: 3.2 (M) Water Color: YELLOW-BROWN
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 20.8 (C)
 Epilimnion Temperature: 20.8 (C) Epilimnion Depth (1 C/M): 3.875 (M)
 Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.80	4.50	15.60	6.50	8.10
1.00	20.80	4.75	14.50	6.75	7.80
2.00	20.80	5.00	13.60	7.00	7.50
3.00	20.80	5.25	11.95	8.00	6.50
3.25	20.70	5.50	10.80	9.00	5.90
3.50	20.70	5.75	10.00	10.00	5.60
3.75	20.70	6.00	9.10	11.00	5.50
4.00	18.80	6.25	8.60	11.50	5.10
4.25	16.70				

Lake # 226 S 2 AUG 84 (Day 214) Time: 10 00 CDT
 Air Temperature: 21 (C) Wind: NW 0 - 5 KMPH
 Cloud Cover: 1 /10 Weather Description:
 Secchi Visibility: 4 (M) Water Color: YELLOW
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 23.4 (C)
 Epilimnion Temperature: 23.4 (C) Epilimnion Depth (1 C/M): 3.125 (M)
 Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.40	4.50	17.60	6.50	8.80
1.00	23.40	4.75	16.50	6.75	8.40
2.00	23.30	5.00	14.40	7.00	7.80
3.00	22.80	5.25	13.30	8.00	6.90
3.25	22.30	5.50	12.30	9.00	6.20
3.50	22.20	5.75	11.20	10.00	5.80
3.75	21.50	6.00	10.50	11.00	5.70
4.00	20.00	6.25	9.50	11.25	5.60
4.25	19.00				

Lake # 226 S 16 AUG 84 (Day 228) Time: 10 29 CDT
 Air Temperature: 22.5 (C) Wind: NE 5 - 10 KMPH
 Cloud Cover: 9 /10 Weather Description:
 Secchi Visibility: 4.8 (M) Water Color: GREEN -YELLOW
 Inflow Temperature:
 Surface Temperature: 23.2 (C) Outflow Temperature:
 Epilimnion Temperature: 23.4 (C) Epilimnion Depth (1 C/M): 3.875 (M)
 Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.20	5.00	15.40	7.75	7.60
1.00	23.40	5.25	14.20	8.00	7.20
2.00	23.50	5.50	13.10	8.25	6.80
3.00	23.50	5.75	12.15	8.50	6.50
3.25	23.50	6.00	11.20	8.75	6.30
3.50	23.50	6.25	10.30	9.00	6.10
3.75	23.40	6.50	9.60	10.00	5.70
4.00	22.50	6.75	9.20	11.00	5.60
4.25	20.30	7.00	8.80	11.25	5.60
4.50	18.20	7.25	8.20	11.50	5.50
4.75	16.80	7.50	7.80		

Lake # 226 S 30 AUG 84 (Day 242) Time: 08 58 CDT
 Air Temperature: 19 (C) Wind: SE 0 - 5 KMPH
 Cloud Cover: 2 /10 Weather Description:
 Secchi Visibility: 4.2 (M) Water Color: YELLOW
 Inflow Temperature:
 Surface Temperature: 21.9 (C) Outflow Temperature:
 Epilimnion Temperature: 21.9 (C) Epilimnion Depth (1 C/M): 4.125 (M)
 Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.90	5.50	14.20	7.75	8.40
1.00	21.90	5.75	13.30	8.00	7.90
2.00	21.90	6.00	12.25	8.25	7.60
3.00	21.90	6.25	11.50	8.50	7.20
4.00	21.40	6.50	10.70	8.75	6.80
4.25	20.90	6.75	10.20	9.00	6.20
4.50	20.30	7.00	9.50	10.00	6.00
4.75	19.10	7.25	9.00	11.00	5.80
5.00	17.40	7.50	8.80	11.25	5.90
5.25	15.70				

Lake # 226 S 12 SEP 84
 Air Temperature: 14 (C)
 Cloud Cover: 8 /10
 Secchi Visibility: 4.8 (M)
 Inflow Temperature:
 Surface Temperature: 15.8 (C)
 Epilimnion Temperature: 16 (C)
 Planar-Thermocline : 5.875 (M)

(Day 255) Time: 09 11 CDT
 Wind: SW 0 - 5 KMPH
 Weather Description:
 Water Color: PALE -GREEN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 5.375 (M)
 Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.80	5.75	13.90	7.50	8.60
1.00	16.00	6.00	12.40	7.75	7.90
2.00	16.00	6.25	12.40	8.00	7.60
3.00	16.00	6.50	11.50	9.00	6.60
4.00	16.00	6.75	10.50	10.00	6.00
5.00	16.00	7.00	9.40	11.00	5.90
5.25	15.90	7.25	8.90	11.50	5.70
5.50	15.20				

Lake # 226 S 31 OCT 84
 Air Temperature: -2 (C)
 Cloud Cover: 1 /10
 Secchi Visibility:
 Inflow Temperature:
 Surface Temperature: 5.1 (C)
 Epilimnion Temperature: 5.1 (C)
 Planar-Thermocline : 1.5 (M)

(Day 304) Time: 11 17 CDT
 Wind: SE 10 - 15 KMPH
 Weather Description:
 Water Color:
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 11.5 (M)
 Change at Planar-Thermo: -.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.10	5.00	5.50	9.00	5.60
1.00	5.10	6.00	5.60	10.00	5.50
2.00	5.40	7.00	5.60	11.00	5.50
3.00	5.40	8.00	5.60	11.50	5.60
4.00	5.50				

Lake # 227 9 MAY 84 (Day 129) Time: 09 01 CDT
 Air Temperature: 2 (C) Wind: NW 20 - 25 KMPH
 Cloud Cover: 10 /10 Weather Description: SNOWING
 Secchi Visibility: 1.4 (M) Water Color: YELLOW-BROWN
 Inflow Temperature:
 Surface Temperature: 8.2 (C) Outflow Temperature:
 Epilimnion Temperature: 8.2 (C) Epilimnion Depth (1 C/M): 2.125 (M)
 Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: 2.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.20	2.75	6.50	7.00	4.20
1.00	8.20	3.00	6.20	8.00	4.20
2.00	7.60	4.00	5.80	9.00	4.20
2.25	7.20	5.00	4.90	10.00	4.20
2.50	6.70	6.00	4.40		

Lake # 227 23 MAY 84 (Day 143) Time: 08 50 CDT
 Air Temperature: 17 (C) Wind: W 5 - 10 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 1.2 (M) Water Color: TURBID-YELLOW
 Inflow Temperature:
 Surface Temperature: 13.9 (C) Outflow Temperature:
 Epilimnion Temperature: 13.7 (C) Epilimnion Depth (1 C/M): 2.125 (M)
 Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.90	3.25	7.60	5.00	5.00
1.00	13.70	3.50	7.30	6.00	4.50
2.00	12.90	3.75	7.00	7.00	4.40
2.25	12.50	4.00	6.60	8.00	4.30
2.50	11.00	4.25	6.00	9.00	4.30
2.75	9.40	4.50	5.60	10.00	4.30
3.00	8.60	4.75	5.50		

Lake # 227 6 JUN 84 (Day 157) Time: 09 31 CDT
 Air Temperature: 13 (C) Wind: 0 0 - 0 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 1.8 (M) Water Color: YELLOW-BROWN
 Inflow Temperature:
 Surface Temperature: 17.4 (C)
 Epilimnion Temperature: 17.4 (C)
 Planar-Thermocline : 2.375 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 2.125 (M)
 Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.40	3.25	9.80	5.00	5.50
1.00	17.40	3.50	9.10	6.00	4.70
2.00	17.30	3.75	8.00	7.00	4.50
2.25	16.10	4.00	7.30	8.00	4.40
2.50	14.30	4.25	6.60	9.00	4.30
2.75	13.00	4.50	6.20	10.00	4.30
3.00	11.40	4.75	5.80		

Lake # 227 4 JUL 84 (Day 185) Time: 09 13 CDT
 Air Temperature: 32 (C) Wind: NE 5 - 10 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 1.6 (M) Water Color: YELLOW-BROWN
 Inflow Temperature:
 Surface Temperature: 22.1 (C)
 Epilimnion Temperature: 22.1 (C)
 Planar-Thermocline : 3.125 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 2.125 (M)
 Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.10	3.50	12.30	5.50	5.60
1.00	22.10	3.75	11.40	5.75	5.40
2.00	21.60	4.00	10.10	6.00	5.00
2.25	20.30	4.25	9.70	7.00	4.60
2.50	19.30	4.50	7.90	8.00	4.40
2.75	18.00	4.75	7.20	9.00	4.30
3.00	16.30	5.00	6.40	10.00	4.30
3.25	14.30	5.25	5.80		

Lake # 227 18 JUL 84 (Day 199) Time: 09 26 CDT
 Air Temperature: 18 (C) Wind: N 20 - 25 KMPH
 Cloud Cover: 3 /10 Weather Description:
 Secchi Visibility: 1 (M) Water Color: BROWN
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 20.8 (C)
 Epilimnion Temperature: 20.9 (C) Epilimnion Depth (1 C/M): 2.625 (M)
 Planar-Thermocline : 3.875 (M) Change at Planar-Thermocline: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.80	3.50	14.10	5.50	5.90
1.00	20.90	3.75	12.80	5.75	5.60
2.00	20.80	4.00	11.00	6.00	5.20
2.25	20.80	4.25	9.70	7.00	4.70
2.50	20.80	4.50	8.60	8.00	4.50
2.75	19.10	4.75	7.70	9.00	4.40
3.00	17.40	5.00	6.90	10.00	4.40
3.25	15.70	5.25	6.40		

Lake # 227 1 AUG 84 (Day 213) Time: 09 30 CDT
 Air Temperature: 21.5 (C) Wind: NE 0 - 5 KMPH
 Cloud Cover: 10 /10 Weather Description: OVERCAST
 Secchi Visibility: 1.2 (M) Water Color: YELLOW
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 23.1 (C)
 Epilimnion Temperature: 23.1 (C) Epilimnion Depth (1 C/M): 2.125 (M)
 Planar-Thermocline : 2.875 (M) Change at Planar-Thermocline: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.10	3.50	14.90	5.50	6.50
1.00	23.10	3.75	13.70	5.75	6.20
2.00	23.00	4.00	11.95	6.00	5.90
2.25	22.50	4.25	10.00	7.00	5.10
2.50	21.60	4.50	9.20	8.00	4.80
2.75	20.50	4.75	8.80	9.00	4.70
3.00	18.50	5.00	7.80	10.00	4.60
3.25	16.70	5.25	7.00		

Lake # 227 15 AUG 84 (Day 227) Time: 09 30 CDT
 Air Temperature: 27 (C) Wind: S 10 - 15 KMPH
 Cloud Cover: 7 /10 Weather Description:
 Secchi Visibility: .6 (M) Water Color: BROWN
 Inflow Temperature:
 Surface Temperature: 24.3 (C) Outflow Temperature:
 Epilimnion Temperature: 24.2 (C) Epilimnion Depth (1 C/M): 1.625 (M)
 Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 9.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.30	3.00	18.10	5.25	6.90
1.00	24.20	3.25	16.80	5.50	6.30
1.25	24.10	3.50	14.80	5.75	6.00
1.50	24.00	3.75	13.60	6.00	5.70
1.75	23.30	4.00	12.25	7.00	4.90
2.00	23.20	4.25	11.00	8.00	4.70
2.25	22.70	4.50	9.60	9.00	4.50
2.50	21.90	4.75	8.60	10.00	4.50
2.75	20.40	5.00	7.80		

Lake # 227 29 AUG 84 (Day 241) Time: 08 50 CDT
 Air Temperature: 27 (C) Wind: SE 0 - 5 KMPH
 Cloud Cover: 4 /10 Weather Description:
 Secchi Visibility: .6 (M) Water Color: YELLOW-BROWN
 Inflow Temperature:
 Surface Temperature: 23.1 (C) Outflow Temperature:
 Epilimnion Temperature: 23 (C) Epilimnion Depth (1 C/M): 1.375 (M)
 Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.10	3.00	18.10	5.25	7.80
1.00	23.00	3.25	17.10	5.50	7.20
1.25	22.90	3.50	15.60	5.75	6.70
1.50	22.10	3.75	14.30	6.00	6.30
1.75	21.40	4.00	13.10	7.00	5.60
2.00	20.80	4.25	11.40	8.00	5.00
2.25	20.40	4.50	10.50	9.00	4.70
2.50	19.90	4.75	9.50	10.00	4.50
2.75	19.50	5.00	8.60		

Lake # 227 12 SEP 84 (Day 255) Time: 09 22 CDT
 Air Temperature: 13 (C) Wind: W 0 - 5 KMPH
 Cloud Cover: 4 /10 Weather Description:
 Secchi Visibility: .6 (M) Water Color: TURBID-YELLOW
 Inflow Temperature:
 Surface Temperature: 14.8 (C)
 Epilimnion Temperature: 14.8 (C)
 Planar-Thermocline : 4.125 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.625 (M)
 Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.80	4.25	11.40	6.25	6.10
1.00	14.80	4.50	10.20	6.50	5.70
2.00	14.80	4.75	9.30	6.75	5.40
3.00	14.70	5.00	8.70	7.00	5.20
3.25	14.60	5.25	7.80	8.00	4.80
3.50	14.40	5.50	7.20	9.00	4.60
3.75	14.10	5.75	6.70	10.00	4.60
4.00	13.40	6.00	6.40		

Lake # 227 26 SEP 84 (Day 269) Time: 09 37 CDT
 Air Temperature: 5 (C) Wind: NW 5 - 10 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: .6 (M) Water Color: YELLOW
 Inflow Temperature:
 Surface Temperature: 9.8 (C)
 Epilimnion Temperature: 10 (C)
 Planar-Thermocline : 5.375 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 5.125 (M)
 Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.80	5.25	8.90	6.75	5.80
1.00	10.00	5.50	7.80	7.00	5.60
2.00	10.10	5.75	7.00	8.00	5.00
3.00	10.20	6.00	6.70	9.00	4.70
4.00	10.20	6.25	6.30	10.00	4.70
5.00	9.40	6.50	6.10		

Lake # 227 10 OCT 84 (Day 283) Time: 09 00 CDT
 Air Temperature: 13 (C) Wind: 0 0 - 0 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: .6 (M) Water Color: GREEN
 Inflow Temperature:
 Surface Temperature: 10.8 (C) Outflow Temperature:
 Epilimnion Temperature: 10.7 (C) Epilimnion Depth (1 C/M): 1.5 (M)
 Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 2.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.80	5.25	8.10	6.75	6.10
1.00	10.70	5.50	8.00	7.00	5.90
2.00	9.40	5.75	7.70	8.00	5.00
3.00	8.90	6.00	7.30	9.00	4.80
4.00	8.70	6.25	6.70	10.00	4.70
5.00	8.50	6.50	6.40		

Lake # 227 25 OCT 84 (Day 298) Time: 08 45 CDT
 Air Temperature:
 Cloud Cover: 10 /10 Wind: 0 0 - 0 KMPH
 Secchi Visibility:
 Inflow Temperature:
 Surface Temperature: 6.6 (C) Weather Description:
 Epilimnion Temperature: 6.5 (C) Water Color:
 Planar-Thermocline : 8.5 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 8.5 (M)
 Change at Planar-Thermo: 1.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.60	4.00	6.50	8.00	6.30
1.00	6.50	5.00	6.50	9.00	5.10
2.00	6.50	6.00	6.50	10.00	4.80
3.00	6.50	7.00	6.50		

Lake # 239 9 MAY 84 (Day 129) Time: 08 25 CDT
 Air Temperature: 2.5 (C) Wind: NW 15 - 20 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 4.9 (M) Water Color: PALE -YELLOW
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 5.6 (C)
 Epilimnion Temperature: 5.6 (C) Epilimnion Depth (1 C/M): 31 (M)
 Planar-Thermocline : 14.5 (M) Change at Planar-Thermo: 0.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.60	12.00	5.60	22.00	4.60
1.00	5.60	13.00	5.60	23.00	4.60
2.00	5.60	14.00	5.60	24.00	4.60
3.00	5.60	14.00	4.90	25.00	4.60
4.00	5.60	15.00	4.70	26.00	4.60
5.00	5.60	15.00	4.60	27.00	4.60
6.00	5.60	17.00	4.60	28.00	4.50
7.00	5.60	18.00	4.60	29.00	4.50
8.00	5.60	19.00	4.60	30.00	4.50
9.00	5.60	20.00	4.60	31.00	4.50
11.00	5.60	21.00	4.60		

Lake # 239 23 MAY 84 (Day 143) Time: 09 32 CDT
 Air Temperature: 14 (C) Wind: NW 5 - 10 KMPH
 Cloud Cover: 1 /10 Weather Description:
 Secchi Visibility: Water Color:
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 11.4 (C)
 Epilimnion Temperature: 11.3 (C) Epilimnion Depth (1 C/M): 6.125 (M)
 Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 3.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.40	7.75	7.40	19.00	5.15
1.00	11.30	8.00	7.00	20.00	5.10
2.00	11.25	9.00	6.20	21.00	5.05
3.00	11.10	10.00	6.00	22.00	4.95
4.00	11.00	11.00	5.95	23.00	5.01
5.00	10.90	12.00	5.90	24.00	5.01
6.00	10.65	13.00	5.80	25.00	4.98
6.25	9.91	14.00	5.70	26.00	4.98
6.50	9.30	15.00	5.65	27.00	4.98
6.75	8.90	16.00	5.60	28.00	4.93
7.00	8.60	17.00	5.55	29.00	4.93
7.25	7.75	18.00	5.30	30.00	4.93
7.50	7.55				

Lake # 239 6 JUN 84 (Day 157) Time: 08 27 CDT
 Air Temperature: Wind: SE 0 - 5 KMPH
 Cloud Cover: 10 /10 Weather Description: RAIN
 Secchi Visibility: 3.4 (M) Water Color: YELLOW-BROWN
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 16.1 (C) Epilimnion Depth (1 C/M): 4.125 (M)
 Epilimnion Temperature: 16.1 (C) Change at Planar-Thermocline: 4.000 (C/M)
 Planar-Thermocline : 7.125 (M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.10	6.75	10.70	18.00	5.50
1.00	16.10	7.00	10.40	19.00	5.40
2.00	16.10	7.25	9.40	20.00	5.10
3.00	16.10	7.50	8.90	21.00	5.10
4.00	16.00	7.75	8.50	22.00	5.00
4.25	15.50	8.00	7.80	23.00	4.90
4.50	14.70	9.00	6.90	24.00	4.90
4.75	14.20	10.00	6.30	25.00	4.90
5.00	13.50	11.00	6.20	26.00	4.80
5.25	13.00	12.00	6.10	27.00	4.80
5.50	12.40	13.00	6.00	28.00	4.90
5.75	11.95	14.00	5.90	29.00	4.80
6.00	11.70	15.00	5.80	30.00	4.80
6.25	11.30	16.00	5.70	31.00	4.80
6.50	11.10	17.00	5.60		

Lake # 239 20 JUN 84
 Air Temperature: 21.5 (C)
 Cloud Cover: 3 /10
 Secchi Visibility: 4.9 (M)
 Inflow Temperature:
 Surface Temperature: 19.5 (C)
 Epilimnion Temperature: 19.1 (C)
 Planar-Thermocline : 4.125 (M)

(Day 171) Time: 11 24 CDT
 Wind: SW 0 - 5 KMPH
 Weather Description:
 Water Color: YELLOW-BROWN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 4.125 (M)
 Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.50	7.50	9.20	18.00	5.40
1.00	19.10	7.75	8.90	19.00	5.40
2.00	18.70	8.00	8.50	20.00	5.10
3.00	18.60	8.25	7.90	21.00	5.00
4.00	18.40	8.50	7.70	22.00	4.90
4.25	17.30	8.75	7.50	23.00	4.90
4.50	16.80	9.00	7.20	24.00	4.80
4.75	16.50	10.00	6.70	25.00	4.80
5.00	16.10	11.00	6.40	26.00	4.80
5.25	15.90	12.00	6.20	27.00	4.80
5.50	15.40	13.00	6.00	28.00	4.70
5.75	14.50	14.00	5.90	29.00	4.70
6.00	13.50	15.00	5.70	30.00	4.70
7.00	10.70	16.00	5.60	31.00	4.70
7.25	10.10	17.00	5.50		

Lake # 239 4 JUL 84 (Day 185) Time: 08 53 CDT
 Air Temperature: 19 (C) Wind: W 10 - 15 KMPH
 Cloud Cover: 0 /10 Weather Description: SUNNY
 Secchi Visibility: 4.4 (M) Water Color: YELLOW
 Inflow Temperature:
 Surface Temperature: 21.2 (C)
 Epilimnion Temperature: 21.3 (C)
 Planar-Thermocline : 6.875 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 4.125 (M)
 Change at Planar-Thermo: 6.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.20	7.00	10.70	17.00	5.50
1.00	21.30	7.25	9.90	18.00	5.50
2.00	21.30	7.50	9.30	19.00	5.10
3.00	21.20	7.75	9.10	20.00	5.00
4.00	20.40	8.00	8.50	21.00	5.00
4.25	19.90	8.25	7.90	22.00	4.90
4.50	19.40	8.50	7.60	23.00	4.90
4.75	19.20	8.75	7.40	24.00	4.80
5.00	18.70	9.00	7.20	25.00	4.80
5.25	17.70	10.00	6.80	26.00	4.80
5.50	17.00	11.00	6.40	27.00	4.70
5.75	15.90	12.00	6.30	28.00	4.70
6.00	15.00	13.00	6.10	29.00	4.70
6.25	14.30	14.00	5.90	30.00	4.70
6.50	13.60	15.00	5.80	30.50	4.70
6.75	12.35	16.00	5.60		

Lake # 239 18 JUL 84
 Air Temperature: 18 (C)
 Cloud Cover: 7 /10
 Secchi Visibility: 5.4 (M)
 Inflow Temperature:
 Surface Temperature: 20.7 (C)
 Epilimnion Temperature: 20.6 (C)
 Planar-Thermocline : 6.375 (M)

(Day 199) Time: 11 10 CDT
 Wind: NE 15 - 20 KMPH
 Weather Description: SUNNY
 Water Color: YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 4.875 (M)
 Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.70	7.00	11.95	17.00	5.50
1.00	20.60	7.25	11.20	18.00	5.20
2.00	20.60	7.50	9.90	19.00	5.10
3.00	20.60	7.75	9.40	20.00	5.10
4.00	20.60	8.00	9.10	21.00	5.00
4.25	20.60	8.25	8.60	22.00	4.90
4.50	20.60	8.50	8.20	23.00	4.90
4.75	20.50	8.75	7.90	24.00	4.90
5.00	19.40	9.00	7.80	25.00	4.80
5.25	18.30	10.00	7.20	26.00	4.80
5.50	17.90	11.00	6.70	27.00	4.80
5.75	17.20	12.00	6.30	28.00	4.80
6.00	16.50	13.00	6.10	29.00	4.80
6.25	15.40	14.00	5.90	30.00	4.80
6.50	14.00	15.00	5.80	30.50	4.80
6.75	13.10	16.00	5.60		

Lake # 239 1 AUG 84 (Day 213) Time: 08 19 CDT
 Air Temperature: 20.5 (C) Wind: NE 0 - 5 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 4.8 (M) Water Color: YELLOW-BROWN
 Inflow Temperature:
 Surface Temperature: 22.6 (C)
 Epilimnion Temperature: 22.7 (C)
 Planar-Thermocline : 5.875 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 4.375 (M)
 Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.60	7.00	12.60	17.00	5.50
1.00	22.70	7.25	11.50	18.00	5.50
2.00	22.70	7.50	10.80	19.00	5.40
3.00	22.70	7.75	10.00	20.00	5.10
4.00	22.70	8.00	9.50	21.00	5.00
4.25	22.60	8.25	9.00	22.00	5.00
4.50	22.30	8.50	8.60	23.00	4.90
4.75	22.00	8.75	8.10	24.00	4.90
5.00	21.60	9.00	7.90	25.00	4.80
5.25	21.00	10.00	7.20	26.00	4.80
5.50	20.20	11.00	6.60	27.00	4.80
5.75	19.10	12.00	6.40	28.00	4.80
6.00	17.30	13.00	6.20	29.00	4.80
6.25	16.00	14.00	6.00	30.00	4.70
6.50	14.60	15.00	5.80	30.75	4.70
6.75	13.60	16.00	5.70		

Lake # 239 15 AUG 84
 Air Temperature: 26 (C)
 Cloud Cover: 8 /10
 Secchi Visibility: 6.5 (M)
 Inflow Temperature:
 Surface Temperature: 24 (C)
 Epilimnion Temperature: 24 (C)
 Planar-Thermocline : 5.375 (M)

(Day 227) Time:
 Wind: SW 20 - 25 KMPH
 Weather Description:
 Water Color: PALE -YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 5.375 (M)
 Change at Planar-Thermocline : . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.00	7.50	10.60	18.00	5.50
1.00	24.00	7.75	9.90	19.00	5.40
2.00	23.90	8.00	9.20	20.00	5.10
3.00	23.90	8.25	9.00	21.00	5.10
4.00	23.90	8.50	8.70	22.00	5.00
5.00	23.90	8.75	8.50	23.00	4.90
5.25	23.70	9.00	8.30	24.00	4.90
5.50	20.20	10.00	7.60	25.00	4.90
5.75	18.60	11.00	7.00	26.00	4.90
6.00	17.50	12.00	6.50	27.00	4.80
6.25	16.50	13.00	6.30	28.00	4.80
6.50	15.70	14.00	6.10	29.00	4.80
6.75	14.30	15.00	5.90	30.00	4.80
7.00	12.40	16.00	5.70	30.25	4.80
7.25	11.50	17.00	5.60		

Lake # 239 29 AUG 84 (Day 241) Time: 08 18 CDT
 Air Temperature: 24 (C) Wind: 00 -
 Cloud Cover: 5 /10 Weather Description:
 Secchi Visibility: 6 (M) Water Color: GREEN -YELLOW
 Inflow Temperature:
 Surface Temperature: 22 (C) Outflow Temperature:
 Epilimnion Temperature: 22 (C) Epilimnion Depth (1 C/M): 6.125 (M)
 Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.00	8.25	10.00	18.00	5.50
1.00	22.00	8.50	9.60	19.00	5.10
2.00	22.10	8.75	9.20	20.00	5.10
3.00	22.10	9.00	8.70	21.00	5.00
4.00	21.90	9.25	8.20	22.00	4.90
5.00	21.50	9.50	7.90	23.00	4.90
6.00	20.70	9.75	7.70	24.00	4.80
6.25	20.10	10.00	7.50	25.00	4.80
6.50	19.00	11.00	7.00	26.00	4.80
6.75	17.30	12.00	6.60	27.00	4.80
7.00	15.60	13.00	6.40	28.00	4.80
7.25	14.40	14.00	6.20	29.00	4.80
7.50	12.50	15.00	6.00	30.00	4.80
7.75	11.00	16.00	5.80	30.25	4.80
8.00	10.50	17.00	5.60		

Lake # 239 12 SEP 84
 Air Temperature:
 Cloud Cover: 10 /10
 Secchi Visibility: 4.8 (M)
 Inflow Temperature:
 Surface Temperature: 16.6 (C)
 Epilimnion Temperature: 16.5 (C)
 Planar-Thermocline : 7.875 (M)

(Day 255) Time: 13 26 CDT
 Wind: SE 5 - 10 KMPH
 Weather Description:
 Water Color: PALE -GREEN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 7.625 (M)
 Change at Planar-Thermo: 9.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.60	8.75	9.60	19.00	5.30
1.00	16.50	9.00	9.10	20.00	5.30
2.00	16.40	9.25	8.60	21.00	5.00
3.00	16.40	9.50	8.30	22.00	5.00
4.00	16.30	9.75	8.00	23.00	4.90
5.00	16.30	10.00	7.70	24.00	4.90
6.00	16.30	11.00	6.90	25.00	4.90
7.00	16.30	12.00	6.60	26.00	4.90
7.25	16.10	13.00	6.30	27.00	4.80
7.50	16.00	14.00	6.10	28.00	4.80
7.75	15.40	15.00	5.90	29.00	4.80
8.00	13.00	16.00	5.70	30.00	4.80
8.25	11.60	17.00	5.60	30.25	4.80
8.50	10.40	18.00	5.40		

Lake # 239 26 SEP 84 (Day 269) Time: 08 41 CDT
 Air Temperature: 5 (C) Wind: NE 20 - 25 KMPH
 Cloud Cover: 1 /10 Weather Description:
 Secchi Visibility: 4.2 (M) Water Color: GREEN
 Inflow Temperature:
 Surface Temperature: 12.15 (C) Outflow Temperature:
 Epilimnion Temperature: 12.15 (C) Epilimnion Depth (1 C/M): 9.125 (M)
 Planar-Thermocline : 9.625 (M) Change at Planar-Thermocline: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.15	10.00	9.50	19.00	5.40
1.00	12.15	10.25	8.60	20.00	5.10
2.00	12.15	10.50	8.00	21.00	5.00
3.00	12.15	10.75	7.40	22.00	5.00
4.00	12.15	11.00	7.10	23.00	4.90
5.00	12.15	12.00	6.70	24.00	4.90
6.00	12.15	13.00	6.30	25.00	4.80
7.00	12.15	14.00	6.20	26.00	4.80
8.00	12.15	15.00	5.90	27.00	4.80
9.00	12.15	16.00	5.70	28.00	4.80
9.25	11.95	17.00	5.60	29.00	4.80
9.50	11.40	18.00	5.50	30.00	4.70
9.75	10.10				

Lake # 239 30 OCT 84 (Day 303) Time: 08 19 CDT
 Air Temperature: 2 (C) Wind: SW 10 - 15 KMPH
 Cloud Cover: 3 /10 Weather Description:
 Secchi Visibility: 4.2 (M) Water Color: PALE -BROWN
 Inflow Temperature:
 Surface Temperature: 6.6 (C) Outflow Temperature:
 Epilimnion Temperature: 6.7 (C) Epilimnion Depth (1 C/M): 31 (M)
 Planar-Thermocline : 22.5 (M) Change at Planar-Thermocline: 0.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.60	11.00	6.80	22.00	5.70
1.00	6.70	12.00	6.90	23.00	4.90
2.00	6.70	13.00	6.70	24.00	4.90
3.00	6.70	14.00	6.70	25.00	4.90
4.00	6.70	15.00	6.70	26.00	4.90
5.00	6.70	16.00	6.70	27.00	4.80
6.00	6.70	17.00	6.70	28.00	4.80
7.00	6.70	18.00	6.50	29.00	4.80
8.00	6.70	19.00	6.40	30.00	4.80
9.00	6.80	20.00	6.30	31.00	4.80
10.00	6.80	21.00	5.60		

Lake # 240 10 MAY 84
 Air Temperature: 4 (C)
 Cloud Cover: 10 /10
 Secchi Visibility: 3 (M)
 Inflow Temperature:
 Surface Temperature: 7 (C)
 Epilimnion Temperature: 6.9 (C)
 Planar-Thermocline : 10.5 (M)

(Day 130) Time: 08 10 CDT
 Wind: NE 10 - 15 KMPH
 Weather Description:
 Water Color: YELLOW-BROWN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 13 (M)
 Change at Planar-Thermocline: 0.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.00	5.00	6.80	10.00	6.70
1.00	6.90	6.00	6.80	11.00	6.40
2.00	6.80	7.00	6.80	12.00	6.10
3.00	6.80	8.00	6.80	13.00	5.90
4.00	6.80	9.00	6.70		

Lake # 240 25 MAY 84
 Air Temperature: 13 (C)
 Cloud Cover: 5 /10
 Secchi Visibility: 3.6 (M)
 Inflow Temperature:
 Surface Temperature: 12.9 (C)
 Epilimnion Temperature: 12.8 (C)
 Planar-Thermocline : 6.875 (M)

(Day 145) Time: 10 00 CDT
 Wind: NW 5 - 10 KMPH
 Weather Description:
 Water Color: GREEN -YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 6.125 (M)
 Change at Planar-Thermocline: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.90	6.25	11.20	8.00	7.80
1.00	12.80	6.50	10.90	9.00	7.30
2.00	12.50	6.75	10.50	10.00	6.90
3.00	12.50	7.00	9.60	11.00	6.90
4.00	12.30	7.25	8.80	12.00	6.80
5.00	12.20	7.50	8.20	13.00	6.70
6.00	11.70	7.75	7.80		

Lake # 240 7 JUN 84 (Day 158) Time: 08 17 CDT
 Air Temperature: 15 (C) Wind: E 5 - 10 KMPH
 Cloud Cover: 10 /10 Weather Description: LIGHT RAIN
 Secchi Visibility: 5.2 (M) Water Color: GREEN
 Inflow Temperature:
 Surface Temperature: 16.4 (C) Outflow Temperature:
 Epilimnion Temperature: 16.4 (C) Epilimnion Depth (1 C/M): 4.375 (M)
 Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.40	5.50	13.10	9.00	9.80
1.00	16.40	5.75	12.50	8.25	9.50
2.00	16.40	6.00	12.15	8.50	9.10
3.00	16.40	6.25	11.70	8.75	7.80
4.00	16.40	6.50	11.40	9.00	7.80
4.25	16.30	6.75	11.00	10.00	7.40
4.50	15.90	7.00	10.60	11.00	7.00
4.75	15.10	7.25	10.10	12.00	6.90
5.00	14.50	7.50	9.60	13.00	6.80
5.25	13.90	7.75	9.20		

Lake # 240 22 JUN 84 (Day 173) Time: 08 22 CDT
 Air Temperature: 20 (C) Wind: SW 5 - 10 KMPH
 Cloud Cover: 10 /10 Weather Description: OVERCAST
 Secchi Visibility: 5 (M) Water Color: GREEN
 Inflow Temperature:
 Surface Temperature: 19.8 (C) Outflow Temperature:
 Epilimnion Temperature: 20.2 (C) Epilimnion Depth (1 C/M): 3.125 (M)
 Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.80	5.00	16.90	7.75	9.80
1.00	20.20	5.25	16.60	8.00	9.30
2.00	20.10	5.50	16.20	8.25	9.10
3.00	19.90	5.75	15.60	8.50	8.70
3.25	19.60	6.00	14.40	8.75	8.60
3.50	19.50	6.25	13.30	9.00	8.50
3.75	19.30	6.50	13.00	10.00	8.00
4.00	18.40	6.75	12.25	11.00	7.70
4.25	17.90	7.00	11.60	12.00	7.30
4.50	17.50	7.25	10.80	13.00	7.10
4.75	17.30	7.50	10.10		

Lake # 240 5 JUL 84 (Day 186) Time: 08 10 CDT
 Air Temperature: 18 (C) Wind: NW 20 - 25 KMPH
 Cloud Cover: 1 /10 Weather Description:
 Secchi Visibility: 4.1 (M) Water Color: YELLOW
 Inflow Temperature:
 Surface Temperature: 21.2 (C) Outflow Temperature:
 Epilimnion Temperature: 21.2 (C) Epilimnion Depth (1 C/M): 4.625 (M)
 Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.20	5.50	18.30	8.00	9.60
1.00	21.20	5.75	17.30	8.25	9.30
2.00	21.20	6.00	16.70	8.50	9.10
3.00	21.20	6.25	15.80	8.75	8.90
4.00	21.20	6.50	14.60	9.00	8.70
4.25	21.00	6.75	13.00	10.00	8.00
4.50	21.10	7.00	11.95	11.00	7.60
4.75	20.30	7.25	10.60	12.00	7.40
5.00	19.60	7.50	10.40	13.00	7.30
5.25	18.70	7.75	10.00		

Lake # 240 20 JUL 84 (Day 201) Time: 08 55 CDT
 Air Temperature: 22 (C) Wind: NE 5 - 10 KMPH
 Cloud Cover: 1 /10 Weather Description:
 Secchi Visibility: 6.1 (M) Water Color: GREEN -YELLOW
 Inflow Temperature:
 Surface Temperature: 20.7 (C) Outflow Temperature:
 Epilimnion Temperature: 20.7 (C) Epilimnion Depth (1 C/M): 5.875 (M)
 Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.70	6.25	17.00	8.75	9.50
1.00	20.70	6.50	15.70	9.00	9.30
2.00	20.70	6.75	14.50	9.25	9.20
3.00	20.70	7.00	13.40	9.50	8.90
4.00	20.70	7.25	12.60	9.75	8.70
5.00	20.50	7.50	12.05	10.00	8.50
5.25	20.40	7.75	11.10	11.00	7.90
5.50	20.40	8.00	10.50	12.00	7.80
5.75	20.20	8.25	10.20	13.00	7.70
6.00	18.30	8.50	9.90		

Lake # 240 2 AUG 84 (Day 214) Time: 08 25 CDT
 Air Temperature: 19 (C) Wind: NE 0 - 5 KMPH
 Cloud Cover: 1 /10 Weather Description:
 Secchi Visibility: 4.4 (M) Water Color: YELLOW
 Inflow Temperature:
 Surface Temperature: 22.7 (C) Outflow Temperature:
 Epilimnion Temperature: 22.9 (C) Epilimnion Depth (1 C/M): 5.125 (M)
 Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.70	6.25	17.70	8.75	9.80
1.00	22.90	6.50	16.60	9.00	9.40
2.00	22.90	6.75	15.60	9.25	9.90
3.00	22.80	7.00	14.30	9.50	8.80
4.00	22.60	7.25	12.70	9.75	8.60
5.00	22.30	7.50	12.40	10.00	8.40
5.25	21.30	7.75	11.60	11.00	7.90
5.50	20.70	8.00	11.00	12.00	7.70
5.75	19.90	8.25	10.50	13.00	7.70
6.00	19.00	8.50	10.20		

Lake # 240 17 AUG 84 (Day 229) Time: 08 17 CDT
 Air Temperature: 16 (C) Wind: S 5 - 10 KMPH
 Cloud Cover: 8 /10 Weather Description:
 Secchi Visibility: 5.6 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 22.5 (C) Outflow Temperature:
 Epilimnion Temperature: 22.7 (C) Epilimnion Depth (1 C/M): 5.625 (M)
 Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.50	6.25	20.00	8.75	10.20
1.00	22.70	6.50	17.30	9.00	9.90
2.00	22.70	6.75	16.60	9.25	9.60
3.00	22.80	7.00	14.90	9.50	9.30
4.00	22.90	7.25	14.00	9.75	9.20
5.00	22.80	7.50	13.30	10.00	8.90
5.25	22.80	7.75	12.25	11.00	8.20
5.50	22.70	8.00	11.60	12.00	7.90
5.75	21.80	8.25	11.10	12.50	7.80
6.00	20.80	8.50	10.60		

Lake # 240 30 AUG 84 (Day 242) Time: 08 20 CDT
 Air Temperature: 21 (C) Wind: W 5 - 10 KMPH
 Cloud Cover: 2 /10 Weather Description:
 Secchi Visibility: 4.8 (M) Water Color: GREEN -YELLOW
 Inflow Temperature:
 Surface Temperature: 22 (C)
 Epilimnion Temperature: 22.1 (C) Epilimnion Depth (1 C/M): 6.625 (M)
 Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.00	7.00	17.60	9.50	9.77
1.00	22.10	7.25	16.40	9.75	9.50
2.00	22.00	7.50	14.40	10.00	9.30
3.00	22.00	7.75	13.30	10.25	9.00
4.00	22.00	8.00	12.50	10.50	8.70
5.00	21.70	8.25	12.00	10.75	8.40
6.00	20.90	8.50	11.45	11.00	8.30
6.25	20.70	8.75	11.05	12.00	8.10
6.50	20.50	9.00	10.80	12.25	8.10
6.75	19.00	9.25	10.20		

Lake # 240 13 SEP 84 (Day 256) Time: 08 36 CDT
 Air Temperature: 12.5 (C) Wind: E 10 - 15 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 3.8 (M) Water Color: PALE --GREEN
 Inflow Temperature:
 Surface Temperature: 15.6 (C)
 Epilimnion Temperature: 15.8 (C) Epilimnion Depth (1 C/M): 8.125 (M)
 Planar-Thermocline : 8.625 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.60	7.00	15.90	9.50	10.00
1.00	15.80	8.00	15.40	9.75	9.50
2.00	15.80	8.25	14.90	10.00	9.10
3.00	15.80	8.50	14.30	11.00	8.40
4.00	15.80	8.75	12.50	12.00	8.10
5.00	15.90	9.00	11.60	12.75	7.80
6.00	15.90	9.25	10.40		

Lake # 240 27 SEP 84 (Day 270) Time: 08 30 CDT
 Air Temperature: 5 (C) Wind: S 5 - 10 KMPH
 Cloud Cover: 7 /10 Weather Description:
 Secchi Visibility: 3.4 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 11.2 (C)
 Epilimnion Temperature: 11.2 (C) Epilimnion Depth (1 C/M): 12 (M)
 Planar-Thermocline : 11.5 (M) Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.20	5.00	11.20	9.00	11.20
1.00	11.20	6.00	11.20	10.00	11.20
2.00	11.20	7.00	11.20	11.00	11.20
3.00	11.20	8.00	11.20	12.00	10.60
4.00	11.20				

Lake # 302 N 2 MAY 84 (Day 122) Time: 08 52 CDT
 Air Temperature: 4.5 (C) Wind: W 0 - 5 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 3 (M) Water Color: GREEN
 Inflow Temperature:
 Surface Temperature: 6.2 (C) Outflow Temperature:
 Epilimnion Temperature: 6.2 (C)
 Planar-Thermocline : 9.5 (M) Epilimnion Depth (1 C/M): 13 (M)
 Change at Planar-Thermocline: 0.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.20	5.00	6.10	10.00	4.70
1.00	6.20	6.00	6.10	11.00	4.50
2.00	6.20	7.00	6.10	12.00	4.50
3.00	6.20	8.00	5.80	13.00	4.50
4.00	6.20	9.00	5.60		

Lake # 302 N 16 MAY 84 (Day 136) Time: 13 45 CDT
 Air Temperature: 22.3 (C) Wind: SW 5 - 10 KMPH
 Cloud Cover: 3 /10 Weather Description:
 Secchi Visibility: 3 (M) Water Color: GREEN
 Inflow Temperature:
 Surface Temperature: 12.8 (C) Outflow Temperature:
 Epilimnion Temperature: 11.8 (C)
 Planar-Thermocline : 2.875 (M) Epilimnion Depth (1 C/M): .375 (M)
 Change at Planar-Thermocline: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.80	2.75	10.60	7.00	6.80
0.25	12.70	3.00	9.60	8.00	6.60
0.50	12.35	3.25	9.20	9.00	6.10
0.75	12.15	3.50	9.10	10.00	6.00
1.00	11.80	3.75	8.70	11.00	5.90
2.00	11.20	4.00	8.50	12.00	5.90
2.25	11.10	5.00	7.80	13.00	5.80
2.50	10.90	6.00	7.50		

Lake # 302 N 30 MAY 84 (Day 150) Time: 08 46 CDT
 Air Temperature: 16.5 (C) Wind: 0 -
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 4.3 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 14.1 (C) Outflow Temperature:
 Epilimnion Temperature: 13.5 (C) Epilimnion Depth (1 C/M): 2.5 (M)
 Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.10	5.00	10.10	7.00	7.10
1.00	13.50	5.25	9.40	8.00	6.70
2.00	13.50	5.50	9.00	9.00	6.40
3.00	12.20	5.75	8.70	10.00	5.90
4.00	12.70	6.00	7.80	11.00	5.80
4.25	12.20	6.25	7.70	12.00	5.70
4.50	12.05	6.50	7.50	13.00	5.70
4.75	11.10	6.75	7.30		

Lake # 302 N 13 JUN 84 (Day 164) Time: 15 36 CDT
 Air Temperature: 15.1 (C) Wind: SE 5 - 10 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 3.3 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 17 (C) Outflow Temperature:
 Epilimnion Temperature: 17 (C) Epilimnion Depth (1 C/M): 3.125 (M)
 Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 5.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.00	4.50	15.10	6.75	8.30
1.00	17.00	4.75	14.40	7.00	7.80
2.00	17.00	5.00	13.30	8.00	6.90
3.00	17.00	5.25	12.25	9.00	6.50
3.25	16.70	5.50	11.00	10.00	6.40
3.50	16.50	5.75	10.50	11.00	6.20
3.75	16.40	6.00	9.50	12.00	6.20
4.00	16.10	6.25	9.10	13.00	6.10
4.25	15.70	6.50	8.70		

Lake # 302 N 27 JUN 84 (Day 178) Time: 08 28 CDT
 Air Temperature: 23 (C) Wind: 0 -
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 2.6 (M) Water Color: YELLOW-BROWN
 Inflow Temperature:
 Surface Temperature: 19.6 (C)
 Epilimnion Temperature: 19.6 (C)
 Planar-Thermocline : 4.125 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.125 (M)
 Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.60	4.50	14.70	6.75	8.40
1.00	19.60	4.75	13.80	7.00	7.90
2.00	19.60	5.00	12.90	8.00	7.00
3.00	19.50	5.25	11.80	9.00	6.30
3.25	19.10	5.50	11.30	10.00	6.10
3.50	18.90	5.75	10.60	11.00	6.00
3.75	17.90	6.00	9.80	12.00	5.90
4.00	17.10	6.25	9.00	13.00	5.90
4.25	15.70	6.50	8.70		

Lake # 302 N 11 JUL 84 (Day 192) Time: 08 46 CDT
 Air Temperature: 20 (C) Wind: 0 0 - 0 KMPH
 Cloud Cover: 8 /10 Weather Description:
 Secchi Visibility: 3.1 (M) Water Color: TURBID-GREEN
 Inflow Temperature:
 Surface Temperature: 21.6 (C)
 Epilimnion Temperature: 21.3 (C)
 Planar-Thermocline : 4.875 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.125 (M)
 Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.60	4.50	17.40	6.75	9.00
1.00	21.30	4.75	17.20	7.00	8.40
2.00	21.40	5.00	14.30	8.00	7.50
3.00	20.90	5.25	13.00	9.00	6.90
3.25	20.50	5.50	12.30	10.00	6.70
3.50	20.30	5.75	12.10	11.00	6.60
3.75	20.00	6.00	10.40	12.00	6.45
4.00	19.20	6.25	9.57	13.00	6.45
4.25	18.50	6.50	9.30		

Lake # 302 N 25 JUL 84 (Day 206) Time: 08 56 CDT
 Air Temperature: 25 (C) Wind: W 0 - 5 KMPH
 Cloud Cover: 5 /10 Weather Description:
 Secchi Visibility: 4 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 22.2 (C)
 Epilimnion Temperature: 22.3 (C)
 Planar-Thermocline : 5.125 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.625 (M)
 Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.20	5.00	17.00	7.75	8.50
1.00	22.30	5.25	15.00	8.00	8.00
2.00	22.40	5.50	13.90	8.25	7.80
3.00	22.30	5.75	12.90	8.50	7.60
3.25	22.20	6.00	12.15	8.75	7.40
3.50	22.10	6.25	11.10	9.00	7.10
3.75	21.80	6.50	10.20	10.00	6.80
4.00	21.50	6.75	9.50	11.00	6.70
4.25	20.70	7.00	9.20	12.00	6.50
4.50	19.10	7.25	8.90	13.00	6.50
4.75	18.00	7.50	8.70		

Lake # 302 N 8 AUG 84 (Day 220) Time: 08 41 CDT
 Air Temperature: 27 (C) Wind: 0 -
 Cloud Cover: 1 /10 Weather Description:
 Secchi Visibility: 3.8 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 25.8 (C)
 Epilimnion Temperature: 25.8 (C)
 Planar-Thermocline : 4.875 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.125 (M)
 Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.80	4.75	19.90	7.25	9.40
1.00	25.80	5.00	17.90	7.50	9.10
2.00	25.70	5.25	16.40	7.75	8.80
3.00	24.90	5.50	15.20	8.00	8.40
3.25	24.40	5.75	14.30	9.00	7.50
3.50	24.10	6.00	13.20	10.00	7.00
3.75	23.70	6.25	12.25	11.00	6.70
4.00	23.10	6.50	11.20	12.00	6.60
4.25	22.10	6.75	10.60	13.00	6.50
4.50	21.00	7.00	10.00	13.25	6.40

Lake # 302 N 10 AUG 84 (Day 222) Time: 15 05 CDT
 Air Temperature: 22 (C) Wind: W 10 - 15 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 3.8 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 25.2 (C)
 Epilimnion Temperature: 25.2 (C)
 Planar-Thermocline : 4.875 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.125 (M)
 Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.20	5.00	18.30	7.75	8.80
1.00	25.20	5.25	17.20	8.00	8.50
2.00	25.20	5.50	15.80	8.25	7.90
3.00	25.10	5.75	14.60	8.50	7.70
3.25	24.70	6.00	13.30	8.75	7.40
3.50	24.20	6.25	12.40	9.00	7.10
3.75	23.80	6.50	11.60	10.00	6.80
4.00	23.30	6.75	10.70	11.00	6.60
4.25	22.60	7.00	10.20	12.00	6.50
4.50	21.30	7.25	9.50	13.00	6.40
4.75	19.90	7.50	9.20	13.25	6.30

Lake # 302 N 22 AUG 84 (Day 234) Time: 08 50 CDT
 Air Temperature: 20 (C) Wind: SW 10 - 15 KMPH
 Cloud Cover: 2 /10 Weather Description:
 Secchi Visibility: 4.2 (M) Water Color: YELLOW
 Inflow Temperature:
 Surface Temperature: 22 (C)
 Epilimnion Temperature: 22.1 (C)
 Planar-Thermocline : 5.125 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 4.625 (M)
 Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.00	5.50	17.20	8.00	8.60
1.00	22.10	5.75	15.70	8.25	8.10
2.00	22.10	6.00	14.30	8.50	7.90
3.00	22.10	6.25	13.20	8.75	7.60
4.00	22.10	6.50	12.30	9.00	7.50
4.25	22.00	6.75	11.50	10.00	6.90
4.50	21.90	7.00	10.80	11.00	6.70
4.75	21.40	7.25	10.00	12.00	6.60
5.00	20.40	7.50	9.60	13.00	6.50
5.25	18.70	7.75	9.20	13.25	6.40

Lake # 302 N 19 SEP 84 (Day 262) Time: 08 27 CDT
 Air Temperature: 16 (C) Wind: SW 0 - 5 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 3.8 (M) Water Color: PALE -BROWN
 Inflow Temperature:
 Surface Temperature: 14.8 (C)
 Epilimnion Temperature: 14.6 (C)
 Planar-Thermocline : 7.625 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 7.125 (M)
 Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.80	7.00	13.60	8.75	8.50
1.00	14.60	7.25	13.30	9.00	8.00
2.00	14.50	7.50	12.40	10.00	7.30
3.00	14.50	7.75	10.80	11.00	7.00
4.00	14.50	8.00	9.90	12.00	7.00
5.00	14.40	8.25	9.10	13.00	6.90
6.00	14.30	8.50	8.90		

Lake # 302 N 3 OCT 84 (Day 276) Time: 10 47 CDT
 Air Temperature: 11 (C) Wind: SW 10 - 15 KMPH
 Cloud Cover: 6 /10 Weather Description:
 Secchi Visibility:
 Inflow Temperature:
 Surface Temperature: 10.3 (C)
 Epilimnion Temperature: 10.2 (C)
 Planar-Thermocline : 10.125 (M) Water Color:
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 10.125 (M)
 Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.30	6.00	10.00	10.50	7.50
1.00	10.20	7.00	10.00	10.75	7.20
2.00	10.10	8.00	9.90	11.00	7.10
3.00	10.10	9.00	9.80	12.00	6.80
4.00	10.10	10.00	9.90	12.75	6.70
5.00	10.00	10.25	7.70		

Lake # 302 N 17 OCT 84 (Day 290) Time:
 Air Temperature: 8 (C) Wind: N 10 - 15 KMPH
 Cloud Cover: 6 /10 Weather Description:
 Secchi Visibility: 1.5 (M) Water Color:
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 12.05 (C)
 Epilimnion Temperature: 12.05 (C)
 Planar-Thermocline : 5.5 (M) Epilimnion Depth (1 C/M): 5.5 (M)
 Change at Planar-Thermo: 1.350 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.05	4.00	12.05	8.00	10.60
1.00	12.05	5.00	12.05	9.00	10.60
2.00	12.15	6.00	10.70	10.00	10.60
3.00	12.05	7.00	10.70		

Lake # 302 N 31 OCT 84 (Day 304) Time: 08 48 CDT
 Air Temperature: -5 (C) Wind: S 15 - 20 KMPH
 Cloud Cover: 4 /10 Weather Description:
 Secchi Visibility: 2.8 (M) Water Color: BROWN
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 5.6 (C)
 Epilimnion Temperature: 5.6 (C)
 Planar-Thermocline : .5 (M) Epilimnion Depth (1 C/M): 13 (M)
 Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.60	5.00	5.60	10.00	5.60
1.00	5.60	6.00	5.60	11.00	5.60
2.00	5.60	7.00	5.60	12.00	5.60
3.00	5.60	8.00	5.60	13.00	5.60
4.00	5.60	9.00	5.60		

Lake # 302 S 2 MAY 84
 Air Temperature: 4.5 (C)
 Cloud Cover: 10 /10
 Secchi Visibility: 5.6 (M)
 Inflow Temperature:
 Surface Temperature: 6.7 (C)
 Epilimnion Temperature: 6.7 (C)
 Planar-Thermocline : 6.5 (M)

(Day 122) Time: 08 35 CDT
 Wind: W 0 - 5 KMPH
 Weather Description:
 Water Color: GREEN -YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 10 (M)
 Change at Planar-Thermo: 0.250 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.70	4.00	6.70	8.00	6.40
1.00	6.70	5.00	6.70	9.00	6.40
2.00	6.70	6.00	6.70	10.00	6.40
3.00	6.70	7.00	6.45		

Lake # 302 S 16 MAY 84
 Air Temperature: 22.3 (C)
 Cloud Cover: 3 /10
 Secchi Visibility: 5.4 (M)
 Inflow Temperature:
 Surface Temperature: 12.4 (C)
 Epilimnion Temperature: 12.15 (C)
 Planar-Thermocline : 3.375 (M)

(Day 136) Time: 14 30 CDT
 Wind: SW 5 - 10 KMPH
 Weather Description:
 Water Color: GREEN -YELLOW
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 3.125 (M)
 Change at Planar-Thermo: 2.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.40	3.50	10.00	7.00	8.60
1.00	12.15	3.75	9.60	8.00	8.20
2.00	11.60	4.00	9.50	9.00	8.00
3.00	10.90	5.00	9.10	10.00	7.90
3.25	10.50	6.00	9.00		

Lake # 302 S 30 MAY 84 (Day 150) Time: 09 43 CDT
 Air Temperature: 19 (C) Wind: 0 -
 Cloud Cover: 1 /10 Weather Description:
 Secchi Visibility: 4.9 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 13.9 (C) Outflow Temperature:
 Epilimnion Temperature: 13.9 (C) Epilimnion Depth (1 C/M): 6.125 (M)
 Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 3.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.90	5.00	12.90	7.00	10.40
1.00	13.90	6.00	12.05	8.00	9.30
2.00	13.50	6.25	11.10	9.00	9.10
3.00	13.30	6.50	10.80	10.00	8.70
4.00	13.20	6.75	10.60		

Lake # 302 S 13 JUN 84 (Day 164) Time: 16 04 CDT
 Air Temperature: 15.1 (C) Wind: SE 0 - 5 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 5.3 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 16.9 (C) Outflow Temperature:
 Epilimnion Temperature: 16.9 (C) Epilimnion Depth (1 C/M): 5.125 (M)
 Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.90	5.50	15.00	7.25	11.70
1.00	16.90	5.75	14.40	7.50	11.40
2.00	16.90	6.00	14.10	7.75	11.10
3.00	16.80	6.25	13.70	8.00	10.80
4.00	16.40	6.50	13.40	9.00	9.80
5.00	15.90	6.75	13.00	10.00	9.30
5.25	15.50	7.00	12.50		

Lake # 302 S 27 JUN 84
 Air Temperature: 18 (C)
 Cloud Cover: 9 /10
 Secchi Visibility: 3.8 (M)
 Inflow Temperature:
 Surface Temperature: 19.9 (C)
 Epilimnion Temperature: 20 (C)
 Planar-Thermocline : 5.875 (M)

(Day 178) Time: 08 28 CDT
 Wind: 0 -
 Weather Description: OVERCAST
 Water Color: PALE -GREEN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 4.375 (M)
 Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.90	4.75	18.50	7.25	13.40
1.00	20.00	5.00	17.80	7.50	12.80
2.00	19.90	5.25	17.50	7.75	12.30
3.00	19.90	5.50	17.10	8.00	11.90
3.25	19.90	5.75	17.10	8.25	11.25
3.50	19.80	6.00	16.10	8.50	10.90
3.75	19.80	6.25	15.60	8.75	10.70
4.00	19.60	6.50	15.00	9.00	10.30
4.25	19.40	6.75	14.30	10.00	9.87
4.50	19.10	7.00	13.80	11.00	9.30

Lake # 302 S 11 JUL 84
 Air Temperature: 23 (C)
 Cloud Cover: 6 /10
 Secchi Visibility: 4 (M)
 Inflow Temperature:
 Surface Temperature: 21.6 (C)
 Epilimnion Temperature: 21.6 (C)
 Planar-Thermocline : 6.125 (M)

(Day 192) Time: 09 27 CDT
 Wind: 0 -
 Weather Description:
 Water Color: PALE -GREEN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 5.125 (M)
 Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.60	5.75	19.40	7.75	13.30
1.00	21.60	6.00	19.90	8.00	12.60
2.00	21.60	6.25	17.80	8.25	12.00
3.00	21.40	6.50	17.00	8.50	11.60
4.00	20.90	6.75	15.90	8.75	11.15
5.00	20.40	7.00	15.00	9.00	10.70
5.25	20.10	7.25	14.50	10.00	10.20
5.50	19.90	7.50	13.70		

Lake # 302 S 25 JUL 84 (Day 206) Time: 08 35 CDT
 Air Temperature: 20 (C) Wind: SW 0 - 5 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 4 (M) Water Color: GREEN
 Inflow Temperature:
 Surface Temperature: 22.8 (C) Outflow Temperature:
 Epilimnion Temperature: 22.8 (C) Epilimnion Depth (1 C/M): 5.125 (M)
 Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.80	5.75	21.20	7.75	14.30
1.00	22.80	6.00	20.70	8.00	13.50
2.00	22.80	6.25	20.10	8.25	13.00
3.00	22.80	6.50	19.40	8.50	12.35
4.00	22.50	6.75	18.50	8.75	11.80
5.00	22.00	7.00	17.10	9.00	11.00
5.25	21.60	7.25	16.10	10.00	10.60
5.50	21.40	7.50	15.10	10.25	10.60

Lake # 302 S 8 AUG 84 (Day 220) Time: 09 02 CDT
 Air Temperature: 27.5 (C) Wind: SW 0 - 5 KMPH
 Cloud Cover: 1 /10 Weather Description:
 Secchi Visibility: 4 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 25.6 (C) Outflow Temperature:
 Epilimnion Temperature: 25.7 (C) Epilimnion Depth (1 C/M): 5.125 (M)
 Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.60	6.00	22.40	8.25	13.00
1.00	25.70	6.25	21.30	8.50	12.50
2.00	25.60	6.50	20.50	8.75	11.95
3.00	25.30	6.75	19.40	9.00	11.60
4.00	24.70	7.00	17.50	9.25	11.10
5.00	24.00	7.25	16.40	9.50	10.90
5.25	23.60	7.50	15.40	9.75	10.80
5.50	23.30	7.75	14.70	10.00	10.70
5.75	22.90	8.00	13.70		

Lake # 302 S 11 AUG 84 (Day 223) Time: 14 12 CDT
 Air Temperature: 20 (C) Wind: NW 10 - 15 MPH
 Cloud Cover: 1 /10 Weather Description:
 Secchi Visibility: 3.4 (M) Water Color: PALE -GREEN
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 24.4 (C)
 Epilimnion Temperature: 24.4 (C) Epilimnion Depth (1 C/M): 5.125 (M)
 Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.40	6.00	22.60	8.00	13.90
1.00	24.40	6.25	21.80	8.25	13.00
2.00	24.40	6.50	21.10	8.50	12.60
3.00	24.30	6.75	19.40	8.75	12.15
4.00	24.30	7.00	18.00	9.00	11.70
5.00	24.20	7.25	16.70	9.25	11.50
5.25	23.90	7.50	15.70	9.50	11.20
5.50	23.50	7.75	14.70	9.75	10.90
5.75	23.30				

Lake # 302 S 22 AUG 84 (Day 234) Time: 08 52 CDT
 Air Temperature: 19 (C) Wind: SE 5 - 10 MPH
 Cloud Cover: 2 /10 Weather Description:
 Secchi Visibility: 3 (M) Water Color: TURBID-GREEN
 Inflow Temperature: Outflow Temperature:
 Surface Temperature: 22.9 (C)
 Epilimnion Temperature: 22.9 (C) Epilimnion Depth (1 C/M): 6.375 (M)
 Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.90	6.25	22.90	8.00	13.50
1.00	22.90	6.50	22.50	8.25	13.00
2.00	22.90	6.75	19.80	8.50	12.30
3.00	22.90	7.00	18.40	8.75	11.90
4.00	22.90	7.25	17.10	9.00	11.60
5.00	22.90	7.50	15.60	10.00	11.00
6.00	22.90	7.75	14.50		

Lake # 302 S 19 SEP 84 (Day 262) Time: 08 31 CDT
 Air Temperature: 16 (C) Wind: S 0 - 5 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 2.4 (M) Water Color: YELLOW-BROWN
 Inflow Temperature:
 Surface Temperature: 15.5 (C)
 Epilimnion Temperature: 15.5 (C)
 Planar-Thermocline : 9.375 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 9.375 (M)
 Change at Planar-Thermo: 4.267 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.50	4.00	15.40	8.00	15.10
1.00	15.50	5.00	15.20	9.00	14.70
2.00	15.40	6.00	15.10	9.75	11.50
3.00	15.40	7.00	15.10		

Lake # 302 S 3 OCT 84 (Day 276) Time: 11 11 CDT
 Air Temperature: 11 (C) Wind: SE 10 - 15 KMPH
 Cloud Cover: 6 /10 Weather Description:
 Secchi Visibility:
 Inflow Temperature:
 Surface Temperature: 10.9 (C)
 Epilimnion Temperature: 10.8 (C)
 Planar-Thermocline : .5 (M) Water Color:
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 10 (M)
 Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.90	4.00	10.70	8.00	10.50
1.00	10.80	5.00	10.60	9.00	10.50
2.00	10.70	6.00	10.60	10.00	10.50
3.00	10.70	7.00	10.60		

Lake # 302 S 17 OCT 84
 Air Temperature: 7 (C)
 Cloud Cover: 9 /10
 Secchi Visibility: 1 (M)
 Inflow Temperature:
 Surface Temperature: 11.5 (C)
 Epilimnion Temperature: 11.5 (C)
 Planar-Thermocline : 3.5 (M)

(Day 290) Time:
 Wind: N 10 - 15 KMPH
 Weather Description: OVERCAST
 Water Color:
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 13.5 (M)
 Change at Planar-Thermo: 0.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.50	5.00	10.50	10.00	8.90
1.00	11.50	6.00	9.80	11.00	8.20
2.00	11.70	7.00	9.60	12.00	7.70
3.00	11.70	8.00	9.40	13.00	7.20
4.00	10.80	9.00	9.30	13.50	7.10

Lake # 302 S 31 OCT 84
 Air Temperature: -2 (C)
 Cloud Cover: 5 /10
 Secchi Visibility:
 Inflow Temperature:
 Surface Temperature: 5.1 (C)
 Epilimnion Temperature: 5.5 (C)
 Planar-Thermocline : .5 (M)

(Day 304) Time: 08 43 CDT
 Wind: SE 10 - 15 KMPH
 Weather Description:
 Water Color:
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 10 (M)
 Change at Planar-Thermo: -.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.10	4.00	5.70	8.00	5.70
1.00	5.50	5.00	5.70	9.00	5.70
2.00	5.60	6.00	5.70	10.00	5.70
3.00	5.60	7.00	5.70		

Lake # 373 16 MAY 84
 Air Temperature: 14 (C)
 Cloud Cover: 0 /10
 Secchi Visibility: 5.4 (M)
 Inflow Temperature:
 Surface Temperature: 10.5 (C)
 Epilimnion Temperature: 10.5 (C)
 Planar-Thermocline : 2.5 (M)

