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TEMPERATURE PROFILES FOR 20 LAKES IN THE
EXPERIMENTAL LAKES AREA, NORTHWESTERN ONTARIO, 1987

by

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ABSTRACT

Cruikshank, D.R. 1988. Temperature profiles for 20 lakes in the Experimental Lakes Area, northwestern Ontario, 1987. Can. Data Rep. Fish. Aquat. Sci. 696: iv + 31 p.

This report presents 240 temperature profiles from 20 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; Secchi disk.

RÉSUMÉ

Cruikshank, D.R. 1988. Temperature profiles for 20 lakes in the Experimental Lakes Area, northwestern Ontario, 1987. Can. Data Rep. Fish. Aquat. Sci. 696: iv + 31 p.

Le présent rapport présente 240 profils de température de 20 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: profiles de température; thermocline; lacs expérimentaux; disques de Secchi.

INTRODUCTION

This report is the fifth in a series of data reports on lake temperature profiles at the Experimental Lakes Area (ELA). Temperature data from 1968-1983 for 39 lakes were presented by Cruikshank (1984), for 1984 by Lyng and Cruikshank (1985), for 1985 by Cruikshank (1986), and for 1986 by Cruikshank (1987). In this report, 240 temperature profiles for 20 lakes during the 1986 ice-free season were presented in tabular (Appendix 1) form. Additional information such as weather descriptions, water colour and Secchi depths were presented when available (Appendix 2).

In 1987, most ELA lakes begin to stratify by early to mid-May with stable summer thermal regimes appearing by mid-June and disappearing by mid-September.

METHODS

In 1987, all temperature 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 such as wind speed and cloud cover were subjective and may vary between observers. Secchi depths were measured on the shadow side of the boat during the morning. The Secchi disk was lowered until it disappeared and then raised up until it reappeared. The mean of the two depths was recorded as the Secchi disk reading. Water colour was a subjective measurement defined as the colour of water against the white background of the Secchi disk 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.

ACKNOWLEDGMENTS

I would like to thank Tim Cooper, Joel Garlich-Miller and Steve Sandstrom who assisted me in the collection of field data for 1986. I would also like to thank Donna Laroque who typed this report.

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- 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.

Appendix 1. Physical measurements and weather observations

LAKE# 109

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
131	12.0	10	0- 5	N	5.1	YELLOW GREEN	4.1	6.4
145							7.1	7.6
159	10.0	7	10-15	NE	6.1	PALE GREEN	4.4	7.1
177	16.5	10	0- 5	E	7.0	YELLOW GREEN	4.1	4.4
187	22.0	9	0- 5	NW	5.0	PALE GREEN	5.1	5.6
204	21.0	5	0- 5	NW	6.0	PALE GREEN	6.1	7.4
215	25.0	4	10-15	NW	7.2	YELLOW GREEN	4.1	7.4
229	18.5	4	0- 5	SW	5.5	YELLOW GREEN	6.6	6.9
243	13.0	5	25-30	N	6.0	PALE	8.1	8.1
261	15.0	10	15-20	S	3.6	PALE GREEN	9.1	9.6
271	13.0	10	15-20	E	3.6	PALE GREEN	9.5	9.3
293	7.0	10	15-20	E	3.6	YELLOW	9.3	9.3

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 110

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
131	9.0	9	5-10	N	2.8	PALE GREEN	3.6	4.1
145	14.0	10	0- 5	S	4.0	GREEN	4.5	5.6
177	16.5	9	10-15	E	4.6	YELLOW GREEN	3.6	3.9
187	28.0	2	0- 5		3.7	YELLOW	3.5	4.6
205	24.0	1	0- 5	SE	4.4	YELLOW GREEN	4.1	5.1
229	18.5	5	0- 5	SW	5.3	YELLOW GREEN	5.1	5.6
243	11.5	2	5-10	SE	6.0	PALE GREEN	6.1	6.4
261	16.0	10	15-20	S	5.2	PALE GREEN	6.4	7.1
271	13.0	9	15-20	NE	4.8	YELLOW GREEN	7.1	7.4
293	3.0	10	5-10	E	3.2	YELLOW	12.3	12.1

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 221

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
138	11.0	9	5-10		3.0	ORANGE	3.6	3.9
145							5.0	.5
162	14.0	10	0- 5	SW	2.3	PALE YELLOW	2.1	2.9
176	21.5	6	5-10	W	2.2	ORANGE YELLOW	2.1	2.6
188	25.0	4	0- 5		2.3	ORANGE	1.1	3.6
203	26.0	10			2.6	ORANGE YELLOW	1.6	3.1
218	18.0	7	10-15	SW	3.4	PALE YELLOW	2.4	3.4
229	17.0	7	0- 5	SW	2.4	ORANGE	3.1	4.4
244	16.0	1	0- 5	N	2.3	ORANGE YELLOW	4.1	4.6
260		2			1.0	YELLOW	4.1	5.6
272	11.0	9	15-20	NW	1.6	BROWN	5.6	5.3

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 222

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
138	13.0	9	5-10		3.0	ORANGE	3.1	3.4
145		0					.5	1.5
162	14.0	10			2.6	ORANGE YELLOW	2.1	2.9
176	19.0	7	0- 5	W	2.9	ORANGE	2.1	2.1
188	25.0	3	0- 5		3.0	ORANGE	1.1	3.9
203	22.0	10	5-10	SE	3.6	PALE ORANGE	2.1	3.6
218	18.0	10	10-15	SW	2.1	DARK YELLOW	3.1	3.1
229	17.0	7	0- 5	SW	2.8	ORANGE	3.1	3.9
244	16.0	2	0- 5	N	2.9	ORANGE	4.1	4.4
260	18.0	2	0- 5	SE	3.0	BROWN	4.1	4.6
272	12.0	6	0- 5	W	2.2	BROWN ORANGE	5.3	5.3

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 223

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
124	11.0	9	0- 5	SE	4.6	PALE	GREEN	6.5
138	9.0	9	15-20	N	5.2	PALE	GREEN	7.1
152	22.0	5	10-15	S	6.5	PALE	GREEN	2.6
166	24.0	0	0- 5	S	6.6	PALE		6.4
180	16.0	8	5-10	NW	5.8	PALE	GREEN	5.5
194	14.0	2	0- 5	N	5.9	PALE		6.4
208	24.0	0			6.0	PALE	GREEN	7.1
222	24.0	2	0- 5	SW	4.8	PALE		7.4
236	14.0	4	5-10	SW	4.8	PALE		9.1
250	17.0	8	5-10	W				10.1
266	11.0	1	15-20	NE	5.0	PALE		10.1
278	9.0	10	25-30	N	3.3	YELLOW		14.1
301	4.0	10	0- 5	SW	4.5	PALE	GREEN	14.1
								14.1

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 224

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
124	13.0	10	5-10	S	6.8	PALE		6.5
138	12.0	10	15-20	N	6.5	PALE		6.9
152	21.0	8	5-10	S	7.6	PALE	GREEN	2.4
166	25.0	0	5-10	S	10.0	PALE	GREEN	5.1
180	16.0	7	0- 5	SW	10.3	PALE	BLUE	5.3
194	17.0	4	0- 5	N	10.4	PALE	GREEN	6.6
208	24.0	1	0- 5	NE	10.5	PALE	GREEN	7.1
222	20.0	3	0- 5	SW	9.8	PALE		7.9
236	15.0	2	5-10	SE	9.3	PALE	GREEN	9.4
250	18.0	7	0- 5	W				10.1
264	16.0	1	0- 5	E	6.8	PALE	GREEN	11.1
278	9.0	10	25-30	N	5.8	PALE		13.1
301	4.0	10	0- 5	SW	6.0	PALE		22.5

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 225

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
138	12.5	10	0- 5	N	1.8	ORANGE	1.8	.5
152	21.0	8	5-10	S	1.8	ORANGE	1.4	1.8
166	26.0	8	5-10	S	1.9	ORANGE	1.5	1.5
180	.	.	.	.	.	.	1.5	1.3
194	15.5	4	5-10	N	1.6	YELLOW BROWN	1.3	1.3
208	24.0	0	0- 0	.	1.5	ORANGE	1.5	.5
222	24.0	2	0- 5	SW	.	.	1.5	.5
236	14.0	2	0- 5	SE	1.7	ORANGE	2.0	1.5
250	18.0	7	0- 5	W	.	.	1.6	.5
266	12.0	1	20-25	N	.	.	1.6	.3
278	9.0	10	25-30	N	1.5	ORANGE	1.5	.3

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 226 N

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
139	8.0	10	0- 5	.	3.8	YELLOW GREEN	4.6	5.1
155	14.6	6	10-15	N	3.9	YELLOW	3.4	9.5
167	27.0	0	0- 5	SW	3.9	YELLOW	2.1	2.6
184	25.0	1	.	.	4.0	YELLOW GREEN	4.1	4.4
195	15.5	8	10-15	SW	4.2	YELLOW GREEN	4.1	4.6
211	24.0	3	0- 5	SW	4.4	YELLOW GREEN	2.1	5.1
223	21.0	6	5-10	NW	4.5	YELLOW	4.1	4.9
239	16.0	0	0- 5	SW	4.6	YELLOW	4.5	5.0
251	13.5	6	0- 5	S	4.2	YELLOW	5.6	6.1
267	10.0	0	0- 0	.	4.2	YELLOW	6.1	6.9
279	4.0	.	20-25	NE	3.4	PALE YELLOW	8.1	8.4
292	6.0	10	0- 0	.	2.8	YELLOW	14.5	13.5

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 226 S

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
139	12.0	10	0- 5	N	3.5	YELLOW GREEN	4.4	4.6
155	13.0	7	0- 5	NW	4.3	YELLOW	3.1	6.1
167	26.0	0	0- 5	S	3.9	YELLOW	2.6	6.1
184	23.0	1	0- 0		3.8	BROWN YELLOW	1.1	4.4
195	14.0	8	0- 5	SW	4.4	YELLOW GREEN	4.1	5.4
211	25.0	3	0- 5	SW	4.2	YELLOW	2.4	4.9
223	20.4	6	5-10	NW	4.0	YELLOW	4.1	5.9
239	18.0	0	0- 5	SW	4.9	DARK YELLOW	5.1	6.4
251	13.5	6	0- 5	S	4.2	YELLOW	5.1	6.4
267	10.0	0	0- 0		4.8	YELLOW	6.1	6.6
279	3.0	10	20-25	NE	3.2	YELLOW	8.6	8.6
292	6.0	10	0- 0		2.8	YELLOW	11.3	11.3

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 227

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
125	21.0	2	15-20	S	5.0	YELLOW	2.1	2.9
139	11.0	10	5-10		.9	TURBID YELLOW	2.4	3.1
146	14.0	10	0- 5		.8	TURBID	1.1	3.9
153	18.0	2	10-15	S	1.1	YELLOW GREEN	1.4	1.6
167	27.0	0	0- 0		.5	BROWN	1.1	1.9
181	21.5	2	0- 5	NW	.6	YELLOW GREEN	1.9	2.6
195	17.0	7	10-15	SE	.3	TURBID YELLOW	1.5	2.9
209	24.0	0	0- 0		.4	TURBID BROWN	1.1	3.4
223	25.0	8	0- 5	E	.5	YELLOW GREEN	1.6	1.9
237	.	0	0- 5		.6	YELLOW GREEN	2.6	3.1
251	19.0	0	0- 5	S	.7	TURBID	2.1	3.1
264	15.0	0	0- 5	E	.8	TURBID	3.1	3.4
279	2.5	9	20-25	NE	.7	YELLOW GREEN	5.1	5.1
300	4.0	10	5-10	N	.7	TURBID	10.1	10.1

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 239

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
127	18.0	5	0- 5		3.8	YELLOW GREEN	30.0	5.5
138	12.0	5	0- 5	E	3.8	YELLOW	7.1	8.1
155	12.0	9	0- 5	N	4.2	DARK YELLOW	4.9	4.9
166	24.0	5	0- 5	SW	4.7	YELLOW	3.4	5.9
183	18.0	6	0- 5	N	5.2	YELLOW	5.1	5.6
194	.	1	10-15	SW	6.0	DARK YELLOW	5.1	5.4
211	24.0	1	0- 5	SE	6.1	YELLOW	2.9	7.1
222	20.0	1	0- 5	SE	5.6	YELLOW	5.6	6.9
239	19.0	0	0- 0		5.4	YELLOW	7.1	7.6
250	15.0	9	10-15	N	4.3	YELLOW	7.6	8.6
264	13.0	1	0- 5	NE	4.8	YELLOW BROWN	8.4	8.6
278	7.0	10	30-35	N	4.2	YELLOW	11.6	12.1
301	4.5	10	5-10	S	4.6	YELLOW BROWN	29.3	19.5

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 240

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
127	10.0	9	0- 5	S	3.0	YELLOW	13.0	6.5
141	5.0	10	20-25	NE	4.2	YELLOW	9.1	9.6
155	17.0	9	10-15	N	4.3	DARK YELLOW	4.5	5.4
169	22.0	8	0- 5	SE	4.6	YELLOW	3.4	3.9
183	19.0	10	0- 5	N	5.0	PALE YELLOW	5.4	6.1
211	27.0	3	0- 5	E	5.7	YELLOW GREEN	3.1	6.9
225	16.0	1	0- 5	S	5.1	YELLOW GREEN	6.6	6.9
239	17.0	0	0- 0		4.1	PALE YELLOW	7.6	8.1
253	14.0	10	0- 0		4.7	GREEN YELLOW	9.1	9.1
264	15.0	1	0- 5	NE	4.0	YELLOW	9.4	10.1
279	5.0	10	25-30	N	3.6	YELLOW	13.0	7.5
299	6.0	10	15-20	N	3.0	YELLOW	13.0	.5

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 260

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
134	14.0	2	0- 5	N	4.5	YELLOW GREEN	7.6	8.1
144	13.0	10	0- 5	N	3.2	YELLOW	3.1	10.4
173	27.0	3	5-10	SW	4.4	YELLOW	3.1	3.9
188	20.0	6	10-15	SW	5.6	YELLOW GREEN	4.1	5.6
201	17.0	10	0- 5	SW	5.4	YELLOW GREEN	5.9	6.1
229	15.0	10	5-10	NE	5.8	YELLOW GREEN	6.1	6.9
246	15.0	2	20-25	SE	4.6	YELLOW	8.1	8.1
257	12.0	0	5-10	S	5.0	YELLOW	8.1	9.6
274	12.0	5	5-10	N	4.4	YELLOW GREEN	9.1	10.4
285	7.5	3	0- 5	S	4.8	YELLOW GREEN	14.3	14.1
292	4.0	9	0- 5	SW	4.6	YELLOW GREEN	14.1	14.1

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 302 N

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
125	16.0	4	10-15	S	4.8	PALE YELLOW	5.1	5.4
139	10.0	10	0- 0		3.2	YELLOW	5.1	5.9
153	17.0	2	10-15	SE	2.4	YELLOW	2.1	2.4
167	27.0	0	0- 0		2.0	PALE GREEN	2.1	3.1
181	19.0	3	0- 5	NW	2.4	PALE GREEN	3.4	3.4
195	17.0	7	5-10	SW	3.8	PALE GREEN	4.1	4.6
209	25.0	0	0- 5	SW	3.2	PALE GREEN	3.1	5.1
223	21.0	6	10-15	SW	3.4	PALE	4.4	5.4
237	.	8	0- 5	SW			5.6	6.1
251	16.0	1	5-10	SE	3.2	YELLOW	6.1	6.6
265	16.0	0	0- 5	NW	3.2	PALE YELLOW	7.1	7.4
279	4.0	10	25-30	NW	3.0	YELLOW	10.4	10.4
299	6.5	10	5-10	N	4.0	YELLOW GREEN	13.1	13.1

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 302 S

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
125	16.0	4	15-20	S	5.0	PALE	YELLOW	7.1
139	11.0	10	0- 5	SE	3.0	PALE	GREEN	6.1
153	19.0	2	10-15	SE	3.9	PALE		3.1
167	29.0	0	0- 5	SW	6.3	PALE		9.9
181	21.0	2	0- 0		6.7	PALE	BLUE	5.4
195	18.0	7	10-15	SW	4.7	YELLOW	GREEN	6.6
223	23.0	5	15-20	SW	4.6	PALE	YELLOW	6.1
237	.	7	0- 5	SW	4.6	PALE	YELLOW	7.6
240	28.0	0	0- 5	NW	6.4	YELLOW	GREEN	6.1
251	16.0	1	5-10	SE	4.2	YELLOW		7.9
265	14.0	0	0- 0		4.0	YELLOW		8.6
279	4.0	10	25-30	N	3.6	YELLOW		9.1
299	7.0	10	0- 5	N	3.8	YELLOW	BROWN	10.0

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 305

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 373

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
126	15.0	1	5-10	N	6.6	PALE	GREEN	7.1
159	12.0	9	0- 5	NW	7.0	PALE		5.1
176	22.0	5	10-15	NW	9.4	PALE		4.1
187	25.0	2	0- 0		9.5	YELLOW	GREEN	5.1
204	23.0	8	5-10	NW	9.5	PALE	GREEN	7.1
216	23.0	4	0- 5	SW	8.6	PALE	GREEN	4.6
231	15.0	5	5-10	SW		PALE	GREEN	7.6
243	10.0	1	5-10	NW	8.6	PALE	GREEN	8.1
260	18.0	10	5-10	E	8.4	PALE	GREEN	9.1
272	14.0	9	15-20	E	7.0	GREEN		10.1
294	2.0	2	0- 0		5.2	YELLOW		17.5

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 374

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
148	19.0	7	10-15	SW	5.5	PALE	GREEN	3.5
159	10.0	8	5-10	NE	6.2	PALE	YELLOW	7.6
177	.	6	15-20	NW	6.8	PALE	YELLOW	4.9
187	26.0	2	0- 0		7.4	PALE	GREEN	5.1
204	21.0	5	0- 5	NW	8.2	GREEN	YELLOW	8.6
215	22.5	1	20-25	NW	8.6	TURQ	GREEN	6.1
229	18.5	7	0- 5	W	9.5	PALE	YELLOW	8.9
243	12.0	3	25-30	N	7.8	PALE	GREEN	11.1
261	15.0	10	10-15	S	8.3	PALE	GREEN	11.1
271	13.0	9	20-25	NE	7.5	GREEN		11.6
293	1.0	10	15-20	W	6.8	YELLOW	GREEN	20.5

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 375

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
131	12.0	7	5-10		6.3	PALE GREEN	4.4	4.4
176	21.5	6	10-15	SW	7.8	YELLOW BROWN	3.6	3.6
187	21.0	10	0- 5	S	7.0	GREEN	4.1	8.4
204	21.0	6	0- 5	NW	7.2	TURQ GREEN	5.4	5.6
216	24.0	2	10-15	SW	7.5	GREEN YELLOW	3.1	6.4
231	19.0	5	10-15	SW	7.4	YELLOW	6.5	8.6
243	13.0	4	0- 5	NW	7.3	YELLOW GREEN	7.1	7.4
260	18.0	10	0- 5	N	5.8	GREEN	7.1	7.9
271	13.0	10	10-15	NE	6.8	GREEN	8.1	8.9
294	-2.0	7	0- 0		6.6	YELLOW GREEN	24.0	12.5

PHYSICAL MEASUREMENTS AND WEATHER OBSERVATIONS

LAKE# 382

DAY#	AIR TEMP C	CLOUD COVER N/10	WIND SPEED KMPH	WIND DIR	SECCHI DEPTH M	WATER COLOR	EPI DEPTH M	PLANAR THERMOCLINE M
132	12.0	6	20-25	SW	3.5	YELLOW	6.1	6.1
146	14.0	10	0- 5	SE	5.0	YELLOW	3.4	12.1
160	22.0	0	0- 5	NW	4.2	YELLOW BROWN	4.1	4.1
174	26.0	6	10-15	S	5.2	YELLOW GREEN	3.1	3.4
188	24.0	7	5-10	SW	4.5	DARK YELLOW	3.1	5.6
230	18.0	5	5-10	SW	4.8	YELLOW	5.9	6.4
244	14.0	4	10-15	NE	4.5	PALE GREEN	7.1	7.1
258	15.0	0	0- 5	S	5.8	PALE GREEN	7.1	8.6
272	12.0	4	10-15	N			8.1	8.6
286	7.0	10	30-35	N	3.5	YELLOW	12.0	7.5
300	4.0	10	20-30	NW	3.0	YELLOW	12.0	.5

