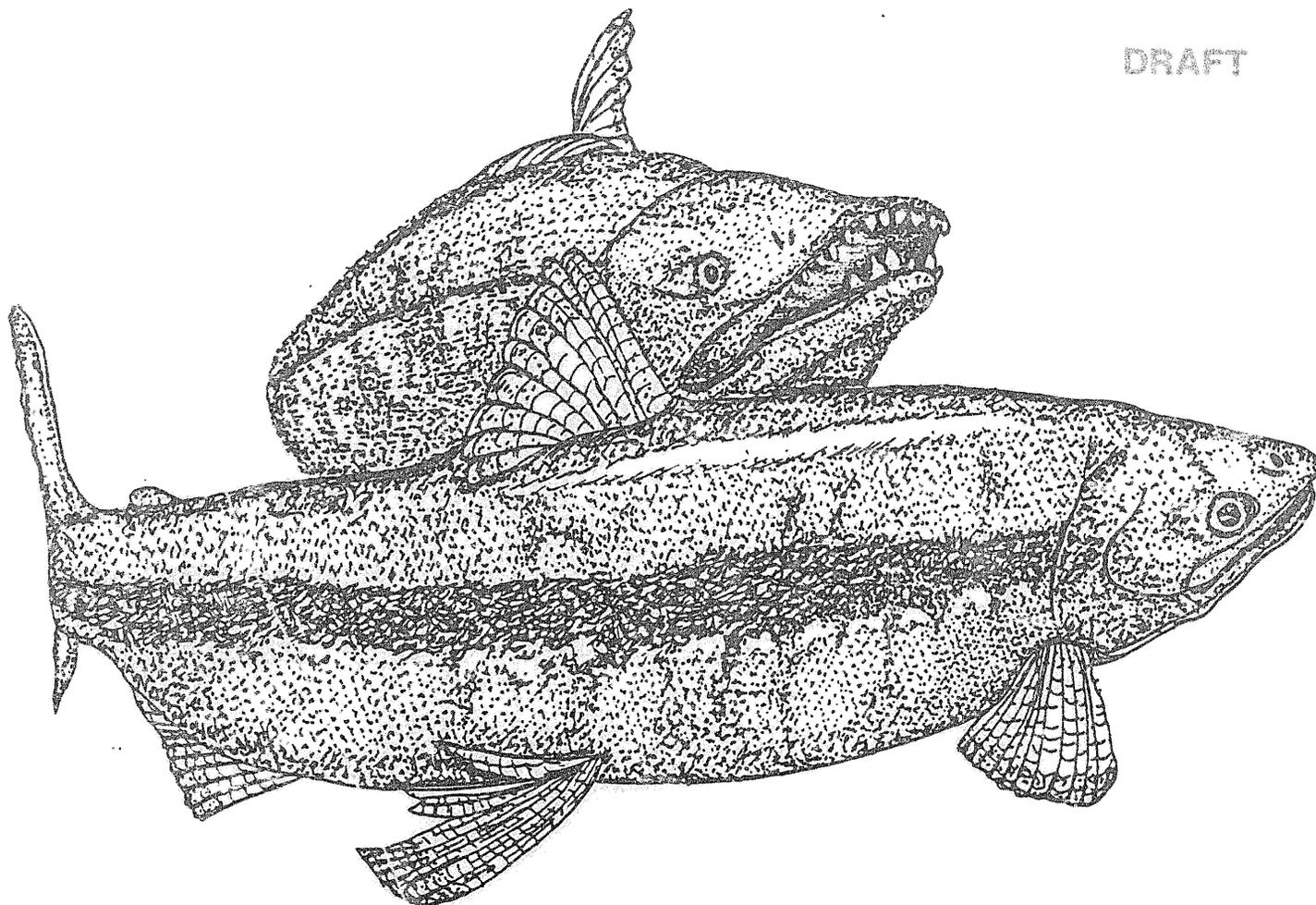


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5 of 7

DRAFT



SUSITNA HYDRO AQUATIC STUDIES
PHASE II BASIC DATA REPORT

Volume 4: Aquatic Habitat and
Instream Flow Studies 1982

Appendix C



ARCTIC... INFORMATION
... CENTER
707 A STREET
ANCHORAGE, AK 99501

-by-

ALASKA DEPARTMENT OF FISH AND GAME
Susitna Hydro Aquatic Studies
2207 Spenard Road
Anchorage, Alaska 99503
1983

Appendix Table 4-C-1 Thermograph data summary, summer surface water temperature (C),
Su Station, RM 25.8, Geocode S17N07W22DCD.

- MAY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	-----	-----	-----	1.9	1.9	1.9	5.4	5.6	5.9
0601 - 1200	-----	-----	-----	-----	-----	-----	1.9	2.1	2.4	5.4	5.7	5.9
1201 - 1800	-----	-----	-----	-----	-----	-----	2.4	2.4	2.4	5.9	6.2	6.4
1801 - 2400	-----	-----	-----	-----	-----	-----	2.4	2.4	2.4	5.9	5.9	5.9
DAILY VALUE	-----	-----	-----	-----	-----	-----	1.9	2.2	2.4	5.4	5.9	6.4
0001 - 0600	-----	-----	-----	-----	-----	-----	2.4	2.4	2.4	5.4	5.6	5.9
0601 - 1200	-----	-----	-----	-----	-----	-----	2.4	2.4	2.4	5.4	5.4	5.4
1201 - 1800	-----	-----	-----	-----	-----	-----	2.9	2.9	2.9	5.4	5.4	5.4
1801 - 2400	-----	-----	-----	-----	-----	-----	2.9	2.9	2.9	4.9	5.2	5.4
DAILY VALUE	-----	-----	-----	-----	-----	-----	2.4	2.7	2.9	4.9	5.4	5.9
0001 - 0600	-----	-----	-----	-----	-----	-----	2.9	2.9	2.9	4.9	4.9	4.9
0601 - 1200	-----	-----	-----	-----	-----	-----	2.9	3.2	3.4	4.9	5.4	5.9
1201 - 1800	-----	-----	-----	-----	-----	-----	3.4	3.4	3.4	5.9	5.9	5.9
1801 - 2400	-----	-----	-----	-----	-----	-----	3.4	3.4	3.4	5.4	5.6	5.9
DAILY VALUE	-----	-----	-----	-----	-----	-----	2.9	3.2	3.4	4.9	5.4	5.9
0001 - 0600	-----	-----	-----	-----	-----	-----	3.4	3.4	3.4	5.4	5.4	5.4
0601 - 1200	-----	-----	-----	-----	-----	-----	3.4	3.4	3.4	5.9	6.1	6.4
1201 - 1800	-----	-----	-----	-----	-----	-----	3.4	3.4	3.4	6.9	6.9	6.9
1801 - 2400	-----	-----	-----	-----	-----	-----	3.4	3.4	3.4	6.9	6.9	6.9
DAILY VALUE	-----	-----	-----	-----	-----	-----	3.4	3.4	3.4	5.4	6.3	6.9
0001 - 0600	-----	-----	-----	-----	-----	-----	2.9	3.1	3.4	6.4	6.4	6.4
0601 - 1200	-----	-----	-----	-----	-----	-----	3.4	3.7	3.9	6.4	6.4	6.4
1201 - 1800	-----	-----	-----	-----	-----	-----	4.4	4.4	4.4	6.4	6.4	6.4
1801 - 2400	-----	-----	-----	-----	-----	-----	4.4	4.4	4.4	5.9	6.2	6.4
DAILY VALUE	-----	-----	-----	-----	-----	-----	2.9	3.9	4.4	5.9	6.4	6.4
0001 - 0600	-----	-----	-----	-----	-----	-----	3.9	3.9	3.9	5.9	5.9	5.9
0601 - 1200	-----	-----	-----	-----	-----	-----	3.9	4.2	4.4	6.4	6.7	6.9
1201 - 1800	-----	-----	-----	-----	-----	-----	4.9	4.9	4.9	7.4	7.7	7.9
1801 - 2400	-----	-----	-----	-----	-----	-----	4.4	4.6	4.9	7.4	7.7	7.9
DAILY VALUE	-----	-----	-----	-----	-----	-----	3.9	4.4	4.9	5.9	7.0	7.9
0001 - 0600	-----	-----	-----	-----	-----	-----	3.9	3.9	3.9	7.4	7.4	7.4
0601 - 1200	-----	-----	-----	-----	-----	-----	4.4	4.7	4.9	7.9	8.4	8.9
1201 - 1800	-----	-----	-----	-----	-----	-----	5.4	5.4	5.4	9.4	9.4	9.4
1801 - 2400	-----	-----	-----	-----	-----	-----	5.4	5.4	5.4	9.4	9.4	9.4
DAILY VALUE	-----	-----	-----	-----	-----	-----	3.9	4.9	5.4	7.4	8.6	9.4
0001 - 0600	-----	-----	-----	-----	-----	-----	5.4	5.4	5.4	-----		
0601 - 1200	-----	-----	-----	-----	-----	-----	5.9	6.2	6.9	MONTHLY VALUE		
1201 - 1800	-----	-----	-----	2.9	2.9	2.9	6.4	6.7	6.9	-----		
1801 - 2400	-----	-----	-----	1.9	2.2	2.4	5.9	6.2	6.4	1.9	-----	9.4
DAILY VALUE	-----	-----	-----	1.9	-----	2.9	5.4	6.1	6.9	-----		

Thermograph data summary, summer surface water temperature (C),
 Yentna Fishwheel, RM 30.1, TRM 4.0, Geocode
 S18N07W34DBC.

- JUNE 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	7.5	7.5	7.5	7.0	7.0	7.0	11.5	11.7	12.0
0601 - 1200	-----	-----	-----	7.5	7.5	7.5	7.0	7.3	7.5	11.5	11.5	11.5
1201 - 1800	-----	-----	-----	7.5	7.8	8.0	8.0	8.2	8.5	12.0	12.2	12.5
1801 - 2400	-----	-----	-----	8.0	8.0	8.0	8.5	8.5	8.5	12.5	12.8	13.0
DAILY VALUE	-----	-----	-----	7.5	7.7	8.0	7.0	7.7	8.5	11.5	12.0	13.0
0001 - 0600	-----	-----	-----	8.0	8.0	8.0	8.5	8.5	8.5	12.0	12.2	12.5
0601 - 1200	-----	-----	-----	7.5	7.5	7.5	8.5	8.7	9.0	11.5	11.7	12.0
1201 - 1800	-----	-----	-----	7.5	7.5	7.5	9.0	9.0	9.0	12.0	12.0	12.0
1801 - 2400	-----	-----	-----	7.0	7.2	7.5	9.0	9.0	9.0	12.0	12.3	12.5
DAILY VALUE	-----	-----	-----	7.0	7.5	8.0	8.5	8.8	9.0	11.5	12.0	12.5
0001 - 0600	-----	-----	-----	6.5	6.8	7.0	9.0	9.0	9.0	11.5	11.8	12.0
0601 - 1200	-----	-----	-----	6.5	6.7	7.0	9.0	9.0	9.0	11.0	11.0	11.0
1201 - 1800	-----	-----	-----	7.0	7.2	7.5	9.5	9.8	10.0	11.0	11.2	11.5
1801 - 2400	-----	-----	-----	7.5	7.5	7.5	10.5	10.5	10.5	11.0	11.3	11.5
DAILY VALUE	-----	-----	-----	6.5	7.0	7.5	9.0	9.6	10.5	11.0	11.3	12.0
0001 - 0600	-----	-----	-----	7.0	7.2	7.5	10.5	10.5	10.5	10.0	10.5	11.0
0601 - 1200	-----	-----	-----	7.0	7.0	7.0	10.5	10.5	10.5	10.0	10.0	10.0
1201 - 1800	-----	-----	-----	7.0	7.5	8.0	10.0	10.0	10.0	10.0	10.3	10.5
1801 - 2400	-----	-----	-----	8.0	8.0	8.0	9.5	9.7	10.0	10.5	10.5	10.5
DAILY VALUE	-----	-----	-----	7.0	7.4	8.0	9.5	10.2	10.5	10.0	10.3	11.0
0001 - 0600	-----	-----	-----	7.5	7.8	8.0	9.0	9.2	9.5	9.5	9.7	10.0
0601 - 1200	-----	-----	-----	7.5	7.7	8.0	8.5	8.5	8.5	9.0	9.2	9.5
1201 - 1800	-----	-----	-----	8.0	8.0	8.0	8.5	8.5	8.5	9.5	9.8	10.0
1801 - 2400	-----	-----	-----	8.0	8.3	8.5	8.0	8.0	8.0	9.5	9.7	10.0
DAILY VALUE	-----	-----	-----	7.5	8.0	8.5	8.0	8.5	9.5	9.0	9.6	10.0
0001 - 0600	-----	-----	-----	8.0	8.0	8.0	7.5	7.8	8.0	8.5	8.8	9.0
0601 - 1200	-----	-----	-----	8.0	8.0	8.0	7.5	7.5	7.5	8.5	8.5	8.5
1201 - 1800	-----	-----	-----	8.0	8.0	8.0	8.0	8.0	8.0	8.5	8.7	9.0
1801 - 2400	-----	-----	-----	8.0	8.0	8.0	8.0	8.0	8.0	8.5	8.7	9.0
DAILY VALUE	-----	-----	-----	8.0	8.0	8.0	7.5	7.8	8.0	8.5	8.7	9.0
0001 - 0600	-----	-----	-----	8.0	8.0	8.0	8.0	8.0	8.0	-----	-----	-----
0601 - 1200	-----	-----	-----	8.0	8.0	8.0	8.0	8.0	8.0	-----	-----	-----
1201 - 1800	-----	-----	-----	8.0	8.0	8.0	8.5	8.7	9.0	-----	-----	-----
1801 - 2400	-----	-----	-----	8.0	8.2	8.5	9.0	9.0	9.0	-----	-----	-----
DAILY VALUE	-----	-----	-----	8.0	8.0	8.5	8.0	8.4	9.0	-----	-----	-----
0001 - 0600	-----	-----	-----	8.0	8.2	8.5	9.0	9.0	9.0	-----	-----	-----
0601 - 1200	-----	-----	-----	8.0	8.0	8.0	9.5	9.7	10.0	MONTHLY VALUE		
1201 - 1800	7.5	-----	7.5	8.0	8.0	8.0	11.0	11.3	11.5	-----	-----	-----
1801 - 2400	7.5	7.5	7.5	7.5	7.7	8.0	12.0	12.0	12.0	6.5	8.9	13.0
DAILY VALUE	7.5	-----	7.5	7.5	8.0	8.5	9.0	10.5	12.0	-----	-----	-----

- JULY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	7.5	7.8	8.0	10.5	10.8	11.0	7.0	7.3	7.5	7.5	7.5	7.5
0601 - 1200	7.0	7.0	7.0	10.0	10.2	10.5	7.0	7.0	7.0	7.5	7.5	7.5
1201 - 1800	7.5	7.5	7.5	10.0	10.0	10.0	7.5	7.5	7.5	7.5	7.8	8.0
1801 - 2400	8.0	8.0	8.0	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0	8.0
DAILY VALUE	7.0	7.6	8.0	10.0	10.2	11.0	7.0	7.5	8.0	7.5	7.7	8.0
0001 - 0600	7.5	7.7	8.0	9.5	9.7	10.0	8.0	8.0	8.0	7.5	7.8	8.0
0601 - 1200	7.0	7.0	7.0	9.0	9.0	9.0	8.0	8.0	8.0	7.5	7.7	8.0
1201 - 1800	7.5	7.5	7.5	9.0	9.0	9.0	8.5	8.7	9.0	8.0	8.3	8.5
1801 - 2400	7.5	7.5	7.5	9.5	9.5	9.5	9.0	9.0	9.0	8.5	8.7	9.0
DAILY VALUE	7.0	7.4	8.0	9.0	9.3	10.0	8.0	8.4	9.0	7.5	8.1	9.0
0001 - 0600	7.5	7.5	7.5	9.0	9.3	9.5	8.5	8.8	9.0	8.0	8.2	8.5
0601 - 1200	7.0	7.2	7.5	9.0	9.0	9.0	8.0	8.0	8.0	7.5	7.5	7.5
1201 - 1800	7.5	8.0	8.5	9.0	9.0	9.0	8.5	8.7	9.0	7.5	7.8	8.0
1801 - 2400	8.5	8.5	8.5	9.0	9.0	9.0	9.5	9.5	9.5	8.0	8.0	8.0
DAILY VALUE	7.0	7.8	8.5	9.0	9.1	9.5	8.0	8.7	9.5	7.5	7.9	8.5
0001 - 0600	8.5	8.5	8.5	8.5	8.8	9.0	9.5	9.5	9.5	7.5	7.5	7.5
0601 - 1200	8.5	8.5	8.5	8.5	8.5	8.5	9.5	9.7	10.0	7.5	7.5	7.5
1201 - 1800	9.0	9.2	9.5	8.5	8.5	8.5	10.5	11.0	11.5	8.0	8.0	8.0
1801 - 2400	9.5	9.5	9.5	8.5	8.5	8.5	11.5	11.8	12.0	8.0	8.3	8.5
DAILY VALUE	8.5	8.9	9.5	8.5	8.6	9.0	9.5	10.5	12.0	7.5	7.8	8.5
0001 - 0600	9.5	9.5	9.5	8.0	8.2	8.5	11.0	11.3	11.5	8.0	8.3	8.5
0601 - 1200	9.0	9.0	9.0	8.0	8.0	8.0	10.5	10.5	10.5	8.0	8.0	8.0
1201 - 1800	9.0	9.0	9.0	8.5	8.7	9.0	10.5	10.5	10.5	8.0	8.0	8.0
1801 - 2400	9.0	9.3	9.5	9.0	9.0	9.0	10.5	10.5	10.5	8.0	8.0	8.0
DAILY VALUE	9.0	9.2	9.5	8.0	8.5	9.0	10.5	10.7	11.5	8.0	8.1	8.5
0001 - 0600	9.0	9.3	9.5	8.5	8.7	9.0	9.5	10.0	10.5	7.5	7.7	8.0
0601 - 1200	9.0	9.0	9.0	8.5	8.5	8.5	9.0	9.0	9.0	7.5	7.5	7.5
1201 - 1800	9.5	9.5	9.5	8.5	8.8	9.0	8.5	8.8	9.0	7.5	7.8	8.0
1801 - 2400	10.0	10.0	10.0	9.5	9.5	9.5	8.0	8.3	8.5	8.0	8.0	8.0
DAILY VALUE	9.0	9.5	10.0	8.5	8.9	9.5	8.0	9.0	10.5	7.5	7.7	8.0
0001 - 0600	9.5	9.8	10.0	9.5	9.5	9.5	7.5	7.7	8.0	8.0	8.0	8.0
0601 - 1200	9.5	9.5	9.5	9.0	9.0	9.0	7.0	7.2	7.5	8.0	8.0	8.0
1201 - 1800	9.5	9.5	9.5	9.0	9.0	9.0	7.5	7.5	7.5	8.5	8.8	9.0
1801 - 2400	9.5	9.5	9.5	9.5	9.5	9.5	7.5	7.5	7.5	9.5	9.5	9.5
DAILY VALUE	9.5	9.6	10.0	9.0	9.2	9.5	7.0	7.5	8.0	8.0	8.6	9.5
0001 - 0600	9.5	9.5	9.5	8.5	8.8	9.0	7.5	7.5	7.5	MONTHLY VALUE		
0601 - 1200	9.5	9.5	9.5	8.0	8.2	8.5	7.5	7.5	7.5			
1201 - 1800	9.5	10.0	10.5	8.0	8.0	8.0	7.5	7.7	8.0	7.0 8.6 12.0		
1801 - 2400	10.5	10.8	11.0	8.0	8.0	8.0	8.0	8.0	8.0			
DAILY VALUE	9.5	10.0	11.0	8.0	8.2	9.0	7.5	7.7	8.0			