(Day 136) Time: 10 01 CDT
 Wind: NW S - 10 KMPH
 Weather Description:
 Water Color: PALE -GREEN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 20 (M)
 Change at Planar-Thermo: 0.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.50	7.00	6.80	14.00	4.90
1.00	10.50	8.00	6.20	15.00	4.90
2.00	10.10	9.00	5.70	16.00	4.90
3.00	9.40	10.00	5.50	17.00	4.80
4.00	8.70	11.00	5.40	18.00	4.80
5.00	8.10	12.00	5.10	19.00	4.80
6.00	7.50	13.00	5.00	20.00	4.70

Lake # 373 1 JUN 84
 Air Temperature: 15.8 (C)
 Cloud Cover: 8 /10
 Secchi Visibility: 7.6 (M)
 Inflow Temperature:
 Surface Temperature: 13.4 (C)
 Epilimnion Temperature: 13.5 (C)
 Planar-Thermocline : 5.375 (M)

(Day 152) Time: 10 30 CDT
 Wind: SW S - 5 KMPH
 Weather Description:
 Water Color: PALE -GREEN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 5.375 (M)
 Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.40	6.50	10.50	10.00	8.20
1.00	13.50	6.75	9.80	11.00	5.90
2.00	13.00	7.00	9.30	12.00	5.60
3.00	13.00	7.25	8.70	13.00	5.50
4.00	12.90	7.50	8.50	14.00	5.40
5.00	12.00	7.75	8.20	15.00	5.10
5.25	12.00	8.00	7.90	16.00	5.00
5.50	11.00	8.25	7.30	17.00	4.90
5.75	11.70	8.50	7.00	18.00	4.90
6.00	11.20	8.75	6.90	19.00	4.80
6.25	10.80	9.00	6.70	20.00	4.80

Lake # 373 13 JUN 84
 Air Temperature: 11 (C)
 Cloud Cover: 10 /10
 Secchi Visibility: 6 (M)
 Inflow Temperature:
 Surface Temperature: 16 (C)
 Epilimnion Temperature: 16 (C)
 Planar-Thermocline : 6.875 (M)

(Day 164) Time: 09 00 CDT
 Wind: N 10 - 15 KMPH
 Weather Description: RAIN
 Water Color: PALE -GREEN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 5.375 (M)
 Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.00	6.25	12.50	11.00	6.40
1.00	16.00	6.50	11.60	12.00	6.00
2.00	16.00	6.75	10.80	13.00	5.80
3.00	15.80	7.00	9.80	14.00	5.60
4.00	15.70	7.25	9.10	15.00	5.40
5.00	15.00	7.50	8.80	16.00	5.40
5.25	14.90	7.75	8.50	17.00	5.20
5.50	14.40	8.00	8.10	18.00	5.10
5.75	13.90	9.00	7.30	19.00	5.10
6.00	13.30	10.00	6.90	20.00	5.00

Lake # 373 28 JUN 84
 Air Temperature: 17 (C)
 Cloud Cover: 7 /10
 Secchi Visibility: 8.1 (M)
 Inflow Temperature:
 Surface Temperature: 18.7 (C)
 Epilimnion Temperature: 18.8 (C)
 Planar-Thermocline : 7.125 (M)

(Day 179) Time: 10 31 CDT
 Wind: NW 20 - 25 KMPH
 Weather Description:
 Water Color: PALE -GREEN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 5.125 (M)
 Change at Planar-Thermo: 5.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.70	6.50	13.50	10.00	7.30
1.00	18.80	6.75	13.20	11.00	6.50
2.00	18.80	7.00	12.25	12.00	6.20
3.00	18.70	7.25	10.90	13.00	5.90
4.00	18.70	7.50	10.40	14.00	5.70
5.00	17.90	7.75	9.80	15.00	5.50
5.25	16.90	8.00	9.40	16.00	5.40
5.50	16.50	8.25	8.80	17.00	5.30
5.75	15.80	8.50	8.50	18.00	5.30
6.00	15.00	8.75	8.20	19.00	5.00
6.25	14.30	9.00	8.00	20.00	5.00

Lake # 373 11 JUL 84 (Day 192) Time: 10 38 CDT
 Air Temperature: 21.2 (C) Wind: W 0 - 5 KMPH
 Cloud Cover: 8 /10 Weather Description:
 Secchi Visibility: 10 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 21.2 (C)
 Epilimnion Temperature: 21 (C)
 Planar-Thermocline : 6.375 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 5.125 (M)
 Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.20	6.50	15.40	10.00	8.00
1.00	*21.00	6.75	14.10	11.00	7.30
2.00	20.80	7.00	13.30	12.00	6.80
3.00	20.70	7.25	12.70	13.00	6.40
4.00	20.40	7.50	12.15	14.00	6.10
5.00	20.10	7.75	11.40	15.00	5.90
5.25	19.70	8.00	10.70	16.00	5.70
5.50	19.40	8.25	10.00	17.00	5.60
5.75	19.10	8.50	9.30	18.00	5.40
6.00	18.20	8.75	9.20	19.00	5.10
6.25	16.90	9.00	8.80	20.00	5.10

Lake # 373 26 JUL 84 (Day 207) Time: 13 11 CDT
 Air Temperature: 23 (C) Wind: S 0 - 5 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 7.8 (M) Water Color: PALE
 Inflow Temperature:
 Surface Temperature: 22.3 (C)
 Epilimnion Temperature: 22.3 (C)
 Planar-Thermocline : 6.875 (M) Outflow Temperature:
 Epilimnion Depth (1 C/M): 5.125 (M)
 Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.30	6.75	17.00	9.75	8.80
1.00	22.30	7.00	15.50	10.00	9.50
2.00	22.30	7.25	14.30	11.00	7.70
3.00	22.10	7.50	13.40	12.00	7.00
4.00	22.00	7.75	12.90	13.00	6.50
5.00	21.70	8.00	12.15	14.00	6.30
5.25	21.30	8.25	11.50	15.00	6.00
5.50	21.10	8.50	10.70	16.00	5.80
5.75	20.70	8.75	10.40	17.00	5.70
6.00	19.60	9.00	9.80	18.00	5.60
6.25	18.70	9.25	9.30	19.00	5.40
6.50	17.60	9.50	9.00	19.75	5.40

Lake # 373 10 AUG 84 (Day 222) Time: 15 01 CDT
 Air Temperature: 25 (C) Wind: SW 10 - 15 KMPH
 Cloud Cover: 4 /10 Weather Description:
 Secchi Visibility: 9.4 (M) Water Color: PALE
 Inflow Temperature:
 Surface Temperature: 24.8 (C)
 Epilimnion Temperature: 24.7 (C) Epilimnion Depth (1 C/M): 5.125 (M)
 Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.80	7.25	16.00	10.75	8.10
1.00	24.70	7.50	15.00	11.00	7.90
2.00	24.70	7.75	14.30	11.25	7.60
3.00	24.60	8.00	13.60	11.50	7.50
4.00	24.60	8.25	13.10	11.75	7.30
5.00	24.00	8.50	12.50	12.00	7.20
5.25	23.60	8.75	11.95	13.00	6.80
5.50	23.10	9.00	11.00	14.00	6.50
5.75	22.50	9.25	10.10	15.00	6.20
6.00	21.70	9.50	9.50	16.00	5.70
6.25	20.60	9.75	9.30	17.00	5.60
6.50	19.30	10.00	9.00	18.00	5.50
6.75	18.40	10.25	8.60	19.00	5.40
7.00	17.20	10.50	8.40	19.50	5.40

Lake # 373 23 AUG 84 (Day 235) Time: 11 15 CDT
 Air Temperature: 15.5 (C) Wind: NE 10 - 15 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 5.8 (M) Water Color: GREEN
 Inflow Temperature:
 Surface Temperature: 21 (C) Outflow Temperature:
 Epilimnion Temperature: 21.2 (C) Epilimnion Depth (1 C/M): 6.625 (M)
 Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.00	7.50	16.50	10.50	9.20
1.00	21.20	7.75	15.40	10.75	8.90
2.00	21.20	8.00	14.50	11.00	8.60
3.00	21.30	8.25	13.90	12.00	7.70
4.00	21.30	8.50	13.20	13.00	7.10
5.00	21.30	8.75	12.50	14.00	6.70
6.00	21.30	9.00	11.95	15.00	6.40
6.25	21.20	9.25	11.00	16.00	6.20
6.50	21.30	9.50	10.70	17.00	5.90
6.75	20.40	9.75	10.20	18.00	5.70
7.00	19.70	10.00	9.90	19.00	5.60
7.25	19.00	10.25	9.30	20.00	5.50

Lake # 373 5 SEP 84 (Day 248) Time: 10 44 CDT
 Air Temperature: 15 (C) Wind: N 0 - 5 KMPH
 Cloud Cover: 3 /10 Weather Description:
 Secchi Visibility: 7.2 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 18.6 (C) Outflow Temperature:
 Epilimnion Temperature: 18.6 (C) Epilimnion Depth (1 C/M): 8.125 (M)
 Planar-Thermocline : 8.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.60	8.50	13.40	11.00	9.00
1.00	18.60	8.75	13.10	12.00	8.00
2.00	18.60	9.00	12.25	13.00	7.10
3.00	18.60	9.25	11.50	14.00	6.70
4.00	18.60	9.50	10.90	15.00	6.50
5.00	18.60	9.75	10.70	16.00	6.10
6.00	18.50	10.00	10.10	17.00	6.00
7.00	18.50	10.25	9.50	18.00	5.80
8.00	17.60	10.50	9.30	19.00	5.70
8.25	14.60	10.75	9.20	20.00	5.50

Lake # 373 20 SEP 84 (Day 263) Time: 13 48 CDT
 Air Temperature: 19.6 (C) Wind: SE 0 - 5 KMPH
 Cloud Cover: 1 /10 Weather Description:
 Secchi Visibility: 8.2 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 16.1 (C)
 Epilimnion Temperature: 15.8 (C) Epilimnion Depth (1 C/M): 9.125 (M)
 Planar-Thermocline : 10.125 (M) Change at Planar-Thermo: 5.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.10	9.25	14.30	11.75	8.30
1.00	15.80	9.50	13.90	12.00	8.00
2.00	15.60	9.75	13.00	13.00	7.30
3.00	15.50	10.00	11.95	14.00	6.70
4.00	15.40	10.25	10.50	15.00	6.40
5.00	15.40	10.50	10.10	16.00	6.20
6.00	15.20	10.75	9.30	17.00	5.90
7.00	15.00	11.00	9.10	18.00	5.80
8.00	14.90	11.25	8.70	19.00	5.70
9.00	14.60	11.50	8.50	19.75	5.60

Lake # 373 3 OCT 84 (Day 276) Time: 09 56 CDT
 Air Temperature: 9 (C) Wind: S 0 - 5 KMPH
 Cloud Cover: 2 /10 Weather Description:
 Secchi Visibility: 7.4 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 10.9 (C)
 Epilimnion Temperature: 10.9 (C) Epilimnion Depth (1 C/M): 12.125 (M)
 Planar-Thermocline : 12.625 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.90	8.00	10.80	13.00	7.80
1.00	10.90	9.00	10.80	14.00	7.00
2.00	10.90	10.00	10.70	15.00	6.60
3.00	10.90	11.00	10.50	16.00	6.30
4.00	10.90	12.00	10.30	17.00	6.10
5.00	10.90	12.25	9.60	18.00	5.90
6.00	10.90	12.50	9.60	19.00	5.80
7.00	10.80	12.75	8.50		

Lake # 373 23 OCT 84 (Day 296) Time: 12 26 CDT
 Air Temperature: 4 (C) Wind: W 10 - 15 KMPH
 Cloud Cover: 10 /10 Weather Description:
 Secchi Visibility: 6.2 (M) Water Color: BLUE -GREEN
 Inflow Temperature:
 Surface Temperature: 9 (C)
 Epilimnion Temperature: 9.2 (C) Epilimnion Depth (1 C/M): 15.125 (M)
 Planar-Thermocline : 15.375 (M) Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.00	8.00	9.20	15.25	8.20
1.00	9.20	9.00	9.20	15.50	7.40
2.00	9.20	10.00	9.20	15.75	7.20
3.00	9.20	11.00	9.20	16.00	6.60
4.00	9.20	12.00	9.20	17.00	6.10
5.00	9.20	13.00	9.10	18.00	5.90
6.00	9.20	14.00	9.00	19.00	5.80
7.00	9.20	15.00	8.70	19.75	5.70

Lake # 374 22 MAY 84
 Air Temperature: 12 (C)
 Cloud Cover: 10 /10
 Secchi Visibility: 5.2 (M)
 Inflow Temperature:
 Surface Temperature: 7.2 (C)
 Epilimnion Temperature: 7.2 (C)
 Planar-Thermocline : 22.5 (M)

(Day 142) Time: 09 15 CDT
 Wind: SW 15 - 20 KMPH
 Weather Description:
 Water Color: PALE -GREEN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 23 (M)
 Change at Planar-Thermo: 0.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.20	8.00	7.00	16.00	7.00
1.00	7.20	9.00	7.00	17.00	7.00
2.00	7.20	10.00	7.00	18.00	7.00
3.00	7.20	11.00	7.00	19.00	7.00
4.00	7.10	12.00	7.00	20.00	6.90
5.00	7.00	13.00	7.00	21.00	6.90
6.00	7.00	14.00	7.00	22.00	6.80
7.00	7.00	15.00	7.00	23.00	6.00

Lake # 374 20 JUN 84
 Air Temperature: 20 (C)
 Cloud Cover: 8 /10
 Secchi Visibility: 6.3 (M)
 Inflow Temperature:
 Surface Temperature: 17.3 (C)
 Epilimnion Temperature: 17.3 (C)
 Planar-Thermocline : 7.125 (M)

(Day 171) Time: 08 55 CDT
 Wind: 0 -
 Weather Description:
 Water Color: PALE -GREEN
 Outflow Temperature:
 Epilimnion Depth (1 C/M): 6.125 (M)
 Change at Planar-Thermo: 2.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.30	7.00	14.30	14.00	9.30
1.00	17.30	7.25	13.70	15.00	8.70
2.00	17.00	7.50	13.10	16.00	7.90
3.00	16.50	7.75	12.70	17.00	7.50
4.00	16.20	8.00	12.50	18.00	7.10
5.00	15.90	9.00	11.95	19.00	6.90
6.00	15.20	10.00	11.40	20.00	6.80
6.25	14.90	11.00	10.80	21.00	6.60
6.50	14.80	12.00	9.90	22.00	6.20
6.75	14.50	13.00	9.60	22.75	6.10

Lake # 374 17 JUL 84 (Day 198) Time: 11 18 CDT
 Air Temperature: 23 (C) Wind: W 15 - 20 KMPH
 Cloud Cover: 8 /10 Weather Description:
 Secchi Visibility: 5.2 (M) Water Color: GREEN
 Inflow Temperature:
 Surface Temperature: 20.6 (C)
 Epilimnion Temperature: 20.6 (C)
 Planar-Thermocline : 13.5 (M) Epilimnion Depth (1 C/M): 7.625 (M)
 Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.60	8.00	16.90	13.00	19.90
1.00	20.60	8.25	16.10	14.00	9.30
2.00	20.50	8.50	15.00	15.00	9.10
3.00	20.50	8.75	14.70	16.00	8.40
4.00	20.50	9.00	14.20	17.00	7.80
5.00	20.50	9.25	13.40	18.00	7.50
6.00	20.48	9.50	13.20	19.00	7.30
7.00	20.48	9.75	12.90	20.00	7.00
7.25	20.48	10.00	12.50	21.00	6.85
7.50	20.40	11.00	11.60	22.00	6.70
7.75	19.40	12.00	10.70		

Lake # 374 2 AUG 84 (Day 214) Time: 09 41 CDT
 Air Temperature: 25 (C) Wind: E 10 - 15 KMPH
 Cloud Cover: 0 /10 Weather Description:
 Secchi Visibility: 8.6 (M) Water Color: PALE -GREEN
 Inflow Temperature:
 Surface Temperature: 22.2 (C)
 Epilimnion Temperature: 22.2 (C)
 Planar-Thermocline : 9.375 (M) Epilimnion Depth (1 C/M): 7.125 (M)
 Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.20	8.50	16.20	14.00	9.00
1.00	22.20	8.75	15.40	15.00	8.50
2.00	22.10	9.00	14.60	16.00	8.10
3.00	22.00	9.25	14.20	17.00	7.80
4.00	21.90	9.50	13.50	18.00	7.50
5.00	21.50	9.75	12.70	19.00	7.20
6.00	21.30	10.00	12.35	20.00	7.00
7.00	20.90	10.25	11.70	21.00	6.80
7.25	20.50	10.50	11.50	22.00	6.60
7.50	20.50	10.75	11.20	23.00	6.40
7.75	19.60	11.00	11.00	24.00	6.10
8.00	19.70	12.00	10.20	24.50	6.00
8.25	17.60	13.00	9.40		

.....