Appendix 2. Temperature profiles for 1987

Lake #109	MAY 11 DAY# 131	MAY 25 DAY# 145	JUN 8 DAY# 159	JUN 26 DAY# 177	JUL 6 DAY# 187	JUL 23 DAY# 204	AUG 3 DAY# 215	AUG 17 DAY# 229	SEP 0 DAY# 243	SEP 28 DAY# 271	OCT 20 DAY# 295
DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)
0.00 13.4	0.00 13.9	0.00 17.6	0.00 21.5	0.00 21.5	0.00 21.5	0.00 23.6	0.00 23.6	0.00 21.8	0.00 18.9	0.00 17.0	0.00 15.5
1.00 13.4	1.00 13.7	1.00 17.6	1.00 21.7	1.00 21.5	1.00 21.5	1.00 23.6	1.00 23.6	1.00 21.8	1.00 18.9	1.00 17.0	1.00 15.5
2.00 13.3	2.00 13.3	2.00 17.6	2.00 21.8	2.00 21.5	2.00 21.3	2.00 23.5	2.00 23.5	2.00 21.7	2.00 18.8	2.00 17.0	2.00 15.5
3.00 13.2	3.00 13.1	3.00 17.5	3.00 21.8	3.00 21.5	3.00 21.0	3.00 23.5	3.00 23.5	3.00 21.6	3.00 18.8	3.00 17.0	3.00 15.5
4.00 13.0	4.00 12.7	4.00 17.2	4.00 21.6	4.00 21.0	4.00 20.6	4.00 23.4	4.00 23.4	4.00 21.6	4.00 18.8	4.00 17.0	4.00 15.5
4.25 12.6	5.00 12.4	4.25 17.0	4.25 21.1	5.00 20.1	5.00 20.4	4.25 23.0	5.00 23.0	5.00 21.6	5.00 18.8	5.00 17.0	5.00 15.5
4.50 12.6	6.00 12.2	4.50 16.5	4.50 19.9	5.25 19.5	6.00 19.7	4.50 22.5	6.00 22.5	6.00 21.5	6.00 18.7	6.00 16.9	6.00 15.5
4.75 12.2	7.00 11.7	4.75 16.0	4.75 19.2	5.50 19.2	6.25 19.1	4.75 22.1	6.25 22.1	6.25 21.4	7.00 18.7	7.00 16.8	8.00 15.5
5.00 11.9	7.25 10.9	5.00 15.4	5.00 18.5	5.75 18.1	6.50 18.9	5.00 21.8	6.50 21.4	8.00 18.4	8.00 16.7	9.00 15.5	8.00 7.8
5.25 11.5	7.50 10.5	5.25 14.8	5.25 17.9	6.00 17.0	6.75 18.0	5.25 21.3	6.75 20.9	8.25 17.1	9.00 16.1	9.50 15.4	9.50 8.3
5.50 11.2	7.75 9.0	5.50 14.3	5.50 17.3	6.25 16.4	7.00 17.3	5.50 21.0	7.00 19.9	8.50 16.3	9.25 15.4	9.50 15.4	9.50 8.3
5.75 10.8	8.00 8.7	5.75 14.1	5.75 16.7	6.50 15.9	7.25 16.6	5.75 20.8	7.25 19.4	8.75 15.3	9.50 14.7	9.75 14.7	9.75 12.8
6.00 10.6	8.25 8.0	6.00 13.7	6.00 16.3	6.75 15.5	7.50 15.5	6.00 20.5	7.50 18.6	9.00 14.4	9.75 14.0	10.00 12.8	
6.25 10.2	8.50 7.9	6.25 13.5	6.25 15.7	7.00 14.7	7.75 14.6	6.25 20.2	7.75 17.6	9.25 14.0			
6.50 9.0	8.75 7.8	6.50 12.1	6.50 15.2	7.25 14.3	8.00 14.1	6.50 19.7	8.00 16.8	9.50 13.1			
6.75 8.4	9.00 7.6	6.75 12.9	6.75 14.4	7.50 13.8	8.25 13.8	6.75 19.1	8.25 16.2	9.75 12.9			
7.00 8.1	9.25 7.3	7.00 12.6	7.00 14.0	7.75 13.2	8.50 13.5	7.00 18.6	8.50 15.6				
8.00 7.4		7.25 11.5	7.25 13.4	8.00 12.7	8.75 13.0	7.25 17.7	8.75 14.4				
7.00 7.1		7.50 11.3	7.50 13.1	8.25 12.5	9.00 12.6	7.50 16.6	9.00 14.1				
9.75 6.8		7.75 11.0	7.75 12.9	8.50 12.0	9.25 11.5	7.75 16.0	9.25 13.3				
8.00 7.4		8.00 10.7	8.00 12.5	8.75 12.0	9.50 11.4	8.00 15.0	9.50 12.8				
8.25 10.4		8.25 10.4	8.25 12.1	9.00 11.8	9.75 11.2	8.25 14.4	9.75 12.4				
8.50 10.3		8.50 11.8	9.75 11.1			8.50 14.1	9.80 12.4				
8.75 9.9		8.75 11.5				8.75 13.7					
9.00 9.3		9.00 11.1				9.00 13.2					
9.25 8.9		9.25 10.2				9.25 12.2					
9.50 8.9		9.50 10.2				9.50 12.1					
						10.00 11.8					
						9.75 11.9					

LAKE# 110 TEMPERATURE PROFILES FOR 1957

MAY 11 DAY# 131	MAY 25 DAY# 145	JUN 26 DAY# 177	JUL 6 DAY# 187	JUL 24 DAY# 205	AUG 17 DAY# 229	SEP 1 DAY# 245	SEP 18 DAY# 261	SEP 28 DAY# 271	OCT 20 DAY# 295
DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)
0.00 14.5	0.00 14.1	0.00 21.8	0.00 21.9	0.00 21.2	0.00 21.3	0.00 17.7	0.00 16.3	0.00 15.1	0.00 6.8
1.00 14.5	1.00 14.2	1.00 21.8	1.00 21.8	1.00 21.1	1.00 21.4	1.00 17.8	1.00 16.4	1.00 15.1	1.00 6.8
2.00 14.5	2.00 13.7	2.00 21.9	2.00 21.7	2.00 21.0	2.00 21.4	2.00 17.8	2.00 16.5	2.00 15.1	2.00 6.8
3.00 14.5	3.00 13.0	3.00 21.9	3.00 21.1	3.00 20.7	3.00 21.3	3.00 17.9	3.00 16.5	3.00 15.0	3.00 6.8
3.25 14.4	4.00 13.4	3.25 21.8	4.00 19.9	4.00 20.1	4.00 21.3	4.00 18.0	4.00 16.5	4.00 15.0	4.00 6.8
5.00 11.6	5.00 11.6	3.50 21.9	4.25 19.4	4.25 19.7	5.00 20.6	5.00 18.0	5.00 16.5	5.00 14.9	5.00 6.8
5.25 11.0	5.25 11.0	3.75 20.4	4.50 17.9	4.50 19.5	5.25 19.7	6.00 17.8	6.25 15.7	6.00 14.9	6.00 6.8
5.50 10.4	5.50 10.4	4.00 18.8	4.75 16.0	4.75 18.3	5.50 18.1	6.25 17.1	6.50 15.4	7.00 14.5	7.00 6.8
4.00 13.1	4.25 11.9	4.25 11.9	4.25 17.7	5.00 15.3	5.00 18.1	5.75 16.8	6.50 14.6	7.25 14.0	8.00 6.8
4.50 11.1	6.00 8.2	4.50 16.7	5.25 14.3	5.25 16.5	6.00 15.8	6.75 13.2	7.00 14.0	7.50 12.8	9.00 6.6
4.75 9.9	6.25 7.6	4.75 15.5	5.50 13.4	5.50 15.3	6.25 14.7	7.00 12.1	7.25 12.5	7.75 12.0	10.00 6.5
5.00 9.1	6.50 7.5	5.00 14.7	5.75 12.3	5.75 14.2	6.50 13.4	7.25 11.6	7.50 12.0	8.00 11.0	11.00 6.4
5.25 8.2	6.75 7.2	5.25 13.7	6.00 11.7	6.00 13.2	6.75 12.2	7.50 10.9	7.75 11.0	8.25 10.5	12.00 6.4
5.50 7.8	7.00 6.9	5.50 12.8	6.25 10.9	6.25 12.4	7.00 11.3	7.75 10.4	8.00 10.4	8.50 10.0	12.25 6.3
5.75 7.6	8.00 6.0	5.75 12.0	6.50 10.3	6.50 11.5	7.25 10.7	8.00 9.8	8.25 9.7	8.75 9.5	
6.00 7.0	9.00 5.6	6.00 11.1	6.75 9.5	6.75 10.7	7.50 10.1	8.25 9.4	8.50 8.2	8.75 8.2	8.8
7.00 6.7	10.00 5.3	6.25 10.6	7.00 8.9	7.00 10.0	7.75 9.6	8.50 8.7	8.75 8.2	9.00 8.2	
8.00 6.1	11.00 5.1	6.50 10.1	7.25 8.4	7.25 9.4	8.00 9.1	8.75 8.3	9.00 8.2	9.50 7.9	
9.00 5.6	12.00 5.1	6.75 9.6	7.50 8.1	7.50 8.9	8.25 8.6	9.00 7.9	9.25 7.8	9.75 7.5	
10.00 5.5	12.25 5.1	7.00 9.0	7.75 7.7	7.75 8.5	8.50 8.3	9.25 7.1	9.50 7.5	10.00 7.1	
11.00 5.3	12.00 5.2	7.25 8.3	8.00 7.5	8.00 8.2	8.75 7.9	9.50 7.0	9.75 7.3	11.00 6.2	
7.50 8.0	8.25 7.1	7.50 8.4	8.25 7.7	8.25 8.4	9.00 7.7	9.75 6.8	10.00 7.0	12.00 6.1	
7.75 7.6	8.50 6.8	7.50 8.1	8.50 7.4	8.50 8.0	9.25 7.0	10.00 6.4	11.00 6.1	12.00 6.2	
9.00 7.3	9.75 6.7	8.75 7.0	9.50 6.7	9.50 7.3	10.00 6.6	11.00 6.1	12.00 5.9	16.00 16.0	
10.00 5.7	10.00 5.9	10.00 6.8	11.00 5.6	11.00 5.8	11.00 5.9	11.00 5.9	11.00 5.9	11.00 5.9	
11.00 5.4	12.00 5.4	12.00 5.4	12.00 5.6	12.00 5.8	12.00 5.8	12.00 5.8	12.00 5.8	12.00 5.8	
12.00 5.4	12.25 5.3	12.50 5.4	12.25 5.3	12.30 5.6	12.70 5.7				

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MAY 18		MAY 25		JUN 11		JUN 18		JUL 7		JUL 22		AUG 6		AUG 17		STEP 1		STEP 17		STEP 29	
DAY#	138	DAY#	145	DAY#	162	DAY#	176	DAY#	188	DAY#	203	DAY#	218	DAY#	229	DAY#	244	DAY#	260	DAY#	272
DEPTH	TEMP	(M)	(C)	DEPTH	TEMP	(M)	(C)	DEPTH	TEMP	(M)	(C)	DEPTH	TEMP	(M)	(C)	DEPTH	TEMP	(M)	(C)	DEPTH	TEMP
0.00	14.8	0.00	13.8	0.00	18.5	0.00	25.1	0.00	24.0	0.00	21.4	0.00	22.1	0.00	16.9	0.00	17.0	0.00	14.0		
1.00	14.8	1.00	13.0	1.00	18.5	1.00	23.2	1.00	23.1	1.00	21.4	1.00	22.1	1.00	17.1	1.00	16.9	1.00	14.0		
2.00	14.8	2.00	12.2	2.00	18.5	2.00	22.7	1.25	22.5	1.25	21.3	2.00	22.1	2.00	17.1	2.00	16.7	2.00	14.0		
3.00	14.5	3.00	11.6	2.25	18.2	2.25	22.0	1.50	22.3	1.50	21.2	2.25	22.1	3.00	20.3	3.00	17.1	3.00	15.8		
3.25	14.3	4.00	10.8	2.50	17.8	2.50	20.4	1.75	22.2	1.75	20.9	2.50	21.4	3.25	19.7	4.00	17.0	3.25	15.6		
3.50	14.2	5.00	10.0	2.75	17.0	2.75	18.4	2.00	21.4	2.00	20.6	2.75	20.1	3.50	19.1	4.25	16.3	3.50	15.5		
3.75	13.9	5.00	15.4	3.00	17.1	2.25	20.8	2.25	20.1	3.00	19.4	3.75	17.8	4.50	15.6	3.75	15.4	5.00	13.7		
4.00	11.2	3.25	14.0	3.25	15.9	2.50	20.0	2.50	19.8	3.25	18.4	4.00	16.8	4.75	14.0	4.00	15.4				
4.25	9.9	3.50	13.4	3.50	14.8	2.75	19.4	2.75	19.6	3.50	16.2	4.25	15.9	5.00	12.9	4.25	15.0				
4.50	9.2	3.75	12.7	3.75	15.9	3.00	18.7	3.00	19.3	3.75	14.6	4.50	14.4	5.25	12.6	4.50	14.8				
4.75	8.4	4.00	12.2	4.00	13.0	3.25	17.8	3.25	17.2	4.00	13.8	4.75	13.2	5.50	12.3	4.75	14.6				
5.00	7.8	4.25	11.4	4.25	12.2	3.50	16.2	3.50	15.7	4.25	12.6	5.00	12.5	5.60	11.9	5.00	14.5				
		4.50	11.2	4.50	11.8	3.75	14.0	3.75	15.1	4.50	11.8	5.25	12.0			5.25	13.5				
		4.75	10.9	4.75	11.3	4.00	13.2	4.00	14.8	4.75	11.2	5.50	11.9			5.50	13.0				
		5.00	10.7	5.00	10.6	4.25	12.4	4.25	13.8	5.00	10.5	5.75	11.8			5.75	11.9				
		5.90	9.4	5.50	10.1	4.50	11.9	4.50	13.2	5.40	10.1										
						4.75	11.5					5.00	11.4			5.00	11.4				
												5.75	11.1			5.25	10.8				
																5.50	10.6				
																5.75	10.4				
																				6.00	10.1

LAKE// 223 TEMPERATURE PROFILES FOR 1987

May 4		May 18		Jun 1		Jun 15		Jun 29		Jul 13		Jul 27		Aug 10		Aug 24		Sep 7		Sep 25		Oct 5		Oct 28			
DAY#	124	DAY#	138	DAY#	152	DAY#	166	DAY#	180	DAY#	194	DAY#	208	DAY#	222	DAY#	236	DAY#	250	DAY#	266	DAY#	278	DAY#	301		
DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP		
(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)		
0.00	11.3	0.00	13.2	0.00	19.1	0.00	19.7	0.00	20.7	0.00	20.3	0.00	22.0	0.00	22.5	0.00	19.5	0.00	18.2	0.00	16.4	0.00	13.5	0.00	6.2		
1.00	11.3	1.00	13.3	2.00	19.0	1.00	19.7	2.00	20.8	2.00	20.4	1.00	22.0	1.00	22.4	1.00	19.5	1.00	18.2	1.00	16.5	1.00	13.5	1.00	6.1		
2.00	11.2	2.00	13.3	3.00	13.4	2.25	18.9	3.00	19.6	3.00	20.8	2.00	22.0	2.00	22.4	2.00	19.5	2.00	18.2	2.00	16.5	2.00	13.5	2.00	6.1		
4.00	11.1	4.00	13.4	5.00	13.4	2.75	18.4	5.00	18.2	5.00	20.8	4.00	20.8	4.00	21.8	4.00	22.3	4.00	19.6	4.00	18.2	4.00	16.5	4.00	13.5	4.00	6.0
5.00	10.9	6.00	13.3	3.00	16.8	5.25	18.0	6.00	19.8	6.00	20.4	5.00	20.5	5.00	21.5	5.00	22.3	5.00	19.6	5.00	18.2	5.00	16.5	5.00	13.5	5.00	6.0
6.00	10.9	7.00	12.8	3.25	16.0	5.25	17.7	6.25	18.2	6.25	20.2	6.25	20.4	7.00	22.1	7.00	19.6	7.00	18.0	7.00	16.5	6.00	13.4	6.00	6.0		
8.00	9.0	7.25	12.4	3.50	15.7	5.75	17.4	6.50	19.6	6.50	19.4	7.25	19.7	7.25	22.0	8.00	19.6	8.00	18.0	8.00	16.5	8.00	13.4	8.00	6.0		
9.00	8.4	7.50	11.8	3.75	15.5	6.00	17.1	6.75	16.9	6.75	19.5	7.50	19.2	7.50	21.1	9.00	18.8	9.00	17.9	9.00	16.3	9.00	13.4	9.00	6.0		
10.00	7.7	7.75	11.3	4.00	15.2	6.25	16.7	7.00	16.5	7.00	18.8	7.75	18.7	7.75	20.2	9.25	16.8	10.00	17.0	10.00	16.2	10.00	13.5	10.00	6.0		
11.00	7.0	8.00	10.6	5.00	14.1	6.50	16.0	7.25	15.8	7.25	18.3	8.00	18.1	8.00	19.3	9.50	15.7	10.25	16.3	10.25	15.8	11.00	13.3	11.00	6.0		
12.00	7.0	8.25	9.7	6.00	15.7	6.75	15.5	7.50	15.6	7.50	17.5	8.25	17.4	8.25	18.4	9.75	14.9	10.50	15.1	10.50	15.8	12.00	13.3	12.00	6.0		
13.00	6.8	8.50	9.6	7.00	12.9	7.00	14.8	7.75	15.3	7.75	16.6	8.50	16.7	8.50	17.7	10.00	14.3	10.75	13.6	10.75	15.2	13.00	13.3	13.00	5.9		
14.00	6.7	8.75	8.8	8.00	12.0	7.25	14.2	8.00	14.8	8.00	15.9	8.75	16.0	8.75	16.9	10.25	15.6	11.00	12.7	11.00	14.2	14.00	12.6	14.00	5.9		
14.25	6.7	9.00	8.6	8.25	11.6	8.25	11.5	7.50	14.1	8.25	14.2	8.25	15.5	9.00	15.3	9.00	16.2	10.25	15.0	11.25	11.5	11.25	12.7	14.25	11.2	7.1	
15.00	7.0	8.00	9.7	6.00	15.7	6.75	15.5	7.50	15.6	7.50	17.5	8.25	17.4	8.25	18.4	9.75	14.9	10.50	15.1	10.50	15.8	11.50	13.3	11.50	6.0		
16.00	8.2	8.25	9.7	7.00	12.9	7.00	14.8	7.75	15.3	7.75	16.6	8.50	16.7	8.50	17.7	10.00	14.3	10.75	13.6	10.75	15.2	13.00	13.3	13.00	5.9		
17.00	7.4	8.75	8.00	13.7	9.00	12.6	8.25	13.0	9.00	12.7	9.00	14.0	9.00	15.3	9.75	14.5	11.25	11.2	12.00	10.7	12.00	10.7	13.00	9.2	14.00	9.0	
18.00	7.2	9.00	10.6	8.00	12.0	7.25	14.2	8.00	14.8	8.00	15.9	8.75	16.0	8.75	16.9	10.00	14.0	11.50	10.7	13.00	9.3	12.25	10.2	14.00	9.0		
19.00	7.1	9.25	10.2	8.50	12.7	9.25	11.8	9.50	12.0	9.50	12.9	10.25	12.1	10.25	13.2	11.25	11.75	10.4	14.00	8.9	12.50	9.7	12.75	9.4			
20.00	7.1	9.50	9.8	8.75	12.5	9.50	12.3	9.75	13.9	9.75	15.2	10.25	12.5	10.25	15.6	11.50	10.8	11.50	10.8	11.50	11.3	12.50	9.7	12.75	9.4		
21.00	7.4	8.75	9.3	8.00	11.8	9.00	11.8	9.75	11.7	9.75	12.5	10.50	11.7	10.50	12.6	11.75	11.7	11.75	10.3	11.75	11.0	13.00	9.2	14.00	9.0		
22.00	7.2	9.00	10.6	8.25	11.2	9.25	10.9	10.25	11.0	10.25	11.8	11.00	10.8	11.00	11.4	10.75	12.0	11.00	11.5	14.00	9.0	11.25	10.9	14.25	8.8		
23.00	8.3	8.75	9.7	10.00	8.9	9.25	11.2	10.00	11.4	10.00	12.1	10.75	11.4	10.75	12.0	9.3	12.00	9.3	12.00	10.7	13.00	9.2	14.00	9.0			
24.00	8.3	8.75	9.7	10.00	8.9	9.25	11.2	10.00	11.4	10.00	12.1	10.75	11.4	10.75	12.0	9.3	12.00	9.3	12.00	10.7	13.00	9.2	14.00	9.0			
25.00	8.2	8.75	9.7	10.00	8.9	9.25	10.5	10.50	10.6	10.50	11.4	11.25	9.9	11.25	10.9	11.50	9.7	11.50	10.7	12.00	10.0	13.00	9.4	14.00	9.0		
26.00	8.2	8.75	9.7	10.00	8.9	9.25	10.5	10.50	10.6	10.50	11.4	11.25	9.9	11.25	10.9	11.50	9.7	11.50	10.7	12.00	10.0	13.00	9.4	14.00	9.0		
27.00	8.2	8.75	9.7	10.00	8.9	9.25	10.5	10.50	10.6	10.50	11.4	11.25	9.9	11.25	10.9	11.50	9.7	11.50	10.7	12.00	10.0	13.00	9.4	14.00	9.0		
28.00	8.2	8.75	9.7	10.00	8.9	9.25	10.5	10.50	10.6	10.50	11.4	11.25	9.9	11.25	10.9	11.50	9.7	11.50	10.7	12.00	10.0	13.00	9.4	14.00	9.0		
29.00	8.2	8.75	9.7	10.00	8.9	9.25	10.5	10.50	10.6	10.50	11.4	11.25	9.9	11.25	10.9	11.50	9.7	11.50	10.7	12.00	10.0	13.00	9.4	14.00	9.0		
30.00	8.2	8.75	9.7	10.00	8.9	9.25	10.5	10.50	10.6	10.50	11.4	11.25	9.9	11.25	10.9	11.50	9.7	11.50	10.7	12.00	10.0	13.00	9.4	14.00	9.0		
31.00	8.2	8.75	9.7	10.00	8.9	9.25	10.5	10.50	10.6	10.50	11.4	11.25	9.9	11.25	10.9	11.50	9.7	11.50	10.7	12.00	10.0	13.00	9.4	14.00	9.0		