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	8.5	9.0	9.5	9.0	9.0	9.0	8.5	8.7	9.0	8.5	8.5	8.5
0601 - 1200	8.5	8.7	9.0	9.0	9.0	9.0	8.0	8.0	8.0	8.0	8.3	8.5
1201 - 1800	9.5	9.7	10.0	9.0	9.2	9.5	8.0	8.2	8.5	8.0	8.0	8.0
1801 - 2400	10.0	10.0	10.0	9.5	9.5	9.5	8.5	8.5	8.5	8.5	8.5	8.5
DAILY VALUE	8.5	9.3	10.0	9.0	9.2	9.5	8.0	8.3	9.0	8.0	8.3	8.5
0001 - 0600	9.0	9.5	10.0	9.0	9.2	9.5	8.0	8.3	8.5	8.5	8.5	8.5
0601 - 1200	9.0	9.0	9.0	8.0	8.3	8.5	7.5	7.7	8.0	8.0	8.2	8.5
1201 - 1800	9.5	9.7	10.0	8.0	8.0	8.0	7.5	7.8	8.0	8.5	8.7	9.0
1801 - 2400	10.0	10.0	10.0	7.5	7.7	8.0	8.0	8.0	8.0	9.0	9.0	9.0
DAILY VALUE	9.0	9.5	10.0	7.5	8.3	9.5	7.5	8.0	8.5	8.0	8.6	9.0
0001 - 0600	9.5	9.7	10.0	7.0	7.2	7.5	8.0	8.0	8.0	8.0	8.3	8.5
0601 - 1200	9.0	9.0	9.0	7.0	7.0	7.0	8.0	8.0	8.0	8.0	8.0	8.0
1201 - 1800	9.5	9.7	10.0	7.0	7.3	7.5	8.0	8.2	8.5	8.5	8.5	8.5
1801 - 2400	10.0	10.0	10.0	7.5	7.5	7.5	8.5	8.7	9.0	8.5	8.8	9.0
DAILY VALUE	9.0	9.6	10.0	7.0	7.2	7.5	8.0	8.2	9.0	8.0	8.4	9.0
0001 - 0600	9.5	9.7	10.0	7.5	7.5	7.5	9.0	9.0	9.0	8.5	8.8	9.0
0601 - 1200	9.0	9.0	9.0	7.5	7.7	8.0	8.5	8.5	8.5	8.5	8.5	8.5
1201 - 1800	9.0	9.3	9.5	8.5	9.0	9.5	9.0	9.0	9.0	8.5	8.5	8.5
1801 - 2400	10.0	10.0	10.0	9.0	9.2	9.5	9.0	9.0	9.0	8.5	8.5	8.5
DAILY VALUE	9.0	9.5	10.0	7.5	8.3	9.5	8.5	8.9	9.0	8.5	8.6	9.0
0001 - 0600	9.5	9.8	10.0	9.0	9.3	9.5	9.0	9.0	9.0	8.0	8.3	8.5
0601 - 1200	9.0	9.2	9.5	9.0	9.0	9.0	8.5	8.5	8.5	7.5	7.7	8.0
1201 - 1800	9.5	9.5	9.5	9.5	9.7	10.0	8.5	8.5	8.5	7.5	7.5	7.5
1801 - 2400	10.0	10.0	10.0	10.0	10.2	10.5	8.5	8.5	8.5	7.5	7.5	7.5
DAILY VALUE	9.0	9.6	10.0	9.0	9.5	10.5	8.5	8.6	9.0	7.5	7.7	8.5
0001 - 0600	9.5	9.8	10.0	10.0	10.3	10.5	8.5	8.5	8.5	7.5	7.5	7.5
0601 - 1200	9.5	9.5	9.5	10.0	10.0	10.0	8.5	8.5	8.5	7.5	7.5	7.5
1201 - 1800	9.5	9.8	10.5	10.0	10.0	10.0	8.5	8.5	8.5	7.5	7.5	7.5
1801 - 2400	10.5	10.7	11.0	10.0	10.0	10.0	8.5	8.5	8.5	7.5	7.5	7.5
DAILY VALUE	9.5	10.0	11.0	10.0	10.1	10.5	8.5	8.5	8.5	7.5	7.5	7.5
0001 - 0600	10.5	10.8	11.0	9.5	9.8	10.0	8.5	8.5	8.5	7.5	7.5	7.5
0601 - 1200	9.5	9.8	10.0	8.5	8.8	9.0	8.5	8.5	8.5	7.5	7.5	7.5
1201 - 1800	9.5	9.5	9.5	8.0	8.3	8.5	8.5	8.5	8.5	7.5	7.5	7.5
1801 - 2400	9.5	9.5	9.5	8.0	8.0	8.0	8.5	8.5	8.5	7.5	7.5	7.5
DAILY VALUE	9.5	9.9	11.0	8.0	8.7	10.0	8.5	8.5	8.5	7.5	7.5	7.5
0001 - 0600	9.0	9.3	9.5	8.0	8.0	8.0	8.5	8.5	8.5	MONTHLY VALUE		
0601 - 1200	8.5	8.5	8.5	8.0	8.0	8.0	8.5	8.5	8.5			
1201 - 1800	8.5	8.5	8.5	8.0	8.3	8.5	8.5	8.5	8.5	7.0	8.7	11.0
1801 - 2400	8.5	8.8	9.0	8.5	8.8	9.0	8.5	8.5	8.5			
DAILY VALUE	8.5	8.8	9.5	8.0	8.3	9.0	8.5	8.5	8.5			

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	7.0	7.2	7.5	7.5	7.5	7.5	7.0	7.0	7.0	4.0	4.0	4.0
0601 - 1200	7.0	7.2	7.5	7.5	7.5	7.5	6.5	6.5	6.5	3.5	3.7	4.0
1201 - 1800	7.5	7.7	8.0	7.5	7.5	7.5	6.5	6.5	6.5	3.5	3.8	4.0
1801 - 2400	8.0	8.0	8.0	7.5	7.5	7.5	6.0	6.0	6.0	4.0	4.0	4.0
DAILY VALUE	7.0	7.5	8.0	7.5	7.5	7.5	6.0	6.5	7.0	3.5	3.9	4.0
0001 - 0600	7.5	7.5	7.5	7.0	7.2	7.5	5.5	5.7	6.0	4.0	4.0	4.0
0601 - 1200	7.5	7.5	7.5	7.0	7.0	7.0	5.5	5.5	5.5	4.0	4.2	4.5
1201 - 1800	8.0	8.0	8.0	7.0	7.0	7.0	5.5	5.5	5.5	4.5	4.7	5.0
1801 - 2400	8.0	8.0	8.0	7.0	7.0	7.0	5.5	5.5	5.5	5.0	5.0	5.0
DAILY VALUE	7.5	7.7	8.0	7.0	7.0	7.5	5.5	5.5	6.0	4.0	4.4	5.0
0001 - 0600	7.5	7.5	7.5	7.0	7.0	7.0	5.5	5.5	5.5	4.5	4.5	4.5
0601 - 1200	7.0	7.2	7.5	7.0	7.0	7.0	5.5	5.5	5.5	4.5	4.8	5.0
1201 - 1800	7.0	7.3	7.5	7.0	7.0	7.0	5.5	5.7	6.0	5.0	5.0	5.0
1801 - 2400	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0	5.0	5.0
DAILY VALUE	7.0	7.2	7.5	7.0	7.0	7.0	5.5	5.7	6.0	4.5	4.8	5.0
0001 - 0600	7.0	7.0	7.0	6.5	6.5	6.5	5.5	5.5	5.5	-----	-----	-----
0601 - 1200	7.0	7.0	7.0	6.0	6.2	6.5	6.0	6.0	6.0	-----	-----	-----
1201 - 1800	7.5	7.5	7.5	6.0	6.0	6.0	6.0	6.0	6.0	-----	-----	-----
1801 - 2400	7.5	7.5	7.5	6.0	6.0	6.0	6.0	6.0	6.0	-----	-----	-----
DAILY VALUE	7.0	7.2	7.5	6.0	6.2	6.5	5.5	5.9	6.0	-----	-----	-----
0001 - 0600	7.5	7.5	7.5	5.5	5.8	6.0	6.0	6.0	6.0	-----	-----	-----
0601 - 1200	7.0	7.2	7.5	5.5	5.5	5.5	6.0	6.0	6.0	-----	-----	-----
1201 - 1800	7.0	7.3	7.5	5.5	5.5	5.5	5.0	6.0	6.0	-----	-----	-----
1801 - 2400	7.0	7.0	7.0	5.5	5.5	5.5	6.0	6.0	6.0	-----	-----	-----
DAILY VALUE	7.0	7.2	7.5	5.5	5.6	6.0	6.0	6.0	6.0	-----	-----	-----
0001 - 0600	7.0	7.0	7.0	5.5	5.5	5.5	6.0	6.0	6.0	-----	-----	-----
0601 - 1200	7.0	7.0	7.0	5.5	5.7	6.0	6.0	6.0	6.0	-----	-----	-----
1201 - 1800	7.0	7.0	7.0	6.0	6.0	6.0	6.5	6.5	6.5	-----	-----	-----
1801 - 2400	7.0	7.0	7.0	6.0	6.2	6.5	6.0	6.0	6.0	-----	-----	-----
DAILY VALUE	7.0	7.0	7.0	5.5	5.8	6.5	6.0	6.1	6.5	-----	-----	-----
0001 - 0600	7.0	7.0	7.0	6.5	6.5	6.5	5.5	5.7	6.0	-----	-----	-----
0601 - 1200	7.0	7.2	7.5	6.5	6.5	6.5	5.5	5.5	5.5	-----	-----	-----
1201 - 1800	7.5	7.5	7.5	6.5	6.8	7.0	5.5	5.5	5.5	-----	-----	-----
1801 - 2400	7.5	7.5	7.5	6.5	6.5	6.5	5.0	5.3	5.5	-----	-----	-----
DAILY VALUE	7.0	7.3	7.5	6.5	6.6	7.0	5.0	5.5	6.0	-----	-----	-----
0001 - 0600	7.5	7.5	7.5	6.5	6.5	6.5	4.5	4.7	5.0	-----	-----	-----
0601 - 1200	7.5	7.5	7.5	6.5	6.5	6.5	4.0	4.0	4.0	MONTHLY VALUE		
1201 - 1800	7.5	7.8	8.0	7.0	7.0	7.0	4.5	4.5	4.5	-----		
1801 - 2400	8.0	8.0	8.0	7.0	7.0	7.0	4.5	4.5	4.5	3.5	6.3	8.0
DAILY VALUE	7.5	7.7	8.0	6.5	6.7	7.0	4.0	4.4	5.0	-----		

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	.5	.5	.5	-----	-----	-----	-----	-----	-----
0601 - 1200	-----	-----	-----	.5	.7	1.0	-----	-----	-----	-----	-----	-----
1201 - 1800	-----	-----	-----	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----
1801 - 2400	-----	-----	-----	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----
DAILY VALUE	-----	-----	-----	.5	.8	1.0	-----	-----	-----	-----	-----	-----
0001 - 0600	-----	-----	-----	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----
0601 - 1200	-----	-----	-----	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----
1201 - 1800	-----	-----	-----	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----
1801 - 2400	-----	-----	-----	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----
DAILY VALUE	-----	-----	-----	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----
0001 - 0600	-----	-----	-----	.5	.7	1.0	-----	-----	-----	-----	-----	-----
0601 - 1200	-----	-----	-----	0.0	.2	.5	-----	-----	-----	-----	-----	-----
1201 - 1800	-----	-----	-----	.5	-----	.5	-----	-----	-----	-----	-----	-----
1801 - 2400	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAILY VALUE	-----	-----	-----	0.0	-----	1.0	-----	-----	-----	-----	-----	-----
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1201 - 1800	4.0	-----	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
1801 - 2400	3.5	3.7	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAILY VALUE	3.5	-----	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
0001 - 0600	3.0	3.0	3.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
0601 - 1200	2.5	2.5	2.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
1201 - 1800	2.5	2.5	2.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
1801 - 2400	1.5	1.8	2.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAILY VALUE	1.5	2.5	3.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
0001 - 0600	1.0	1.3	1.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
0601 - 1200	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
1201 - 1800	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
1801 - 2400	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAILY VALUE	1.0	1.1	1.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
0001 - 0600	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
0601 - 1200	.5	.5	.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
1201 - 1800	.5	.5	.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
1801 - 2400	.5	.5	.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAILY VALUE	.5	.6	1.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
0001 - 0600	.5	.5	.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
0601 - 1200	.5	.5	.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
1201 - 1800	.5	.5	.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
1801 - 2400	.5	.5	.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAILY VALUE	.5	.5	.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
											MONTHLY VALUE	
											0.0	4.0

Thermograph data summary, summer surface water temperature (C),
Susitna River Upstream of Yentna River, RM 29.5, Geocode
S17N06W07CAD.

- JUNE 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	7.5	7.7	8.0	-----	-----	-----	12.0	12.2	12.5
0601 - 1200	-----	-----	-----	7.5	7.5	7.5	-----	-----	-----	12.0	12.0	12.0
1201 - 1800	-----	-----	-----	8.0	8.0	8.0	-----	-----	-----	12.5	13.0	13.5
1801 - 2400	-----	-----	-----	8.5	8.5	8.5	-----	-----	-----	13.5	13.5	13.5
DAILY VALUE	-----	-----	-----	7.5	7.9	8.5	-----	-----	-----	12.0	12.7	13.5
0001 - 0600	-----	-----	-----	8.0	8.0	8.0	-----	-----	-----	12.5	12.7	13.0
0601 - 1200	-----	-----	-----	8.0	8.0	8.0	-----	-----	-----	12.5	12.5	12.5
1201 - 1800	-----	-----	-----	8.0	8.0	8.0	10.0	10.0	10.0	13.0	13.2	13.5
1801 - 2400	-----	-----	-----	8.0	8.0	8.0	9.5	9.8	10.0	13.0	13.3	13.5
DAILY VALUE	-----	-----	-----	8.0	8.0	8.0	9.5	-----	10.0	12.5	12.9	13.5
0001 - 0600	-----	-----	-----	7.5	7.5	7.5	9.5	9.5	9.5	12.0	12.5	13.0
0601 - 1200	-----	-----	-----	7.5	7.5	7.5	9.0	9.3	9.5	12.0	12.0	12.0
1201 - 1800	-----	-----	-----	8.0	8.0	8.0	10.0	10.2	10.5	12.0	12.0	12.0
1801 - 2400	-----	-----	-----	8.0	8.0	8.0	10.5	10.5	10.5	12.0	12.0	12.0
DAILY VALUE	-----	-----	-----	7.5	7.8	8.0	9.0	9.9	10.5	12.0	12.1	13.0
0001 - 0600	-----	-----	-----	7.5	7.7	8.0	10.0	10.0	10.0	11.0	11.3	11.5
0601 - 1200	-----	-----	-----	7.5	7.5	7.5	9.5	9.8	10.0	11.0	11.0	11.0
1201 - 1800	-----	-----	-----	8.0	8.3	8.5	9.5	9.5	9.5	11.0	11.3	11.5
1801 - 2400	-----	-----	-----	7.5	8.2	8.5	9.0	9.3	9.5	11.5	11.8	12.0
DAILY VALUE	-----	-----	-----	7.5	7.9	8.5	9.0	9.7	10.0	11.0	11.4	12.0
0001 - 0600	-----	-----	-----	7.5	7.5	7.5	8.0	8.5	9.0	11.0	11.2	11.5
0601 - 1200	-----	-----	-----	7.5	7.5	7.5	8.0	8.0	8.0	10.5	10.7	11.0
1201 - 1800	-----	-----	-----	7.5	8.0	8.5	8.0	8.3	8.5	11.0	11.3	11.5
1801 - 2400	-----	-----	-----	8.5	8.5	8.5	8.5	8.5	8.5	11.5	11.5	11.5
DAILY VALUE	-----	-----	-----	7.5	7.9	8.5	8.0	8.3	9.0	10.5	11.2	11.5
0001 - 0600	-----	-----	-----	8.0	8.3	8.5	8.5	8.5	8.5	10.5	11.0	11.5
0601 - 1200	-----	-----	-----	8.0	8.2	8.5	8.5	8.5	8.5	10.5	10.5	10.5
1201 - 1800	-----	-----	-----	-----	-----	-----	8.5	9.0	9.5	10.5	10.8	11.5
1801 - 2400	-----	-----	-----	-----	-----	-----	9.5	9.5	9.5	10.5	11.0	11.5
DAILY VALUE	-----	-----	-----	8.0	-----	8.5	8.5	8.9	9.5	10.5	10.8	11.5
0001 - 0600	-----	-----	-----	-----	-----	-----	9.5	9.5	9.5	-----	-----	-----
0601 - 1200	-----	-----	-----	-----	-----	-----	9.5	9.7	10.0	-----	-----	-----
1201 - 1800	-----	-----	-----	-----	-----	-----	10.5	10.8	11.0	-----	-----	-----
1801 - 2400	-----	-----	-----	-----	-----	-----	11.5	11.5	11.5	-----	-----	-----
DAILY VALUE	-----	-----	-----	-----	-----	-----	9.5	10.4	11.5	-----	-----	-----
0001 - 0600	-----	-----	-----	-----	-----	-----	10.5	10.8	11.0	-----	-----	-----
0601 - 1200	-----	-----	-----	-----	-----	-----	10.5	10.7	11.0	MONTHLY VALUE		
1201 - 1800	8.0	-----	8.0	-----	-----	-----	11.5	12.0	12.5	-----	-----	-----
1801 - 2400	8.0	8.0	8.0	-----	-----	-----	12.5	12.8	13.0	7.5	-----	13.5
DAILY VALUE	8.0	-----	8.0	-----	-----	-----	10.5	11.6	13.0	-----	-----	-----