Lake # 374 15 AUG 84 (Day 227) Time: 09 00 CDT
 Air Temperature: 19 (C) Wind: SE 25 - 30 KMPH
 Cloud Cover: 7 /10 Weather Description:
 Secchi Visibility: 5.9 (M) Water Color: PALE
 Inflow Temperature:
 Surface Temperature: 23.5 (C) Outflow Temperature:
 Epilimnion Temperature: 23.5 (C) Epilimnion Depth (1 C/M): 7.125 (M)
 Planar-Thermocline : 7.875 (M) Change at Planar-Thermocline: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.50	9.75	16.30	12.00	10.80
1.00	23.50	9.00	15.60	13.00	9.90
2.00	23.50	9.25	14.70	14.00	9.80
3.00	23.50	9.50	14.70	15.00	8.20
4.00	23.50	9.75	14.30	16.00	7.90
5.00	23.50	10.00	13.90	17.00	7.40
6.00	23.40	10.25	13.50	18.00	7.10
7.00	23.00	10.50	13.10	19.00	6.90
7.25	22.70	10.75	12.80	20.00	6.70
7.50	22.50	11.00	12.25	21.00	6.60
7.75	22.40	11.25	11.70	22.00	6.50
8.00	18.70	11.50	11.10	23.00	6.10
8.25	17.40	11.75	10.80	24.00	6.10
8.50	16.50				

~~~~~

Lake # 374            30 AUG 84            (Day 242 )            Time: 11 47 CDT  
 Air Temperature: 22 (C)            Wind: SW 20 - 25 KMPH  
 Cloud Cover: 2 /10            Weather Description:  
 Secchi Visibility: 9.2 (M)            Water Color: PALE -GREEN  
 Inflow Temperature:  
 Surface Temperature: 21.9 (C)  
 Epilimnion Temperature: 21.9 (C)  
 Planar-Thermocline : 9.875 (M)            Outflow Temperature:  
 Epilimnion Depth (1 C/M): 8.875 (M)  
 Change at Planar-Thermo: . (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 21.90              | 9.50         | 19.60              | 13.00        | 9.30               |
| 1.00         | 21.90              | 9.75         | 18.80              | 13.25        | 9.10               |
| 2.00         | 21.90              | 10.00        | 17.00              | 13.50        | 8.90               |
| 3.00         | 21.90              | 10.25        | 13.90              | 13.75        | 8.70               |
| 4.00         | 21.90              | 10.50        | 12.90              | 14.00        | 8.60               |
| 5.00         | 21.90              | 10.75        | 12.35              | 15.00        | 8.10               |
| 6.00         | 21.90              | 11.00        | 11.95              | 16.00        | 7.70               |
| 7.00         | 21.30              | 11.25        | 11.50              | 17.00        | 7.50               |
| 8.00         | 21.20              | 11.50        | 11.10              | 18.00        | 7.10               |
| 8.25         | 21.00              | 11.75        | 10.80              | 19.00        | 6.60               |
| 8.50         | 21.00              | 12.00        | 10.70              | 20.00        | 6.40               |
| 8.75         | 20.90              | 12.25        | 10.10              | 21.00        | 6.20               |
| 9.00         | 20.50              | 12.50        | 10.00              | 22.00        | 5.90               |
| 9.25         | 19.80              | 12.75        | 9.60               | 22.25        | 6.00               |

\*\*\*\*\*

Lake # 374              11 SEP 84              (Day 254 )              Time: 11 23 CDT  
 Air Temperature: 12 (C)              Wind: 0 0 - 0 KMPH  
 Cloud Cover: 10 /10              Weather Description:  
 Secchi Visibility: 6.4 (M)              Water Color: PALE -GREEN  
 Inflow Temperature:  
 Surface Temperature: 17.1 (C)  
 Epilimnion Temperature: 17.2 (C)  
 Planar-Thermocline : 11.125 (M)              Outflow Temperature:  
                                             Epilimnion Depth (1 C/M): 10.625 (M)  
                                             Change at Planar-Thermocline: 6.800 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 17.10              | 10.50        | 17.20              | 15.00        | 8.20               |
| 1.00         | 17.20              | 10.75        | 16.80              | 16.00        | 7.80               |
| 2.00         | 17.30              | 11.00        | 15.80              | 17.00        | 7.60               |
| 3.00         | 17.30              | 11.25        | 14.10              | 18.00        | 7.10               |
| 4.00         | 17.30              | 11.50        | 12.70              | 19.00        | 6.70               |
| 5.00         | 17.30              | 11.75        | 12.15              | 20.00        | 6.50               |
| 6.00         | 17.30              | 12.00        | 11.80              | 21.00        | 6.30               |
| 7.00         | 17.30              | 12.25        | 11.10              | 22.00        | 6.20               |
| 8.00         | 17.30              | 12.50        | 10.60              | 23.00        | 6.20               |
| 9.00         | 17.30              | 12.75        | 10.30              | 24.00        | 6.10               |
| 10.00        | 17.30              | 13.00        | 11.10              | 25.00        | 6.00               |
| 10.25        | 17.20              | 14.00        | 9.90               |              |                    |

\*\*\*\*\*

Lake # 374              9 OCT 84              (Day 282 )              Time: 11 00 CDT  
 Air Temperature: 10 (C)              Wind: NW 0 - 5 KMPH  
 Cloud Cover: 10 /10              Weather Description:  
 Secchi Visibility:  
 Inflow Temperature:  
 Surface Temperature: 11.1 (C)  
 Epilimnion Temperature: 11.1 (C)  
 Planar-Thermocline : 17.375 (M)              Water Color:  
                                             Outflow Temperature:  
                                             Epilimnion Depth (1 C/M): 16.5 (M)  
                                             Change at Planar-Thermocline: 2.400 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 11.10              | 10.00        | 10.70              | 17.50        | 8.40               |
| 1.00         | 11.10              | 11.00        | 10.70              | 17.75        | 8.10               |
| 2.00         | 11.10              | 12.00        | 10.60              | 18.00        | 7.80               |
| 3.00         | 10.90              | 13.00        | 10.60              | 19.00        | 7.30               |
| 4.00         | 10.90              | 14.00        | 10.50              | 20.00        | 6.50               |
| 5.00         | 10.90              | 15.00        | 10.50              | 21.00        | 6.40               |
| 6.00         | 10.90              | 16.00        | 10.50              | 22.00        | 6.30               |
| 7.00         | 10.80              | 17.00        | 9.50               | 23.00        | 6.10               |
| 8.00         | 10.80              | 17.25        | 9.00               | 24.00        | 6.10               |
| 9.00         | 10.80              |              |                    |              |                    |

\*\*\*\*\*

Lake # 374            23 OCT 84            (Day 296 )            Time: 09 31 CDT  
 Air Temperature: 4 (C)            Wind: SW 10 - 15 KMPH  
 Cloud Cover: 10 /10            Weather Description:  
 Secchi Visibility: 7.8 (M)            Water Color: BLUE -GREEN  
 Inflow Temperature:  
 Surface Temperature: 9.3 (C)  
 Epilimnion Temperature: 9.4 (C)  
 Planar-Thermocline : 19.875 (M)            Outflow Temperature:  
 Epilimnion Depth (1 C/M): 19.375 (M)  
 Change at Planar-Thermocline: 4.000 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 9.30               | 9.00         | 9.40               | 18.00        | 9.30               |
| 1.00         | 9.40               | 10.00        | 9.40               | 19.00        | 9.20               |
| 2.00         | 9.40               | 11.00        | 9.40               | 19.25        | 9.10               |
| 3.00         | 9.40               | 12.00        | 9.40               | 19.50        | 9.00               |
| 4.00         | 9.40               | 13.00        | 9.40               | 19.75        | 8.40               |
| 5.00         | 9.40               | 14.00        | 9.40               | 20.00        | 7.40               |
| 6.00         | 9.40               | 15.00        | 9.40               | 21.00        | 6.70               |
| 7.00         | 9.40               | 16.00        | 9.30               | 22.00        | 6.50               |
| 8.00         | 9.40               | 17.00        | 9.30               | 23.00        | 6.30               |

\*\*\*\*\*

Lake # 382                    16 MAY 84                    (Day 136 )                    Time: 08 57 CDT  
 Air Temperature: 12 (C)                    Wind: SW 5 - 10 KMPH  
 Cloud Cover: 0 /10                    Weather Description:  
 Secchi Visibility: 5 (M)                    Water Color: YELLOW  
 Inflow Temperature:  
 Surface Temperature: 10.6 (C)  
 Epilimnion Temperature: 10.6 (C)  
 Planar-Thermocline : 3.625 (M)                    Outflow Temperature:  
 Epilimnion Depth (1 C/M): 3.375 (M)  
 Change at Planar-Thermocline: 3.200 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 10.60              | 3.75         | 8.80               | 8.00         | 6.90               |
| 1.00         | 10.60              | 4.00         | 8.70               | 9.00         | 6.80               |
| 2.00         | 10.50              | 5.00         | 8.00               | 10.00        | 6.30               |
| 3.00         | 10.20              | 6.00         | 7.80               | 11.00        | 5.90               |
| 3.25         | 10.00              | 7.00         | 7.20               | 12.00        | 5.70               |
| 3.50         | 9.60               |              |                    |              |                    |

\*\*\*\*\*

Lake # 382                    30 MAY 84                    (Day 150 )                    Time: 14 33 CDT  
 Air Temperature: 22 (C)                    Wind: SW 5 - 10 KMPH  
 Cloud Cover: 3 /10                    Weather Description:  
 Secchi Visibility: 5.4 (M)                    Water Color: GREEN -YELLOW  
 Inflow Temperature:  
 Surface Temperature: 14.6 (C)  
 Epilimnion Temperature: 14.6 (C)  
 Planar-Thermocline : 6.125 (M)                    Outflow Temperature:  
 Epilimnion Depth (1 C/M): 2.125 (M)  
 Change at Planar-Thermocline: 4.800 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 14.60              | 5.25         | 11.90              | 7.25         | 7.20               |
| 1.00         | 14.60              | 5.50         | 11.60              | 7.50         | 6.90               |
| 2.00         | 14.40              | 5.75         | 11.20              | 7.75         | 6.70               |
| 2.25         | 14.10              | 6.00         | 10.10              | 8.00         | 6.60               |
| 2.50         | 13.60              | 6.25         | 8.90               | 9.00         | 6.30               |
| 2.75         | 13.20              | 6.50         | 8.30               | 10.00        | 6.10               |
| 3.00         | 13.00              | 6.75         | 7.90               | 11.00        | 5.90               |
| 4.00         | 12.50              | 7.00         | 7.60               | 12.00        | 5.90               |
| 5.00         | 12.10              |              |                    |              |                    |

\*\*\*\*\*

Lake # 382            13 JUN 84            (Day 164 )            Time: 09 25 CDT  
 Air Temperature: 14.5 (C)            Wind: 0 0 - 0 KMPH  
 Cloud Cover: 10 /10            Weather Description:  
 Secchi Visibility: 3.7 (M)            Water Color: YELLOW-BROWN  
 Inflow Temperature:  
 Surface Temperature: 16.8 (C)            Outflow Temperature:  
 Epilimnion Temperature: 16.8 (C)            Epilimnion Depth (1 C/M): 4.125 (M)  
 Planar-Thermocline : 5.125 (M)            Change at Planar-Thermo: 5.200 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 16.80              | 5.25         | 13.70              | 7.25         | 8.60               |
| 1.00         | 16.80              | 5.50         | 13.20              | 7.50         | 8.40               |
| 2.00         | 16.80              | 5.75         | 12.40              | 7.75         | 7.90               |
| 3.00         | 16.80              | 6.00         | 11.85              | 8.00         | 7.80               |
| 4.00         | 16.30              | 6.25         | 10.70              | 9.00         | 7.00               |
| 4.25         | 16.00              | 6.50         | 10.10              | 10.00        | 6.50               |
| 4.50         | 15.80              | 6.75         | 9.40               | 11.00        | 6.30               |
| 4.75         | 15.50              | 7.00         | 9.00               | 12.00        | 6.30               |
| 5.00         | 15.00              |              |                    |              |                    |

\*\*\*\*\*

Lake # 382            27 JUN 84            (Day 178 )            Time: 08 43 CDT  
 Air Temperature: 20 (C)            Wind: 0 0 - 0 KMPH  
 Cloud Cover: 10 /10            Weather Description:  
 Secchi Visibility: 3.8 (M)            Water Color: YELLOW  
 Inflow Temperature:  
 Surface Temperature: 19.6 (C)            Outflow Temperature:  
 Epilimnion Temperature: 19.6 (C)            Epilimnion Depth (1 C/M): 4.125 (M)  
 Planar-Thermocline : 5.375 (M)            Change at Planar-Thermo: 4.800 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 19.60              | 5.00         | 16.30              | 6.75         | 10.60              |
| 1.00         | 19.60              | 5.25         | 15.50              | 7.00         | 9.60               |
| 2.00         | 19.50              | 5.50         | 14.30              | 8.00         | 8.60               |
| 3.00         | 19.50              | 5.75         | 13.60              | 9.00         | 7.70               |
| 4.00         | 18.90              | 6.00         | 12.90              | 10.00        | 7.00               |
| 4.25         | 19.10              | 6.25         | 11.85              | 11.00        | 6.50               |
| 4.50         | 17.90              | 6.50         | 11.10              | 12.00        | 6.50               |
| 4.75         | 17.20              |              |                    |              |                    |

\*\*\*\*\*

Lake # 382            11 JUL 84            (Day 192 )            Time: 09 05 CDT  
 Air Temperature: 24 (C)            Wind: 0 0 - 0 KMPH  
 Cloud Cover: 7 /10            Weather Description:  
 Secchi Visibility: 5 (M)            Water Color: YELLOW-BROWN  
 Inflow Temperature:  
 Surface Temperature: 21.2 (C)  
 Epilimnion Temperature: 21.2 (C)  
 Planar-Thermocline : 5.125 (M)            Outflow Temperature:  
 Epilimnion Depth (1 C/M): 4.125 (M)  
 Change at Planar-Thermo: 6.400 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 21.20              | 5.25         | 16.80              | 7.25         | 9.40               |
| 1.00         | 21.20              | 5.50         | 15.70              | 7.50         | 9.10               |
| 2.00         | 21.20              | 5.75         | 14.40              | 7.75         | 8.80               |
| 3.00         | 20.70              | 6.00         | 13.50              | 8.00         | 8.60               |
| 4.00         | 20.10              | 6.25         | 12.15              | 9.00         | 7.70               |
| 4.25         | 19.70              | 6.50         | 11.70              | 10.00        | 7.20               |
| 4.50         | 19.40              | 6.75         | 11.00              | 11.00        | 6.80               |
| 4.75         | 19.10              | 7.00         | 10.40              | 12.00        | 6.60               |
| 5.00         | 18.40              |              |                    |              |                    |

\*\*\*\*\*

Lake # 382            25 JUL 84            (Day 206 )            Time: 08 57 CDT  
 Air Temperature: 19 (C)            Wind: 0 0 - 0 KMPH  
 Cloud Cover: 4 /10            Weather Description:  
 Secchi Visibility:  
 Inflow Temperature:  
 Surface Temperature: 22.2 (C)  
 Epilimnion Temperature: 22.3 (C)  
 Planar-Thermocline : 5.375 (M)            Water Color:  
 Outflow Temperature:  
 Epilimnion Depth (1 C/M): 4.875 (M)  
 Change at Planar-Thermo: 6.400 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 22.20              | 5.25         | 19.00              | 7.25         | 10.60              |
| 1.00         | 22.30              | 5.50         | 17.40              | 7.50         | 9.87               |
| 2.00         | 22.20              | 5.75         | 15.90              | 7.75         | 9.40               |
| 3.00         | 22.20              | 6.00         | 14.70              | 8.00         | 9.10               |
| 4.00         | 22.00              | 6.25         | 13.55              | 9.00         | 8.10               |
| 4.25         | 21.80              | 6.50         | 12.60              | 10.00        | 7.40               |
| 4.50         | 21.80              | 6.75         | 11.80              | 11.00        | 7.20               |