LAKE# 224 TEMPERATURE PROFILE FOR 1987

MAY 4 DAY# 124	MAY 18 DAY# 138			JUN 1 DAY# 152			JUN 15 DAY# 166			JUN 29 DAY# 180			JUL 13 DAY# 194			AUG 10 DAY# 222			AUG 24 DAY# 236			SEP 7 DAY# 250			SEP 21 DAY# 264			OCT 5 DAY# 278			OCT 28 DAY# 301		
	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)			
0.00	10.7	0.00	13.2	0.00	19.5	0.00	20.1	0.00	20.5	0.00	20.2	0.00	20.2	1.00	20.5	1.00	21.8	0.00	19.3	0.00	18.2	0.00	16.4	0.00	13.3	0.00	6.6						
1.00	10.9	1.00	13.2	1.00	19.2	1.00	20.1	1.00	20.5	2.00	20.2	2.00	20.2	2.00	21.7	2.00	21.8	1.00	19.4	1.00	18.2	1.00	16.5	1.00	13.4	1.00	6.8						
2.00	10.8	2.00	13.2	2.00	19.1	2.00	19.9	2.00	20.5	3.00	20.3	3.00	21.6	3.00	21.6	3.00	21.8	2.00	19.5	2.00	18.2	2.00	16.5	2.00	13.4	2.00	6.8						
3.00	10.7	3.00	13.2	3.00	19.0	3.00	19.4	3.00	20.5	4.00	20.3	4.00	21.5	4.00	21.8	4.00	21.8	3.00	19.5	3.00	18.2	3.00	16.5	3.00	13.4	3.00	6.8						
4.00	10.7	4.00	13.2	4.00	19.0	4.00	19.0	5.00	18.1	5.00	18.1	5.00	18.5	5.00	19.3	5.00	19.5	4.00	19.5	4.00	18.2	4.00	16.5	4.00	13.4	4.00	6.8						
5.00	10.7	5.00	13.2	5.00	16.6	5.00	17.8	5.25	20.4	6.00	20.3	6.00	21.0	6.00	21.8	6.00	21.8	5.00	19.5	5.00	18.2	5.00	16.4	5.00	13.4	5.00	6.8						
6.00	10.5	6.00	13.1	6.00	16.6	6.00	17.6	5.40	17.6	6.50	20.1	7.00	20.5	7.00	21.8	7.00	21.8	6.00	19.5	6.00	18.1	6.00	16.4	6.00	13.4	6.00	6.8						
7.00	9.4	6.25	13.1	3.50	15.7	5.50	17.6	5.75	17.1	5.40	24.0	6.75	19.5	7.25	19.9	7.25	21.6	9.00	19.5	9.00	18.1	9.00	16.4	9.00	13.4	9.00	6.8						
7.25	9.0	6.50	13.1	3.50	15.6	5.75	17.1	5.00	16.6	5.50	15.0	6.00	16.6	7.00	18.9	7.50	19.7	7.50	21.5	9.00	19.4	9.00	16.4	9.00	13.4	9.00	6.8						
7.50	9.1	6.75	13.1	3.75	15.1	3.75	15.0	7.25	17.1	5.00	18.1	5.00	18.1	5.00	18.1	5.00	18.1	7.00	19.5	7.00	18.1	7.00	16.4	7.00	13.4	7.00	6.8						
7.75	8.9	7.00	11.4	4.00	14.7	6.25	16.5	5.75	19.6	7.25	17.9	7.25	19.4	7.25	21.3	9.25	19.2	10.00	17.8	10.00	16.4	10.00	13.4	10.00	10.0	10.00	6.8						
8.00	8.6	7.25	11.1	5.00	14.1	6.50	15.9	6.00	19.0	7.50	17.7	8.00	18.9	8.00	20.2	9.50	18.2	10.25	17.0	11.00	16.2	11.00	13.4	11.00	11.00	11.00	6.8						
8.25	7.9	7.50	10.5	6.00	13.4	6.75	15.6	6.25	18.2	7.75	17.5	8.25	18.2	8.25	19.5	9.75	17.2	10.50	16.5	11.25	15.7	12.00	13.4	12.00	12.00	12.00	6.8						
8.50	7.9	7.75	10.4	7.00	12.9	7.00	12.9	6.50	17.8	8.00	17.0	8.50	17.3	8.50	18.7	10.00	15.9	10.75	15.5	11.50	14.8	13.00	13.4	13.00	13.00	13.00	6.8						
8.75	7.6	8.00	9.9	8.00	12.2	7.25	14.7	6.75	17.6	8.25	16.0	8.75	16.4	8.75	18.0	10.25	15.2	11.00	14.7	11.75	13.6	13.25	12.5	14.00	14.00	14.00	6.8						
9.00	7.4	8.25	9.7	8.35	11.9	7.50	14.1	7.00	17.2	8.50	15.6	9.00	15.6	9.00	17.2	10.50	14.5	11.25	13.8	12.00	12.4	13.50	12.2	15.00	15.00	15.00	6.8						
10.00	6.7	8.50	8.8	8.50	11.6	7.75	13.9	7.25	16.5	8.75	14.9	9.25	15.1	9.25	16.5	10.75	13.8	11.50	13.1	12.25	12.0	13.75	11.7	16.00	16.00	16.00	6.8						
11.00	6.1	8.75	8.6	8.75	11.0	8.00	13.3	7.50	16.2	9.00	14.4	9.50	14.5	9.50	16.0	11.00	13.4	11.75	12.6	12.50	11.4	14.00	10.4	17.00	17.00	17.00	6.7						
12.00	5.8	9.00	8.3	9.00	10.5	8.25	13.0	7.75	16.0	9.25	14.0	9.75	14.5	9.75	16.0	11.25	15.6	11.25	12.8	12.00	12.1	12.75	11.1	14.25	9.4	18.00	18.00	18.00	6.7				
13.00	5.6	10.00	7.5	9.25	9.8	8.75	12.2	8.25	14.5	9.75	13.0	10.25	13.0	10.25	14.1	11.75	11.9	12.50	10.9	13.25	10.2	14.75	8.5	20.00	20.00	20.00	6.7						
14.00	5.5	11.00	6.6	6.2	9.75	8.7	9.00	11.8	8.50	14.4	10.00	12.4	10.50	12.5	10.50	13.5	12.00	11.3	12.75	10.5	13.50	9.9	15.00	8.3	21.00	21.00	21.00	6.7					
15.00	5.4	12.00	6.2	12.00	5.8	10.00	8.2	9.25	11.1	8.75	13.9	10.25	12.0	10.75	12.0	12.25	11.8	13.00	11.0	13.00	10.2	13.75	9.6	16.00	7.2	22.00	22.00	22.00	6.7				
16.00	5.3	13.00	5.6	10.25	7.7	9.50	10.7	9.00	13.5	10.50	11.5	11.00	11.5	11.00	12.4	12.50	10.5	14.00	9.2	14.00	9.4	17.00	7.5	23.00	6.0	23.00	23.00	23.00	6.0				
17.00	5.3	14.00	5.6	10.25	7.7	9.50	12.6	8.00	15.0	9.50	13.2	10.00	13.5	10.00	13.5	11.25	12.0	12.75	10.0	15.00	8.4	18.00	7.2	24.00	24.00	24.00	5.6						
18.00	5.2	15.00	5.4	10.50	7.5	9.75	10.4	9.25	12.5	10.75	11.1	11.25	11.0	11.25	12.0	11.75	11.9	12.50	10.9	13.25	10.2	14.75	8.5	20.00	20.00	20.00	5.6						
19.00	5.2	16.00	5.4	10.75	7.4	10.00	10.1	9.50	12.3	11.00	10.6	11.50	11.5	11.50	12.0	11.75	11.8	12.75	11.0	14.00	8.8	17.00	7.3	20.00	6.1	24.00	5.9	24.00	24.00	24.00	5.6		
20.00	5.2	17.00	5.2	11.00	7.1	10.25	9.7	9.75	11.8	11.25	10.2	11.75	10.2	11.75	11.0	14.00	8.8	12.75	9.8	18.00	6.7	21.00	6.0	21.00	6.1	24.00	5.9	24.00	24.00	24.00	5.6		
21.00	5.1	18.00	5.2	12.00	6.6	10.50	9.3	10.00	11.2	11.50	9.8	12.00	9.8	12.00	10.7	12.00	10.3	12.25	9.6	13.00	9.6	19.00	6.4	22.00	5.9	22.00	6.0	25.00	5.8	25.00	25.00	25.00	5.6
22.00	5.1	19.00	5.1	13.00	6.0	10.75	8.9	10.25	10.5	11.75	9.6	12.00	9.2	12.00	9.8	12.00	9.1	12.25	10.3	16.00	7.6	19.00	6.4	21.00	6.0	21.00	6.1	25.00	5.8	25.00	25.00	25.00	5.6
23.00	5.1	20.00	5.0	14.00	5.8	11.00	8.6	10.50	10.4	12.00	9.2	12.50	8.3	12.50	9.8	12.50	8.3	12.75	9.8	18.00	6.2	19.00	5.5	23.00	5.8	23.00	5.8	25.00	5.7	25.00	25.00	25.00	5.6
24.00	5.1	21.00	5.0	15.00	5.5	12.00	7.6	10.75	9.9	13.00	8.3	13.50	7.6	13.50	8.3	13.50	7.6	13.75	8.3	19.00	6.1	20.00	5.4	24.00	5.7	24.00	5.7	25.00	5.7	25.00	25.00	25.00	5.6
25.00	4.9	22.00	5.3	16.00	5.2	13.00	7.0	11.00	9.6	14.00	7.6	14.50	6.6	14.50	7.6	14.50	6.6	14.75	7.6	20.00	6.1	21.00	5.4	24.00	5.7	24.00	5.7	25.00	5.7	25.00	25.00	25.00	5.6
25.50	4.9	23.00	5.1	17.00	5.4	14.00	6.2	12.00	8.8	15.00	7.1	15.50	6.2	15.50	7.1	15.50	6.2	15.75	7.1	21.00	5.9	22.00	5.4	24.00	5.7	24.00	5.7	25.00	5.7	25.00	25.00	25.00	5.6
26.00	4.9	24.00	5.1	18.00	5.3	15.00	5.8	13.00	8.2	16.00	6.6	16.50	5.9	16.50	6.6	16.50	5.9	16.75	6.6	22.00	5.5	23.00	5.4	24.00	5.7	24.00	5.7	25.00	5.7	25.00	25.00	25.00	5.6
26.50	4.9	25.00	5.1	19.00	5.2	16.00	5.6	14.00	7.1	17.00	6.5	17.50	5.7	17.50	6.5	17.50	5.7	17.75	6.5	22.00	5.8	23.00	5.4	24.00	5.7	24.00	5.7	25.00	5.7	25.00	25.00	25.00	5.6
27.00	4.9	26.00	5.1	20.00	5.3	17.00	5.9	15.00	7.6	18.00	6.9	18.50	6.2	18.50	6.9	18.50	6.2	18.75	6.9	22.00	6.1	23.00	5.5	24.00	5.7	24.00	5.7	25.00	5.7	25.00	25.00	25.00	5.6
27.50	4.9	27.00	5.1	21.00	5																												

LAKE# 225 TEMPERATURE PROFILES FOR 1957

MAY 18 DAY# 138	JUN 1 DAY# 152		JUN 15 DAY# 166		JUN 29 DAY# 180		JUL 15 DAY# 194		JUL 27 DAY# 208		AUG 10 DAY# 222		AUG 24 DAY# 236		AUG 26 DAY# 250		SEP 7 DAY# 266		SEP 25 DAY# 278		
	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (C)	
0.00 14.0	0.00 21.9	0.00 22.7	0.00 20.8	0.00 18.0	0.00 24.6	0.00 22.2	0.00 17.0	0.00 17.6	0.00 15.0	0.00 9.8	1.00 14.0	1.00 21.9	1.00 22.6	1.00 20.8	1.00 17.9	1.00 23.8	1.00 22.0	1.00 17.6	.50 15.0	.50 9.8	
1.00 14.0	1.00 21.9	1.00 22.6	1.00 20.8	1.00 17.9	1.00 23.8	1.00 22.0	1.00 17.0	1.00 17.6	1.00 15.0	1.00 9.8	1.75 14.0	1.25 21.8	1.90 20.2	1.50 20.4	1.60 19.0	1.50 23.6	1.50 21.9	2.00 17.7	1.60 17.6	1.00 15.0	1.00 9.8
1.50 20.1	1.50 20.1	1.50 20.1	1.50 20.1	1.50 18.9	1.75 18.9	1.75 18.9	1.75 17.6	1.75 17.6	1.50 15.0	1.50 9.8	1.75 14.0	1.75 20.1	1.75 20.1	1.75 18.9	1.75 17.6	1.75 17.6	1.50 15.0	1.50 15.0	1.50 15.0	1.50 9.8	