- JULY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	10.0	10.2	10.5	11.5	11.8	12.0	9.5	9.5	9.5	9.5	9.5	9.5
0601 - 1200	10.0	10.0	10.0	11.5	11.8	12.0	9.5	9.7	10.0	9.0	9.2	9.5
1201 - 1800	10.5	10.5	10.5	12.0	12.0	12.0	10.5	10.5	10.5	9.5	9.7	10.0
1801 - 2400	10.0	10.3	10.5	12.0	12.0	12.0	10.5	10.5	10.5	9.5	9.8	10.0
DAILY VALUE	10.0	10.2	10.5	11.5	11.9	12.0	9.5	10.0	10.5	9.0	9.5	10.0
0001 - 0600	9.5	9.8	10.0	11.5	11.5	11.5	10.0	10.2	10.5	9.0	9.3	9.5
0601 - 1200	9.5	9.7	10.0	12.0	12.0	12.0	10.0	10.3	10.5	9.0	9.2	9.5
1201 - 1800	10.0	10.3	10.5	12.0	12.0	12.0	10.5	10.8	11.0	9.5	9.8	10.0
1801 - 2400	10.5	10.5	10.5	11.5	11.8	12.0	11.0	11.2	11.5	9.5	9.8	10.0
DAILY VALUE	9.5	10.1	10.5	11.5	11.8	12.0	10.0	10.6	11.5	9.0	9.5	10.0
0001 - 0600	9.5	10.0	10.5	10.5	11.0	11.5	10.0	10.3	10.5	9.5	9.5	9.5
0601 - 1200	9.5	10.0	10.5	10.5	10.5	10.5	10.5	10.5	10.5	9.5	9.5	9.5
1201 - 1800	10.5	10.8	11.0	11.0	11.3	11.5	11.0	11.3	11.5	10.0	10.2	10.5
1801 - 2400	11.0	11.3	11.5	11.5	11.5	11.5	11.5	11.8	12.0	10.5	10.5	10.5
DAILY VALUE	9.5	10.5	11.5	10.5	11.1	11.5	10.0	11.0	12.0	9.5	9.9	10.5
0001 - 0600	10.5	10.7	11.0	10.5	10.8	11.0	11.5	11.5	11.5	10.0	10.0	10.0
0601 - 1200	10.5	10.7	11.0	10.5	10.5	10.5	11.5	12.0	12.5	10.0	10.2	10.5
1201 - 1800	11.0	11.3	11.5	10.5	10.5	10.5	13.0	13.3	13.5	10.5	10.5	10.5
1801 - 2400	11.0	11.3	11.5	10.5	10.5	10.5	13.5	13.5	13.5	10.5	10.5	10.5
DAILY VALUE	10.5	11.0	11.5	10.5	10.6	11.0	11.5	12.6	13.5	10.0	10.3	10.5
0001 - 0600	10.5	10.7	11.0	10.5	10.5	10.5	12.5	12.8	13.0	10.5	10.5	10.5
0601 - 1200	11.0	11.2	11.5	10.5	10.5	10.5	12.5	12.5	12.5	10.5	10.5	10.5
1201 - 1800	12.0	12.3	12.5	11.0	11.2	11.5	12.5	12.8	13.0	10.5	10.5	10.5
1801 - 2400	12.0	12.3	12.5	11.0	11.2	11.5	12.0	12.3	12.5	10.5	10.5	10.5
DAILY VALUE	10.5	11.6	12.5	10.5	10.8	11.5	12.0	12.6	13.0	10.5	10.5	10.5
0001 - 0600	11.5	11.7	12.0	10.5	10.7	11.0	11.0	11.3	11.5	10.0	10.3	10.5
0601 - 1200	11.0	11.3	11.5	10.5	10.7	11.0	11.0	11.0	11.0	10.0	10.2	10.5
1201 - 1800	11.5	11.8	12.0	11.0	11.3	11.5	11.0	11.0	11.0	10.5	10.5	10.5
1801 - 2400	12.0	12.0	12.0	11.5	11.5	11.5	11.0	11.0	11.0	10.5	10.5	10.5
DAILY VALUE	11.0	11.7	12.0	10.5	11.0	11.5	11.0	11.1	11.5	10.0	10.4	10.5
0001 - 0600	11.0	11.3	11.5	11.0	11.0	11.0	10.5	10.5	10.5	10.0	10.2	10.5
0601 - 1200	11.0	11.3	11.5	10.5	10.8	11.0	10.0	10.0	10.0	10.0	10.0	10.0
1201 - 1800	12.0	12.5	13.0	11.0	11.0	11.0	10.0	10.0	10.0	10.5	10.5	10.5
1801 - 2400	12.5	12.8	13.0	10.5	10.5	10.5	9.5	9.7	10.0	10.5	10.5	10.5
DAILY VALUE	11.0	12.0	13.0	10.5	10.8	11.0	9.5	10.0	10.5	10.0	10.3	10.5
0001 - 0600	12.0	12.3	12.5	9.5	9.8	10.0	9.5	9.5	9.5	-----		
0601 - 1200	12.0	12.0	12.0	9.5	9.3	10.0	9.5	9.5	9.5	MONTHLY VALUE		
1201 - 1800	12.5	12.5	12.5	10.0	10.0	10.0	9.5	9.5	9.5	-----		
1801 - 2400	12.0	12.3	12.5	9.5	9.3	10.0	9.5	9.5	9.5	9.0	10.8	13.5
DAILY VALUE	12.0	12.3	12.5	9.5	9.9	10.0	9.5	9.5	9.5			

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	8.5	8.5	8.5	8.5	8.5	8.5	8.0	8.0	8.0	4.5	4.7	5.0
0601 - 1200	8.5	8.5	8.5	8.5	8.5	8.5	7.5	7.8	8.0	4.0	4.3	4.5
1201 - 1800	8.5	8.8	9.0	8.5	8.5	8.5	7.5	7.5	7.5	4.5	4.5	4.5
1801 - 2400	9.0	9.3	9.5	8.5	8.5	8.5	7.5	7.5	7.5	4.5	4.5	4.5
DAILY VALUE	8.5	8.8	9.5	8.5	8.5	8.5	7.5	7.7	8.0	4.0	4.5	5.0
0001 - 0600	8.5	9.0	9.5	8.0	8.3	8.5	7.0	7.0	7.0	4.5	4.5	4.5
0601 - 1200	8.5	9.0	9.5	8.0	8.0	8.0	6.5	6.8	7.0	4.5	4.5	4.5
1201 - 1800	9.5	9.5	9.5	8.5	8.5	8.5	6.5	6.5	6.5	5.0	5.0	5.0
1801 - 2400	9.5	9.5	9.5	8.5	8.5	8.5	6.5	6.5	6.5	5.0	5.0	5.0
DAILY VALUE	8.5	9.2	9.5	8.0	8.3	8.5	6.5	6.7	7.0	4.5	4.7	5.0
0001 - 0600	9.5	9.5	9.5	8.0	8.2	8.5	6.5	6.5	6.5	5.0	5.0	5.0
0601 - 1200	9.0	9.0	9.0	8.0	8.0	8.0	6.5	6.5	6.5	5.0	5.0	5.0
1201 - 1800	9.0	9.0	9.0	8.0	8.0	8.0	6.5	6.5	6.5	5.5	5.7	6.0
1801 - 2400	9.0	9.0	9.0	7.5	7.7	8.0	6.5	6.5	6.5	6.0	6.0	6.0
DAILY VALUE	9.0	9.1	9.5	7.5	8.0	8.5	6.5	6.5	6.5	5.0	5.4	6.0
0001 - 0600	8.5	8.7	9.0	7.0	7.3	7.5	6.5	6.5	6.5	5.5	5.5	5.5
0601 - 1200	8.5	8.5	8.5	6.5	6.5	6.5	6.5	6.5	6.5	5.0	5.0	5.0
1201 - 1800	8.5	8.8	9.0	6.5	6.5	6.5	6.5	6.5	6.5	5.0	5.0	5.0
1801 - 2400	9.0	9.0	9.0	6.5	6.5	6.5	6.5	6.5	6.5	4.5	4.8	5.0
DAILY VALUE	8.5	8.7	9.0	6.5	6.7	7.5	6.5	6.5	6.5	4.5	5.1	5.5
0001 - 0600	8.5	8.7	9.0	6.5	6.5	6.5	6.5	6.5	6.5	4.5	4.5	4.5
0601 - 1200	8.5	8.5	8.5	6.5	6.5	6.5	6.5	6.5	6.5	4.5	4.5	4.5
1201 - 1800	8.5	8.5	8.5	6.5	6.5	6.5	6.5	6.5	6.5	4.5	4.5	4.5
1801 - 2400	8.5	8.5	8.5	6.5	6.7	7.0	6.5	6.5	6.5	4.5	4.5	4.5
DAILY VALUE	8.5	8.5	9.0	6.5	6.5	7.0	6.5	6.5	6.5	4.5	4.5	4.5
0001 - 0600	8.0	8.2	8.5	6.5	6.8	7.0	6.0	6.3	6.5	4.5	4.5	4.5
0601 - 1200	7.5	7.7	8.0	6.5	6.5	6.5	6.0	6.0	6.0	4.5	4.5	4.5
1201 - 1800	8.0	8.0	8.0	7.0	7.0	7.0	6.5	6.5	6.5	5.0	5.0	5.0
1801 - 2400	8.0	8.0	8.0	7.0	7.0	7.0	6.5	6.5	6.5	5.0	5.0	5.0
DAILY VALUE	7.5	8.0	8.5	6.5	6.8	7.0	6.0	6.3	6.5	4.5	4.7	5.0
0001 - 0600	8.0	8.0	8.0	7.0	7.0	7.0	6.0	6.0	6.0	-----	-----	-----
0601 - 1200	8.0	8.2	8.5	7.0	7.0	7.0	5.5	5.5	5.5	-----	-----	-----
1201 - 1800	8.5	8.7	9.0	7.0	7.3	7.5	5.5	5.8	6.0	-----	-----	-----
1801 - 2400	9.0	9.0	9.0	7.5	7.5	7.5	5.5	5.8	6.0	-----	-----	-----
DAILY VALUE	8.0	8.5	9.0	7.0	7.2	7.5	5.5	5.8	6.0	-----	-----	-----
0001 - 0600	8.5	8.7	9.0	7.5	7.5	7.5	5.0	5.3	5.5	-----	-----	-----
0601 - 1200	8.5	8.5	8.5	7.5	7.5	7.5	5.0	5.0	5.0	MONTHLY VALUE		
1201 - 1800	9.0	9.0	9.0	7.5	7.8	8.0	5.0	5.0	5.0	-----		
1801 - 2400	9.0	9.0	9.0	8.0	8.0	8.0	5.0	5.0	5.0	4.0	7.0	9.5
DAILY VALUE	8.5	8.8	9.0	7.5	7.7	8.0	5.0	5.1	5.5	-----		

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	4.5	4.8	5.0	.5	.8	1.0	0.0	0.0	0.0			
0601 - 1200	4.5	4.5	4.5	1.0	1.0	1.0	0.0	0.0	0.0			
1201 - 1800	4.5	4.8	5.0	1.0	1.3	1.5	0.0	0.0	0.0			
1801 - 2400	5.0	5.0	5.0	1.5	1.5	1.5	0.0	0.0	0.0			
DAILY VALUE	4.5	4.8	5.0	.5	1.2	1.5	0.0	0.0	0.0			
0001 - 0600	4.5	4.8	5.0	1.5	1.5	1.5						
0601 - 1200	4.5	4.5	4.5	1.5	1.5	1.5						
1201 - 1800	4.5	4.5	4.5	1.5	1.5	1.5						
1801 - 2400	4.5	4.5	4.5	1.5	1.5	1.5						
DAILY VALUE	4.5	4.6	5.0	1.5	1.5	1.5						
0001 - 0600	4.5	4.5	4.5	1.5	1.5	1.5						
0601 - 1200	4.5	4.5	4.5	1.5	1.5	1.5						
1201 - 1800	4.5	4.5	4.5	1.0	1.0	1.0						
1801 - 2400	4.0	4.2	4.5	1.0	1.0	1.0						
DAILY VALUE	4.0	4.4	4.5	1.0	1.2	1.5						
0001 - 0600				1.0	1.0	1.0						
0601 - 1200				1.0	1.0	1.0						
1201 - 1800	4.5	4.5	4.5	1.0	1.3	1.5						
1801 - 2400	4.0	4.2	4.5	1.0	1.0	1.0						
DAILY VALUE	4.0		4.5	1.0	1.1	1.5						
0001 - 0600	3.0	3.3	3.5	1.0	1.0	1.0						
0601 - 1200	2.5	2.5	2.5	1.0	1.0	1.0						
1201 - 1800	2.5	2.8	3.0	1.0	1.0	1.0						
1801 - 2400	2.5	2.5	2.5	1.0	1.0	1.0						
DAILY VALUE	2.5	2.8	3.5	1.0	1.0	1.0						
0001 - 0600	2.0	2.3	2.5	1.0	1.0	1.0						
0601 - 1200	1.5	1.8	2.0	.5	.5	.5						
1201 - 1800	2.0	2.0	2.0	0.0	.2	.5						
1801 - 2400	2.0	2.0	2.0	0.0	0.0	0.0						
DAILY VALUE	1.5	2.0	2.5	0.0	.4	1.0						
0001 - 0600	1.5	1.8	2.0	0.0	0.0	0.0						
0601 - 1200	1.0	1.3	1.5	0.0	0.0	0.0						
1201 - 1800	1.0	1.3	1.5	0.0	.2	.5						
1801 - 2400	1.5	1.5	1.5	0.0	0.0	0.0						
DAILY VALUE	1.0	1.5	2.0	0.0	.0	.5						
0001 - 0600	1.5	1.5	1.5	0.0	0.0	0.0						
0601 - 1200	1.0	1.2	1.5							MONTHLY VALUE		
1201 - 1800	1.0	1.3	1.5	0.0	0.0	0.0						
1801 - 2400	.5	.8	1.0	0.0	0.0	0.0				0.0		5.0
DAILY VALUE	.5	1.2	1.5	0.0	0.0	0.0						

Thermograph data summary, summer surface water temperature (C),
 Parks Highway Bridge West, RM 83.9, Geocode
 S24N05W15BAE.

- JUNE 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	8.1	8.1	8.1	7.1	7.1	7.1	11.1	11.3	11.6
0601 - 1200	-----	-----	-----	8.1	8.1	8.1	7.1	7.4	8.1	10.6	10.9	11.1
1201 - 1800	-----	-----	-----	8.1	8.4	8.6	8.6	8.9	9.1	11.6	11.9	12.1
1801 - 2400	-----	-----	-----	8.1	8.1	8.1	9.1	9.1	9.1	12.1	12.1	12.1
DAILY VALUE	-----	-----	-----	8.1	8.2	8.6	7.1	8.1	9.1	10.6	11.6	12.1
0001 - 0600	-----	-----	-----	7.6	7.6	7.6	9.1	9.1	9.1	11.1	11.4	11.6
0601 - 1200	-----	-----	-----	7.6	7.6	7.6	9.1	9.1	9.1	10.6	10.8	11.1
1201 - 1800	-----	-----	-----	7.6	7.6	7.6	9.6	9.6	9.6	11.6	11.6	11.6
1801 - 2400	-----	-----	-----	7.6	7.6	7.6	9.1	9.1	9.1	11.1	11.4	11.6
DAILY VALUE	-----	-----	-----	7.6	7.6	7.6	9.1	9.2	9.6	10.6	11.3	11.6
0001 - 0600	-----	-----	-----	7.6	7.6	7.6	8.6	8.8	9.1	10.1	10.6	11.1
0601 - 1200	-----	-----	-----	7.6	7.6	7.6	8.6	9.1	9.6	10.1	10.3	10.6
1201 - 1800	-----	-----	-----	7.6	7.6	7.6	10.1	10.4	10.6	10.1	10.3	10.6
1801 - 2400	-----	-----	-----	7.6	7.6	7.6	10.6	10.6	10.6	10.1	10.1	10.1
DAILY VALUE	-----	-----	-----	7.6	7.6	7.6	8.6	9.7	10.6	10.1	10.3	11.1
0001 - 0600	-----	-----	-----	7.6	7.6	7.6	9.6	9.9	10.1	9.6	9.9	10.1
0601 - 1200	-----	-----	-----	7.6	7.6	7.6	9.1	9.4	9.6	9.6	9.6	9.6
1201 - 1800	-----	-----	-----	7.6	7.6	7.6	8.6	8.8	9.1	10.1	10.1	10.1
1801 - 2400	-----	-----	-----	7.6	7.6	7.6	7.6	7.9	8.1	10.1	10.1	10.1
DAILY VALUE	-----	-----	-----	7.6	7.6	7.6	7.6	9.0	10.1	9.6	9.9	10.1
0001 - 0600	-----	-----	-----	7.6	7.6	7.6	7.1	7.4	7.6	9.1	9.4	9.6
0601 - 1200	-----	-----	-----	7.6	7.8	8.1	7.1	7.6	8.1	8.6	8.9	9.1
1201 - 1800	-----	-----	-----	8.1	8.4	8.6	8.6	8.6	8.6	9.1	9.4	9.6
1801 - 2400	-----	-----	-----	8.1	8.3	8.6	8.6	8.6	8.6	9.6	9.8	10.1
DAILY VALUE	-----	-----	-----	7.6	8.0	8.6	7.1	8.1	8.6	8.6	9.4	10.1
0001 - 0600	-----	-----	-----	8.1	8.1	8.1	8.6	8.6	8.6	9.1	9.4	9.6
0601 - 1200	-----	-----	-----	8.1	8.3	8.6	8.6	8.8	9.1	9.1	9.1	9.1
1201 - 1800	-----	-----	-----	9.6	9.6	9.6	9.6	9.6	9.6	9.1	9.1	9.1
1801 - 2400	-----	-----	-----	9.6	9.6	9.6	9.6	9.6	9.6	9.1	9.1	9.1
DAILY VALUE	-----	-----	-----	8.1	8.9	9.6	8.6	9.1	9.6	9.1	9.2	9.6
0001 - 0600	-----	-----	-----	9.1	9.4	9.6	9.6	9.6	9.6	-----	-----	-----
0601 - 1200	-----	-----	-----	8.6	8.8	9.1	9.1	9.4	9.6	-----	-----	-----
1201 - 1800	-----	-----	-----	8.6	8.6	8.6	10.1	10.4	10.6	-----	-----	-----
1801 - 2400	-----	-----	-----	7.6	7.9	8.1	10.6	10.6	10.6	-----	-----	-----
DAILY VALUE	-----	-----	-----	7.6	8.7	9.6	9.1	10.0	10.6	-----	-----	-----
0001 - 0600	-----	-----	-----	7.1	7.3	7.6	10.1	10.3	10.6	-----	-----	-----
0601 - 1200	-----	-----	-----	6.6	6.9	7.1	10.1	10.3	10.6	MONTHLY VALUE		
1201 - 1800	8.1	8.1	8.1	7.1	7.1	7.1	11.1	11.4	11.6	-----	-----	-----
1801 - 2400	8.1	8.1	8.1	7.1	7.1	7.1	11.6	11.6	11.6	6.6	9.1	12.1
DAILY VALUE	8.1	-----	8.1	6.6	7.1	7.6	10.1	10.9	11.6	-----	-----	-----

Appendix Table 4-C-5

Thermograph data summary, summer surface water temperature (C),
 Parks Highway Bridge East, RM 83.9, Geocode
 S24N05W15BAD.

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600										9.5	9.7	10.0
0601 - 1200										9.5	9.5	9.5
1201 - 1800										9.5	9.8	10.0
1801 - 2400										9.5	9.7	10.0
DAILY VALUE										9.5	9.7	10.0
0001 - 0600										9.5	9.5	9.5
0601 - 1200										9.0	9.2	9.5
1201 - 1800										9.5	9.8	10.0
1801 - 2400										10.0	10.0	10.0
DAILY VALUE										9.0	9.6	10.0
0001 - 0600										9.0	9.3	9.5
0601 - 1200										9.0	9.0	9.0
1201 - 1800										9.5	9.5	9.5
1801 - 2400										9.5	9.5	9.5
DAILY VALUE										9.0	9.3	9.5
0001 - 0600										9.0	9.0	9.0
0601 - 1200										8.5	8.5	8.5
1201 - 1800										8.5	8.8	9.0
1801 - 2400										9.0	9.0	9.0
DAILY VALUE										8.5	8.8	9.0
0001 - 0600										8.5	8.5	8.5
0601 - 1200										8.5	8.5	8.5
1201 - 1800										8.5	8.5	8.5
1801 - 2400										8.5	8.5	8.5
DAILY VALUE										8.5	8.5	8.5
0001 - 0600										8.5	8.5	8.5
0601 - 1200										8.0	8.0	8.0
1201 - 1800										8.0	8.0	8.0
1801 - 2400							10.0	10.0	10.0	8.0	8.0	8.0
DAILY VALUE							10.0	10.0	10.0	8.0	8.1	8.5
0001 - 0600							10.0	10.0	10.0	8.0	8.0	8.0
0601 - 1200							10.0	10.0	10.0	8.0	8.0	8.0
1201 - 1800							10.5	10.5	10.5	8.0	8.0	8.0
1801 - 2400							10.0	10.3	10.5	8.0	8.0	8.0
DAILY VALUE							10.0	10.2	10.5	8.0	8.0	8.0
0001 - 0600							9.5	9.8	10.0	MONTHLY VALUE		
0601 - 1200							9.5	9.5	9.5			
1201 - 1800							9.5	9.8	10.0	8.0 10.5		
1801 - 2400							10.0	10.0	10.0			
DAILY VALUE							9.5	9.8	10.0			