| 4.75         | 21.60              | 7.00         | 11.05              | 12.00        | 7.10               |
| 5.00         | 20.40              |              |                    |              |                    |

\*\*\*\*\*

Lake # 382            8 AUG 84            (Day 220 )            Time: 10 31 CDT  
 Air Temperature: 27 (C)            Wind: NW 5 - 10 KMPH  
 Cloud Cover: 6 /10            Weather Description:  
 Secchi Visibility: 3.6 (M)            Water Color: YELLOW-BROWN  
 Inflow Temperature:  
 Surface Temperature: 26.5 (C)  
 Epilimnion Temperature: 26.1 (C)  
 Planar-Thermocline : 5.625 (M)            Outflow Temperature:  
 Epilimnion Depth (1 C/M): 2.125 (M)  
 Change at Planar-Thermo: 7.200 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 26.50              | 4.50         | 22.60              | 7.50         | 10.70              |
| 1.00         | 26.10              | 4.75         | 21.80              | 7.75         | 10.00              |
| 2.00         | 25.80              | 5.00         | 21.00              | 8.00         | 9.40               |
| 2.25         | 25.40              | 5.25         | 20.30              | 8.25         | 9.00               |
| 2.50         | 25.10              | 5.50         | 19.10              | 8.50         | 8.80               |
| 2.75         | 24.90              | 5.75         | 17.30              | 8.75         | 8.50               |
| 3.00         | 24.70              | 6.00         | 15.80              | 9.00         | 8.20               |
| 3.25         | 24.30              | 6.25         | 14.80              | 10.00        | 7.70               |
| 3.50         | 24.00              | 6.50         | 13.90              | 11.00        | 7.30               |
| 3.75         | 23.60              | 6.75         | 12.70              | 12.00        | 7.00               |
| 4.00         | 23.40              | 7.00         | 11.70              | 12.25        | 6.70               |
| 4.25         | 23.00              | 7.25         | 11.00              |              |                    |

\*\*\*\*\*

Lake # 382            10 AUG 84            (Day 222 )            Time: 13 45 CDT  
 Air Temperature: 23 (C)            Wind: SW 10 - 15 KMPH  
 Cloud Cover: 7 /10            Weather Description:  
 Secchi Visibility: 3.6 (M)            Water Color: YELLOW-BROWN  
 Inflow Temperature:  
 Surface Temperature: 25.1 (C)  
 Epilimnion Temperature: 25 (C)  
 Planar-Thermocline : 6.125 (M)            Outflow Temperature:  
 Epilimnion Depth (1 C/M): 4.125 (M)  
 Change at Planar-Thermo: 7.200 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 25.10              | 5.50         | 19.40              | 8.00         | 9.30               |
| 1.00         | 25.00              | 5.75         | 18.20              | 8.25         | 8.90               |
| 2.00         | 24.90              | 6.00         | 16.70              | 8.50         | 8.70               |
| 3.00         | 24.80              | 6.25         | 14.90              | 8.75         | 8.40               |
| 4.00         | 23.90              | 6.50         | 13.60              | 9.00         | 8.00               |
| 4.25         | 23.40              | 6.75         | 12.90              | 10.00        | 7.60               |
| 4.50         | 22.90              | 7.00         | 12.05              | 11.00        | 7.20               |
| 4.75         | 22.40              | 7.25         | 11.40              | 12.00        | 7.00               |
| 5.00         | 21.50              | 7.50         | 10.80              | 12.25        | 6.70               |
| 5.25         | 20.40              | 7.75         | 10.10              |              |                    |

Lake # 382 22 AUG 84 (Day 234) Time: 10 00 CDT  
 Air Temperature: 21 (C) Wind: SW 10 - 15 KMPH  
 Cloud Cover: 2 /10 Weather Description:  
 Secchi Visibility: 5.5 (M) Water Color: PALE -YELLOW  
 Inflow Temperature: Outflow Temperature:  
 Surface Temperature: 22.3 (C)  
 Epilimnion Temperature: 22.3 (C) Epilimnion Depth (1 C/M): 5.375 (M)  
 Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 8.400 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 22.30              | 6.25         | 15.80              | 8.50         | 9.10               |
| 1.00         | 22.30              | 6.50         | 14.40              | 8.75         | 8.80               |
| 2.00         | 22.30              | 6.75         | 13.60              | 9.00         | 8.40               |
| 3.00         | 22.30              | 7.00         | 12.60              | 9.25         | 8.10               |
| 4.00         | 22.20              | 7.25         | 11.70              | 9.50         | 7.90               |
| 5.00         | 22.10              | 7.50         | 10.90              | 9.75         | 7.80               |
| 5.25         | 21.90              | 7.75         | 10.20              | 10.00        | 7.60               |
| 5.50         | 21.10              | 8.00         | 9.60               | 11.00        | 7.30               |
| 5.75         | 19.30              | 8.25         | 9.20               | 11.75        | 7.10               |
| 6.00         | 17.20              |              |                    |              |                    |

我說：「我沒有說過，我沒有說過。」

Lake # 382      6 SEP 84      (Day 249 )      Time: 04 04 CDT  
 Air Temperature: 20 (C)      Wind: SW 5 - 10 KMPH  
 Cloud Cover: 5 /10      Weather Description:  
 Secchi Visibility: 3.6 (M)      Water Color: PALE -GREEN  
 Inflow Temperature:  
 Surface Temperature: 18.4 (C)  
 Epilimnion Temperature: 18.4 (C)      Epilimnion Depth (1 C/M): 6.125 (M)  
 Planar-Thermocline : 6.625 (M)      Change at Planar-Thermo: 6.800 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 18.40              | 6.75         | 15.60              | 8.75         | 9.30               |
| 1.00         | 18.40              | 7.00         | 14.30              | 9.00         | 9.90               |
| 2.00         | 18.40              | 7.25         | 13.10              | 9.25         | 8.30               |
| 3.00         | 18.40              | 7.50         | 12.15              | 9.50         | 8.30               |
| 4.00         | 18.40              | 7.75         | 11.10              | 9.75         | 8.10               |
| 5.00         | 18.10              | 8.00         | 10.50              | 10.00        | 7.90               |
| 6.00         | 18.00              | 8.25         | 9.80               | 11.00        | 7.50               |
| 6.25         | 17.60              | 8.50         | 9.40               | 11.50        | 7.30               |
| 6.50         | 17.30              |              |                    |              |                    |

\*\*\*\*\*

Lake # 623            1 JUN 84            (Day 152 )            Time: 09 26 CDT  
 Air Temperature: 17.3 (C)            Wind: SW 0 - 5 KMPH  
 Cloud Cover: 9 /10            Weather Description:  
 Secchi Visibility: 4.8 (M)            Water Color: GREEN  
 Inflow Temperature:  
 Surface Temperature: 14.5 (C)            Outflow Temperature:  
 Epilimnion Temperature: 14.5 (C)            Epilimnion Depth (1 C/M): 3.625 (M)  
 Planar-Thermocline : 3.625 (M)            Change at Planar-Thermo: 4.600 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 14.50              | 5.50         | 11.95              | 10.00        | 6.00               |
| 1.00         | 14.50              | 5.75         | 10.80              | 11.00        | 5.70               |
| 2.00         | 14.40              | 6.00         | 9.90               | 12.00        | 5.40               |
| 3.00         | 14.30              | 6.25         | 9.30               | 13.00        | 5.10               |
| 3.25         | 14.30              | 6.50         | 8.80               | 14.00        | 5.00               |
| 3.50         | 14.30              | 6.75         | 8.40               | 15.00        | 4.90               |
| 3.75         | 13.90              | 7.00         | 8.00               | 16.00        | 4.80               |
| 4.00         | 13.10              | 7.25         | 7.60               | 17.00        | 4.80               |
| 4.25         | 13.00              | 7.50         | 7.40               | 18.00        | 4.70               |
| 4.50         | 12.80              | 7.75         | 7.20               | 19.00        | 4.70               |
| 4.75         | 12.70              | 8.00         | 7.10               | 20.00        | 4.70               |
| 5.00         | 12.50              | 9.00         | 6.50               | 20.50        | 4.70               |
| 5.25         | 12.15              |              |                    |              |                    |

\*\*\*\*\*

Lake # 623            13 JUN 84            (Day 164 )            Time: 10 12 CDT  
 Air Temperature: 15 (C)            Wind: N 10 - 15 KMPH  
 Cloud Cover: 10 /10            Weather Description:  
 Secchi Visibility: 5.6 (M)            Water Color: GREEN  
 Inflow Temperature:  
 Surface Temperature: 16.5 (C)            Outflow Temperature:  
 Epilimnion Temperature: 16.6 (C)            Epilimnion Depth (1 C/M): 5.125 (M)  
 Planar-Thermocline : 5.625 (M)            Change at Planar-Thermo: 5.200 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 16.50              | 6.25         | 10.80              | 11.00        | 5.90               |
| 1.00         | 16.60              | 6.50         | 9.50               | 12.00        | 5.60               |
| 2.00         | 16.60              | 6.75         | 9.20               | 13.00        | 5.50               |
| 3.00         | 16.50              | 7.00         | 8.50               | 14.00        | 5.30               |
| 4.00         | 16.20              | 7.25         | 8.00               | 15.00        | 5.20               |
| 5.00         | 15.50              | 7.50         | 7.80               | 16.00        | 5.10               |
| 5.25         | 14.80              | 7.75         | 7.50               | 17.00        | 5.10               |
| 5.50         | 14.00              | 8.00         | 7.30               | 18.00        | 5.00               |
| 5.75         | 12.70              | 9.00         | 6.80               | 19.00        | 4.90               |
| 6.00         | 11.60              | 10.00        | 6.20               | 20.00        | 4.90               |

Lake # 623            28 JUN 84  
 Air Temperature: 16 (C)  
 Cloud Cover: 6 /10  
 Secchi Visibility: 5.2 (M)  
 Inflow Temperature:  
 Surface Temperature: 18.9 (C)  
 Epilimnion Temperature: 19 (C)  
 Planar-Thermocline : 5.875 (M)

(Day 179 )            Time: 09 29 CDT  
 Wind: NW 15 - 20 KMPH  
 Weather Description:  
 Water Color: PALE -YELLOW  
 Outflow Temperature:  
 Epilimnion Depth (1 C/M): 4.125 (M)  
 Change at Planar-Thermocline: 4.900 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 18.90              | 5.00         | 12.90              | 11.00        | 6.20               |
| 1.00         | 19.00              | 5.25         | 12.25              | 12.00        | 5.80               |
| 2.00         | 18.90              | 5.50         | 11.60              | 13.00        | 5.60               |
| 3.00         | 18.90              | 5.75         | 10.80              | 14.00        | 5.40               |
| 4.00         | 18.90              | 7.00         | 10.10              | 15.00        | 5.10               |
| 4.25         | 18.60              | 7.25         | 9.20               | 16.00        | 5.00               |
| 4.50         | 18.50              | 7.50         | 8.80               | 17.00        | 5.00               |
| 4.75         | 17.80              | 7.75         | 8.30               | 18.00        | 4.90               |
| 5.00         | 17.00              | 8.00         | 8.00               | 19.00        | 4.90               |
| 5.25         | 16.00              | 9.00         | 7.30               | 20.00        | 4.90               |
| 5.50         | 15.10              | 10.00        | 6.50               | 21.00        | 4.80               |
| 5.75         | 14.10              |              |                    |              |                    |

Lake # 623            11 JUL 84  
 Air Temperature: 21.6 (C)  
 Cloud Cover: 8 /10  
 Secchi Visibility: 6.8 (M)  
 Inflow Temperature:  
 Surface Temperature: 21.6 (C)  
 Epilimnion Temperature: 21.4 (C)  
 Planar-Thermocline : 5.875 (M)

(Day 192 )            Time: 09 13 CDT  
 Wind: 0 0 - 0 KMPH  
 Weather Description:  
 Water Color: GREEN -YELLOW  
 Outflow Temperature:  
 Epilimnion Depth (1 C/M): 4.125 (M)  
 Change at Planar-Thermocline: 7.600 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 21.60              | 5.25         | 12.90              | 10.00        | 6.80               |
| 1.00         | 21.40              | 5.50         | 12.15              | 11.00        | 6.40               |
| 2.00         | 21.30              | 5.75         | 11.40              | 12.00        | 6.00               |
| 3.00         | 21.10              | 7.00         | 10.80              | 13.00        | 5.70               |
| 4.00         | 20.50              | 7.25         | 10.00              | 14.00        | 5.60               |
| 4.25         | 20.20              | 7.50         | 9.30               | 15.00        | 5.40               |
| 4.50         | 20.00              | 7.75         | 9.10               | 16.00        | 5.10               |
| 4.75         | 19.70              | 8.00         | 8.50               | 17.00        | 5.00               |
| 5.00         | 19.10              | 8.25         | 8.00               | 18.00        | 5.00               |
| 5.25         | 18.20              | 8.50         | 7.90               | 19.00        | 5.00               |
| 5.50         | 17.30              | 8.75         | 7.70               | 20.00        | 4.90               |
| 5.75         | 16.20              | 9.00         | 7.50               | 20.50        | 4.90               |
| 6.00         | 14.30              |              |                    |              |                    |

.....

Lake # 623              26 JUL 84      (Day 207)              Time: 09:24 CDT  
 Air Temperature: 19 (C)      Wind: S 10 - 15 KMPH  
 Cloud Cover: 8 /10      Weather Description:  
 Secchi Visibility: 4.9 (M)      Water Color: PALE -YELLOW  
 Inflow Temperature:  
 Surface Temperature: 22.2 (C)  
 Epilimnion Temperature: 22.4 (C)  
 Planar-Thermocline: 5.375 (M)      Outflow Temperature:  
                                                 Epilimnion Depth (1 C/M): 4.625 (M)  
                                                 Change at Planar-Thermo: 8.000 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 22.20              | 6.00         | 15.80              | 11.00        | 6.30               |
| 1.00         | 22.40              | 6.25         | 14.40              | 12.00        | 6.00               |
| 2.00         | 22.30              | 6.50         | 12.90              | 13.00        | 5.70               |
| 3.00         | 22.30              | 6.75         | 12.35              | 14.00        | 5.50               |
| 4.00         | 22.00              | 7.00         | 11.20              | 15.00        | 5.40               |
| 4.25         | 21.90              | 7.25         | 10.70              | 16.00        | 5.10               |
| 4.50         | 21.70              | 7.50         | 9.60               | 17.00        | 5.10               |
| 4.75         | 21.40              | 7.75         | 9.20               | 18.00        | 5.00               |
| 5.00         | 20.50              | 8.00         | 9.00               | 19.00        | 4.80               |
| 5.25         | 19.90              | 9.00         | 8.10               | 20.00        | 4.80               |
| 5.50         | 17.90              | 10.00        | 7.20               | 20.50        | 4.70               |
| 5.75         | 17.30              |              |                    |              |                    |

\*\*\*\*\*

Lake # 623                    8 AUG 84  
 Air Temperature: 25.5 (C)  
 Cloud Cover: 1 /10  
 Secchi Visibility: 7.2 (M)  
 Inflow Temperature:  
 Surface Temperature: 25.9 (C)  
 Epilimnion Temperature: 25.8 (C)  
 Planar-Thermocline : 5.125 (M)

(Day 220 )                    Time: 09 34 CDT  
 Wind: 0 0 - 0 KMPH  
 Weather Description:  
 Water Color: PALE -GREEN  
 Outflow Temperature:  
 Epilimnion Depth (1 C/M): 3.125 (M)  
 Change at Planar-Thermocline: 8.000 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 25.90              | 5.75         | 18.40              | 9.00         | 9.10               |
| 1.00         | 25.80              | 6.00         | 17.00              | 10.00        | 7.40               |
| 2.00         | 25.70              | 6.25         | 15.70              | 11.00        | 6.60               |
| 3.00         | 24.95              | 6.50         | 14.50              | 12.00        | 6.10               |