LAKE# 226 N TROPICAL PROFILE FOR 1987

MAY 19		JUN 4		JUN 16		JUL 3		JUL 14		JUL 30		AUG 11		SEP 8		SEP 24		OCT 6		OCT 19	
DAY#	139	DAY#	155	DAY#	167	DAY#	184	DAY#	195	DAY#	211	DAY#	223	DAY#	251	DAY#	267	DAY#	279	DAY#	292
DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP	DEPTH	TEMP
(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)	(M)	(C)
0.00	13.7	0.00	22.1	0.00	21.9	0.00	20.0	0.00	24.4	0.00	22.1	0.00	18.6	0.00	17.4	0.00	15.3	0.00	10.9	0.00	6.9
1.00	16.6	1.00	22.1	1.00	21.9	1.00	20.0	1.00	24.4	1.00	22.1	1.00	18.6	1.00	17.4	1.00	15.3	1.00	11.0	1.00	6.9
2.00	2.00	2.00	13.7	2.00	16.6	2.00	21.6	2.00	20.3	2.00	20.0	2.00	24.2	2.00	22.2	2.00	17.4	2.00	11.0	2.00	6.9
3.00	3.00	3.00	13.7	3.25	16.6	2.50	21.2	3.00	20.0	3.00	19.9	2.50	23.8	3.00	22.2	3.00	17.4	3.00	11.0	3.00	6.9
4.00	4.00	4.00	13.7	3.25	16.5	2.50	20.8	4.00	19.6	4.00	19.6	2.50	23.4	4.00	22.0	4.00	17.4	4.00	11.0	4.00	6.9
4.25	4.25	4.25	13.6	3.50	15.5	2.75	19.5	4.25	18.3	4.25	18.8	2.75	23.1	4.25	21.5	4.20	17.3	5.00	11.0	5.00	6.9
4.50	4.50	4.50	13.5	3.75	15.1	3.00	19.1	4.50	16.6	4.50	17.6	3.00	22.8	4.50	20.5	5.00	18.5	5.25	11.0	6.00	6.9
4.75	4.75	4.75	12.8	4.00	14.0	3.25	19.0	4.75	15.4	4.75	16.3	3.25	22.4	4.75	19.1	6.00	18.4	5.25	11.0	7.00	6.9
5.00	5.00	5.00	11.4	4.25	13.5	3.50	18.1	5.00	14.4	5.00	14.4	3.50	21.8	5.00	19.5	6.25	13.0	5.75	10.9	8.00	6.9
5.25	5.25	5.25	9.5	4.50	13.0	3.75	17.5	5.25	13.6	5.25	14.2	3.75	21.2	5.25	16.3	6.50	12.1	6.00	16.0	6.75	10.3
5.50	5.50	5.50	8.8	4.75	12.6	4.00	16.6	5.50	12.6	5.50	13.0	4.00	20.8	5.50	15.1	6.75	11.2	6.25	14.4	7.00	10.0
5.75	5.75	5.75	7.9	5.00	12.2	4.25	15.5	5.75	11.6	5.75	12.3	4.25	20.2	5.75	14.0	7.00	10.1	6.50	13.3	7.25	10.9
6.00	6.00	6.00	7.4	5.25	11.8	4.50	15.3	6.00	10.7	6.00	11.3	4.50	19.2	6.00	12.8	7.25	9.4	6.75	12.2	7.50	10.3
6.25	6.25	6.25	5.6	5.50	11.4	4.75	14.3	6.25	10.0	6.25	10.6	4.75	18.0	6.25	11.7	7.50	8.7	7.00	10.9	7.75	9.5
6.50	6.50	6.50	5.4	5.75	10.5	5.00	13.0	6.50	9.8	6.50	9.7	5.00	17.1	6.50	10.9	7.75	8.3	7.25	10.1	8.00	8.6
6.75	6.75	6.75	5.6	6.00	9.9	5.25	12.7	6.75	9.1	6.75	9.2	5.25	15.8	6.75	10.4	8.00	7.8	8.25	8.1	9.75	6.0
7.00	7.00	7.00	5.6	6.25	12.1	6.00	9.8	7.00	8.4	7.00	8.6	5.25	14.7	7.00	9.7	8.25	7.4	7.75	8.3	8.50	7.3
7.25	7.25	7.25	5.6	6.50	8.9	5.25	12.1	7.25	7.7	7.25	7.9	5.25	13.6	7.25	8.0	8.50	7.0	8.00	8.2	8.75	6.9
7.50	7.50	7.50	5.6	6.75	8.2	5.75	11.2	7.50	7.5	7.50	7.5	6.00	12.6	7.50	8.2	8.75	6.7	8.25	7.5	9.00	6.7
7.75	7.75	7.75	5.6	7.00	9.0	6.00	10.7	7.75	7.0	7.75	7.1	6.25	11.3	7.75	7.8	9.00	6.4	8.50	7.2	10.00	6.0
8.00	8.00	8.00	4.1	7.00	6.9	6.25	10.1	7.75	7.5	7.75	7.5	6.25	10.6	8.00	7.3	10.00	5.6	8.75	6.9	11.00	5.6
8.25	8.25	8.25	3.9	7.25	6.1	6.50	9.4	8.00	6.4	8.00	6.8	6.50	10.6	8.00	7.3	10.00	5.2	9.00	6.4	12.00	5.2
8.50	8.50	8.50	3.9	7.50	5.9	6.75	8.6	8.50	5.8	8.50	5.9	6.75	9.6	9.00	6.4	11.00	5.2	9.00	6.5	12.00	5.4
8.75	8.75	8.75	3.9	7.75	5.7	7.00	7.7	8.50	5.4	8.50	5.5	7.00	9.0	10.00	5.6	12.00	5.1	10.00	5.8	13.00	5.2
9.00	9.00	9.00	3.9	8.00	5.5	6.25	7.5	8.75	5.6	8.75	5.7	7.25	8.5	11.00	5.3	13.00	5.0	11.00	5.4	14.00	5.1
9.25	9.25	9.25	3.9	8.25	5.3	6.50	7.1	9.00	5.4	9.00	5.5	6.50	7.5	7.9	7.5	12.00	5.0	14.00	4.9	12.00	5.1
9.50	9.50	9.50	3.9	8.50	4.7	7.00	4.7	9.50	4.9	9.50	5.0	10.00	5.2	10.00	4.8	14.75	4.8	9.00	6.0	13.00	5.1
9.75	9.75	9.75	3.9	8.75	4.5	7.00	4.7	9.75	4.9	9.75	5.0	11.00	5.0	11.00	4.8	14.75	4.8	10.00	5.4	12.00	4.9
10.00	10.00	10.00	3.9	9.00	4.3	7.25	4.3	10.00	4.5	10.00	4.6	8.00	5.0	8.00	4.9	14.75	5.0	11.00	5.1	12.00	4.8
10.25	10.25	10.25	3.9	9.25	4.1	7.50	4.1	10.25	4.3	10.25	4.4	8.25	5.2	8.25	4.9	14.75	5.0	11.00	5.1	12.00	4.8
10.50	10.50	10.50	3.9	9.50	3.9	7.75	3.9	10.50	4.1	10.50	4.2	8.50	5.4	8.50	4.9	14.75	5.0	11.00	5.1	12.00	4.8
10.75	10.75	10.75	3.9	9.75	3.7	8.00	3.7	10.75	3.9	10.75	4.0	8.75	5.6	8.75	4.9	14.75	5.0	11.00	5.1	12.00	4.8
11.00	11.00	11.00	3.9	10.00	3.5	8.25	3.5	11.00	3.7	11.00	3.8	9.00	5.8	9.00	4.9	14.75	5.0	11.00	5.1	12.00	4.8
11.25	11.25	11.25	3.9	10.25	3.3	8.50	3.3	11.25	3.5	11.25	3.6	9.25	6.0	9.25	4.9	14.75	5.0	11.00	5.1	12.00	4.8
11.50	11.50	11.50	3.9	10.50	3.1	8.75	3.1	11.50	3.3	11.50	3.4	9.50	6.2	9.50	4.9	14.75	5.0	11.00	5.1	12.00	4.8
11.75	11.75	11.75	3.9	10.75	2.9	9.00	2.9	11.75	3.1	11.75	3.2	9.75	6.4	9.75	4.9	14.75	5.0	11.00	5.1	12.00	4.8
12.00	12.00	12.00	3.9	11.00	2.7	9.25	2.7	12.00	2.9	12.00	3.0	10.00	5.6	10.00	4.9	14.75	5.0	11.00	5.1	12.00	4.8
12.25	12.25	12.25	3.9	11.25	2.5	9.50	2.5	12.25	2.7	12.25	2.8	10.25	5.8	10.25	4.9	14.75	5.0	11.00	5.1	12.00	4.8
12.50	12.50	12.50	3.9	11.50	2.3	9.75	2.3	12.50	2.5	12.50	2.6	10.50	6.0	10.50	4.9	14.75	5.0	11.00	5.1	12.00	4.8
12.75	12.75	12.75	3.9	11.75	2.1	10.00	2.1	12.75	2.3	12.75	2.4	10.75	6.2	10.75	4.9	14.75	5.0	11.00	5.1	12.00	4.8
13.00	13.00	13.00	3.9	12.00	1.9	10.25	1.9	13.00	2.1	13.00	2.2	11.00	6.4	11.00	4.9	14.75	5.0	11.00	5.1	12.00	4.8
13.25	13.25	13.25	3.9	12.25	1.7	10.50	1.7	13.25	1.9	13.25	2.0	11.25	6.6	11.25	4.9	14.75	5.0	11.00	5.1	12.00	4.8
13.50	13.50	13.50	3.9	12.50	1.5	10.75	1.5	13.50	1.7	13.50	1.8	11.50	6.8	11.50	4.9	14.75	5.0	11.00	5.1	12.00	4.8
13.75	13.75	13.75	3.9	12.75	1.3	11.00	1.3	13.75	1.5	13.75	1.6	11.75	7.0	11.75	4.9	14.75	5.0	11.00	5.1	12.00	4.8
14.00	14.00	14.00	3.9	13.00	1.1	11.25	1.1	14.00	1.3	14.00	1.4	12.00	7.2	12.00	4.9	14.75	5.0	11.00	5.1	12.00	4.8
14.25	14.25	14.25	3.9	13.25	0.9	11.50	0.9	14.25	1.1	14.25	1.2	12.25	7.4	12.25	4.9	14.75	5.0	11.00	5.1	12.00	4.8
14.50	14.50	14.50	3.9	13.50	0.7	11.75	0.7	14.50	0.9	14.50	1.0	12.50	7.6	12.50	4.9	14.75	5.0	11.00	5.1	12.00	4.8
14.75	14.75	14.75	3.9	13.75	0.5	12.00	0.5	14.75	0.7	14.75	0.8	13.00	7.8	13.00	4.9	14.75	5.0	11.00	5.1	12.00	4.8
15.00	15.00	15.00	3.9	14.00	0.3	12.25	0.3	15.00	0.5	15.00	0.6	13.25	8.0	13.25	4.9	14.75	5.0	11.00	5.1	12.00	4.8

LAKE# 226 S TEMPERATURE PROFILES FOR 1987

MAY 19 DAY# 159	JUN 4 DAY# 155	JUN 16 DAY# 167	JUL 3 DAY# 184	JUL 14 DAY# 195	JUL 30 DAY# 211	AUG 11 DAY# 223	AUG 27 DAY# 239	SEP 8 DAY# 251	SEP 24 DAY# 267	OCT 6 DAY# 279	OCT 19 DAY# 292
	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)	DEPTH TEMP (M) (C)
0.00 13.0	0.00 16.3	0.00 21.7	0.00 21.8	0.00 19.6	0.00 24.8	0.00 22.0	0.00 18.5	0.00 17.1	0.00 15.3	0.00 10.3	0.00 7.3
1.00 13.0	1.00 16.3	1.00 21.4	1.00 21.7	1.00 19.7	1.00 24.7	1.00 22.0	1.00 18.5	1.00 17.2	1.00 15.3	1.00 10.8	1.00 7.4
2.00 13.0	2.00 16.2	2.00 21.3	2.00 21.2	2.00 19.7	2.00 24.1	2.00 22.0	2.00 18.5	2.00 17.2	2.00 15.3	2.00 10.9	2.00 7.2
3.00 13.0	3.00 15.4	3.00 21.1	3.00 21.1	3.00 19.8	2.25 23.9	3.00 22.0	3.00 18.5	3.00 17.2	3.00 15.3	3.00 10.9	3.00 7.1
4.00 13.0	3.25 14.8	2.50 21.0	1.75 20.9	4.00 19.4	2.50 23.5	4.00 21.8	4.00 18.5	4.00 17.2	4.00 15.3	4.00 10.9	4.00 7.1
4.25 12.8	3.50 14.5	2.75 19.9	2.00 20.4	4.25 18.8	2.75 23.0	4.25 21.0	5.00 18.4	5.00 17.1	5.00 15.3	5.00 10.9	5.00 7.1
4.50 12.3	3.75 14.0	3.00 15.3	3.00 19.7	4.50 17.3	3.00 22.7	4.50 20.0	5.25 17.9	5.25 16.7	6.00 15.0	6.00 10.9	6.00 7.1
4.75 9.9	4.00 14.0	3.25 16.8	4.00 19.4	4.75 15.8	3.25 22.0	4.75 19.0	5.50 17.3	5.50 16.4	6.25 14.4	7.00 10.9	7.00 7.1
5.00 8.6	4.25 13.9	3.50 16.2	4.25 17.9	5.00 14.8	3.50 21.6	5.00 17.4	5.75 15.7	5.75 15.8	6.50 13.8	8.00 10.8	8.00 7.1
5.25 7.9	4.50 13.1	3.75 17.2	4.50 16.5	5.25 15.7	3.75 21.1	5.25 16.0	6.00 13.8	6.00 15.1	6.75 12.4	8.25 10.7	9.00 7.1
5.50 7.1	4.75 12.9	4.00 15.8	4.75 15.0	5.50 12.0	4.00 20.7	5.50 15.0	6.25 13.5	6.25 13.8	7.00 11.6	8.50 10.5	10.00 7.1
5.75 6.4	5.00 12.5	4.25 15.2	5.00 14.1	5.75 11.6	4.25 20.0	5.75 14.0	6.50 11.5	6.50 11.8	7.25 10.9	8.75 7.5	11.00 7.1
6.00 5.5	5.25 12.2	4.50 14.4	5.25 12.5	6.00 10.7	4.50 19.0	6.00 12.3	6.75 10.9	6.75 10.9	7.50 10.2	9.00 7.0	11.50 6.3
6.25 5.0	5.50 11.6	4.75 14.0	5.50 11.6	6.25 10.0	4.75 17.9	6.25 11.2	7.00 10.4	7.00 10.3	7.75 9.1	10.00 6.2	
6.50 4.7	5.75 10.6	5.00 13.3	5.75 10.7	6.50 9.1	5.00 16.4	6.50 10.2	7.25 9.9	7.25 9.8	8.00 8.5	11.00 6.2	
6.75 4.5	6.00 9.9	5.25 12.5	6.00 9.8	6.75 8.7	5.25 15.3	6.75 9.4	7.50 9.3	7.50 9.4	8.25 7.4	11.50 5.9	
7.00 4.3	6.25 8.2	5.50 12.1	6.25 9.2	7.00 8.2	5.50 13.8	7.00 9.0	7.75 8.6	7.75 8.6	8.50 7.3		
8.00 3.8	6.50 7.5	5.75 11.0	6.50 8.7	7.25 7.6	5.75 12.7	7.25 8.6	8.00 8.1	8.00 8.2	8.75 7.0		
9.00 3.7	6.75 6.9	6.00 10.2	6.75 7.9	7.50 7.2	6.00 12.0	7.50 8.2	8.25 7.6	8.25 7.4	9.00 6.6		
10.00 3.5	7.00 6.1	6.25 8.7	7.00 7.4	7.75 7.0	6.25 11.2	7.75 7.8	8.50 7.2	8.50 7.2	10.00 6.1		
11.00 3.5	8.00 5.5	6.50 8.2	7.25 6.8	8.00 6.8	6.50 10.4	8.00 7.3	8.75 6.8	8.75 6.8	10.75 5.9		
11.75 3.5	9.00 5.0	6.75 7.6	7.50 6.6	8.25 6.4	6.75 9.4	9.00 6.4	9.00 6.5	9.00 6.5	10.00 5.9	10.00 5.9	
10.00 4.9	7.00 7.3	7.75 6.3	7.75 6.0	8.50 6.0	7.00 8.9	10.00 5.8	11.00 5.6	11.00 5.7	11.50 5.7		
11.00 4.8	7.25 6.9	8.00 6.0	8.75 5.8	7.25 8.3	7.25 7.4	11.70 5.6	11.70 5.6	11.70 5.7			
11.80 4.8	7.50 6.6	9.00 5.4	9.00 5.4	10.00 5.7	7.50 7.7						
11.00 5.1	7.75 6.0	10.00 5.1	10.00 5.2	11.00 5.2	7.75 7.4						
11.80 5.2	8.00 5.8	11.00 5.0	8.00 7.2	11.00 5.0	8.00 7.2						
10.00 5.2	9.00 5.4	11.00 5.0	9.00 6.7	10.00 5.0	8.25 6.7						
10.00 5.2	10.00 5.2	11.00 5.0	10.00 5.2	11.00 5.0	8.50 6.5						
11.00 5.1	11.00 5.1	8.75 6.1									
11.80 5.2	9.00 5.5	10.00 5.5									
11.00 5.4	11.00 5.4	11.00 5.4									
11.50 5.4	11.50 5.4	11.50 5.4									

NAME# 227 NUMBER 104 PUBLISHED 1987

TAKE# 239 TEMPERATURE PROFILES FOR 1987

DEPTH (m)	MAY 18 DAY# 138			JUN 4 DAY# 155			JUL 15 DAY# 166			JUL 2 DAY# 183			JUL 13 DAY# 194			JUL 30 DAY# 211			AUG 10 DAY# 222			AUG 27 DAY# 239			SEP 7 DAY# 250			SEP 21 DAY# 264			OCT 5 DAY# 278		
	(c)	(m)	(C)	(c)	(m)	(C)	(c)	(m)	(C)	(c)	(m)	(C)	(c)	(m)	(C)	(c)	(m)	(C)	(c)	(m)	(C)	(c)	(m)	(C)	(c)	(m)	(C)	(c)	(m)	(C)	(c)	(m)	(C)
0.00	11.9	0.00	12.8	0.00	16.5	0.00	20.1	0.00	19.6	0.00	19.6	0.00	21.3	0.00	25.7	0.00	21.5	0.00	21.5	0.00	18.9	0.00	17.6	0.00	15.9	0.00	12.0	0.00	5.9	0.00	5.9	0.00	
1.00	11.6	1.00	12.8	1.00	16.5	1.00	20.2	1.00	19.7	1.00	19.6	1.00	21.5	1.00	25.8	1.00	21.5	1.00	21.5	1.00	18.8	1.00	17.6	1.00	15.9	1.00	12.0	1.00	5.9	1.00	5.9	1.00	
2.00	11.3	2.00	12.8	2.00	16.5	2.00	20.2	2.00	19.7	2.00	19.6	2.00	21.5	2.00	25.8	2.00	21.5	2.00	21.5	2.00	18.8	2.00	17.5	2.00	15.9	2.00	12.0	2.00	5.9	2.00	5.9	2.00	
3.00	11.2	3.00	12.8	3.00	16.5	3.00	20.2	3.00	19.7	3.00	19.6	3.00	21.5	3.00	25.8	3.00	21.5	3.00	21.5	3.00	17.5	3.00	17.5	3.00	15.9	3.00	12.0	3.00	5.9	3.00	5.9	3.00	
4.00	11.1	4.00	12.8	4.00	16.5	4.00	20.0	4.00	19.7	4.00	19.6	4.00	21.5	4.00	25.7	4.00	21.5	4.00	21.5	4.00	18.7	4.00	17.4	4.00	15.9	4.00	12.0	4.00	5.9	4.00	5.9	4.00	
5.00	10.8	5.00	12.8	4.50	16.4	5.00	19.3	5.00	19.4	5.00	19.6	5.00	21.5	5.00	25.6	5.00	21.5	5.00	21.5	5.00	18.7	5.00	17.2	5.00	15.9	5.00	12.0	5.00	5.9	5.00	5.9	5.00	
6.00	9.9	6.00	12.8	4.50	16.4	5.00	19.0	5.00	18.6	5.00	18.6	5.00	21.5	5.00	22.6	5.00	21.5	5.00	21.5	6.00	17.1	6.00	17.1	6.00	15.9	6.00	12.0	6.00	5.9	6.00	5.9	6.00	
7.00	9.4	7.00	12.6	4.50	16.2	5.00	18.8	5.00	18.8	5.00	17.1	5.00	21.5	5.00	22.3	5.00	21.5	7.00	18.1	7.00	17.1	7.00	15.9	7.00	12.0	7.00	5.9	7.00	5.9	7.00			
8.00	9.1	7.25	12.3	5.00	13.7	4.25	18.4	5.00	15.6	5.00	16.1	5.00	22.2	5.00	22.2	5.00	21.5	7.50	17.5	8.00	15.9	8.00	12.0	8.00	5.9	8.00	5.9	8.00					
9.00	8.7	7.50	12.0	5.00	15.1	6.00	14.2	6.00	15.3	5.00	15.3	6.00	21.2	6.00	21.2	6.00	21.6	7.50	16.3	8.00	15.7	9.00	12.0	9.00	5.9	9.00	5.9	9.00					
10.00	8.4	7.75	12.0	5.00	12.7	4.75	17.9	6.25	13.8	6.00	14.3	4.00	21.6	6.00	13.5	8.00	13.5	7.50	14.6	8.00	15.9	8.50	15.1	10.00	12.0	10.00	5.9	10.00	5.9	10.00			
11.00	8.2	8.00	12.0	5.00	12.5	5.00	17.2	6.50	13.1	6.50	13.4	4.00	21.1	6.50	17.6	8.00	13.5	8.00	13.5	7.50	14.2	11.00	12.0	11.00	5.9	11.00	5.9	11.00					
12.00	7.9	8.25	11.3	6.00	12.3	6.00	16.2	6.75	12.7	6.75	13.0	4.00	20.8	6.75	16.5	6.75	12.9	8.00	15.6	9.00	15.6	9.00	12.3	12.00	12.0	12.00	5.9	12.00	5.9	12.00			
13.00	7.7	8.50	12.0	5.00	12.0	7.00	12.4	7.00	12.8	7.00	12.8	4.00	20.6	7.00	15.6	7.00	15.6	8.50	14.7	13.00	12.4	11.50	12.1	13.00	5.9	13.00	5.9	13.00					
14.00	7.7	8.75	10.3	8.00	11.6	5.75	15.7	8.00	11.6	7.00	12.4	7.00	20.4	7.00	15.1	8.00	11.9	8.75	12.5	9.00	11.6	11.5	11.5	14.00	5.9	14.00	5.9	14.00					
15.00	7.1	9.00	9.9	9.00	11.0	6.00	14.1	9.00	10.7	7.50	12.1	5.50	19.8	7.50	15.5	9.00	11.4	9.00	11.4	9.00	11.4	9.00	11.1	12.00	11.1	15.00	5.9	15.00	5.9	15.00			
16.00	6.8	9.25	9.3	10.00	10.2	6.25	13.0	10.00	10.0	7.00	11.8	6.25	19.4	7.75	12.9	9.00	11.0	9.00	11.0	9.00	10.5	10.00	10.5	12.50	10.2	16.00	5.9	16.00	5.9	16.00			
17.00	6.6	9.50	9.0	11.00	9.3	6.50	12.8	11.00	9.3	8.00	11.6	5.75	18.9	8.00	12.3	9.00	10.5	9.00	10.5	9.00	10.5	10.00	10.5	12.50	10.2	17.00	5.9	17.00	5.9	17.00			
18.00	6.5	9.75	8.8	12.00	8.5	6.75	12.4	12.00	8.6	8.25	11.2	6.00	18.1	8.25	11.7	9.00	11.7	9.00	11.7	9.00	10.5	10.00	10.5	12.50	10.2	18.00	5.9	18.00	5.9	18.00			
19.00	6.1	10.00	8.3	13.00	8.1	7.00	12.2	13.00	8.0	8.50	10.9	6.50	17.0	8.50	11.2	10.00	10.1	10.00	10.1	10.00	10.1	10.50	10.1	13.00	5.9	13.00	5.9	13.00					
20.00	6.1	11.00	8.0	14.00	7.8	8.00	11.5	14.00	7.5	8.75	10.6	8.00	16.4	8.75	11.0	11.00	9.3	11.00	9.4	11.00	9.4	11.50	9.4	14.00	5.9	14.00	5.9	14.00					
21.00	5.9	12.00	7.7	15.00	7.6	9.00	10.9	15.00	7.0	9.00	10.3	6.75	16.0	9.00	10.6	12.00	8.8	12.00	8.9	12.00	8.9	12.50	8.7	15.00	5.9	15.00	5.9	15.00					
22.00	5.5	13.00	7.5	16.00	7.0	10.00	10.0	16.00	6.6	10.00	9.8	7.00	15.1	10.00	9.8	13.00	8.2	13.00	8.2	13.00	8.1	15.00	8.1	16.00	6.7	16.00	6.7	16.00					
23.00	5.4	14.00	7.0	17.00	6.7	11.00	9.4	17.00	6.1	11.00	9.3	7.35	13.7	11.00	9.3	14.00	7.4	14.00	7.5	14.00	7.6	17.00	6.3	19.00	5.9	19.00	5.9	19.00					
24.00	5.3	15.00	6.8	18.00	6.5	12.00	8.9	18.00	5.8	12.00	8.5	6.50	15.0	12.00	8.7	15.00	6.9	15.00	6.9	15.00	7.1	18.00	6.1	19.00	5.9	19.00							
25.00	5.3	16.00	6.5	19.00	6.1	13.00	8.4	19.00	5.7	13.00	7.8	7.50	12.5	13.00	8.1	16.00	6.6	16.00	6.6	16.00	6.5	19.00	5.9	20.00	5.9	20.00							
26.00	5.2	17.00	6.4	20.00	5.9	14.00	7.9	20.00	5.5	14.00	7.3	8.00	12.0	14.00	7.5	17.00	6.2	17.00	6.2	17.00	6.2	19.00	5.9	20.00	5.9	20.00							
27.00	5.2	18.00	5.9	21.00	5.7	15.00	7.6	21.00	5.4	15.00	7.0	8.25	11.5	15.00	7.2	18.00	6.1	18.00	6.1	18.00	6.1	19.00	5.9	20.00	5.9	20.00							
28.00	5.2	19.00	5.8	22.00	5.6	16.00	7.0	22.00	5.4	16.00	6.6	6.50	16.0	16.00	6.8	19.00	5.8	19.00	5.8	19.00	5.8	20.00	5.9	21.00	5.9	21.00							
29.00	5.2	20.00	5.8	23.00	5.6	17.00	6.7	23.00	5.4	17.00	6.2	8.75	10.8	17.00	6.3	20.00	5.7	20.00	5.7	20.00	5.7	21.00	5.9	22.00	5.9	22.00							
30.00	5.1	21.00	5.6	24.00	5.5	18.00	6.5	24.00	5.2	18.00	6.0	9.00	10.6	18.00	6.1	21.00	5.5	21.00	5.5	21.00	5.5	22.00	5.4	23.00	5.4	23.00							
	22.00	5.5	25.00	5.4	19.00	6.1	25.00	5.3	19.00	5.8	9.25	10.4	19.00	5.8	22.00	5.4	22.00	5.4	22.00	5.4	22.00	5.3	23.00	5.4	24.00	5.4	24.00						
	23.00	5.4	26.00	5.4	20.00	6.0	26.00	5.3	20.00	5.8	9.00	10.2	20.00	5.6	23.00	5.3	23.00	5.3	23.00	5.3	23.00	5.2	24.00	5.3	25.00	5.3	25.00						
	24.00	5.3	27.00	5.4	21.00	5.8	27.00	5.2	21.00	5.4	9.75	10.0	21.00	5.5	24.00	5.3	24.00	5.3	24.00	5.3	24.00	5.2	25.00	5.3	26.00	5.3	26.00						
	25.00	5.2	28.00	5.3	22.00	5.6	28.00	5.2	22.00	5.3	10.00	9.8	22.00	5.3	25.00	5.2	25.00	5.2	25.00	5.2	25.00	5.1	26.00	5.2	27.00	5.2	27.00						
	26.00	5.2	29.00	5.3	23.00	5.5	29.00	5.1	23.00	5.1	11.00	9.1	23.00	5.1	26.00	5.1	26.00	5.1	26.00	5.1	26.00	5.0	27.00	5.1	28.00	5.1	28.00						
	27.00	5.1	27.00	5.1	24.00	5.5	24.00	5.1	24.00	5.1	11.00	9.1	24.00	5.1	25.00	5.1	25.00	5.1	25.00	5.1	25.00	5.0	26.00	5.1	27.00	5.1	27.00						
	28.00	5.0	28.00	5.1	25.00</																												