4-C-15

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	8.0	8.0	8.0	7.5	7.5	7.5	6.5	6.5	6.5	4.1	4.3	4.6
0601 - 1200	8.0	8.0	8.0	7.5	7.5	7.5	6.5	6.5	6.5	4.1	4.1	4.1
1201 - 1800	8.5	8.7	9.0	7.5	7.7	8.0	6.0	6.0	6.0	4.1	4.3	4.6
1801 - 2400	8.5	8.5	8.5	7.5	7.7	8.0	6.0	6.0	6.0	4.6	4.6	4.6
DAILY VALUE	8.0	8.3	9.0	7.5	7.6	8.0	6.0	6.2	6.5	4.1	4.3	4.6
0001 - 0600	8.0	8.2	8.5	7.5	7.5	7.5	6.0	6.0	6.0	4.6	4.6	4.6
0601 - 1200	8.0	8.0	8.0	7.5	7.5	7.5	6.0	6.0	6.0	4.6	4.6	4.6
1201 - 1800	8.5	8.5	8.5	7.5	7.5	7.5	6.0	6.0	6.0	4.6	4.6	4.6
1801 - 2400	8.5	8.5	8.5	7.5	7.5	7.5	6.0	6.0	6.0	4.6	4.6	4.6
DAILY VALUE	8.0	8.3	8.5	7.5	7.5	7.5	6.0	6.0	6.0	4.6	4.6	4.6
0001 - 0600	8.0	8.0	8.0	7.0	7.3	7.5	6.0	6.0	6.0	4.6	4.6	4.6
0601 - 1200	8.0	8.0	8.0	7.0	7.0	7.0	6.0	6.0	6.0	4.6	4.8	5.1
1201 - 1800	8.0	8.0	8.0	7.0	7.0	7.0	6.0	6.0	6.0	5.1	5.4	5.6
1801 - 2400	8.0	8.0	8.0	6.5	6.8	7.0	6.0	6.0	6.0	4.6	5.1	5.6
DAILY VALUE	8.0	8.0	8.0	6.5	7.0	7.5	6.0	6.0	6.0	4.6	5.0	5.6
0001 - 0600	7.5	7.7	8.0	5.5	5.8	6.0	6.0	6.0	6.0	4.6	4.6	4.6
0601 - 1200	7.5	7.5	7.5	5.5	5.5	5.5	6.0	6.2	6.6	4.1	4.1	4.1
1201 - 1800	8.0	8.2	8.5	5.5	5.7	6.0	6.1	6.1	6.1	4.1	4.1	4.1
1801 - 2400	8.0	8.0	8.0	6.0	6.0	6.0	6.1	6.1	6.1	4.1	4.1	4.1
DAILY VALUE	7.5	7.8	8.5	5.5	5.7	6.0	6.0	6.1	6.6	4.1	4.2	4.6
0001 - 0600	7.5	7.5	7.5	6.0	6.0	6.0	6.1	6.1	6.1	4.1	4.1	4.1
0601 - 1200	7.5	7.5	7.5	5.5	5.7	6.0	6.1	6.1	6.1	4.1	4.1	4.1
1201 - 1800	7.5	7.5	7.5	6.0	6.0	6.0	6.1	6.1	6.1	4.1	4.4	4.6
1801 - 2400	7.5	7.5	7.5	6.0	6.0	6.0	6.1	6.1	6.1	4.6	4.6	4.6
DAILY VALUE	7.5	7.5	7.5	5.5	5.9	6.0	6.1	6.1	6.1	4.1	4.3	4.6
0001 - 0600	7.5	7.5	7.5	6.0	6.0	6.0	5.6	5.8	6.1	4.6	4.6	4.6
0601 - 1200	7.0	7.0	7.0	6.0	6.0	6.0	5.6	5.6	5.6	4.6	4.6	4.6
1201 - 1800	7.5	7.5	7.5	6.5	6.5	6.5	6.1	6.1	6.1	4.6	4.6	4.6
1801 - 2400	7.5	7.5	7.5	6.5	6.5	6.5	5.6	5.8	6.1	4.6	4.6	4.6
DAILY VALUE	7.0	7.4	7.5	6.0	6.2	6.5	5.6	5.8	6.1	4.6	4.6	4.6
0001 - 0600	7.5	7.5	7.5	6.5	6.5	6.5	5.1	5.3	5.6	-----	-----	-----
0601 - 1200	7.5	7.5	7.5	6.5	6.5	6.5	4.6	4.6	4.6	-----	-----	-----
1201 - 1800	8.0	8.3	8.5	6.5	6.5	6.5	5.1	5.4	5.6	-----	-----	-----
1801 - 2400	8.0	8.3	8.5	6.5	6.8	7.0	5.1	5.3	5.6	-----	-----	-----
DAILY VALUE	7.5	7.9	8.5	6.5	6.6	7.0	4.6	5.1	5.6	-----	-----	-----
0001 - 0600	8.0	8.0	8.0	7.0	7.0	7.0	4.6	4.6	4.6	-----		
0601 - 1200	8.0	8.0	8.0	7.0	7.0	7.0	4.1	4.1	4.1	-----		
1201 - 1800	8.0	8.0	8.0	7.0	7.0	7.0	4.1	4.4	4.6	-----		
1801 - 2400	7.5	7.8	8.0	6.5	6.7	7.0	4.6	4.6	4.6	4.1	6.3	9.0
DAILY VALUE	7.5	8.0	8.0	6.5	6.9	7.0	4.1	4.4	4.6	-----		

MONTHLY VALUE

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	4.6	4.6	4.6	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2
0601 - 1200	4.6	4.6	4.6	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2
1201 - 1800	4.6	4.6	4.6	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2
1801 - 2400	4.6	4.6	4.6	1.2	1.5	1.7	.2	.2	.2	.2	.2	.2
DAILY VALUE	4.6	4.6	4.6	1.2	1.3	1.7	.2	.2	.2	.2	.2	.2
0001 - 0600	4.1	4.1	4.1	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2
0601 - 1200	4.1	4.1	4.1	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2
1201 - 1800	4.1	4.1	4.1	1.2	1.5	1.7	.2	.2	.2	.2	.2	.2
1801 - 2400	4.1	4.1	4.1	1.2	1.4	1.7	.2	.2	.2	.2	.2	.2
DAILY VALUE	4.1	4.1	4.1	1.2	1.3	1.7	.2	.2	.2	.2	.2	.2
0001 - 0600	4.1	4.1	4.1	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2
0601 - 1200	3.6	3.8	4.1	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2
1201 - 1800	3.6	3.6	3.6	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2
1801 - 2400	3.6	3.6	3.6	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2
DAILY VALUE	3.6	3.8	4.1	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2
0001 - 0600	3.6	3.6	3.6	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2
0601 - 1200	2.6	2.9	3.1	.7	.7	.7	.2	.2	.2	.2	.2	.2
1201 - 1800	3.1	3.1	3.2	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2
1801 - 2400	2.7	2.9	3.2	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2
DAILY VALUE	2.6	3.1	3.6	.7	1.1	1.2	.2	.2	.2	.2	.2	.2
0001 - 0600	2.2	2.2	2.2	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2
0601 - 1200	1.7	1.7	1.7	.7	.7	.7	.2	.2	.2	.2	.2	.2
1201 - 1800	1.7	2.0	2.2	.7	.7	.7	.2	.2	.2	.2	.2	.2
1801 - 2400	1.7	1.9	2.2	.7	.7	.7	.2	.2	.2	.2	.2	.2
DAILY VALUE	1.7	1.9	2.2	.7	.8	1.2	.2	.2	.2	.2	.2	.2
0001 - 0600	1.2	1.5	1.7	.7	.7	.7	.2	.2	.2	.2	.2	.2
0601 - 1200	1.2	1.2	1.2	.7	.7	.7	.2	.2	.2	.2	.2	.2
1201 - 1800	1.2	1.5	1.7	.7	.7	.7	.2	.2	.2	.2	.2	.2
1801 - 2400	1.7	1.7	1.7	.7	.7	.7	.2	.2	.2	.2	.2	.2
DAILY VALUE	1.2	1.5	1.7	.7	.7	.7	.2	.2	.2	.2	.2	.2
0001 - 0600	1.7	1.7	1.7	.2	.5	.7	.2	.2	.2	.2	.2	.2
0601 - 1200	1.2	1.4	1.7	.2	.2	.2	.2	.2	.2	.2	.2	.2
1201 - 1800	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
1801 - 2400	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
DAILY VALUE	1.2	1.4	1.7	.2	.3	.7	.2	.2	.2	.2	.2	.2
0001 - 0600	.7	.7	.7	.2	.2	.2	.2	.2	.2	.2	.2	.2
0601 - 1200	.7	.9	1.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
1201 - 1800	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
1801 - 2400	1.2	1.2	1.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
DAILY VALUE	.7	1.0	1.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
												MONTHLY VALUE
												.2 1.2 4.6

Appendix Table 4-C-6

Thermograph data summary, summer surface water temperature (C),
LRX 1, RM 97.0, Geocode S26N05W23DCB.

- JUNE 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	7.6	7.6	7.6	6.1	6.1	6.1	-----	-----	-----
0601 - 1200	-----	-----	-----	7.1	7.3	7.6	6.1	6.3	6.6	-----	-----	-----
1201 - 1800	-----	-----	-----	7.6	7.6	7.6	7.1	7.6	8.1	-----	-----	-----
1801 - 2400	-----	-----	-----	7.1	7.4	7.6	8.6	8.9	9.1	-----	-----	-----
DAILY VALUE	-----	-----	-----	7.1	7.5	7.6	6.1	7.2	9.1	-----	-----	-----
0001 - 0600	-----	-----	-----	6.6	6.9	7.1	8.6	8.9	9.1	-----	-----	-----
0601 - 1200	-----	-----	-----	6.6	6.6	6.6	8.1	8.1	8.1	-----	-----	-----
1201 - 1800	-----	-----	-----	6.6	6.8	7.1	8.1	8.1	8.1	-----	-----	-----
1801 - 2400	-----	-----	-----	7.6	7.6	7.6	8.6	8.9	9.1	-----	-----	-----
DAILY VALUE	-----	-----	-----	6.6	7.0	7.6	8.1	8.5	9.1	-----	-----	-----
0001 - 0600	-----	-----	-----	6.6	6.8	7.1	7.6	8.1	8.6	-----	-----	-----
0601 - 1200	-----	-----	-----	6.6	6.6	6.6	7.6	7.6	7.6	-----	-----	-----
1201 - 1800	-----	-----	-----	6.6	6.6	6.6	8.6	9.1	9.6	-----	-----	-----
1801 - 2400	-----	-----	-----	6.6	6.6	6.6	10.1	10.1	10.1	-----	-----	-----
DAILY VALUE	-----	-----	-----	6.6	6.6	7.1	7.6	8.7	10.1	-----	-----	-----
0001 - 0600	-----	-----	-----	6.6	6.6	6.6	9.6	9.8	10.1	-----	-----	-----
0601 - 1200	-----	-----	-----	6.6	6.6	6.6	8.6	8.8	9.1	-----	-----	-----
1201 - 1800	-----	-----	-----	6.6	6.6	6.6	7.6	7.9	8.1	-----	-----	-----
1801 - 2400	-----	-----	-----	6.6	6.9	7.1	7.6	7.6	7.6	-----	-----	-----
DAILY VALUE	-----	-----	-----	6.6	6.7	7.1	7.6	8.5	10.1	-----	-----	-----
0001 - 0600	-----	-----	-----	6.6	6.6	6.6	6.6	7.1	7.6	-----	-----	-----
0601 - 1200	-----	-----	-----	6.6	6.6	6.6	6.6	6.8	7.1	-----	-----	-----
1201 - 1800	-----	-----	-----	6.6	7.1	7.6	7.6	7.8	8.1	-----	-----	-----
1801 - 2400	-----	-----	-----	7.6	7.6	7.6	8.6	8.6	8.6	-----	-----	-----
DAILY VALUE	-----	-----	-----	6.6	7.0	7.6	6.6	7.6	8.6	-----	-----	-----
0001 - 0600	-----	-----	-----	7.1	7.4	7.6	8.1	8.4	8.6	-----	-----	-----
0601 - 1200	-----	-----	-----	6.6	6.6	6.6	7.6	7.6	7.6	-----	-----	-----
1201 - 1800	-----	-----	-----	7.6	8.1	8.6	8.1	8.4	8.6	-----	-----	-----
1801 - 2400	-----	-----	-----	8.6	8.6	8.6	9.1	9.3	9.6	-----	-----	-----
DAILY VALUE	-----	-----	-----	6.6	7.7	8.6	7.6	8.4	9.6	-----	-----	-----
0001 - 0600	-----	-----	-----	8.6	8.6	8.6	8.6	9.1	9.6	-----	-----	-----
0601 - 1200	-----	-----	-----	7.6	7.8	8.1	7.6	7.9	8.1	-----	-----	-----
1201 - 1800	-----	-----	-----	7.1	7.3	7.6	8.6	9.1	9.6	-----	-----	-----
1801 - 2400	-----	-----	-----	6.6	6.8	7.1	9.6	9.6	9.6	-----	-----	-----
DAILY VALUE	-----	-----	-----	6.6	7.6	8.6	7.6	8.9	9.6	-----	-----	-----
0001 - 0600	-----	-----	-----	5.6	5.9	6.1	9.1	9.4	9.6	-----	-----	-----
0601 - 1200	-----	-----	-----	5.6	5.6	5.6	8.6	8.6	8.6	MONTHLY VALUE		
1201 - 1800	7.1	7.3	7.6	5.6	5.6	5.6	9.6	-----	5.6	-----	-----	-----
1801 - 2400	7.6	7.6	7.6	5.6	5.6	5.6	-----	-----	-----	5.6	-----	10.1
DAILY VALUE	7.1	-----	7.6	5.6	5.7	6.1	8.6	-----	9.6	-----	-----	-----

Table 4-C-7 Thermograph data summary, summer surface water temperature (C),
 Talkeetna River, RM 97.2, TRM 1.5, Geocode
 S26N05W24BDA.

- JUNE 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31			
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	
0001 - 0600				6.9	6.9	6.9	5.9	5.9	5.9				
0601 - 1200				6.4	6.4	6.4	5.9	6.1	6.4				
1201 - 1800				6.4	6.4	6.4	7.4	8.2	8.9				
1801 - 2400				6.9	6.9	6.9	9.4	9.4	9.4				
DAILY VALUE				6.4	6.6	6.9	5.9	7.4	9.4				
0001 - 0600				6.9	6.9	6.9	8.4	8.6	8.9				
0601 - 1200				6.9	6.9	6.9	7.9	7.9	7.9				
1201 - 1800				6.9	6.9	6.9	7.9	7.9	7.9				
1801 - 2400				6.9	6.9	6.9	7.9	7.9	7.9				
DAILY VALUE				6.9	6.9	6.9	7.9	8.1	8.9				
0001 - 0600				6.4	6.7	6.9	7.4	7.6	7.9				
0601 - 1200				5.9	6.1	6.4	7.4	7.4	7.4				
1201 - 1800				6.4	6.4	6.4	8.4	8.9	9.4				
1801 - 2400				6.4	6.4	6.4	9.4	9.4	9.4				
DAILY VALUE				5.9	6.4	6.9	7.4	8.3	9.4				
0001 - 0600				6.4	6.4	6.4	8.9	9.2	9.4				
0601 - 1200				6.4	6.4	6.4	7.4	7.9	8.4				
1201 - 1800				6.4	6.4	6.4	6.9	7.2	7.4				
1801 - 2400				6.4	6.4	6.4	6.4	6.4	6.4				
DAILY VALUE				6.4	6.4	6.4	6.4	7.7	9.4				
0001 - 0600				6.4	6.4	6.4	6.4	6.4	6.4				
0601 - 1200				5.9	6.1	6.4	6.4	6.6	6.9				
1201 - 1800				6.4	6.7	6.9	7.4	7.4	7.4				
1801 - 2400				6.9	6.9	6.9	7.9	7.9	7.9				
DAILY VALUE				5.9	6.5	6.9	6.4	7.1	7.9				
0001 - 0600				6.9	6.9	6.9	7.9	7.9	7.9				
0601 - 1200				6.9	7.1	7.4	7.4	7.6	7.9				
1201 - 1800				8.4	8.9	9.4	8.4	8.9	9.4				
1801 - 2400				8.9	9.1	9.4	8.9	9.2	9.4				
DAILY VALUE				6.9	8.0	9.4	7.4	8.4	9.4				
0001 - 0600				7.9	8.2	8.4	8.4	8.6	8.9				
0601 - 1200				7.4	7.6	7.9	8.4	8.4	8.4				
1201 - 1800				6.4	6.6	6.9	8.9	9.6	10.4				
1801 - 2400				6.4	6.4	6.4	10.4	10.4	10.4				
DAILY VALUE				6.4	7.2	8.4	8.4	9.2	10.4				
0001 - 0600				5.9	5.9	5.9	9.4	9.9	10.4				
0601 - 1200				5.9	5.9	5.9	9.4	9.4	9.4				
1201 - 1800	6.4	6.6	6.9	5.9	5.9	5.9	9.4		9.4				
1801 - 2400	6.9	6.9	6.9	5.9	5.9	5.9							
DAILY VALUE	6.4		6.9	5.9	5.9	5.9	9.4		10.4				
												MONTHLY VALUE	
												5.9	10.4

4-C-19

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	8.5	8.8	9.0	9.0	9.0	9.0	9.5	9.5	9.5	9.5	9.5	9.5
0601 - 1200	8.5	8.5	8.5	9.0	9.0	9.0	9.5	9.5	9.5	9.5	9.5	9.5
1201 - 1800	9.0	9.5	10.0	9.0	9.0	9.0	9.0	9.0	9.0	9.5	9.8	10.0
1801 - 2400	9.5	9.7	10.0	9.0	9.0	9.0	8.5	8.8	9.0	9.5	9.5	9.5
DAILY VALUE	8.5	9.1	10.0	9.0	9.0	9.0	8.5	9.2	9.5	9.5	9.6	10.0
0001 - 0600	9.0	9.3	9.5	9.0	9.0	9.0	8.5	8.5	8.5	9.0	9.3	9.5
0601 - 1200	8.5	8.7	9.0	9.0	9.0	9.0	8.5	8.5	8.5	9.0	9.2	9.5
1201 - 1800	9.0	9.3	9.5	9.0	9.0	9.0	9.0	9.0	9.0	10.0	10.3	10.5
1801 - 2400	9.5	9.5	9.5	8.5	8.7	9.0	8.5	8.8	9.0	10.0	10.2	10.5
DAILY VALUE	8.5	9.2	9.5	8.5	8.9	9.0	8.5	8.7	9.0	9.0	9.7	10.5
0001 - 0600	9.5	9.5	9.5	8.5	8.5	8.5	8.5	8.5	8.5	9.0	9.3	9.5
0601 - 1200	9.0	9.2	9.5	8.5	8.7	9.0	8.5	9.0	9.5	9.0	9.0	9.0
1201 - 1800	10.0	10.3	10.5	9.5	9.8	10.0	10.0	10.3	10.5	9.5	9.5	9.5
1801 - 2400	10.0	10.3	10.5	9.5	9.7	10.0	9.5	10.0	10.5	9.0	9.3	9.5
DAILY VALUE	9.0	9.8	10.5	8.5	9.2	10.0	8.5	9.5	10.5	9.0	9.3	9.5
0001 - 0600	9.5	9.8	10.0	9.0	9.2	9.5	9.0	9.2	9.5	8.5	8.5	8.5
0601 - 1200	9.5	9.5	9.5	8.5	9.0	9.5	9.0	9.3	9.5	9.0	9.0	9.0
1201 - 1800	10.0	10.3	10.5	10.0	10.2	10.5	10.5	10.8	11.0	9.5	9.5	9.5
1801 - 2400	10.5	10.5	10.5	10.0	10.2	10.5	10.5	10.7	11.0	8.5	9.0	9.5
DAILY VALUE	9.5	10.0	10.5	8.5	9.6	10.5	9.0	10.0	11.0	8.5	9.0	9.5
0001 - 0600	10.0	10.2	10.5	9.5	9.5	9.5	9.5	9.7	10.0	8.5	8.5	8.5
0601 - 1200	9.5	9.8	10.0	9.5	10.0	10.5	9.5	9.7	10.0	8.5	8.7	9.0
1201 - 1800	10.5	10.8	11.0	11.0	11.2	11.5	10.5	10.8	11.0	9.0	9.0	9.0
1801 - 2400	10.5	10.7	11.0	11.0	11.0	11.0	10.5	10.7	11.0	8.5	8.5	8.5
DAILY VALUE	9.5	10.4	11.0	9.5	10.4	11.5	9.5	10.2	11.0	8.5	8.7	9.0
0001 - 0600	9.5	9.8	10.0	10.5	10.7	11.0	9.5	9.7	10.0	8.5	8.5	8.5
0601 - 1200	9.5	9.5	9.5	10.5	10.8	11.0	9.0	9.2	9.5	8.5	8.5	8.5
1201 - 1800	10.0	10.3	10.5	10.5	10.5	10.5	10.0	10.2	10.5	8.5	8.5	8.5
1801 - 2400	10.5	10.5	10.5	10.0	10.3	10.5	10.0	10.0	10.0	8.0	8.3	8.5
DAILY VALUE	9.5	10.0	10.5	10.0	10.6	11.0	9.0	9.7	10.5	8.0	8.5	8.5
0001 - 0600	10.0	10.0	10.0	9.5	9.8	10.0	10.0	10.0	10.0	8.0	8.0	8.0
0601 - 1200	10.0	10.0	10.0	9.5	9.5	9.5	10.0	10.0	10.0	8.0	8.0	8.0
1201 - 1800	10.0	10.0	10.0	10.0	10.2	10.5	10.0	10.3	10.5	8.0	8.3	8.5
1801 - 2400	9.0	9.3	9.5	9.5	9.7	10.0	9.5	9.8	10.0	8.5	8.5	8.5
DAILY VALUE	9.0	9.8	10.0	9.5	9.8	10.5	9.5	10.0	10.5	8.0	8.2	8.5
0001 - 0600	8.5	8.7	9.0	9.0	9.2	9.5	9.5	9.5	9.5	MONTHLY VALUE		
0601 - 1200	8.5	8.7	9.0	9.0	9.0	9.0	9.5	9.5	9.5			
1201 - 1800	9.5	9.5	9.5	9.0	9.3	9.5	10.0	10.0	10.0	8.0	9.5	11.5
1801 - 2400	9.0	9.3	9.5	9.5	9.5	9.5	9.5	9.8	10.0			
DAILY VALUE	8.5	9.0	9.5	9.0	9.3	9.5	9.5	9.7	10.0			