| 3.25         | 24.60              | 6.75         | 13.40              | 13.00        | 5.80               |
| 3.50         | 24.30              | 7.00         | 12.05              | 14.00        | 5.50               |
| 3.75         | 24.00              | 7.25         | 11.50              | 15.00        | 5.40               |
| 4.00         | 23.65              | 7.50         | 10.90              | 16.00        | 5.10               |
| 4.25         | 23.30              | 7.75         | 10.20              | 17.00        | 5.10               |
| 4.50         | 22.90              | 8.00         | 9.60               | 18.00        | 5.05               |
| 4.75         | 22.60              | 8.25         | 9.20               | 19.00        | 5.00               |
| 5.00         | 22.70              | 8.50         | 8.80               | 20.00        | 5.00               |
| 5.25         | 20.70              | 8.75         | 8.50               | 20.50        | 5.00               |
| 5.50         | 19.50              |              |                    |              |                    |

\*\*\*\*\*

Lake # 623                    5 SEP 84                    (Day 248 )                    Time: 09 20 CDT  
 Air Temperature: 13 (C)                                      Wind: N 0 - 5 KMPH  
 Cloud Cover: 3 /10                                      Weather Description:  
 Secchi Visibility: 5.2 (M)                              Water Color: PALE -GREEN  
 Inflow Temperature:  
 Surface Temperature: 17.7 (C)  
 Epilimnion Temperature: 17.9 (C)  
 Planar-Thermocline : 6.875 (M)                              Outflow Temperature:  
                                                                     Epilimnion Depth (1 C/M): 6.125 (M)  
                                                                     Change at Planar-Thermo: 6.400 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 17.70              | 7.25         | 13.30              | 10.00        | 7.30               |
| 1.00         | 17.90              | 7.50         | 12.50              | 11.00        | 6.70               |
| 2.00         | 17.90              | 7.75         | 11.60              | 12.00        | 6.30               |
| 3.00         | 17.90              | 8.00         | 10.90              | 13.00        | 6.00               |
| 4.00         | 18.00              | 8.25         | 10.40              | 14.00        | 5.70               |
| 5.00         | 18.00              | 8.50         | 9.80               | 15.00        | 5.50               |
| 6.00         | 18.00              | 8.75         | 9.30               | 16.00        | 5.40               |
| 6.25         | 17.40              | 9.00         | 9.10               | 17.00        | 5.40               |
| 6.50         | 17.10              | 9.25         | 8.20               | 18.00        | 5.10               |
| 6.75         | 16.30              | 9.50         | 7.80               | 19.00        | 5.10               |
| 7.00         | 14.70              | 9.75         | 7.50               | 20.00        | 5.10               |

\*\*\*\*\*

Lake # 623                    3 OCT 84                    (Day 276 )                    Time: 09 01 CDT  
 Air Temperature: 10 (C)                                      Wind: S 10 - 15 KMPH  
 Cloud Cover: 2 /10                                      Weather Description:  
 Secchi Visibility: 4.1 (M)                              Water Color: PALE -GREEN  
 Inflow Temperature:  
 Surface Temperature: 10.3 (C)  
 Epilimnion Temperature: 10.2 (C)  
 Planar-Thermocline : 10.125 (M)                              Outflow Temperature:  
                                                                     Epilimnion Depth (1 C/M): 10.125 (M)  
                                                                     Change at Planar-Thermo: 3.200 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 10.30              | 8.00         | 10.20              | 13.00        | 5.10               |
| 1.00         | 10.20              | 9.00         | 10.00              | 14.00        | 5.80               |
| 2.00         | 10.20              | 10.00        | 9.20               | 15.00        | 5.70               |
| 3.00         | 10.20              | 10.25        | 8.40               | 16.00        | 5.60               |
| 4.00         | 10.20              | 10.50        | 7.80               | 17.00        | 5.40               |
| 5.00         | 10.20              | 10.75        | 7.40               | 18.00        | 5.40               |
| 6.00         | 10.20              | 11.00        | 7.00               | 19.00        | 5.40               |
| 7.00         | 10.20              | 12.00        | 5.40               | 20.00        | 5.40               |

\*\*\*\*\*

Lake # 623      24 OCT 84      (Day 297)      Time: 09 25 CDT  
 Air Temperature: 4 (C)      Wind: S 10 - 15 KMPH  
 Cloud Cover: 10 /10      Weather Description: SNOWING  
 Secchi Visibility: 3.8 (M)      Water Color: GREEN  
 Inflow Temperature:  
 Surface Temperature: 8.6 (C)  
 Epilimnion Temperature: 8.5 (C)  
 Planar-Thermocline : 12.125 (M)      Epilimnion Depth (1 C/M): 12.125 (M)  
 Change at Planar-Thermo: 4.000 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 8.60               | 9.00         | 8.50               | 14.00        | 5.70               |
| 1.00         | 8.50               | 10.00        | 8.40               | 15.00        | 5.60               |
| 2.00         | 8.50               | 11.00        | 8.20               | 16.00        | 5.50               |
| 3.00         | 8.50               | 12.00        | 8.10               | 17.00        | 5.50               |
| 4.00         | 8.50               | 12.25        | 7.10               | 18.00        | 5.50               |
| 5.00         | 8.50               | 12.50        | 7.00               | 19.00        | 5.40               |
| 6.00         | 8.50               | 12.75        | 6.90               | 20.00        | 5.40               |
| 7.00         | 8.50               | 13.00        | 6.20               | 20.50        | 5.10               |
| 8.00         | 8.50               |              |                    |              |                    |

\*\*\*\*\*

Lake # 629            22 MAY 84  
 Air Temperature: 14 (C)  
 Cloud Cover: 10 /10  
 Secchi Visibility: 3.4 (M)  
 Inflow Temperature:  
 Surface Temperature: 10.4 (C)  
 Epilimnion Temperature: 10.4 (C)  
 Planar-Thermocline : 5.375 (M)

(Day 142 )            Time: 09 53 CDT  
 Wind: SW 10 - 15 KMPH  
 Weather Description:  
 Water Color: PALE -GREEN -YELLOW  
 Outflow Temperature:  
 Epilimnion Depth (1 C/M): 5.125 (M)  
 Change at Planar-Thermo: 2.400 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 10.40              | 6.00         | 8.80               | 12.00        | 5.60               |
| 1.00         | 10.40              | 7.00         | 8.40               | 13.00        | 5.60               |
| 2.00         | 10.40              | 7.25         | 8.00               | 14.00        | 5.50               |
| 3.00         | 10.40              | 7.50         | 7.80               | 15.00        | 5.40               |
| 4.00         | 10.40              | 7.75         | 7.60               | 16.00        | 5.40               |
| 5.00         | 10.30              | 8.00         | 7.20               | 17.00        | 5.00               |
| 5.25         | 9.80               | 9.00         | 6.60               | 18.00        | 5.00               |
| 5.50         | 9.20               | 10.00        | 5.90               | 19.00        | 5.00               |
| 5.75         | 9.00               | 11.00        | 5.60               |              |                    |

\*\*\*\*\*

Lake # 629            7 JUN 84  
 Air Temperature: 15.5 (C)  
 Cloud Cover: 10 /10  
 Secchi Visibility: 4.8 (M)  
 Inflow Temperature:  
 Surface Temperature: 15.2 (C)  
 Epilimnion Temperature: 15.1 (C)  
 Planar-Thermocline : 5.125 (M)

(Day 158 )            Time: 15 37 CDT  
 Wind: NE 10 - 15 KMPH  
 Weather Description: RAIN  
 Water Color: YELLOW  
 Outflow Temperature:  
 Epilimnion Depth (1 C/M): 5.125 (M)  
 Change at Planar-Thermo: 7.200 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 15.20              | 6.75         | 11.00              | 9.75         | 7.20               |
| 1.00         | 15.10              | 7.00         | 10.60              | 10.00        | 6.90               |
| 2.00         | 15.10              | 7.25         | 9.90               | 11.00        | 6.40               |
| 3.00         | 15.00              | 7.50         | 9.50               | 12.00        | 6.10               |
| 4.00         | 15.00              | 7.75         | 9.30               | 13.00        | 5.80               |
| 5.00         | 14.90              | 8.00         | 9.20               | 14.00        | 5.60               |
| 5.25         | 13.10              | 8.25         | 8.70               | 15.00        | 5.50               |
| 5.50         | 12.40              | 8.50         | 8.40               | 16.00        | 5.40               |
| 5.75         | 12.25              | 8.75         | 8.20               | 17.00        | 5.10               |
| 6.00         | 12.05              | 9.00         | 7.90               | 18.00        | 5.10               |
| 6.25         | 11.60              | 9.25         | 7.70               | 19.00        | 5.10               |
| 6.50         | 11.40              | 9.50         | 7.50               |              |                    |

\*\*\*\*\*

Lake # 629            19 JUN 84            (Day 170 )            Time: 10 44 CDT  
 Air Temperature: 18.4 (C)            Wind: NW 15 - 20 KMPH  
 Cloud Cover: 8 /10            Weather Description:  
 Secchi Visibility: 3.2 (M)            Water Color: YELLOW-BROWN  
 Inflow Temperature:  
 Surface Temperature: 18.1 (C)            Outflow Temperature:  
 Epilimnion Temperature: 18.1 (C)            Epilimnion Depth (1 C/M): 2.125 (M)  
 Planar-Thermocline : 7.875 (M)            Change at Planar-Thermo: 7.200 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 18.10              | 6.75         | 13.70              | 9.75         | 7.30               |
| 1.00         | 18.10              | 7.00         | 12.90              | 10.00        | 7.00               |
| 2.00         | 17.30              | 7.25         | 12.40              | 11.00        | 6.30               |
| 2.25         | 16.60              | 7.50         | 11.80              | 12.00        | 5.90               |
| 2.50         | 16.30              | 7.75         | 11.40              | 13.00        | 5.60               |
| 2.75         | 16.20              | 8.00         | 9.60               | 14.00        | 5.40               |
| 3.00         | 16.10              | 8.25         | 9.00               | 15.00        | 5.20               |
| 4.00         | 15.80              | 8.50         | 8.70               | 16.00        | 5.10               |
| 5.00         | 14.90              | 8.75         | 8.40               | 17.00        | 5.10               |
| 6.00         | 14.90              | 9.00         | 8.10               | 18.00        | 5.00               |
| 6.25         | 14.60              | 9.25         | 7.80               | 19.00        | 5.00               |
| 6.50         | 14.00              | 9.50         | 7.50               |              |                    |

\*\*\*\*\*

Lake # 629              5 JUL 84              (Day 186)              Time: 12:41 CDT  
 Air Temperature: 18 (C)              Wind: SW 15 - 20 KMPH  
 Cloud Cover: 9 /10              Weather Description:  
 Secchi Visibility: 5.8 (M)              Water Color: YELLOW  
 Inflow Temperature:  
 Surface Temperature: 20.4 (C)  
 Epilimnion Temperature: 20.5 (C)  
 Planar-Thermocline : 5.625 (M)              Outflow Temperature:  
                                                     Epilimnion Depth (1 C/M): 3.625 (M)  
                                                     Change at Planar-Thermo: 4.400 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 20.40              | 5.75         | 14.60              | 9.25         | 7.80               |
| 1.00         | 20.50              | 6.00         | 14.00              | 9.50         | 7.70               |
| 2.00         | 20.50              | 6.25         | 13.30              | 9.75         | 7.40               |
| 3.00         | 20.60              | 6.50         | 12.90              | 10.00        | 7.20               |
| 3.25         | 20.60              | 6.75         | 12.05              | 11.00        | 6.60               |
| 3.50         | 20.60              | 7.00         | 11.40              | 12.00        | 6.20               |
| 3.75         | 20.30              | 7.25         | 10.80              | 13.00        | 5.90               |
| 4.00         | 19.30              | 7.50         | 10.40              | 14.00        | 5.70               |
| 4.25         | 18.80              | 7.75         | 9.80               | 15.00        | 5.50               |
| 4.50         | 18.60              | 8.00         | 9.30               | 16.00        | 5.40               |
| 4.75         | 18.10              | 8.25         | 9.10               | 17.00        | 5.10               |
| 5.00         | 17.40              | 8.50         | 8.80               | 18.00        | 5.10               |
| 5.25         | 16.60              | 8.75         | 8.50               | 19.00        | 5.10               |
| 5.50         | 15.70              | 9.00         | 8.20               | 19.25        | 5.10               |

\*\*\*\*\*

Lake # 629            17 JUL 84            (Day 198 )            Time: 09 45 CDT  
 Air Temperature: 21 (C)            Wind: S 10 - 15 KMPH  
 Cloud Cover: 8 /10            Weather Description:  
 Secchi Visibility: 4.5 (M)            Water Color: YELLOW-BROWN  
 Inflow Temperature:  
 Surface Temperature: 20.5 (C)  
 Epilimnion Temperature: 20.7 (C)  
 Planar-Thermocline : 5.375 (M)            Outflow Temperature:  
 Epilimnion Depth (1 C/M): 5.125 (M)  
 Change at Planar-Thermocline: 6.400 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 20.50              | 6.50         | 13.30              | 10.00        | 7.60               |
| 1.00         | 20.70              | 6.75         | 12.60              | 11.00        | 6.90               |
| 2.00         | 20.70              | 7.00         | 12.05              | 12.00        | 6.50               |
| 3.00         | 20.70              | 7.25         | 11.20              | 13.00        | 6.10               |
| 4.00         | 20.70              | 7.50         | 11.00              | 14.00        | 5.90               |
| 5.00         | 20.30              | 7.75         | 10.70              | 15.00        | 5.70               |
| 5.25         | 19.00              | 8.00         | 9.90               | 16.00        | 5.60               |
| 5.50         | 17.40              | 8.25         | 9.40               | 17.00        | 5.50               |
| 5.75         | 16.50              | 8.50         | 9.10               | 18.00        | 5.40               |
| 6.00         | 15.20              | 8.75         | 8.80               | 19.00        | 5.40               |
| 6.25         | 14.30              | 9.00         | 8.50               |              |                    |

\*\*\*\*\*

Lake # 629            2 AUG 84            (Day 214 )            Time: 10 52 CDT  
 Air Temperature: 26 (C)            Wind: E 10 - 15 KMPH  
 Cloud Cover: 1 /10            Weather Description:  
 Secchi Visibility: 6.8 (M)            Water Color: YELLOW  
 Inflow Temperature:  
 Surface Temperature: 23.2 (C)  
 Epilimnion Temperature: 23 (C)  
 Planar-Thermocline : 5.375 (M)            Outflow Temperature:  
 Epilimnion Depth (1 C/M): 5.125 (M)  
 Change at Planar-Thermocline: 6.400 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 23.20              | 6.75         | 13.60              | 9.75         | 8.10               |
| 1.00         | 23.00              | 7.00         | 12.80              | 10.00        | 7.80               |
| 2.00         | 22.80              | 7.25         | 12.15              | 11.00        | 7.10               |
| 3.00         | 22.70              | 7.50         | 11.50              | 12.00        | 6.60               |
| 4.00         | 22.50              | 7.75         | 11.10              | 13.00        | 6.20               |
| 5.00         | 21.90              | 8.00         | 10.80              | 14.00        | 6.00               |
| 5.25         | 21.00              | 8.25         | 10.10              | 15.00        | 5.80               |
| 5.50         | 19.40              | 8.50         | 9.60               | 16.00        | 5.60               |
| 5.75         | 18.00              | 8.75         | 9.20               | 17.00        | 5.50               |