LAKE# 240 TEMPERATURE PROFILE FOR 1987

MAY 21 DAY# 141		JUN 4 DAY# 155		JUN 18 DAY# 169		JUL 2 DAY# 183		JUL 30 DAY# 211		AUG 13 DAY# 225		AUG 27 DAY# 239		SEP 10 DAY# 253		SEP 21 DAY# 264		OCT 6 DAY# 279	
DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	11.5	0.00	12.8	0.00	17.1	0.00	22.4	0.00	19.8	0.00	24.4	0.00	20.3	0.00	18.4	0.00	17.4	0.00	15.8
1.00	11.4	1.00	12.9	1.00	17.1	1.00	22.4	1.00	19.8	1.00	24.4	1.00	20.6	1.00	18.5	1.00	17.4	1.00	15.8
2.00	11.4	2.00	13.0	2.00	17.1	2.00	22.4	2.00	19.8	2.00	24.1	2.00	20.6	2.00	18.6	2.00	17.4	2.00	15.8
3.00	11.4	3.00	13.0	3.00	17.1	3.00	22.4	3.00	19.8	3.00	25.2	3.00	20.7	3.00	18.6	3.00	17.4	3.00	15.8
4.00	11.4	4.00	13.0	4.00	17.1	3.25	22.3	4.00	19.8	3.25	22.7	4.00	20.7	4.00	18.5	4.00	17.4	4.00	15.8
5.00	11.2	5.00	13.0	5.00	16.1	3.50	21.8	5.00	19.3	3.50	22.4	5.00	20.7	5.00	18.5	5.00	17.4	5.00	15.8
6.00	10.9	6.00	13.0	5.25	15.4	3.75	20.1	5.25	19.1	3.75	22.1	6.00	20.3	6.00	18.4	6.00	17.3	6.00	15.8
7.00	10.1	7.00	13.0	5.50	14.2	4.00	20.3	5.50	18.3	4.00	21.8	6.25	20.3	7.00	18.3	7.00	17.2	7.00	15.8
8.00	9.3	8.00	13.0	5.75	13.7	4.25	19.5	5.75	17.7	4.25	21.3	6.50	20.2	7.25	18.2	8.00	16.9	8.00	15.8
9.00	9.1	9.00	13.0	6.00	13.1	4.50	19.1	6.00	16.8	4.50	21.0	6.75	19.5	7.50	18.2	9.00	16.1	9.00	15.8
10.00	9.0	9.25	12.7	7.00	12.5	4.75	18.7	6.25	15.6	4.75	20.6	7.00	17.5	7.75	17.4	9.25	15.0	10.00	14.2
11.00	8.9	9.50	12.0	8.00	12.2	5.00	18.2	6.50	15.0	5.00	20.2	7.25	16.4	8.00	16.4	9.50	12.9	9.50	15.0
12.00	8.7	9.75	10.8	9.00	11.9	5.25	17.5	6.75	14.2	5.25	19.0	7.50	15.8	8.25	15.0	9.75	12.6	9.75	14.2
13.00	8.6	10.00	10.2	10.00	11.3	5.50	17.1	7.00	14.0	5.50	19.9	7.75	14.8	8.50	14.5	10.00	12.1	10.00	13.4
14.00	8.6	10.25	9.9	11.00	11.3	5.75	16.7	7.25	13.2	5.75	19.6	8.00	14.3	8.75	13.7	10.25	11.7	10.50	11.7
15.00	8.6	10.50	9.7	12.00	10.7	6.00	15.9	7.50	13.0	6.00	19.1	8.25	13.8	9.00	12.9	10.50	11.1	10.50	11.7
16.00	8.5	10.75	9.5	13.00	10.6	6.25	15.0	7.75	12.5	6.25	18.6	8.50	13.4	9.25	12.5	10.75	11.3	11.00	12.0
17.00	8.4	11.00	9.0	13.40	10.0	6.50	14.1	8.00	12.2	6.50	18.0	8.75	12.9	9.50	12.3	11.00	10.6	11.00	10.9
18.00	8.3	12.00	8.7	10.25	9.9	7.00	13.7	9.00	11.7	6.75	17.4	9.00	12.6	9.75	11.9	12.00	10.4	12.00	10.4
19.00	8.3	13.00	8.6	10.50	9.7	7.00	13.0	10.00	11.3	7.00	16.4	9.25	12.3	10.00	11.7	13.00	10.2	13.00	10.1
20.00	8.3	12.00	10.5	8.00	12.3	11.00	10.9	12.50	10.1	7.25	15.7	9.50	11.9	11.00	11.0	12.00	10.5	12.00	10.5
21.00	8.3	13.75	8.3	9.00	11.6	12.00	10.5	7.50	15.0	7.50	15.7	9.75	11.7	12.00	10.5	13.25	10.5	13.25	10.5
22.00	8.3	10.00	11.3	10.00	11.3	13.00	10.4	10.50	10.1	8.00	13.7	9.00	12.6	10.00	11.5	13.00	10.3	13.30	10.2
23.00	8.3	11.00	10.8	13.50	10.1	12.50	10.5	10.10	9.50	10.50	10.1	8.25	13.2	12.00	10.5	13.00	10.2	13.30	10.2
24.00	8.3	12.00	10.5	12.00	10.5	11.00	10.5	10.50	10.1	8.50	12.6	9.75	12.3	10.00	11.2	12.00	10.4	12.70	10.3

TAKE# 260 TEMPERATURE PROFILES FOR 1987

MAY 14 DAY# 134	MAY 24 DAY# 144	JUN 22 DAY# 173			JUL 7 DAY# 188			AUG 17 DAY# 229			SEP 3 DAY# 246			OCT 14 DAY# 257			OCT 1 DAY# 274			OCT 12 DAY# 285			OCT 19 DAY# 292		
		DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	13.7	0.00	11.6	0.00	23.7	0.00	22.3	0.00	19.2	0.00	22.8	0.00	17.0	0.00	16.0	0.00	14.1	0.00	8.1	0.00	8.1	0.00	6.9	0.00	6.9
1.00	13.7	1.00	11.5	1.00	23.7	1.00	22.2	1.00	19.4	1.00	22.8	1.00	17.1	1.00	16.0	1.00	14.0	1.00	8.1	1.00	8.1	1.00	6.9	1.00	6.9
2.00	13.7	2.00	11.5	2.00	23.7	2.00	21.6	2.00	19.4	2.00	22.8	2.00	17.1	2.00	16.0	2.00	14.0	2.00	8.0	2.00	8.0	2.00	6.9	2.00	6.9
3.00	13.7	3.00	11.0	3.00	23.0	3.00	21.3	3.00	19.4	3.00	23.0	3.00	17.1	3.00	16.0	3.00	14.0	3.00	8.0	3.00	8.0	3.00	6.9	3.00	6.9
4.00	13.6	3.25	10.7	3.25	22.7	4.00	20.6	4.00	19.4	4.00	23.0	4.00	17.1	4.00	16.0	4.00	14.0	4.00	8.0	4.00	8.0	4.00	6.9	4.00	6.9
5.00	13.6	3.50	10.4	3.50	21.6	4.25	20.2	5.00	19.3	5.00	23.0	5.00	17.1	5.00	16.0	5.00	14.0	5.00	8.0	5.00	8.0	5.00	6.9	5.00	6.9
6.00	13.6	3.75	9.9	3.75	20.8	4.50	19.9	5.25	19.2	6.00	22.7	6.00	17.1	6.00	16.0	6.00	14.0	6.00	8.0	6.00	8.0	6.00	6.9	6.00	6.9
7.00	12.9	4.00	9.8	4.00	19.6	4.75	19.7	5.50	19.1	6.25	22.2	7.00	17.1	7.00	16.0	7.00	14.0	7.00	8.0	7.00	8.0	7.00	6.9	7.00	6.9
7.25	12.7	5.00	9.4	4.25	19.0	5.00	18.9	5.75	18.9	6.50	21.3	8.00	16.7	8.00	15.9	8.00	14.0	8.00	8.0	8.00	8.0	8.00	6.9	8.00	6.9
7.50	12.7	6.00	9.3	4.50	18.3	5.25	18.4	6.00	18.1	6.75	20.3	8.25	15.1	8.25	15.6	9.00	13.8	9.00	8.0	9.00	8.0	9.00	6.9	9.00	6.9
7.75	12.2	7.00	9.2	4.75	17.4	5.50	17.5	6.25	16.2	7.00	19.1	8.50	14.0	8.50	15.5	9.25	13.3	10.00	8.0	10.00	8.0	10.00	6.9	10.00	6.9
8.00	11.8	8.00	9.1	5.00	16.7	5.15	16.0	6.00	15.0	7.25	18.2	8.75	15.4	8.75	14.4	9.50	13.3	11.00	7.9	11.00	7.9	11.00	6.9	11.00	6.9
8.25	10.9	9.00	8.9	5.25	16.2	6.00	15.2	6.75	14.4	7.50	17.4	9.00	12.3	9.00	13.4	9.75	12.9	12.00	7.9	12.00	7.9	12.00	6.9	12.00	6.9
8.50	10.0	10.00	8.0	5.50	15.3	6.25	14.6	7.00	13.8	7.75	16.7	9.25	11.2	9.25	12.8	10.00	12.7	13.00	7.9	13.00	7.9	13.00	6.8	13.00	6.8
8.75	9.6	10.25	7.7	5.75	14.1	6.50	14.1	7.25	13.3	8.00	16.0	9.50	11.0	9.50	12.4	10.25	12.6	14.00	7.9	14.00	7.9	14.00	6.8	14.00	6.8
9.00	9.2	10.50	7.0	6.00	14.0	6.75	13.6	7.50	13.0	8.25	15.3	9.75	10.6	9.75	11.1	10.50	11.1	14.25	8.0	14.25	8.0	14.25	7.2	14.25	7.2
9.25	8.8	10.75	6.3	6.25	13.1	7.00	13.3	7.75	12.6	8.50	14.6	10.00	10.3	10.00	10.7	10.75	10.2	11.00	9.4	11.00	9.4	11.00	9.4	11.00	9.4
9.50	8.6	11.00	5.7	6.50	13.0	7.25	12.6	8.00	12.3	8.75	14.2	11.00	9.3	10.25	10.2	12.00	8.6	12.00	8.4	12.00	8.4	12.00	8.4	12.00	8.4
9.75	8.3	11.25	5.1	6.75	12.8	7.50	12.4	8.25	11.9	9.00	14.0	12.00	8.4	10.50	9.8	11.25	9.0	13.00	8.2	13.00	8.2	13.00	8.2	13.00	8.2
10.00	8.0	11.50	4.7	7.00	12.6	7.75	12.2	8.50	11.6	9.25	13.6	13.00	8.0	10.75	9.5	11.50	8.9	14.00	8.0	14.00	8.0	14.00	8.0	14.00	8.0
11.00	7.1	11.75	4.3	8.00	11.8	8.00	12.0	8.75	11.2	9.50	13.3	14.00	7.8	11.00	9.2	11.75	8.6	12.00	8.4	12.00	8.4	12.00	8.4	12.00	8.4
11.25	6.7	12.00	4.2	9.00	11.2	9.00	11.3	9.00	11.0	9.75	13.0	10.00	10.7	10.00	12.4	15.00	8.2	13.00	8.0	13.00	8.0	13.00	8.0	13.00	8.0
11.50	6.6	12.00	4.0	10.00	10.3	9.25	10.9	9.25	10.7	10.00	12.4	10.25	12.1	10.25	12.1	14.00	8.0	14.00	8.0	14.00	8.0	14.00	8.0	14.00	8.0
11.75	6.4	14.00	3.8	11.00	8.6	9.50	10.7	9.50	10.4	10.25	12.1	10.50	11.8	10.50	11.8	14.25	8.0	14.25	8.0	14.25	8.0	14.25	8.0	14.25	8.0
12.00	6.1	14.50	3.6	12.00	7.9	9.75	10.2	9.75	10.1	10.50	11.8	11.00	9.8	10.75	11.5	12.00	8.4	12.00	8.4	12.00	8.4	12.00	8.4	12.00	8.4
12.25	5.9	13.00	3.4	13.00	7.4	10.00	9.8	10.00	9.5	11.00	9.2	11.00	8.9	11.00	11.1	12.00	8.0	12.00	8.0	12.00	8.0	12.00	8.0	12.00	8.0
12.50	5.8	14.00	3.2	14.00	7.2	10.25	9.2	10.25	8.9	10.75	9.0	10.75	8.7	10.75	10.4	11.00	7.3	11.00	7.3	11.00	7.3	11.00	7.3	11.00	7.3
12.75	5.4	14.50	3.0	14.25	7.2	10.50	9.0	10.50	8.6	11.00	8.6	11.00	8.3	11.00	9.0	11.50	7.3	11.50	7.3	11.50	7.3	11.50	7.3	11.50	7.3