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	8.0	8.3	8.5	7.1	7.1	7.1	6.1	6.1	6.1	4.1	4.1	4.1
0601 - 1200	8.0	8.2	8.5	6.6	6.8	7.1	5.6	5.8	6.1	4.1	4.1	4.1
1201 - 1800	3.5	8.8	9.0	7.1	7.4	7.6	5.6	5.6	5.6	4.1	4.1	4.1
1801 - 2400	8.5	8.7	9.0	7.6	7.6	7.6	5.6	5.6	5.6	4.1	4.4	4.6
DAILY VALUE	8.0	8.5	9.0	6.6	7.2	7.6	5.6	5.8	6.1	4.1	4.2	4.6
0001 - 0600	8.0	8.0	8.0	7.1	7.1	7.1	5.6	5.6	5.6	4.6	4.6	4.6
0601 - 1200	8.0	8.2	8.5	7.1	7.1	7.1	5.6	5.6	5.6	4.6	4.6	4.6
1201 - 1800	8.5	8.8	9.0	7.1	7.4	7.6	5.6	5.6	5.6	5.1	5.1	5.1
1801 - 2400	8.5	8.7	9.0	7.1	7.4	7.6	5.6	5.6	5.6	5.1	5.1	5.1
DAILY VALUE	8.0	8.4	9.0	7.1	7.3	7.6	5.6	5.6	5.6	4.6	4.8	5.1
0001 - 0600	8.0	8.3	8.5	7.1	7.1	7.1	6.1	6.1	6.1	4.6	4.6	4.6
0601 - 1200	8.0	8.0	8.0	7.1	7.1	7.1	6.1	6.1	6.1	4.6	4.8	5.1
1201 - 1800	8.0	8.0	8.0	7.1	7.1	7.1	6.1	6.1	6.1	5.1	5.1	5.1
1801 - 2400	8.0	8.0	8.0	6.1	6.6	7.1	6.1	6.1	6.1	4.6	4.9	5.1
DAILY VALUE	8.0	8.1	8.5	6.1	7.0	7.1	6.1	6.1	6.1	4.6	4.8	5.1
0001 - 0600	7.5	7.5	7.5	5.1	5.6	6.1	6.1	6.1	6.1	4.1	4.1	4.1
0601 - 1200	7.5	7.5	7.5	5.1	5.1	5.1	5.6	5.9	6.1	3.6	3.6	3.6
1201 - 1800	8.1	8.1	8.1	5.6	5.6	5.6	5.6	5.6	5.6	3.6	3.6	3.6
1801 - 2400	7.6	7.8	8.1	5.6	5.6	5.6	5.6	5.6	5.6	3.6	3.6	3.6
DAILY VALUE	7.5	7.7	8.1	5.1	5.5	6.1	5.6	5.8	6.1	3.6	3.7	4.1
0001 - 0600	7.1	7.1	7.1	5.1	5.1	5.1	5.6	5.6	5.6	3.6	3.6	3.6
0601 - 1200	7.1	7.1	7.1	5.6	5.6	5.6	5.6	5.6	5.6	3.6	3.9	4.1
1201 - 1800	7.1	7.1	7.1	5.6	5.9	6.1	5.6	5.6	5.6	4.1	4.1	4.1
1801 - 2400	7.1	7.1	7.1	6.1	6.1	6.1	5.6	5.6	5.6	4.1	4.1	4.1
DAILY VALUE	7.1	7.1	7.1	5.1	5.7	6.1	5.6	5.6	5.6	3.6	3.9	4.1
0001 - 0600	7.1	7.1	7.1	6.1	6.1	6.1	5.6	5.6	5.6	4.1	4.1	4.1
0601 - 1200	7.1	7.1	7.1	6.1	6.1	6.1	5.6	5.6	5.6	4.1	4.1	4.1
1201 - 1800	7.1	7.1	7.1	6.1	6.1	6.1	5.6	5.6	5.6	4.6	4.6	4.6
1801 - 2400	7.1	7.1	7.1	6.1	6.1	6.1	5.1	5.3	5.6	4.6	4.6	4.6
DAILY VALUE	7.1	7.1	7.1	6.1	6.1	6.1	5.1	5.5	5.6	4.1	4.3	4.6
0001 - 0600	7.1	7.1	7.1	6.1	6.1	6.1	4.6	4.8	5.1	-----	-----	-----
0601 - 1200	7.1	7.3	7.6	6.1	6.1	6.1	4.1	4.3	4.6	-----	-----	-----
1201 - 1800	8.1	8.4	8.6	6.1	6.4	6.6	4.6	4.9	5.1	-----	-----	-----
1801 - 2400	8.1	8.1	8.1	7.1	7.1	7.1	4.6	4.8	5.1	-----	-----	-----
DAILY VALUE	7.1	7.7	8.6	6.1	6.4	7.1	4.1	4.7	5.1	-----	-----	-----
0001 - 0600	7.6	7.6	7.6	7.1	7.1	7.1	4.1	4.1	4.1	-----	-----	-----
0601 - 1200	7.6	7.6	7.6	6.6	6.8	7.1	3.6	3.9	4.1	MONTHLY VALUE		
1201 - 1800	7.6	7.6	7.6	6.6	6.6	6.6	4.1	4.1	4.1	-----	-----	-----
1801 - 2400	7.1	7.3	7.6	6.1	6.3	6.6	4.1	4.1	4.1	3.6	6.1	9.0
DAILY VALUE	7.1	7.5	7.6	6.1	6.7	7.1	3.6	4.1	4.1	-----	-----	-----

Table 4-C-3

Thermograph data summary, summer surface water temperature (C),
 Chulitna River, RM 98.6, TRM .6, Geocode
 S26N05W14CBC.

- JUNE 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600				6.0	6.3	6.5	5.5	5.5	5.5			
0601 - 1200				6.0	6.0	6.0	5.5	5.5	5.5			
1201 - 1800				5.0	5.5	6.0	5.5	5.5	5.5			
1801 - 2400				5.0	5.0	5.0	5.5	5.7	6.0			
DAILY VALUE				5.0	5.7	6.5	5.5	5.5	6.0			
0001 - 0600				5.0	5.0	5.0	6.0	6.0	6.0			
0601 - 1200				5.0	5.0	5.0	6.0	6.0	6.0			
1201 - 1800				5.0	5.2	5.5	6.0	6.0	6.0			
1801 - 2400				5.5	5.5	5.5	6.0	6.0	6.0			
DAILY VALUE				5.0	5.2	5.5	6.0	6.0	6.0			
0001 - 0600				5.5	5.5	5.5	6.0	6.0	6.0			
0601 - 1200				5.5	5.5	5.5	6.0	6.0	6.0			
1201 - 1800				5.5	5.5	5.5	6.0	6.0	6.0			
1801 - 2400				5.5	5.5	5.5	6.0	6.0	6.0			
DAILY VALUE				5.5	5.5	5.5	6.0	6.0	6.0			
0001 - 0600				5.5	5.5	5.5	6.0	6.0	6.0			
0601 - 1200				5.5	5.5	5.5	6.0	6.0	6.0			
1201 - 1800				5.5	5.5	5.5	6.0	6.0	6.0			
1801 - 2400				5.5	5.5	5.5	6.0	6.0	6.0			
DAILY VALUE				5.5	5.5	5.5	6.0	6.0	6.0			
0001 - 0600				5.5	5.5	5.5	5.0	5.2	5.5			
0601 - 1200				5.5	5.5	5.5	5.0	5.3	5.5			
1201 - 1800				5.5	5.5	5.5	6.0	6.3	6.5			
1801 - 2400				5.5	5.8	6.0	6.5	6.5	6.5			
DAILY VALUE				5.5	5.6	6.0	5.0	5.8	6.5			
0001 - 0600				6.0	6.0	6.0	6.5	6.5	6.5			
0601 - 1200				6.0	6.0	6.0	6.5	6.5	6.5			
1201 - 1800				6.0	6.3	6.5	6.5	6.5	6.5			
1801 - 2400				7.0	7.0	7.0	6.5	6.5	6.5			
DAILY VALUE				6.0	6.3	7.0	6.5	6.5	6.5			
0001 - 0600				7.0	7.0	7.0	6.5	6.5	6.5			
0601 - 1200				6.5	6.8	7.0	6.5	6.5	6.5			
1201 - 1800				6.5	6.5	6.5	6.5	6.5	6.5			
1801 - 2400				6.0	6.0	6.0	6.5	6.5	6.5			
DAILY VALUE				6.0	6.6	7.0	6.5	6.5	6.5			
0001 - 0600				5.5	5.8	6.0	6.5	6.5	6.5			
0601 - 1200				5.5	5.5	5.5	6.5	6.7	7.0			
1201 - 1800	6.5	6.5	6.5	5.5	5.5	5.5						
1801 - 2400	7.0	7.0	7.0	5.5	5.5	5.5				5.0		7.0
DAILY VALUE	6.5		7.0	5.5	5.6	6.0	6.5		7.0			

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600										6.5	6.7	7.0
0601 - 1200										7.0	7.0	7.0
1201 - 1800										7.0	7.0	7.0
1801 - 2400										6.5	6.7	7.0
DAILY VALUE										6.5	6.8	7.0
0001 - 0600										6.0	6.3	6.5
0601 - 1200										5.5	5.7	6.0
1201 - 1800										5.5	5.5	5.5
1801 - 2400										5.5	5.5	5.5
DAILY VALUE										5.5	5.7	6.5
0001 - 0600										6.0	6.0	6.0
0601 - 1200										6.0	6.2	6.5
1201 - 1800										6.5	6.5	6.5
1801 - 2400										6.5	6.5	6.5
DAILY VALUE										6.0	6.3	6.5
0001 - 0600										6.5	6.5	6.5
0601 - 1200										6.0	6.3	6.5
1201 - 1800										5.5	5.8	6.0
1801 - 2400										5.5	5.5	5.5
DAILY VALUE										5.5	6.0	6.5
0001 - 0600										5.5	5.5	5.5
0601 - 1200										5.5	5.8	6.0
1201 - 1800										6.0	6.0	6.0
1801 - 2400										6.5	6.5	6.5
DAILY VALUE										5.5	6.0	6.5
0001 - 0600										6.5	6.5	6.5
0601 - 1200										6.5	6.5	6.5
1201 - 1800										6.5	6.5	6.5
1801 - 2400							7.5	7.5	7.5	6.0	6.0	6.0
DAILY VALUE							7.5	7.5	7.5	6.0	6.4	6.5
0001 060							7.5	7.5	7.5	5.5	5.5	5.5
0601 120							7.5	7.8	8.0	5.5	5.5	5.5
1201 180							7.5	7.5	7.5	5.5	5.8	6.0
1801 - 2400							7.0	7.2	7.5	6.0	6.2	6.5
DAILY VALUE							7.0	7.5	8.0	5.5	5.7	6.5
0001 - 0600							6.5	6.5	6.5	MONTHLY VALUE		
0601 - 1200							6.5	6.5	6.5			
1201 - 1800							6.5	6.5	6.5	5.5 8.0		
1801 - 2400							6.5	6.5	6.5			
DAILY VALUE							6.5	6.5	6.5			

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	6.5	6.5	6.5	6.0	6.3	6.5	4.5	5.0	5.5	2.5	2.8	3.0
0601 - 1200	6.5	6.7	7.0	6.0	6.2	6.5	4.5	4.5	4.5	2.5	-----	2.5
1201 - 1800	7.0	7.0	7.0	8.5	-----	8.5	4.5	4.5	4.5	-----	-----	-----
1801 - 2400	7.0	7.0	7.0	6.5	7.0	7.5	4.0	4.3	4.5	-----	-----	-----
DAILY VALUE	6.5	6.8	7.0	6.0	6.7	8.5	4.0	4.6	5.5	2.5	-----	3.0
0001 - 0600	6.5	6.5	6.5	5.5	5.8	6.0	4.0	4.0	4.0	-----	-----	-----
0601 - 1200	5.5	5.7	6.0	5.5	6.2	7.5	4.0	4.0	4.0	-----	-----	-----
1201 - 1800	5.5	5.5	5.5	7.5	7.7	8.0	4.0	4.2	4.5	-----	-----	-----
1801 - 2400	5.5	5.5	5.5	6.5	6.8	7.5	4.5	4.5	4.5	-----	-----	-----
DAILY VALUE	5.5	5.8	6.5	5.5	6.6	8.0	4.0	4.2	4.5	-----	-----	-----
0001 - 0600	5.5	5.5	5.5	6.0	6.0	6.0	4.0	4.2	4.5	-----	-----	-----
0601 - 1200	6.0	6.0	6.0	6.0	6.2	6.5	4.0	4.0	4.0	-----	-----	-----
1201 - 1800	6.0	6.0	6.0	5.5	6.2	6.5	4.0	4.2	4.5	-----	-----	-----
1801 - 2400	6.0	6.0	6.0	4.5	4.8	5.0	4.5	4.5	4.5	-----	-----	-----
DAILY VALUE	5.5	5.9	6.0	4.5	5.8	6.5	4.0	4.2	4.5	-----	-----	-----
0001 - 0600	5.5	5.8	6.0	4.0	4.3	4.5	4.5	4.5	4.5	-----	-----	-----
0601 - 1200	5.5	5.5	5.5	4.0	4.0	4.0	4.5	4.5	4.5	-----	-----	-----
1201 - 1800	6.0	6.0	6.0	4.0	4.2	4.5	4.5	4.5	4.5	-----	-----	-----
1801 - 2400	6.5	6.5	6.5	4.5	4.5	4.5	4.5	4.5	4.5	-----	-----	-----
DAILY VALUE	5.5	6.0	6.5	4.0	4.2	4.5	4.5	4.5	4.5	-----	-----	-----
0001 - 0600	5.5	6.0	6.5	4.5	4.5	4.5	4.0	4.2	4.5	-----	-----	-----
0601 - 1200	5.5	5.5	5.5	4.5	4.5	4.5	4.0	4.0	4.0	-----	-----	-----
1201 - 1800	5.5	5.5	5.5	4.5	4.5	4.5	4.0	4.2	4.5	-----	-----	-----
1801 - 2400	5.5	5.8	6.0	4.5	4.5	4.5	4.5	4.5	4.5	-----	-----	-----
DAILY VALUE	5.5	5.7	6.5	4.5	4.5	4.5	4.0	4.2	4.5	-----	-----	-----
0001 - 0600	5.5	5.8	6.0	4.5	4.5	4.5	4.0	4.0	4.0	-----	-----	-----
0601 - 1200	5.5	5.5	5.5	4.5	4.5	4.5	3.5	3.5	3.5	-----	-----	-----
1201 - 1800	6.0	6.0	6.0	4.5	4.5	4.5	3.5	3.8	4.0	-----	-----	-----
1801 - 2400	6.0	6.0	6.0	4.5	4.5	4.5	4.0	4.0	4.0	-----	-----	-----
DAILY VALUE	5.5	5.8	6.0	4.5	4.5	4.5	3.5	3.8	4.0	-----	-----	-----
0001 - 0600	5.5	5.7	6.0	4.5	4.5	4.5	3.5	3.7	4.0	-----	-----	-----
0601 - 1200	5.5	5.7	6.0	4.5	4.7	5.0	3.0	3.3	3.5	-----	-----	-----
1201 - 1800	6.5	6.5	6.5	5.5	5.5	5.5	3.5	3.5	3.5	-----	-----	-----
1801 - 2400	6.5	6.8	7.0	6.0	6.2	6.5	3.5	3.7	4.0	-----	-----	-----
DAILY VALUE	5.5	6.2	7.0	4.5	5.2	6.5	3.0	3.5	4.0	-----	-----	-----
0001 - 0600	6.0	6.3	6.5	6.0	6.3	6.5	2.5	3.0	3.5	-----	-----	-----
0601 - 1200	5.5	5.8	6.5	6.0	6.0	6.0	2.5	2.5	2.5	MONTHLY VALUE		
1201 - 1800	6.5	6.8	7.0	6.0	6.0	6.0	2.5	2.5	2.5	-----	-----	-----
1801 - 2400	6.5	6.8	7.0	5.5	5.8	6.0	3.0	3.0	3.0	2.5	5.1	8.5
DAILY VALUE	5.5	6.5	7.0	5.5	6.0	6.5	2.5	2.7	3.5	-----	-----	-----

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600							0.0	0.0	0.0			
0601 - 1200							0.0	0.0	0.0			
1201 - 1800				1.0	1.2	1.5	0.0	0.0	0.0			
1801 - 2400				1.5	1.5	1.5	0.0	0.0	0.0			
DAILY VALUE				1.0		1.5	0.0	0.0	0.0			
0001 - 0600				1.5	1.5	1.5	0.0	0.0	0.0			
0601 - 1200				1.5	1.5	1.5	0.0	0.0	0.0			
1201 - 1800				1.5	1.5	1.5	0.0	0.0	0.0			
1801 - 2400				1.0	1.2	1.5	0.0	0.0	0.0			
DAILY VALUE				1.0	1.4	1.5	0.0	0.0	0.0			
0001 - 0600				1.0	1.0	1.0	0.0	0.0	0.0			
0601 - 1200				1.0	1.0	1.0	0.0	0.0	0.0			
1201 - 1800				1.0	1.0	1.0	0.0	0.0	0.0			
1801 - 2400				.5	.7	1.0	0.0	0.0	0.0			
DAILY VALUE				.5	.9	1.0	0.0	0.0	0.0			
0001 - 0600				.5	.5	.5	0.0	0.0	0.0			
0601 - 1200				0.0	.2	.5	0.0	0.0	0.0			
1201 - 1800				.5	.5	.5	0.0	0.0	0.0			
1801 - 2400				.5	.5	.5	0.0	0.0	0.0			
DAILY VALUE				0.0	.4	.5	0.0	0.0	0.0			
0001 - 0600				.5	.5	.5	0.0	0.0	0.0			
0601 - 1200				0.0	0.0	0.0	0.0	0.0	0.0			
1201 - 1800				0.0	0.0	0.0	0.0	0.0	0.0			
1801 - 2400				0.0	0.0	0.0	0.0	0.0	0.0			
DAILY VALUE				0.0	.1	.5	0.0	0.0	0.0			
0001 - 0600				0.0	0.0	0.0	0.0	0.0	0.0			
0601 - 1200				0.0	0.0	0.0	0.0	0.0	0.0			
1201 - 1800				0.0	0.0	0.0	0.0	0.0	0.0			
1801 - 2400				0.0	0.0	0.0	0.0	0.0	0.0			
DAILY VALUE				0.0	0.0	0.0	0.0	0.0	0.0			
0001 - 0600				0.0	0.0	0.0						
0601 - 1200				0.0	0.0	0.0						
1201 - 1800				0.0	0.0	0.0						
1801 - 2400				0.0	0.0	0.0						
DAILY VALUE				0.0	0.0	0.0						
0001 - 0600				0.0	0.0	0.0						
0601 - 1200				0.0	0.0	0.0						
1201 - 1800				0.0	0.0	0.0						
1801 - 2400				0.0	0.0	0.0						
DAILY VALUE				0.0	0.0	0.0						
0001 - 0600				0.0	0.0	0.0						
0601 - 1200				0.0	0.0	0.0						
1201 - 1800				0.0	0.0	0.0						
1801 - 2400				0.0	0.0	0.0						
DAILY VALUE				0.0	0.0	0.0						
										MONTHLY VALUE		
										0.0		1.5

Table 4-C-9

Thermograph data summary, summer surface water temperature (C),
 Talkeetna Fishwheel, RM 103.0, Geocode S27N05W26DDD.