| 6.00         | 16.90              | 9.00         | 9.10               | 18.00        | 5.50               |
| 6.25         | 15.60              | 9.25         | 8.70               | 19.00        | 5.40               |
| 6.50         | 14.70              | 9.50         | 8.40               | 20.00        | 5.10               |

\*\*\*\*\*

Lake # 629            14 AUG 84  
 Air Temperature: 25 (C)  
 Cloud Cover: 5 /10  
 Secchi Visibility: 6.3 (M)  
 Inflow Temperature:  
 Surface Temperature: 23.5 (C)  
 Epilimnion Temperature: 23.5 (C)  
 Planar-Thermocline : 7.125 (M)

(Day 226 )            Time: 09 38 CDT  
 Wind: SE 10 - 15 KMPH  
 Weather Description:  
 Water Color: YELLOW  
 Outflow Temperature:  
 Epilimnion Depth (1 C/M): 4.5 (M)  
 Change at Planar-Thermo: . (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 23.50              | 6.50         | 14.90              | 10.00        | 7.90               |
| 1.00         | 23.50              | 6.75         | 13.60              | 11.00        | 7.10               |
| 2.00         | 23.40              | 7.00         | 13.00              | 12.00        | 6.60               |
| 3.00         | 23.40              | 7.25         | 12.00              | 13.00        | 6.20               |
| 4.00         | 23.30              | 7.50         | 11.80              | 14.00        | 6.00               |
| 5.00         | 22.00              | 7.75         | 11.10              | 15.00        | 5.80               |
| 5.25         | 21.10              | 8.00         | 10.70              | 16.00        | 5.60               |
| 5.50         | 19.90              | 8.25         | 9.90               | 17.00        | 5.50               |
| 5.75         | 18.00              | 8.50         | 9.20               | 18.00        | 5.40               |
| 6.00         | 17.10              | 8.75         | 9.00               | 18.75        | 5.40               |
| 6.25         | 16.00              | 9.00         | 8.80               |              |                    |

\*\*\*\*\*

Lake # 629            30 AUG 84  
 Air Temperature: 22 (C)  
 Cloud Cover: 9 /10  
 Secchi Visibility: 6.2 (M)  
 Inflow Temperature:  
 Surface Temperature: 21.6 (C)  
 Epilimnion Temperature: 21.6 (C)  
 Planar-Thermocline : 6.375 (M)

(Day 242 )            Time: 10 45 CDT  
 Wind: SW 10 - 15 KMPH  
 Weather Description:  
 Water Color: PALE -GREEN  
 Outflow Temperature:  
 Epilimnion Depth (1 C/M): 5.125 (M)  
 Change at Planar-Thermo: 6.800 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 21.60              | 6.75         | 15.50              | 9.75         | 8.20               |
| 1.00         | 21.60              | 7.00         | 14.30              | 10.00        | 7.80               |
| 2.00         | 21.60              | 7.25         | 13.40              | 11.00        | 7.10               |
| 3.00         | 21.50              | 7.50         | 12.50              | 12.00        | 6.50               |
| 4.00         | 21.40              | 7.75         | 11.60              | 13.00        | 6.30               |
| 5.00         | 21.30              | 8.00         | 10.80              | 14.00        | 6.20               |
| 5.25         | 20.80              | 8.25         | 10.20              | 15.00        | 5.90               |
| 5.50         | 20.50              | 8.50         | 9.80               | 16.00        | 5.70               |
| 5.75         | 20.30              | 8.75         | 9.30               | 17.00        | 5.50               |
| 6.00         | 19.80              | 9.00         | 9.10               | 18.00        | 5.50               |
| 6.25         | 18.80              | 9.25         | 8.80               | 19.50        | 5.50               |
| 6.50         | 17.10              | 9.50         | 8.60               |              |                    |

\*\*\*\*\*

Lake # 629              11 SEP 84      (Day 254 )      Time: 09 59 CDT  
 Air Temperature: 12.5 (C)      Wind: E 0 - 5 KMPH  
 Cloud Cover: 10 /10      Weather Description:  
 Secchi Visibility: 4.8 (M)      Water Color: GREEN -YELLOW  
 Inflow Temperature:  
 Surface Temperature: 16.4 (C)  
 Epilimnion Temperature: 16.5 (C)  
 Planar-Thermocline : 7.625 (M)      Outflow Temperature:  
 Epilimnion Depth (1 C/M): 7.375 (M)  
 Change at Planar-Thermo: 6.400 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 16.40              | 7.50         | 14.80              | 12.00        | 6.60               |
| 1.00         | 16.50              | 7.75         | 13.20              | 13.00        | 6.30               |
| 2.00         | 16.60              | 8.00         | 11.80              | 14.00        | 5.90               |
| 3.00         | 16.60              | 8.25         | 10.70              | 15.00        | 5.70               |
| 4.00         | 16.60              | 8.50         | 10.00              | 16.00        | 5.60               |
| 5.00         | 16.60              | 8.75         | 9.40               | 17.00        | 5.50               |
| 6.00         | 16.60              | 9.00         | 9.00               | 18.00        | 5.50               |
| 7.00         | 15.70              | 10.00        | 8.10               | 19.00        | 5.40               |
| 7.25         | 15.50              | 11.00        | 7.20               |              |                    |

\*\*\*\*\*

Lake # 629              27 SEP 84      (Day 270 )      Time: 16 30 CDT  
 Air Temperature: 8 (C)      Wind: SW 20 - 25 KMPH  
 Cloud Cover: 8 /10      Weather Description:  
 Secchi Visibility: 3.4 (M)      Water Color: YELLOW  
 Inflow Temperature:  
 Surface Temperature: 11.5 (C)  
 Epilimnion Temperature: 11.5 (C)  
 Planar-Thermocline : 9.875 (M)      Outflow Temperature:  
 Epilimnion Depth (1 C/M): 9.875 (M)  
 Change at Planar-Thermo: . (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 11.50              | 9.00         | 11.50              | 12.00        | 6.70               |
| 1.00         | 11.50              | 9.25         | 11.40              | 13.00        | 6.30               |
| 2.00         | 11.50              | 9.50         | 11.40              | 14.00        | 6.00               |
| 3.00         | 11.50              | 9.75         | 11.40              | 15.00        | 5.80               |
| 4.00         | 11.50              | 10.00        | 8.70               | 16.00        | 5.70               |
| 5.00         | 11.50              | 10.25        | 8.30               | 17.00        | 5.60               |
| 6.00         | 11.50              | 10.50        | 7.90               | 18.00        | 5.60               |
| 7.00         | 11.50              | 10.75        | 7.60               | 19.00        | 5.50               |
| 8.00         | 11.50              | 11.00        | 7.30               |              |                    |

\*\*\*\*\*

Lake # 629            9 OCT 84            (Day 282 )            Time: 10 20 CDT  
 Air Temperature: 10 (C)            Wind: SW 0 - 5 KMPH  
 Cloud Cover: 10 /10            Weather Description: FOG  
 Secchi Visibility:  
 Inflow Temperature:  
 Surface Temperature: 10.5 (C)  
 Epilimnion Temperature: 10.5 (C)  
 Planar-Thermocline : 11.875 (M)

Epilimnion Depth (1 C/M): 11.125 (M)  
 Change at Planar-Thermo: 3.600 (C/M)

| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 10.50              | 9.00         | 9.80               | 12.75        | 6.50               |
| 1.00         | 10.50              | 10.00        | 9.60               | 13.00        | 6.30               |
| 2.00         | 10.50              | 11.00        | 9.40               | 14.00        | 6.00               |
| 3.00         | 10.50              | 11.25        | 9.90               | 15.00        | 5.90               |
| 4.00         | 10.40              | 11.50        | 9.90               | 16.00        | 5.80               |
| 5.00         | 10.20              | 11.75        | 8.60               | 17.00        | 5.70               |
| 6.00         | 10.10              | 12.00        | 7.70               | 18.00        | 5.70               |
| 7.00         | 9.90               | 12.25        | 7.00               | 19.00        | 5.70               |
| 8.00         | 9.80               | 12.50        | 6.70               |              |                    |

\*\*\*\*\*

Lake # 629            23 OCT 84            (Day 296 )            Time: 10 01 CDT  
 Air Temperature: 5 (C)            Wind: W 0 - 5 KMPH  
 Cloud Cover: 10 /10            Weather Description:  
 Secchi Visibility: 3.8 (M)  
 Inflow Temperature:  
 Surface Temperature: 8.8 (C)  
 Epilimnion Temperature: 8.8 (C)  
 Planar-Thermocline : 14.125 (M)

Epilimnion Depth (1 C/M): 14.125 (M)  
 Change at Planar-Thermo: 3.600 (C/M)

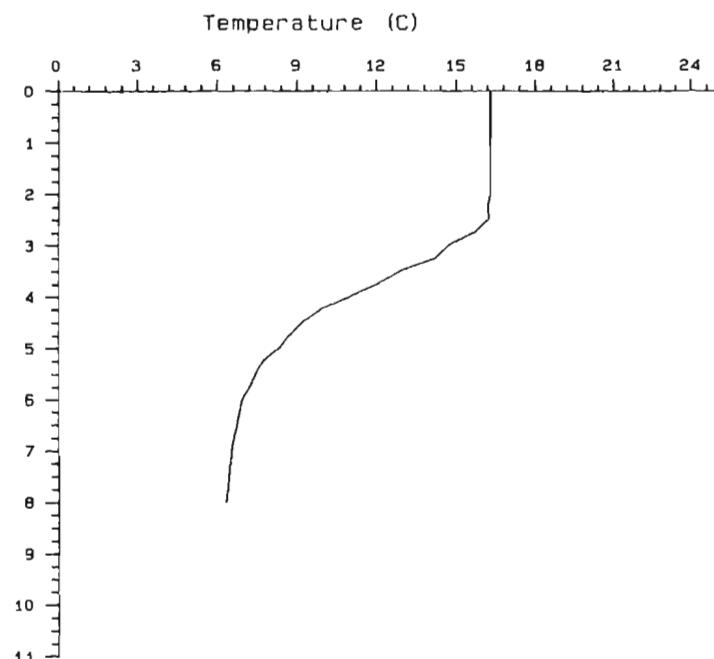
| DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) | DEPTH<br>(M) | TEMPERATURE<br>(C) |
|--------------|--------------------|--------------|--------------------|--------------|--------------------|
| 0.00         | 8.80               | 8.00         | 8.80               | 14.50        | 6.70               |
| 1.00         | 8.80               | 9.00         | 8.80               | 14.75        | 6.50               |
| 2.00         | 8.80               | 10.00        | 8.80               | 15.00        | 6.30               |
| 3.00         | 8.80               | 11.00        | 8.80               | 16.00        | 5.90               |
| 4.00         | 8.80               | 12.00        | 8.80               | 17.00        | 5.80               |
| 5.00         | 8.80               | 13.00        | 8.60               | 18.00        | 5.70               |
| 6.00         | 8.80               | 14.00        | 7.80               | 19.00        | 5.60               |
| 7.00         | 8.80               | 14.25        | 6.90               |              |                    |

## APPENDIX B

Graphical presentation of temperature profiles.

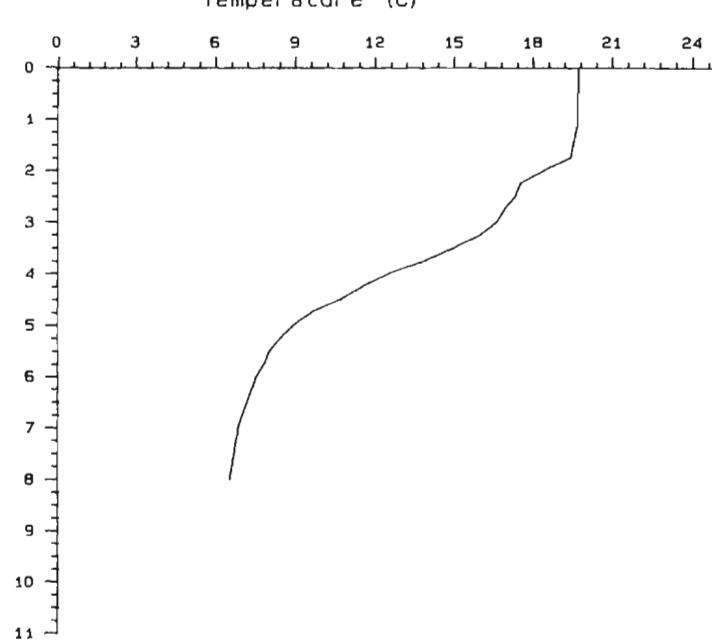
Temperature vs Depth L93 (Day 158)

Depth M



Temperature vs Depth L93 (Day 170)

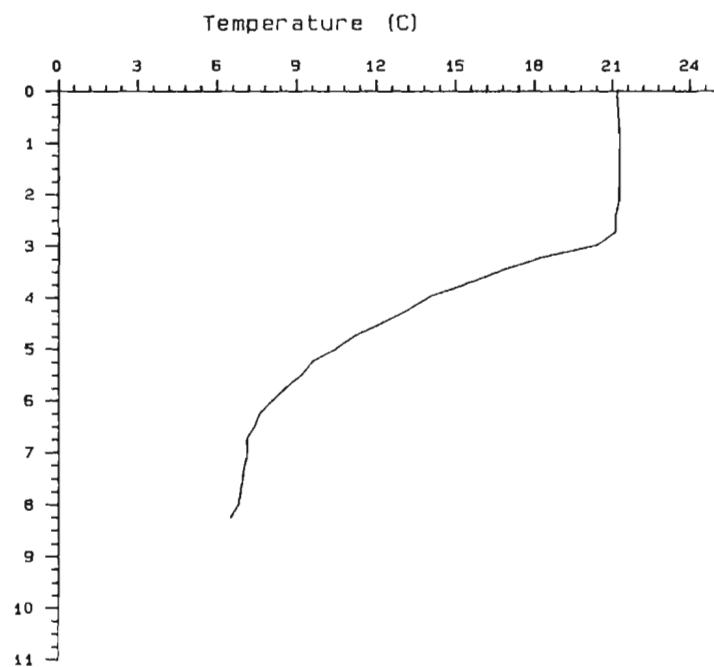
Depth M



128

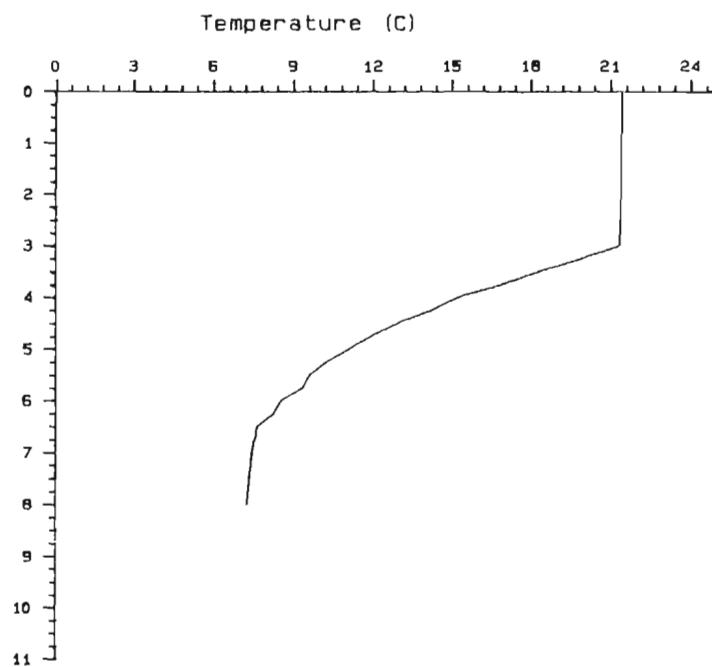
Temperature vs Depth L93 (Day 186)

Depth M



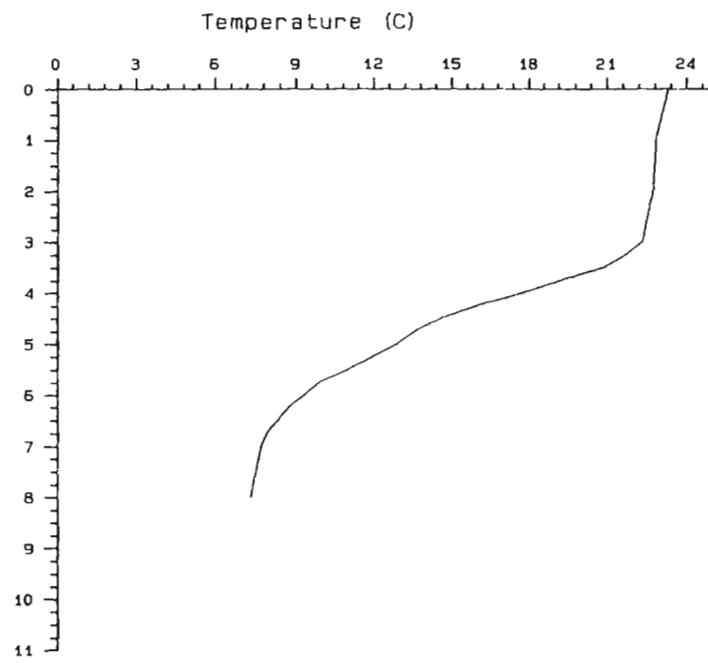
Temperature vs Depth L93 (Day 198)

Depth M

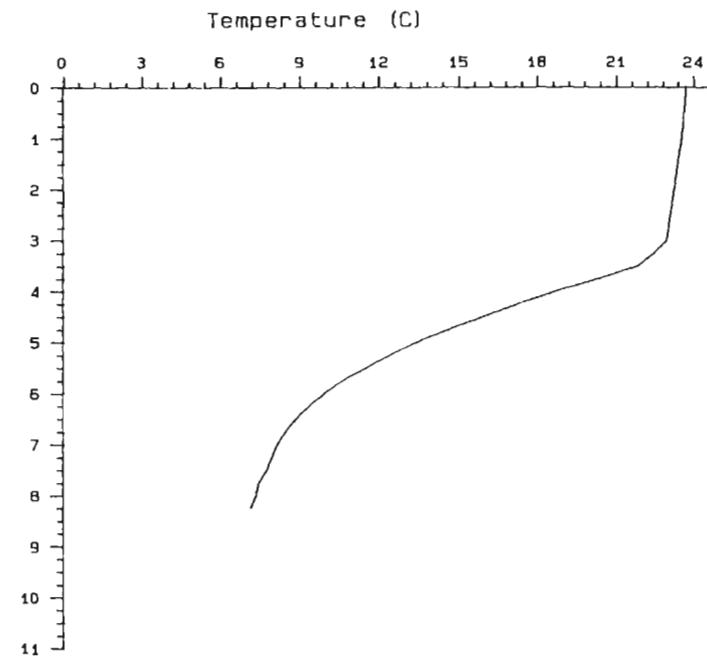


Depth M

Temperature vs Depth L93 (Day 214)



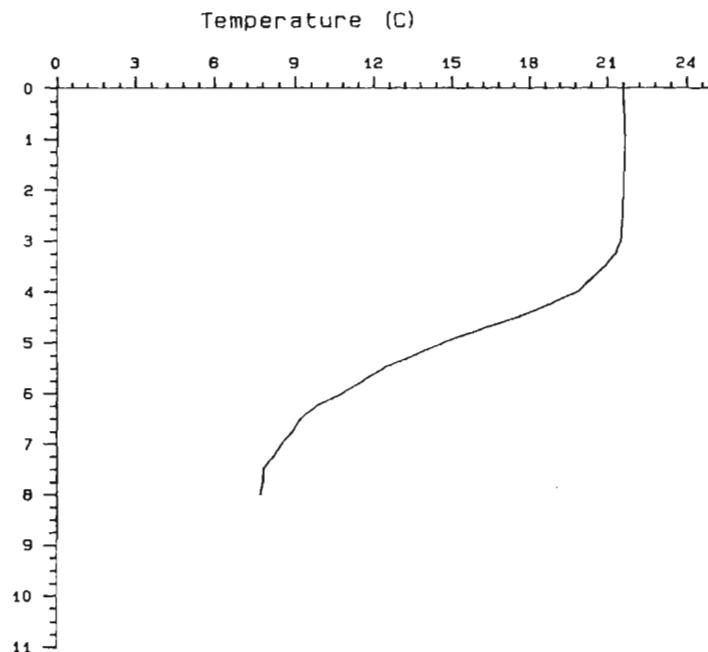
Temperature vs Depth L93 (Day 226)



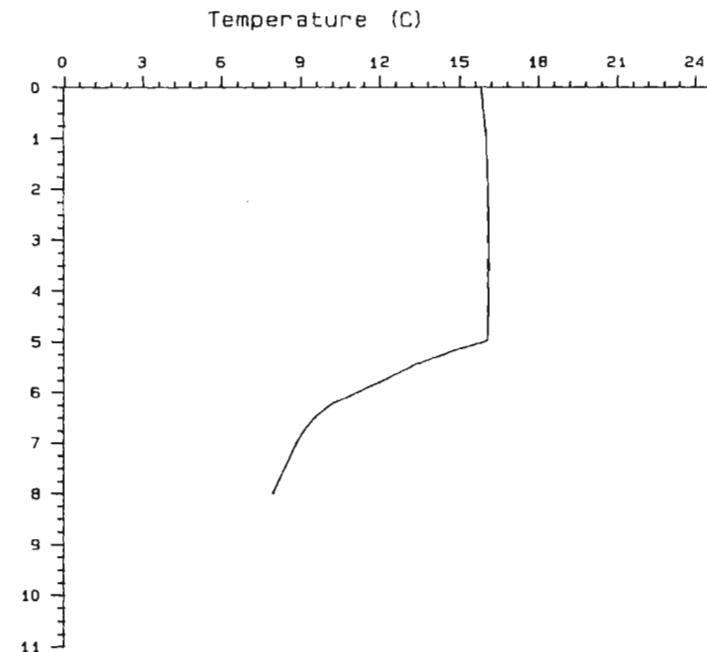
129

Depth M

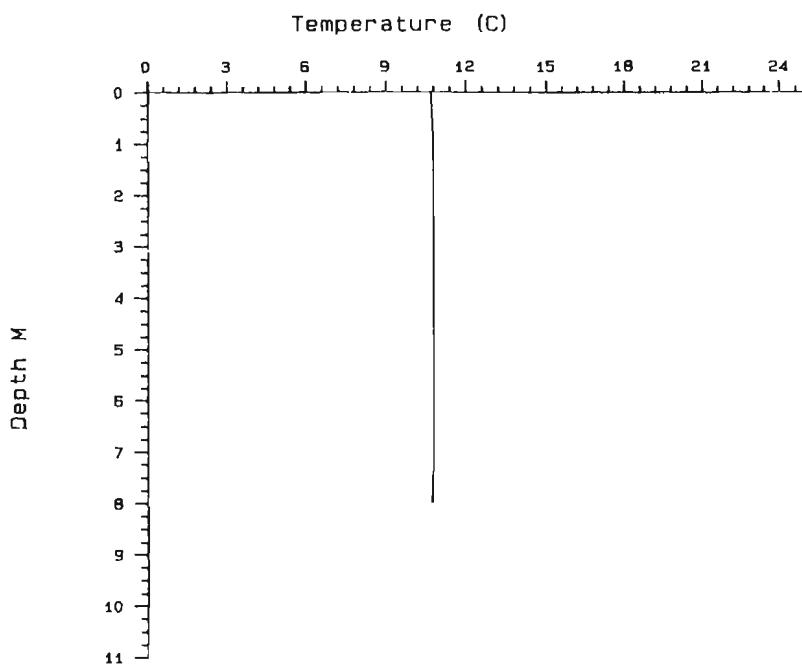
Temperature vs Depth L93 (Day 242)



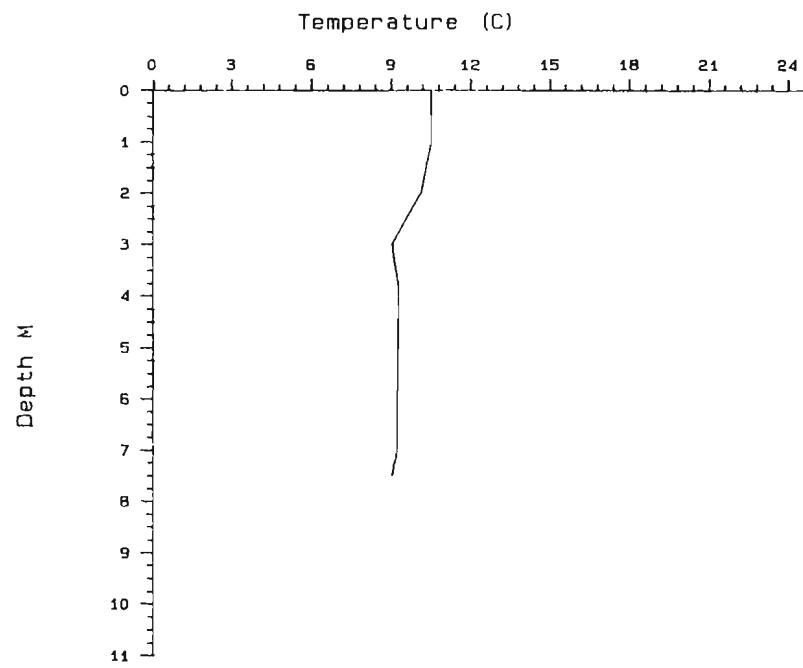
Temperature vs Depth L93 (Day 254)



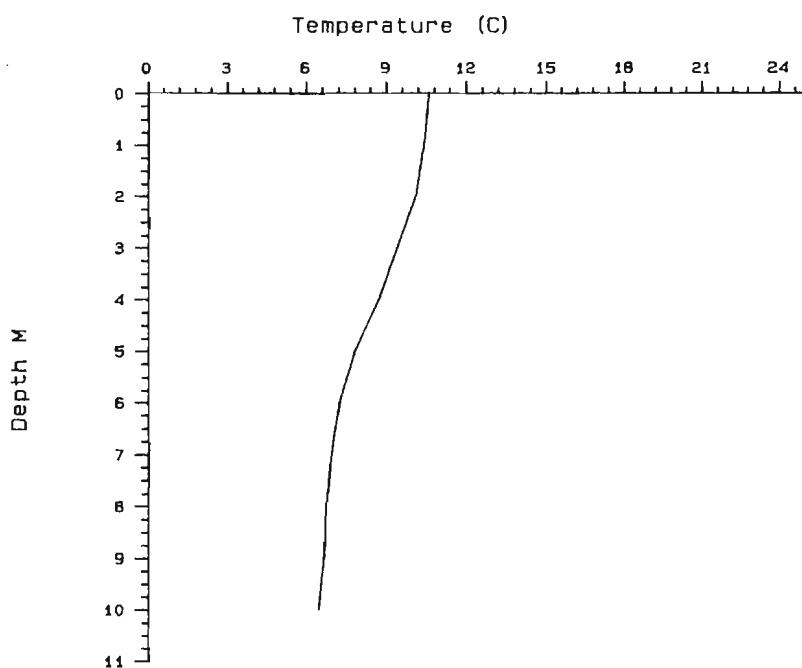
Temperature vs Depth L93 (Day 270)



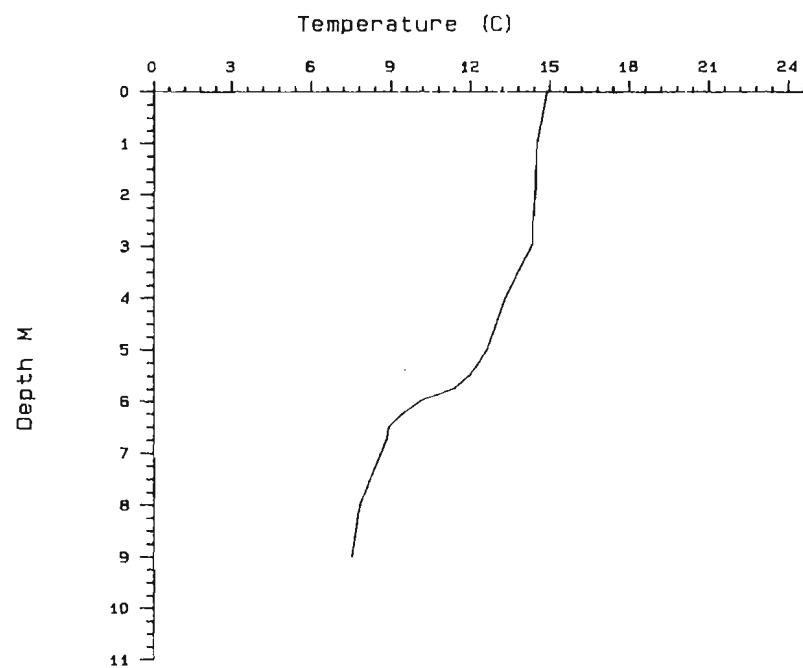
Temperature vs Depth L93 (Day 282)



Temperature vs Depth L109 (Day 135)

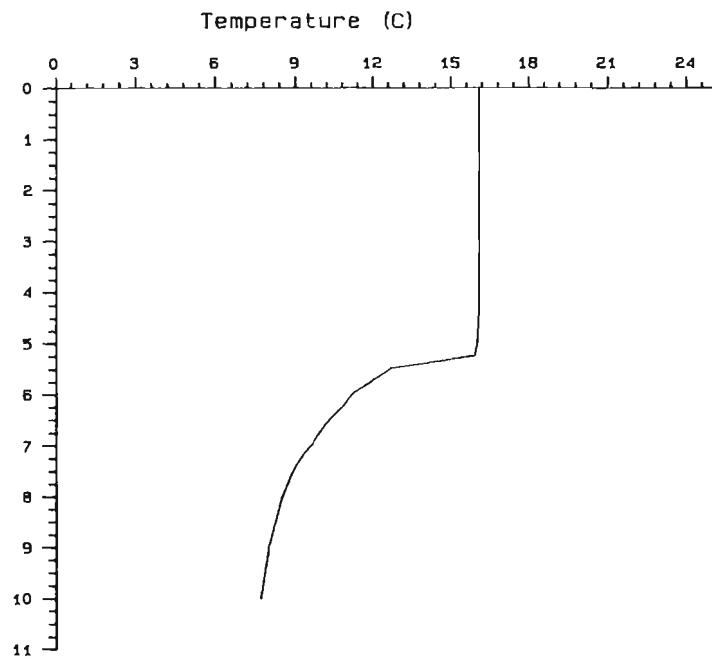


Temperature vs Depth L109 (Day 152)



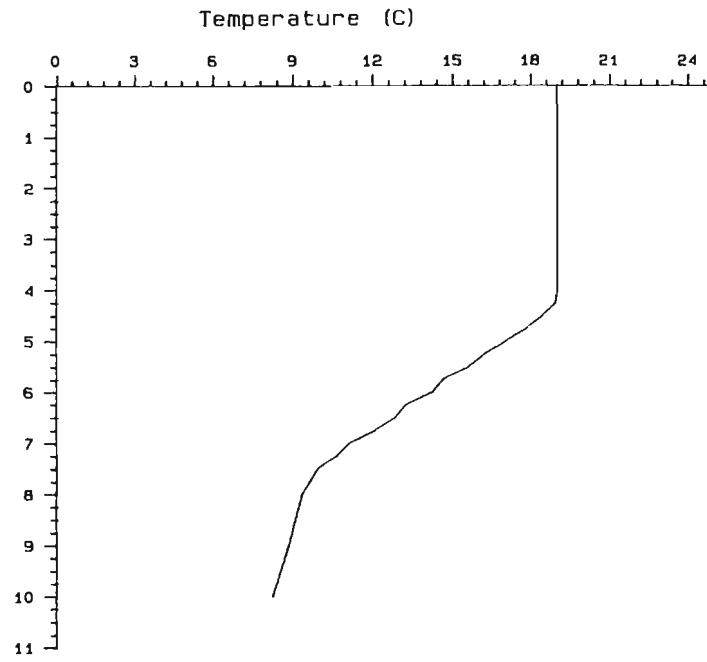
Temperature vs Depth L109 (Day 163)

Depth M



Temperature vs Depth L109 (Day 179)

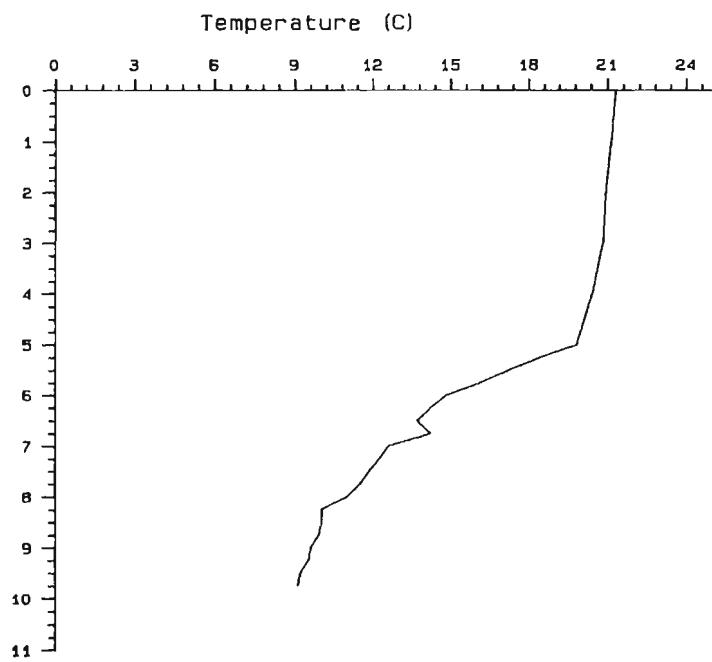
Depth M



131

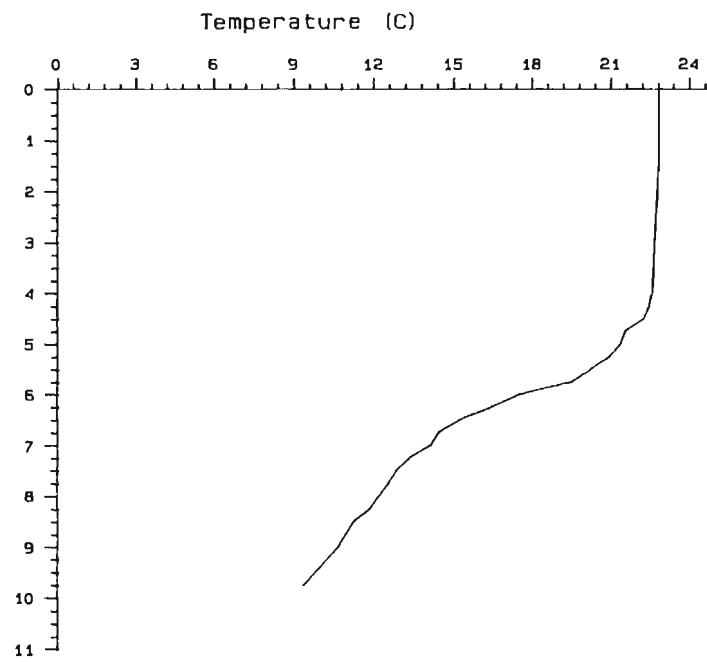
Temperature vs Depth L109 (Day 191)

Depth M



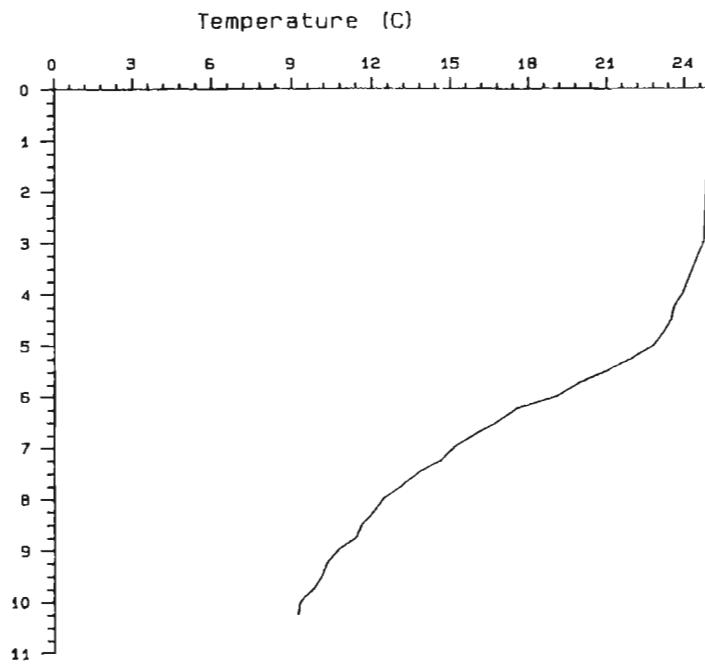
Temperature vs Depth L109 (Day 207)

Depth M



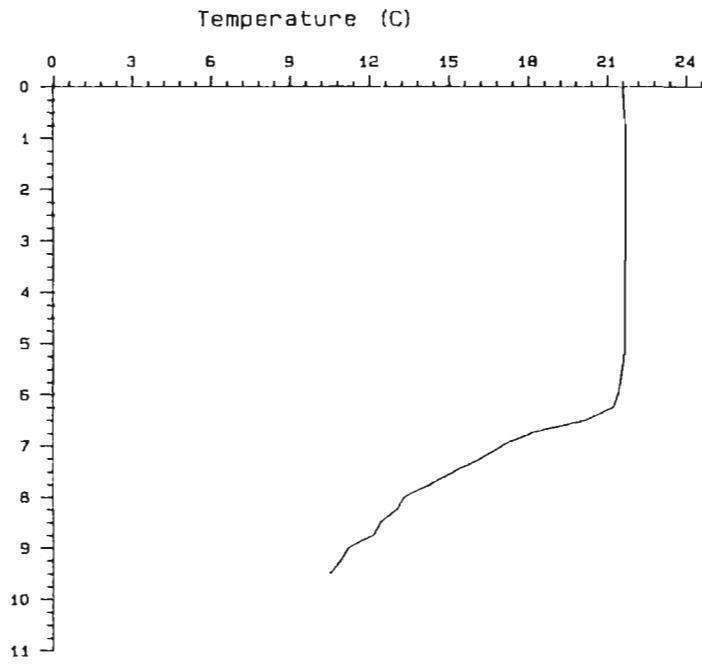
Temperature vs Depth L109 (Day 219)

Depth M



Temperature vs Depth L109 (Day 235)

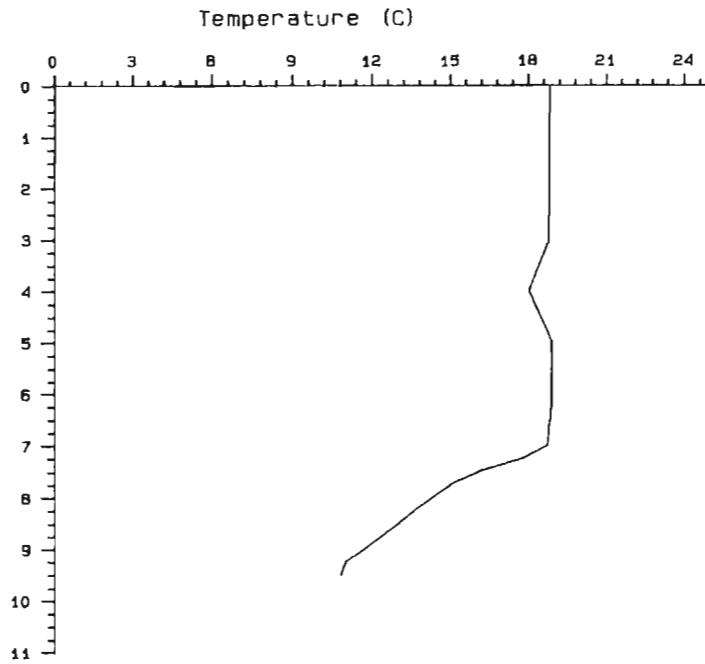
Depth M



132

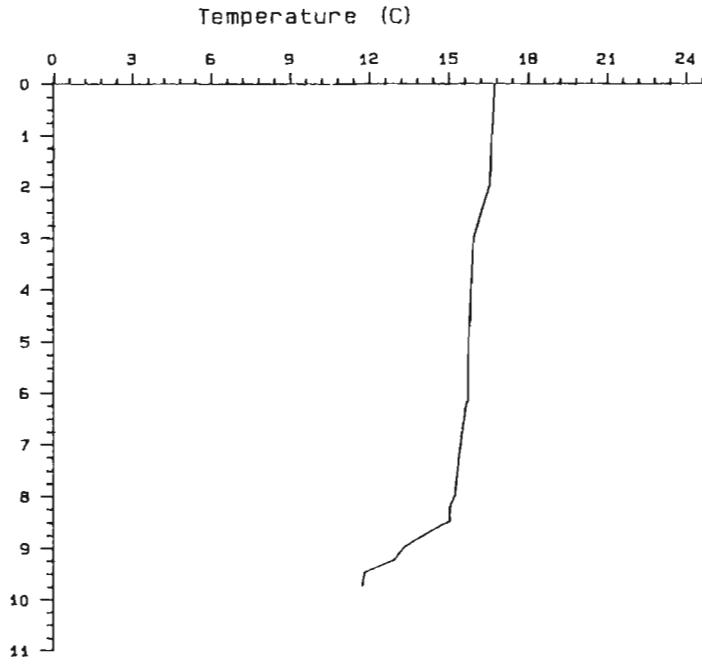
Temperature vs Depth L109 (Day 247)

Depth M



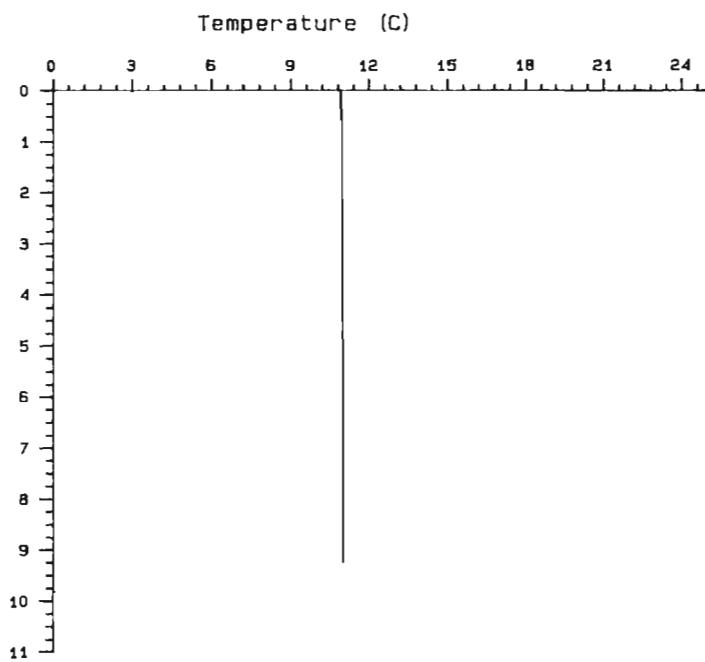
Temperature vs Depth L109 (Day 263)

Depth M

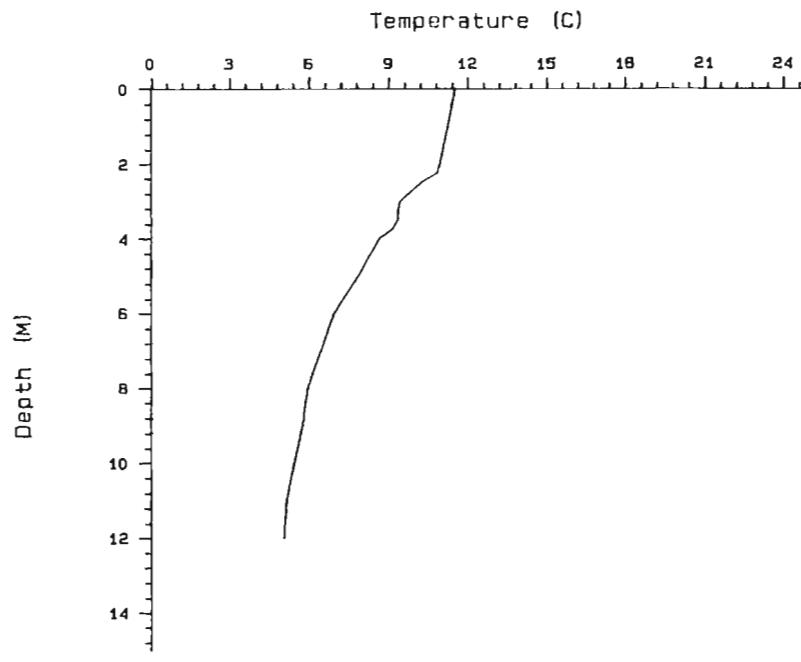


Temperature vs Depth L109 (Day 275)

Depth M

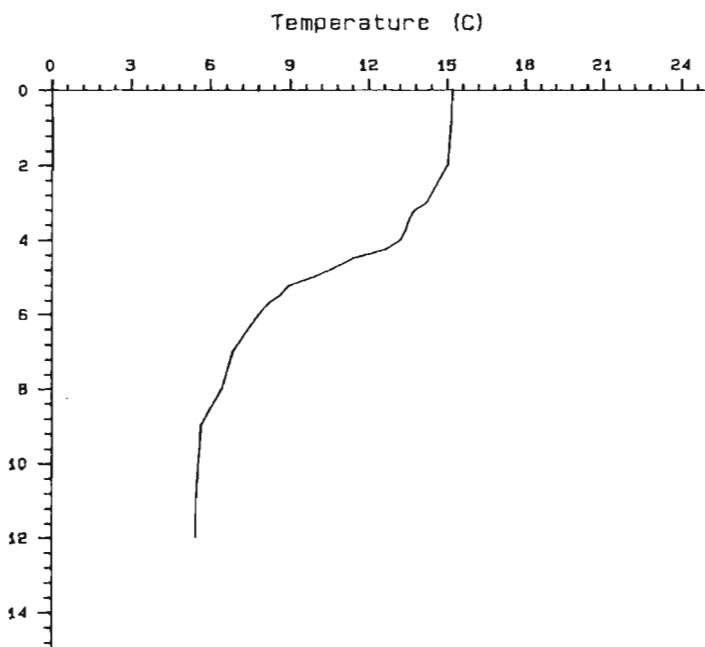


Temperature vs Depth L110 (Day 105)

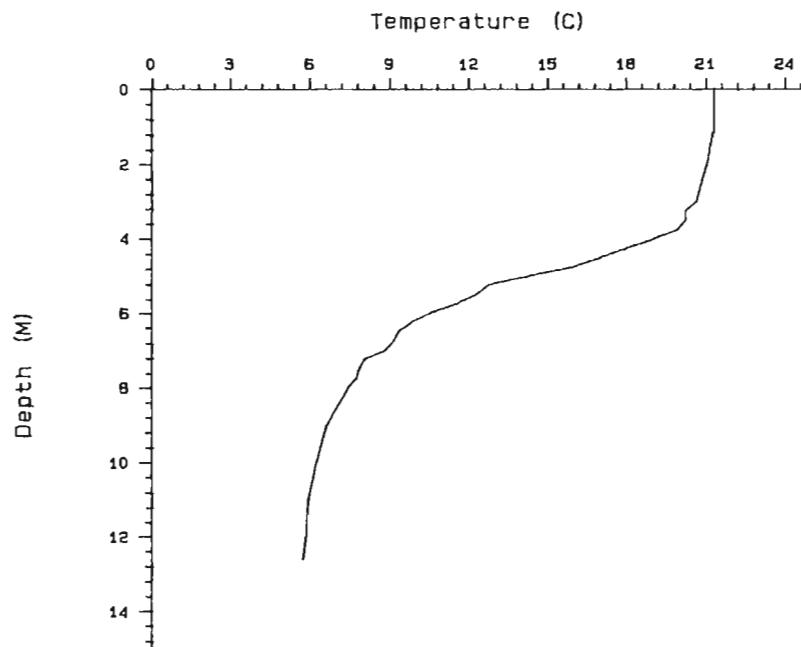


Temperature vs Depth (Day 152)

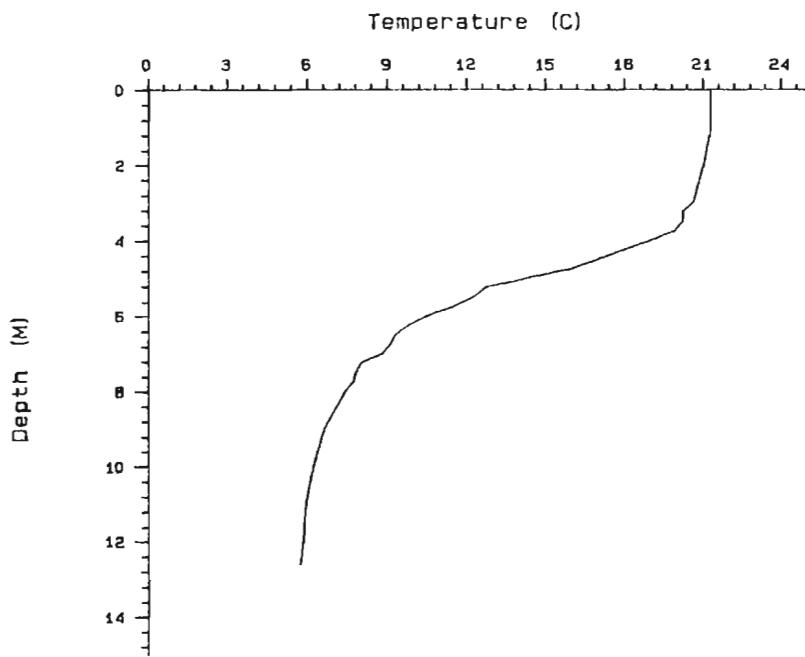
Depth (M)



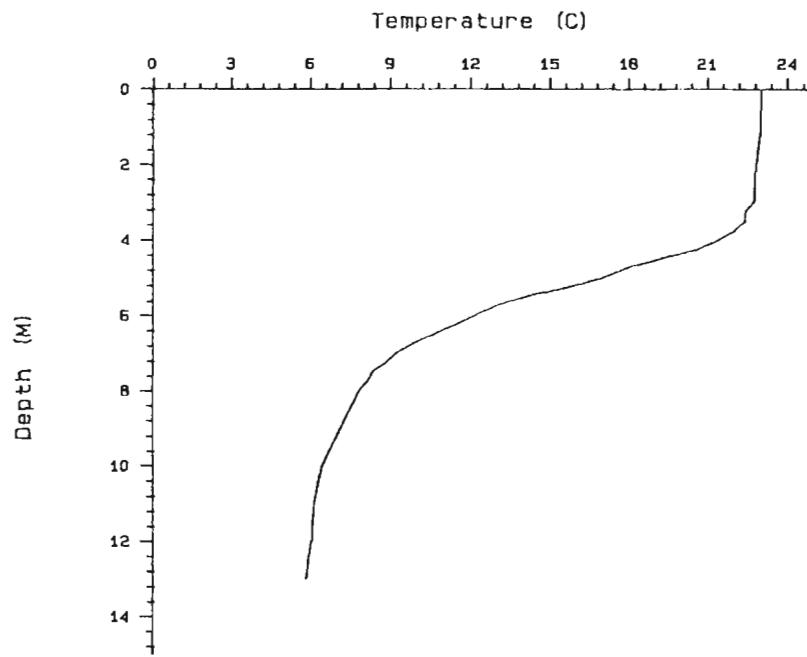
Temperature vs Depth L110 (Day 163)



Temperature vs Depth L110 (Day 191)

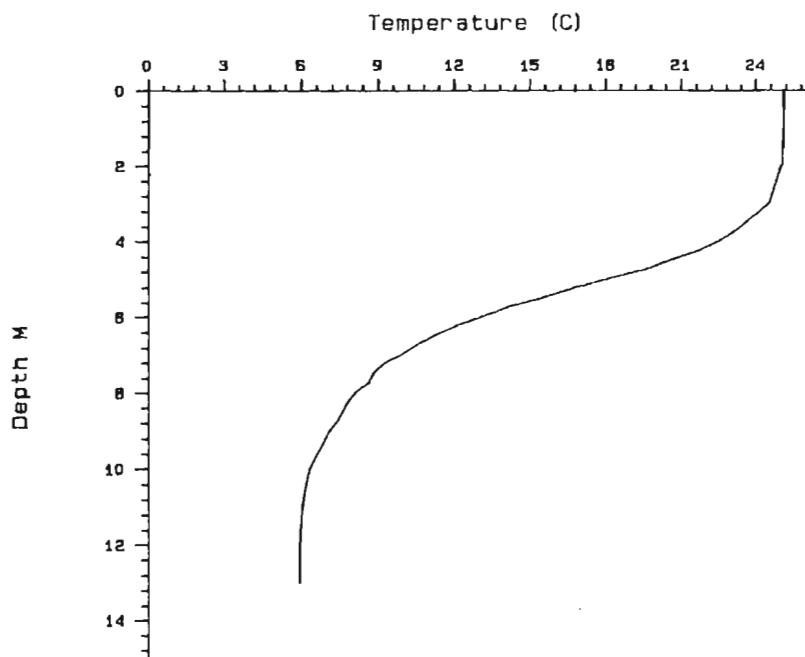


Temperature vs Depth L110 (Day 207)

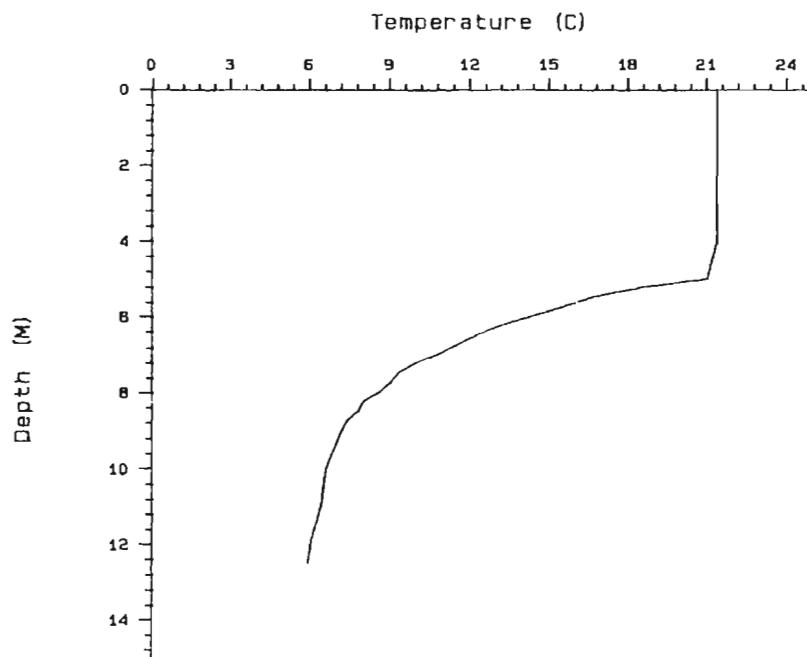


134

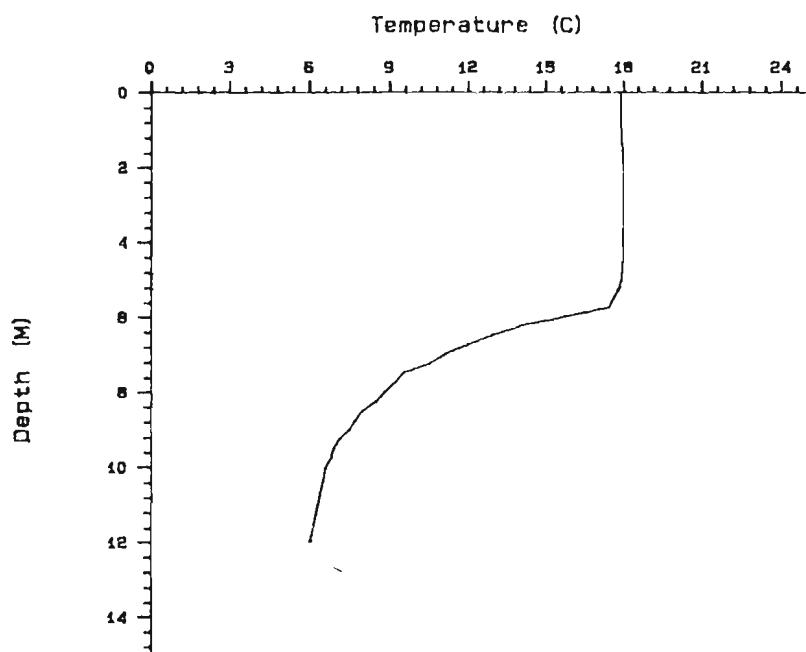
Temperature vs Depth L110 (Day 219)



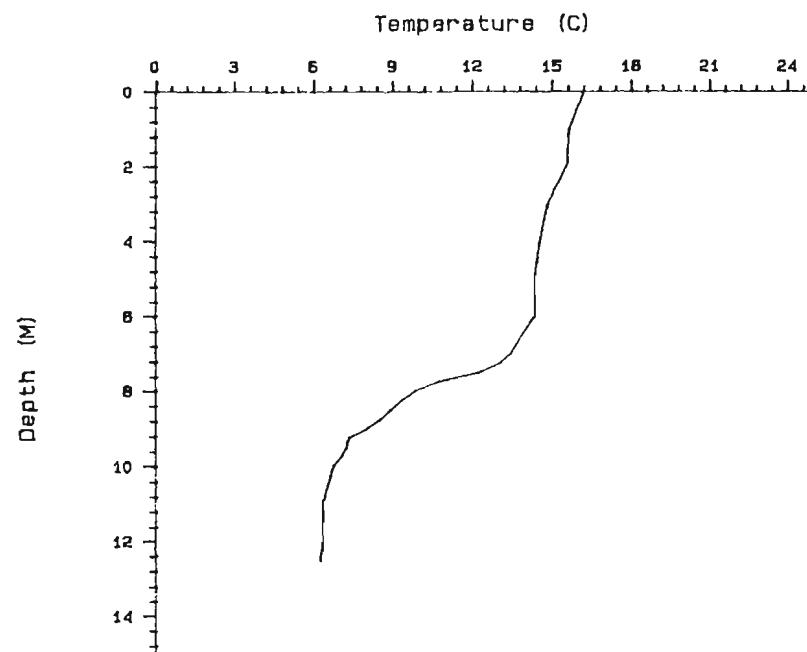
Temperature vs Depth L110 (Day 235)



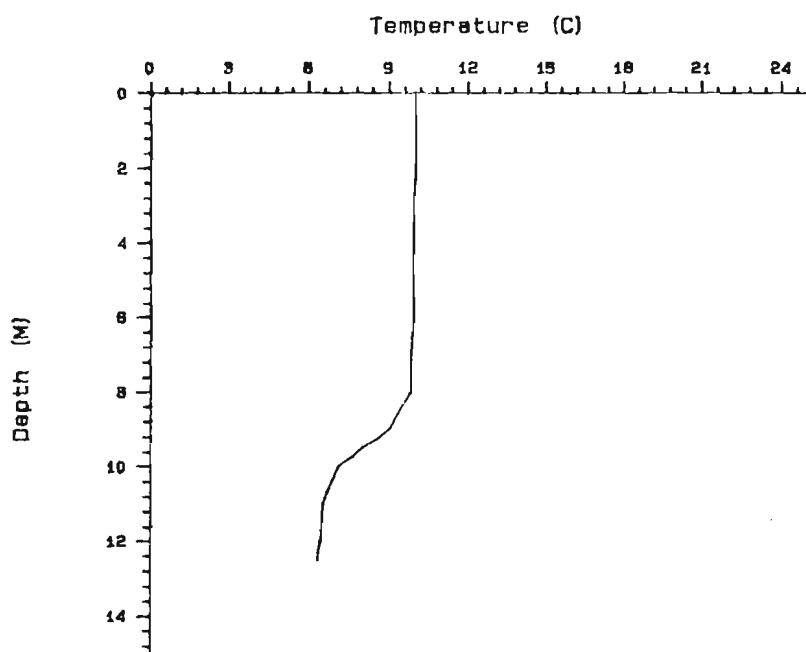
Temperature vs Depth L110 (Day 247)



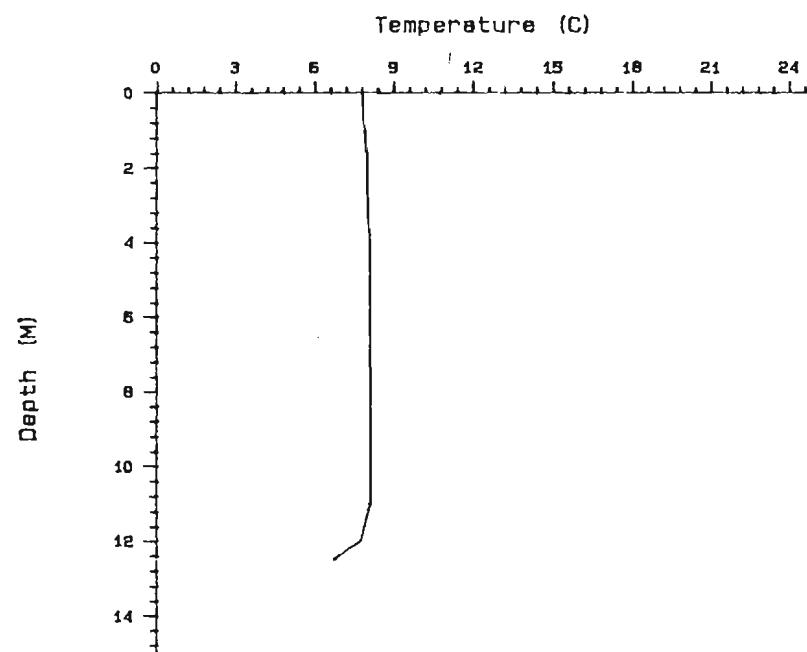
Temperature vs Depth L110 (Day 263)



Temperature vs Depth L110 (Day 278)

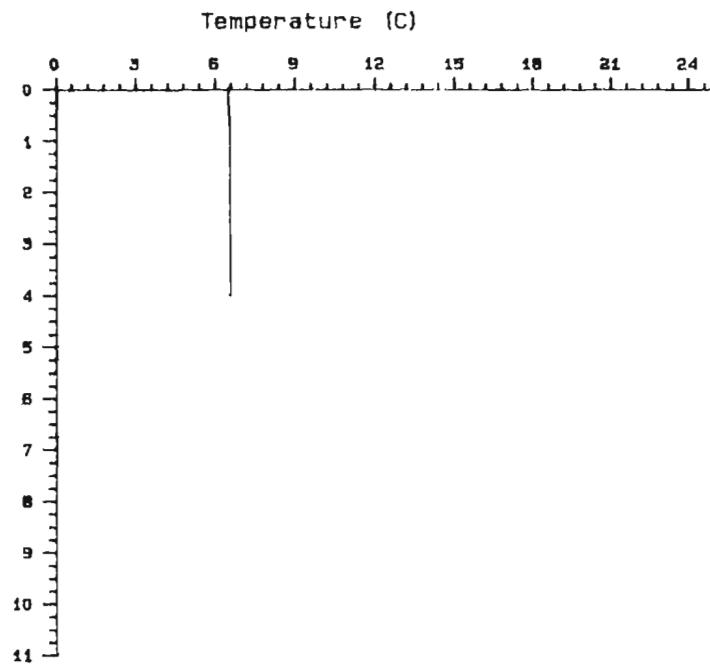


Temperature vs Depth L110 (Day 297)



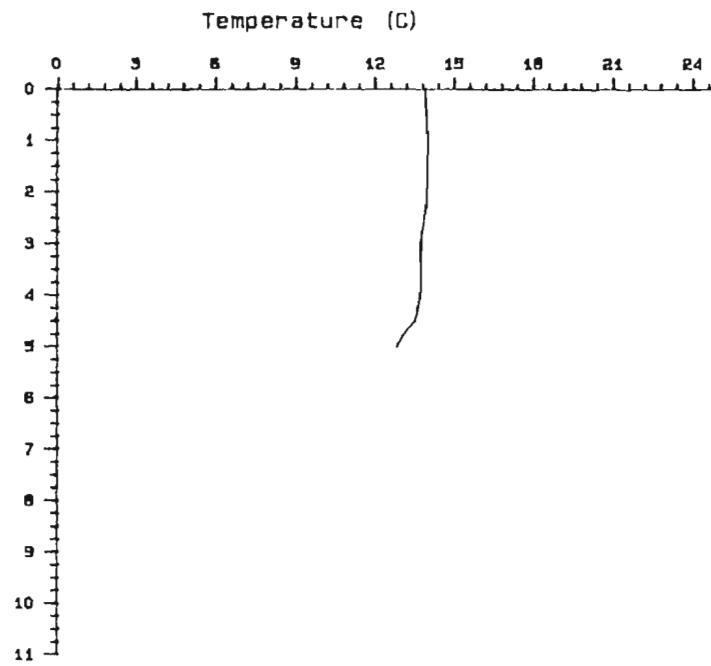
Temperature vs Depth L114 (Day 121)

Depth M



Temperature vs Depth L114 (Day 135)

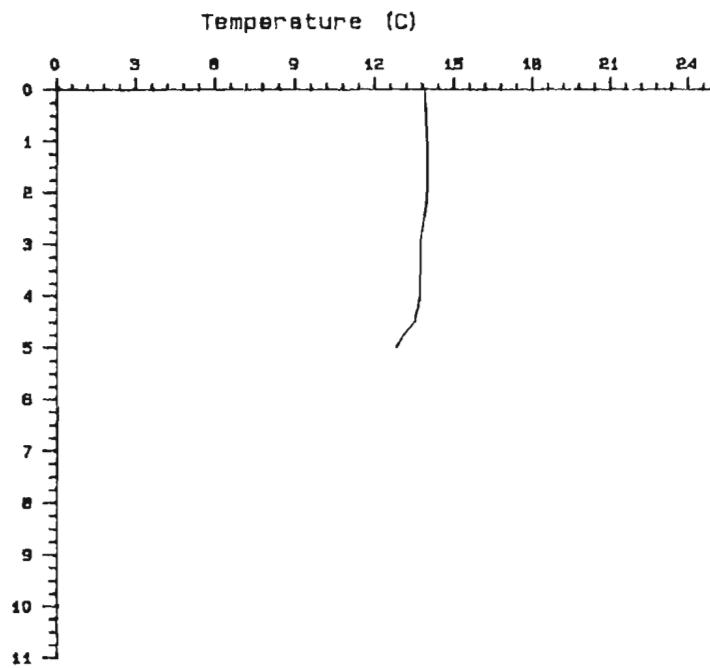
Depth M



136

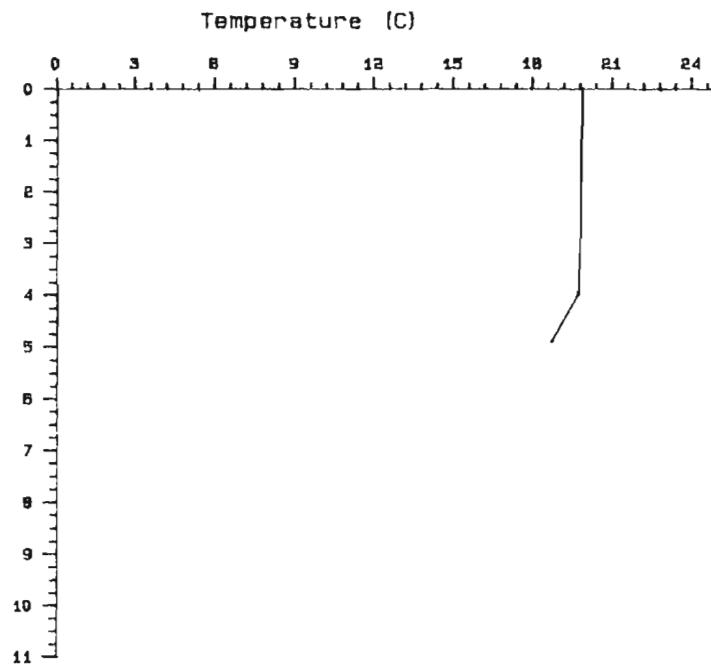
Temperature vs Depth L114 (Day 149)

Depth M

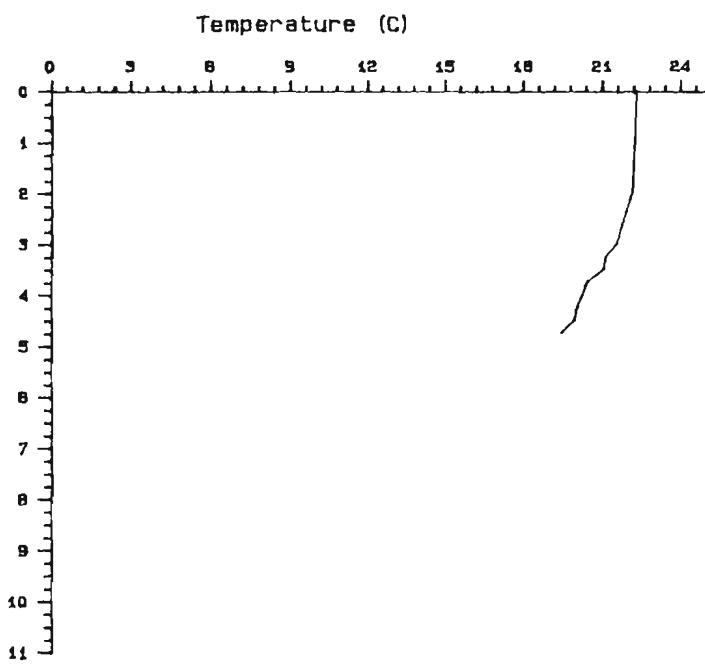


Temperature vs Depth L114 (Day 177)

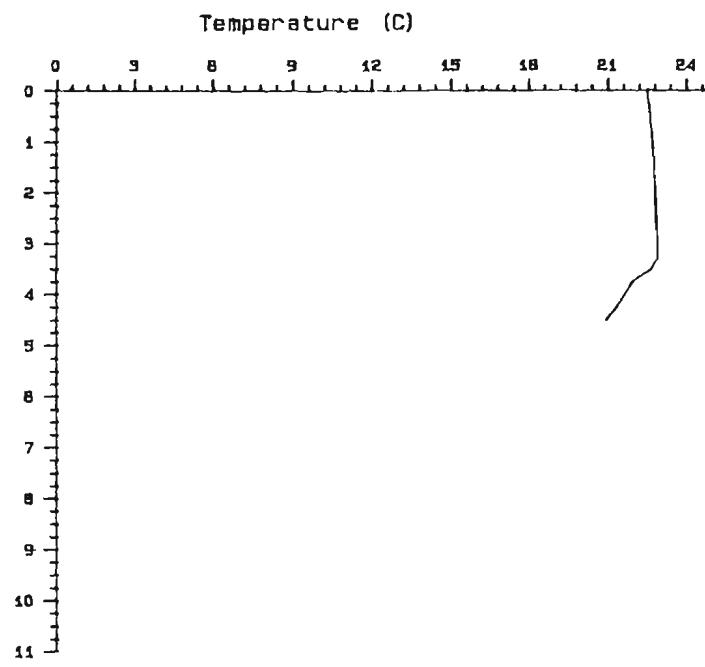
Depth M



Temperature vs Depth L114 (Day 191)

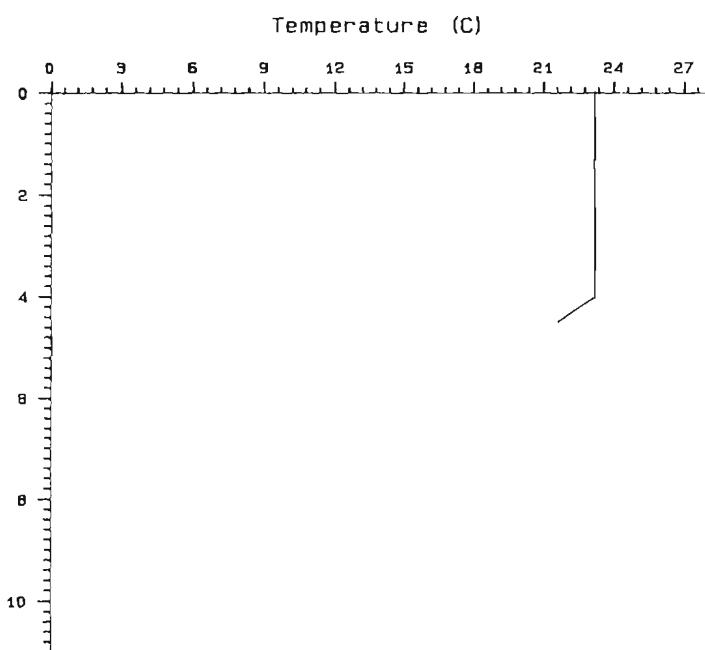


Temperature vs Depth L114 (Day 205)

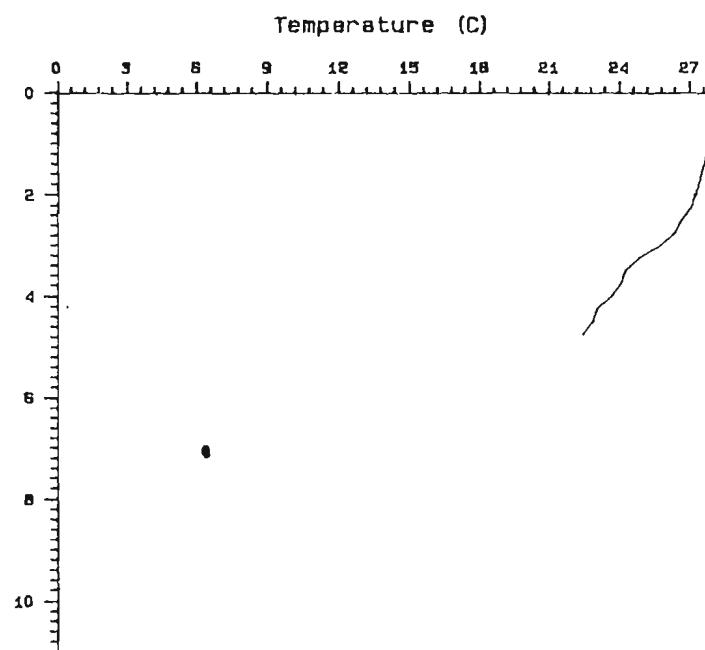


137

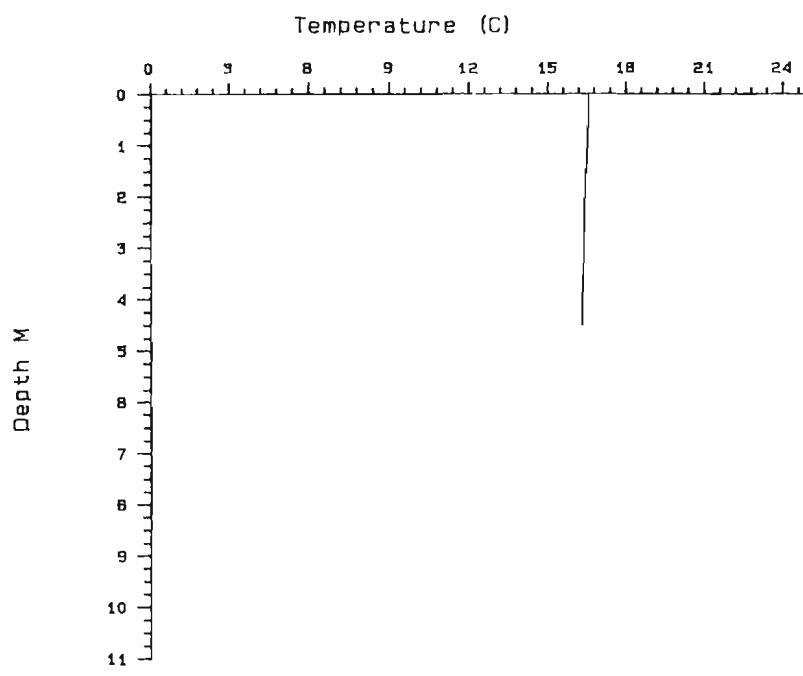
Temperature vs Depth L114 (Day 233)



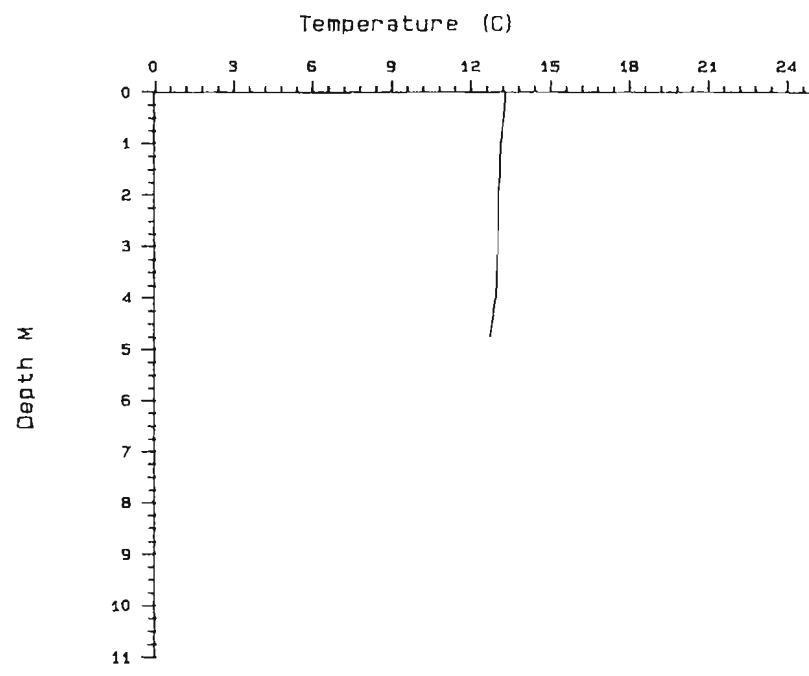
Temperature vs Depth L114 (Day 219)



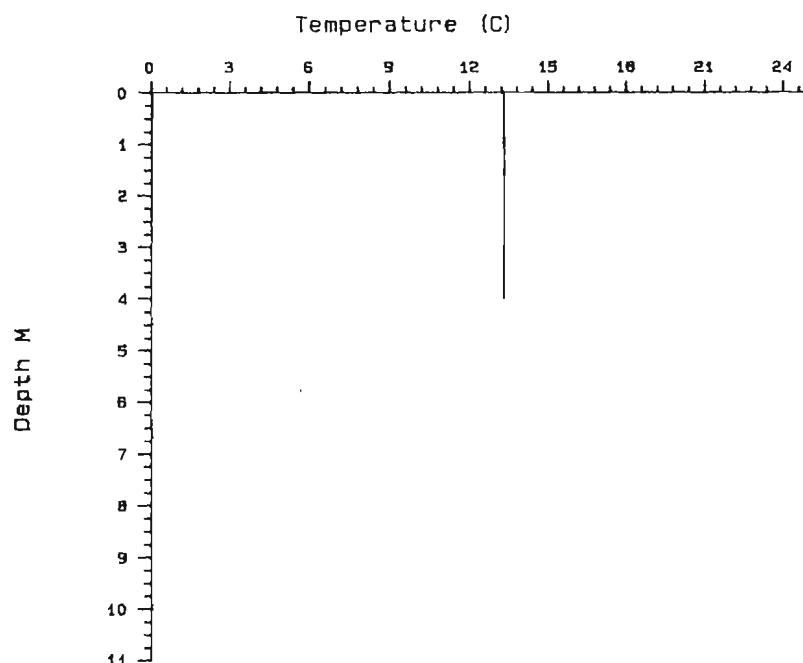
Temperature vs Depth L114 (Day 247)



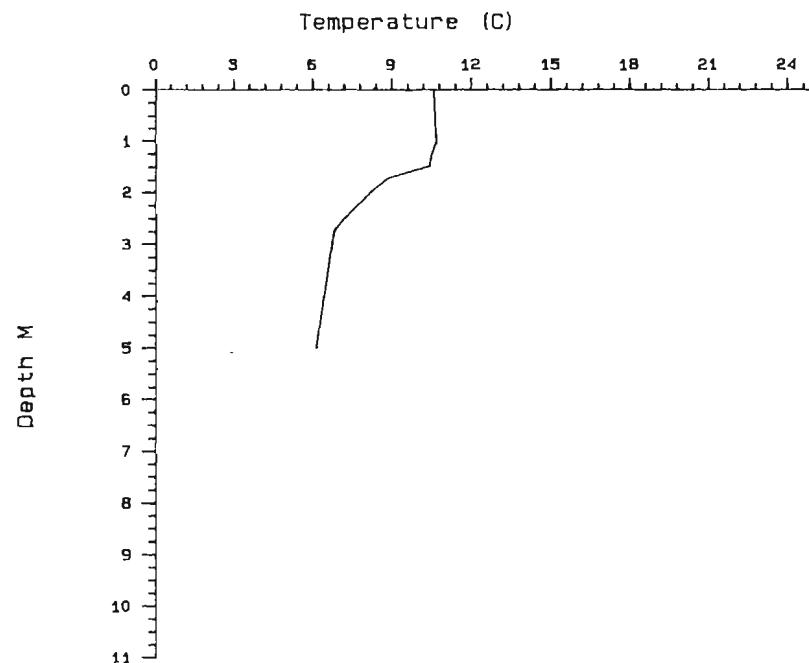
Temperature vs Depth L114 (Day 261)



Temperature vs Depth L114 (Day 289)

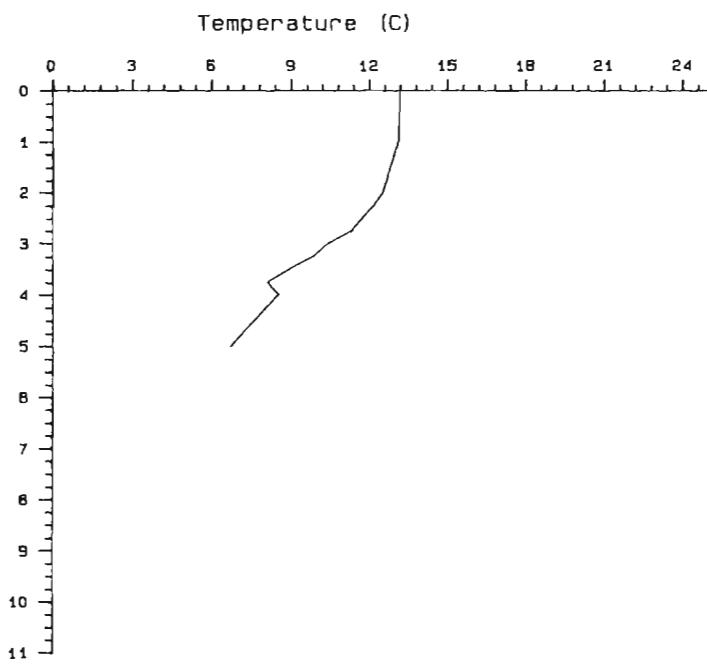


Temperature vs Depth L222 (Day 128)



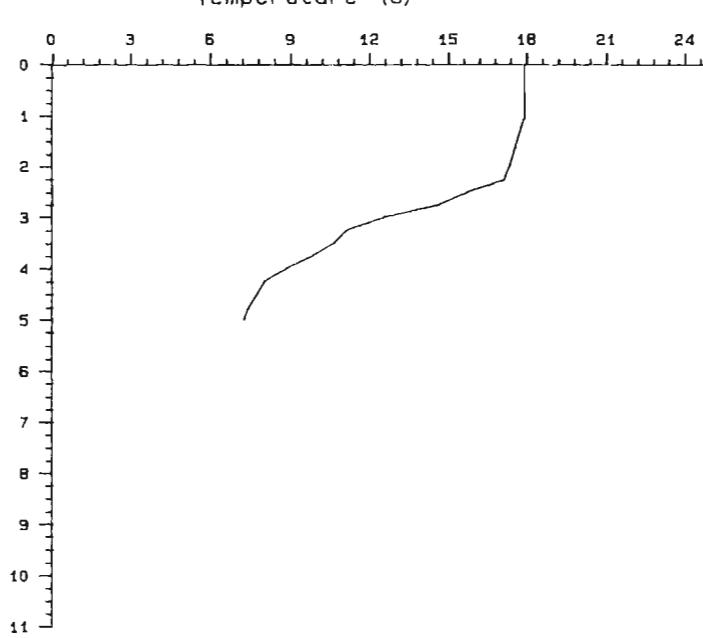
Temperature vs Depth L222 (Day 142)

Depth M



Temperature vs Depth L222 (Day 156)

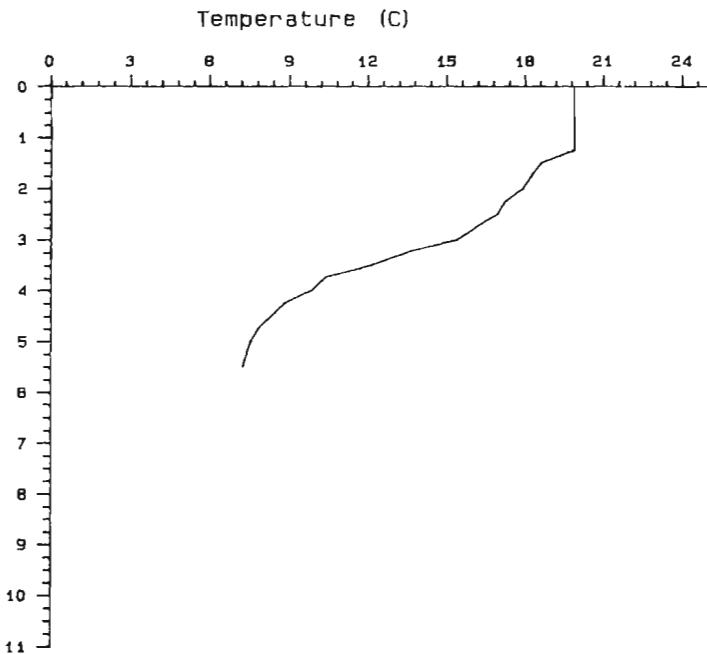
Depth M



139

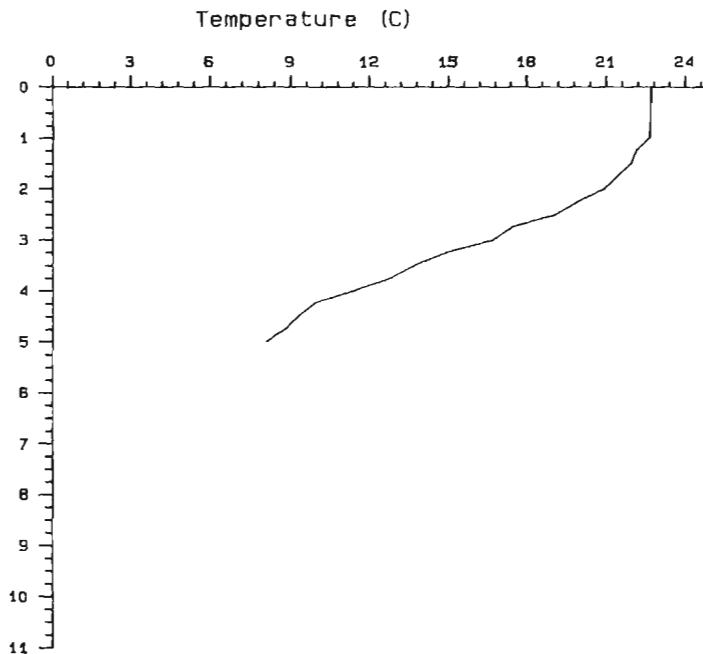
Temperature vs Depth L222 (Day 169)

Depth M



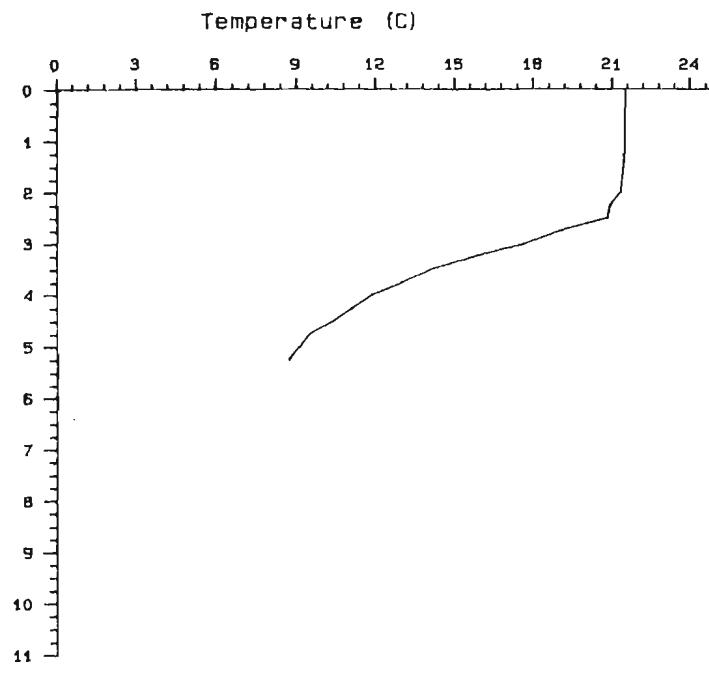
Temperature vs Depth L222 (Day 184)

Depth M



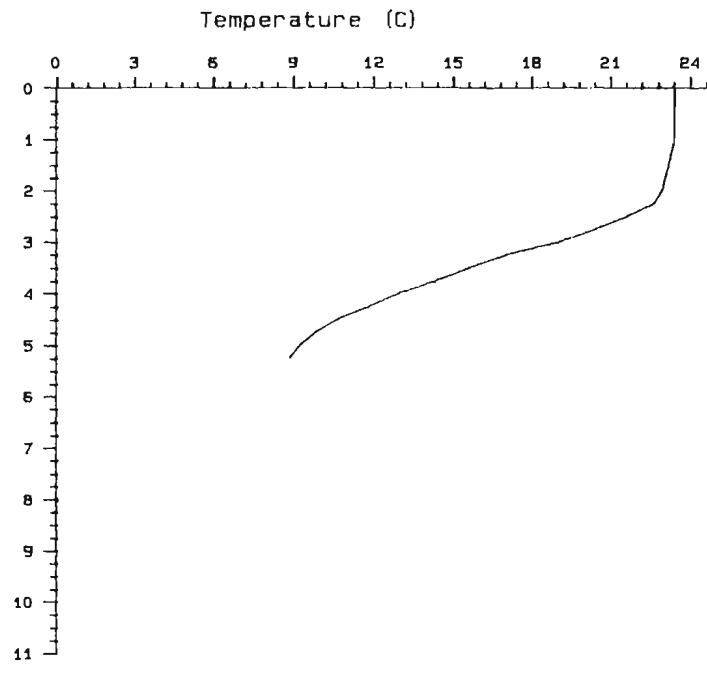
Temperature vs Depth L222 (Day 198)

Depth M



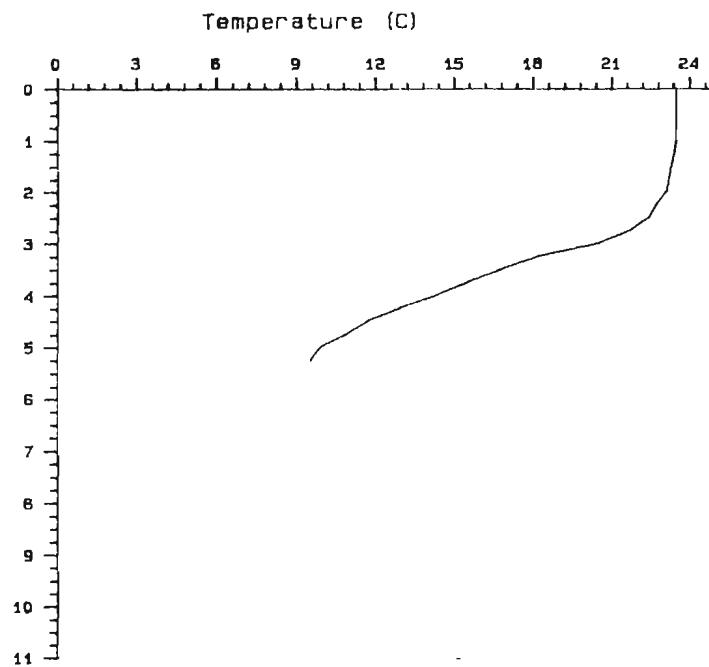
Temperature vs Depth L222 (Day 212)

Depth M



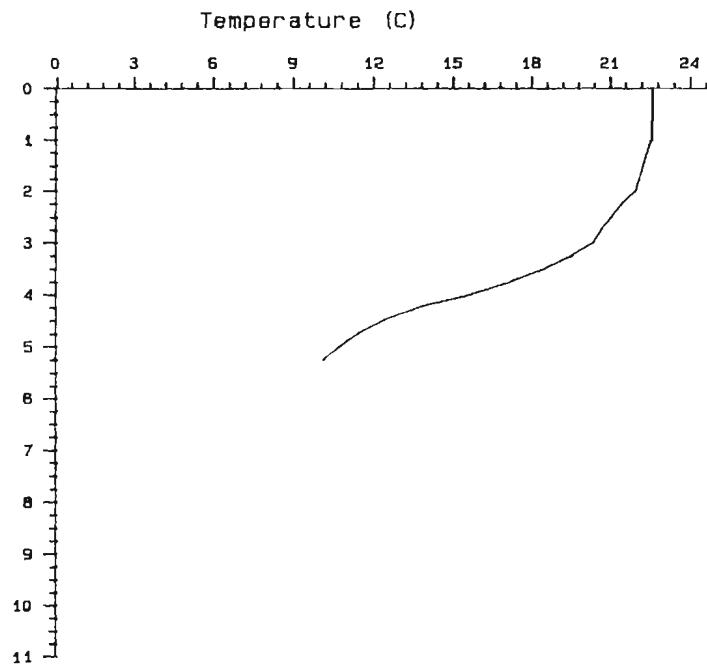
Temperature vs Depth L222 (Day 226)

Depth M



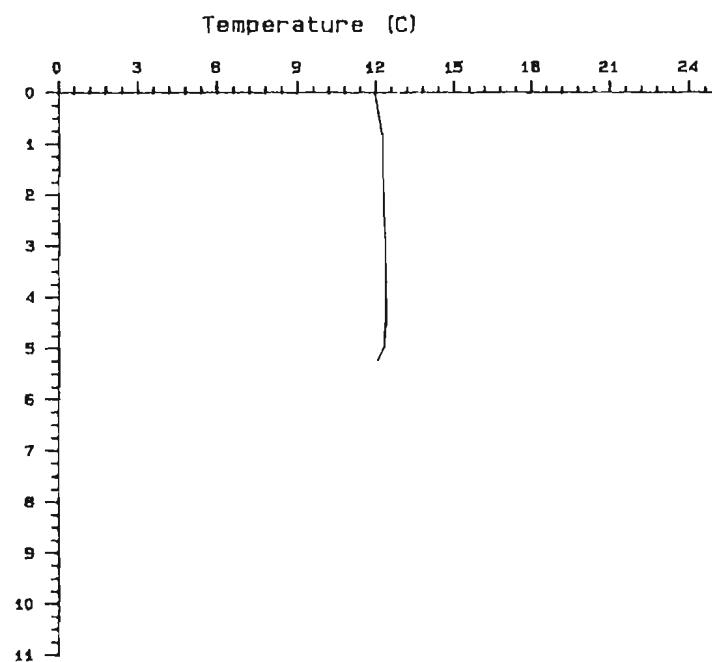
Temperature vs Depth L222 (Day 240)

Depth M



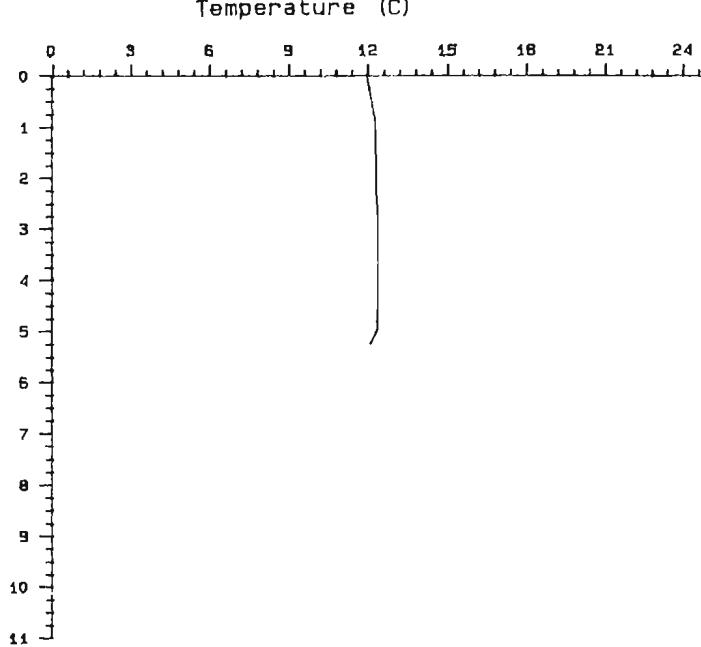
Temperature vs Depth L222 (Day 254)

Depth (M)



Temperature vs Depth L222 (Day 268)

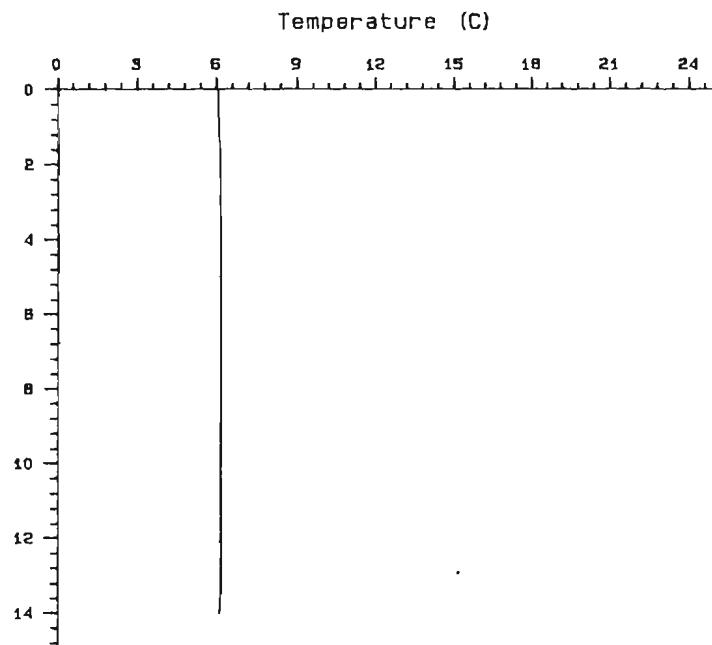
Depth (M)



141

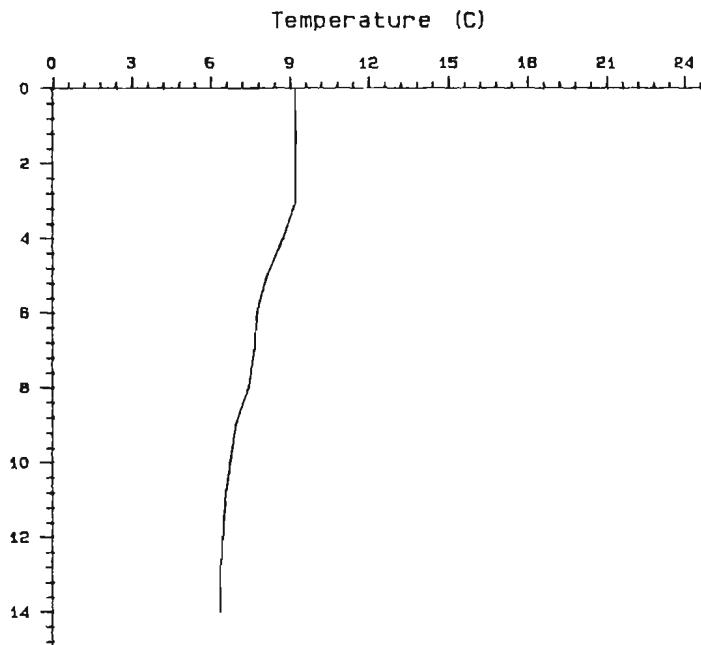
Temperature vs Depth L223 (Day 121)

Depth (M)

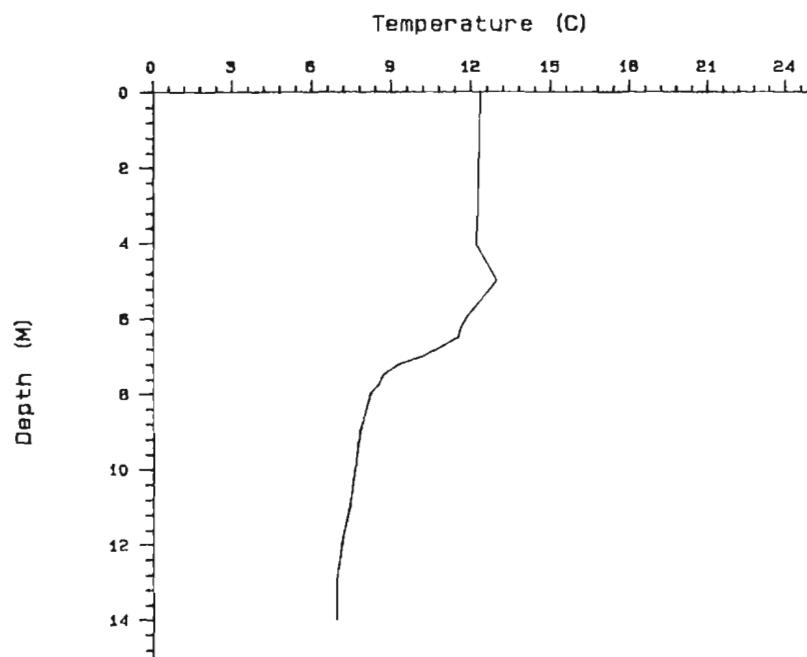


Temperature vs Depth L223 (Day 135)

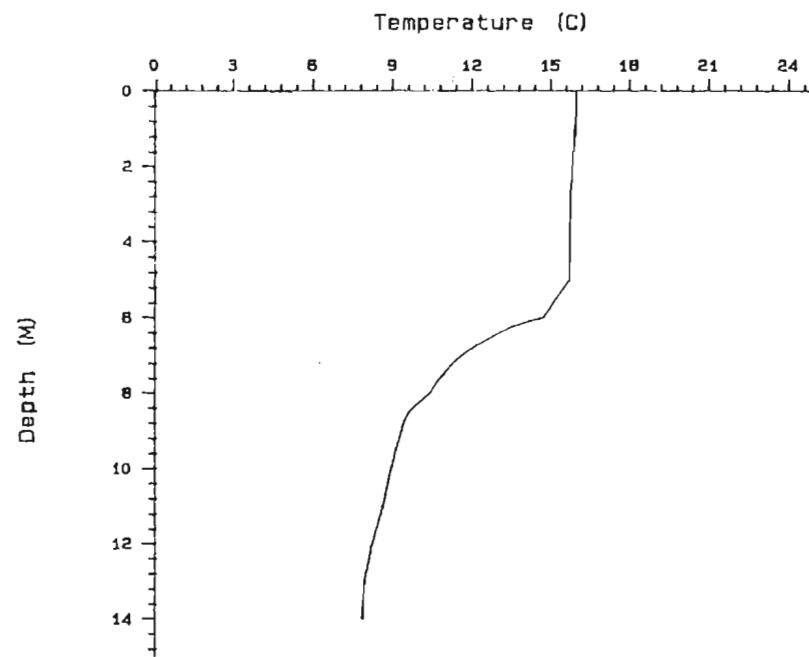
Depth (M)



Temperature vs Depth L223 (Day 149)

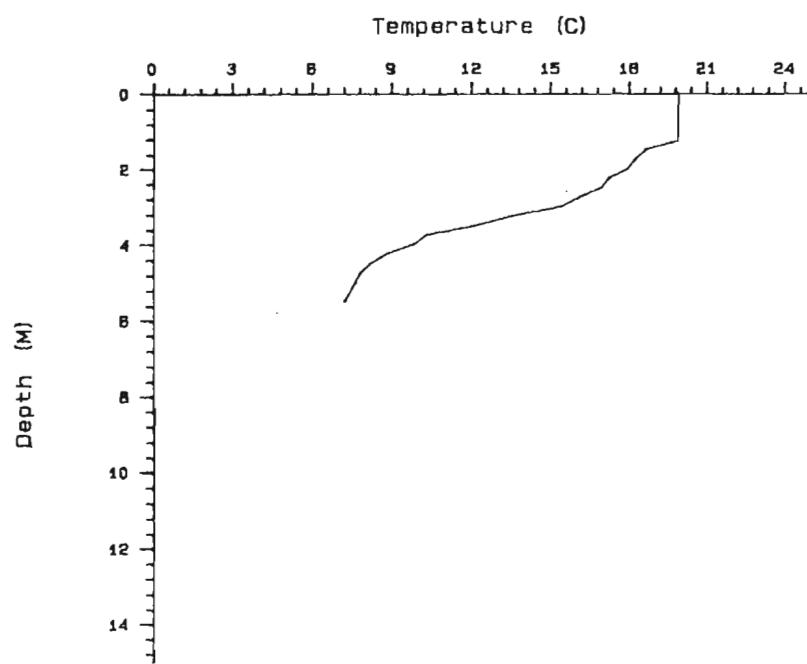


Temperature vs Depth L223 (Day 183)

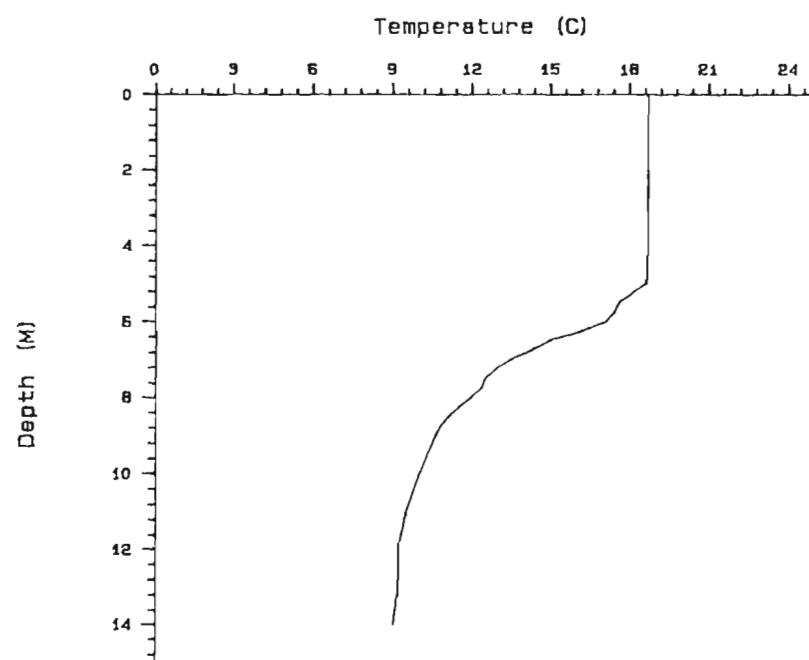


142

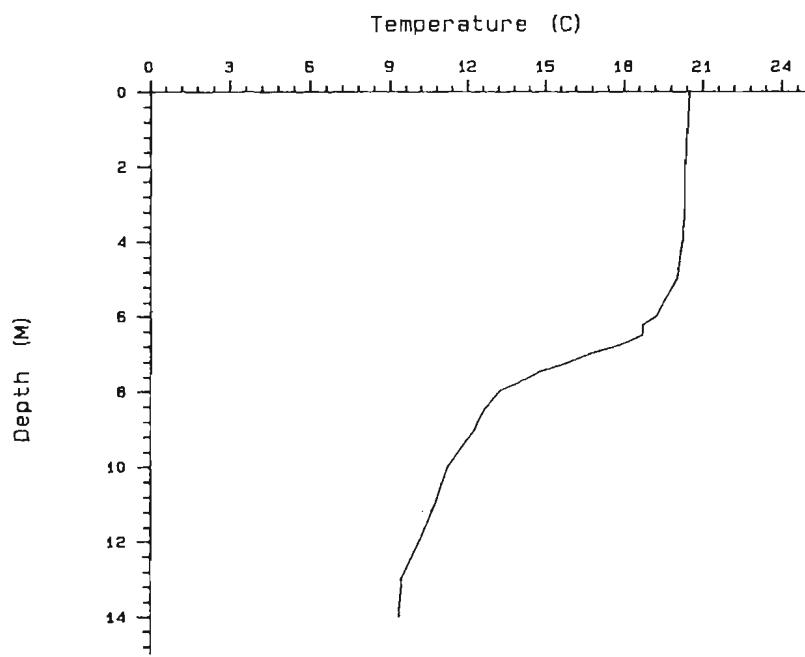
Temperature vs Depth L223 (Day 170)



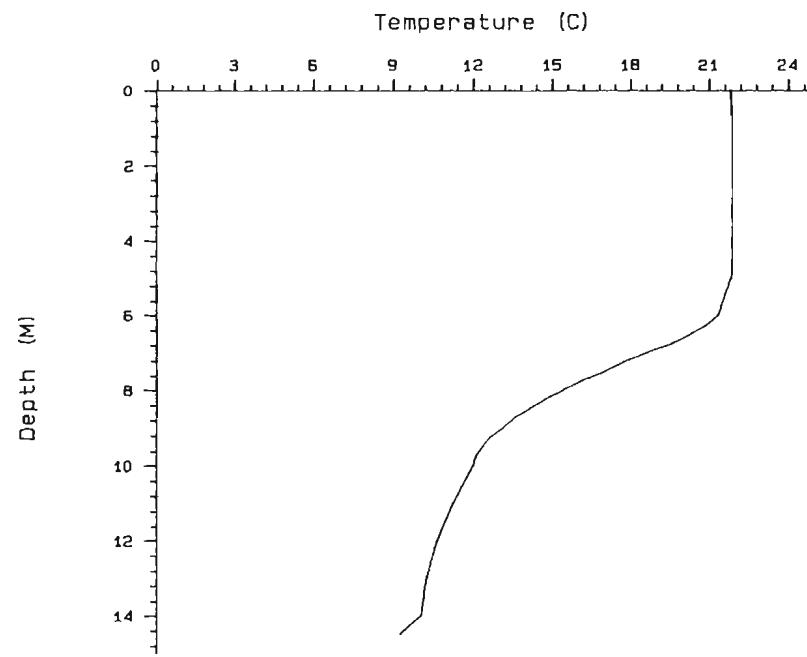
Temperature vs Depth L223 (Day 177)



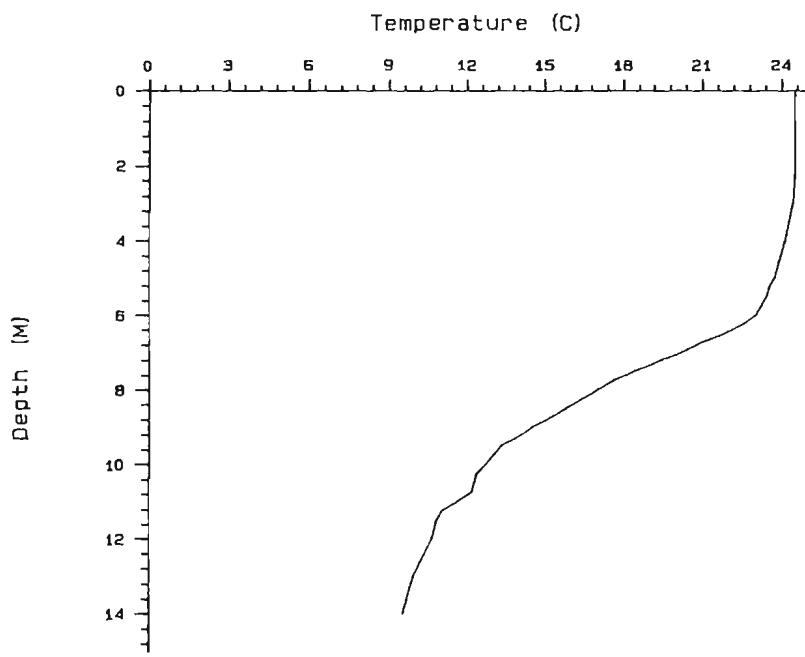
Temperature vs Depth L223 (Day 191)



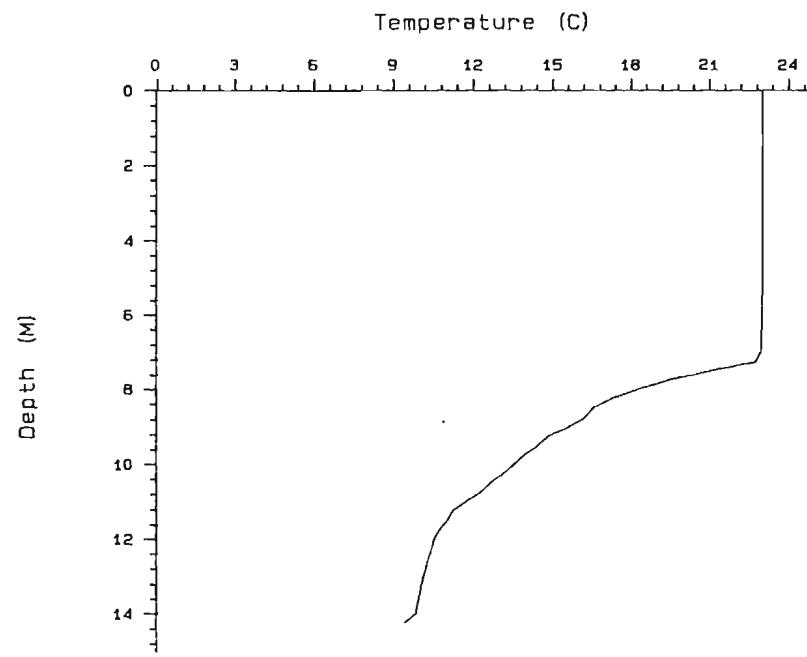
Temperature vs Depth L223 (Day 205)



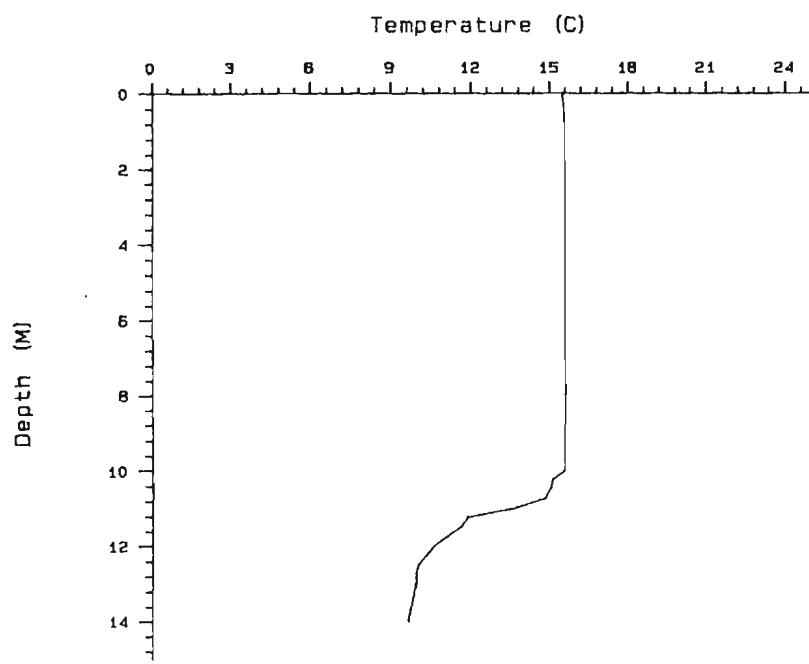
Temperature vs Depth L223 (Day 219)



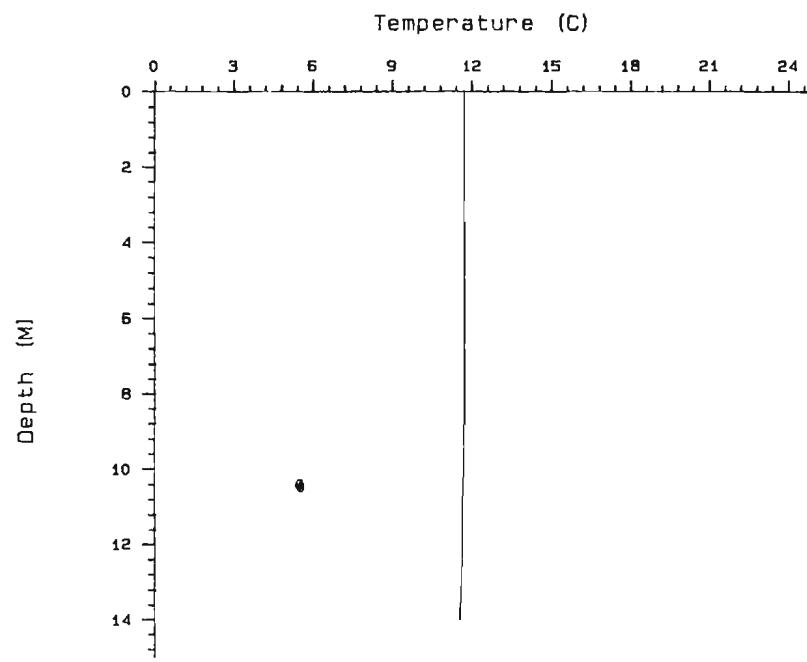
Temperature vs Depth L223 (Day 233)



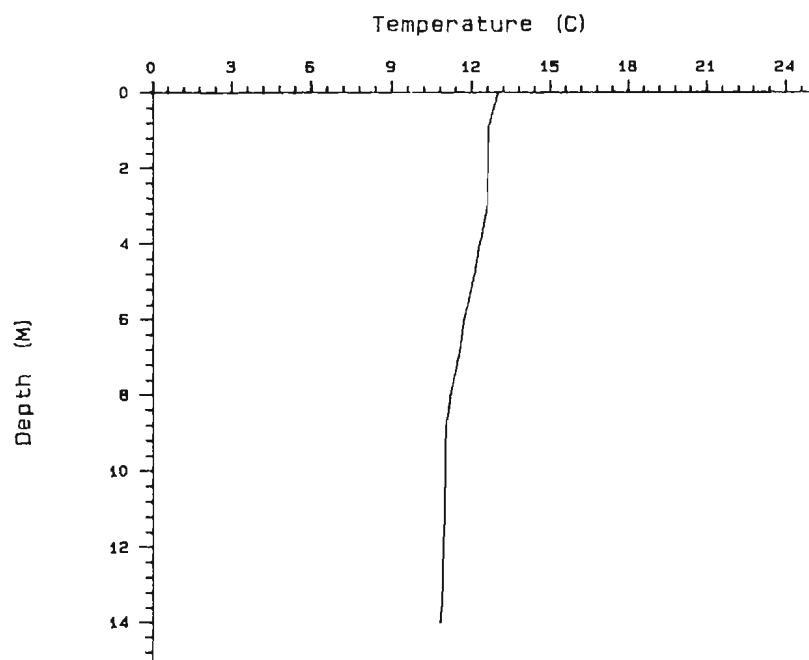
Temperature vs Depth L223 (Day 261)



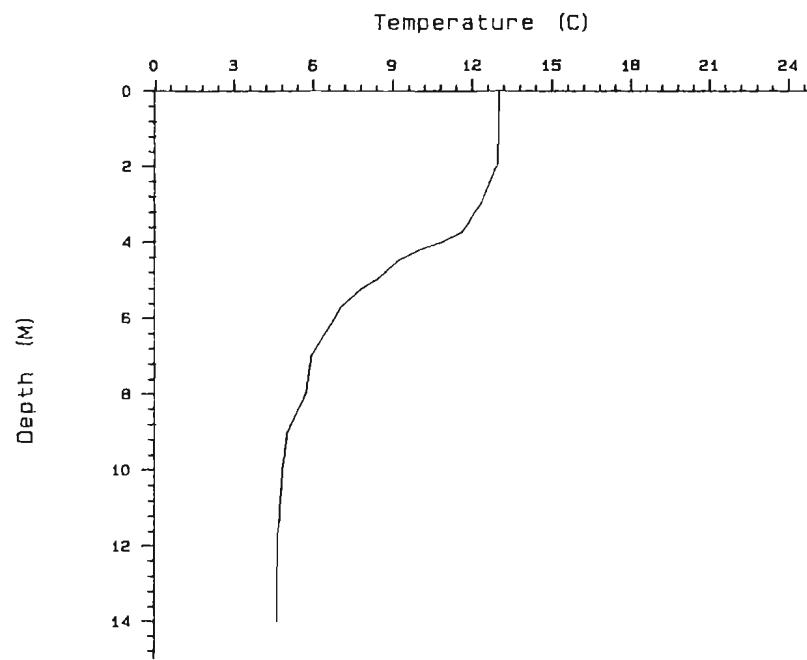
Temperature vs Depth L223 (Day 275)



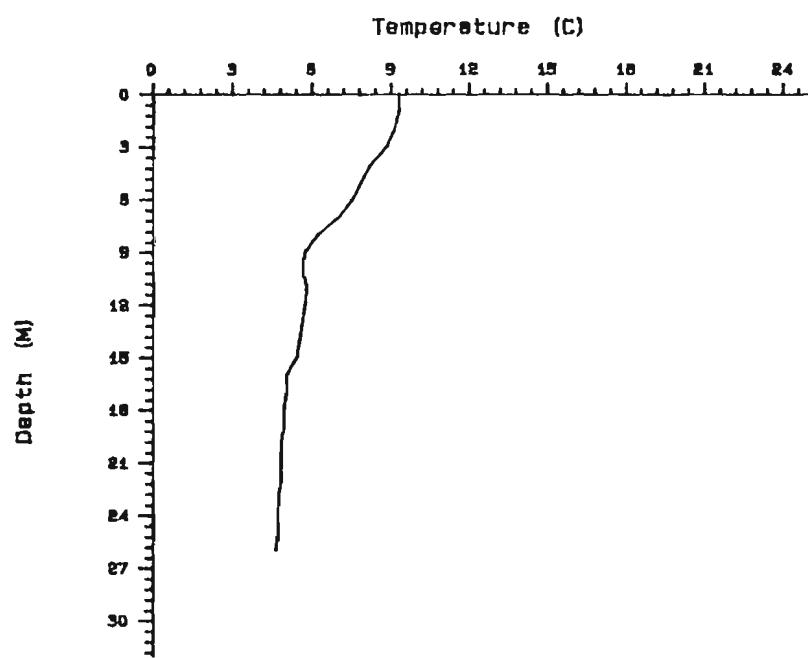
Temperature vs Depth L223 (Day 289)



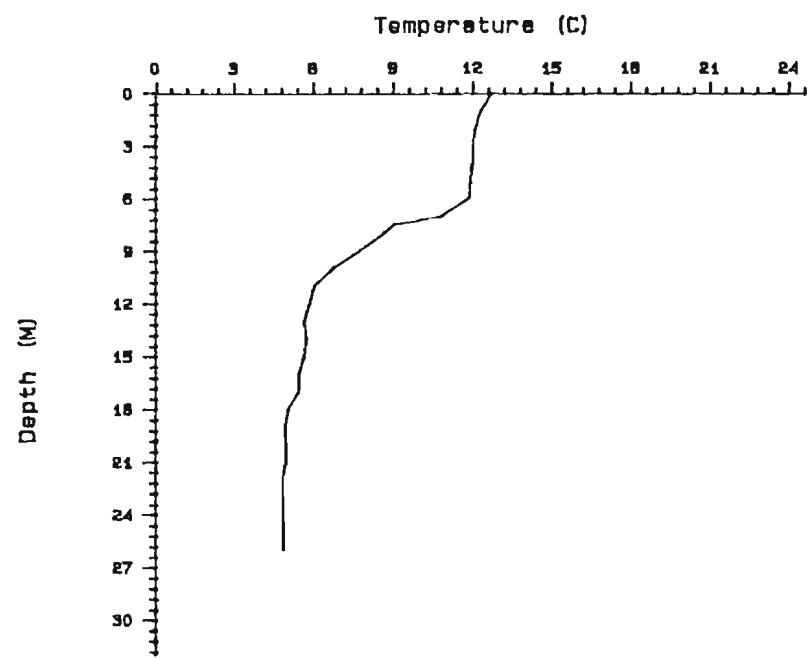
Temperature vs Depth L226NE (Day 143)



Temperature vs Depth L224 (Day 135)

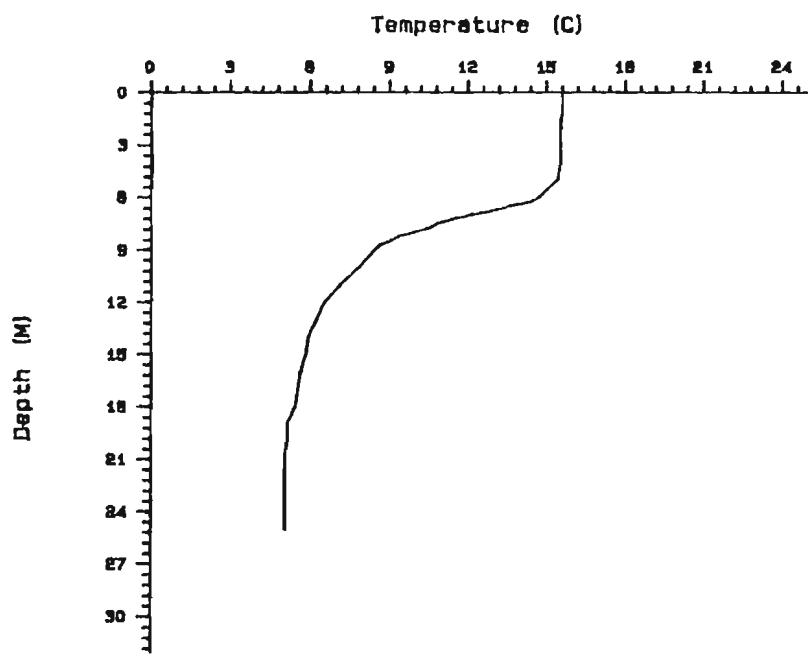


Temperature vs Depth L224 (Day 149)

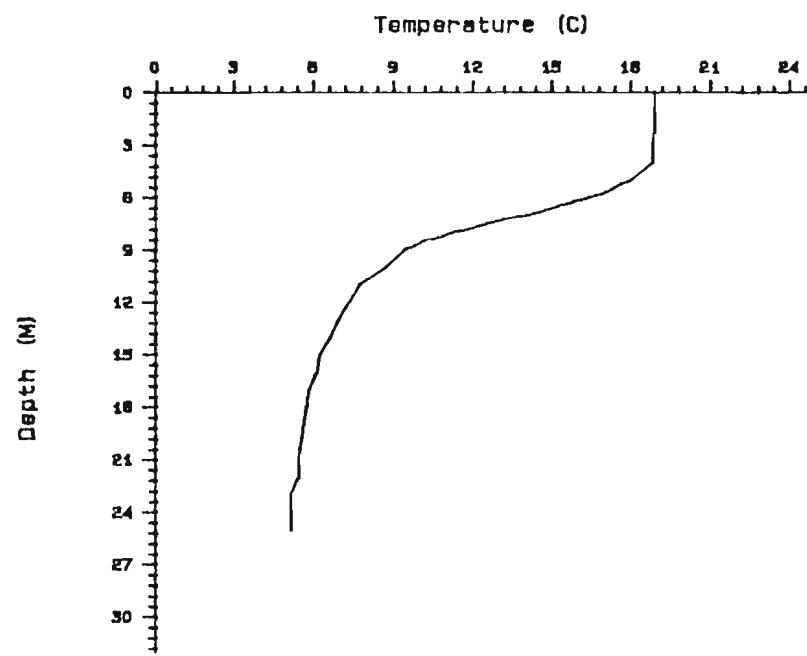


145

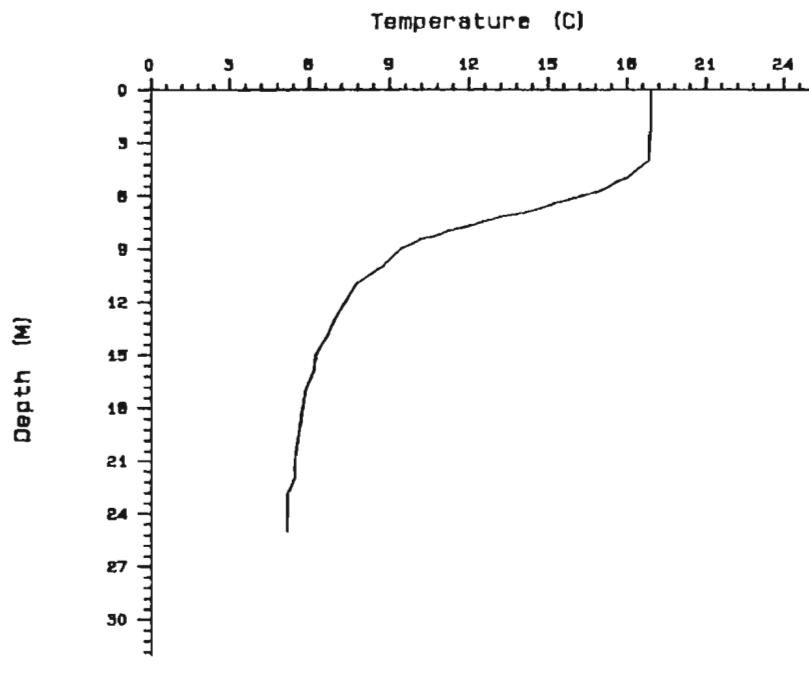
Temperature vs Depth L224 (Day 183)



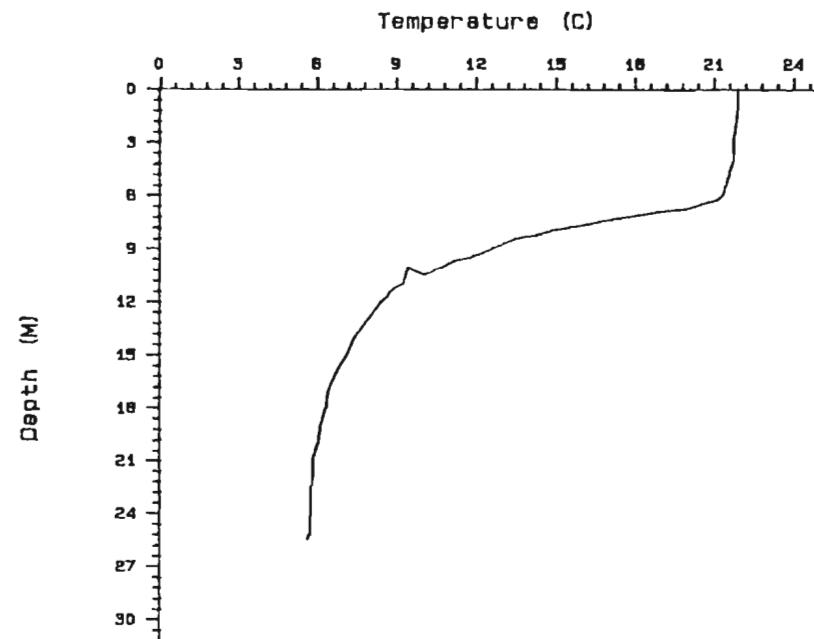
Temperature vs Depth L224 (Day 177)



Temperature vs Depth L224 Day 191

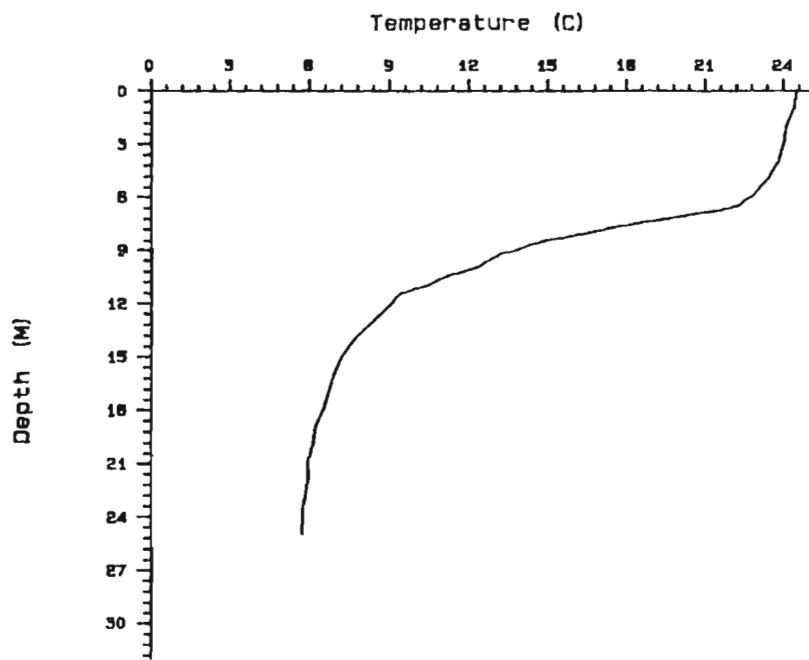


Temperature vs Depth L224 Day 205

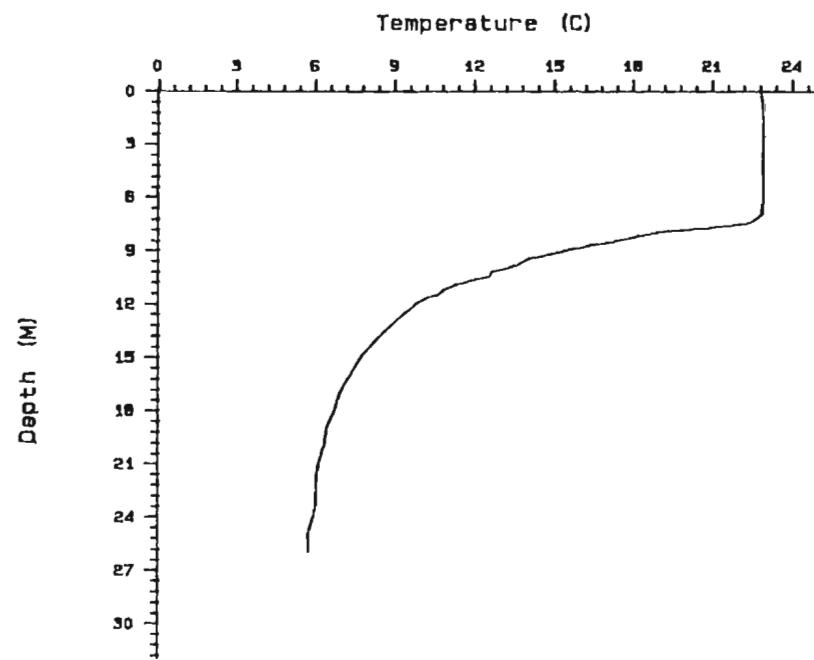


146

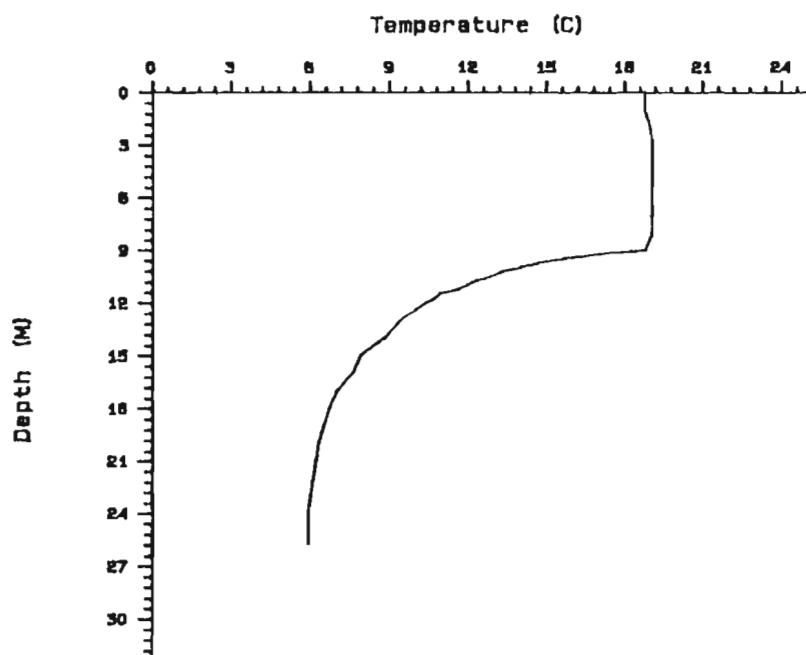
Temperature vs Depth L224 Day 219



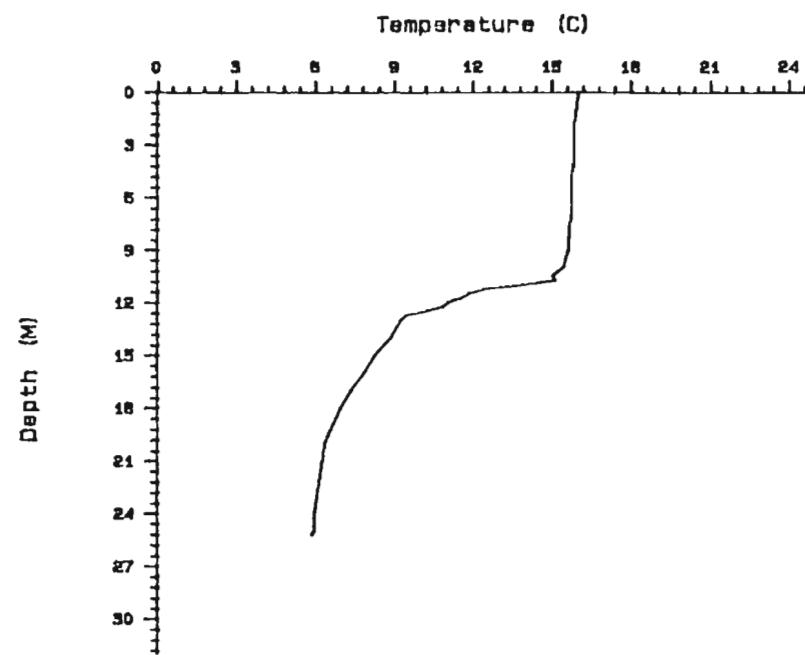
Temperature vs Depth L224 Day 233



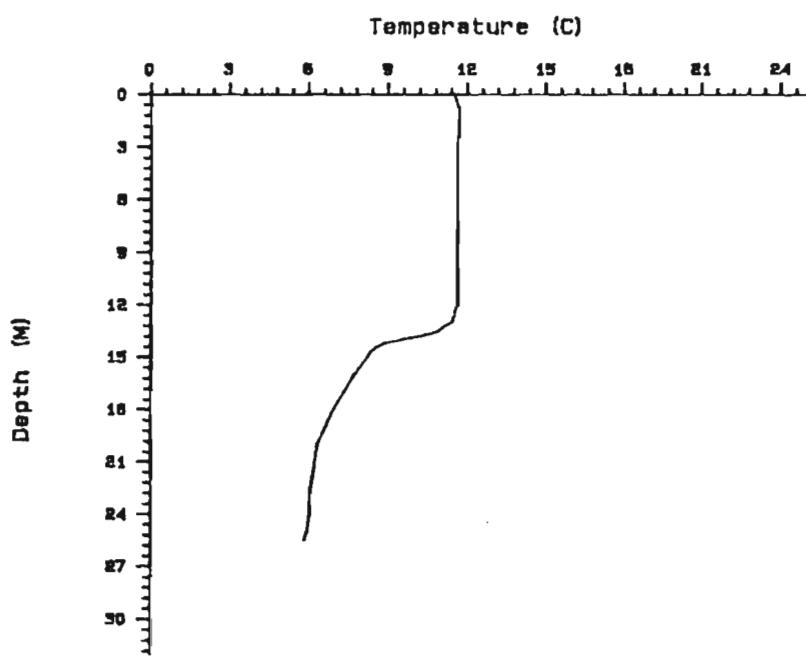
Temperature vs Depth L224 Day 247



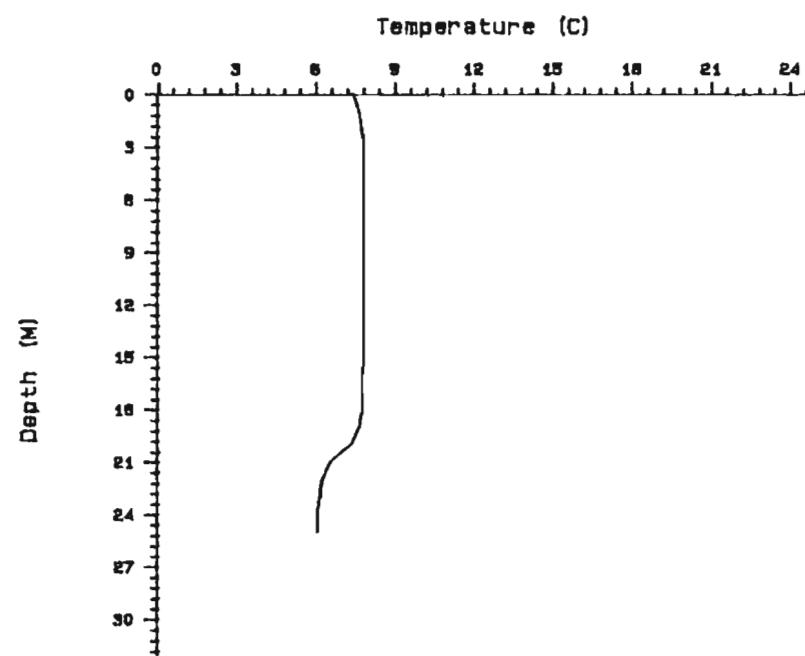
Temperature vs Depth L224 Day 261



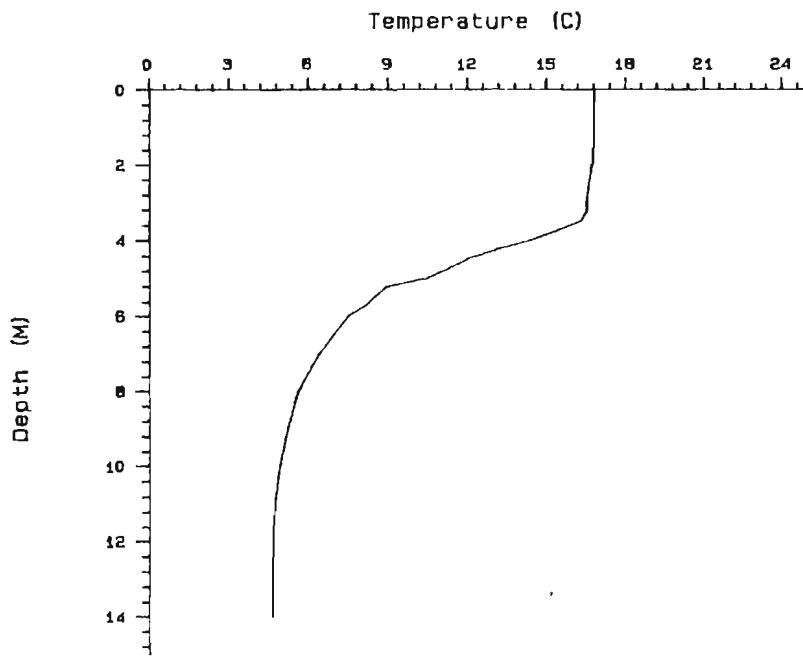
Temperature vs Depth L224 Day 275



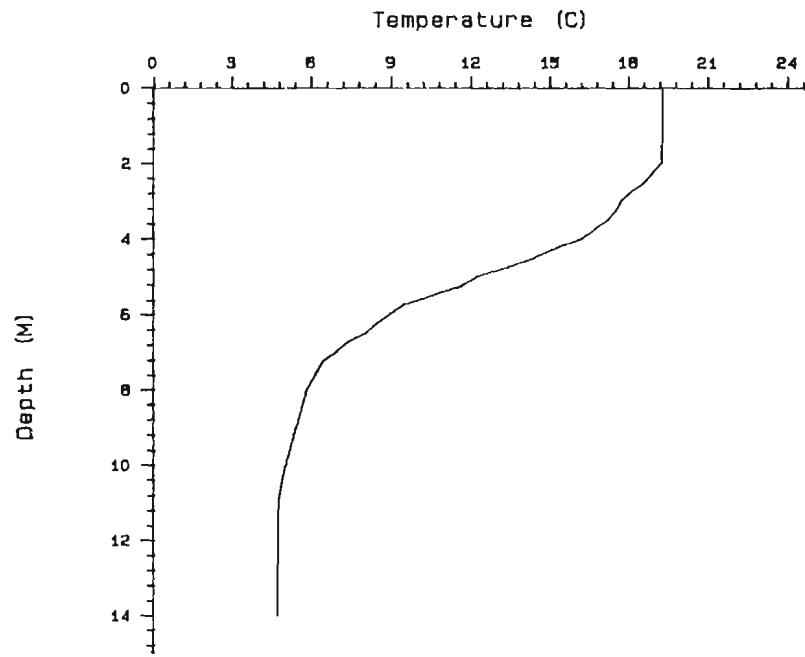
Temperature vs Depth L224 Day 303



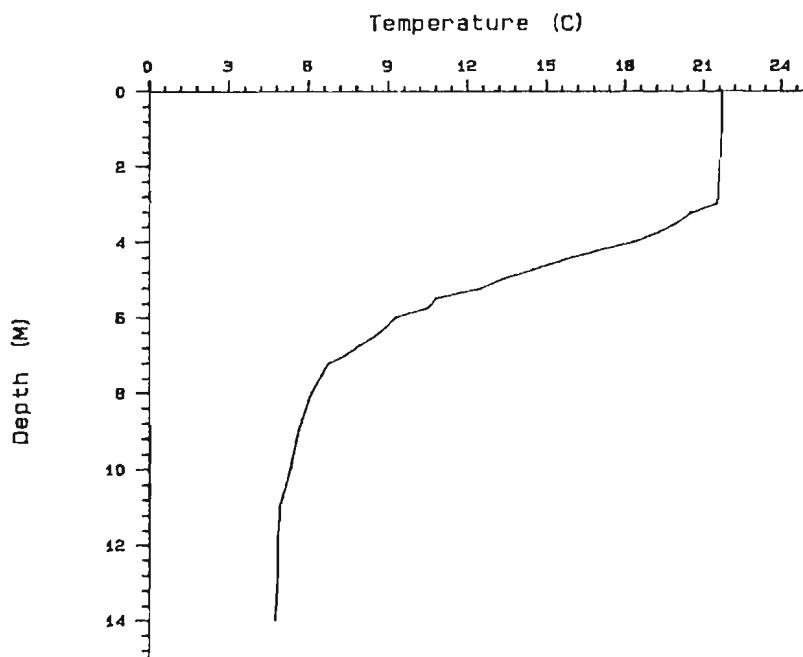
Temperature vs Depth L226NE (Day 158)



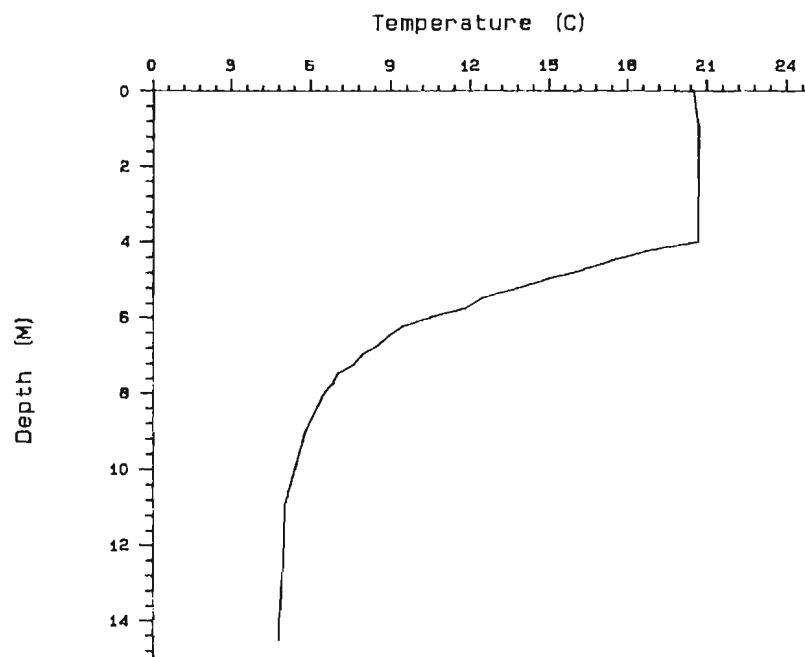
Temperature vs Depth L226NE (Day 171)