LAKE# 302 N TEMPERATURE PROFILES FOR 1987

MAY DAY#	JUN 19 DAY# 139			JUN 2 DAY# 153			JUN 16 DAY# 167			JUL 1 DAY# 181			JUL 14 DAY# 195			JUL 28 DAY# 209			AUG 11 DAY# 223			AUG 25 DAY# 237			SEP 8 DAY# 251			SEP 22 DAY# 265			OCT 6 DAY# 279		
	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)			
0.00	12.5	0.00	14.0	0.00	19.0	0.00	21.7	0.00	20.3	1.00	19.9	0.00	19.9	0.00	22.0	1.00	22.0	0.00	18.8	0.00	17.5	0.00	15.8	0.00	11.6	0.00	5.4						
1.00	12.5	1.00	14.0	1.00	19.1	1.00	21.7	1.00	20.3	2.00	19.8	2.00	23.1	2.00	22.0	2.00	18.8	2.00	17.5	2.00	15.7	3.00	11.7	3.00	11.2	3.00	5.4						
2.00	12.5	2.00	14.0	2.00	19.0	2.00	21.6	2.00	20.3	3.00	19.8	3.00	20.3	3.00	22.2	4.00	22.0	3.00	18.8	4.00	17.4	4.00	15.7	4.00	11.2	4.00	5.4						
3.00	12.2	3.00	14.0	2.50	18.1	2.50	20.9	3.00	20.2	4.00	19.5	3.25	21.7	3.50	21.3	4.25	21.8	5.00	18.8	5.00	17.4	5.00	15.7	5.00	11.2	5.00	5.4						
4.00	11.6	4.00	14.0	2.50	16.2	2.50	20.9	3.25	20.2	4.00	18.3	3.75	20.1	4.50	17.8	5.25	20.8	6.00	18.7	6.00	17.4	6.00	15.5	6.00	11.2	6.00	5.4						
5.00	10.7	5.00	13.7	2.75	15.7	3.00	19.6	3.75	20.1	4.50	18.4	4.75	16.5	5.00	20.4	5.75	20.2	6.50	18.6	6.25	16.4	7.00	15.1	7.00	11.2	7.00	5.4						
5.25	10.3	5.25	13.5	3.00	14.1	3.00	19.6	3.75	18.3	4.00	18.4	4.25	17.0	5.00	15.6	4.25	20.1	5.00	19.3	5.75	17.8	6.50	16.3	7.25	13.9	8.00	11.2	8.00	5.4				
5.50	9.6	5.50	13.0	3.25	13.7	3.50	17.6	3.75	17.5	4.25	17.0	4.50	15.8	5.25	14.9	4.50	19.4	5.25	17.5	6.00	16.9	6.75	14.9	7.50	12.4	9.00	11.2	9.00	5.4				
5.75	9.2	5.75	12.0	3.75	13.5	3.75	17.6	4.25	17.6	4.50	15.8	5.25	14.9	4.50	19.4	5.25	17.5	6.00	16.9	6.75	15.5	7.75	11.5	10.00	11.0	10.00	5.4						
6.00	8.5	6.00	10.3	3.75	13.4	3.75	17.6	4.25	17.6	4.50	15.8	5.25	14.9	4.50	19.4	5.25	17.5	6.00	16.9	6.75	15.3	7.75	12.6	8.00	10.9	10.25	10.9	11.00	5.4				
7.00	6.8	6.25	8.9	4.00	13.1	4.00	15.5	4.75	14.5	5.50	14.0	4.75	18.7	5.50	6.5	6.25	15.6	5.75	15.6	6.50	13.9	7.25	12.6	8.00	10.9	10.25	10.9	11.00	5.4				
8.00	6.1	6.50	8.5	5.00	12.4	4.25	14.6	5.00	14.6	5.25	13.0	5.00	17.8	5.25	15.6	6.00	17.8	5.25	14.5	6.75	12.9	7.50	11.6	8.25	10.0	10.50	8.9	12.00	5.4				
9.00	5.7	6.75	7.8	6.00	11.5	4.50	13.9	5.25	13.0	6.00	12.3	6.00	17.3	5.50	15.0	6.25	13.6	7.00	12.0	7.75	11.0	8.50	9.3	10.75	7.3	13.00	5.4						
10.00	5.4	7.00	7.1	7.00	10.5	4.75	13.6	5.25	13.6	5.50	12.4	6.25	11.7	5.50	15.0	6.25	13.6	7.00	12.0	7.75	11.0	8.50	9.3	10.75	7.3	13.00	5.4						
11.00	5.3	8.00	6.1	8.00	8.5	5.00	12.9	5.75	12.1	6.50	11.2	5.75	14.1	6.50	12.7	7.25	11.3	8.00	10.1	8.75	8.9	11.00	7.2	13.25	6.2								
12.00	5.3	12.00	6.1	6.00	11.4	6.00	11.4	6.75	9.8	7.50	8.7	6.75	11.4	7.50	9.8	8.25	9.2	9.00	8.0	9.75	7.4	8.25	9.4	9.00	8.4	12.00	7.0						
13.00	5.2	13.00	6.0	6.25	10.5	6.00	11.4	6.75	10.5	6.75	10.6	6.75	10.6	6.75	10.6	6.75	10.5	7.00	11.0	7.25	9.00	9.6	8.75	8.6	9.50	7.5	10.00	7.2					
13.00	5.2	10.00	5.5	10.00	6.5	5.50	12.3	6.25	10.9	7.00	9.9	6.25	12.7	7.00	11.0	7.25	10.5	8.00	9.6	8.75	8.6	9.50	8.6	10.00	7.0	11.00	6.9						
13.00	5.2	11.00	5.4	11.00	6.2	5.75	11.8	6.50	10.6	7.25	9.3	6.50	11.9	7.25	10.5	8.00	9.6	8.75	8.6	9.50	8.6	10.00	7.0	11.00	6.9								
13.00	5.2	12.00	6.1	6.00	11.4	6.75	9.8	7.50	8.7	8.75	9.8	7.50	11.4	7.50	9.8	8.25	9.2	9.00	8.0	9.75	7.4	8.25	9.4	9.00	8.4	12.00	7.0						
13.00	5.2	13.00	6.0	6.25	9.8	6.00	11.4	6.75	9.4	7.75	8.3	6.75	10.9	7.75	9.2	8.50	9.2	8.00	8.8	8.75	8.4	11.00	6.9	12.00	6.8	13.00	6.8						
13.00	5.2	10.00	5.5	10.00	6.5	6.50	9.8	7.25	9.1	8.00	8.0	6.50	10.0	6.50	7.5	8.25	8.5	9.00	8.1	10.00	7.0	11.00	6.7	12.00	6.6	13.00	6.5						
13.00	5.2	11.00	5.4	11.00	6.3	8.00	7.9	11.00	6.4	11.00	6.4	8.00	7.75	8.75	7.3	11.00	6.7	12.00	6.6	13.00	6.5	14.00	6.4	15.00	6.3								
13.00	5.2	12.00	6.3	9.00	7.0	12.00	6.3	12.00	6.3	13.00	6.1	10.00	6.5	13.00	6.1	13.00	5.8	10.00	6.7	12.00	6.6	13.00	6.5	14.00	6.4								
13.00	5.2	13.00	6.1	11.00	6.3	12.00	6.3	12.00	6.3	13.00	6.1	10.00	6.5	13.00	6.1	13.00	5.8	11.00	6.5	12.00	6.5	13.00	6.1	14.00	6.0								
13.00	5.2	13.25	6.0	11.00	6.3	12.00	6.3	12.00	6.3	13.00	6.1	10.00	6.5	13.00	6.1	13.00	5.8	11.00	6.5	12.00	6.5	13.00	6.1	14.00	6.0								

LAKE# 302 S TEMPERATURE PROFILE FOR 1987

MAY 5 DAY# 125	MAY 19 DAY# 139	JUN 2 DAY# 153		JUN 16 DAY# 167		JUL 1 DAY# 181		JUL 14 DAY# 195		AUG 11 DAY# 223		AUG 25 DAY# 257		AUG 28 DAY# 240		SEP 8 DAY# 251		SEP 22 DAY# 265		OCT 6 DAY# 279		OCT 26 DAY# 299	
		DEPTH TEMP (M) (C)																					
0.00	12.5	0.00	14.0	0.00	19.1	0.00	21.8	0.00	21.1	0.00	20.5	0.00	22.4	0.00	19.5	0.00	25.9	0.00	16.0	0.00	11.4	0.00	5.4
1.00	12.4	1.00	14.0	1.00	19.1	1.00	21.6	1.00	21.1	1.00	20.5	1.00	22.4	1.00	19.5	1.00	25.7	1.00	18.2	1.00	11.5	1.00	5.4
2.00	12.4	2.00	14.0	2.00	19.0	2.00	21.3	2.00	21.0	2.00	20.5	2.00	22.4	2.00	19.5	2.00	23.4	2.00	18.1	2.00	11.5	2.00	5.4
3.00	12.2	3.00	14.0	3.00	18.7	3.00	20.7	3.00	21.0	3.00	20.5	3.00	22.4	3.00	19.5	3.00	22.9	3.00	18.1	3.00	16.1	3.00	5.4
4.00	11.9	4.00	14.0	2.50	18.5	3.25	20.2	4.00	20.9	4.00	20.5	4.00	22.4	4.00	19.5	4.00	22.1	4.00	18.1	4.00	16.1	4.00	5.4
5.00	11.4	5.00	14.0	2.75	17.6	3.50	20.0	5.00	20.9	5.00	20.5	5.00	22.2	5.00	19.5	5.00	21.3	5.00	18.1	5.00	16.1	5.00	5.4
6.00	10.8	6.00	13.9	3.00	17.0	3.75	19.8	5.25	20.7	6.00	20.5	6.00	22.2	6.00	19.5	6.00	20.8	6.00	18.0	6.00	16.0	6.00	5.4
7.00	9.9	6.25	13.3	3.25	16.0	4.00	19.5	5.50	20.3	6.25	20.4	6.25	21.6	7.00	19.3	6.25	20.4	7.00	18.0	7.00	16.1	7.00	5.4
7.25	9.3	6.50	13.0	3.50	15.6	4.25	19.2	5.75	20.1	6.50	20.2	6.50	20.7	7.25	19.4	6.50	20.1	8.00	17.9	8.00	16.0	8.00	5.4
7.50	8.9	6.75	12.2	3.75	15.2	4.50	18.9	6.00	19.5	6.75	19.7	6.75	20.0	7.50	19.4	6.75	19.8	8.25	17.7	9.00	15.9	9.00	5.4
7.75	8.6	7.00	11.4	4.00	15.0	4.75	18.4	6.25	19.1	7.00	19.1	7.00	19.3	7.75	18.3	7.00	19.5	8.50	17.2	9.25	13.1	10.00	6.3
8.00	8.5	7.25	10.9	5.00	14.1	5.00	18.0	6.25	18.6	7.25	17.8	7.25	18.6	8.00	16.7	7.25	18.7	8.75	15.7	9.50	13.1	9.75	5.4
9.00	8.0	7.50	10.4	6.00	13.8	5.25	17.3	6.75	17.9	7.50	16.9	7.50	18.0	8.25	15.8	7.50	17.7	9.00	14.8	9.25	13.1	9.75	5.4
9.25	7.7	7.75	9.7	7.00	13.1	5.50	17.1	7.00	17.4	7.75	16.3	7.75	16.8	8.50	15.1	7.75	17.0	9.25	13.5	9.75	13.1	9.75	5.4
9.50	7.7	8.00	9.3	8.00	12.5	5.75	16.6	7.25	16.6	8.00	15.7	8.00	16.1	8.75	14.4	8.00	15.9	9.50	13.0	9.75	12.7	10.00	6.3
8.25	9.1	9.00	11.8	6.00	11.8	6.00	16.4	7.50	16.1	8.25	15.0	8.25	15.1	9.00	13.6	8.25	15.1	9.75	12.7	9.75	14.3	10.00	12.6
8.50	8.9	10.00	10.9	6.25	10.9	6.25	15.8	7.75	15.7	8.50	14.1	8.50	14.5	9.25	13.1	8.50	14.3	8.75	13.6	9.25	12.8	9.75	13.1
8.75	8.6	10.25	9.9	6.50	15.8	8.00	15.1	8.75	15.4	9.00	12.8	9.00	13.3	9.75	12.8	9.00	12.6	9.75	13.1	10.00	12.3	10.00	11.7
9.00	8.6	9.75	7.8	7.00	13.8	6.75	15.5	8.25	14.4	9.00	12.8	9.00	13.8	9.75	13.0	9.00	12.3	9.75	12.5	9.80	12.2	9.75	13.1

LAKE# 305 TEMPERATURE PROFILES FOR 1987

MAY 12		MAY 25		JUN 9		JUL 7		JUL 21		AUG 4		AUG 18		SEP 1		SEP 15		SEP 29		OCT 13		OCT 27					
DAY# 132		DAY# 146		DAY# 160		DAY# 174		DAY# 188		DAY# 202		DAY# 216		DAY# 230		DAY# 244		DAY# 258		DAY# 272		DAY# 286		DAY# 300			
DEPTH	TEMP																										
(M)	(C)																										
0.00	12.0	0.00	12.8	1.00	17.2	2.00	12.8	3.00	17.1	4.00	12.2	5.00	11.0	6.00	14.5	7.00	10.8	8.00	14.9	9.00	11.1	7.00	12.0	5.00	11.8		
1.00	12.0	1.00	12.8	2.00	17.2	3.00	12.8	4.00	12.2	5.00	11.0	6.00	14.5	7.00	10.8	8.00	14.9	9.00	11.1	7.00	12.0	5.00	11.8	4.00	11.5		
2.00	12.0	2.00	12.8	3.00	12.8	4.00	12.2	5.00	11.0	6.00	14.5	7.00	10.8	8.00	14.9	9.00	11.1	7.00	12.0	5.00	11.8	4.00	11.5	3.00	11.2		
3.00	12.0	3.00	12.8	4.00	12.2	5.00	11.0	6.00	14.5	7.00	10.8	8.00	14.9	9.00	11.1	7.00	12.0	5.00	11.8	4.00	11.5	3.00	11.2	2.00	11.0		
4.00	12.0	5.00	12.0	6.00	11.8	7.00	10.8	8.00	11.3	9.00	10.4	10.00	10.4	11.00	11.5	12.00	12.5	13.00	13.5	14.00	14.5	15.00	15.5	16.00	16.5	17.00	17.5
5.00	12.0	6.00	11.8	6.00	11.6	7.00	10.8	7.50	11.5	8.00	11.5	9.00	10.4	10.00	10.4	11.00	11.5	12.00	12.5	13.00	13.5	14.00	14.5	15.00	15.5	16.00	16.5
6.00	12.0	7.00	10.8	7.00	10.8	7.50	11.5	8.00	11.5	9.00	10.4	10.00	10.4	11.00	11.5	12.00	12.5	13.00	13.5	14.00	14.5	15.00	15.5	16.00	16.5	17.00	17.5
7.00	12.0	8.00	11.0	7.00	10.8	7.50	11.5	8.00	11.5	9.00	10.4	10.00	10.4	11.00	11.5	12.00	12.5	13.00	13.5	14.00	14.5	15.00	15.5	16.00	16.5	17.00	17.5
8.00	12.0	9.00	9.00	7.00	10.8	7.50	11.5	8.00	11.5	9.00	10.4	10.00	10.4	11.00	11.5	12.00	12.5	13.00	13.5	14.00	14.5	15.00	15.5	16.00	16.5	17.00	17.5
9.00	12.0	10.00	8.9	10.00	10.6	6.25	12.9	6.50	13.7	7.00	13.5	7.50	16.7	7.75	15.6	7.75	15.6	8.00	14.9	8.00	14.9	8.25	15.2	8.50	14.7	8.75	15.3
10.00	12.0	11.00	8.3	11.00	10.1	6.50	13.7	6.75	16.4	7.00	15.4	7.50	16.7	7.75	15.6	8.00	14.9	8.25	15.2	8.50	14.7	8.75	15.3	9.00	14.5	9.25	15.1
11.00	12.0	12.00	7.7	11.25	9.7	6.75	13.5	6.75	16.4	7.00	15.4	7.50	16.7	7.75	15.6	8.00	14.9	8.25	15.2	8.50	14.7	8.75	15.3	9.00	14.5	9.25	15.1
12.00	12.0	13.00	7.4	11.50	8.7	7.00	13.5	7.25	16.6	7.50	15.6	7.75	15.6	8.00	14.9	8.25	15.2	8.50	14.7	8.75	15.3	9.00	14.5	9.25	15.1	9.75	15.0
13.00	12.0	14.00	6.7	11.75	8.3	7.25	13.5	7.50	15.6	7.75	15.6	8.00	14.9	8.25	15.2	8.50	14.7	8.75	15.3	9.00	14.5	9.25	15.1	9.75	15.0	10.25	15.3
14.00	12.0	15.00	6.7	12.00	7.9	7.50	15.9	7.50	14.2	8.00	14.6	8.25	15.2	8.50	14.7	8.75	15.3	9.00	14.5	9.25	15.1	9.75	15.0	10.25	15.3	10.75	15.6
15.00	12.0	16.00	6.5	12.25	7.9	7.50	12.3	8.00	13.7	8.25	13.7	8.50	14.6	8.75	15.2	9.00	14.7	8.75	15.3	9.00	14.5	9.25	15.1	9.75	15.0	10.25	15.3
16.00	12.0	17.00	6.0	12.50	6.9	8.00	12.1	9.00	11.9	9.00	12.9	9.00	13.1	9.00	13.6	9.25	13.2	10.00	12.3	11.00	10.7	11.25	11.5	12.00	12.3	12.50	12.8
17.00	12.0	18.00	5.8	12.75	6.8	9.00	11.9	9.75	12.5	9.00	12.9	9.00	13.1	9.00	13.6	9.25	13.2	10.00	12.3	11.00	10.7	11.25	11.5	12.00	12.3	12.50	12.8
18.00	12.0	19.00	5.6	13.00	6.6	10.00	10.9	7.00	14.0	8.00	12.8	9.00	12.5	9.00	13.1	9.25	13.2	10.00	12.3	11.00	10.7	11.25	11.5	12.00	12.3	12.50	12.8
19.00	12.0	20.00	5.4	13.25	6.4	10.00	10.7	7.25	13.5	8.00	12.5	9.00	12.3	9.00	13.1	9.25	13.2	10.00	12.3	11.00	10.7	11.25	11.5	12.00	12.3	12.50	12.8
20.00	12.0	21.00	5.2	13.50	5.4	17.00	6.1	8.75	11.9	10.25	10.7	11.00	10.3	11.00	10.9	11.75	9.7	12.00	9.9	12.75	10.2	13.00	10.5	13.25	10.8	13.50	11.1
21.00	12.0	22.00	5.0	13.75	5.2	17.00	5.9	9.00	11.6	10.50	10.4	11.50	9.9	11.50	10.5	12.25	9.1	12.50	9.3	13.00	9.6	13.25	9.9	13.50	10.2	13.75	10.5
22.00	12.0	23.00	4.8	14.00	5.0	19.00	5.8	10.00	11.1	10.75	10.4	11.50	9.6	11.50	10.1	12.25	8.3	12.50	8.5	13.00	8.8	13.25	9.1	13.50	9.4	13.75	9.7
23.00	12.0	24.00	4.6	14.25	4.8	20.00	5.5	10.00	11.0	10.75	10.4	11.50	9.7	11.50	10.1	12.25	7.5	12.50	7.7	13.00	8.0	13.25	8.3	13.50	8.6	13.75	8.9
24.00	12.0	25.00	4.4	14.50	4.6	21.00	5.3	10.00	10.8	10.75	10.4	11.50	9.8	11.50	10.1	12.25	6.7	12.50	6.9	13.00	7.2	13.25	7.5	13.50	7.8	13.75	8.1
25.00	12.0	26.00	4.2	14.75	4.4	22.00	5.1	10.00	10.6	10.75	10.4	11.50	9.9	11.50	10.1	12.25	5.9	12.50	6.1	13.00	6.4	13.25	6.7	13.50	7.0	13.75	7.3
26.00	12.0	27.00	4.0	15.00	4.2	23.00	4.9	10.00	10.4	10.75	10.4	11.50	10.0	11.50	10.1	12.25	5.1	12.50	5.3	13.00	5.6	13.25	5.9	13.50	6.2	13.75	6.5
27.00	12.0	28.00	3.8	15.25	4.0	24.00	4.7	10.00	10.2	10.75	10.4	11.50	9.9	11.50	10.1	12.25	4.3	12.50	4.5	13.00	4.8	13.25	5.1	13.50	5.4	13.75	5.7
28.00	12.0	29.00	3.6	15.50	3.8	25.00	4.5	10.00	10.0	10.75	10.4	11.50	9.8	11.50	10.1	12.25	3.5	12.50	3.7	13.00	4.0	13.25	4.3	13.50	4.6	13.75	4.9
29.00	12.0	30.00	3.4	15.75	3.6	26.00	4.3	10.00	9.8	10.75	10.4	11.50	9.7	11.50	10.1	12.25	2.7	12.50	2.9	13.00	3.2	13.25	3.5	13.50	3.8	13.75	4.1
30.00	12.0	31.00	3.2	16.00	3.4	27.00	4.1	10.00	9.6	10.75	10.4	11.50	9.6	11.50	10.1	12.25	1.9	12.50	2.1	13.00	2.4	13.25	2.7	13.50	3.0	13.75	3.3
31.00	12.0	31.25	3.1	16.25	3.3	28.00	4.0	10.00	9.4	10.75	10.4	11.50	9.5	11.50	10.1	12.25	1.2	12.50	1.4	13.00	1.7	13.25	2.0	13.50	2.3	13.75	2.6
31.25	12.0	32.00	3.0	16.50	3.2	29.00	3.9	10.00	9.2	10.75	10.4	11.50	9.4	11.50	10.1	12.25	0.5	12.50	0.7	13.00	1.0	13.25	1.3	13.50	1.6	13.75	1.9
32.00	12.0	32.00	2.9	16.75	3.1	30.00	3.8	10.00	9.0	10.75	10.4	11.50	9.3	11.50	10.1	12.25	-0.2	12.50	-0.4	13.00	-0.7	13.25	-1.0	13.50	-1.3	13.75	-1.6