- JUNE 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600										12.1	12.3	12.6
0601 - 1200										12.1	12.4	13.1
1201 - 1800										13.6	13.8	14.1
1801 - 2400										13.1	13.6	14.1
DAILY VALUE										12.1	13.0	14.1
0001 - 0600										12.6	12.8	13.1
0601 - 1200										12.6	12.8	13.1
1201 - 1800										13.6	13.6	13.6
1801 - 2400										13.6	13.6	13.6
DAILY VALUE										12.6	13.2	13.6
0001 - 0600										12.6	13.1	13.6
0601 - 1200										12.6	12.6	12.6
1201 - 1800										12.6	12.9	13.1
1801 - 2400										12.6	12.6	12.6
DAILY VALUE										12.6	12.8	13.6
0001 - 0600										12.6	12.6	12.6
0601 - 1200										12.6	12.6	12.6
1201 - 1800										12.6	12.6	12.6
1801 - 2400										12.6	12.6	12.6
DAILY VALUE										12.6	12.6	12.6
0001 - 0600										12.1	12.1	12.1
0601 - 1200										11.6	11.6	11.6
1201 - 1800										12.1	12.1	12.1
1801 - 2400										12.1	12.1	12.1
DAILY VALUE										11.6	12.0	12.1
0001 - 0600										11.1	11.4	11.6
0601 - 1200										11.1	11.4	11.6
1201 - 1800										11.6	11.9	12.1
1801 - 2400										11.1	11.4	11.6
DAILY VALUE										11.1	11.6	12.1
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												
1201 - 1800							12.6	12.9	13.1			
1801 - 2400							12.6	12.9	13.1	11.1		14.1
DAILY VALUE							12.6		13.1			

- JULY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	10.6	10.8	11.1	12.4	12.6	12.9	9.9	9.9	9.9	9.4	9.4	9.4
0601 - 1200	10.6	10.8	11.1	12.4	12.9	13.4	9.4	9.9	10.4	9.4	9.4	9.4
1201 - 1800	11.1	11.3	11.6	13.9	13.9	13.9	10.9	11.2	11.4	9.4	9.4	9.4
1801 - 2400	10.1	10.6	11.1	13.9	13.9	13.9	10.4	10.7	11.4	9.4	9.4	9.4
DAILY VALUE	10.1	10.8	11.6	12.4	13.3	13.9	9.4	10.4	11.4	9.4	9.4	9.4
0001 - 0600	9.6	9.9	10.1	12.9	13.1	13.4	10.4	10.4	10.4	8.9	9.1	9.4
0601 - 1200	9.6	9.9	10.1	12.4	12.6	12.9	10.4	10.4	10.4	8.9	9.1	9.4
1201 - 1800	10.6	10.9	11.1	11.9	12.1	12.4	10.9	10.9	10.9	9.9	9.9	9.9
1801 - 2400	10.6	10.9	11.1	11.4	11.7	11.9	10.4	10.6	10.9	9.4	9.6	9.9
DAILY VALUE	9.6	10.4	11.1	11.4	12.4	13.4	10.4	10.6	10.9	8.9	9.4	9.9
0001 - 0600	8.6	9.3	10.1	11.4	11.4	11.4	9.9	9.9	9.9	9.4	9.6	9.9
0601 - 1200	-----	-----	-----	11.4	11.4	11.4	10.4	11.2	11.9	9.9	10.2	10.4
1201 - 1800	-----	-----	-----	11.4	11.4	11.4	12.4	12.7	12.9	10.9	10.9	10.9
1801 - 2400	-----	-----	-----	10.9	11.1	11.4	11.9	12.1	12.4	10.4	10.4	10.4
DAILY VALUE	8.6	-----	10.1	10.9	11.3	11.4	9.9	11.5	12.9	9.4	10.3	10.9
0001 - 0600	-----	-----	-----	10.4	10.4	10.4	11.4	11.6	11.9	10.4	10.4	10.4
0601 - 1200	-----	-----	-----	10.4	10.7	10.9	11.9	12.6	13.4	10.4	11.1	11.9
1201 - 1800	-----	-----	-----	10.9	11.2	11.4	13.9	14.1	14.4	12.4	12.4	12.4
1801 - 2400	-----	-----	-----	10.9	11.1	11.4	13.4	13.7	13.9	11.9	11.9	11.9
DAILY VALUE	-----	-----	-----	10.4	10.9	11.4	11.4	13.0	14.4	10.4	11.4	12.4
0001 - 0600	-----	-----	-----	10.9	10.9	10.9	12.9	13.1	13.4	11.9	11.9	11.9
0601 - 1200	-----	-----	-----	10.9	11.1	11.4	12.9	13.2	13.4	11.9	11.9	11.9
1201 - 1800	-----	-----	-----	11.9	11.9	11.9	12.9	13.2	13.4	11.9	12.1	12.4
1801 - 2400	-----	-----	-----	11.4	11.6	11.9	12.4	12.6	12.9	11.4	11.6	11.9
DAILY VALUE	-----	-----	-----	10.9	11.4	11.9	12.4	13.0	13.4	11.4	11.9	12.4
0001 - 0600	-----	-----	-----	10.9	10.9	10.9	11.9	12.1	12.4	10.9	11.2	11.4
0601 - 1200	-----	-----	-----	11.4	11.4	11.4	11.9	12.2	12.4	10.9	10.9	10.9
1201 - 1800	-----	-----	-----	11.4	11.7	11.9	12.4	12.4	12.4	10.9	10.9	10.9
1801 - 2400	-----	-----	-----	11.4	11.4	11.4	11.9	11.9	11.9	10.4	10.6	10.9
DAILY VALUE	-----	-----	-----	10.9	11.4	11.9	11.9	12.1	12.4	10.4	10.9	11.4
0001 - 0600	-----	-----	-----	10.9	10.9	10.9	10.9	11.1	11.4	9.9	9.9	9.9
0601 - 1200	-----	-----	-----	10.4	10.7	10.9	10.9	10.9	10.9	9.9	10.4	10.9
1201 - 1800	14.9	14.9	14.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.2	11.4
1801 - 2400	13.4	13.9	14.4	10.9	10.9	10.9	10.4	10.4	10.4	10.4	10.4	10.4
DAILY VALUE	13.4	-----	14.9	10.4	10.9	10.9	10.4	10.8	11.4	9.9	10.5	11.4
0001 - 0600	12.4	12.7	12.9	10.4	10.4	10.4	9.9	9.9	9.9	-----	-----	-----
0601 - 1200	12.9	13.2	13.4	10.4	10.4	10.4	9.9	9.9	9.9	MONTHLY VALUE		
1201 - 1800	13.9	13.9	13.9	10.9	10.9	10.9	9.9	9.9	9.9	-----	-----	-----
1801 - 2400	12.9	13.2	13.4	10.4	10.6	10.9	9.9	9.9	9.9	8.6	11.3	14.9
DAILY VALUE	12.4	13.3	13.9	10.4	10.6	10.9	9.9	9.9	9.9	-----	-----	-----

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	9.9	10.1	10.4	10.9	11.1	11.4	10.4	10.7	10.9	11.4	11.7	11.9
0601 - 1200	9.9	10.4	10.9	10.4	10.6	10.9	10.4	10.4	10.4	11.4	11.4	11.4
1201 - 1800	11.4	11.4	11.4	10.4	10.4	10.4	10.4	10.7	10.9	11.4	11.7	11.9
1801 - 2400	10.4	10.9	11.4	9.9	10.2	10.4	10.4	10.7	10.9	11.9	11.9	11.9
DAILY VALUE	9.9	10.7	11.4	9.9	10.6	11.4	10.4	10.6	10.9	11.4	11.7	11.9
0001 - 0600	9.9	10.2	10.4	9.4	9.7	9.9	9.9	10.1	10.4	10.9	11.1	11.4
0601 - 1200	9.9	10.6	11.4	9.4	9.4	9.4	9.9	9.9	9.9	10.9	11.1	11.4
1201 - 1800	11.4	11.7	11.9	9.9	9.9	9.9	10.4	10.6	10.9	11.9	12.2	12.4
1801 - 2400	10.9	11.4	11.9	9.9	9.9	9.9	10.4	10.4	10.4	10.9	11.2	11.4
DAILY VALUE	9.9	11.0	11.9	9.4	9.7	9.9	9.9	10.2	10.9	10.9	11.4	12.4
0001 - 0600	10.4	10.6	10.9	9.4	9.4	9.4	9.9	10.1	10.4	9.9	10.4	10.9
0601 - 1200	10.4	10.9	11.4	9.4	9.6	9.9	9.9	10.1	10.4	9.9	10.1	10.4
1201 - 1800	12.4	12.4	12.4	10.4	10.9	11.4	10.9	11.2	11.4	10.9	11.2	11.4
1801 - 2400	11.4	11.9	12.4	10.9	11.1	11.4	10.9	11.1	11.4	10.9	11.2	11.4
DAILY VALUE	10.4	11.4	12.4	9.4	10.2	11.4	9.9	10.6	11.4	9.9	10.7	11.4
0001 - 0600	10.9	10.9	10.9	9.4	9.9	10.4	9.9	10.1	10.4	9.9	10.1	10.4
0601 - 1200	10.9	11.4	11.9	9.4	9.6	9.9	9.9	10.2	10.9	9.4	9.7	9.9
1201 - 1800	-----	-----	-----	10.9	11.2	11.4	11.4	12.1	12.4	10.4	10.7	10.9
1801 - 2400	12.4	12.9	13.4	10.9	11.4	11.9	11.9	12.2	12.4	10.9	10.9	10.9
DAILY VALUE	10.9	11.7	13.4	9.4	10.5	11.9	9.9	11.1	12.4	9.4	10.4	10.9
0001 - 0600	10.9	11.4	11.9	9.9	10.4	10.9	10.9	11.4	11.9	9.9	10.2	10.4
0601 - 1200	10.9	11.4	11.9	9.9	10.4	10.9	10.9	11.1	11.4	9.9	9.9	9.9
1201 - 1800	12.4	12.9	13.4	11.9	12.4	12.9	12.4	12.7	12.9	9.9	10.2	10.4
1801 - 2400	12.4	12.9	13.4	12.4	12.7	12.9	12.4	12.7	12.9	9.9	10.2	10.4
DAILY VALUE	10.9	12.1	13.4	9.9	11.5	12.9	10.9	12.0	12.9	9.9	10.1	10.4
0001 - 0600	10.9	11.4	11.9	11.9	12.1	12.4	10.9	11.4	11.9	9.9	9.9	9.9
0601 - 1200	10.9	11.4	11.9	11.4	11.6	11.9	10.9	11.1	11.4	9.4	9.4	9.4
1201 - 1800	12.4	12.9	13.4	11.9	12.2	12.4	11.9	12.2	12.4	9.4	9.4	9.4
1801 - 2400	12.4	12.7	12.9	11.9	12.2	12.4	12.4	12.4	12.4	9.4	9.4	9.4
DAILY VALUE	10.9	12.1	13.4	11.4	12.0	12.4	10.9	11.8	12.4	9.4	9.5	9.9
0001 - 0600	11.4	11.6	11.9	11.4	11.7	11.9	11.9	11.9	11.9	8.9	8.9	8.9
0601 - 1200	11.4	11.6	11.9	11.4	11.4	11.4	11.4	11.6	11.9	8.9	8.9	8.9
1201 - 1800	11.9	11.9	11.9	11.9	12.2	12.4	11.9	12.2	12.4	8.9	8.9	8.9
1801 - 2400	11.4	11.7	11.9	11.9	12.1	12.4	11.9	12.2	12.4	8.9	8.9	8.9
DAILY VALUE	11.4	11.7	11.9	11.4	11.9	12.4	11.4	12.0	12.4	8.9	8.9	8.9
0001 - 0600	10.4	10.9	11.4	10.9	11.4	11.9	11.4	11.7	11.9	-----		
0601 - 1200	10.9	11.1	11.4	10.9	11.1	11.4	11.4	11.6	11.9	MONTHLY VALUE		
1201 - 1800	11.9	11.9	11.9	11.9	12.2	12.4	11.9	12.1	12.4	-----		
1801 - 2400	11.4	11.7	11.9	11.9	12.1	12.4	11.9	11.9	11.9	8.9	11.1	13.4
DAILY VALUE	10.4	11.4	11.9	10.9	11.7	12.4	11.4	11.8	12.4	-----		

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	8.4	8.7	8.9	8.4	8.7	8.9	-----	-----	-----	4.4	4.6	4.9
0601 - 1200	8.4	8.6	8.9	8.4	8.4	8.4	-----	-----	-----	4.4	4.4	4.4
1201 - 1800	9.4	9.7	9.9	8.4	8.7	8.9	-----	-----	-----	4.9	4.9	4.9
1801 - 2400	8.9	9.1	9.4	8.4	8.6	8.9	-----	-----	-----	4.9	4.9	4.9
DAILY VALUE	8.4	9.0	9.9	8.4	8.6	8.9	-----	-----	-----	4.4	4.7	4.9
0001 - 0600	8.4	8.6	8.9	7.9	8.1	8.4	-----	-----	-----	4.9	4.9	4.9
0601 - 1200	8.4	8.6	8.9	7.9	7.9	7.9	-----	-----	-----	4.9	4.9	4.9
1201 - 1800	8.9	8.9	8.9	8.4	8.4	8.4	-----	-----	-----	4.9	4.9	4.9
1801 - 2400	8.9	8.9	8.9	7.9	8.1	8.4	-----	-----	-----	4.9	4.9	4.9
DAILY VALUE	8.4	8.7	8.9	7.9	8.1	8.4	-----	-----	-----	4.9	4.9	4.9
0001 - 0600	8.4	8.7	8.9	7.4	7.7	7.9	-----	-----	-----	4.9	4.9	4.9
0601 - 1200	8.4	8.4	8.4	7.4	7.4	7.4	-----	-----	-----	4.9	4.9	4.9
1201 - 1800	8.4	8.7	8.9	7.4	7.4	7.4	-----	-----	-----	5.4	5.4	5.4
1801 - 2400	8.9	8.9	8.9	6.9	7.1	7.4	-----	-----	-----	5.4	5.4	5.4
DAILY VALUE	8.4	8.7	8.9	6.9	7.4	7.9	-----	-----	-----	4.9	5.1	5.4
0001 - 0600	8.4	8.4	8.4	5.9	6.2	6.4	-----	-----	-----	4.9	4.9	4.9
0601 - 1200	7.9	8.2	8.4	5.9	6.1	6.4	-----	-----	-----	4.4	4.4	4.4
1201 - 1800	8.9	9.1	9.4	6.9	6.9	6.9	-----	-----	-----	4.4	4.7	4.9
1801 - 2400	8.4	8.7	8.9	6.9	6.9	6.9	-----	-----	-----	4.9	4.9	4.9
DAILY VALUE	7.9	8.6	9.4	5.9	6.5	6.9	-----	-----	-----	4.4	4.7	4.9
0001 - 0600	7.9	8.1	8.4	6.4	6.4	6.4	-----	-----	-----	4.4	4.7	4.9
0601 - 1200	7.9	7.9	7.9	6.4	6.4	6.4	-----	-----	-----	4.4	4.4	4.4
1201 - 1800	7.9	8.2	8.4	6.4	6.4	6.4	-----	-----	-----	4.9	4.9	4.9
1801 - 2400	8.4	8.4	8.4	6.4	6.4	6.4	-----	-----	-----	4.9	4.9	4.9
DAILY VALUE	7.9	8.1	8.4	6.4	6.4	6.4	-----	-----	-----	4.4	4.7	4.9
0001 - 0600	7.9	8.1	8.4	6.4	6.4	6.4	-----	-----	-----	4.9	4.9	4.9
0601 - 1200	7.9	7.9	7.9	6.4	6.6	6.9	-----	-----	-----	4.9	4.9	4.9
1201 - 1800	8.4	8.4	8.4	6.9	6.9	6.9	6.9	6.9	6.9	4.9	4.9	4.9
1801 - 2400	8.4	8.4	8.4	6.9	6.9	6.9	6.4	6.6	6.9	4.9	4.9	4.9
DAILY VALUE	7.9	8.2	8.4	6.4	6.7	6.9	6.4	-----	6.9	4.9	4.9	4.9
0001 - 0600	8.4	8.4	8.4	6.9	6.9	6.9	5.9	5.9	5.9	-----	-----	-----
0601 - 1200	8.4	8.4	8.4	6.9	6.9	6.9	5.9	5.9	5.9	-----	-----	-----
1201 - 1800	8.9	9.2	9.4	7.4	7.4	7.4	5.9	6.2	6.4	-----	-----	-----
1801 - 2400	9.4	9.4	9.4	7.4	7.4	7.4	5.4	5.7	5.9	-----	-----	-----
DAILY VALUE	8.4	8.9	9.4	6.9	7.1	7.4	5.4	5.9	6.4	-----	-----	-----
0001 - 0600	8.9	9.1	9.4	7.4	7.6	7.9	4.4	4.7	4.9	-----	-----	-----
0601 - 1200	8.9	8.9	8.9	7.4	7.7	7.9	4.4	4.6	4.9	MONTHLY VALUE		
1201 - 1800	8.9	8.9	8.9	-----	-----	-----	4.9	4.9	4.9	-----	-----	-----
1801 - 2400	8.9	8.9	8.9	-----	-----	-----	4.9	4.9	4.9	4.4	7.0	9.9
DAILY VALUE	8.9	8.9	9.4	7.4	-----	7.9	4.4	4.8	4.9	-----	-----	-----

App. Table 4C-9 Cont.