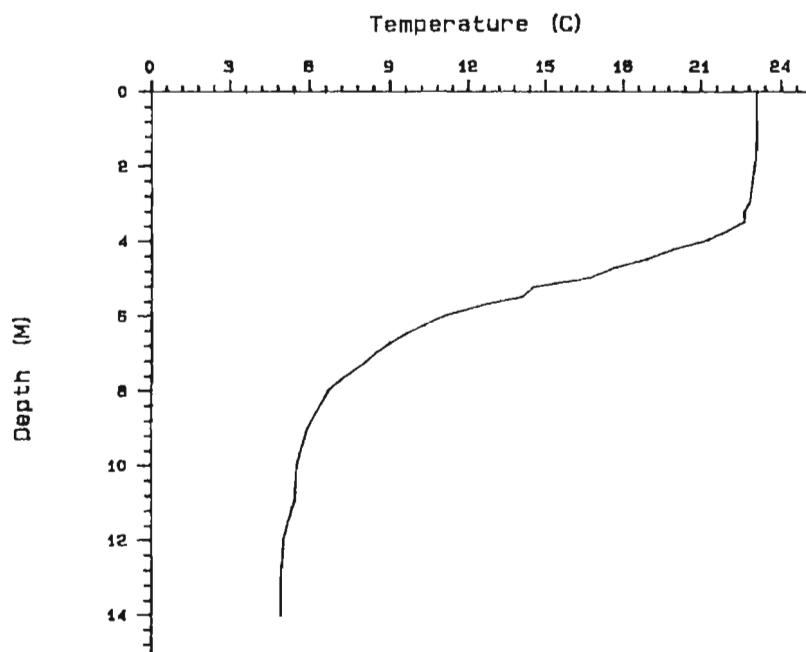
Temperature vs Depth L226NE (Day 186)



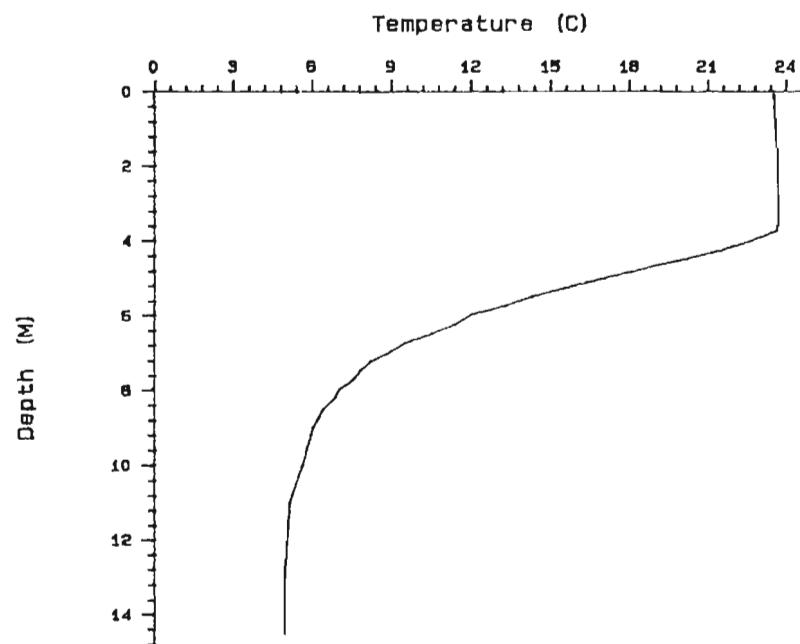
Temperature vs Depth L226NE (Day 199)



Temperature vs Depth L226NE Day 214

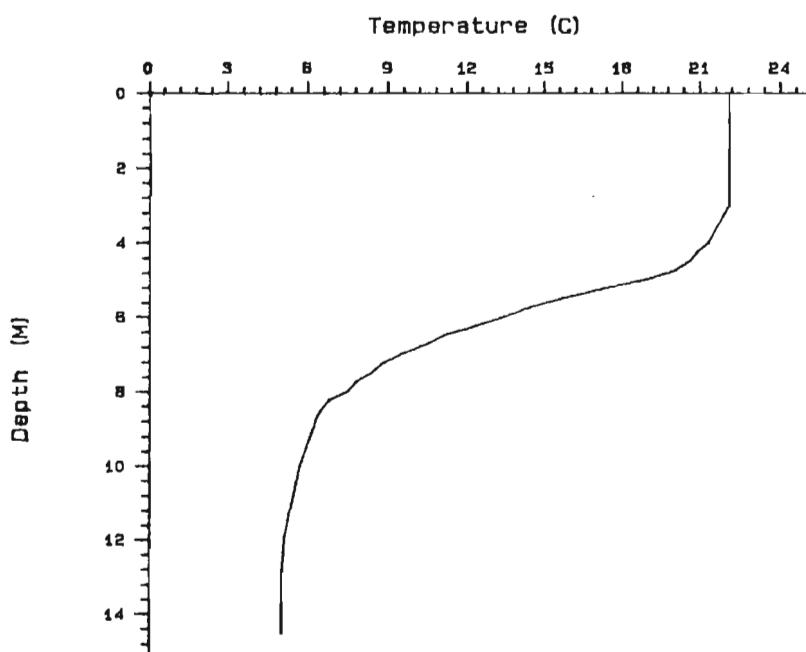


Temperature vs Depth L226NE Day 228

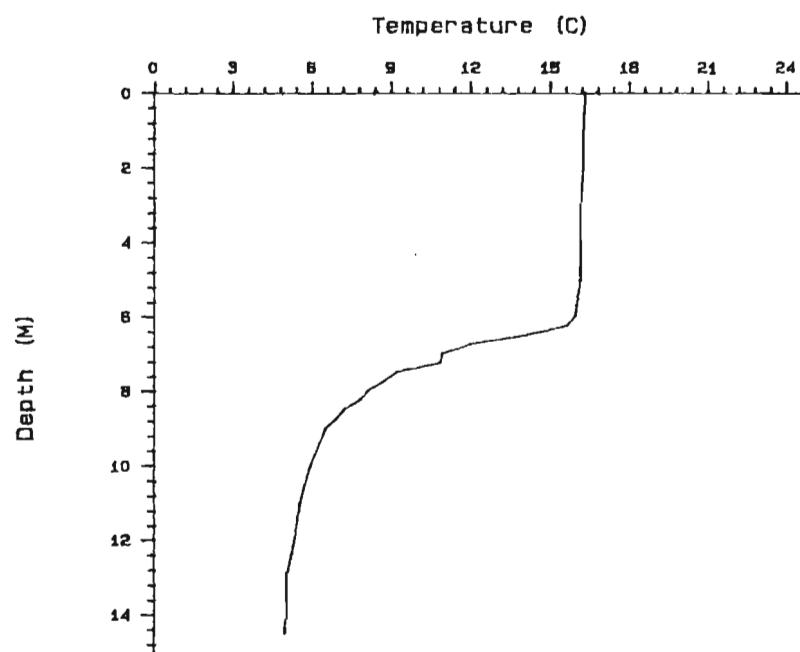


149

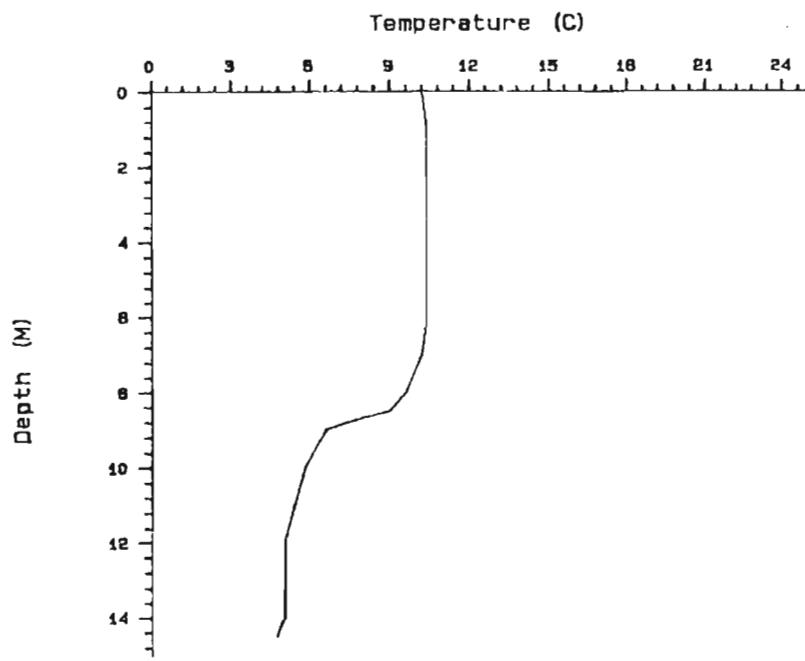
Temperature vs Depth L226NE Day 242



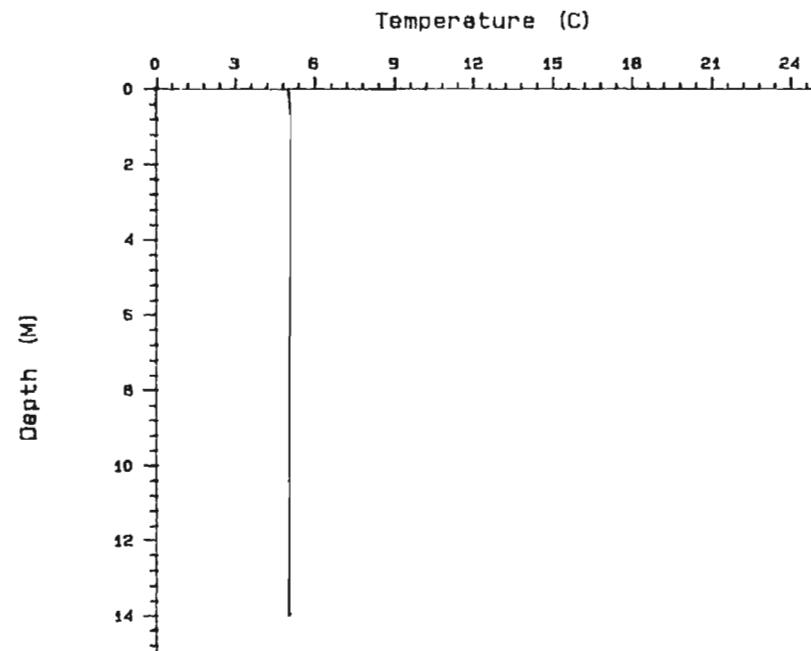
Temperature vs Depth L226NE Day 255



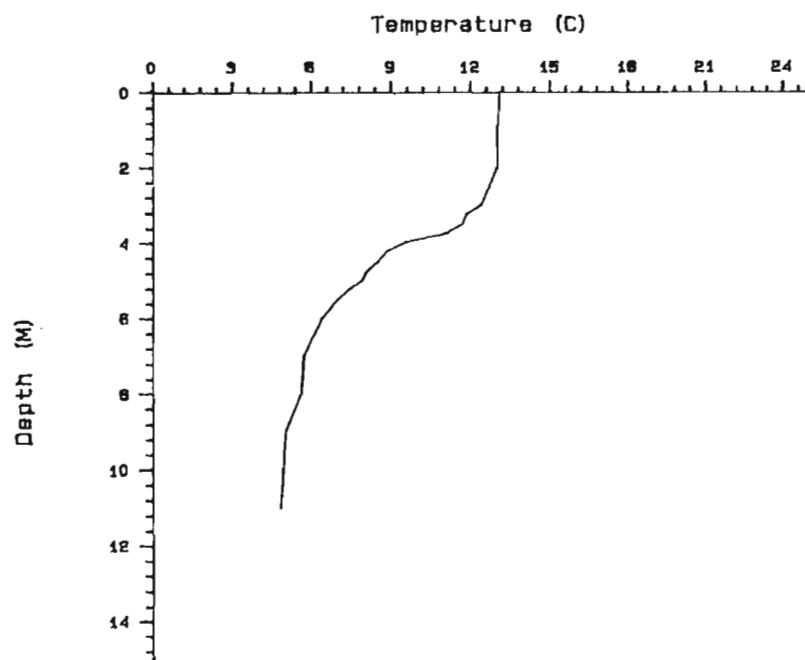
Temperature vs Depth L228NE (Day 271)



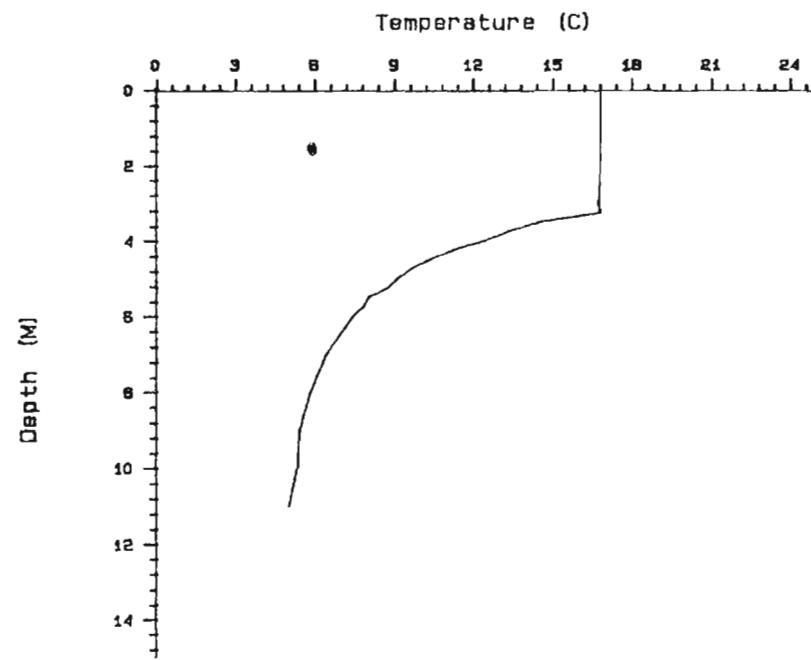
Temperature vs Depth L228NE (Day 304)



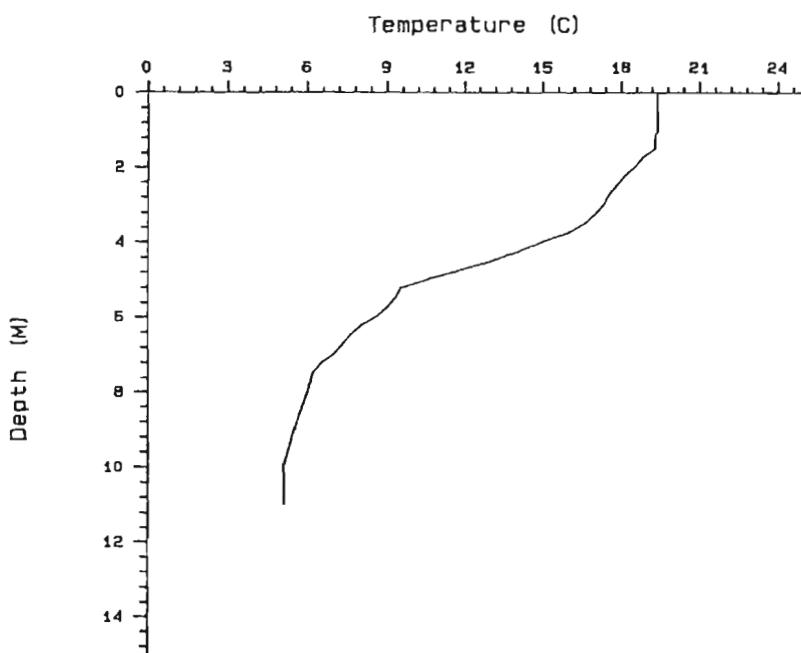
Temperature vs Depth L228SW (Day 143)



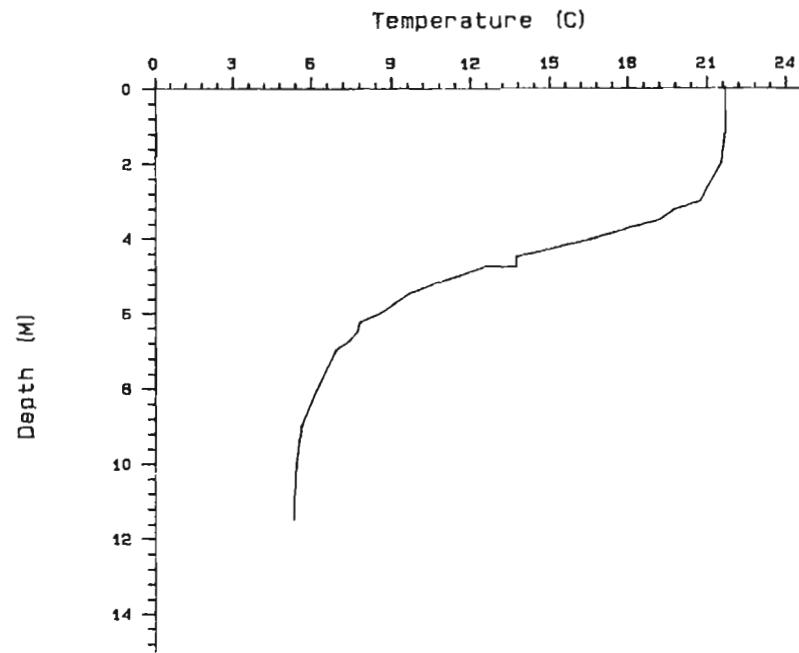
Temperature vs Depth L228SW (Day 158)



Temperature vs Depth L226SW (Day 171)

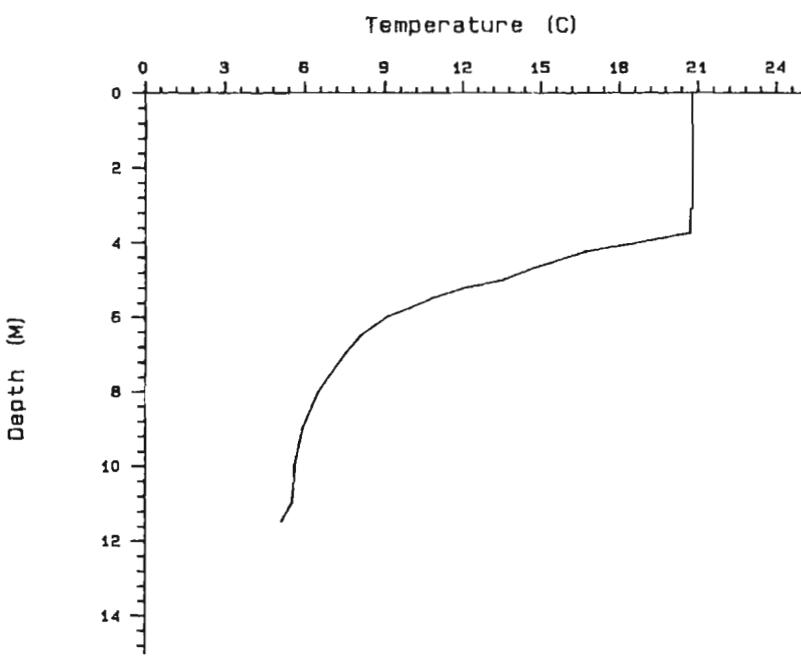


Temperature vs Depth L226SW (Day 186)

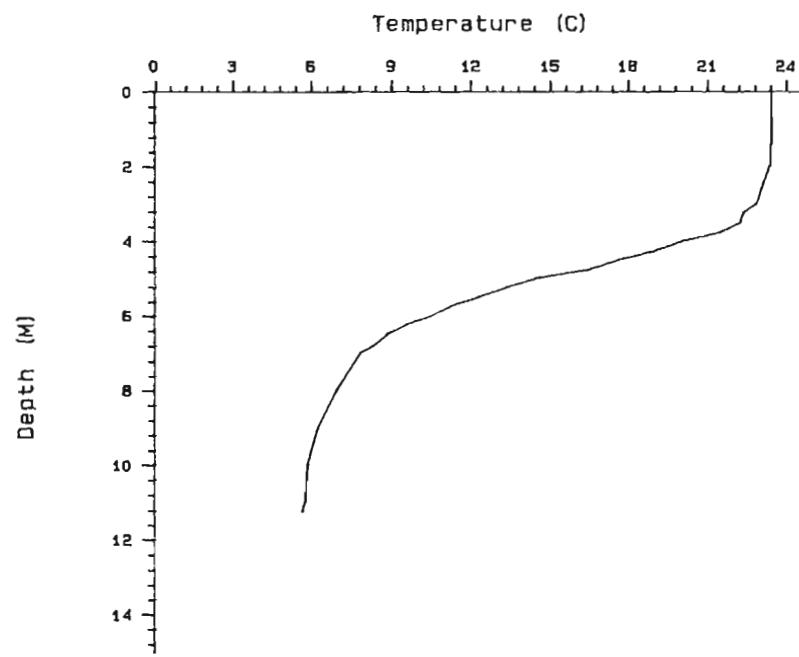


151

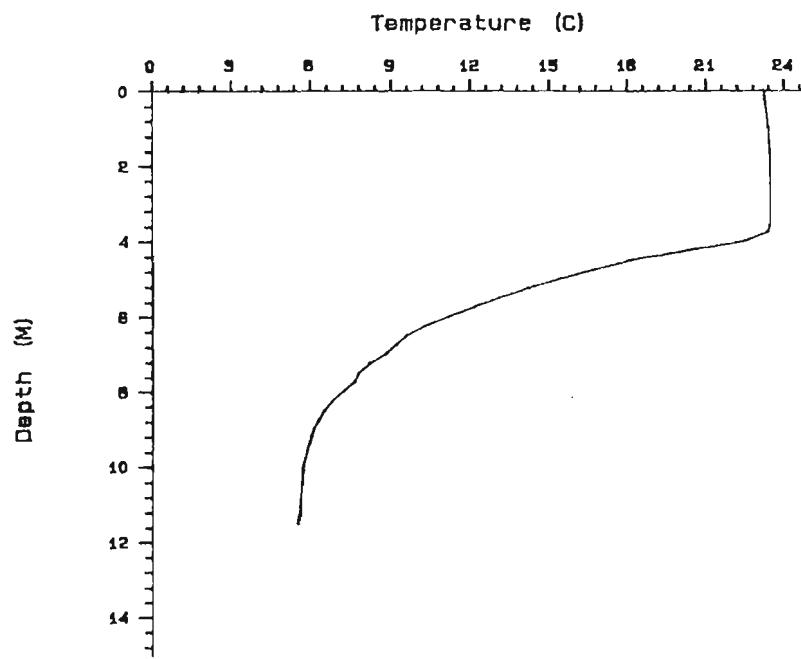
Temperature vs Depth L266SW (Day 199)



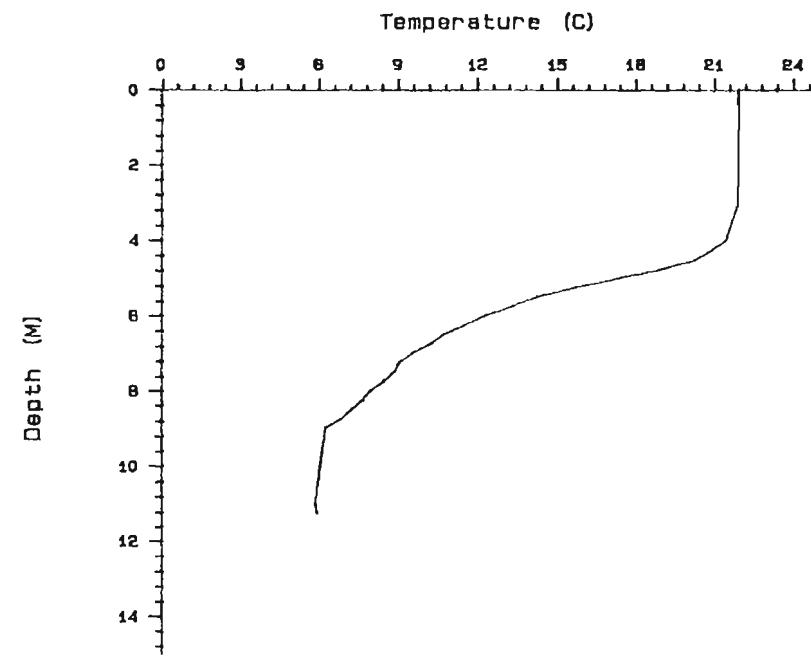
Temperature vs Depth L226SSW (Day 214)



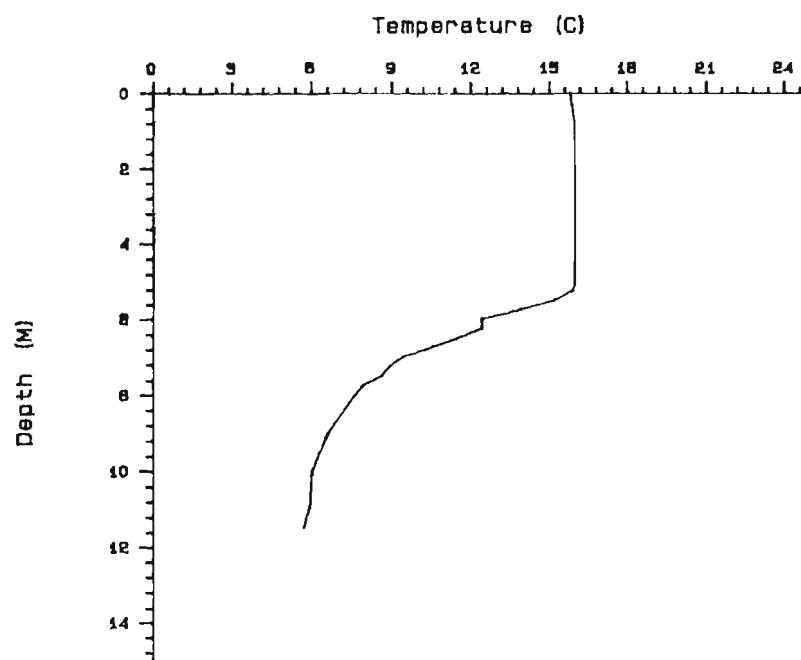
Temperature vs Depth L226SM (Day 228)



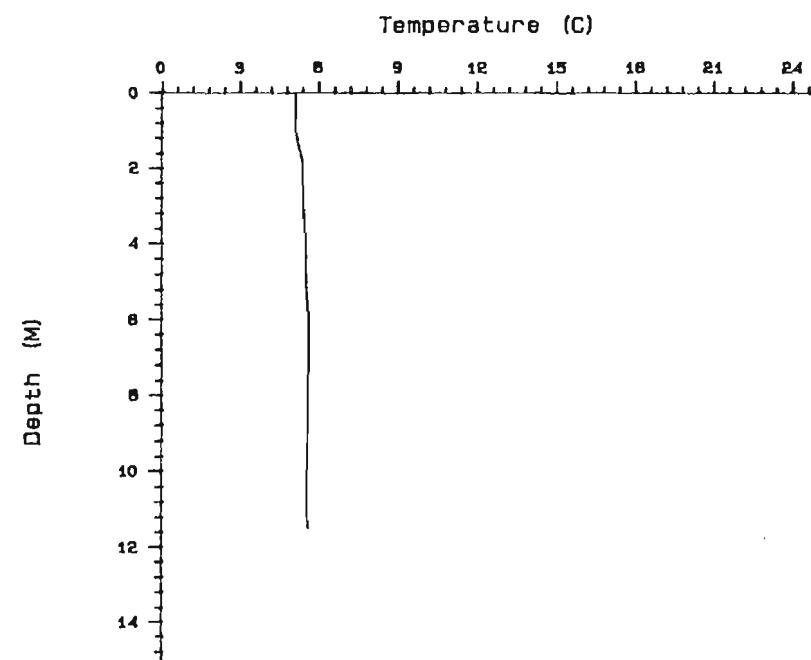
Temperature vs Depth L226SM (Day 242)



Temperature vs Depth L226SM (Day 255)

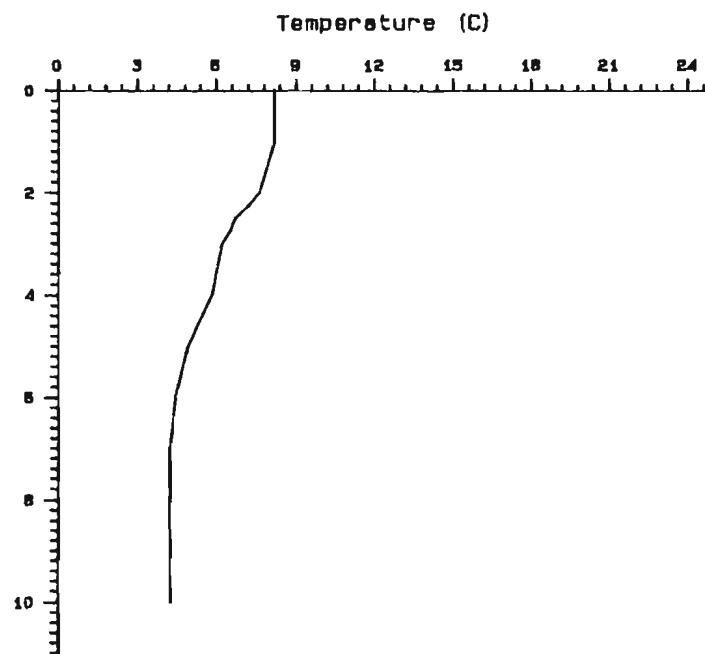


Temperature vs Depth L226SM (Day 304)



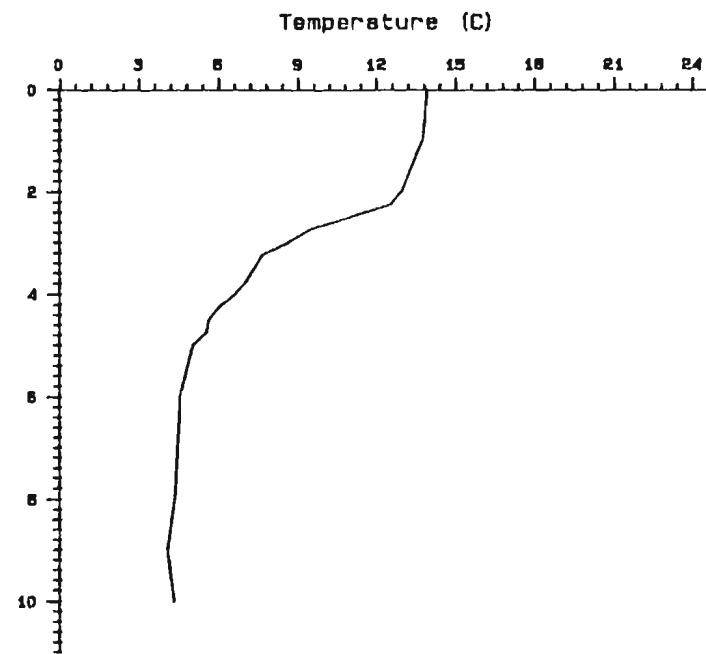
Temperature vs Depth L227 (Day 129)

Depth (M)



Temperature vs Depth L227 (Day 143)

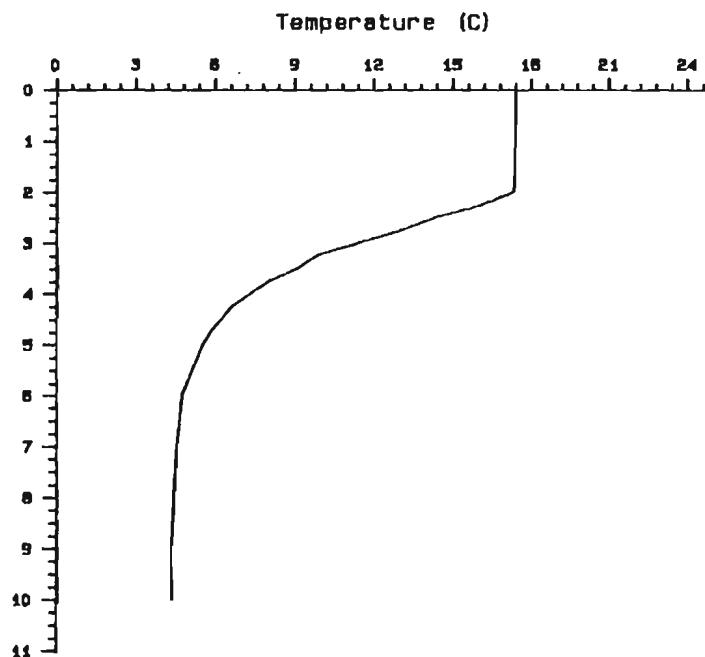
Depth (M)



153

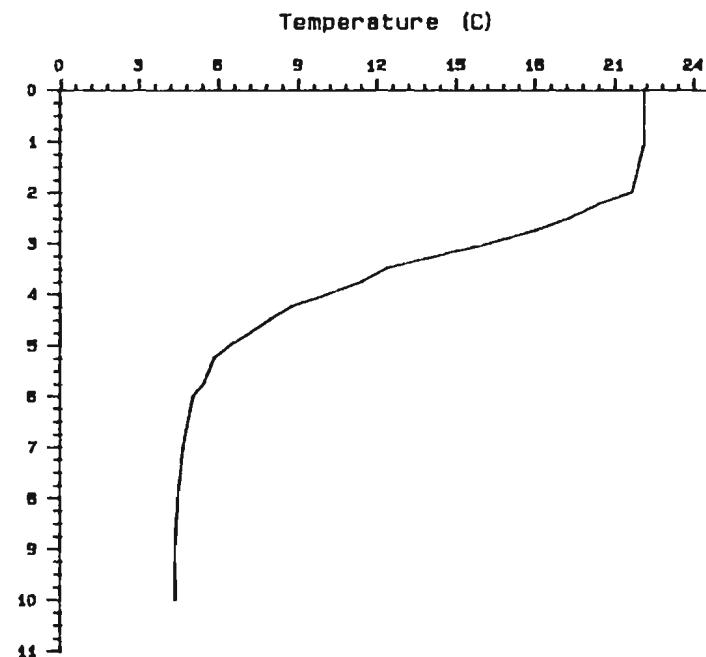
Temperature vs Depth L227 (Day 157)

Depth (M)

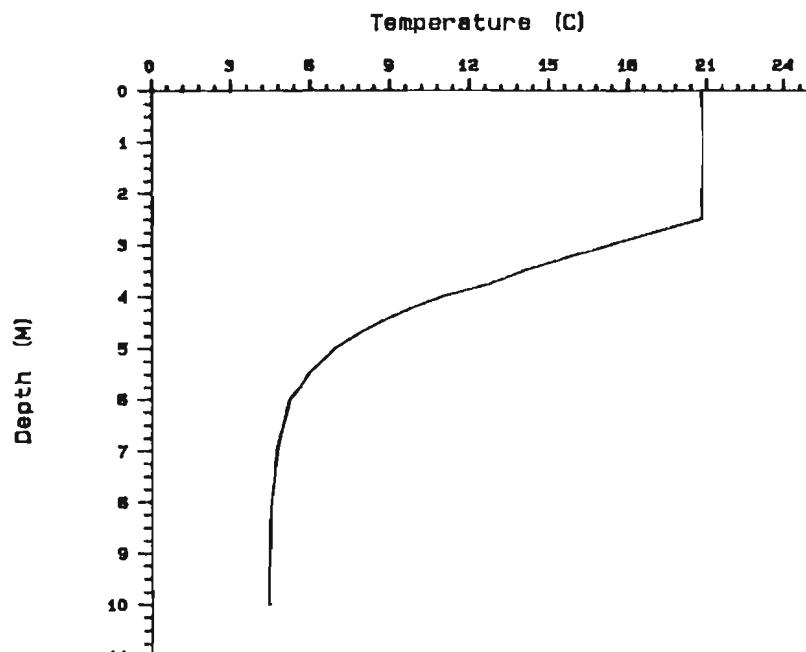


Temperature vs Depth L227 (Day 185)

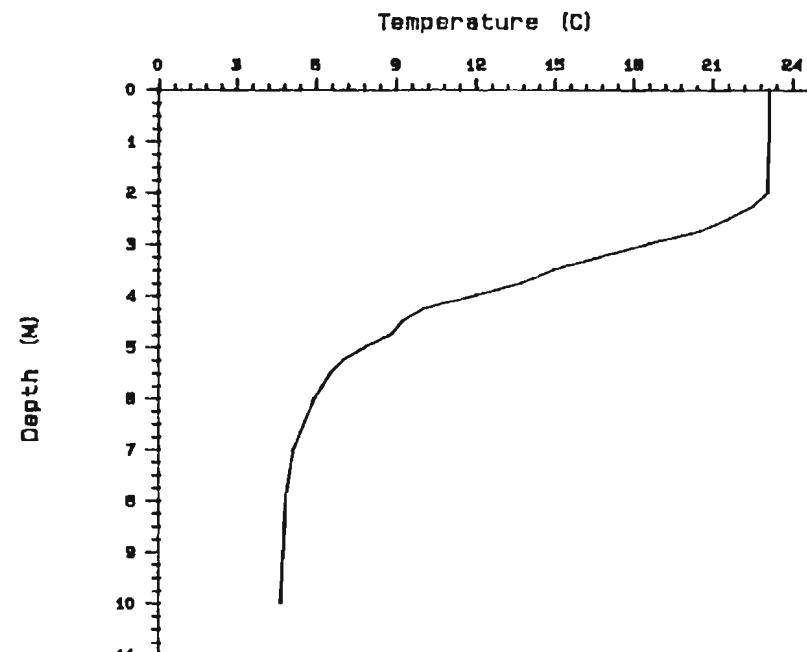
Depth (M)



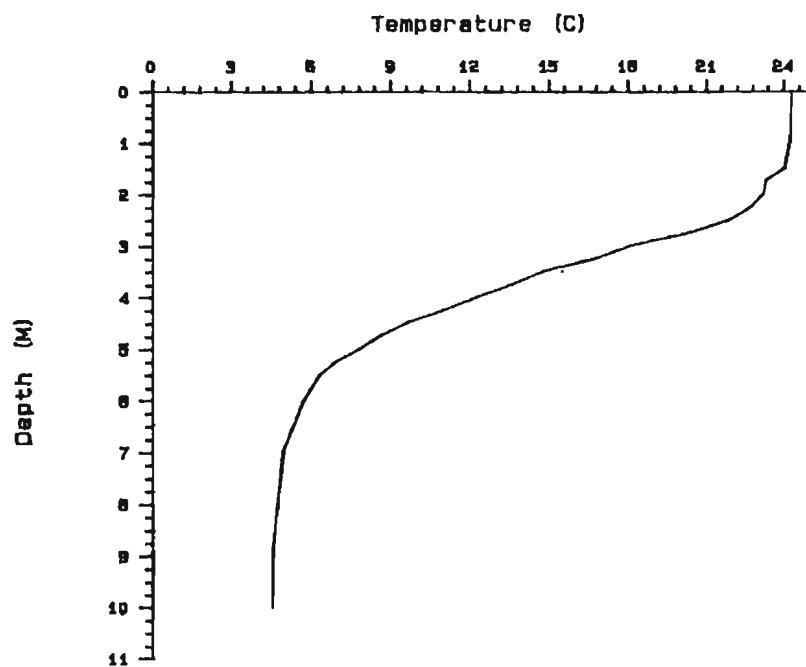
Temperature vs Depth L227 (Day 189)



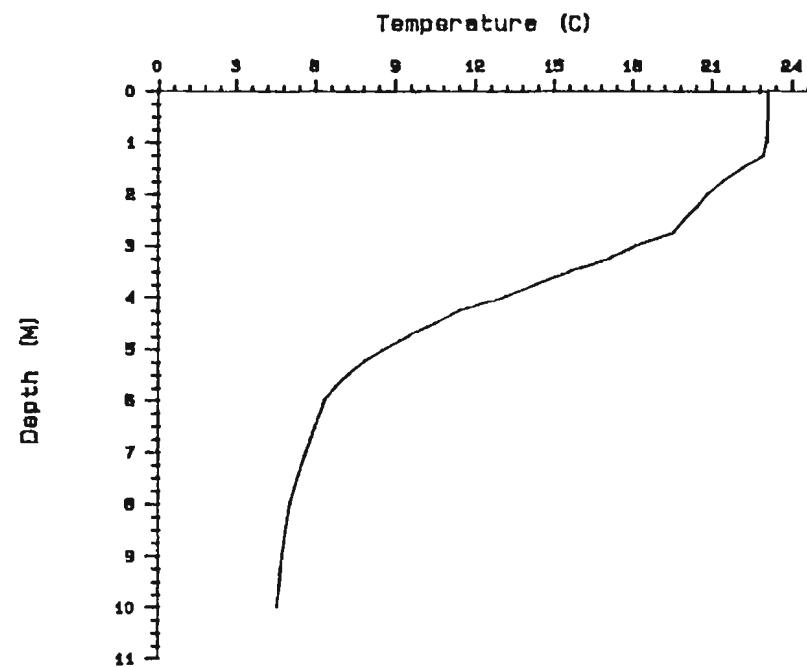
Temperature vs Depth L227 (Day 219)

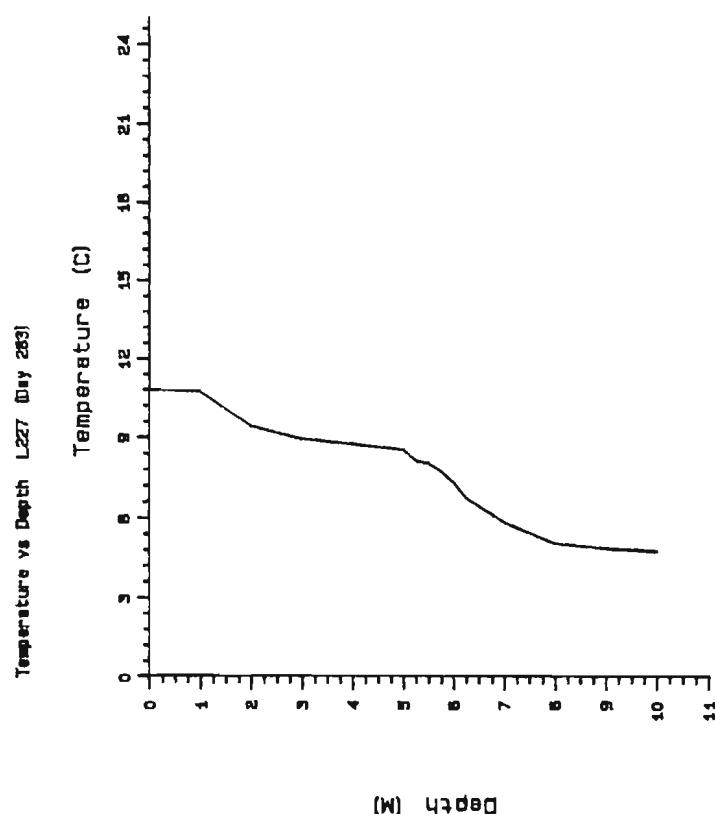
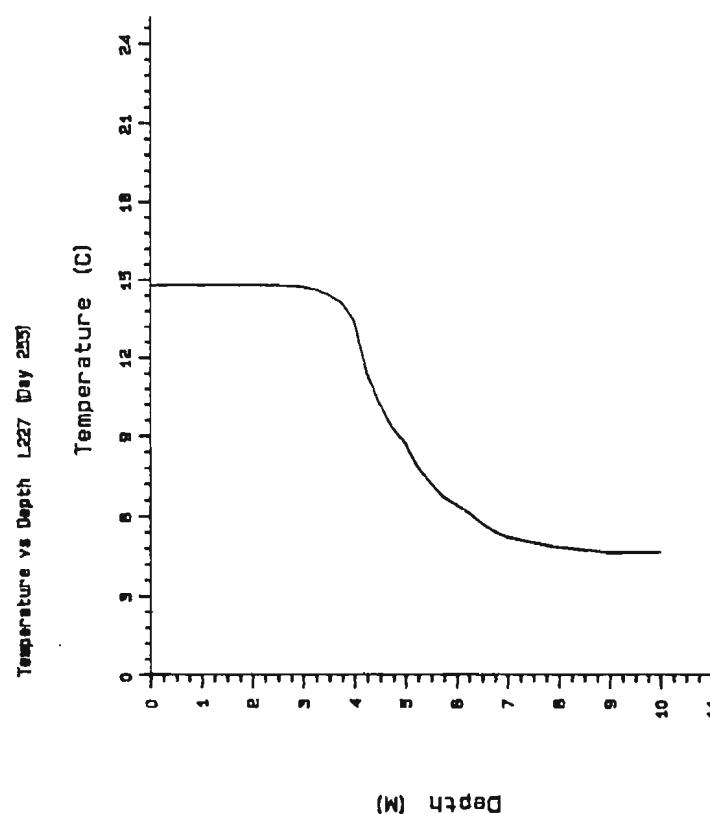
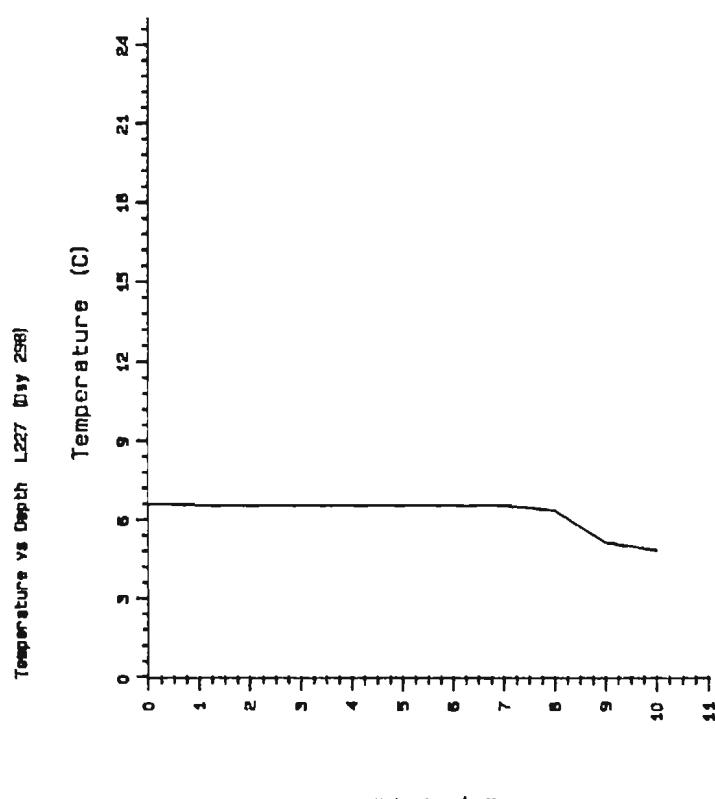
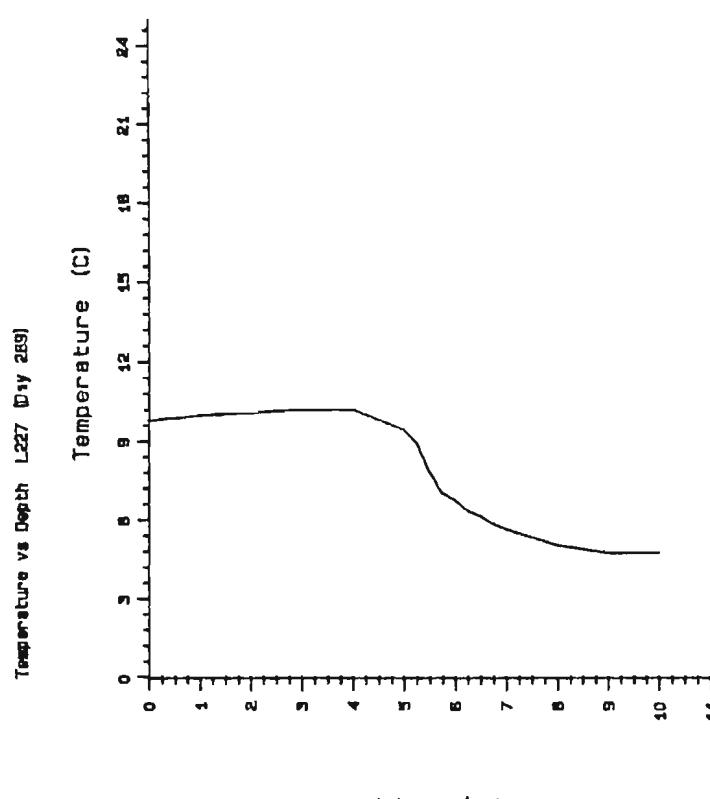


Temperature vs Depth L227 (Day 227)

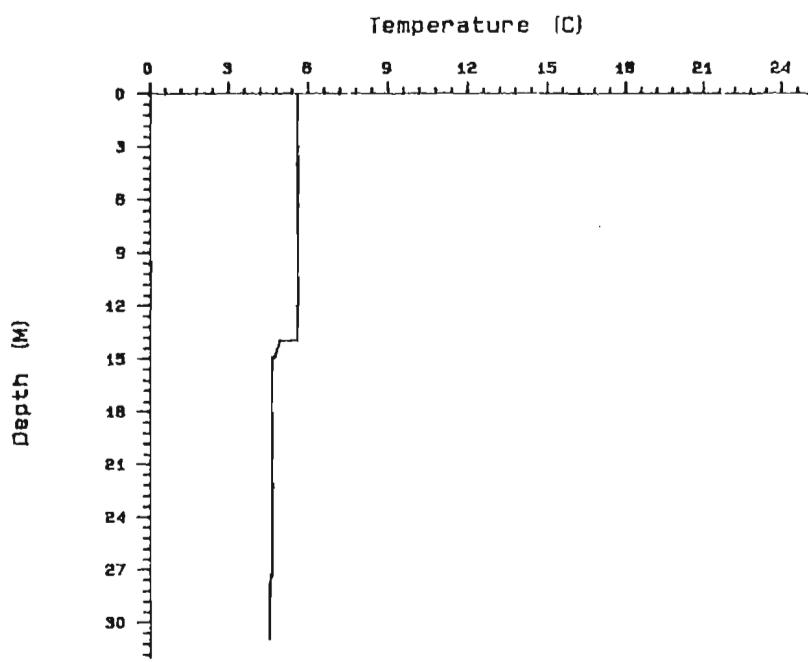


Temperature vs Depth L227 (Day 241)

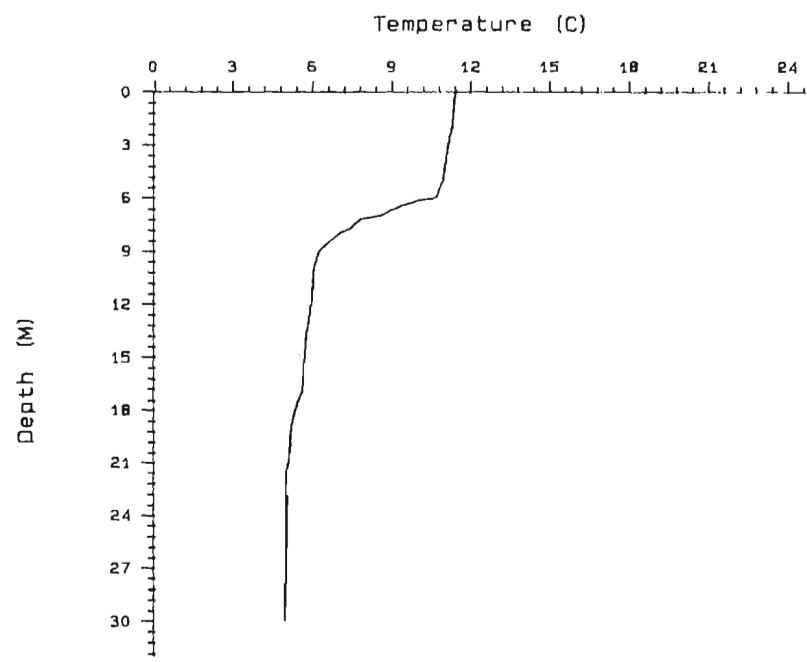




Temperature vs Depth L239 (Day 129)

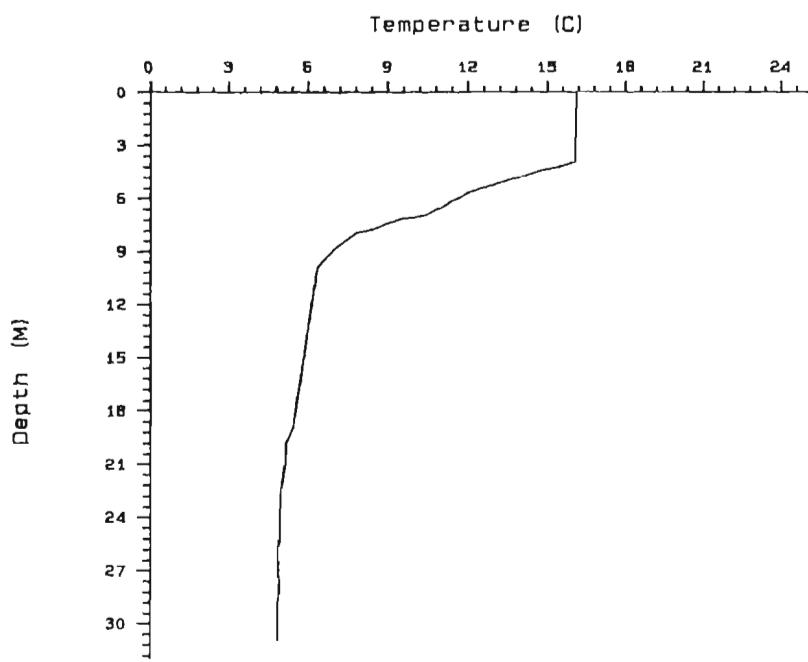


Temperature vs Depth L239 (Day 143)

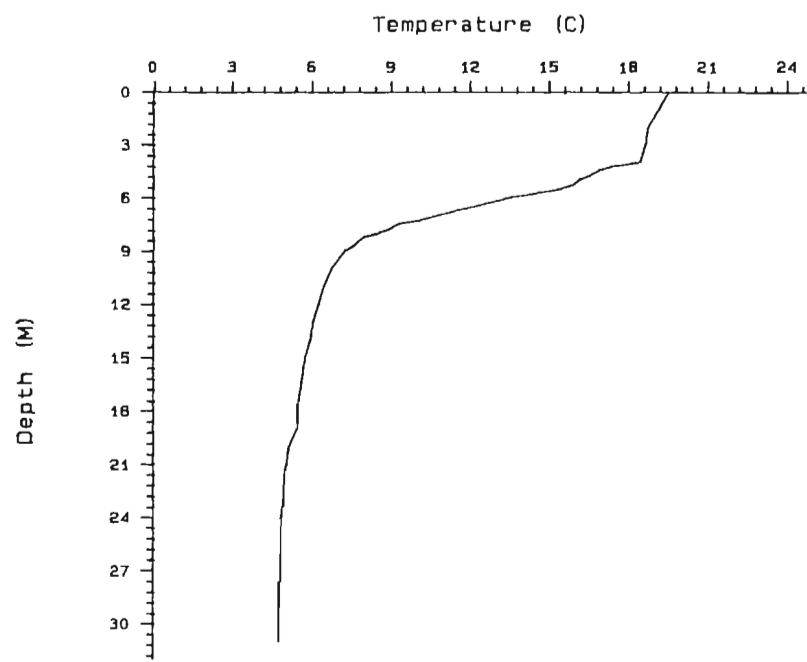


156

Temperature vs Depth L239 (Day 157)

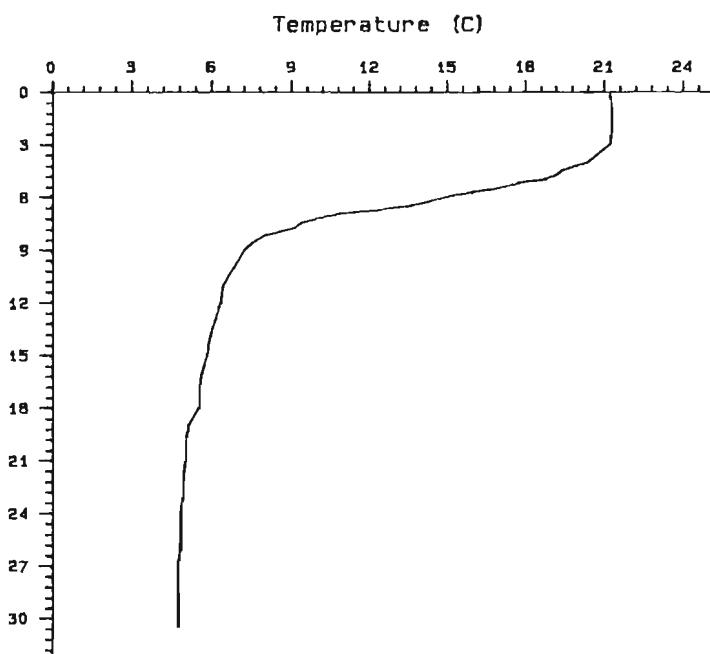


Temperature vs Depth L239 (Day 171)



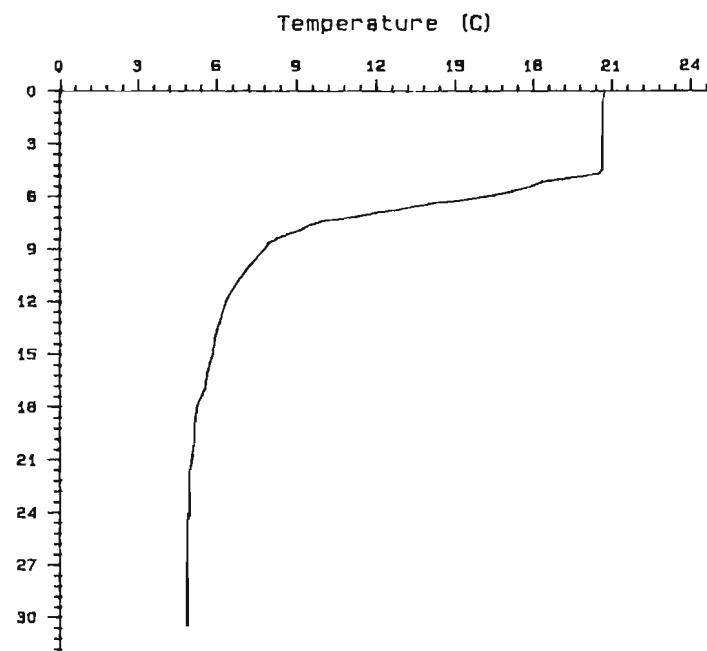
Temperature vs Depth L239 (Day 165)

Depth (M)



Temperature vs Depth L239 (Day 199)

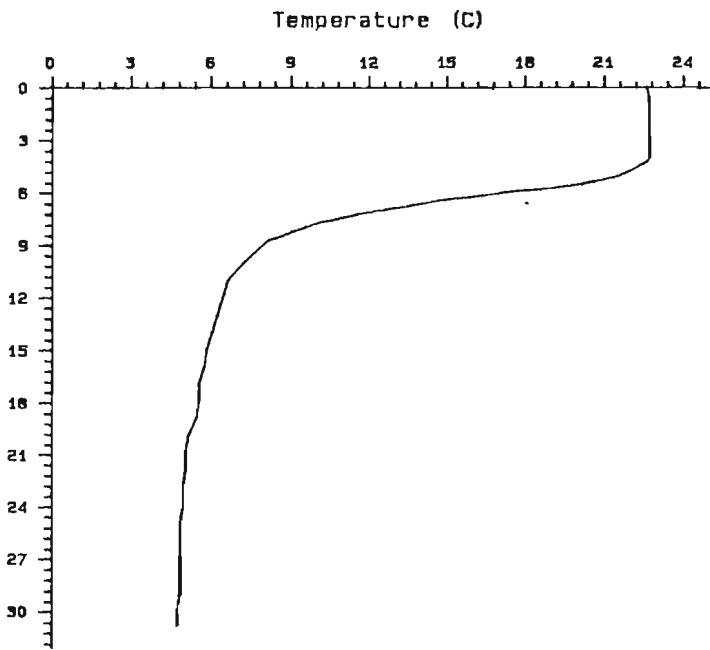
Depth (M)



157

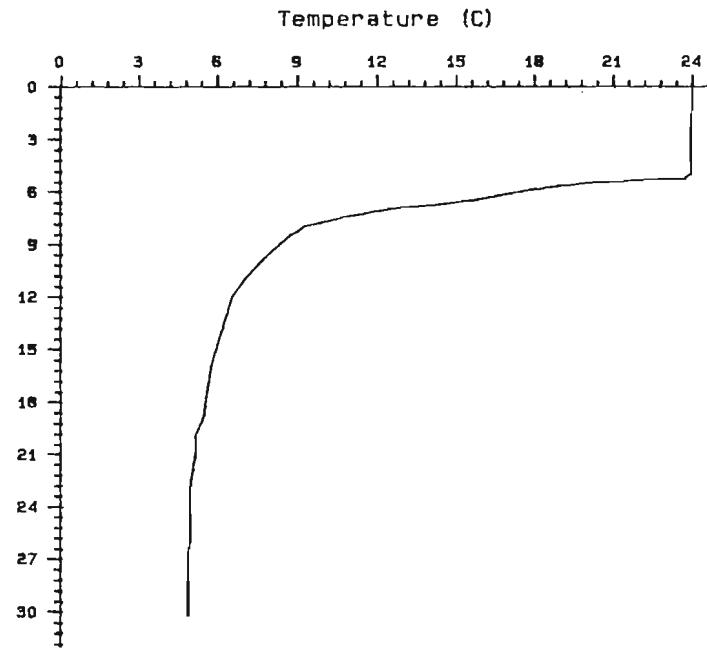
Temperature vs Depth L239 (Day 219)

Depth (M)

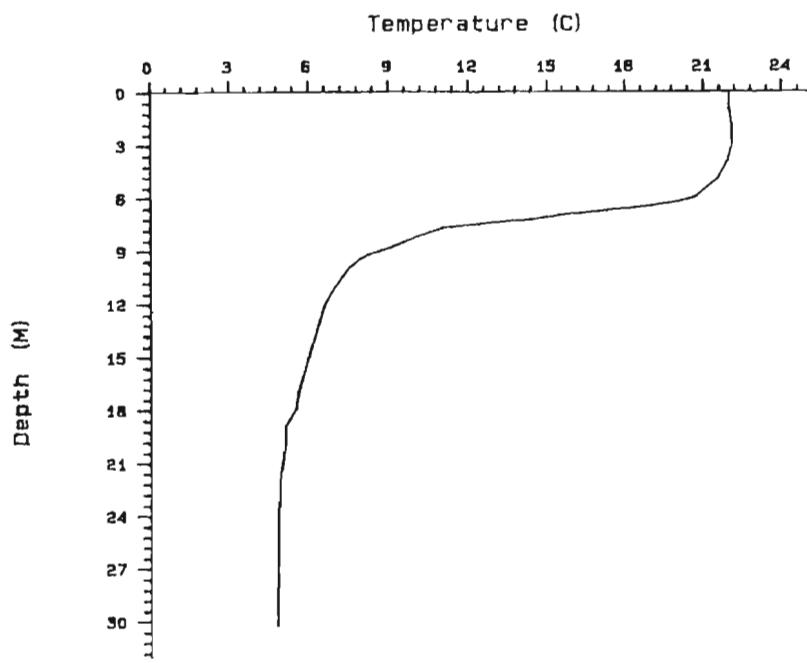


Temperature vs Depth L239 (Day 227)

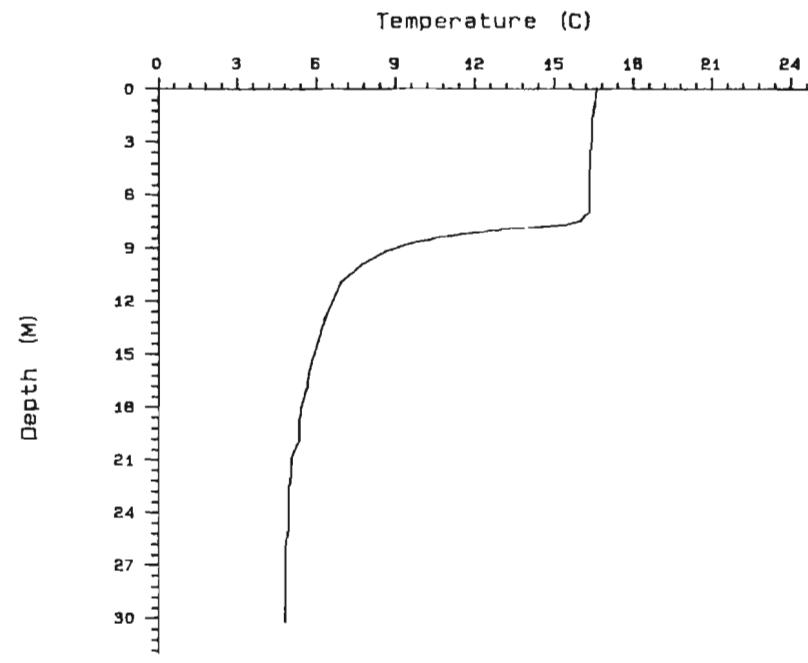
Depth (M)



Temperature vs Depth L239 (Day 24)

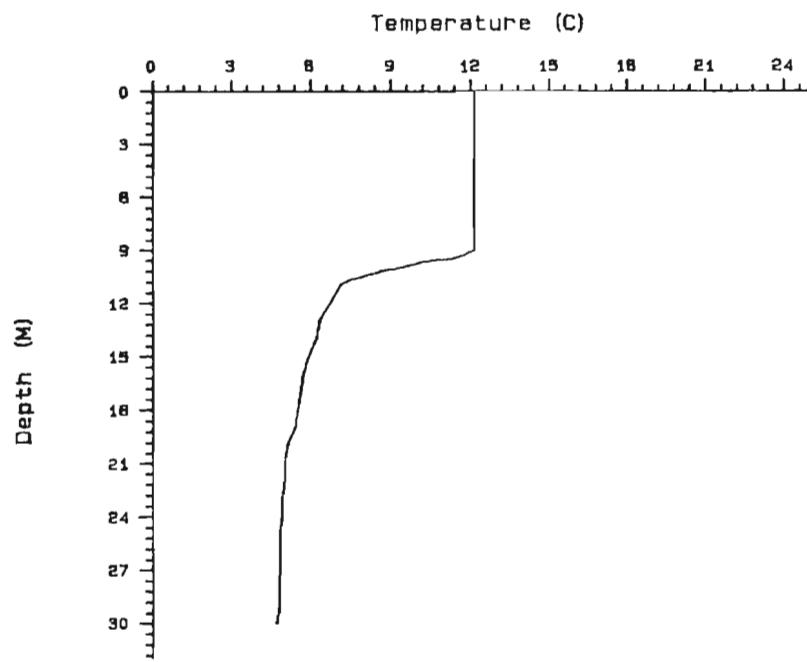


TEMPERATURE VS DEPTH L239 (DAY 255)

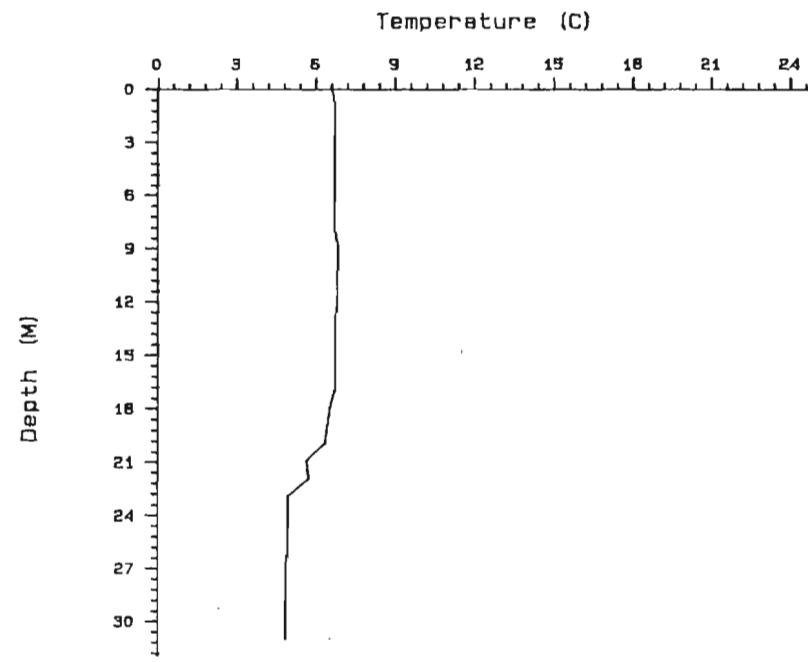


158

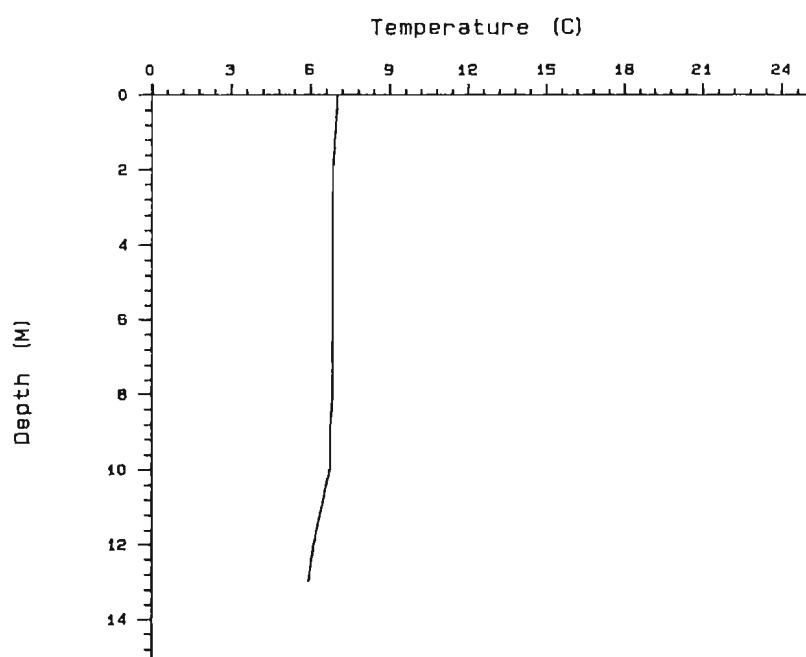
TEMPERATURE VS DEPTH L239 (DAY 269)



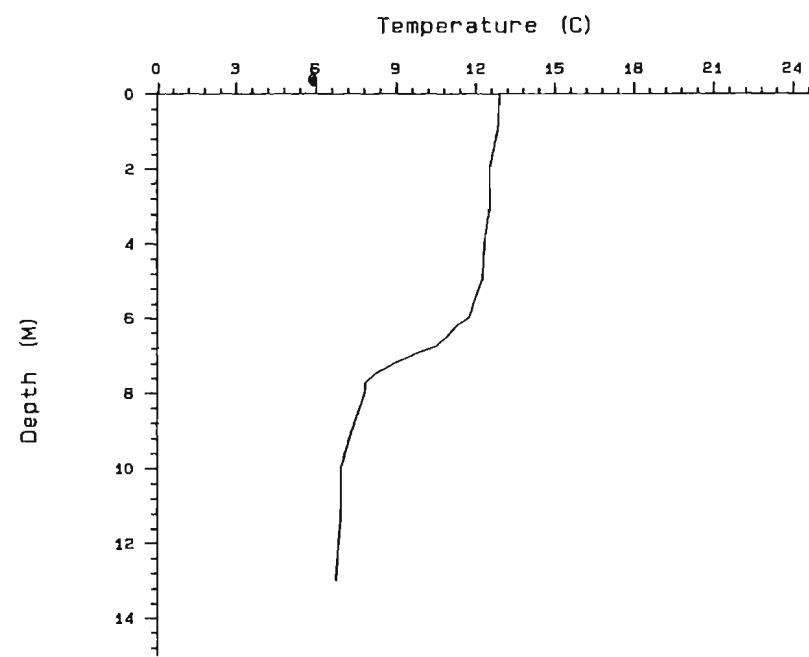
TEMPERATURE VS DEPTH L239 (DAY 303)



Temperature vs Depth L240 (Day 130)

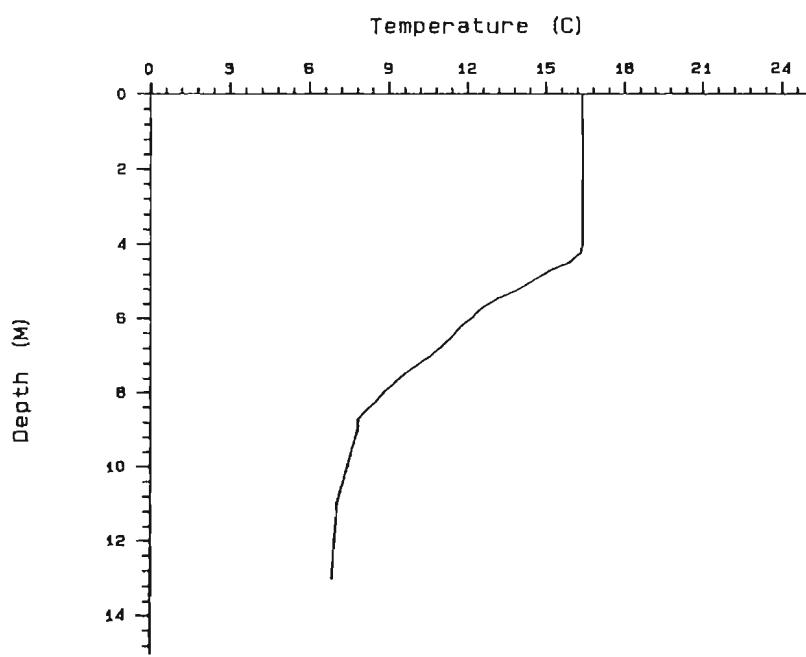


Temperature vs Depth L240 (Day 145)

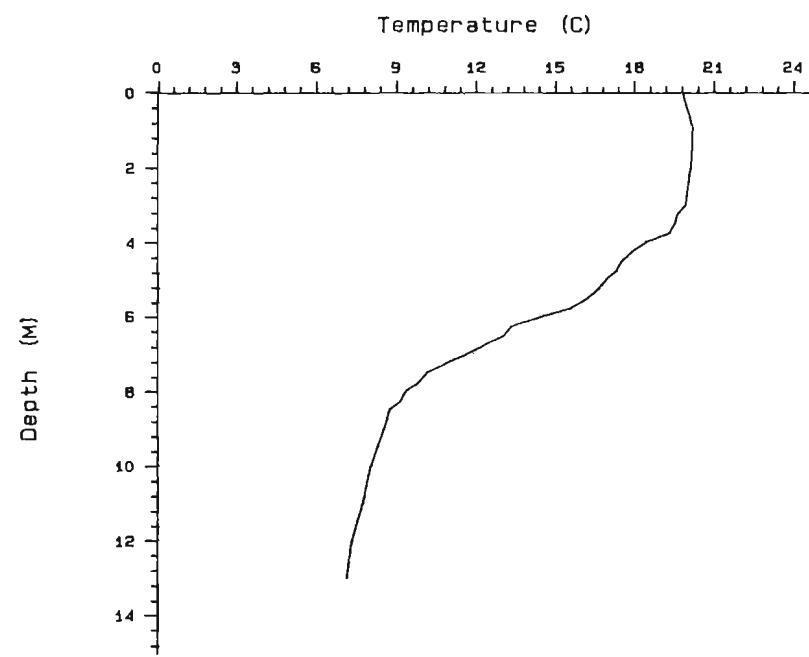


159

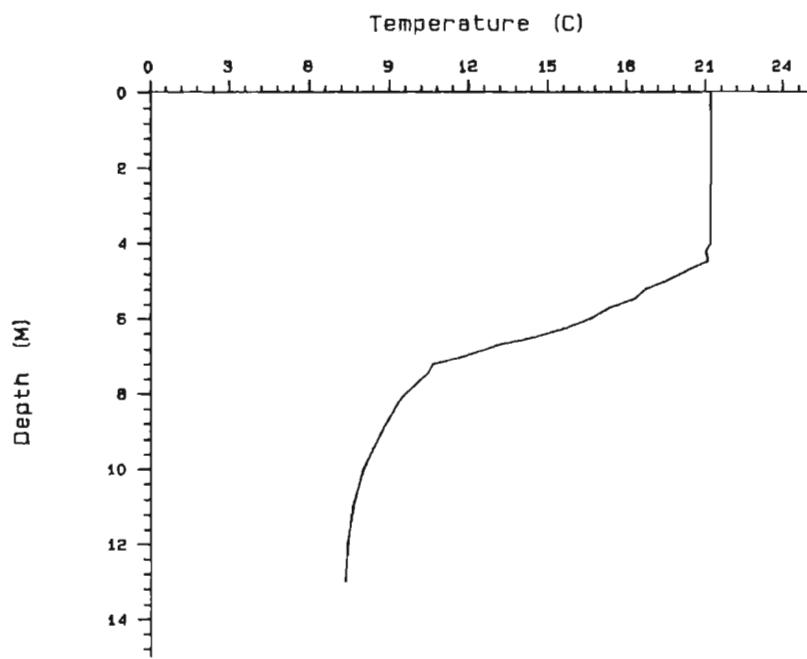
Temperature vs Depth L240 (Day 158)



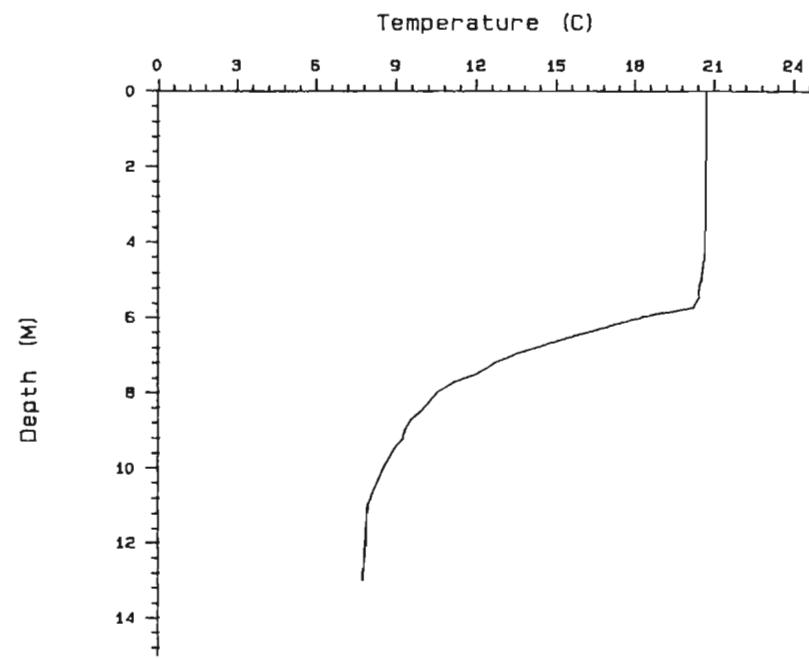
Temperature vs Depth L240 (Day 173)



Temperature vs Depth L240 [Day 186]

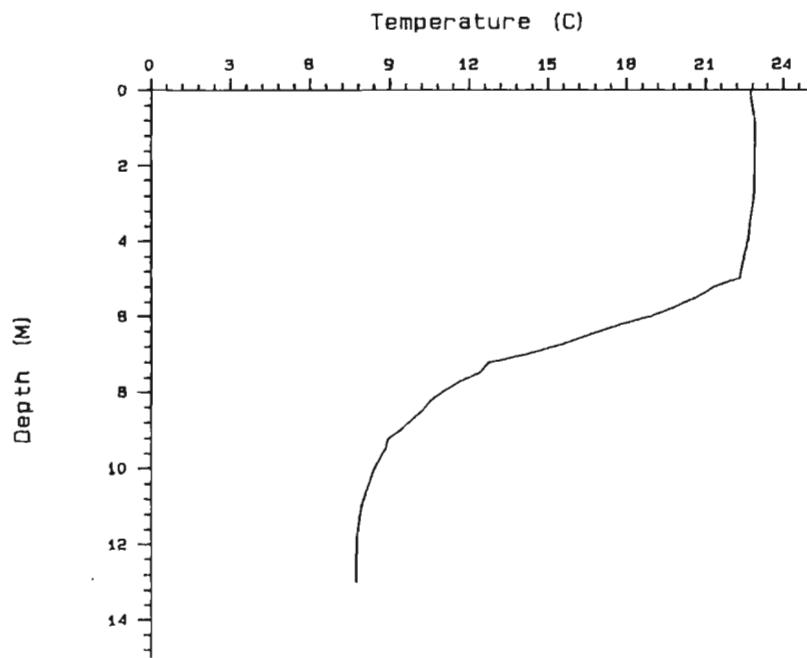


Temperature vs Depth L240 [Day 201]

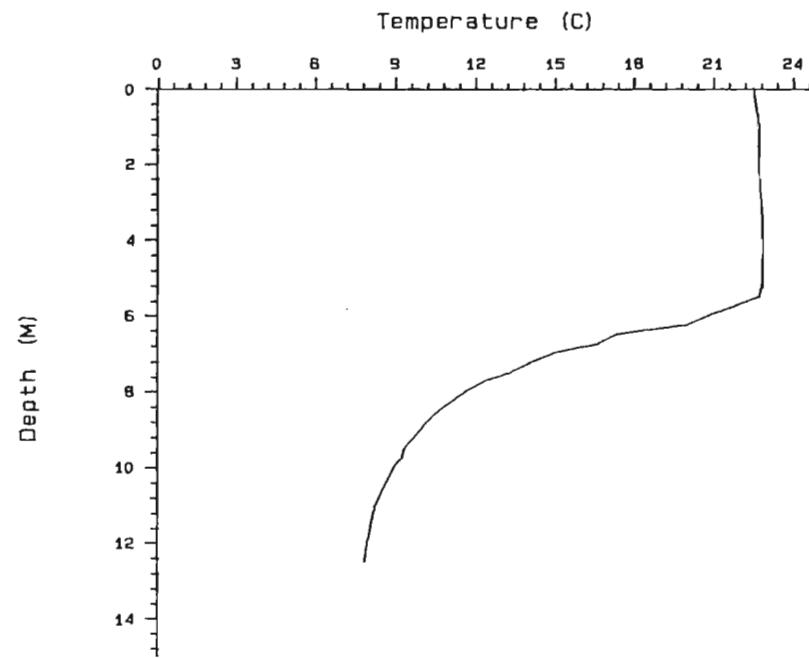


160

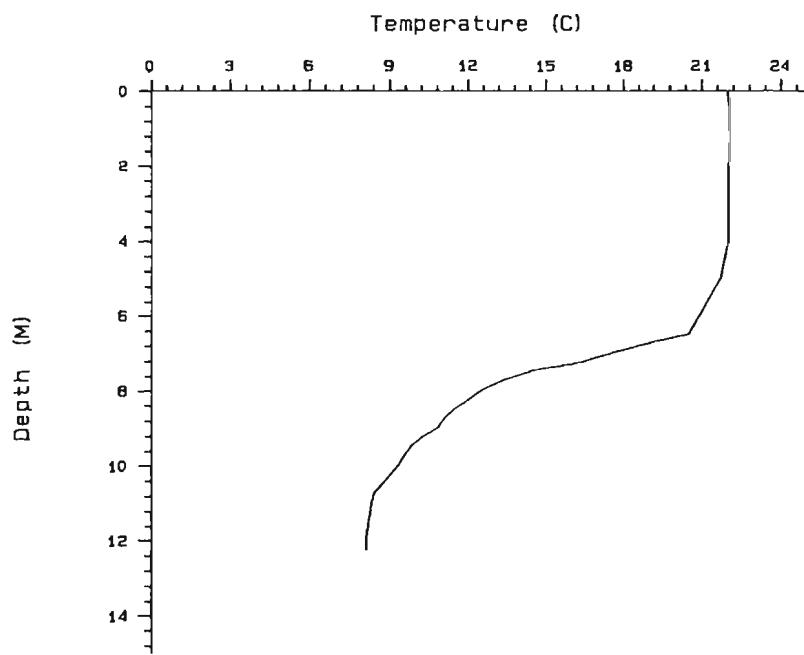
Temperature vs Depth L240 [Day 214]



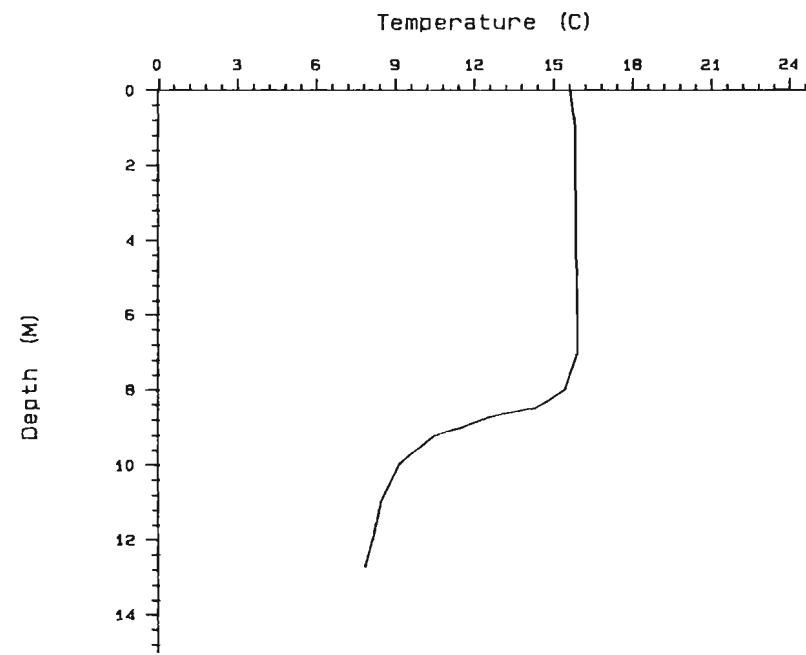
Temperature vs Depth L240 [Day 229]



Temperature vs Depth L240 (Day 242)

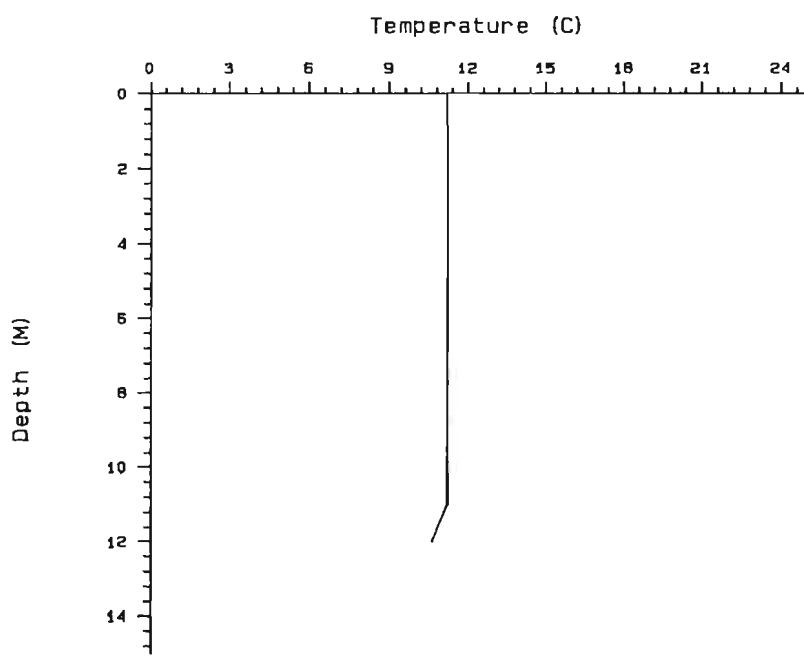


Temperature vs Depth L240 (Day 256)

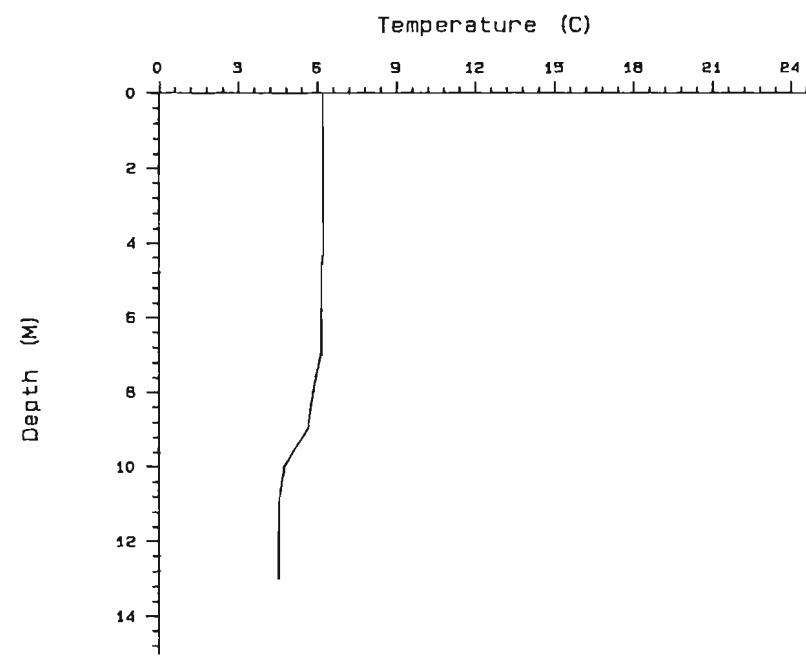


161

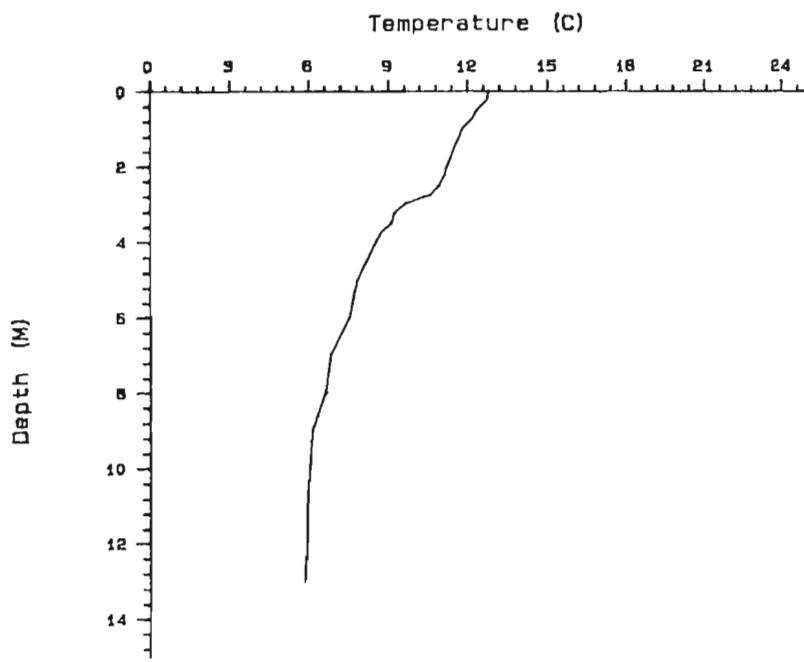
Temperature vs Depth L240 (Day 270)



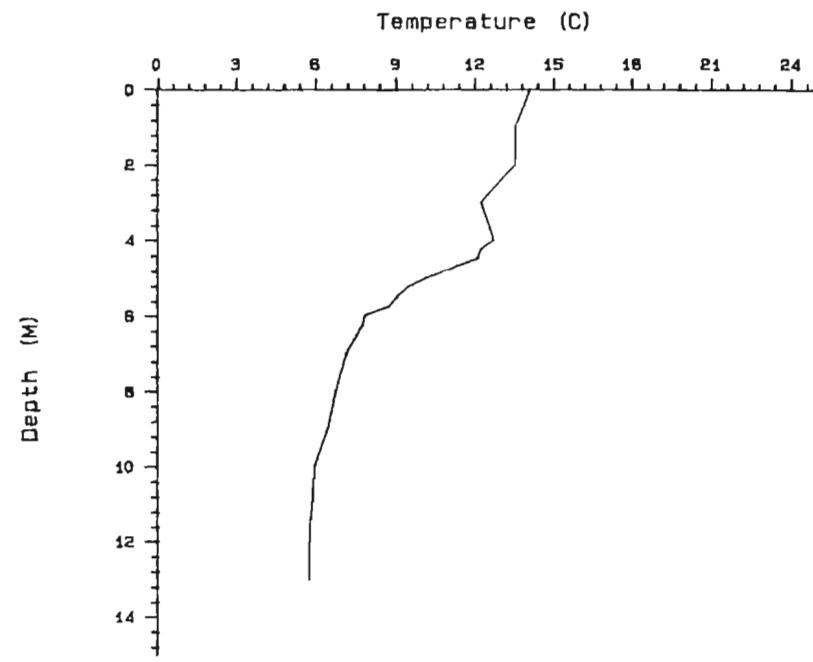
Temperature vs Depth L302n (Day 122)



Temperature vs Depth L302n (Day 138)

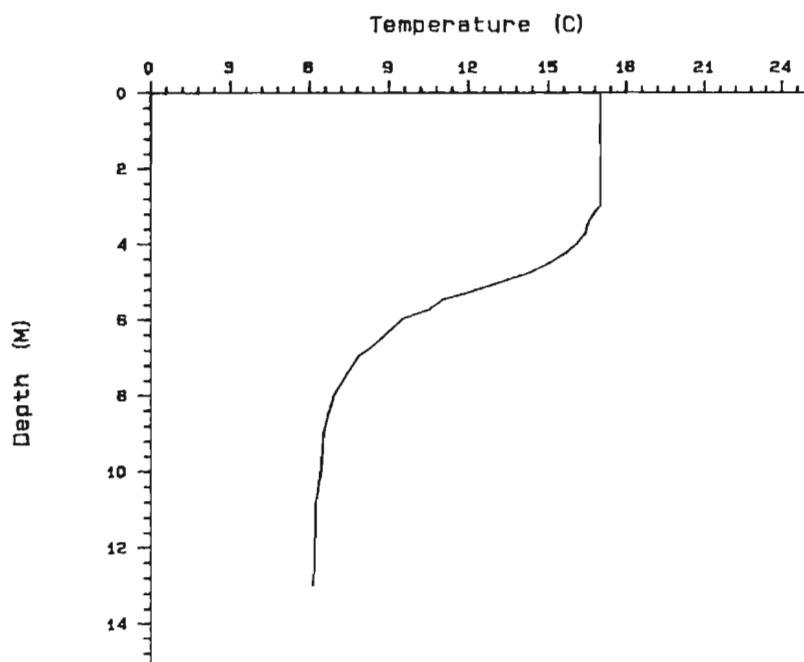


Temperature vs Depth L302n (Day 150)

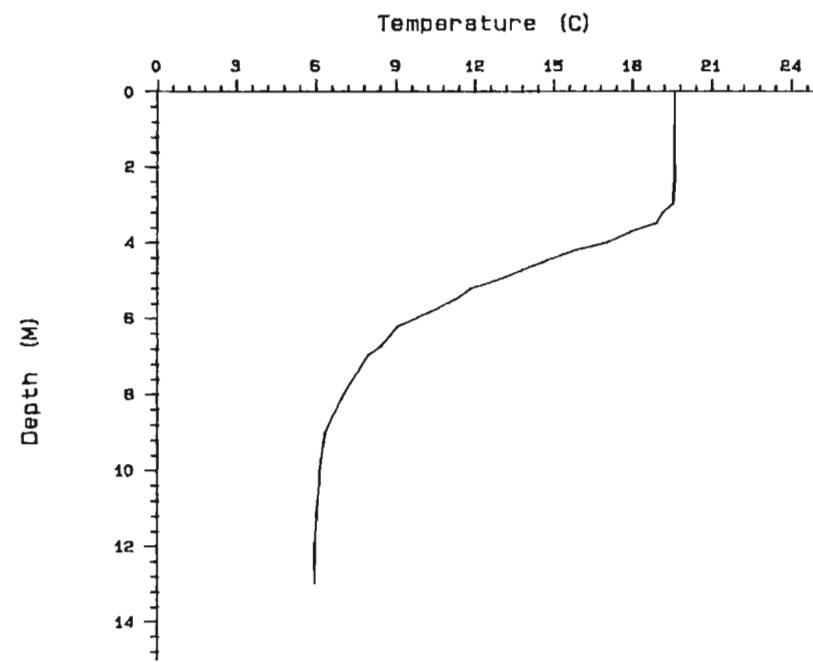


162

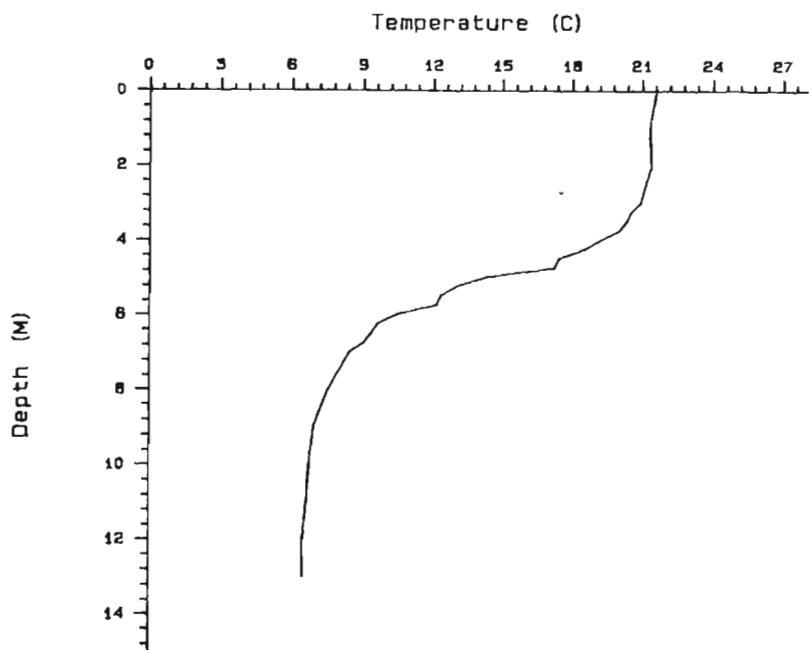
Temperature vs Depth L302n (Day 164)



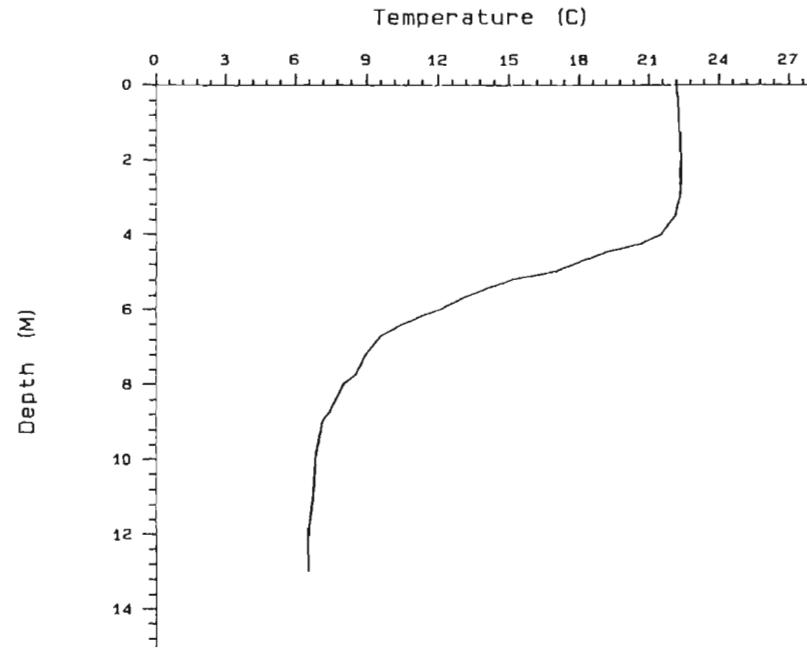
Temperature vs Depth L302n (Day 178)



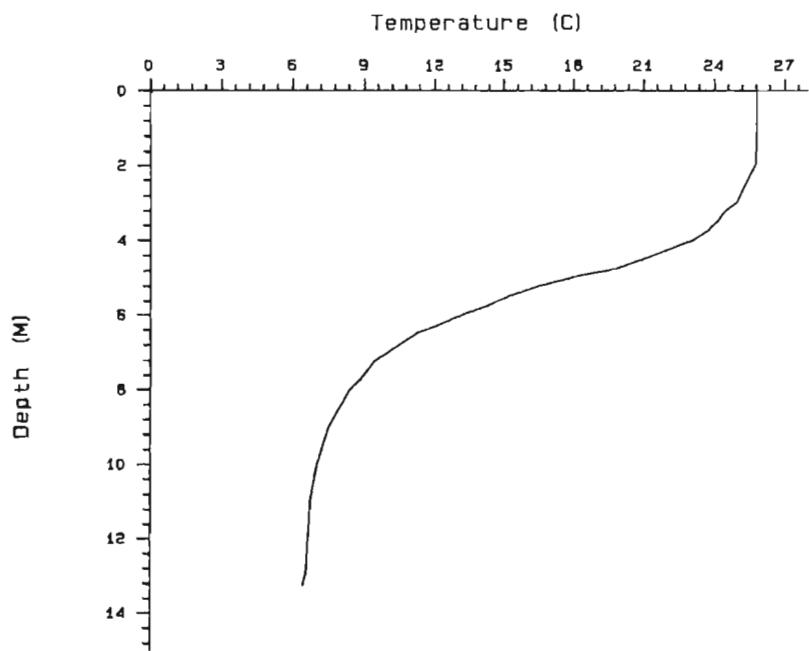
Temperature vs Depth L302n (Day 192)



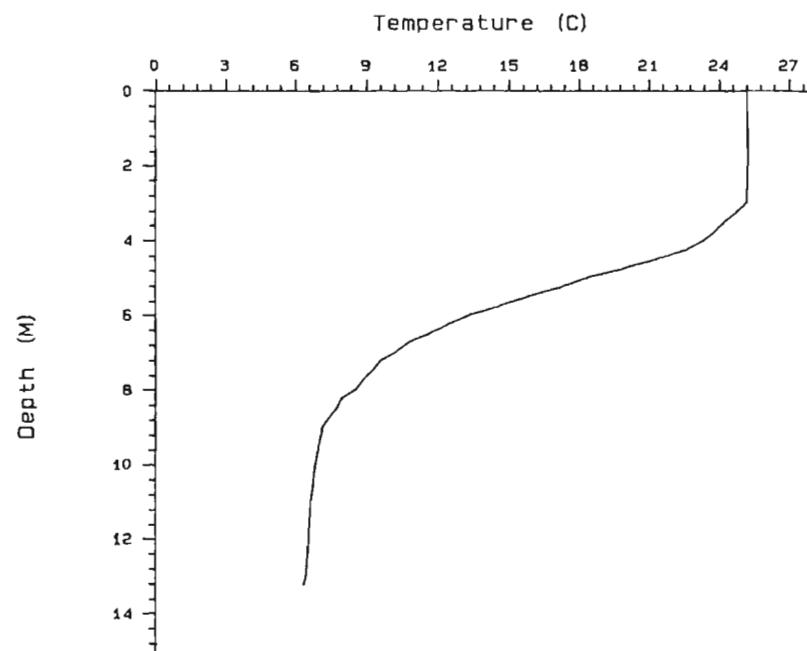
Temperature vs Depth L302n (Day 206)



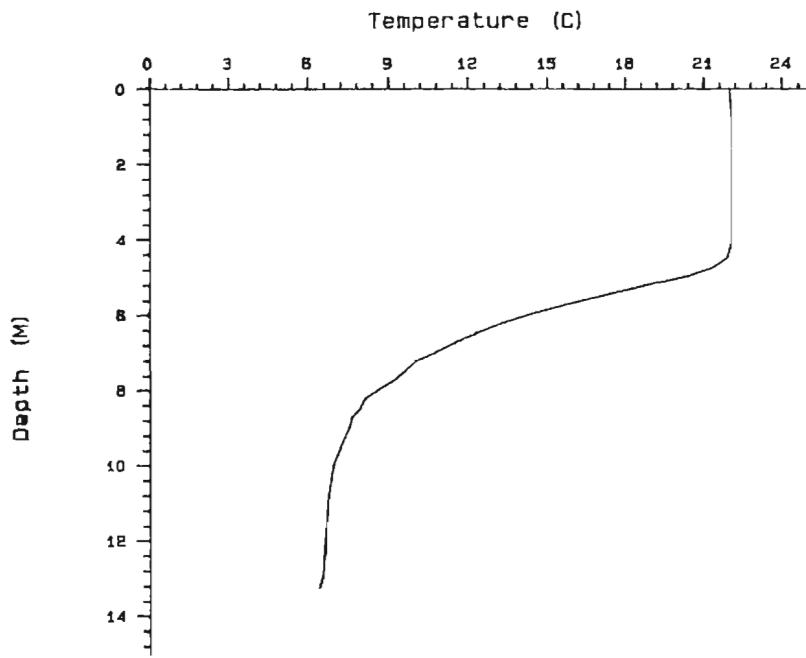
Temperature vs Depth L302n (Day 220)



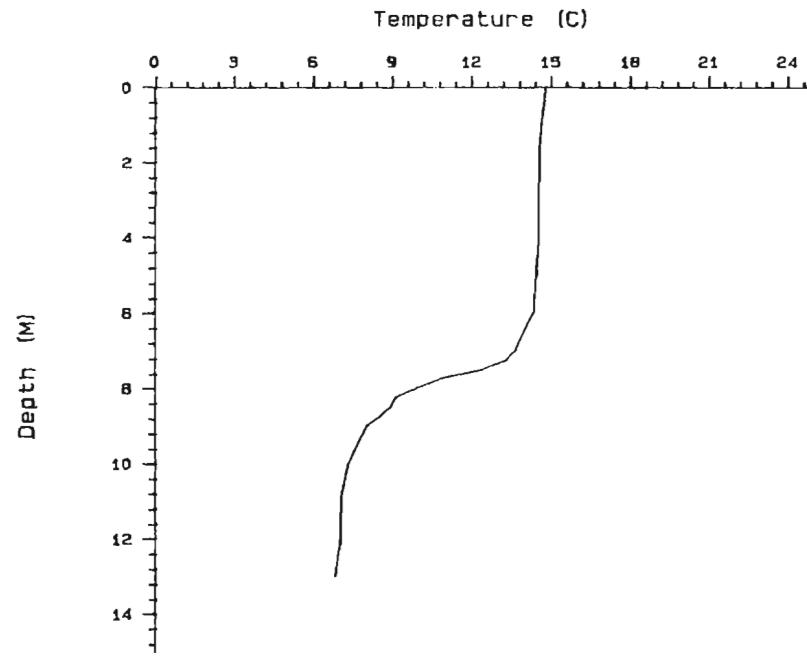
Temperature vs Depth L302n (Day 222)



Temperature vs Depth L302n (Day 234)

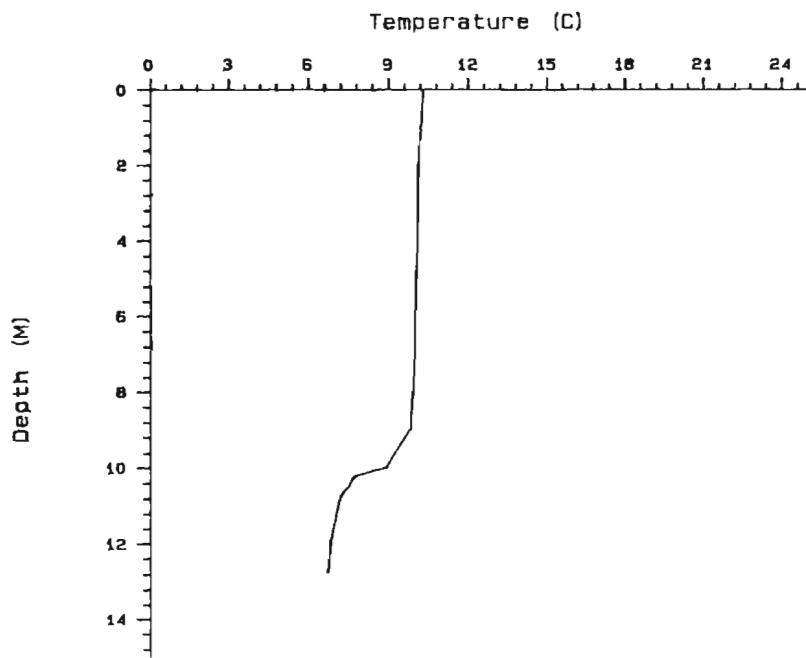


Temperature vs Depth L302n (Day 262)

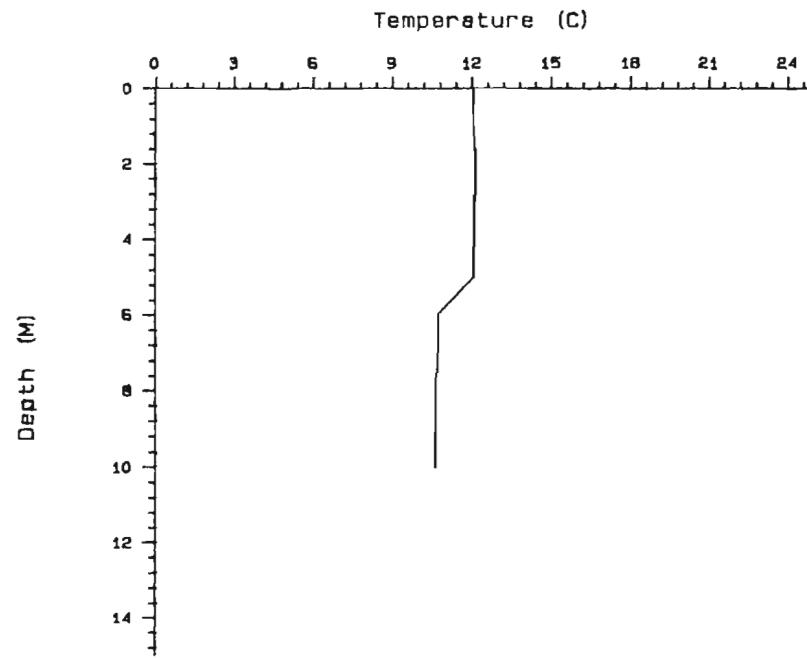


164

Temperature vs Depth L302n (Day 278)

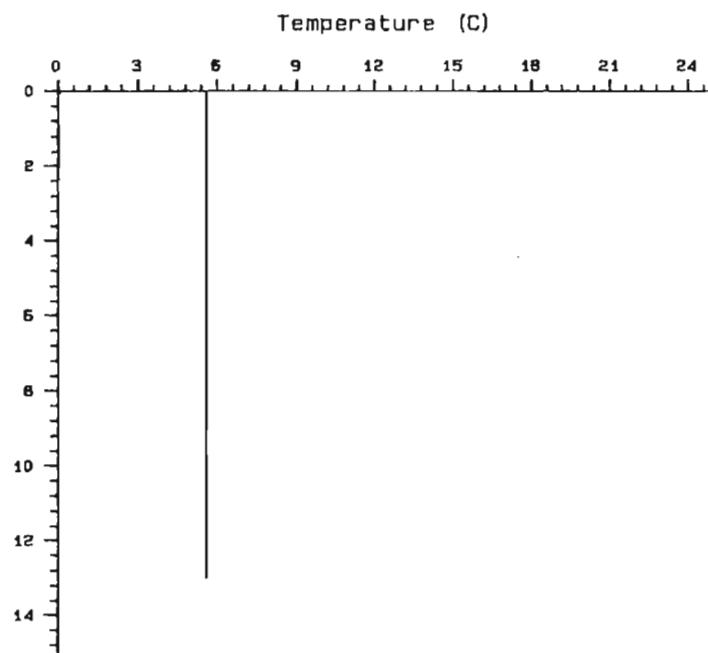


Temperature vs Depth L302n (Day 290)

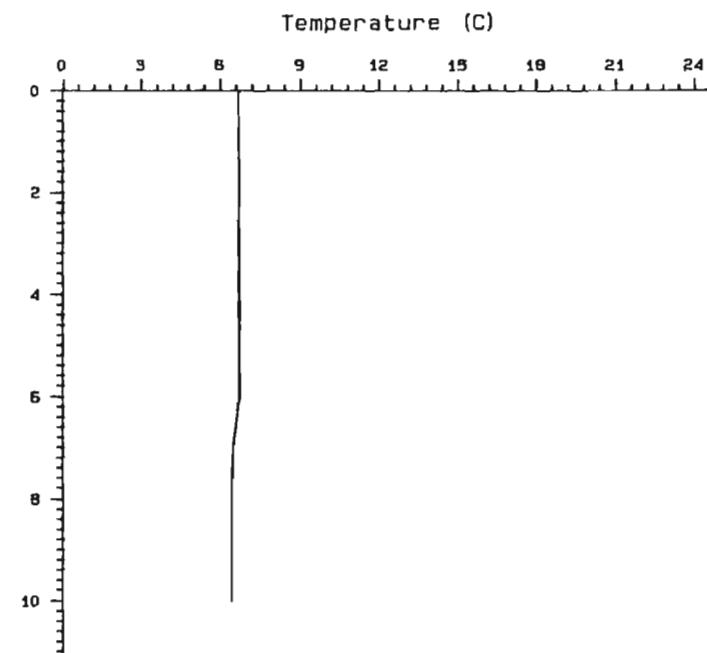


Depth (M)

Temperature vs Depth L302n (Day 304)

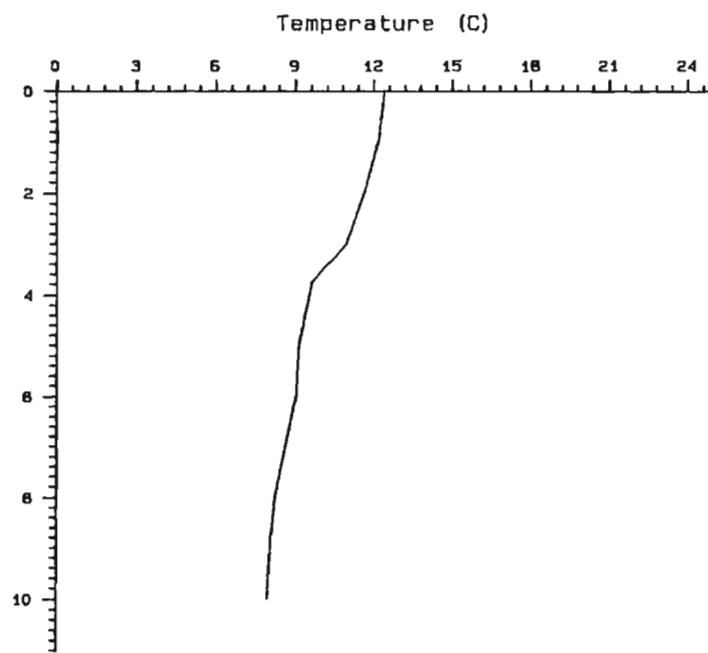


Temperature vs Depth L302s (Day 122)

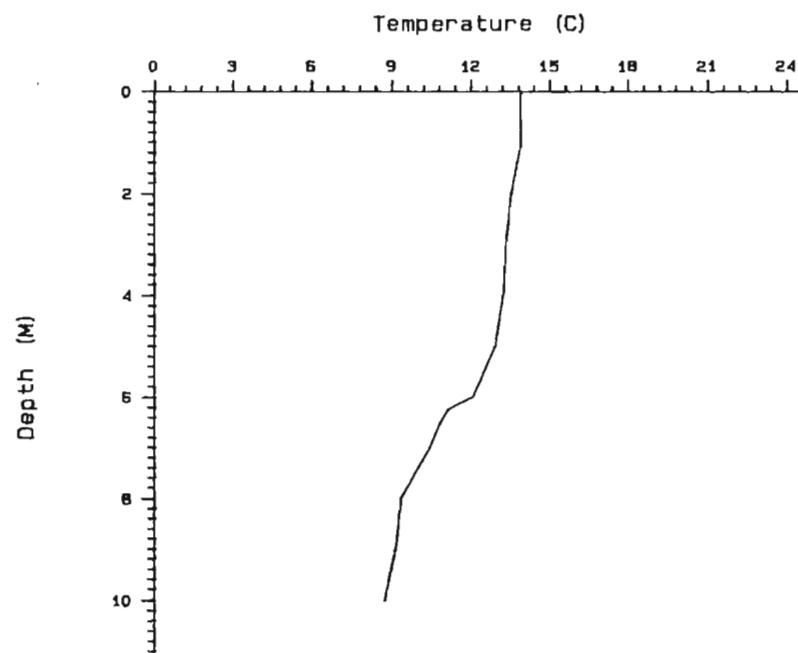


Depth (M)

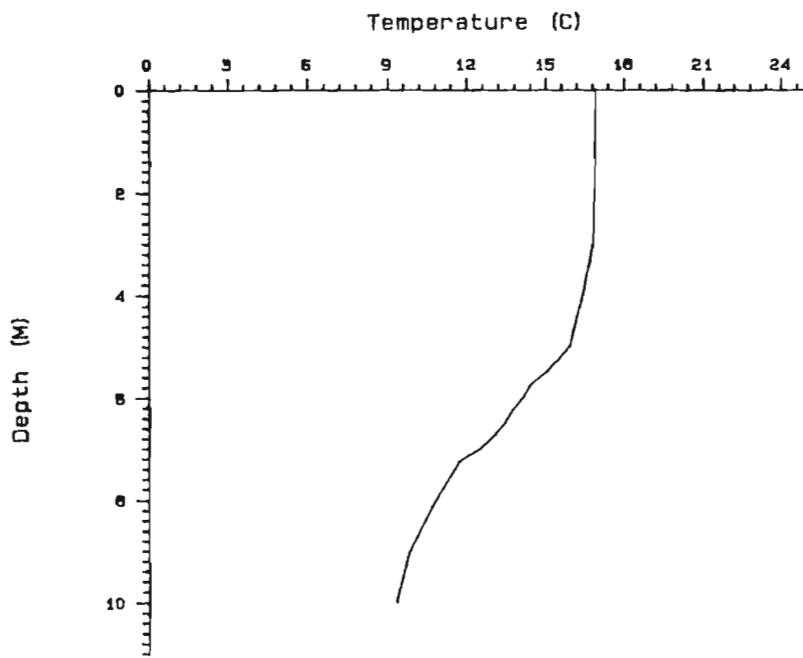
Temperature vs Depth L302s (Day 136)



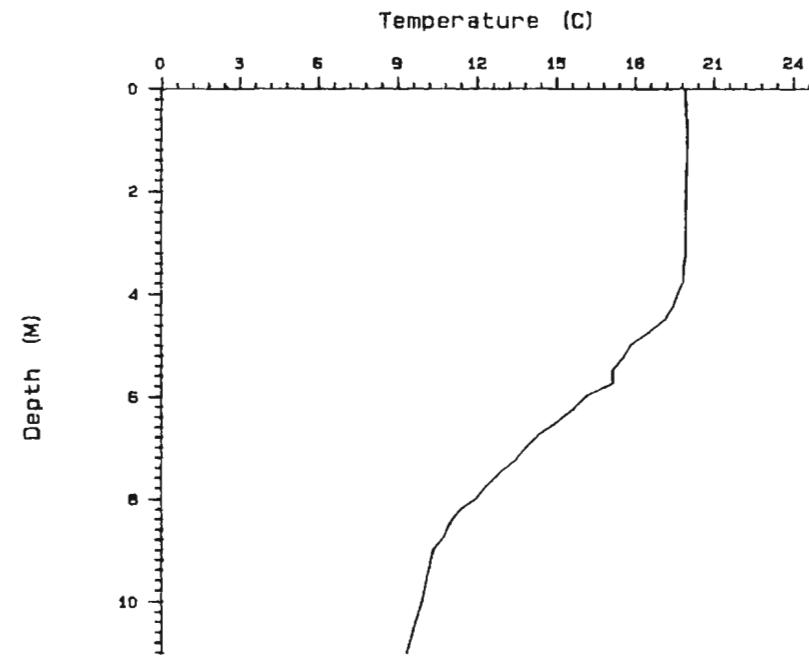
Temperature vs Depth L302s (Day 150)



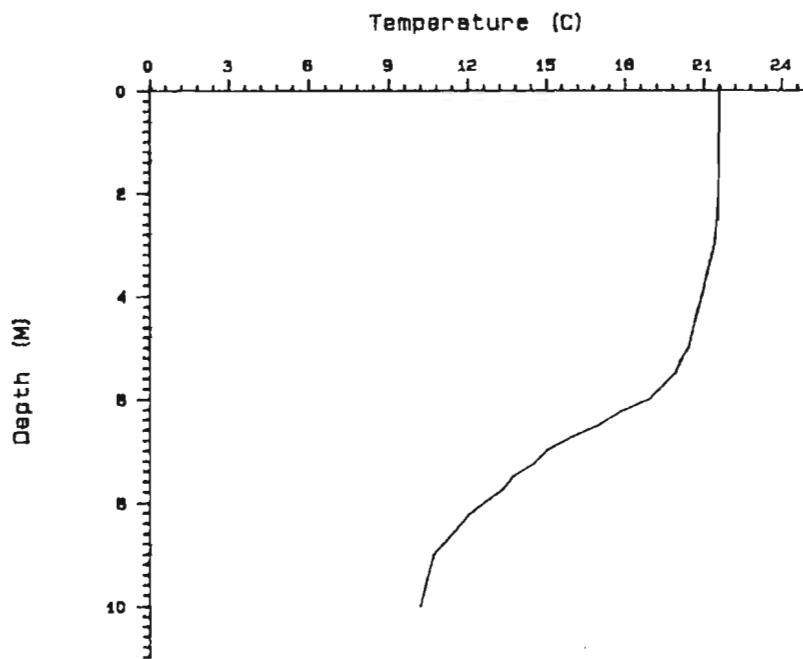
Temperature vs Depth L302s (Day 184)



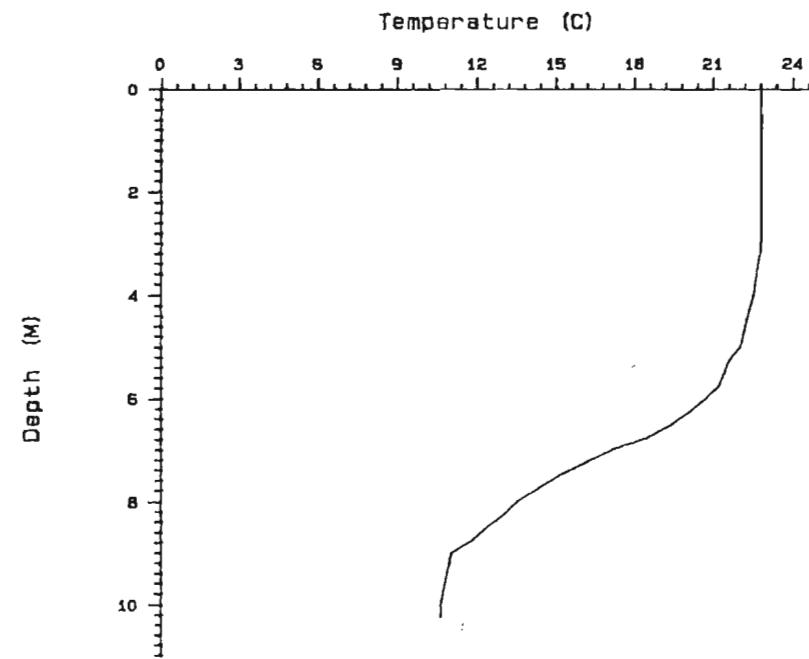
Temperature vs Depth L302s (Day 178)



Temperature vs Depth L302s (Day 192)



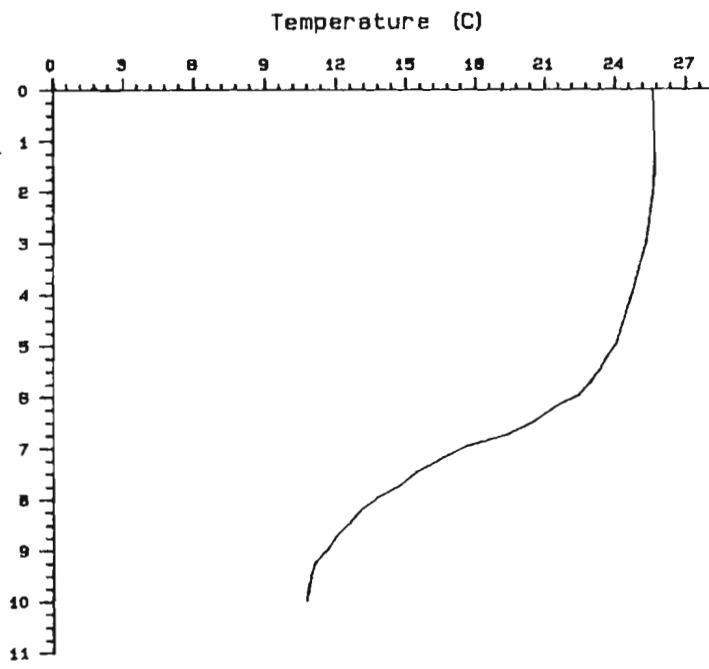
Temperature vs Depth L302s (Day 206)



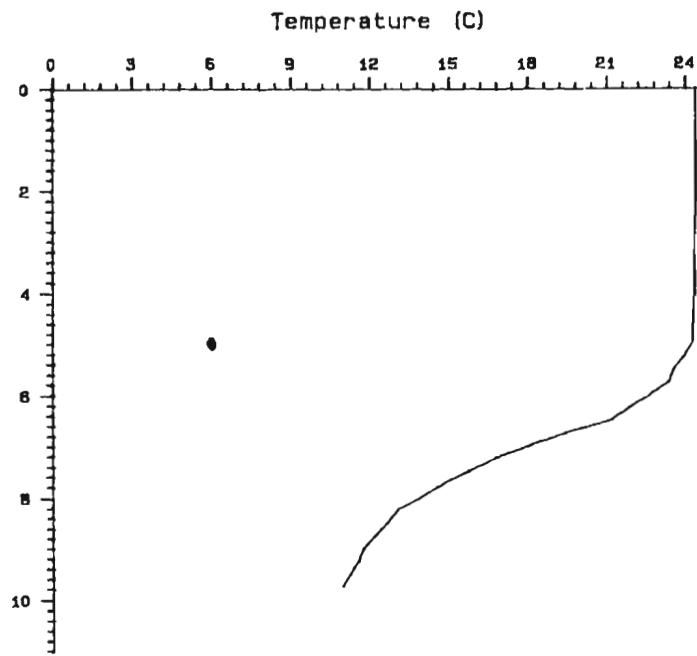
99T

Depth [M]

Temperature vs Depth L302s (Day 220)



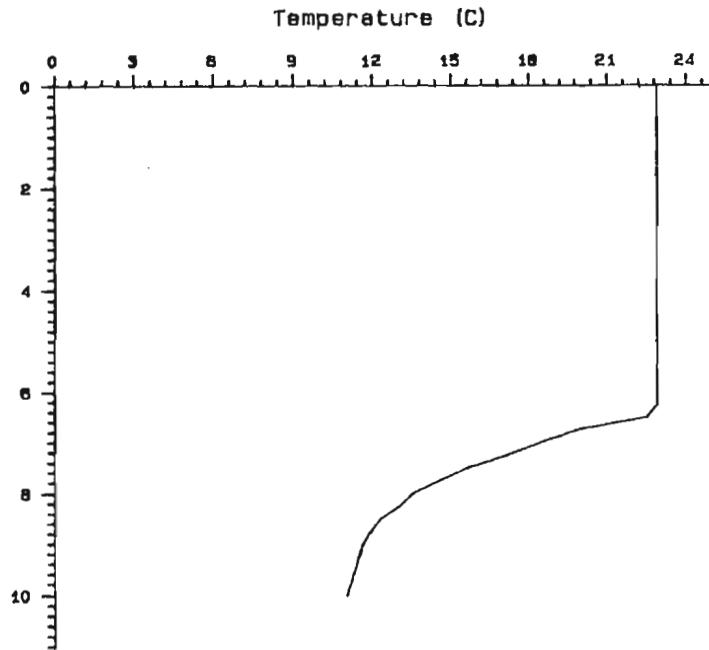
Temperature vs Depth L302s (Day 223)



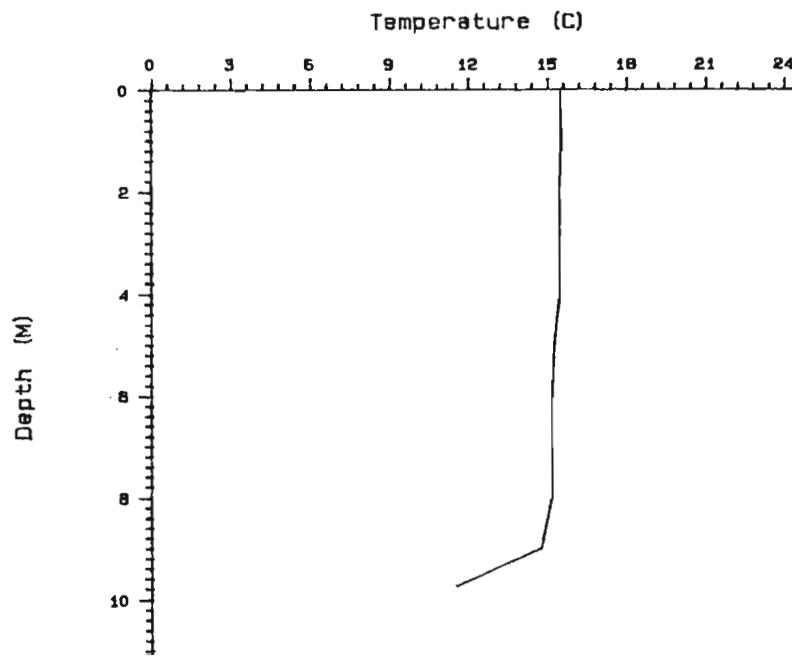
167

Depth [M]

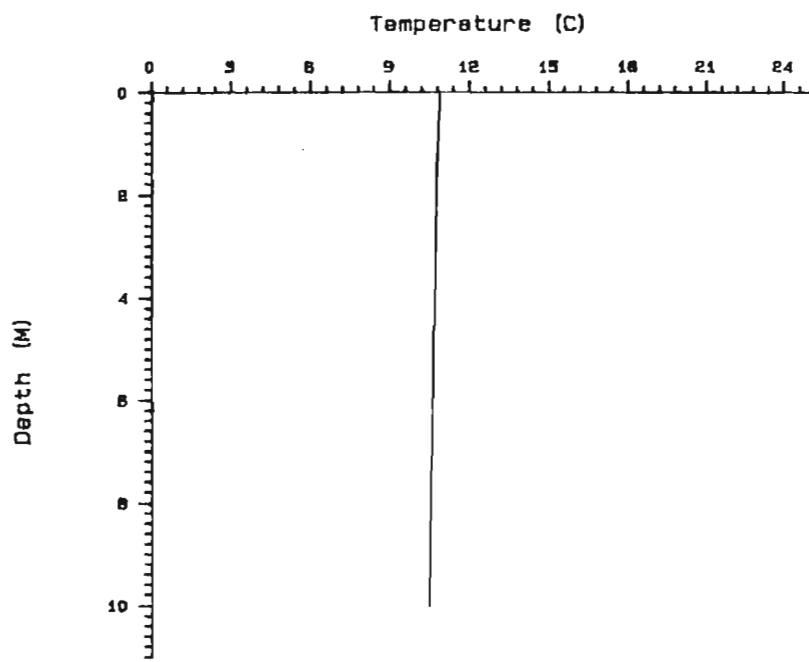
Temperature vs Depth L302s (Day 234)



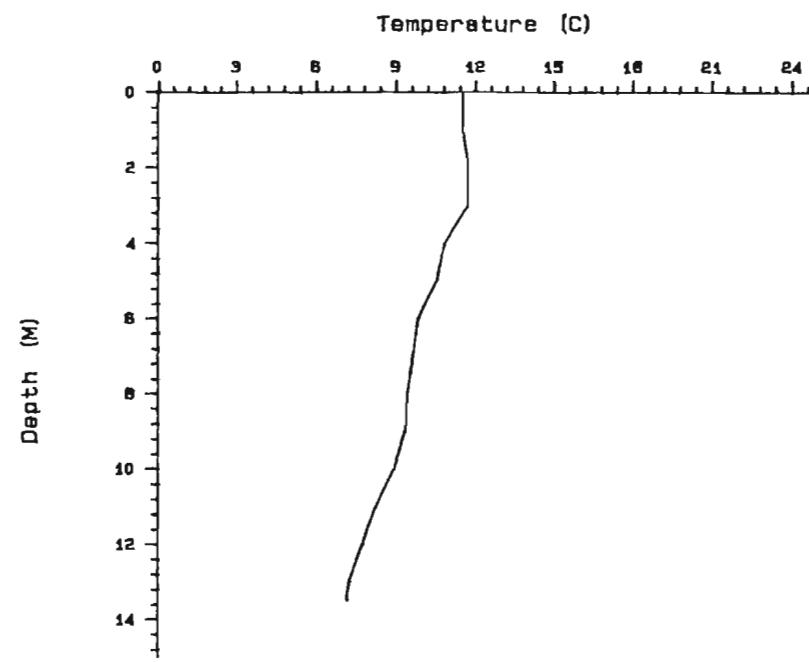
Temperature vs Depth L302s (Day 282)



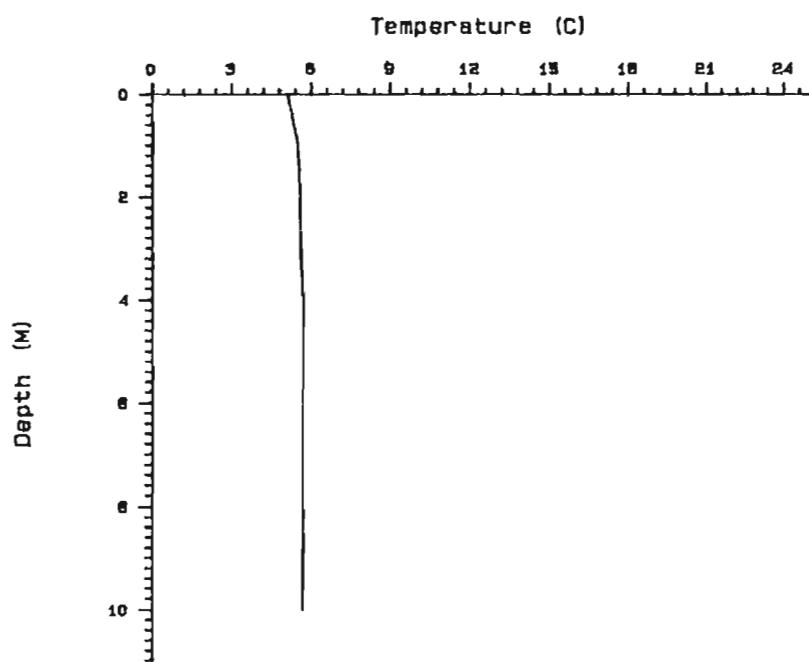
Temperature vs Depth L302s (Day 276)



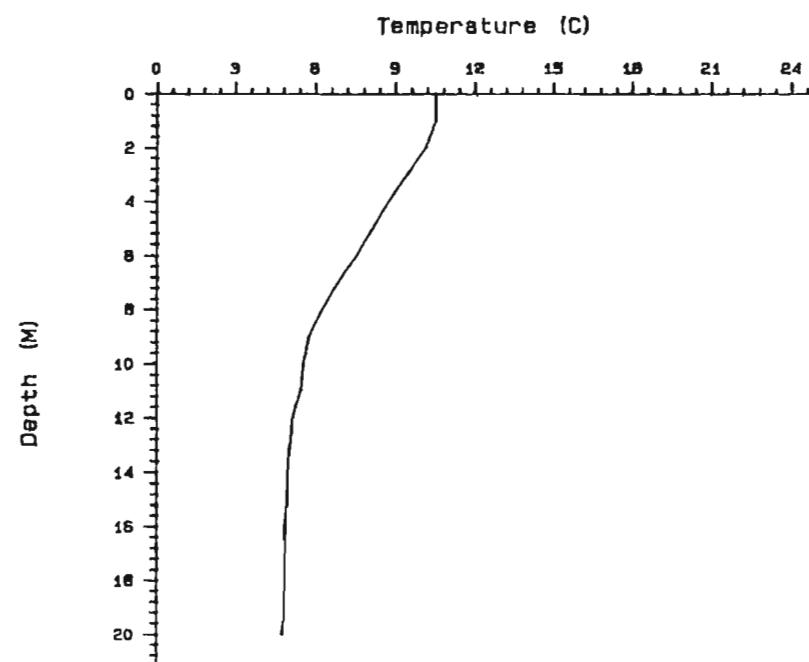
Temperature vs Depth L302s (Day 290)



Temperature vs Depth L302s (Day 304)

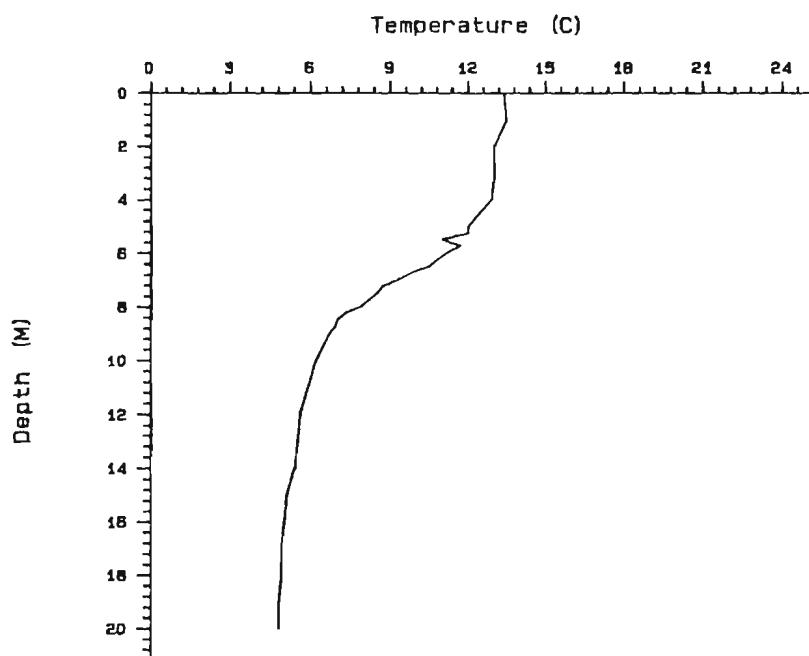


Temperature vs Depth L373 (Day 136)

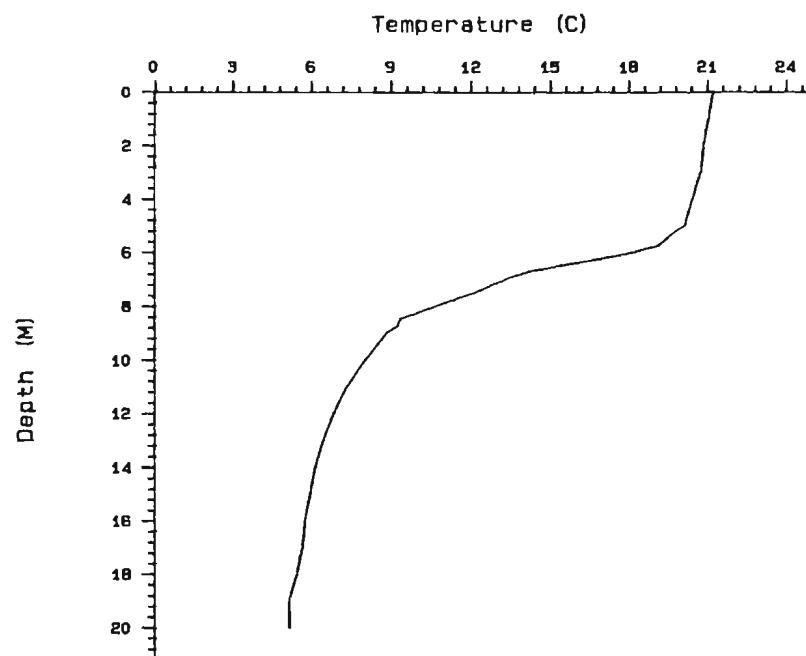


168

Temperature vs Depth L373 (Day 152)

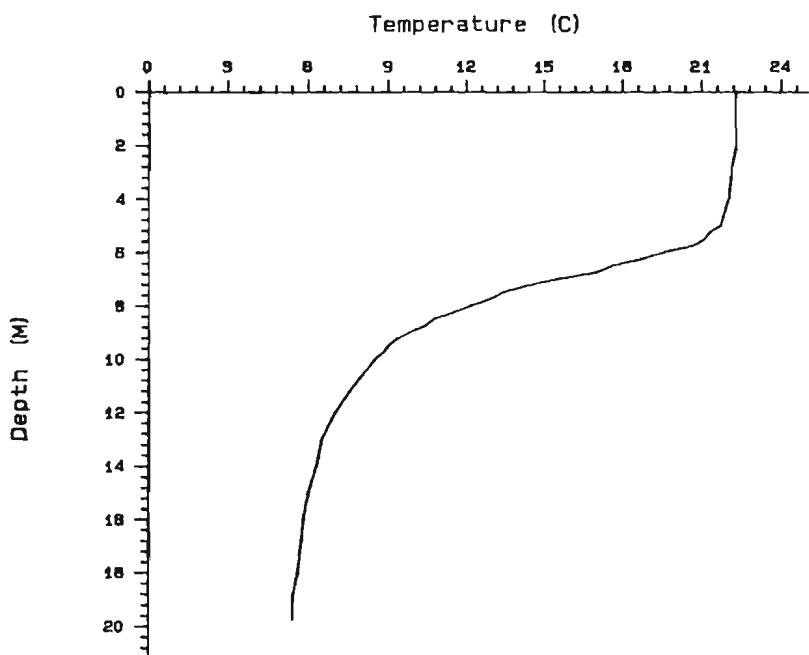


Temperature vs Depth L373 (Day 192)

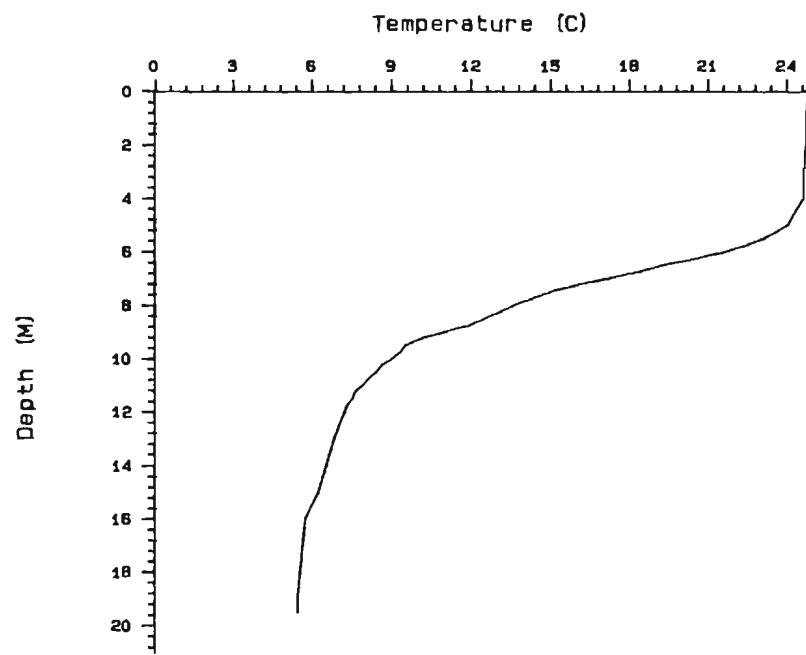


169

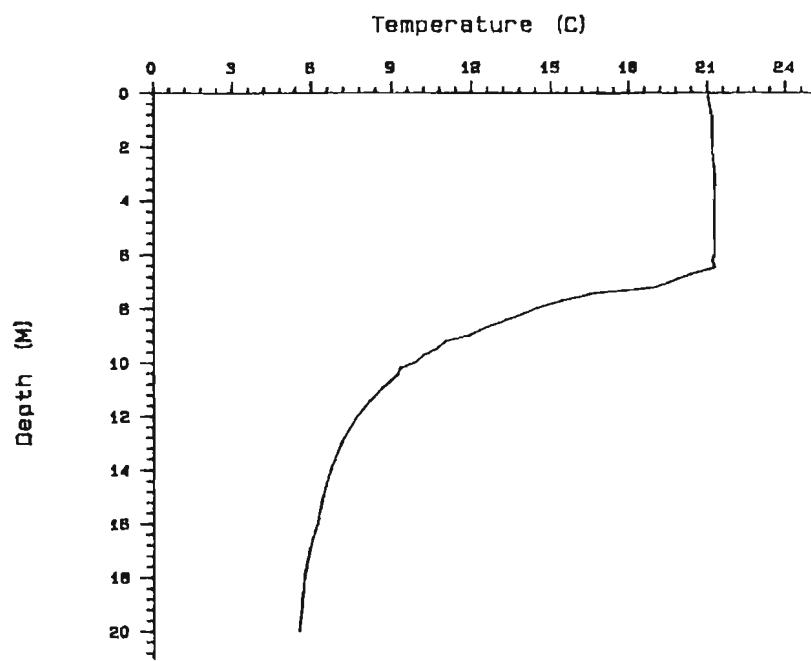
Temperature vs Depth L373 (Day 207)



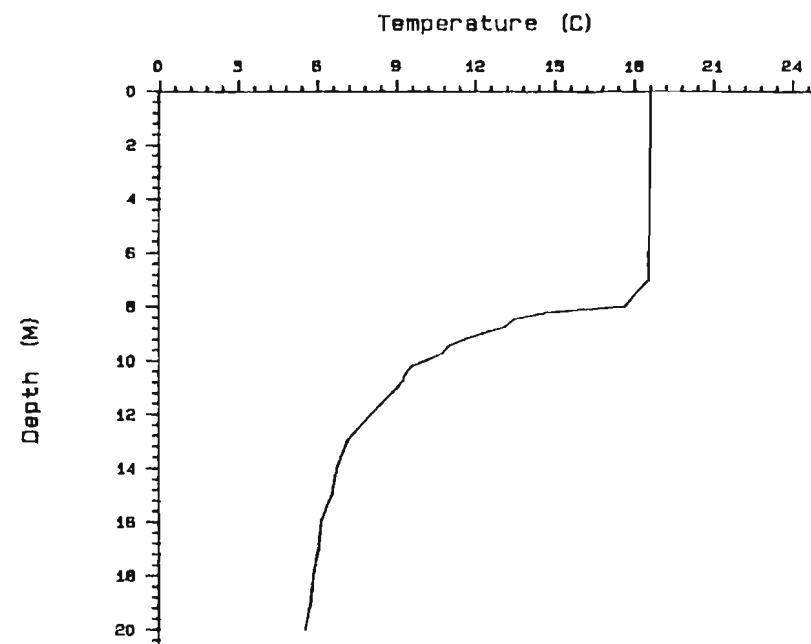
Temperature vs Depth L373 (Day 222)



Temperature vs Depth L373 (Day 235)

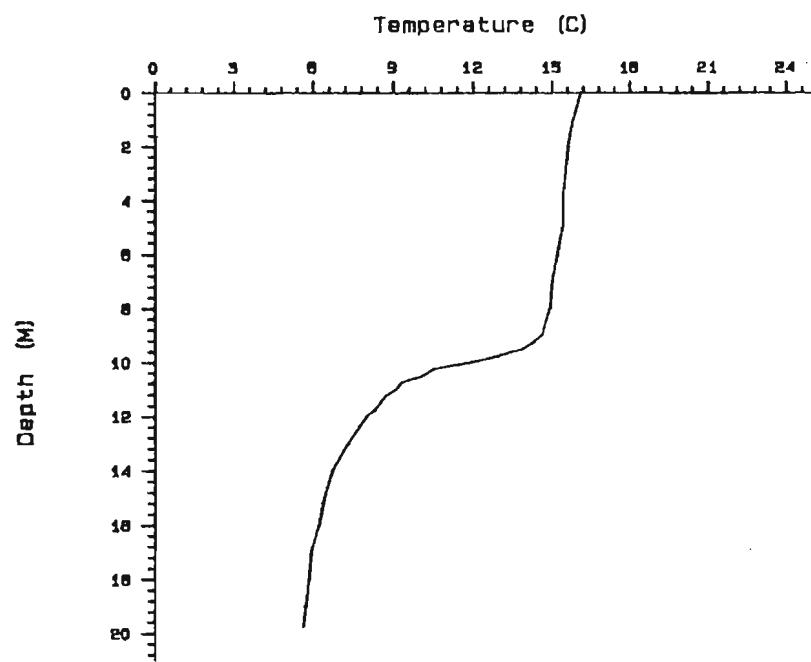


Temperature vs Depth L373 (Day 248)

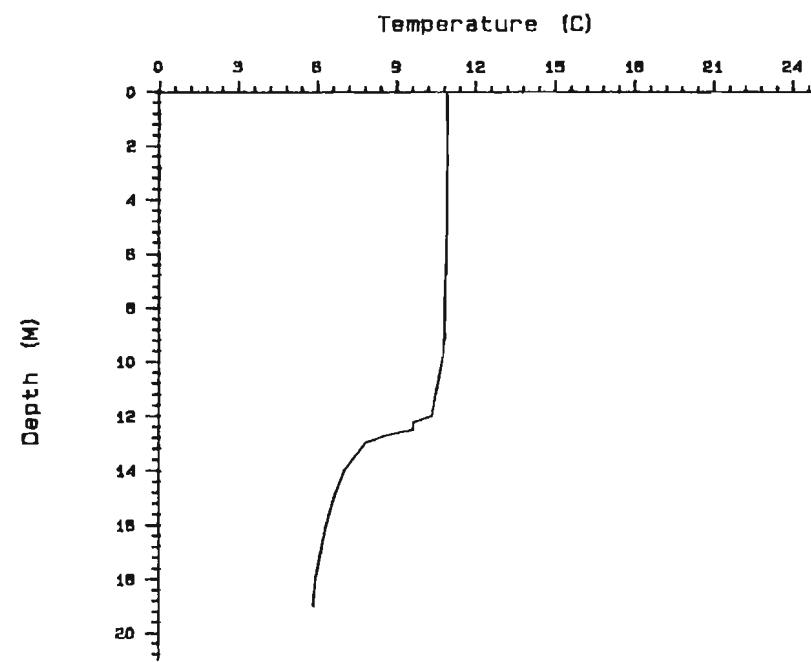


170

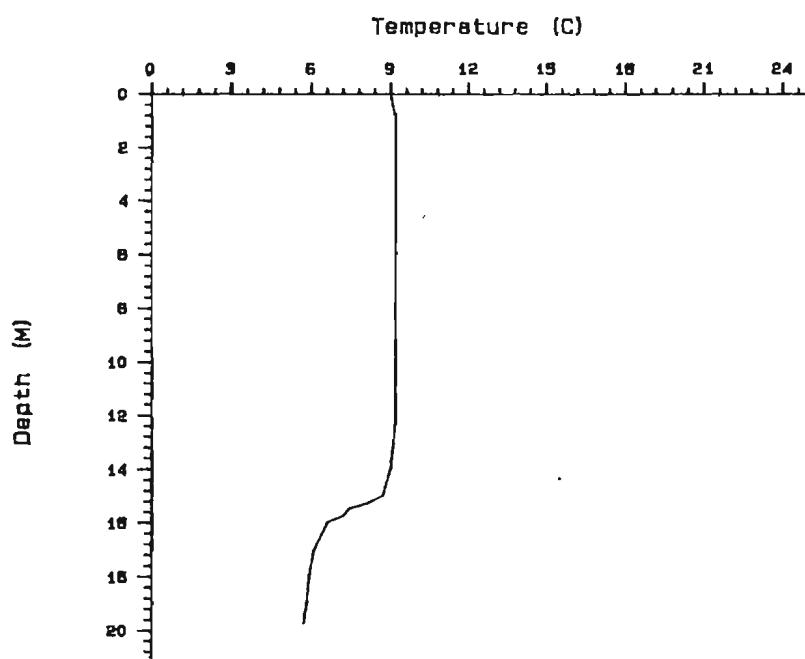
Temperature vs Depth L373 (Day 263)



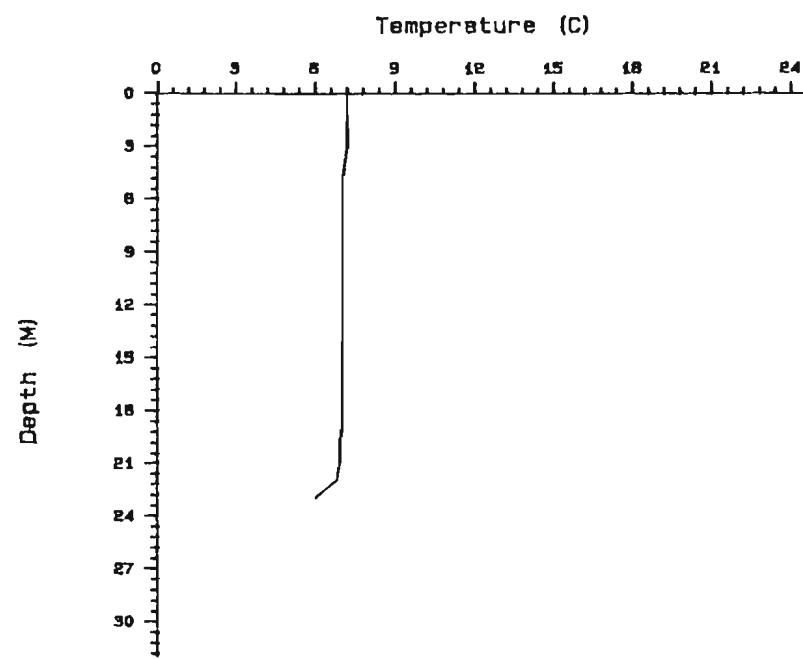
Temperature vs Depth L373 (Day 278)



Temperature vs Depth L373 (Day 298)

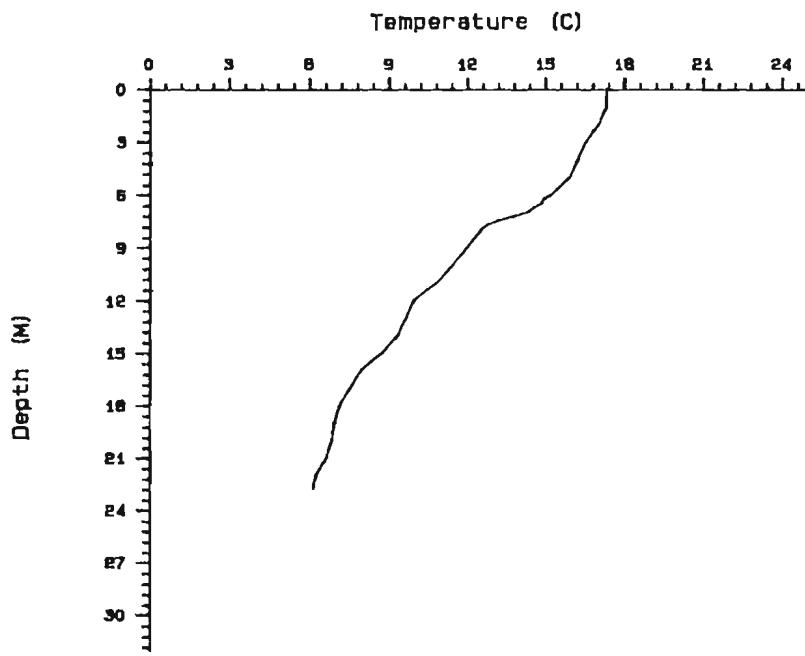


Temperature vs Depth L374 (Day 142)

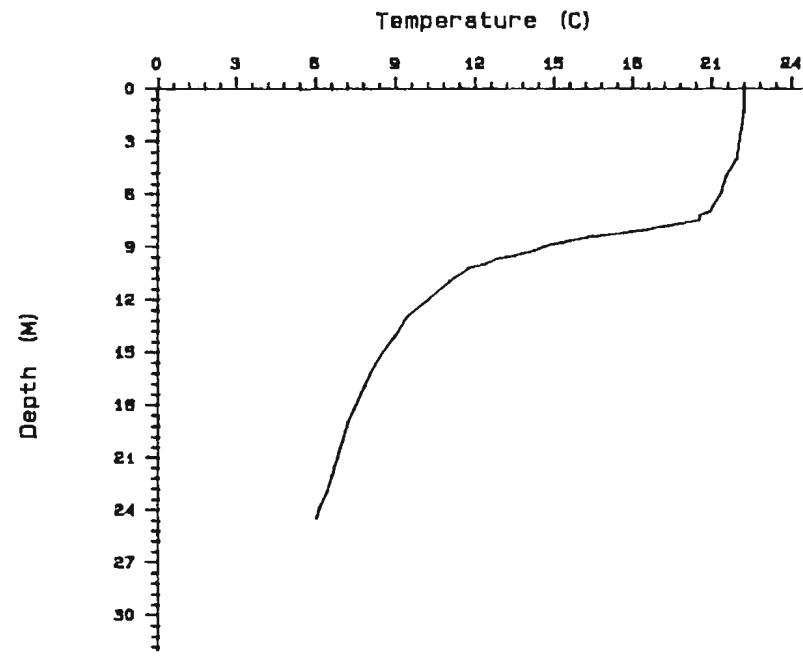


171

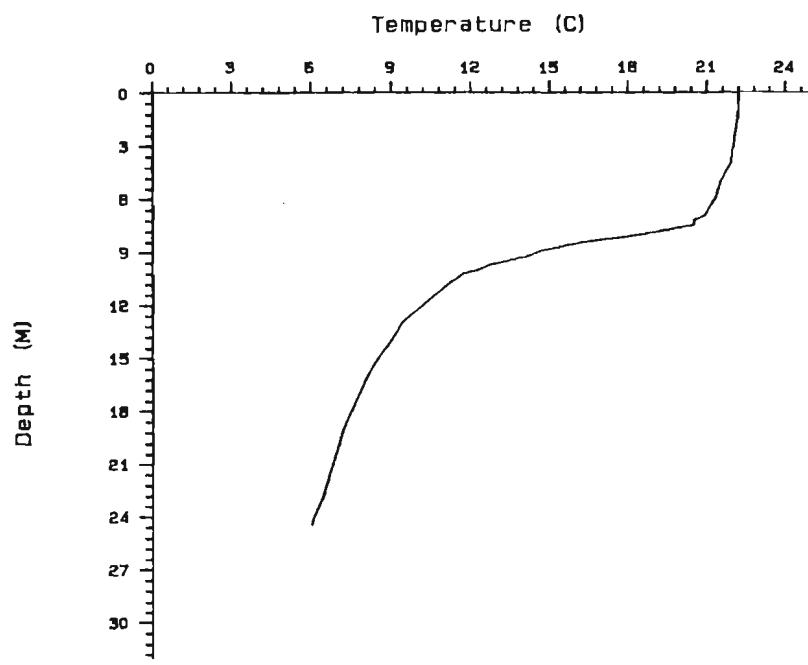
Temperature vs Depth L374 (Day 171)



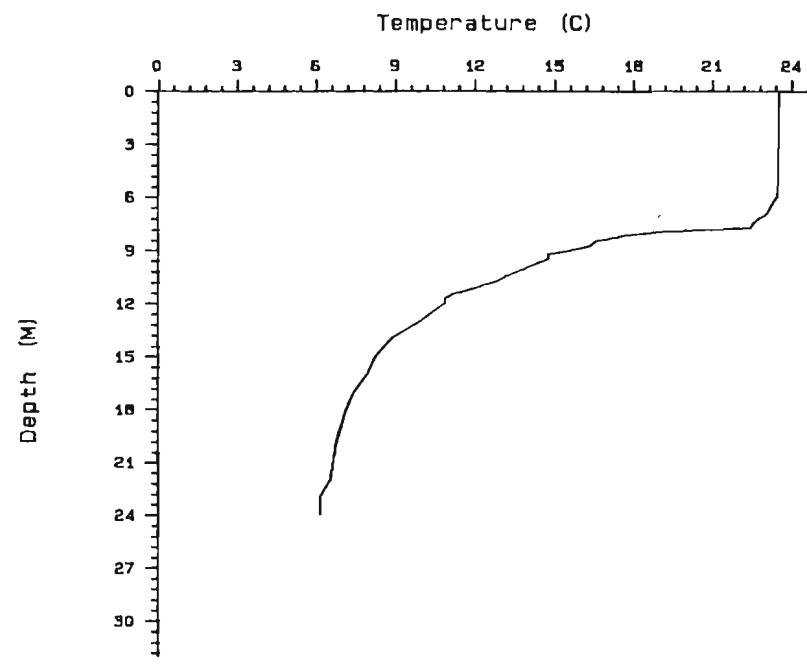
Temperature vs Depth L374 (Day 198)



Temperature vs Depth L374 (Day 214)

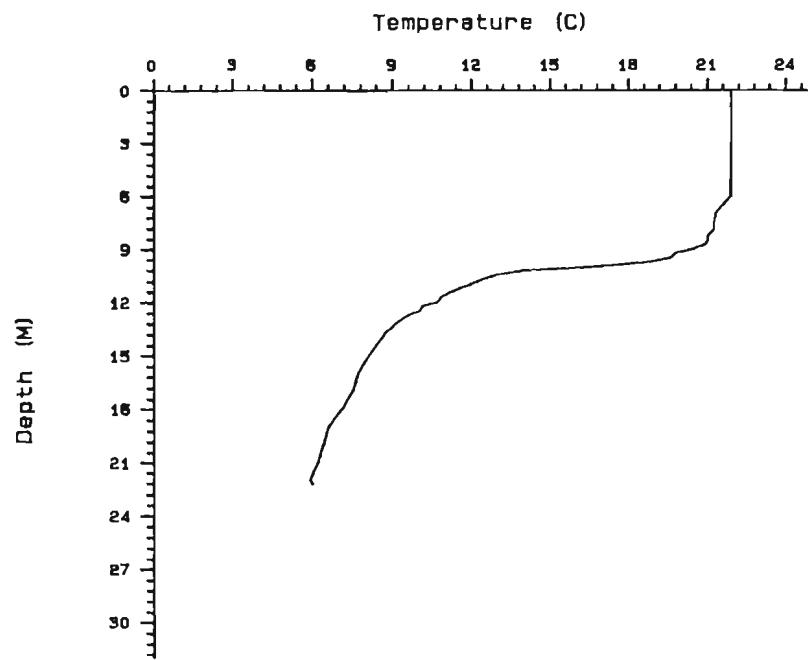


Temperature vs Depth L374 (Day 227)

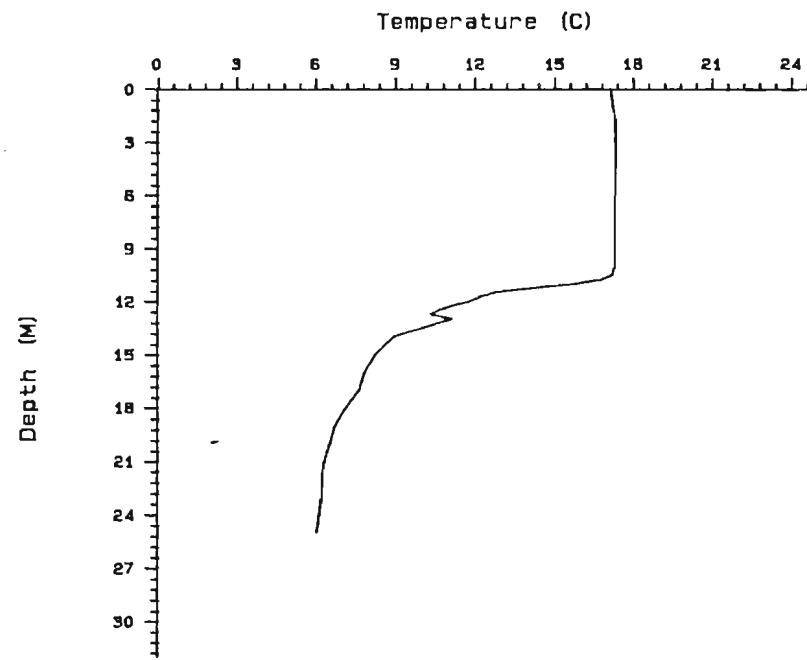


172

Temperature vs Depth L374 (Day 242)

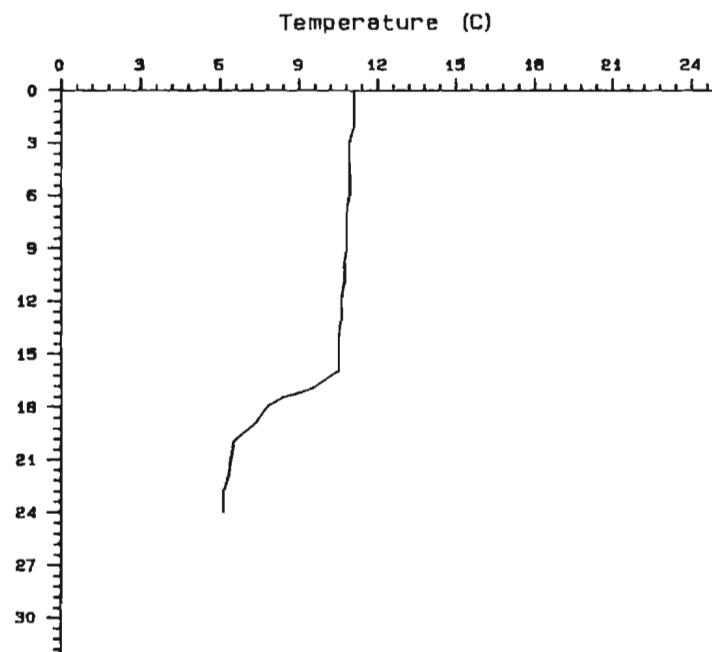


Temperature vs Depth L374 (Day 254)

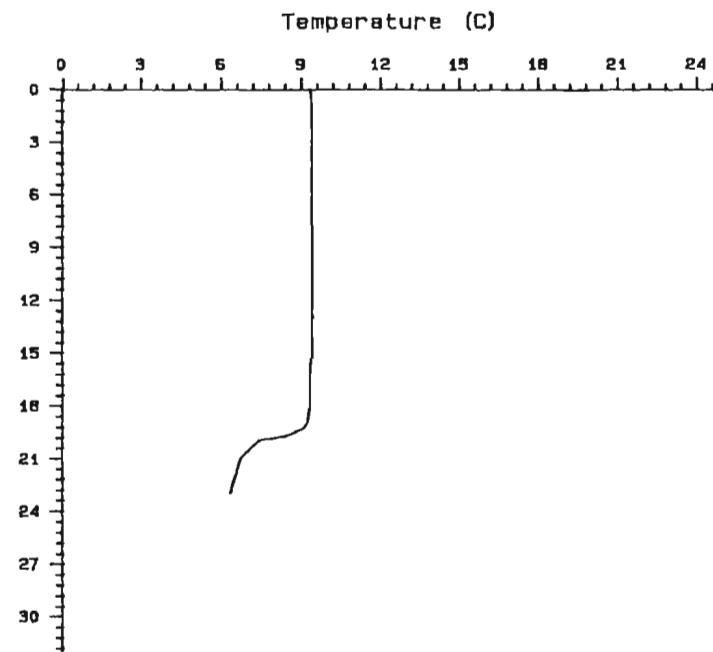


Depth (M)

Temperature vs Depth L374 (Day 282)



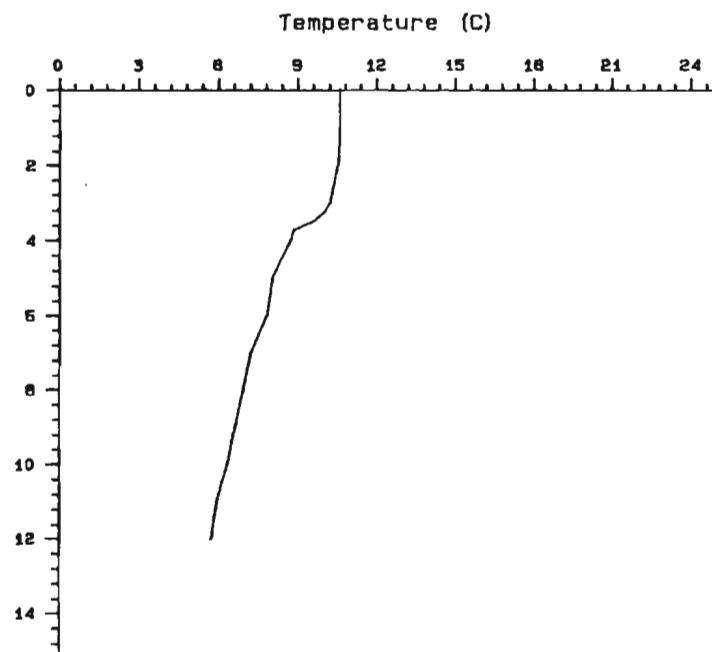
Temperature vs Depth L374 (Day 296)



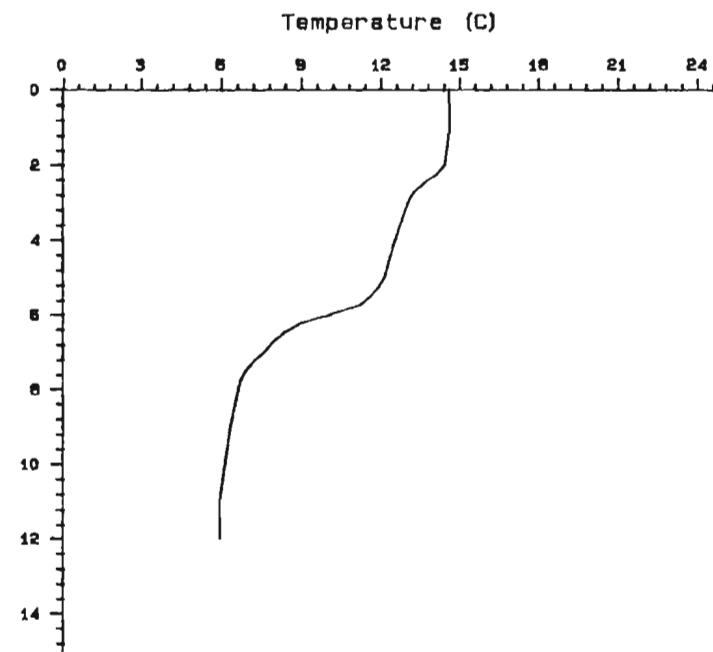
173

Depth (M)

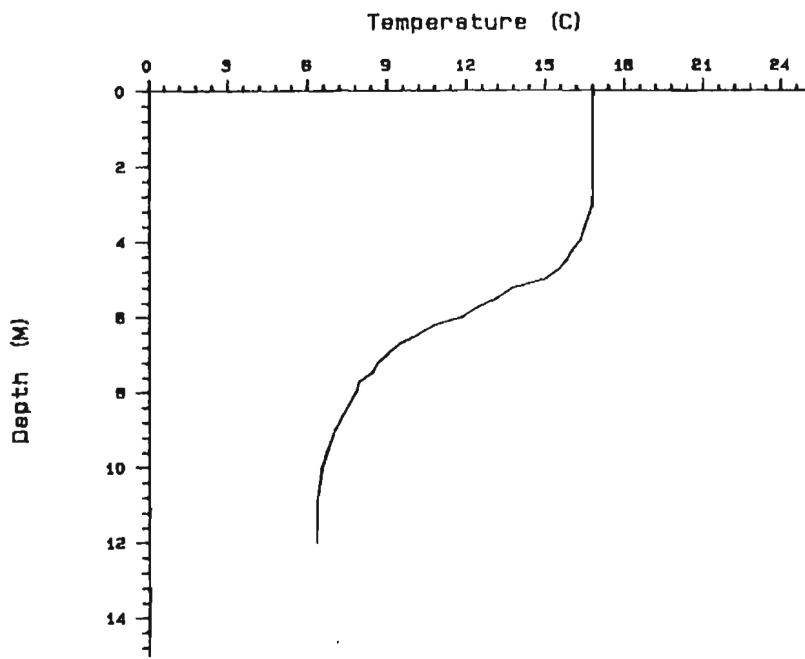
Temperature vs Depth L382 (Day 136)



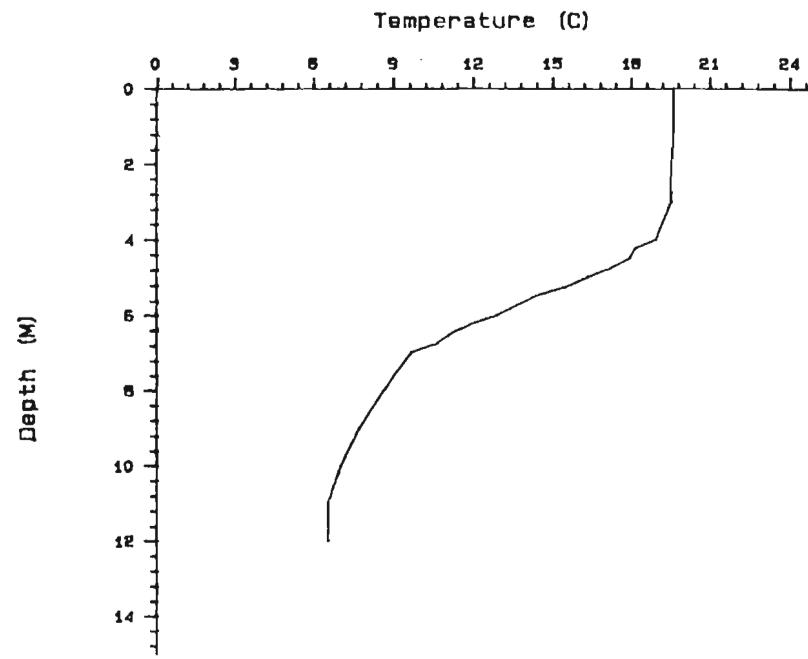
Temperature vs Depth L382 (Day 150)



Temperature vs Depth L382 (Day 164)

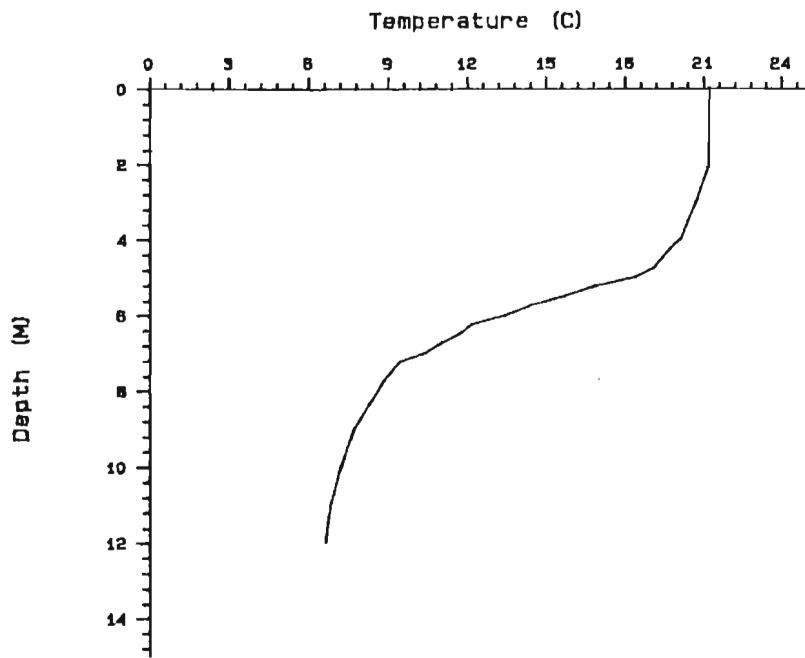


Temperature vs Depth L382 (Day 178)

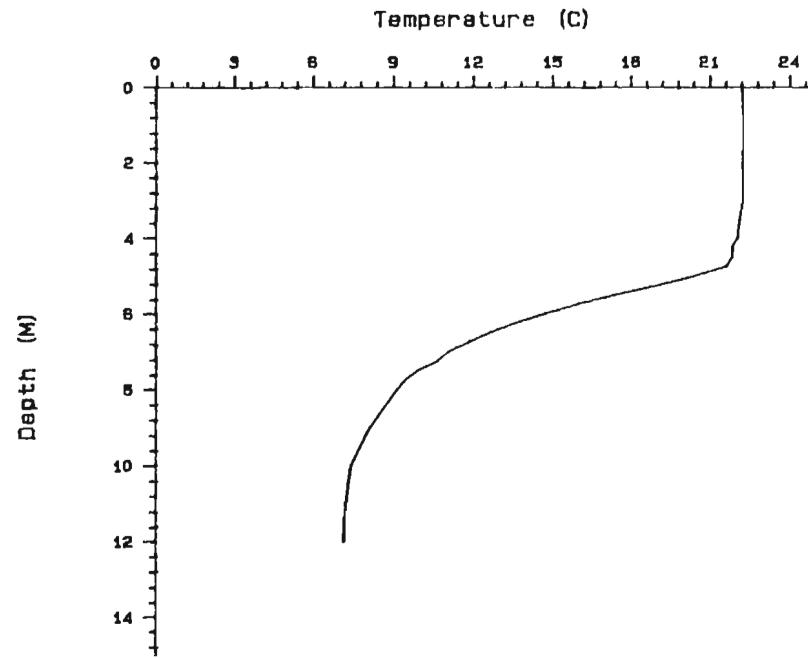


174

Temperature vs Depth L382 (Day 192)

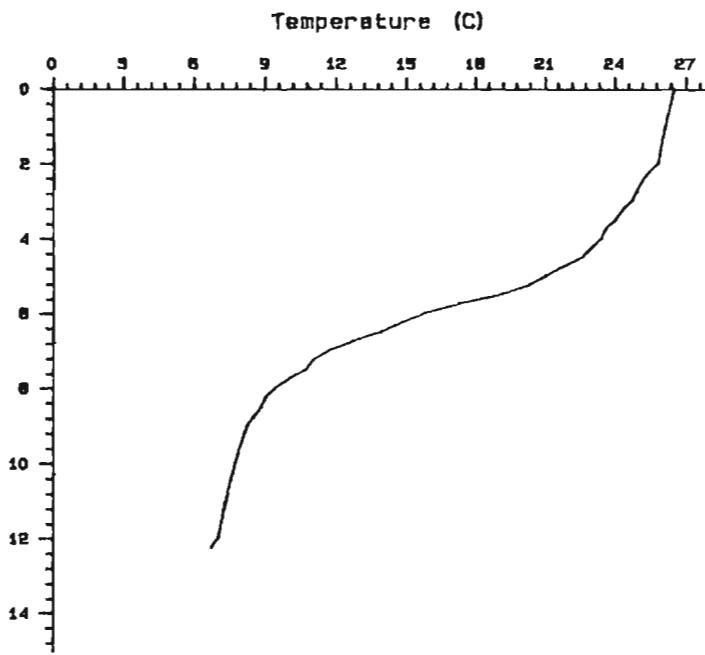


Temperature vs Depth L382 (Day 206)

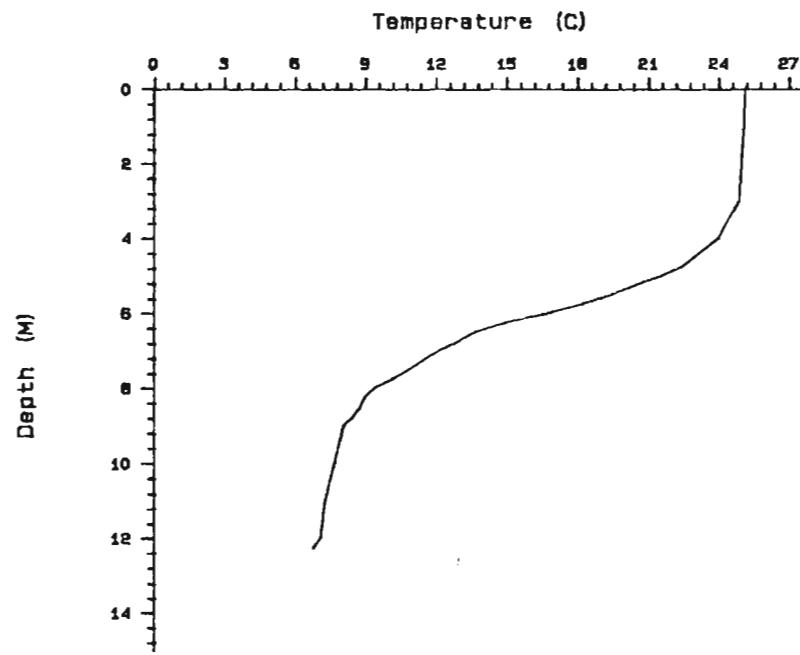


Depth (m)

Temperature vs Depth L382 Day 220

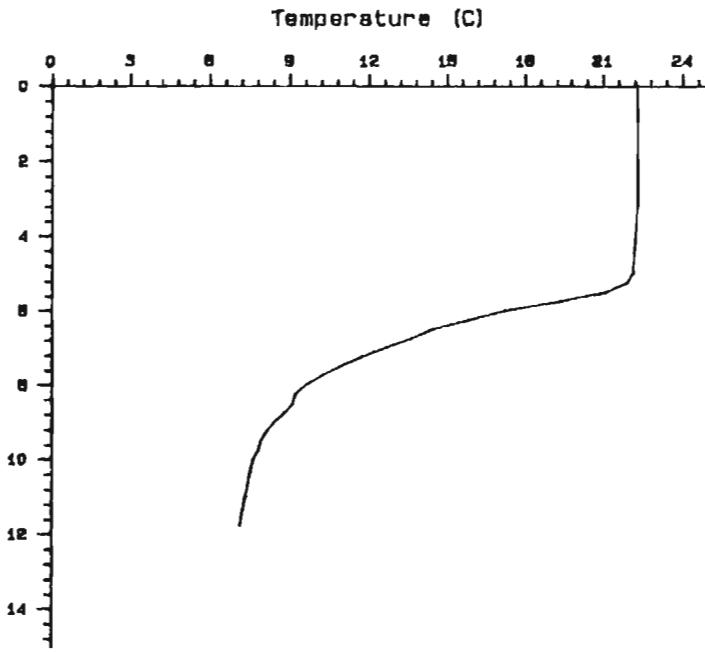


Temperature vs Depth L382 Day 222

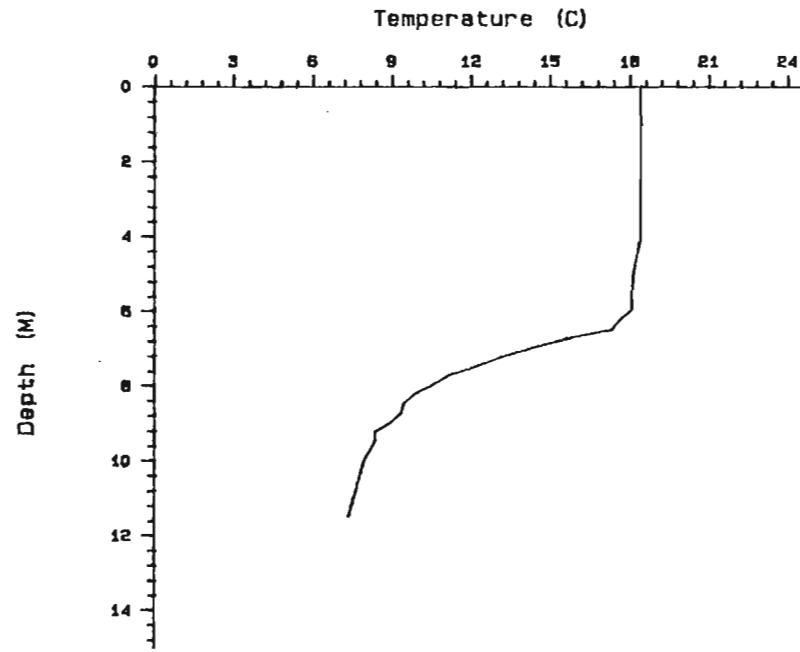


Depth (m)

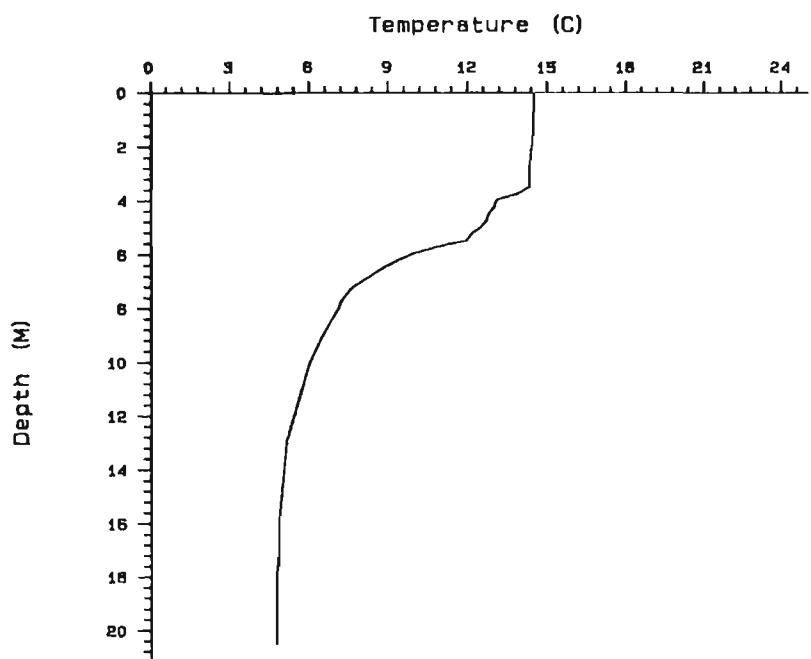
Temperature vs Depth L382 Day 234



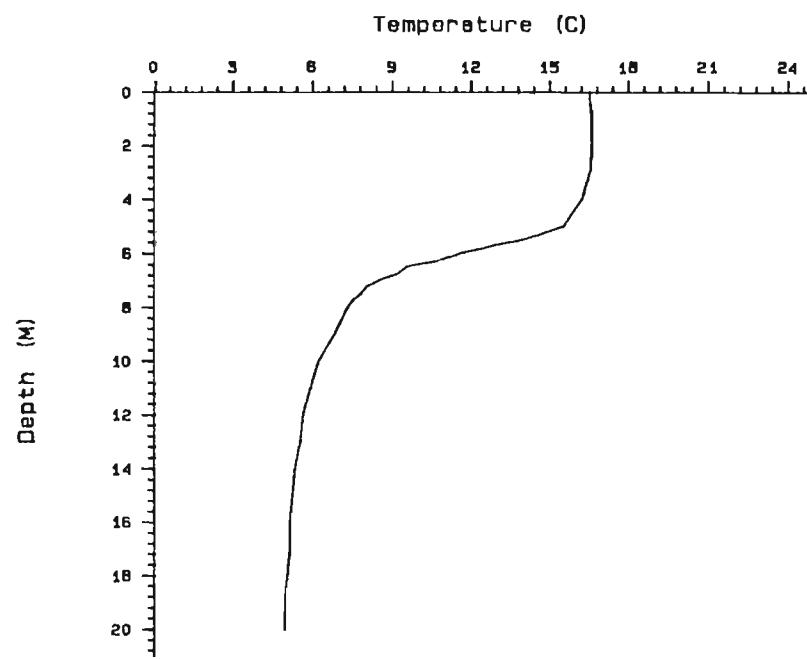
Temperature vs Depth L382 Day 249



Temperature vs Depth L823 (Day 152)

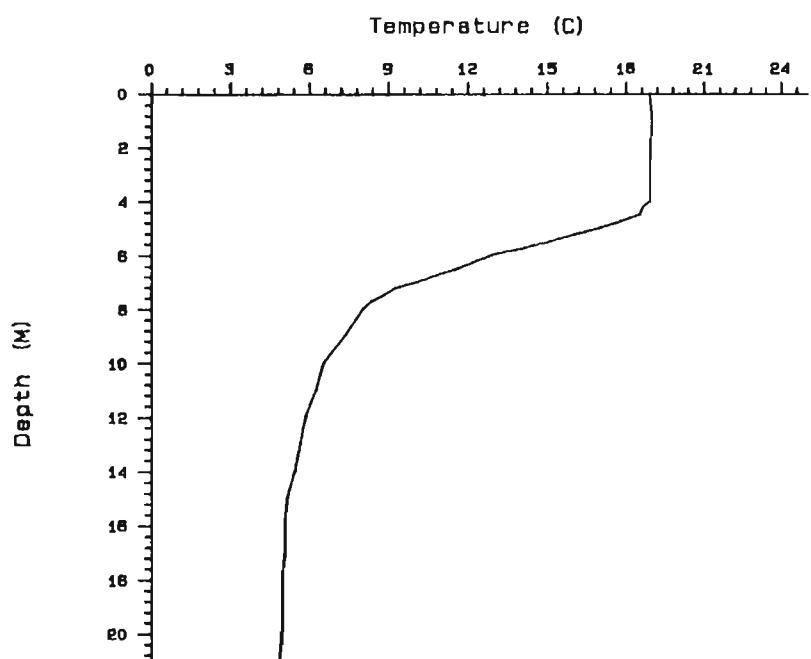


Temperature vs Depth L823 (Day 164)

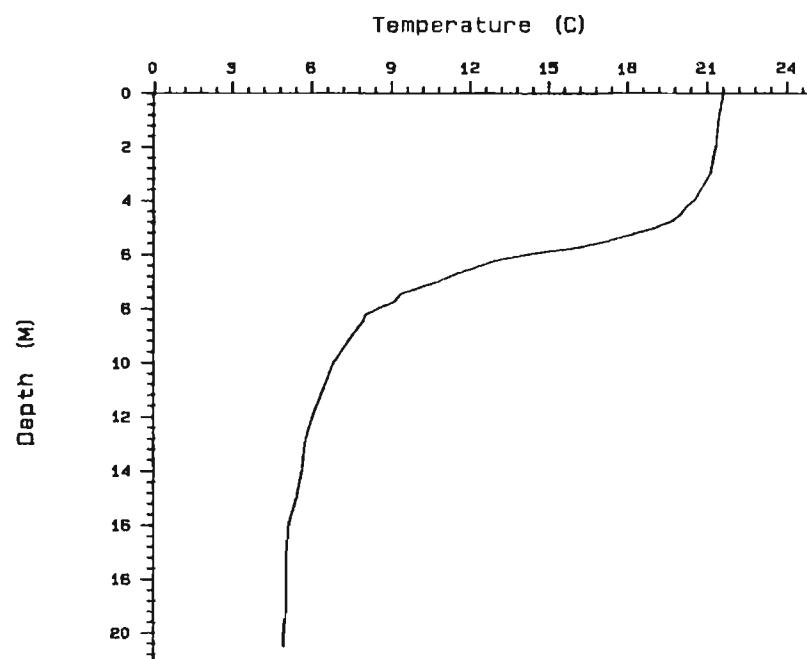


179

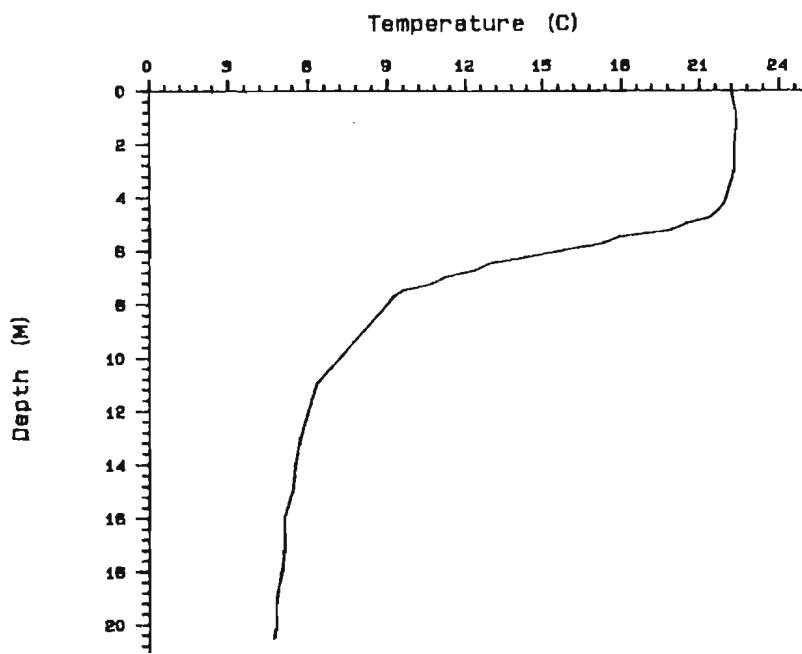
Temperature vs Depth L823 (Day 179)



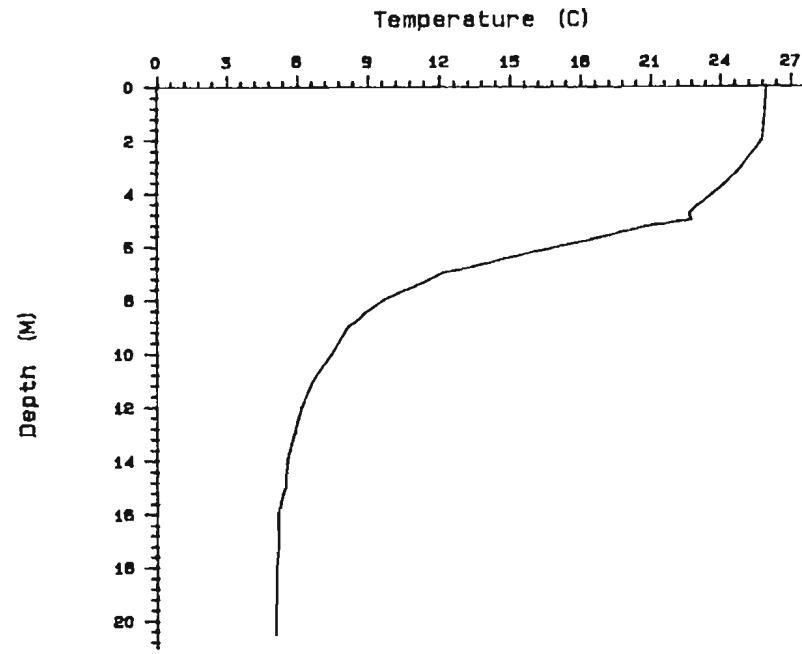
Temperature vs Depth L823 (Day 192)



Temperature vs Depth L823 (Day 207)

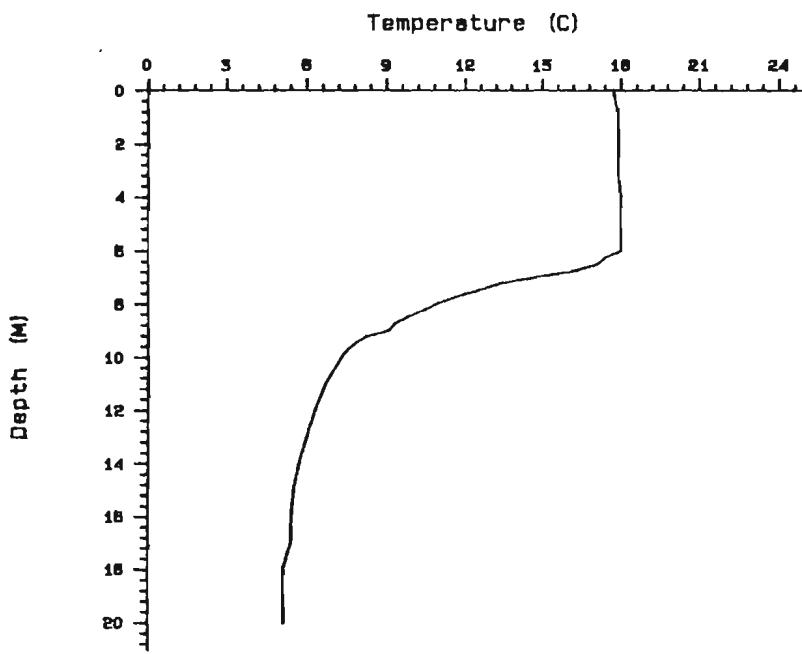


Temperature vs Depth L823 (Day 220)

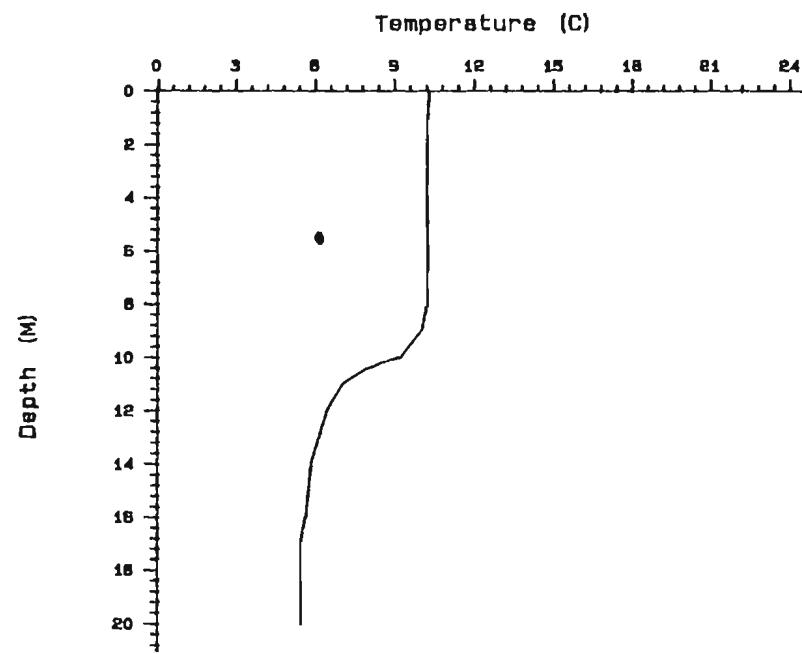


177

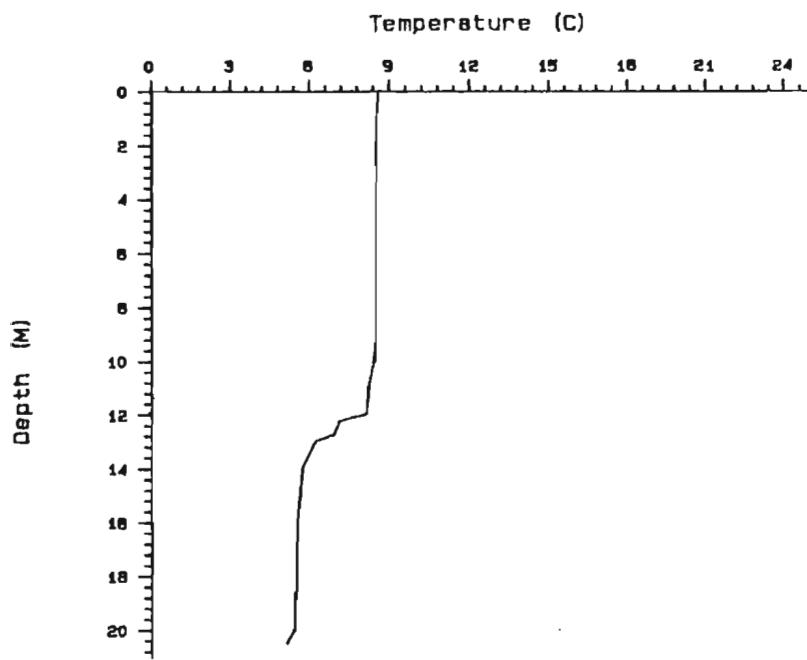
Temperature vs Depth L823 (Day 248)



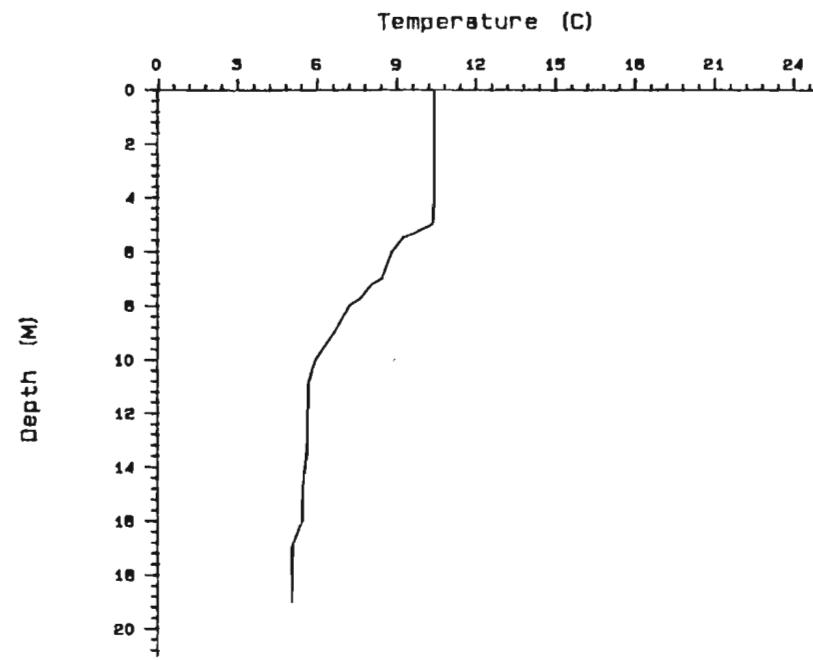
Temperature vs Depth L823 (Day 276)



Temperature vs Depth L623 (Day 297)

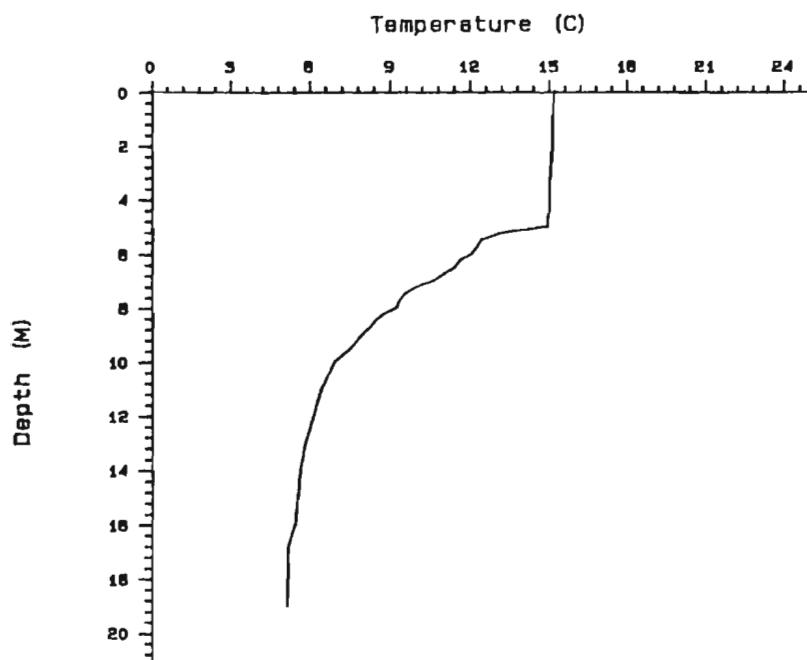


Temperature vs Depth L629 (Day 142)

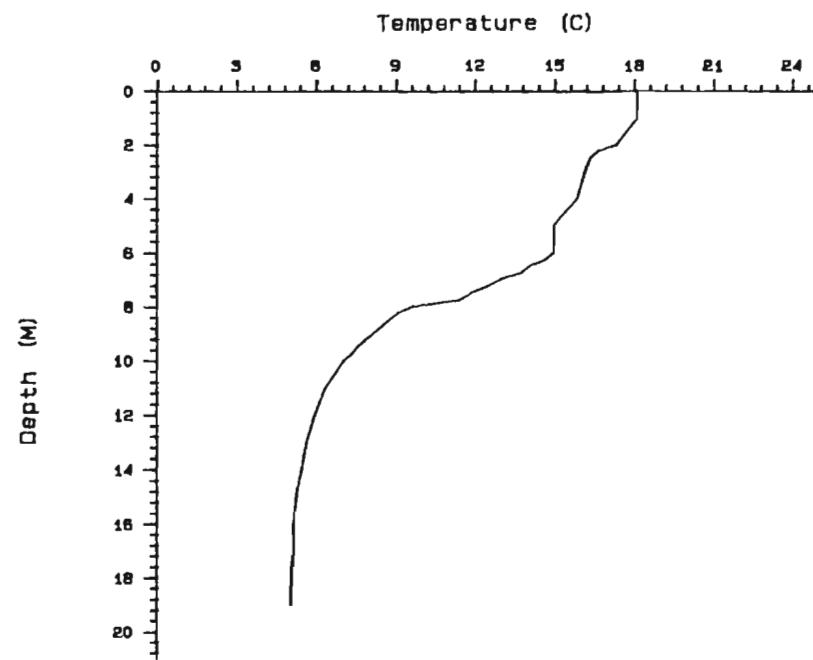


178

Temperature vs Depth L629 (Day 158)

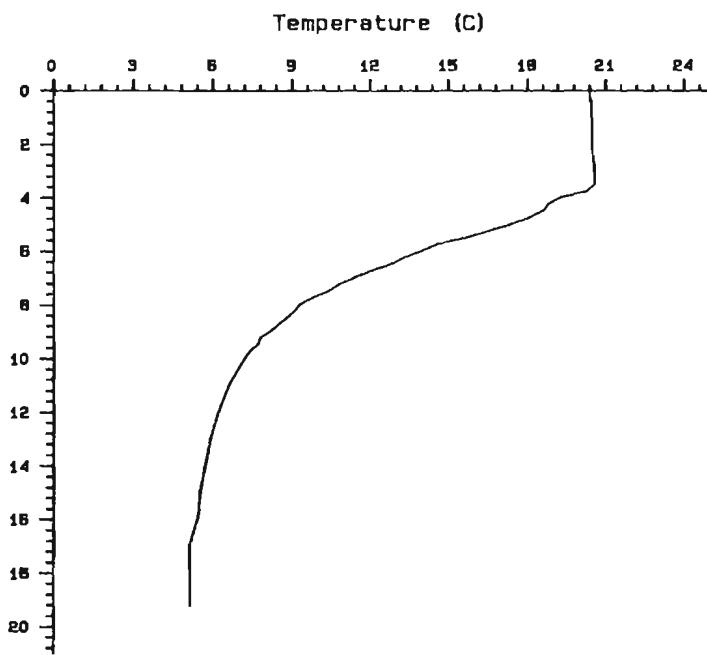


Temperature vs Depth L629 (Day 170)



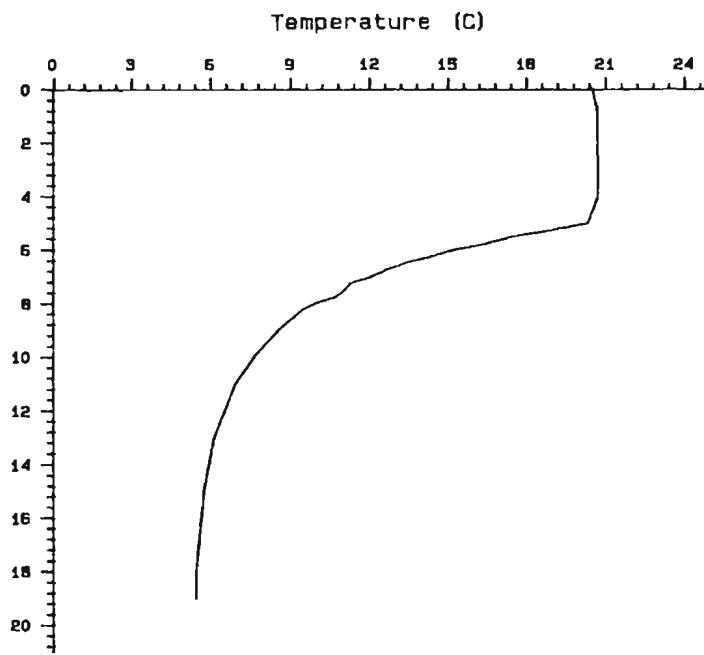
Temperature vs Depth L629 [Day 188]

Depth (M)



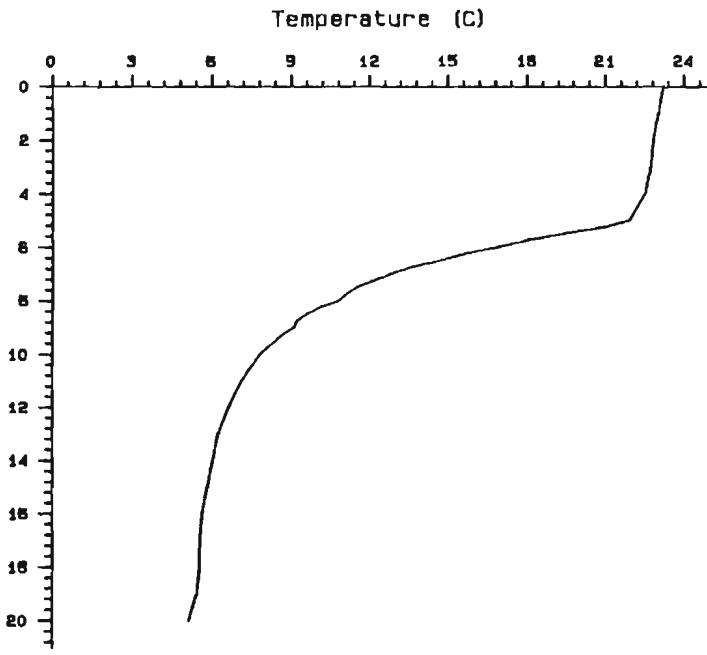
Temperature vs Depth L629 [Day 199]

Depth (M)



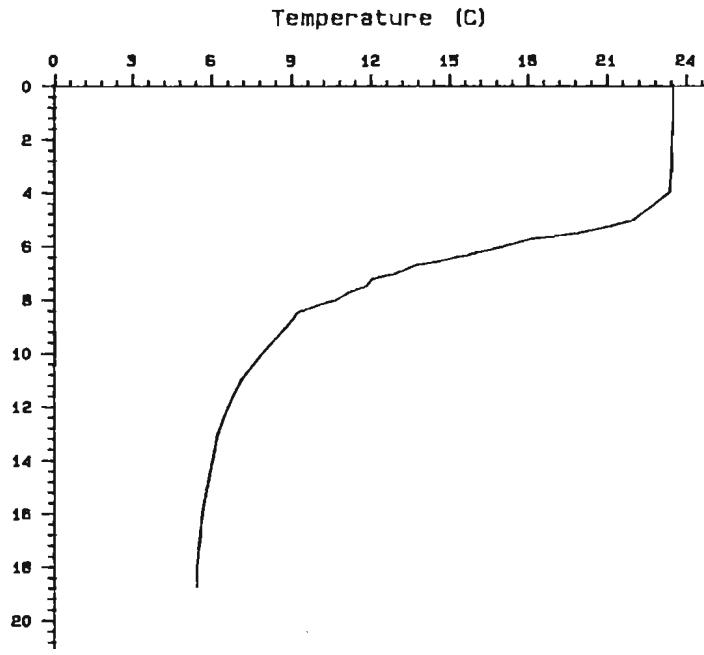
Temperature vs Depth L629 [Day 214]

Depth (M)

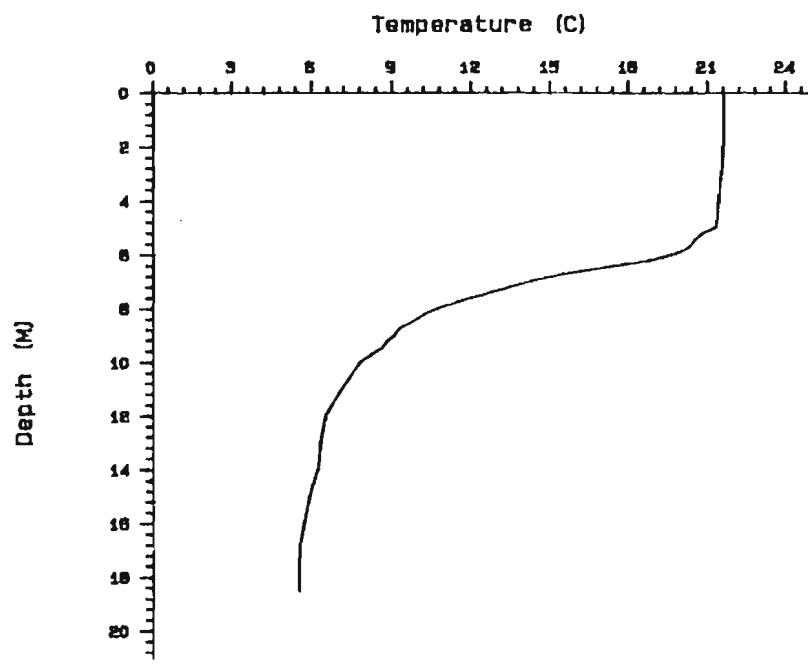


Temperature vs Depth L629 [Day 226]

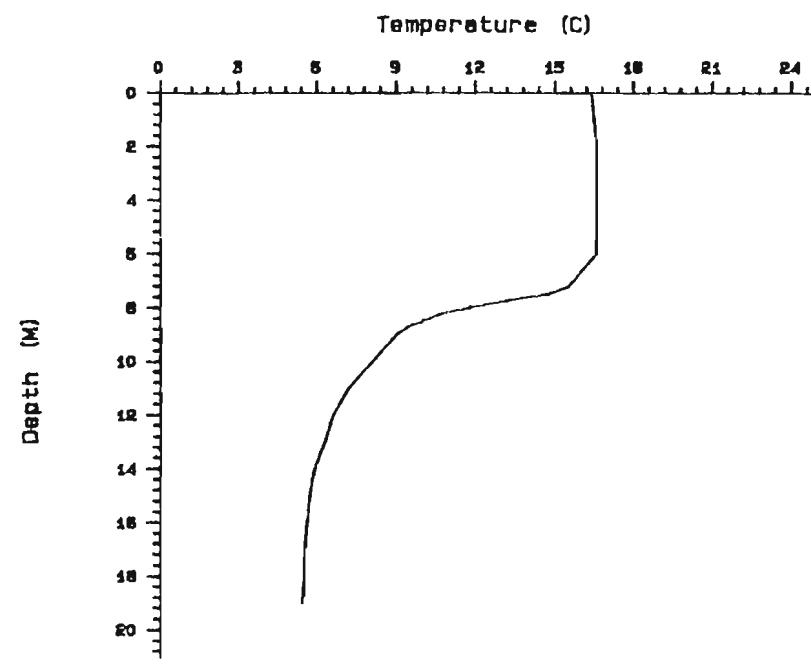
Depth (M)



Temperature vs Depth L829 (Day 242)

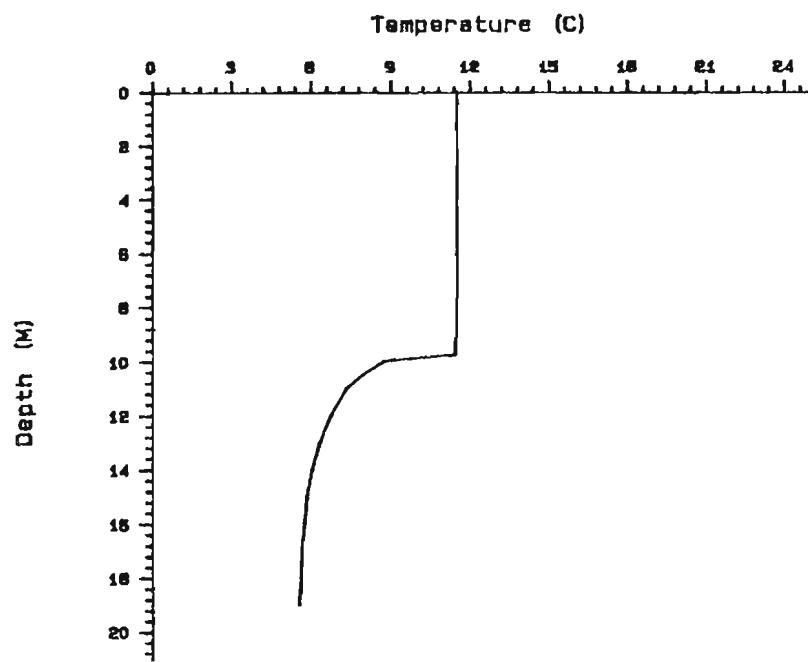


Temperature vs Depth L829 (Day 254)

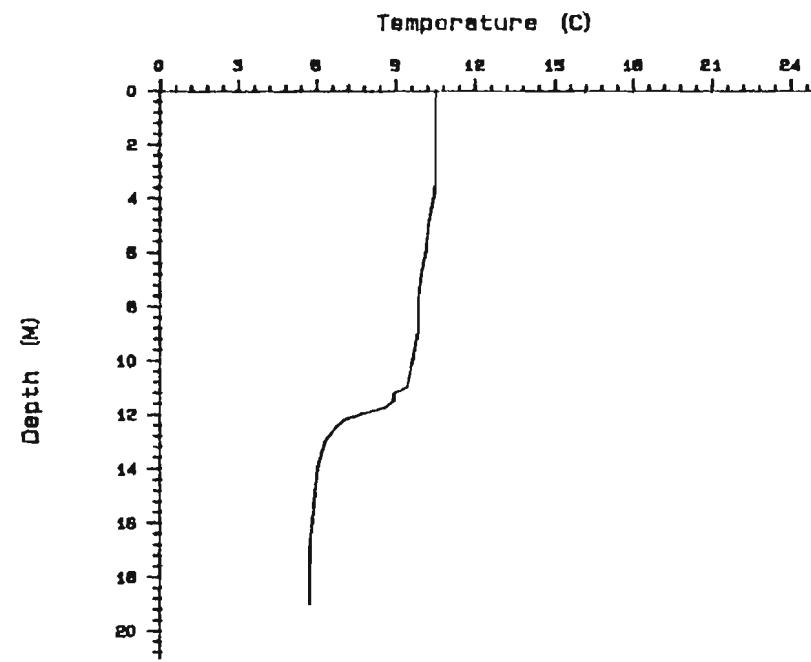


180

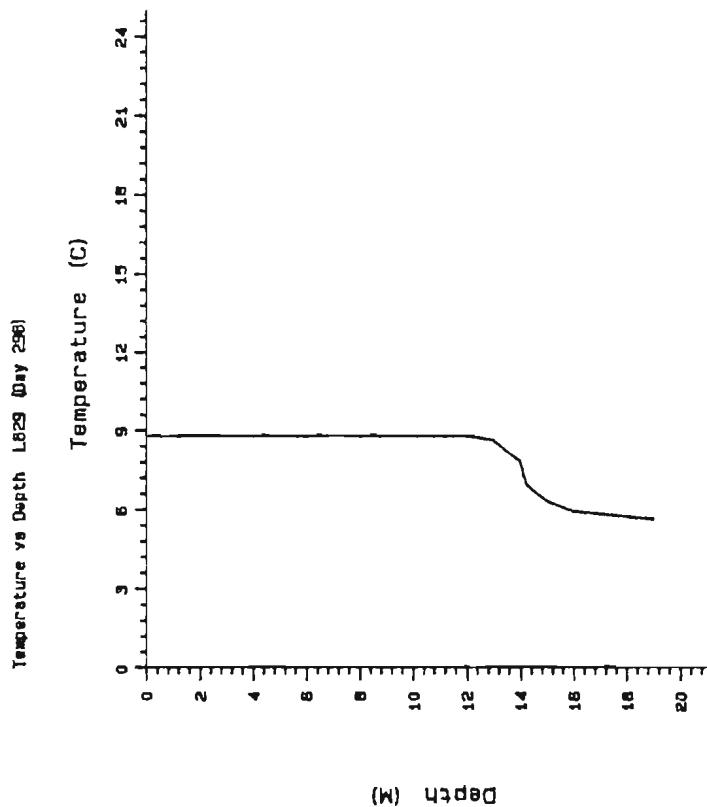
Temperature vs Depth L829 (Day 270)



Temperature vs Depth L829 (Day 282)



181



## APPENDIX C

Summary of planar thermocline data.

## Lake 93

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 158 | 1984          | 16.3             | 16.3         | 2.6           | 3.4                    |
| 170 | 1984          | 19.7             | 19.7         | 1.9           | 3.9                    |
| 186 | 1984          | 21.2             | 21.3         | 2.9           | 3.1                    |
| 198 | 1984          | 21.4             | 21.4         | 3.1           | 3.9                    |
| 214 | 1984          | 23.3             | 22.8         | 3.1           | 4.1                    |
| 226 | 1984          | 23.7             | 23.5         | 3.1           | 3.9                    |
| 242 | 1984          | 21.6             | 21.7         | 3.4           | 4.6                    |
| 254 | 1984          | 15.8             | 16.0         | 5.1           | 5.1                    |
| 270 | 1984          | 10.7             | 10.8         | 8.0           | .5                     |
| 282 | 1984          | 10.5             | 10.5         | 2.5           | 2.5                    |

## Lake 109

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 135 | 1984          | 10.6             | 10.4         | 10.0          | 4.5                    |
| 152 | 1984          | 14.9             | 14.5         | 3.5           | 5.9                    |
| 163 | 1984          | 16.1             | 16.1         | 5.4           | 5.4                    |
| 179 | 1984          | 19.0             | 19.0         | 4.4           | 5.6                    |
| 191 | 1984          | 21.3             | 21.1         | 5.1           | 6.9                    |
| 207 | 1984          | 22.8             | 22.8         | 4.6           | 5.9                    |
| 219 | 1984          | 25.0             | 24.9         | 4.1           | 6.1                    |
| 235 | 1984          | 21.6             | 21.7         | 6.4           | 6.6                    |
| 247 | 1984          | 18.8             | 18.8         | 7.1           | 7.4                    |
| 263 | 1984          | 16.7             | 16.6         | 8.6           | 9.4                    |
| 275 | 1984          | 10.9             | 11.0         | 9.3           | .5                     |

## Lake 110

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 135 | 1984          | 11.5             | 11.2         | 2.4           | 2.4                    |
| 152 | 1984          | 15.2             | 15.1         | 3.1           | 4.4                    |
| 163 | 1984          | 16.5             | 16.5         | 4.1           | 4.4                    |
| 191 | 1984          | 21.3             | 21.3         | 3.1           | 4.9                    |
| 207 | 1984          | 23.0             | 23.0         | 3.1           | 5.4                    |
| 219 | 1984          | 25.1             | 25.1         | 3.1           | 4.9                    |
| 235 | 1984          | 21.4             | 21.4         | 5.1           | 5.1                    |
| 247 | 1984          | 17.9             | 17.9         | 5.9           | 5.9                    |
| 263 | 1984          | 16.2             | 15.6         | 7.1           | 7.6                    |
| 275 | 1984          | 10.0             | 10.0         | 9.1           | 9.4                    |
| 297 | 1984          | 7.8              | 7.9          | 12.3          | 12.3                   |

## Lake 114

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 121 | 1984          | 6.5              | 6.6          | 4.0           | .5                     |
| 135 | 1984          | 12.0             | 12.0         | 4.5           | 4.5                    |
| 149 | 1984          | 13.9             | 14.0         | 4.6           | 4.6                    |
| 163 | 1984          | 18.0             | 17.9         | 4.5           | 4.5                    |
| 177 | 1984          | 19.9             | 19.8         | 4.5           | 4.5                    |
| 191 | 1984          | 22.3             | 22.2         | 3.1           | 3.6                    |
| 205 | 1984          | 22.5             | 22.7         | 3.4           | 3.6                    |
| 219 | 1984          | 27.9             | 27.8         | 2.4           | 3.1                    |
| 233 | 1984          | 23.2             | 23.2         | 4.3           | 4.3                    |
| 247 | 1984          | 16.6             | 16.5         | 4.5           | .5                     |
| 261 | 1984          | 13.3             | 13.1         | 4.8           | 4.4                    |
| 289 | 1984          | 13.3             | 13.3         | 4.0           | .5                     |

## Lake 222

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 128 | 1984          | 10.6             | 10.7         | 1.6           | 1.6                    |
| 142 | 1984          | 13.2             | 13.1         | 2.1           | 2.9                    |
| 156 | 1984          | 17.9             | 17.9         | 2.4           | 2.9                    |
| 169 | 1984          | 19.9             | 19.9         | 1.4           | 3.1                    |
| 184 | 1984          | 22.7             | 22.6         | 1.1           | 3.1                    |
| 198 | 1984          | 21.5             | 21.5         | 2.1           | 3.1                    |
| 212 | 1984          | 23.4             | 23.4         | 2.1           | 3.1                    |
| 226 | 1984          | 23.5             | 23.5         | 2.1           | 3.1                    |
| 240 | 1984          | 22.6             | 22.5         | 2.1           | 4.1                    |
| 254 | 1984          | 15.6             | 15.8         | 4.1           | 4.6                    |
| 268 | 1984          | 12.0             | 12.3         | 5.1           | 5.1                    |

## Lake 223

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 121 | 1984          | 6.1              | 6.1          | 14.0          | 1.5                    |
| 135 | 1984          | 9.2              | 9.2          | 14.0          | 4.5                    |
| 149 | 1984          | 12.4             | 12.4         | 5.5           | 7.1                    |
| 163 | 1984          | 16.0             | 15.9         | 5.5           | 6.1                    |