TABLE# 373 TEMPERATURE PROFILES FOR 1997

MAY 6 DAY# 126	JUN 8 DAY# 159			JUL 6 DAY# 187			JUL 25 DAY# 204			AUG 4 DAY# 216			AUG 19 DAY# 231			SEP 1 DAY# 243			SEP 17 DAY# 260			SEP 29 DAY# 272			OCT 21 DAY# 294						
	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)			
0.00	12.3	0.00	17.3	0.00	22.4	0.00	21.8	0.00	20.5	0.00	23.1	0.00	20.8	0.00	18.3	0.00	17.3	0.00	15.4	0.00	8.3	0.00	15.4	1.00	15.4	1.00	8.2				
1.00	12.3	1.00	17.3	1.00	22.4	1.00	21.3	1.00	20.5	1.00	23.1	1.00	20.8	1.00	18.4	1.00	17.2	1.00	15.4	2.00	15.4	2.00	8.1	1.00	15.4	3.00	8.1	1.00	8.1		
2.00	12.2	2.00	17.3	2.00	22.4	2.00	21.1	2.00	20.4	2.00	23.1	2.00	20.8	2.00	18.4	2.00	17.2	2.00	15.4	4.00	15.4	4.00	8.0	2.00	15.4	5.00	8.0	2.00	8.0		
3.00	12.2	3.00	17.2	3.00	22.4	3.00	21.0	3.00	20.3	3.00	23.1	3.00	20.8	3.00	18.4	3.00	17.2	3.00	15.4	4.00	15.4	4.00	8.0	3.00	15.4	5.00	8.0	3.00	8.0		
4.00	12.1	4.00	17.1	4.00	22.4	4.00	20.9	4.00	20.2	4.00	23.1	4.00	20.8	4.00	18.4	4.00	17.2	4.00	15.4	5.00	15.4	5.00	8.0	4.00	15.4	5.00	8.0	4.00	8.0		
5.00	11.3	5.00	16.2	4.25	21.9	5.00	20.0	5.00	20.5	5.00	23.0	5.00	20.7	5.00	18.4	5.00	17.2	5.00	15.4	6.00	15.4	6.00	8.0	5.00	15.4	6.00	8.0	5.00	8.0		
6.00	10.9	6.00	15.7	4.50	20.4	5.25	20.1	6.00	19.9	4.50	23.0	6.00	20.7	6.00	18.4	6.00	17.0	6.00	15.4	7.00	15.4	7.00	8.0	6.00	15.4	7.00	8.0	6.00	8.0		
7.00	10.5	5.50	15.4	4.75	19.6	5.50	19.8	7.00	19.0	4.75	22.5	7.00	20.6	7.00	18.4	7.00	16.9	7.00	15.4	8.00	15.4	9.00	8.0	5.50	15.4	7.00	8.0	5.50	8.0		
7.25	9.8	5.75	15.0	5.00	19.5	5.75	19.5	7.25	18.3	5.00	22.0	7.25	20.5	8.00	18.4	8.00	16.8	8.00	15.4	9.00	15.4	10.00	8.0	5.75	15.4	7.00	8.0	5.75	8.0		
7.50	9.8	6.00	13.9	5.25	19.1	6.00	19.1	7.50	16.9	5.25	21.9	7.50	20.4	8.25	18.1	9.00	16.5	9.00	15.4	10.00	15.4	11.00	8.0	6.00	15.4	7.00	8.0	6.00	8.0		
7.75	9.6	7.00	13.3	5.50	18.1	6.25	17.7	7.75	15.8	5.50	21.7	7.75	19.1	8.50	18.1	9.25	16.2	10.00	15.4	11.00	15.4	12.00	8.0	7.75	15.4	8.00	15.4	7.75	8.0		
8.00	9.1	8.00	12.8	5.75	17.4	6.50	17.3	8.00	15.4	5.75	21.5	8.00	18.2	8.75	18.0	9.50	16.1	10.25	14.4	12.00	14.4	13.00	8.0	8.00	15.4	9.00	15.4	8.00	8.0		
8.25	8.7	9.00	10.7	6.00	16.8	6.75	16.9	8.25	14.4	6.00	21.2	8.25	17.1	9.00	16.3	9.75	15.8	10.50	13.7	13.00	13.7	14.00	8.0	8.25	15.4	9.00	15.4	8.25	8.0		
8.50	8.3	8.50	10.0	9.00	9.2	6.25	16.2	7.00	14.0	9.50	11.9	7.25	18.8	9.50	13.3	10.25	12.0	11.00	10.8	11.75	9.9	18.00	6.0	8.50	15.4	9.00	15.4	8.50	8.0		
8.75	7.9	11.00	8.0	6.50	15.7	7.25	15.4	8.75	13.2	6.50	20.4	8.75	19.7	9.50	15.0	9.50	14.4	10.25	13.2	11.00	11.4	15.00	7.8	8.75	15.4	9.00	15.4	8.75	8.0		
9.00	7.7	12.00	7.0	6.75	15.5	7.50	15.0	9.00	13.0	6.75	19.7	9.00	14.4	9.75	13.1	10.50	12.5	10.75	11.4	11.50	10.3	17.00	7.2	9.00	15.4	9.00	15.4	9.00	8.0		
10.00	7.4	13.00	6.4	7.00	14.7	7.75	14.4	9.25	12.7	7.00	19.3	9.25	13.8	10.00	12.5	10.75	11.4	11.50	10.3	12.00	9.0	19.00	6.0	10.00	15.4	9.00	15.4	10.00	8.0		
11.00	6.7	14.00	6.0	7.25	14.1	8.00	14.0	9.00	11.9	8.00	19.3	9.00	18.8	9.75	12.8	10.50	11.6	11.25	10.4	12.00	9.2	19.00	5.7	11.00	15.4	9.00	15.4	11.00	8.0		
12.00	5.9	15.00	5.8	7.50	13.9	8.25	13.0	9.75	11.2	7.50	18.2	9.75	12.8	10.50	11.6	11.25	10.75	11.3	10.0	12.25	8.3	19.00	5.6	12.00	15.4	9.00	15.4	12.00	8.0		
13.00	5.5	16.00	5.5	7.75	13.3	8.50	12.7	10.00	11.0	7.75	17.5	10.00	12.3	10.75	11.3	11.00	10.4	11.75	9.6	12.50	8.0	19.00	5.6	13.00	15.4	9.00	15.4	13.00	8.0		
14.00	5.3	17.00	5.4	8.00	13.0	8.75	12.5	10.25	10.0	8.00	16.9	10.25	10.8	11.00	10.8	11.25	10.0	12.00	9.3	12.75	7.8	19.00	5.5	14.00	15.4	9.00	15.4	14.00	8.0		
15.00	5.2	18.00	5.3	8.25	12.6	9.00	11.9	10.50	9.2	8.25	15.7	10.50	10.8	11.50	10.8	11.75	10.3	12.00	9.6	12.25	8.6	19.00	7.0	15.00	15.4	9.00	15.4	15.00	8.0		
16.00	5.1	19.00	5.2	8.50	12.4	9.25	11.3	10.75	9.4	8.50	14.7	10.75	10.3	11.75	10.3	12.00	10.0	11.75	9.1	12.50	8.5	19.00	5.5	16.00	15.4	9.00	15.4	16.00	8.0		
17.00	5.1	20.00	5.2	8.75	12.2	9.50	11.1	11.00	8.2	8.75	14.2	11.00	10.0	12.00	10.0	11.75	9.5	12.75	8.2	13.00	7.6	19.00	5.4	17.00	15.4	9.00	15.4	17.00	8.0		
18.00	5.1	21.00	5.1	9.00	11.9	9.75	10.7	12.00	7.5	9.00	13.7	12.00	9.5	13.00	9.5	12.00	8.8	12.75	8.2	13.00	7.9	19.00	5.3	18.00	15.4	9.00	15.4	18.00	8.0		
19.00	5.0	22.00	5.0	9.25	11.2	10.00	10.3	12.00	6.9	9.25	13.0	11.50	8.8	12.25	8.5	12.50	8.2	14.00	7.9	13.00	7.6	19.00	5.2	19.00	15.4	9.00	15.4	19.00	8.0		
20.00	5.0	23.00	5.0	9.50	10.7	10.25	9.8	12.00	6.3	9.50	12.3	11.75	9.8	12.00	9.8	12.00	8.6	12.75	8.2	14.00	7.7	13.00	7.4	19.00	5.1	20.00	15.4	9.00	15.4	20.00	8.0
21.00	4.9	24.00	4.9	9.75	10.2	10.50	9.4	12.00	5.9	10.00	15.0	12.00	9.5	12.00	9.5	12.00	8.3	12.75	7.9	13.00	7.1	19.00	5.0	21.00	15.4	9.00	15.4	21.00	8.0		
22.00	4.8	25.00	4.8	10.00	9.7	10.75	9.1	12.00	5.5	10.00	15.5	12.00	9.1	12.00	9.1	12.00	8.1	12.75	7.7	13.00	6.9	19.00	4.9	22.00	15.4	9.00	15.4	22.00	8.0		
23.00	4.7	26.00	4.7	10.25	9.0	11.00	8.9	12.00	5.1	10.25	15.7	12.00	8.9	12.00	8.9	12.00	8.1	12.75	7.5	13.00	6.7	19.00	4.8	23.00	15.4	9.00	15.4	23.00	8.0		
24.00	4.6	27.00	4.6	10.50	8.7	11.25	8.4	12.00	4.8	10.50	15.9	12.00	8.4	12.00	8.4	12.00	7.9	12.75	7.3	13.00	6.5	19.00	4.7	24.00	15.4	9.00	15.4	24.00	8.0		
25.00	4.5	28.00	4.5	10.75	8.4	11.50	8.2	12.00	4.3	10.75	16.1	12.00	8.2	12.00	8.2	12.00	7.7	12.75	7.1	13.00	6.3	19.00	4.6	25.00	15.4	9.00	15.4	25.00	8.0		
26.00	4.4	29.00	4.4	11.00	8.1	11.75	7.9	12.00	3.9	11.00	16.3	12.00	7.9	12.00	7.9	12.00	7.5	12.75	6.9	13.00	6.1	19.00	4.5	26.00	15.4	9.00	15.4	26.00	8.0		
27.00	4.3	30.00	4.3	11.25	7.8	12.00	7.6	12.00	3.5	11.25	16.5	12.00	7.6	12.00	7.6	12.00	7.1	12.75	6.7	13.00	5.9	19.00	4.4	27.00	15.4	9.00	15.4	27.00	8.0		
28.00	4.2	31.00	4.2	11.50	7.5	12.25	7.3	12.00	3.1	11.50	16.7	12.00	7.3	12.00	7.3	12.00	6.7	12.75	6.5	13.00	5.7	19.00	4.3	28.00	15.4	9.00	15.4	28.00	8.0		
29.00	4.1	32.00	4.1	11.75	7.2	12.50	7.0	12.00	2.7	11.75	16.9	12.00	7.0	12.00	7.0	12.00	6.3	12.75	6.3	13.00	5.5	19.00	4.2	29.00	15.4	9.00	15.4	29.00	8.0		
30.00	4.0	33.00	4.0	12.00	6.9	12.75	6.7	12.00	2.3	12.00	17.1	12.00	6.7	12.00	6.7	12.00	5.9	12.75	6.1	13.00	5.3	19.00	4.1	30.00	15.4	9.00	15.4	30.00	8.0		
31.00</																															

LAKE# 374 TEMPERATURE PROFILES FOR 1987

MAY 28 DAY# 148	JUN 8 DAY# 159			JUN 26 DAY# 177			JUL 6 DAY# 187			JUL 23 DAY# 204			AUG 3 DAY# 215			AUG 17 DAY# 229			SEP 1 DAY# 243			SEP 18 DAY# 251			SEP 28 DAY# 271			OCT 20 DAY# 295		
	DEPTH TEMP (M)	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (M)	DEPTH TEMP (C)	DEPTH TEMP (M)	DEPTH TEMP (M)	DEPTH TEMP (C)			
0.00	13.4	0.00	14.6	0.00	20.9	1.00	22.2	0.00	20.8	0.00	22.7	1.00	22.7	0.00	20.4	0.00	18.0	0.00	16.3	0.00	15.4	0.00	15.4	0.00	8.1					
1.00	13.2	1.00	14.5	1.00	20.9	1.00	21.5	2.00	20.1	2.00	22.7	2.00	20.6	1.00	18.1	2.00	18.1	2.00	16.5	1.00	15.4	1.00	15.4	1.00	8.3					
2.00	13.0	2.00	14.5	2.00	20.9	3.00	21.2	3.00	20.0	3.00	22.7	3.00	20.6	3.00	18.1	3.00	18.1	3.00	16.5	3.00	15.4	2.00	15.4	2.00	8.4					
3.00	12.9	3.00	14.5	3.00	20.9	4.00	21.1	4.00	19.8	4.00	22.7	4.00	20.6	4.00	18.1	4.00	16.5	4.00	15.4	3.00	15.4	3.00	8.5							
4.00	11.8	4.00	14.5	4.00	20.9	5.00	20.5	5.00	19.8	5.00	22.7	5.00	20.6	5.00	18.1	5.00	16.5	5.00	15.4	4.00	15.4	4.00	8.5							
4.25	11.2	5.00	14.3	4.25	20.9	5.00	19.5	6.00	19.6	6.00	19.6	6.00	19.6	6.00	19.6	6.00	18.1	6.00	16.5	6.00	15.4	5.00	15.4	5.00	8.5					
4.50	10.9	6.00	13.9	4.50	20.9	5.25	19.5	5.25	19.4	5.25	19.3	6.25	21.1	7.00	20.6	7.00	18.1	7.00	16.6	7.00	15.4	6.00	15.4	6.00	8.5					
4.75	10.6	7.00	13.5	4.75	20.7	5.00	19.5	5.75	18.9	8.00	19.1	6.50	20.6	8.00	20.6	8.00	18.1	8.00	16.6	8.00	15.4	6.00	15.4	6.00	8.5					
5.00	10.4	7.25	13.3	5.00	19.5	6.00	18.5	6.25	19.0	6.75	20.3	8.25	20.6	9.00	18.1	9.00	16.6	9.00	15.4	9.00	15.4	9.00	15.4	9.00	8.5					
5.25	10.0	7.50	13.5	5.25	19.2	5.50	18.7	6.25	17.7	8.50	18.9	7.00	20.0	8.50	20.6	10.00	18.1	10.00	16.6	10.00	15.4	10.00	15.4	10.00	8.5					
5.50	9.8	7.75	12.6	5.50	18.7	6.25	17.7	8.75	18.5	8.00	19.3	8.75	18.6	8.00	19.3	8.75	18.6	11.00	18.1	11.00	16.5	11.00	15.4	11.00	8.5					
5.75	9.7	8.00	11.8	5.75	18.0	6.50	17.3	8.75	18.5	8.00	19.3	8.75	18.6	9.00	19.4	9.00	19.4	11.25	16.9	11.25	14.8	11.25	14.8	12.00	8.5					
6.00	9.4	9.00	11.4	6.00	17.4	6.75	17.0	7.00	18.0	9.00	18.0	9.25	16.3	9.25	16.5	11.50	15.9	11.50	14.6	11.50	14.6	13.00	8.5							
7.00	9.8	10.00	10.9	6.25	16.6	7.00	16.9	9.25	16.3	9.50	17.1	9.50	16.8	9.50	15.6	11.75	14.9	11.75	14.2	11.75	14.3	14.00	8.5							
8.00	7.7	11.00	9.9	6.50	16.4	7.25	16.0	9.50	13.4	9.50	13.4	9.75	13.8	9.75	13.8	12.00	13.0	12.00	12.6	12.00	13.5	15.00	8.5							
9.00	9.4	12.00	9.3	6.75	15.8	7.50	15.1	9.75	15.1	10.00	12.3	10.25	14.4	10.00	14.4	12.25	12.3	12.25	11.0	12.25	12.7	16.00	8.5							
10.00	9.4	13.00	9.0	7.00	15.4	7.75	14.7	8.00	14.4	10.25	11.8	10.25	14.4	10.25	14.0	12.50	11.5	12.50	10.6	12.50	12.1	17.00	8.5							
11.00	9.3	14.00	8.8	7.25	15.0	8.00	14.4	8.25	14.1	10.50	11.3	10.50	13.7	10.50	13.8	12.75	11.1	12.75	10.3	12.75	11.4	18.00	8.4							
12.00	9.1	15.00	7.8	7.50	14.5	8.25	14.1	8.50	13.8	10.75	11.2	10.75	13.2	10.75	13.5	13.00	10.6	13.00	10.1	13.00	10.9	19.00	8.1							
13.00	8.9	16.00	7.4	7.75	14.2	8.50	13.8	10.75	13.8	11.00	12.7	11.00	13.5	11.00	13.5	13.50	10.2	14.00	9.5	13.50	10.5	20.00	7.9							
14.00	8.8	17.00	6.9	8.00	13.7	8.75	13.4	9.00	13.2	12.00	10.2	11.25	12.1	11.25	12.4	13.75	9.8	15.00	9.1	15.50	10.0	21.00	6.8							
15.00	8.7	18.00	6.7	9.00	12.5	9.00	12.5	10.00	11.3	10.00	12.2	13.00	9.7	11.50	11.7	11.50	12.4	13.75	9.8	16.00	8.6	17.75	9.9	22.00	6.5					
16.00	8.5	19.00	6.5	10.00	11.3	10.00	11.3	11.00	11.5	14.00	9.1	11.75	11.4	11.75	12.0	14.00	9.5	17.00	8.2	14.00	9.5	23.00	6.4							
17.00	8.4	20.00	6.4	11.00	10.8	11.00	10.8	11.00	11.5	12.00	10.7	15.00	8.8	12.00	11.4	15.00	9.0	18.00	7.8	15.00	8.1	23.25	6.4							
18.00	8.2	21.00	6.4	12.00	10.5	12.00	10.5	12.00	10.7	17.00	7.7	20.00	7.4	17.00	8.2	20.00	7.5	22.00	6.7	19.00	7.6	27.00	6.4							
19.00	8.0	22.00	6.4	13.00	9.9	13.00	9.9	16.00	8.5	12.25	10.6	13.00	10.5	16.00	8.5	19.00	7.5	16.00	8.6	17.00	8.2	28.00	6.4							
20.00	7.6	23.00	6.4	14.00	9.5	14.00	9.5	17.00	8.2	12.50	10.3	14.00	10.0	17.00	8.2	20.00	7.3	17.00	8.2	18.00	7.9	29.00	6.4							
21.00	7.7	23.50	6.5	15.00	9.2	15.00	8.7	18.00	7.9	12.75	10.0	15.00	9.7	18.00	7.9	21.00	7.0	18.00	7.9	20.00	7.3	30.30	6.4							
22.00	6.7	22.75	6.5	16.00	8.7	16.00	8.7	19.00	7.6	13.00	9.8	16.00	9.1	19.00	7.6	22.00	7.1	19.00	7.5	21.00	7.1	25.00	6.4							
22.70	6.5	17.00	6.5	17.00	7.3	17.00	7.3	21.00	7.0	14.00	9.0	17.00	8.2	20.00	7.5	23.00	6.7	20.00	7.2	21.00	6.9	25.25	6.4							
18.00	7.9	18.00	7.1	18.00	7.1	18.00	7.1	21.00	7.0	15.00	8.6	18.00	7.8	21.00	7.3	22.00	6.8	21.00	6.9	22.00	6.8	25.00	6.4							
19.00	7.8	19.00	7.0	19.00	7.0	19.00	7.0	22.00	6.6	16.00	8.0	19.00	7.5	22.00	7.1	23.00	6.8	21.00	6.5	22.00	6.4	25.00	6.4							
20.00	7.1	20.00	6.7	20.00	6.7	20.00	6.7	22.75	6.5	17.00	7.4	20.00	7.1	23.00	6.7	23.00	6.7	21.00	6.1	22.00	6.1	25.00	6.2							
21.00	6.9	21.00	6.5	21.00	6.5	21.00	6.5	22.00	6.2	16.00	6.2	19.00	7.1	21.00	6.7	22.00	6.2	20.00	6.5	21.00	6.3	23.00	6.1							
22.00	6.7	22.00	6.7	22.00	6.7	22.00	6.7	23.00	6.2	16.00	6.2	19.00	6.8	22.00	6.5	22.00	6.2	20.00	6.5	21.00	6.3	23.00	6.1							
22.75	6.5	23.00	6.5	23.00	6.5	23.00	6.5	24.00	6.2	16.00	6.2	19.00	6.8	22.00	6.5	22.00	6.2	20.00	6.5	21.00	6.3	23.00	6.1							