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	4.9	4.9	4.9	.9	.9	.9	.2	.2	.2	.2	.2	.2
0601 - 1200	4.4	4.4	4.4	.9	.9	.9	.2	.2	.2	.2	.2	.2
1201 - 1800	4.9	4.9	4.9	.9	.9	.9	.2	.2	.2	.2	.2	.2
1801 - 2400	4.4	4.7	4.9	.9	.9	.9	.2	.2	.2	.2	.2	.2
DAILY VALUE	4.4	4.7	4.9	.9	.9	.9	.2	.2	.2	.2	.2	.2
0001 - 0600	3.9	4.2	4.4	-----	-----	-----	.2	.2	.2	.2	.2	.2
0601 - 1200	3.9	3.9	3.9	1.2	-----	1.2	.2	.2	.2	.2	.2	.2
1201 - 1800	4.4	4.4	4.4	1.2	1.2	1.2	.2	.2	.2	.2	-----	.2
1801 - 2400	4.4	4.4	4.4	.7	1.0	1.2	.2	.2	.2	-----	-----	-----
DAILY VALUE	3.9	4.2	4.4	.7	-----	1.2	.2	.2	.2	.2	-----	.2
0001 - 0600	3.9	4.1	4.4	.7	.7	.7	.2	.2	.2	-----	-----	-----
0601 - 1200	3.9	3.9	3.9	.7	.7	.7	.2	.2	.2	-----	-----	-----
1201 - 1800	4.4	4.4	4.4	.7	.7	.7	.2	.2	.2	-----	-----	-----
1801 - 2400	3.9	4.2	4.4	.7	.7	.7	.2	.2	.2	-----	-----	-----
DAILY VALUE	3.9	4.1	4.4	.7	.7	.7	.2	.2	.2	-----	-----	-----
0001 - 0600	3.4	3.7	3.9	.2	.5	.7	.2	.2	.2	-----	-----	-----
0601 - 1200	2.9	2.9	2.9	.2	.2	.2	.2	.2	.2	-----	-----	-----
1201 - 1800	2.9	3.2	3.4	.7	.7	.7	.2	.2	.2	-----	-----	-----
1801 - 2400	2.9	3.2	3.4	.7	.7	.7	.2	.2	.2	-----	-----	-----
DAILY VALUE	2.9	3.3	3.9	.2	.5	.7	.2	.2	.2	-----	-----	-----
0001 - 0600	2.4	2.7	2.9	.2	.5	.7	.2	.2	.2	-----	-----	-----
0601 - 1200	1.9	1.9	1.9	.2	.2	.2	.2	.2	.2	-----	-----	-----
1201 - 1800	2.9	2.9	2.9	.2	.2	.2	.2	.2	.2	-----	-----	-----
1801 - 2400	2.4	2.6	2.9	.2	.2	.2	.2	.2	.2	-----	-----	-----
DAILY VALUE	1.9	2.5	2.9	.2	.3	.7	.2	.2	.2	-----	-----	-----
0001 - 0600	1.9	2.1	2.4	.2	.2	.2	.2	.2	.2	-----	-----	-----
0601 - 1200	1.4	1.4	1.4	.2	.2	.2	.2	.2	.2	-----	-----	-----
1201 - 1800	1.9	1.9	1.9	.2	.2	.2	.2	.2	.2	-----	-----	-----
1801 - 2400	1.9	1.9	1.9	.2	.2	.2	.2	.2	.2	-----	-----	-----
DAILY VALUE	1.4	1.8	2.4	.2	.2	.2	.2	.2	.2	-----	-----	-----
0001 - 0600	1.9	1.9	1.9	.2	.2	.2	.2	.2	.2	-----	-----	-----
0601 - 1200	1.4	1.6	1.9	.2	.2	.2	.2	.2	.2	-----	-----	-----
1201 - 1800	1.4	1.4	1.4	.2	.2	.2	.2	.2	.2	-----	-----	-----
1801 - 2400	1.4	1.4	1.4	.2	.2	.2	.2	.2	.2	-----	-----	-----
DAILY VALUE	1.4	1.6	1.9	.2	.2	.2	.2	.2	.2	-----	-----	-----
0001 - 0600	1.4	1.4	1.4	.2	.2	.2	.2	.2	.2	-----	-----	-----
0601 - 1200	1.4	1.4	1.4	.2	.2	.2	.2	.2	.2	MONTHLY VALUE		
1201 - 1800	1.4	1.4	1.4	.2	.2	.2	.2	.2	.2	-----	-----	-----
1801 - 2400	.9	1.1	1.4	.2	.2	.2	.2	.2	.2	.2	1.2	4.9
DAILY VALUE	.9	1.3	1.4	.2	.2	.2	.2	.2	.2	-----	-----	-----

Appendix Table 4-C-10 Thermograph data summary, summer surface water temperature (C), LRX 18, RM 113.0, Geocode S28N04W12DAB.

- JULY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	13.7	13.7	13.7	10.2	10.4	10.7	9.2	9.2	9.2
0601 - 1200	-----	-----	-----	13.7	13.7	13.7	10.2	10.2	10.2	9.2	9.2	9.2
1201 - 1800	-----	-----	-----	14.2	14.5	14.7	10.7	11.2	11.7	9.2	9.2	9.2
1801 - 2400	-----	-----	-----	14.2	14.5	14.7	11.2	11.4	11.7	9.2	9.2	9.2
DAILY VALUE	-----	-----	-----	13.7	14.1	14.7	10.2	10.8	11.7	9.2	9.2	9.2
0001 - 0600	-----	-----	-----	13.2	13.5	13.7	10.7	10.9	11.2	8.7	9.0	9.2
0601 - 1200	-----	-----	-----	12.7	13.0	13.2	10.7	10.9	11.2	8.7	9.0	9.2
1201 - 1800	-----	-----	-----	12.7	12.7	12.7	11.2	11.2	11.2	9.2	9.5	9.7
1801 - 2400	-----	-----	-----	12.2	12.4	12.7	11.2	11.2	11.2	9.2	9.4	9.7
DAILY VALUE	-----	-----	-----	12.2	12.9	13.7	10.7	11.0	11.2	8.7	9.2	9.7
0001 - 0600	-----	-----	-----	11.7	12.0	12.2	10.7	10.7	10.7	9.2	9.5	9.7
0601 - 1200	-----	-----	-----	11.7	11.7	11.7	10.7	11.2	11.7	9.7	9.7	9.7
1201 - 1800	-----	-----	-----	11.7	11.9	12.2	12.2	12.5	12.7	10.2	10.2	10.2
1801 - 2400	-----	-----	-----	11.2	11.5	11.7	12.2	12.5	12.7	10.2	10.2	10.2
DAILY VALUE	-----	-----	-----	11.2	11.8	12.2	10.7	11.7	12.7	9.2	9.9	10.2
0001 - 0600	-----	-----	-----	10.7	11.0	11.2	12.2	12.2	12.2	9.7	10.0	10.2
0601 - 1200	-----	-----	-----	11.2	11.2	11.2	12.2	12.4	12.7	10.2	10.4	10.7
1201 - 1800	-----	-----	-----	11.7	11.7	11.7	13.7	14.0	14.2	11.2	11.5	11.7
1801 - 2400	-----	-----	-----	11.2	11.5	11.7	13.7	14.0	14.2	11.7	11.7	11.7
DAILY VALUE	-----	-----	-----	10.7	11.4	11.7	12.2	13.2	14.2	9.7	10.9	11.7
0001 - 0600	-----	-----	-----	11.2	11.2	11.2	13.7	13.7	13.7	11.2	11.5	11.7
0601 - 1200	-----	-----	-----	11.2	11.4	11.7	13.7	13.7	13.7	11.7	11.7	11.7
1201 - 1800	-----	-----	-----	11.7	12.0	12.2	13.2	13.5	13.7	11.7	11.7	11.7
1801 - 2400	-----	-----	-----	11.7	11.9	12.2	12.7	13.0	13.2	11.2	11.4	11.7
DAILY VALUE	-----	-----	-----	11.2	11.6	12.2	12.7	13.5	13.7	11.2	11.6	11.7
0001 - 0600	-----	-----	-----	11.7	11.7	11.7	12.2	12.4	12.7	10.7	11.0	11.2
0601 - 1200	-----	-----	-----	11.7	11.7	11.7	12.2	12.2	12.2	10.7	10.7	10.7
1201 - 1800	-----	-----	-----	11.7	12.0	12.2	12.7	12.7	12.7	10.7	10.7	10.7
1801 - 2400	-----	-----	-----	11.7	11.9	12.2	12.2	12.2	12.2	10.2	10.2	10.2
DAILY VALUE	-----	-----	-----	11.7	11.8	12.2	12.2	12.4	12.7	10.2	10.7	11.2
0001 - 0600	-----	-----	-----	11.2	11.4	11.7	11.2	11.4	11.7	9.7	9.7	9.7
0601 - 1200	-----	-----	-----	11.2	11.2	11.2	10.7	10.7	10.7	9.7	9.9	10.2
1201 - 1800	-----	-----	-----	11.7	11.7	11.7	10.7	10.7	10.7	10.2	10.4	10.5
1801 - 2400	14.2	14.7	15.2	11.2	11.4	11.7	10.2	10.4	10.7	9.5	9.8	10.0
DAILY VALUE	14.2	-----	15.2	11.2	11.4	11.7	10.2	10.8	11.7	9.5	9.9	10.5
0001 - 0600	13.2	13.4	13.7	10.7	10.9	11.2	9.7	9.9	10.2	-----		
0601 - 1200	13.2	13.7	14.2	10.7	10.9	11.2	9.7	9.7	9.7	MONTHLY VALUE		
1201 - 1800	14.2	14.2	14.2	11.2	11.2	11.2	9.7	9.9	10.2	-----		
1801 - 2400	13.7	14.0	14.2	10.7	11.0	11.2	9.7	9.7	9.7	8.7	11.5	15.2
DAILY VALUE	13.2	13.8	14.2	10.7	11.0	11.2	9.7	9.8	10.2	-----		

4-C-33

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	9.0	9.3	9.5	10.0	10.2	10.5	10.0	10.0	10.0	10.8	10.8	10.8
0601 - 1200	9.0	9.2	9.5	10.0	10.0	10.0	10.0	10.0	10.0	10.8	10.8	10.8
1201 - 1800	10.0	10.3	10.5	10.0	10.0	10.0	10.3	10.3	10.3	10.8	11.1	11.3
1801 - 2400	9.5	10.0	10.5	9.5	9.8	10.0	9.8	10.0	10.3	10.3	10.8	11.3
DAILY VALUE	9.0	9.7	10.5	9.5	10.0	10.5	9.8	10.1	10.3	10.3	10.9	11.3
0001 - 0600	9.0	9.2	9.5	9.0	9.3	9.5	8.8	9.1	9.3	10.3	10.3	10.3
0601 - 1200	9.0	9.5	10.0	9.0	9.2	9.5	8.8	9.1	9.3	10.3	10.3	10.3
1201 - 1800	10.5	10.5	10.5	9.5	9.5	9.5	9.8	9.8	9.8	10.8	11.1	11.3
1801 - 2400	10.0	10.3	10.5	9.5	9.5	9.5	9.3	9.6	9.8	10.3	10.8	11.3
DAILY VALUE	9.0	9.9	10.5	9.0	9.4	9.5	8.8	9.4	9.6	10.3	10.6	11.3
0001 - 0600	9.5	9.5	9.5	9.0	9.0	9.0	9.3	9.3	9.3	9.3	9.5	9.8
0601 - 1200	9.5	9.8	10.0	9.0	9.2	9.5	9.3	9.5	9.8	8.8	9.3	9.8
1201 - 1800	10.5	10.8	11.0	10.0	10.3	10.5	10.3	10.6	10.8	10.3	10.6	10.8
1801 - 2400	10.5	10.7	11.0	9.5	10.0	10.5	9.8	10.0	10.3	9.3	9.8	10.3
DAILY VALUE	9.5	10.2	11.0	9.0	9.6	10.5	9.3	9.8	10.8	8.8	9.8	10.8
0001 - 0600	9.5	9.7	10.0	9.0	9.2	9.5	9.3	9.3	9.3	8.8	9.0	9.3
0601 - 1200	9.5	10.0	10.5	9.0	9.2	9.5	9.3	9.6	10.3	8.8	9.1	9.3
1201 - 1800	11.0	11.5	12.0	10.0	10.5	11.0	10.8	11.3	11.8	9.8	10.1	10.3
1801 - 2400	11.0	11.3	11.5	10.0	10.3	10.5	10.8	11.3	11.8	9.8	10.0	10.3
DAILY VALUE	9.5	10.6	12.0	9.0	9.8	11.0	9.3	10.4	11.8	8.8	9.5	10.3
0001 - 0600	10.5	10.5	10.5	9.5	9.7	10.0	9.8	10.1	10.3	9.3	9.3	9.3
0601 - 1200	10.5	10.7	11.0	9.5	10.0	10.5	9.8	10.3	10.8	9.3	9.3	9.3
1201 - 1800	11.5	11.8	12.0	11.0	11.7	12.0	11.3	11.6	11.8	9.7	9.7	9.7
1801 - 2400	11.0	11.5	12.0	11.5	11.7	12.0	11.3	11.5	11.8	9.7	9.7	9.7
DAILY VALUE	10.5	11.1	12.0	9.5	10.7	12.0	9.8	10.9	11.8	9.3	9.5	9.7
0001 - 0600	10.5	10.5	10.5	11.0	11.0	11.0	9.8	10.1	10.3	9.2	9.2	9.2
0601 - 1200	10.5	10.8	11.5	11.0	11.0	11.0	9.8	10.1	10.3	9.2	9.2	9.2
1201 - 1800	11.5	11.8	12.0	11.5	11.5	11.5	11.3	11.6	11.8	9.2	9.2	9.2
1801 - 2400	11.5	11.7	12.0	11.0	11.3	11.5	11.3	11.5	11.8	9.2	9.2	9.2
DAILY VALUE	10.5	11.2	12.0	11.0	11.2	11.5	9.8	10.8	11.8	9.2	9.2	9.2
0001 - 0600	10.5	10.7	11.0	10.5	10.8	11.0	10.8	10.8	10.8	8.2	8.5	8.7
0601 - 1200	10.5	10.8	11.0	10.5	10.7	11.0	10.8	11.0	11.3	8.2	8.2	8.2
1201 - 1800	11.0	11.3	11.5	11.5	11.5	11.5	11.3	11.3	11.3	8.2	8.5	8.7
1801 - 2400	10.5	10.8	11.0	11.0	11.3	11.5	11.3	11.3	11.3	8.2	8.4	8.7
DAILY VALUE	10.5	10.9	11.5	10.5	11.1	11.5	10.8	11.1	11.3	8.2	8.4	8.7
0001 - 0600	10.0	10.3	10.5	10.5	10.5	10.5	10.8	10.8	10.8	MONTHLY VALUE		
0601 - 1200	10.0	10.3	10.5	10.5	10.7	11.0	10.8	10.8	10.8			
1201 - 1800	11.5	11.5	11.5	11.0	11.3	11.5	11.3	11.3	11.3	8.2 10.3 12.0		
1801 - 2400	10.5	10.8	11.0	10.5	10.7	11.0	11.3	11.3	11.3			
DAILY VALUE	10.0	10.7	11.5	10.5	10.8	11.5	10.8	11.0	11.3			

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	8.2	8.2	8.2	8.2	8.2	8.2	7.2	7.2	7.2	4.0	4.3	4.5
0601 - 1200	8.2	8.2	8.2	7.7	7.7	7.7	7.2	7.2	7.2	4.0	4.2	4.5
1201 - 1800	8.7	8.7	8.7	7.7	8.0	8.2	7.2	7.5	8.0	4.5	4.5	4.5
1801 - 2400	8.7	8.7	8.7	8.2	8.2	8.2	7.0	7.3	7.5	4.5	4.5	4.5
DAILY VALUE	8.2	8.4	8.7	7.7	8.0	8.2	7.0	7.3	8.0	4.0	4.4	4.5
0001 - 0600	8.2	8.2	8.2	7.7	7.7	7.7	7.0	7.0	7.0	4.5	4.5	4.5
0601 - 1200	8.2	8.2	8.2	7.7	7.7	7.7	7.0	7.0	7.0	4.5	4.5	4.5
1201 - 1800	8.2	8.4	8.7	7.7	7.7	7.7	7.0	7.0	7.0	4.5	4.8	5.0
1801 - 2400	8.2	8.5	8.7	7.7	7.7	7.7	6.5	6.7	7.0	5.0	5.0	5.0
DAILY VALUE	8.2	8.3	8.7	7.7	7.7	7.7	6.5	6.9	7.0	4.5	4.7	5.0
0001 - 0600	8.2	8.2	8.2	7.2	7.5	7.7	6.5	6.5	6.5	5.0	5.0	5.0
0601 - 1200	7.7	8.0	8.2	7.2	7.2	7.2	6.5	6.7	7.0	5.0	5.0	5.0
1201 - 1800	8.2	8.2	8.2	7.2	7.2	7.2	7.0	7.0	7.0	5.0	5.3	5.5
1801 - 2400	8.2	8.2	8.2	6.7	7.0	7.2	6.5	6.8	7.0	5.0	5.2	5.5
DAILY VALUE	7.7	8.2	8.2	6.7	7.2	7.7	6.5	6.7	7.0	5.0	5.1	5.5
0001 - 0600	7.7	7.9	8.2	6.2	6.4	6.7	6.5	6.5	6.5	4.5	4.5	4.5
0601 - 1200	7.7	7.7	7.7	5.7	5.7	5.7	6.5	6.5	6.5	4.0	4.3	4.5
1201 - 1800	7.7	8.0	8.2	6.2	6.2	6.2	7.0	7.0	7.0	4.5	4.5	4.5
1801 - 2400	7.7	8.0	8.2	6.2	6.2	6.2	6.5	6.7	7.0	4.5	4.5	4.5
DAILY VALUE	7.7	7.9	8.2	5.7	6.1	6.7	6.5	6.7	7.0	4.0	4.5	4.5
0001 - 0600	7.2	7.5	7.7	6.2	6.2	6.2	6.5	6.5	6.5	4.5	4.5	4.5
0601 - 1200	7.2	7.2	7.2	6.2	6.2	6.2	6.5	6.5	6.5	4.5	4.5	4.5
1201 - 1800	7.7	7.7	7.7	6.2	6.2	6.2	6.5	6.5	6.5	4.5	4.5	4.5
1801 - 2400	7.7	7.7	7.7	6.2	6.2	6.2	6.5	6.5	6.5	4.5	4.5	4.5
DAILY VALUE	7.2	7.5	7.7	6.2	6.2	6.2	6.5	6.5	6.5	4.5	4.5	4.5
0001 - 0600	7.7	7.7	7.7	6.2	6.2	6.2	6.5	6.5	6.5	4.5	4.5	4.5
0601 - 1200	7.7	7.7	7.7	6.2	6.2	6.2	6.5	6.5	6.5	4.5	4.5	4.5
1201 - 1800	7.7	7.7	7.7	6.2	6.4	6.7	6.5	6.5	6.5	4.5	4.5	4.5
1801 - 2400	7.7	7.7	7.7	6.7	6.7	6.7	6.0	6.2	6.5	4.5	4.5	4.5
DAILY VALUE	7.7	7.7	7.7	6.2	6.4	6.7	6.0	6.4	6.5	4.5	4.5	4.5
0001 - 0600	7.7	7.7	7.7	6.2	6.5	6.7	5.5	5.5	5.5	-----	-----	-----
0601 - 1200	7.7	7.7	7.7	6.2	6.4	6.7	5.5	5.5	5.5	-----	-----	-----
1201 - 1800	8.2	8.2	8.2	7.2	7.2	7.2	5.5	5.7	6.0	-----	-----	-----
1801 - 2400	8.7	8.7	8.7	7.2	7.2	7.2	5.0	5.3	5.5	-----	-----	-----
DAILY VALUE	7.7	8.1	8.7	6.2	6.8	7.2	5.0	5.5	6.0	-----	-----	-----
0001 - 0600	8.2	8.2	8.2	7.2	7.2	7.2	4.5	4.5	4.5	-----	-----	-----
0601 - 1200	8.2	8.2	8.2	7.2	7.2	7.2	4.5	4.5	4.5	MONTHLY VALUE		
1201 - 1800	8.2	8.2	8.2	7.2	7.5	7.7	4.5	4.8	5.0	-----	-----	-----
1801 - 2400	8.2	8.2	8.2	7.2	7.4	7.7	4.5	4.5	4.5	4.0	6.6	8.7
DAILY VALUE	8.2	8.2	8.2	7.2	7.3	7.7	4.5	4.6	5.0	-----	-----	-----

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	4.5	4.5	4.5	.5	.5	.5	0.0	0.0	0.0			
0601 - 1200	4.5	4.5	4.5	.5	.5	.5	0.0	0.0	0.0			
1201 - 1800	4.5	4.5	4.5	1.0	1.0	1.0	0.0		0.0			
1801 - 2400	4.5	4.5	4.5	1.0	1.0	1.0						
DAILY VALUE	4.5	4.5	4.5	.5	.7	1.0	0.0		0.0			
0001 - 0600	4.0	4.0	4.0	1.0	1.0	1.0						
0601 - 1200	4.0	4.2	4.5	1.0	1.0	1.0						
1201 - 1800	4.5	4.5	4.5	1.0	1.0	1.0						
1801 - 2400	4.5	4.5	4.5	1.0	1.0	1.0						
DAILY VALUE	4.0	4.3	4.5	1.0	1.0	1.0						
0001 - 0600	4.0	4.2	4.5	.5	.5	.5						
0601 - 1200	4.0	4.0	4.0	.5	.5	.5						
1201 - 1800	4.5	4.5	4.5	.5	.5	.5						
1801 - 2400	4.0	4.2	4.5	.5	.5	.5						
DAILY VALUE	4.0	4.2	4.5	.5	.5	.5						
0001 - 0600	3.0	3.3	3.5	.5	.5	.5						
0601 - 1200	3.0	3.0	3.0	.5	.5	.5						
1201 - 1800	3.0	3.2	3.5	.5	.5	.5						
1801 - 2400	2.5	2.7	3.0	.5	.5	.5						
DAILY VALUE	2.5	3.0	3.5	.5	.5	.5						
0001 - 0600	1.5	1.7	2.0	.5	.5	.5						
0601 - 1200	1.5	1.5	1.5	0.0	0.0	0.0						
1201 - 1800	2.0	2.0	2.0	0.0	0.0	0.0						
1801 - 2400	1.5	1.7	2.0	0.0	0.0	0.0						
DAILY VALUE	1.5	1.7	2.0	0.0	.1	.5						
0001 - 0600	1.0	1.2	1.5	0.0	0.0	0.0						
0601 - 1200	1.0	1.0	1.0	0.0	0.0	0.0						
1201 - 1800	1.5	1.5	1.5	0.0	0.0	0.0						
1801 - 2400	1.5	1.5	1.5	0.0	0.0	0.0						
DAILY VALUE	1.0	1.3	1.5	0.0	0.0	0.0						
0001 - 0600	1.5	1.5	1.5	0.0	0.0	0.0						
0601 - 1200	1.0	1.3	1.5	0.0	0.0	0.0						
1201 - 1800	1.0	1.0	1.0	0.0	0.0	0.0						
1801 - 2400	1.0	1.0	1.0	0.0	0.0	0.0						
DAILY VALUE	1.0	1.2	1.5	0.0	0.0	0.0						
0001 - 0600	.5	.8	1.0	0.0	0.0	0.0						
0601 - 1200	.5	.7	1.0	0.0	0.0	0.0						
1201 - 1800	1.0	1.0	1.0	0.0	0.0	0.0						
1801 - 2400	.5	.7	1.0	0.0	0.0	0.0						
DAILY VALUE	.5	.8	1.0	0.0	0.0	0.0						
										MONTHLY VALUE		
										0.0		4.5

Appendix Table 4-C-11 Thermograph data summary, summer surface water temperature (C),
Curry Fishwheel, RM 120.7, Geocode S29N04W10CBB.