| 170 | 1984          | 19.9             | 19.9         | 1.4           | 3.1                    |
| 177 | 1984          | 18.7             | 18.7         | 5.1           | 6.4                    |
| 191 | 1984          | 20.5             | 20.4         | 6.1           | 6.9                    |
| 205 | 1984          | 21.8             | 21.9         | 6.1           | 6.9                    |
| 219 | 1984          | 24.5             | 24.5         | 6.1           | 6.6                    |
| 233 | 1984          | 23.0             | 23.0         | 7.4           | 7.4                    |
| 246 | 1984          | 19.3             | 19.3         | 9.1           | 9.1                    |
| 261 | 1984          | 15.5             | 15.6         | 10.1          | 11.1                   |
| 275 | 1984          | 11.7             | 11.7         | 14.0          | 10.5                   |
| 289 | 1984          | 13.0             | 12.6         | 14.0          | .5                     |

## Lake 224

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 135 | 1984          | 9.3              | 9.3          | 26.0          | 7.5                    |
| 149 | 1984          | 12.7             | 12.3         | 6.5           | 7.4                    |
| 163 | 1984          | 15.6             | 15.6         | 6.1           | 6.9                    |
| 177 | 1984          | 18.9             | 18.9         | 5.1           | 7.1                    |
| 191 | 1984          | 20.5             | 20.4         | 3.5           | 6.1                    |
| 205 | 1984          | 21.9             | 21.9         | 6.4           | 6.9                    |
| 219 | 1984          | 24.5             | 24.4         | 6.1           | 6.9                    |
| 233 | 1984          | 22.8             | 22.9         | 7.4           | 7.9                    |
| 247 | 1984          | 18.8             | 18.8         | 9.1           | 9.1                    |
| 261 | 1984          | 16.0             | 15.9         | 10.9          | 11.1                   |
| 275 | 1984          | 11.5             | 11.7         | 13.1          | 13.9                   |
| 303 | 1984          | 7.4              | 7.6          | 25.0          | 20.5                   |

## Lake 226 N

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 143 | 1984          | 13.0             | 13.0         | 3.1           | 4.1                    |
| 158 | 1984          | 16.8             | 16.8         | 3.6           | 5.1                    |
| 171 | 1984          | 19.3             | 19.3         | 2.1           | 4.9                    |
| 186 | 1984          | 21.7             | 21.7         | 3.1           | 5.4                    |
| 199 | 1984          | 20.5             | 20.7         | 4.1           | 4.1                    |
| 214 | 1984          | 23.1             | 23.1         | 3.6           | 5.1                    |
| 228 | 1984          | 23.5             | 23.6         | 3.9           | 4.6                    |
| 242 | 1984          | 22.1             | 22.1         | 4.1           | 5.1                    |
| 255 | 1984          | 16.3             | 16.2         | 6.1           | 6.6                    |
| 271 | 1984          | 10.2             | 10.4         | 8.1           | 8.6                    |
| 304 | 1984          | 5.0              | 5.1          | 14.0          | .5                     |

## Lake 226 S

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 143 | 1984          | 13.1             | 13.0         | 3.1           | 3.9                    |
| 158 | 1984          | 16.8             | 16.8         | 3.4           | 3.4                    |
| 171 | 1984          | 19.4             | 19.4         | 1.6           | 4.9                    |
| 186 | 1984          | 21.7             | 21.7         | 3.1           | 4.1                    |
| 199 | 1984          | 20.8             | 20.8         | 3.9           | 4.1                    |
| 214 | 1984          | 23.4             | 23.4         | 3.1           | 4.9                    |
| 228 | 1984          | 23.2             | 23.4         | 3.9           | 4.1                    |
| 242 | 1984          | 21.9             | 21.9         | 4.1           | 4.9                    |
| 255 | 1984          | 15.8             | 16.0         | 5.4           | 5.9                    |
| 271 | 1984          | 10.5             | 10.5         | 8.1           | 8.1                    |
| 304 | 1984          | 5.1              | 5.1          | 11.5          | 1.5                    |

## Lake 227

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 129 | 1984          | 8.2              | 8.2          | 2.1           | 2.4                    |
| 143 | 1984          | 13.9             | 13.7         | 2.1           | 2.6                    |
| 157 | 1984          | 17.4             | 17.4         | 2.1           | 2.4                    |
| 171 | 1984          | 19.8             | 19.8         | 1.5           | 2.9                    |
| 185 | 1984          | 22.1             | 22.1         | 2.1           | 3.1                    |
| 199 | 1984          | 20.8             | 20.9         | 2.6           | 3.9                    |
| 213 | 1984          | 23.1             | 23.1         | 2.1           | 2.9                    |
| 227 | 1984          | 24.3             | 24.2         | 1.6           | 2.9                    |
| 241 | 1984          | 23.1             | 23.0         | 1.4           | 4.1                    |
| 255 | 1984          | 14.8             | 14.8         | 3.6           | 4.1                    |
| 269 | 1984          | 9.8              | 10.0         | 5.1           | 5.4                    |
| 283 | 1984          | 10.8             | 10.7         | 1.5           | 6.1                    |
| 298 | 1984          | 6.6              | 6.5          | 8.5           | 8.5                    |

## Lake 239

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 129 | 1984          | 5.6              | 5.6          | 31.0          | 14.5                   |
| 143 | 1984          | 11.4             | 11.3         | 6.1           | 7.1                    |
| 157 | 1984          | 16.1             | 16.1         | 4.1           | 7.1                    |
| 171 | 1984          | 19.5             | 19.1         | 4.1           | 4.1                    |
| 185 | 1984          | 21.2             | 21.3         | 4.1           | 6.9                    |
| 199 | 1984          | 20.7             | 20.6         | 4.9           | 6.4                    |
| 213 | 1984          | 22.6             | 22.7         | 4.4           | 5.9                    |
| 227 | 1984          | 24.0             | 24.0         | 5.4           | 5.4                    |
| 241 | 1984          | 22.0             | 22.0         | 6.1           | 7.6                    |
| 255 | 1984          | 16.6             | 16.5         | 7.6           | 7.9                    |
| 269 | 1984          | 12.2             | 12.2         | 9.1           | 9.6                    |
| 303 | 1984          | 6.6              | 6.7          | 31.0          | 22.5                   |

## Lake 240

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 130 | 1984          | 7.0              | 6.9          | 13.0          | 10.5                   |
| 145 | 1984          | 12.9             | 12.8         | 6.1           | 6.9                    |
| 158 | 1984          | 16.4             | 16.4         | 4.4           | 4.6                    |
| 173 | 1984          | 19.8             | 20.2         | 3.1           | 5.9                    |
| 186 | 1984          | 21.2             | 21.2         | 4.6           | 6.6                    |
| 201 | 1984          | 20.7             | 20.7         | 5.9           | 5.9                    |
| 214 | 1984          | 22.7             | 22.9         | 5.1           | 7.1                    |
| 229 | 1984          | 22.5             | 22.7         | 5.6           | 6.4                    |
| 242 | 1984          | 22.0             | 22.1         | 6.6           | 7.4                    |
| 256 | 1984          | 15.6             | 15.8         | 8.1           | 8.6                    |
| 270 | 1984          | 11.2             | 11.2         | 12.0          | 11.5                   |

## Lake 302 N 187

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 122 | 1984          | 6.2              | 6.2          | 13.0          | 9.5                    |
| 136 | 1984          | 12.8             | 11.8         | .4            | 2.9                    |
| 150 | 1984          | 14.1             | 13.5         | 2.5           | 4.9                    |
| 164 | 1984          | 17.0             | 17.0         | 3.1           | 5.4                    |
| 178 | 1984          | 19.6             | 19.6         | 3.1           | 4.1                    |
| 192 | 1984          | 21.6             | 21.3         | 3.1           | 4.9                    |
| 206 | 1984          | 22.2             | 22.3         | 3.6           | 5.1                    |
| 220 | 1984          | 25.8             | 25.8         | 3.1           | 4.9                    |
| 222 | 1984          | 25.2             | 25.2         | 3.1           | 4.9                    |
| 234 | 1984          | 22.0             | 22.1         | 4.6           | 5.1                    |
| 262 | 1984          | 14.8             | 14.6         | 7.1           | 7.6                    |
| 276 | 1984          | 10.3             | 10.2         | 10.1          | 10.1                   |
| 290 | 1984          | 12.1             | 12.1         | 5.5           | 5.5                    |
| 304 | 1984          | 5.6              | 5.6          | 13.0          | .5                     |

## Lake 302 S

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 122 | 1984          | 6.7              | 6.7          | 10.0          | 6.5                    |
| 136 | 1984          | 12.4             | 12.2         | 3.1           | 3.4                    |
| 150 | 1984          | 13.9             | 13.9         | 6.1           | 6.1                    |
| 164 | 1984          | 16.9             | 16.9         | 5.1           | 7.1                    |
| 178 | 1984          | 19.9             | 20.0         | 4.4           | 5.9                    |
| 192 | 1984          | 21.6             | 21.6         | 5.1           | 6.1                    |
| 206 | 1984          | 22.8             | 22.8         | 5.1           | 6.9                    |
| 220 | 1984          | 25.6             | 25.7         | 5.1           | 6.9                    |
| 223 | 1984          | 24.4             | 24.4         | 5.1           | 6.6                    |
| 234 | 1984          | 22.9             | 22.9         | 6.4           | 6.6                    |
| 262 | 1984          | 15.5             | 15.5         | 9.4           | 9.4                    |
| 276 | 1984          | 10.9             | 10.8         | 10.0          | .5                     |
| 290 | 1984          | 11.5             | 11.5         | 13.5          | 3.                     |
| 304 | 1984          | 5.1              | 5.5          | 10.0          | .5                     |

## Lake 373

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 136 | 1984          | 10.5             | 10.5         | 20.0          | 2.5                    |
| 152 | 1984          | 13.4             | 13.5         | 5.4           | 5.4                    |
| 164 | 1984          | 16.0             | 16.0         | 5.4           | 6.9                    |
| 179 | 1984          | 18.7             | 18.8         | 5.1           | 7.1                    |
| 192 | 1984          | 21.2             | 21.0         | 5.1           | 6.4                    |
| 207 | 1984          | 22.3             | 22.3         | 5.1           | 6.9                    |
| 222 | 1984          | 24.8             | 24.7         | 5.1           | 6.4                    |
| 235 | 1984          | 21.0             | 21.2         | 6.6           | 7.4                    |
| 248 | 1984          | 18.6             | 18.6         | 8.1           | 8.1                    |
| 263 | 1984          | 16.1             | 15.8         | 9.1           | 10.1                   |
| 276 | 1984          | 10.9             | 10.9         | 12.1          | 12.6                   |
| 296 | 1984          | 9.0              | 9.2          | 15.1          | 15.4                   |

## Lake 374

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 142 | 1984          | 7.2              | 7.2          | 23.0          | 22.5                   |
| 171 | 1984          | 17.3             | 17.3         | 6.1           | 7.1                    |
| 198 | 1984          | 20.6             | 20.6         | 7.6           | 13.5                   |
| 214 | 1984          | 22.2             | 22.2         | 7.1           | 8.4                    |
| 227 | 1984          | 23.5             | 23.5         | 7.1           | 7.9                    |
| 242 | 1984          | 21.9             | 21.9         | 8.9           | 9.9                    |
| 254 | 1984          | 17.1             | 17.2         | 10.6          | 11.1                   |
| 282 | 1984          | 11.1             | 11.1         | 16.5          | 17.4                   |
| 296 | 1984          | 9.3              | 9.4          | 19.4          | 19.9                   |

## Lake 382

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 136 | 1984          | 10.6             | 10.6         | 3.4           | 3.6                    |
| 150 | 1984          | 14.6             | 14.6         | 2.1           | 6.1                    |
| 164 | 1984          | 16.8             | 16.8         | 4.1           | 5.1                    |
| 178 | 1984          | 19.6             | 19.6         | 4.1           | 5.4                    |
| 192 | 1984          | 21.2             | 21.2         | 4.1           | 5.1                    |
| 206 | 1984          | 22.2             | 22.3         | 4.9           | 5.4                    |
| 220 | 1984          | 26.5             | 26.1         | 2.1           | 5.6                    |
| 222 | 1984          | 25.1             | 25.0         | 4.1           | 6.1                    |
| 234 | 1984          | 22.3             | 22.3         | 5.4           | 5.9                    |
| 249 | 1984          | 18.4             | 18.4         | 6.1           | 6.6                    |
|     |               |                  |              | 1             | 10.4                   |

## Lake 623

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 152 | 1984          | 14.5             | 14.5         | 3.6           | 5.6                    |
| 164 | 1984          | 16.5             | 16.6         | 5.1           | 5.6                    |
| 179 | 1984          | 18.9             | 19.0         | 4.1           | 5.9                    |
| 192 | 1984          | 21.6             | 21.4         | 4.1           | 5.9                    |
| 207 | 1984          | 22.2             | 22.4         | 4.6           | 5.4                    |
| 220 | 1984          | 25.9             | 25.8         | 3.1           | 5.1                    |
| 248 | 1984          | 17.7             | 17.9         | 6.1           | 6.9                    |
| 276 | 1984          | 10.3             | 10.2         | 10.1          | 10.1                   |
| 297 | 1984          | 8.6              | 8.5          | 12.1          | 12.1                   |

## Lake 629

|     | Sampling Date | Surface Temp (C) | Epi Temp (C) | Epi Depth (M) | Planar Thermocline (M) |
|-----|---------------|------------------|--------------|---------------|------------------------|
| 142 | 1984          | 10.4             | 10.4         | 5.1           | 5.4                    |
| 158 | 1984          | 15.2             | 15.1         | 5.1           | 5.1                    |
| 170 | 1984          | 18.1             | 18.1         | 2.1           | 7.9                    |
| 186 | 1984          | 20.4             | 20.5         | 3.6           | 5.6                    |
| 198 | 1984          | 20.5             | 20.7         | 5.1           | 5.4                    |
| 214 | 1984          | 23.2             | 23.0         | 5.1           | 5.4                    |
| 226 | 1984          | 23.5             | 23.5         | 4.5           | 7.1                    |
| 242 | 1984          | 21.6             | 21.6         | 5.1           | 6.4                    |
| 254 | 1984          | 16.4             | 16.5         | 7.4           | 7.6                    |
| 270 | 1984          | 11.5             | 11.5         | 9.9           | 9.9                    |
| 282 | 1984          | 10.5             | 10.5         | 11.1          | 11.9                   |
| 296 | 1984          | 8.8              | 8.8          | 14.1          | 14.1                   |