LAKE# 375 TEMPERATURE PROFILES FOR 1987

DAY#	JUN 25			JUL 6			JUL 23			AUG 4			AUG 19			AUG 231			SEP 1			SEP 17			SEP 21			CCT 21		
	131	DAY#	176	DAY#	187	DAY#	204	DAY#	216	DAY#	216	DAY#	216	DAY#	216	DAY#	243	DAY#	243	DAY#	271	DAY#	271	DAY#	271	DAY#	294			
DEPTH	TEMP	(M)	(C)	DEPTH	TEMP	(M)	(C)	DEPTH	TEMP	(M)	(C)	DEPTH	TEMP	(M)	(C)	DEPTH	TEMP	(M)	(C)	DEPTH	TEMP	(M)	(C)	DEPTH	TEMP	(M)	(C)			
0.00	13.6	0.00	22.9	0.00	20.8	0.00	21.2	0.00	25.6	0.00	21.1	0.00	18.3	0.00	18.3	0.00	17.3	0.00	15.3	0.00	15.3	0.00	15.3	0.00	15.3	0.00	7.5			
1.00	13.6	1.00	22.9	1.00	21.0	1.00	21.0	1.00	23.6	1.00	21.0	1.00	18.3	1.00	18.3	1.00	17.3	1.00	15.3	1.00	15.3	1.00	15.3	1.00	7.4					
2.00	13.6	2.00	22.9	2.00	21.0	2.00	20.8	2.00	23.6	2.00	20.8	2.00	18.3	2.00	18.3	2.00	17.3	2.00	15.3	2.00	15.3	2.00	15.3	2.00	7.4					
3.00	13.5	3.00	22.8	3.00	20.9	3.00	20.5	3.00	25.5	3.00	20.7	3.00	18.3	3.00	18.3	3.00	17.2	3.00	15.3	3.00	15.3	3.00	15.3	3.00	7.4					
4.00	13.5	3.25	22.7	4.00	20.2	4.00	20.4	3.25	23.2	4.00	20.7	4.00	18.3	4.00	17.0	4.00	15.3	4.00	15.3	4.00	15.3	4.00	15.3	4.00	7.4					
4.25	13.5	3.50	22.6	4.25	19.8	5.00	20.0	3.50	23.0	5.00	20.6	5.00	18.2	5.00	16.9	5.00	15.3	5.00	15.3	5.00	15.3	5.00	15.3	5.00	7.4					
4.75	12.5	4.75	21.4	4.75	19.5	5.25	19.9	4.75	22.5	6.00	20.7	6.00	17.9	6.00	16.8	6.00	15.2	6.00	15.2	6.00	15.2	6.00	15.2	6.00	7.4					
4.75	12.6	4.75	20.2	4.75	19.0	5.25	19.3	4.75	22.2	7.00	18.8	7.00	17.2	7.00	16.2	7.00	15.2	7.00	15.2	7.00	15.2	7.00	15.2	7.00	7.4					
5.00	12.4	4.25	19.1	5.00	18.0	5.25	17.3	4.25	21.9	7.25	17.4	7.25	16.1	7.25	15.8	7.25	14.6	8.00	14.6	8.00	14.6	8.00	14.6	8.00	7.4					
5.25	11.7	4.50	18.1	5.25	17.0	6.00	16.5	4.50	21.4	7.50	16.4	7.50	13.9	7.50	15.5	8.25	13.9	9.00	13.9	9.00	13.9	9.00	13.9	9.00	7.4					
5.50	11.5	4.75	17.4	5.50	16.6	6.25	15.6	4.75	21.1	7.75	15.7	7.75	13.1	7.75	15.9	8.25	13.3	10.00	13.3	10.00	13.3	10.00	13.3	10.00	7.4					
5.75	10.9	5.00	16.6	5.75	15.7	6.50	14.9	5.00	20.6	8.00	15.4	8.00	11.4	8.00	13.8	8.00	13.8	8.75	12.3	11.00	12.3	11.00	12.3	11.00	12.3	7.4				
6.00	10.6	5.25	15.7	6.00	14.7	6.75	14.1	5.25	20.0	8.25	14.6	8.25	10.7	8.25	12.8	9.00	10.7	12.00	12.00	12.00	12.00	12.00	12.00	12.00	7.3					
6.25	10.2	5.50	15.2	6.25	13.7	7.00	13.4	5.50	19.4	8.50	14.3	8.50	10.0	8.50	11.1	9.25	9.3	13.00	9.3	13.00	9.3	13.00	9.3	13.00	9.3	6.4				
6.50	9.6	5.75	14.6	6.50	14.6	6.75	12.8	5.75	12.7	7.75	18.7	8.75	12.5	8.75	9.7	8.75	10.4	9.50	8.8	14.00	8.8	14.00	8.8	14.00	8.8	14.00	8.8	5.5		
6.75	9.1	6.00	14.0	6.75	12.8	7.50	11.6	6.00	17.9	9.00	11.7	9.00	9.2	9.00	9.2	9.00	9.2	9.75	8.3	15.00	8.3	15.00	8.3	15.00	8.3	15.00	8.3	5.2		
7.00	8.5	6.25	13.8	7.00	12.1	7.75	11.0	6.25	17.3	9.25	11.0	9.25	10.2	9.25	10.2	9.25	10.5	9.50	8.3	9.50	8.3	9.50	8.3	9.50	8.3	9.50	8.3	4.9		
7.25	7.7	6.50	13.2	7.25	11.4	8.00	10.5	6.50	15.1	9.50	10.2	9.50	10.2	9.50	10.2	9.50	10.5	12.00	6.4	12.00	6.4	12.00	6.4	12.00	6.4	12.00	6.4	4.5		
7.50	7.2	6.75	12.5	7.50	11.1	8.25	9.6	6.75	14.3	9.75	9.6	9.75	7.7	9.75	7.7	9.75	8.2	10.50	7.2	10.50	7.2	10.50	7.2	10.50	7.2	10.50	7.2	4.7		
7.75	6.9	7.00	11.2	7.75	10.5	8.50	9.2	7.00	13.5	10.00	9.1	10.00	7.4	10.00	7.4	10.00	7.4	11.00	6.5	11.00	6.5	11.00	6.5	11.00	6.5	11.00	6.5	4.6		
8.00	6.7	7.25	10.7	8.00	9.8	8.75	8.6	7.25	12.4	10.25	8.6	10.25	8.6	10.25	8.6	10.25	8.6	11.00	6.5	11.00	6.5	11.00	6.5	11.00	6.5	11.00	6.5	4.6		
8.25	6.1	7.50	10.1	8.25	9.8	9.00	8.1	7.50	11.5	10.50	8.1	10.50	8.1	10.50	8.1	10.50	8.1	12.00	6.4	12.00	6.4	12.00	6.4	12.00	6.4	12.00	6.4	4.5		
8.50	6.0	7.75	9.7	8.50	8.6	9.25	7.7	7.75	10.8	10.75	7.5	10.75	7.5	10.75	7.5	10.75	7.5	13.00	5.9	13.00	5.9	13.00	5.9	13.00	5.9	13.00	5.9	4.4		
8.75	5.7	8.00	8.9	8.75	8.3	9.50	7.7	8.00	10.3	11.00	7.0	11.00	7.0	11.00	7.0	11.00	7.0	14.00	5.4	14.00	5.4	14.00	5.4	14.00	5.4	14.00	5.4	4.4		
9.00	5.6	8.25	8.5	9.00	7.9	9.75	7.0	8.25	9.8	12.00	6.2	12.00	6.2	12.00	6.2	12.00	6.2	15.00	5.0	15.00	5.0	15.00	5.0	15.00	5.0	15.00	5.0	4.4		
10.00	5.1	8.50	8.1	9.25	7.2	9.50	7.1	11.00	6.0	8.75	8.9	14.00	5.0	13.00	5.7	13.00	5.7	16.00	4.9	16.00	4.9	16.00	4.9	16.00	4.9	16.00	4.9	4.8		
11.00	4.9	8.75	7.7	9.50	6.9	12.00	5.6	9.50	7.4	8.00	8.5	15.00	4.9	14.00	4.9	14.00	4.9	17.00	4.8	17.00	4.8	17.00	4.8	17.00	4.8	17.00	4.8	4.7		
12.00	4.7	9.00	7.5	9.75	6.9	12.00	5.6	9.00	8.5	8.50	8.5	16.00	4.8	15.00	4.8	15.00	4.8	18.00	4.7	18.00	4.7	18.00	4.7	18.00	4.7	18.00	4.7	4.7		
13.00	4.6	10.00	6.3	10.00	6.0	14.00	5.0	9.25	8.0	16.00	4.8	19.00	4.6	19.00	4.6	19.00	4.6	20.00	4.5	20.00	4.5	20.00	4.5	20.00	4.5	20.00	4.5	4.5		
14.00	4.6	11.00	5.5	11.00	6.0	14.00	5.0	9.50	7.7	10.00	4.9	9.75	7.5	18.00	4.6	18.00	4.6	21.00	4.5	21.00	4.5	21.00	4.5	21.00	4.5	21.00	4.5	4.5		
15.00	4.5	12.00	5.3	12.00	5.5	15.00	4.9	9.75	7.5	10.00	4.7	10.00	7.2	19.00	4.5	19.00	4.5	22.00	4.4	22.00	4.4	22.00	4.4	22.00	4.4	22.00	4.4	4.4		
16.00	4.4	13.00	5.1	13.00	5.1	16.00	4.7	10.00	4.6	11.00	6.3	20.00	4.4	20.00	4.4	20.00	4.4	23.00	4.4	23.00	4.4	23.00	4.4	23.00	4.4	23.00	4.4	4.4		
17.00	4.4	14.00	4.8	14.00	4.9	17.00	4.6	11.00	4.5	12.00	5.5	21.00	4.4	21.00	4.4	21.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	4.4		
18.00	4.4	15.00	4.7	15.00	4.8	18.00	4.6	12.00	4.6	13.00	5.2	21.00	4.4	21.00	4.4	21.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	4.4		
19.00	4.3	16.00	4.7	16.00	4.7	19.00	4.5	13.00	4.5	14.00	5.0	21.00	4.4	21.00	4.4	21.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	4.4		
20.00	4.3	17.00	4.5	17.00	4.5	19.00	4.4	14.00	4.4	15.00	5.0	21.00	4.4	21.00	4.4	21.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	4.4		
21.00	4.2	18.00	4.5	18.00	4.5	19.00	4.4	15.00	4.4	16.00	4.8	21.00	4.4	21.00	4.4	21.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	4.4		
22.00	4.2	19.00	4.5	19.00	4.5	20.00	4.4	16.00	4.4	17.00	4.8	21.00	4.4	21.00	4.4	21.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	4.4		
23.00	4.2	20.00	4.4	20.00	4.4	21.00	4.4	17.00	4.4	18.00	4.8	21.00	4.4	21.00	4.4	21.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	24.00	4.4	4.4		
24.00	4.1	21.																												

LAKE# 382 TEMPERATURE PROFILES FOR 1987

MAY 12 DAY# 132	MAY 26 DAY# 146			JUN 9 DAY# 160			JUN 25 DAY# 174			JUL 7 DAY# 188			AUG 18 DAY# 250			SEP 1 DAY# 244			SEP 15 DAY# 258			SEP 29 DAY# 272			OCT 13 DAY# 286			OCT 27 DAY# 300		
	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)	DEPTH (M)	TEMP (C)
0.00	13.4	0.00	11.9	0.00	17.5	0.00	21.8	1.00	24.8	1.00	22.5	1.00	20.6	0.00	20.6	0.00	17.8	0.00	16.7	1.00	17.7	1.00	14.9	1.00	14.8	0.00	8.2	0.00	5.1	
1.00	13.4	1.00	11.9	1.00	17.5	1.00	21.8	2.00	24.8	2.00	21.8	2.00	20.6	2.00	17.7	2.00	16.7	2.00	14.9	2.00	14.9	2.00	14.9	2.00	8.2	2.00	5.1			
2.00	13.4	2.00	11.9	2.00	17.5	3.00	24.7	3.00	21.4	3.00	21.2	3.00	20.6	3.00	17.7	3.00	16.7	3.00	14.9	3.00	14.9	3.00	14.9	3.00	8.2	3.00	5.1			
3.00	13.4	3.00	12.0	3.00	17.4	4.00	21.1	3.25	22.5	3.25	20.8	4.00	20.6	4.00	17.7	4.00	16.5	4.00	14.9	4.00	14.9	4.00	14.9	4.00	8.2	4.00	5.1			
4.00	13.4	4.00	11.8	4.00	17.1	5.00	22.3	3.50	22.2	3.50	20.4	5.00	20.4	5.00	17.7	5.00	16.5	5.00	14.9	5.00	14.9	5.00	14.9	5.00	8.2	5.00	5.1			
5.00	13.5	5.00	11.0	4.25	16.3	6.00	22.5	3.75	20.9	3.75	20.2	5.25	20.4	6.00	17.7	6.00	16.4	6.00	14.9	6.00	14.9	6.00	14.9	6.00	8.2	6.00	5.1			
6.00	13.5	6.00	10.8	4.50	15.6	6.00	20.9	4.00	19.9	4.00	20.0	5.50	20.4	7.00	16.9	7.00	16.2	7.00	14.9	7.00	14.9	7.00	14.9	7.00	8.2	7.00	5.1			
6.25	11.7	6.25	10.7	4.75	14.9	6.25	19.1	4.25	19.1	4.25	19.5	5.75	20.2	7.25	15.3	7.25	15.8	8.00	14.5	8.00	14.5	8.00	14.5	8.00	8.1	8.00	5.1			
6.50	10.8	6.50	10.0	5.00	14.1	6.50	18.1	4.50	19.1	6.00	19.1	7.50	14.0	7.50	15.7	8.25	14.2	9.00	8.1	9.00	8.1	9.00	8.1	9.00	9.00	9.00	5.1			
6.75	10.4	6.00	9.8	5.25	13.4	6.75	13.4	5.50	13.2	4.75	17.4	4.75	18.8	6.25	18.2	7.75	13.1	7.75	15.3	8.50	13.3	10.00	8.1	10.00	8.1	10.00	8.1	10.00	5.1	
7.00	10.1	7.00	9.5	5.50	13.2	6.00	13.0	5.75	13.0	5.00	16.5	5.00	18.0	6.50	16.9	8.00	12.5	8.00	14.3	8.75	12.3	11.00	8.1	11.00	8.1	11.00	8.1	11.00	5.1	
8.00	9.3	8.00	8.9	8.00	8.5	9.00	8.5	6.00	12.6	5.25	15.8	5.25	17.1	6.75	15.6	8.25	11.8	8.25	13.3	9.00	11.7	11.00	8.1	11.00	8.1	11.00	8.1	11.00	5.1	
9.00	8.5	8.25	8.5	9.00	7.9	8.50	8.2	7.00	11.6	5.50	15.3	5.50	16.4	7.00	14.7	8.50	12.7	8.50	12.7	9.25	10.8	12.00	8.1	12.00	8.1	12.00	8.1	12.00	5.1	
10.00	7.9	8.50	8.2	10.00	7.5	8.00	10.6	5.75	14.6	5.75	15.2	7.25	13.8	8.75	10.9	8.75	11.6	9.50	10.3	9.75	10.8	9.75	9.9	9.75	9.9	9.75	9.9	9.75	9.9	
11.00	7.7	8.75	7.5	10.00	7.5	9.00	9.2	6.00	14.2	6.00	14.5	7.50	13.2	9.00	10.4	9.00	10.8	9.75	9.9	9.75	10.5	10.00	9.7	10.00	9.7	10.00	9.7	10.00	9.7	
12.00	7.4	9.00	6.7	9.00	6.7	10.00	8.7	6.25	13.7	6.25	13.9	7.75	12.6	10.00	9.6	9.25	10.5	9.50	10.2	11.00	9.1	11.00	9.1	11.00	9.1	11.00	9.1	11.00	9.1	
12.25	7.0	9.25	6.1	9.25	6.1	11.00	8.2	6.50	13.4	6.50	13.2	8.00	12.0	11.00	9.0	9.50	10.2	9.75	9.9	9.75	9.9	10.00	9.3	10.00	9.3	10.00	9.3	10.00	9.3	
12.50	6.4	9.75	5.5	9.75	5.5	12.00	8.0	6.75	12.9	6.75	12.7	8.25	11.7	12.00	8.7	9.75	10.8	10.00	9.5	9.75	9.9	10.00	9.3	10.00	9.3	10.00	9.3	10.00	9.3	
12.75	5.4	10.00	5.4	10.00	5.4	12.80	7.8	7.00	12.7	7.00	12.4	8.50	11.3	10.00	9.5	10.00	9.5	10.00	9.5	10.00	9.5	10.00	9.5	10.00	9.5	10.00	9.5	10.00	9.5	
13.00	5.3	10.00	5.3	10.00	5.3	12.80	7.8	7.25	12.2	7.25	11.9	8.75	10.9	10.00	9.5	10.00	9.5	10.00	9.5	10.00	9.5	10.00	9.5	10.00	9.5	10.00	9.5	10.00	9.5	
13.25	4.6	10.00	5.4	10.00	5.4	12.80	7.8	7.50	12.0	7.50	11.6	9.00	10.4	10.00	9.5	10.00	9.5	10.00	9.5	10.00	9.5	10.00	9.5	10.00	9.5	10.00	9.5	10.00	9.5	
13.50	4.6	10.00	5.4	10.00	5.4	12.80	7.8	8.00	11.1	8.00	11.0	11.00	9.1	12.00	8.4	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	
13.75	4.6	10.00	5.4	10.00	5.4	12.80	7.8	8.50	10.5	8.50	10.5	10.00	9.1	12.00	8.4	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	
14.00	4.6	10.00	5.4	10.00	5.4	12.80	7.8	8.75	10.0	8.75	10.0	10.00	9.1	12.00	8.4	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	
14.25	4.6	10.00	5.4	10.00	5.4	12.80	7.8	9.00	9.8	9.00	9.8	10.00	9.1	12.00	8.4	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	
14.50	4.6	10.00	5.4	10.00	5.4	12.80	7.8	9.25	9.6	9.25	9.6	10.00	9.1	12.00	8.4	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	
14.75	4.6	10.00	5.4	10.00	5.4	12.80	7.8	9.50	9.4	9.50	9.4	10.00	9.1	12.00	8.4	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	
15.00	4.6	10.00	5.4	10.00	5.4	12.80	7.8	9.75	9.3	9.75	9.3	10.00	9.1	12.00	8.4	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	
15.25	4.6	10.00	5.4	10.00	5.4	12.80	7.8	10.00	9.1	10.00	9.1	10.00	9.1	12.00	8.4	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	
15.50	4.6	10.00	5.4	10.00	5.4	12.80	7.8	10.25	9.0	10.25	9.0	10.00	9.1	12.00	8.4	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	
15.75	4.6	10.00	5.4	10.00	5.4	12.80	7.8	10.50	8.9	10.50	8.9	10.00	9.1	12.00	8.4	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	
16.00	4.6	10.00	5.4	10.00	5.4	12.80	7.8	10.75	8.8	10.75	8.8	10.00	9.1	12.00	8.4	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	
16.25	4.6	10.00	5.4	10.00	5.4	12.80	7.8	11.00	8.7	11.00	8.7	10.00	9.1	12.00	8.4	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	
16.50	4.6	10.00	5.4	10.00	5.4	12.80	7.8	11.25	8.6	11.25	8.6	10.00	9.1	12.00	8.4	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	
16.75	4.6	10.00	5.4	10.00	5.4	12.80	7.8	11.50	8.5	11.50	8.5	10.00	9.1	12.00	8.4	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	
17.00	4.6	10.00	5.4	10.00	5.4	12.80	7.8	11.75	8.4	11.75	8.4	10.00	9.1	12.00	8.4	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	
17.25	4.6	10.00	5.4	10.00	5.4	12.80	7.8	12.00	8.3	12.00	8.3	10.00	9.1	12.00	8.4	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	10.00	9.1	
17.50	4.6	10.00	5.4	10.00	5.4	12.80	7.8	12.25	8.2	12.25	8.2	10.00	9.1																	