- JULY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	13.6	13.6	13.6	10.1	10.3	10.6	9.6	9.6	9.6
0601 - 1200	-----	-----	-----	13.1	13.3	13.6	10.1	10.1	10.1	9.6	9.6	9.6
1201 - 1800	-----	-----	-----	13.6	13.6	13.6	10.6	10.9	11.1	9.6	9.6	9.6
1801 - 2400	-----	-----	-----	13.6	13.8	14.1	10.6	10.8	11.1	9.6	9.6	9.6
DAILY VALUE	-----	-----	-----	13.1	13.6	14.1	10.1	10.5	11.1	9.6	9.6	9.6
0001 - 0600	-----	-----	-----	12.6	12.9	13.1	10.6	10.6	10.6	9.1	9.1	9.1
0601 - 1200	-----	-----	-----	12.1	12.3	12.6	10.6	10.6	10.6	9.1	9.1	9.1
1201 - 1800	-----	-----	-----	12.1	12.1	12.1	10.6	10.6	10.6	9.1	9.4	9.6
1801 - 2400	-----	-----	-----	12.1	12.1	12.1	10.6	10.6	10.6	9.6	9.6	9.6
DAILY VALUE	-----	-----	-----	12.1	12.3	13.1	10.6	10.6	10.6	9.1	9.3	9.6
0001 - 0600	-----	-----	-----	11.6	11.6	11.6	10.6	10.6	10.6	9.6	9.9	10.1
0601 - 1200	-----	-----	-----	11.1	11.3	11.6	10.6	10.9	11.1	10.1	10.1	10.1
1201 - 1800	-----	-----	-----	11.1	11.1	11.1	11.6	11.9	12.1	10.1	10.1	10.1
1801 - 2400	-----	-----	-----	10.6	10.9	11.1	12.1	12.1	12.1	10.1	10.1	10.1
DAILY VALUE	-----	-----	-----	10.6	11.2	11.6	10.6	11.4	12.1	9.6	10.1	10.1
0001 - 0600	-----	-----	-----	10.6	10.8	11.1	12.1	12.1	12.1	10.1	10.3	10.6
0601 - 1200	-----	-----	-----	11.1	11.1	11.1	12.1	12.3	12.6	11.1	11.1	11.1
1201 - 1800	-----	-----	-----	11.1	11.1	11.1	13.1	13.3	13.6	11.6	11.9	12.1
1801 - 2400	-----	-----	-----	11.1	11.1	11.1	13.6	13.6	13.6	12.1	12.1	12.1
DAILY VALUE	-----	-----	-----	10.6	11.0	11.1	12.1	12.8	13.6	10.1	11.3	12.1
0001 - 0600	-----	-----	-----	11.1	11.1	11.1	13.6	13.6	13.6	12.1	12.1	12.1
0601 - 1200	-----	-----	-----	11.1	11.1	11.1	13.6	13.6	13.6	12.1	12.1	12.1
1201 - 1800	-----	-----	-----	11.1	11.4	11.6	13.1	13.1	13.1	11.6	11.9	12.1
1801 - 2400	-----	-----	-----	11.6	11.6	11.6	12.6	12.8	13.1	11.6	11.6	11.6
DAILY VALUE	-----	-----	-----	11.1	11.3	11.6	12.6	13.3	13.6	11.6	11.9	12.1
0001 - 0600	-----	-----	-----	11.6	11.6	11.6	12.6	12.6	12.6	11.1	11.4	11.6
0601 - 1200	-----	-----	-----	11.1	11.4	11.6	12.6	12.6	12.6	11.1	11.1	11.1
1201 - 1800	-----	-----	-----	11.1	11.3	11.6	12.1	12.4	12.6	10.6	10.9	11.1
1801 - 2400	-----	-----	-----	11.6	11.6	11.6	11.6	11.9	12.1	10.6	10.6	10.6
DAILY VALUE	-----	-----	-----	11.1	11.5	11.6	11.6	12.4	12.6	10.6	11.0	11.6
0001 - 0600	-----	-----	-----	11.1	11.1	11.1	11.1	11.3	11.6	10.1	10.3	10.6
0601 - 1200	-----	-----	-----	11.1	11.1	11.1	11.1	11.1	11.1	10.1	10.1	10.1
1201 - 1800	-----	-----	-----	11.1	11.1	11.1	10.6	10.6	10.6	10.6	10.6	10.6
1801 - 2400	14.1	14.1	14.1	10.6	10.9	11.1	10.1	10.3	10.6	10.6	10.6	10.6
DAILY VALUE	14.1	-----	14.1	10.6	11.1	11.1	10.1	10.8	11.6	10.1	10.4	10.6
0001 - 0600	13.6	13.6	13.6	10.6	10.6	10.6	9.6	9.8	10.1	-----		
0601 - 1200	13.6	13.8	14.1	10.6	10.6	10.6	9.6	9.6	9.6	MONTHLY VALUE		
1201 - 1800	14.1	14.1	14.1	10.6	10.6	10.6	9.6	9.6	9.6	-----		
1801 - 2400	13.6	13.8	14.1	10.6	10.6	10.6	9.6	9.6	9.6	9.1	11.3	14.1
DAILY VALUE	13.6	13.8	14.1	10.6	10.6	10.6	9.6	9.6	10.1	-----		

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	10.1	10.1	10.1	10.9	11.1	11.4	10.4	10.4	10.4	11.4	11.4	11.4
0601 - 1200	9.6	9.9	10.1	10.4	10.4	10.4	10.4	10.4	10.4	11.4	11.4	11.4
1201 - 1800	10.6	10.6	10.6	10.4	10.4	10.4	10.4	10.4	10.4	11.4	11.7	11.9
1801 - 2400	10.6	10.6	10.6	9.9	10.2	10.4	9.9	10.1	10.4	11.4	11.6	11.9
DAILY VALUE	9.6	10.3	10.6	9.9	10.5	11.4	9.9	10.3	10.4	11.4	11.5	11.9
0001 - 0600	10.6	10.6	10.6	9.9	9.9	9.9	9.4	9.4	9.4	10.9	10.9	10.9
0601 - 1200	10.6	10.6	10.6	9.9	9.9	9.9	9.4	9.6	9.9	10.9	10.9	10.9
1201 - 1800	11.1	11.1	11.1	9.9	10.2	10.4	9.9	9.9	9.9	11.4	11.7	11.9
1801 - 2400	11.1	11.1	11.1	9.9	9.9	9.9	9.9	9.9	9.9	10.9	11.2	11.4
DAILY VALUE	10.6	10.8	11.1	9.9	10.0	10.4	9.4	9.7	9.9	10.9	11.2	11.9
0001 - 0600	10.6	10.8	11.1	9.4	9.6	9.9	9.9	9.9	9.9	9.9	10.2	10.4
0601 - 1200	10.6	10.6	10.6	9.4	9.9	10.4	9.9	9.9	9.9	9.9	9.9	9.9
1201 - 1800	11.1	11.4	11.6	10.4	10.7	10.9	10.4	10.4	10.4	10.4	10.7	10.9
1801 - 2400	11.6	11.6	11.6	10.4	10.6	10.9	9.9	10.2	10.4	9.9	10.4	10.9
DAILY VALUE	10.6	11.1	11.6	9.4	10.2	10.9	9.9	10.1	10.4	9.9	10.3	10.9
0001 - 0600	11.1	11.1	11.1	9.9	10.1	10.4	9.9	9.9	9.9	9.9	9.9	9.9
0601 - 1200	11.1	11.3	11.6	9.9	10.1	10.4	9.9	10.4	10.9	9.9	9.9	9.9
1201 - 1800	12.1	12.2	12.4	10.9	11.2	11.4	11.9	12.2	12.4	10.4	10.4	10.4
1801 - 2400	11.9	12.1	12.4	10.4	10.7	10.9	11.4	11.9	12.4	9.9	10.2	10.4
DAILY VALUE	11.1	11.6	12.4	9.9	10.5	11.4	9.9	11.1	12.4	9.9	10.1	10.4
0001 - 0600	11.4	11.4	11.4	10.4	10.4	10.4	10.9	11.1	11.4	9.9	9.9	9.9
0601 - 1200	11.4	11.7	11.9	10.4	10.9	11.4	10.9	11.1	11.4	9.9	9.9	9.9
1201 - 1800	12.4	12.7	12.9	11.9	12.2	12.4	11.9	12.2	12.4	9.9	9.9	9.9
1801 - 2400	11.9	12.2	12.4	11.9	12.2	12.4	11.9	12.2	12.4	9.9	9.9	9.9
DAILY VALUE	11.4	12.0	12.9	10.4	11.4	12.4	10.9	11.6	12.4	9.9	9.9	9.9
0001 - 0600	11.9	11.9	11.9	11.9	11.9	11.9	10.9	11.1	11.4	9.4	9.4	9.4
0601 - 1200	11.9	11.9	11.9	11.9	11.9	11.9	10.9	11.1	11.4	9.4	9.4	9.4
1201 - 1800	12.4	12.4	12.4	12.4	12.4	12.4	11.9	12.1	12.4	9.4	9.4	9.4
1801 - 2400	12.4	12.4	12.4	11.9	12.1	12.4	11.9	11.9	11.9	8.9	9.1	9.4
DAILY VALUE	11.9	12.1	12.4	11.9	12.1	12.4	10.9	11.5	12.4	8.9	9.3	9.4
0001 - 0600	11.9	11.9	11.9	11.4	11.6	11.9	11.4	11.4	11.4	8.4	8.7	8.9
0601 - 1200	11.9	11.9	11.9	11.4	11.4	11.4	11.4	11.4	11.4	8.4	8.4	8.4
1201 - 1800	11.9	11.9	11.9	11.9	12.2	12.4	11.9	11.9	11.9	8.4	8.4	8.4
1801 - 2400	11.4	11.7	11.9	11.4	11.9	12.4	11.4	11.7	11.9	8.4	8.4	8.4
DAILY VALUE	11.4	11.9	11.9	11.4	11.8	12.4	11.4	11.6	11.9	8.4	8.5	8.9
0001 - 0600	11.4	11.4	11.4	10.9	11.2	11.4	11.4	11.4	11.4	MONTHLY VALUE		
0601 - 1200	11.4	11.4	11.4	10.9	11.1	11.4	11.4	11.4	11.4			
1201 - 1800	11.9	11.9	11.9	11.4	11.7	11.9	11.4	11.7	11.9	8.4 10.9 12.9		
1801 - 2400	11.4	11.6	11.9	10.9	11.1	11.4	11.4	11.7	11.9			
DAILY VALUE	11.4	11.6	11.9	10.9	11.3	11.9	11.4	11.6	11.9			

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	8.4	8.4	8.4	8.1	8.1	8.1	7.1	7.4	7.6	4.5	4.5	4.5
0601 - 1200	8.4	8.6	8.9	8.1	8.1	8.1	7.1	7.1	7.1	4.5	4.5	4.5
1201 - 1800	8.9	8.9	8.9	8.1	8.1	8.1	7.5	7.5	7.5	5.0	5.0	5.0
1801 - 2400	8.4	8.7	8.9	8.1	8.1	8.1	7.5	7.5	7.5	4.5	4.5	4.5
DAILY VALUE	8.4	8.6	8.9	8.1	8.1	8.1	7.1	7.4	7.6	4.5	4.6	5.0
0001 - 0600	8.4	8.4	8.4	7.6	7.6	7.6	7.0	7.2	7.5	4.5	4.5	4.5
0601 - 1200	8.4	8.4	8.4	7.6	7.6	7.6	6.5	6.5	6.5	4.5	4.8	5.0
1201 - 1800	8.4	8.6	8.9	7.6	7.6	7.6	6.5	6.5	6.5	5.0	5.3	5.5
1801 - 2400	8.4	8.6	8.9	7.6	7.6	7.6	6.5	6.5	6.5	5.5	5.5	5.5
DAILY VALUE	8.4	8.5	8.9	7.6	7.6	7.6	6.5	6.7	7.5	4.5	5.0	5.5
0001 - 0600	8.4	8.4	8.4	7.1	7.1	7.1	6.5	6.5	6.5	5.5	5.5	5.5
0601 - 1200	8.4	8.4	8.4	7.1	7.1	7.1	6.5	6.7	7.0	5.5	5.5	5.5
1201 - 1800	8.6	8.6	8.6	7.1	7.1	7.1	6.5	6.8	7.0	5.5	5.5	5.5
1801 - 2400	8.1	8.1	8.1	6.6	6.8	7.1	6.5	6.5	6.5	5.0	5.3	5.5
DAILY VALUE	8.1	8.4	8.6	6.6	7.0	7.1	6.5	6.6	7.0	5.0	5.5	5.5
0001 - 0600	8.1	8.1	8.1	6.1	6.1	6.1	6.5	6.5	6.5	4.5	4.7	5.0
0601 - 1200	8.1	8.1	8.1	6.1	6.1	6.1	6.5	6.5	6.5	4.5	4.5	4.5
1201 - 1800	8.1	8.1	8.1	6.1	6.4	6.6	6.5	6.5	6.5	4.5	4.7	5.0
1801 - 2400	8.1	8.1	8.1	6.1	6.3	6.6	6.5	6.5	6.5	4.5	4.5	4.5
DAILY VALUE	8.1	8.1	8.1	6.1	6.2	6.6	6.5	6.5	6.5	4.5	4.6	5.0
0001 - 0600	7.6	7.6	7.6	6.1	6.1	6.1	6.5	6.5	6.5	4.5	4.5	4.5
0601 - 1200	7.6	7.6	7.6	6.1	6.1	6.1	6.5	6.5	6.5	4.5	4.5	4.5
1201 - 1800	8.1	8.1	8.1	6.1	6.1	6.1	6.5	6.5	6.5	4.5	4.5	4.5
1801 - 2400	7.6	7.9	8.1	6.1	6.1	6.1	6.5	6.5	6.5	4.5	4.5	4.5
DAILY VALUE	7.6	7.8	8.1	6.1	6.1	6.1	6.5	6.5	6.5	4.5	4.5	4.5
0001 - 0600	7.6	7.6	7.6	6.1	6.1	6.1	6.5	6.5	6.5	4.5	4.5	4.5
0601 - 1200	7.6	7.6	7.6	6.6	6.6	6.6	6.5	6.5	6.5	4.5	4.5	4.5
1201 - 1800	8.1	8.1	8.1	6.6	6.6	6.6	6.5	6.5	6.5	5.0	5.0	5.0
1801 - 2400	8.1	8.1	8.1	6.6	6.6	6.6	6.0	6.2	6.5	-----	-----	-----
DAILY VALUE	7.6	7.8	8.1	6.1	6.5	6.6	6.0	6.4	6.5	4.5	-----	5.0
0001 - 0600	8.1	8.1	8.1	6.6	6.6	6.6	6.0	6.0	6.0	-----	-----	-----
0601 - 1200	8.1	8.1	8.1	6.6	6.6	6.6	5.5	5.8	6.0	-----	-----	-----
1201 - 1800	8.6	8.8	9.1	7.1	7.1	7.1	6.0	6.0	6.0	-----	-----	-----
1801 - 2400	8.6	8.9	9.1	7.1	7.3	7.6	5.0	5.3	5.5	-----	-----	-----
DAILY VALUE	8.1	8.5	9.1	6.6	6.9	7.6	5.0	5.8	6.0	-----	-----	-----
0001 - 0600	8.6	8.6	8.6	7.6	7.6	7.6	5.0	5.0	5.0	-----	-----	-----
0601 - 1200	8.6	8.6	8.6	7.6	7.6	7.6	5.0	5.0	5.0	MONTHLY VALUE		
1201 - 1800	8.6	8.6	8.6	7.6	7.6	7.6	5.0	5.0	5.0	-----	-----	-----
1801 - 2400	8.1	8.4	8.6	7.6	7.6	7.6	4.5	4.7	5.0	4.5	6.8	9.1
DAILY VALUE	8.1	8.6	8.6	7.6	7.6	7.6	4.5	4.9	5.0	-----	-----	-----

Appendix Table 4-C-12

Thermograph data summary, summer surface water temperature (C),
 Slough 8A--Area of R&M Stage Recorder, RM 126.0, Geocode
 S30N03W30BCA.

- JULY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												
1201 - 1800										8.8	9.0	9.3
1801 - 2400										6.8	7.3	7.8
DAILY VALUE										6.8		9.3
0001 - 0600										6.3	6.5	6.8
0601 - 1200										6.3	6.8	7.3
1201 - 1800										7.3	7.6	7.8
1801 - 2400										6.3	6.8	7.3
DAILY VALUE										6.3	6.9	7.8
0001 - 0600										6.3	6.3	6.3
0601 - 1200										6.3	6.5	6.8
1201 - 1800										6.3	6.8	6.8
1801 - 2400										6.3	6.5	6.8
DAILY VALUE										6.3	6.5	6.8
0001 - 0600										5.8	5.0	6.3
0601 - 1200										5.8	6.8	7.8
1201 - 1800										7.8	8.1	8.3
1801 - 2400										5.8	6.6	7.3
DAILY VALUE										5.8	6.9	8.3
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
										MONTHLY VALUE		
										5.8		9.3

Table 4-C-12 Cont.

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	4.8	5.0	5.3	6.8	6.8	6.8	7.3	7.6	7.8	8.3	8.6	8.8
0601 - 1200	5.3	6.5	7.8	6.8	7.1	7.8	7.3	7.5	7.8	8.3	9.0	9.8
1201 - 1800	8.8	9.3	9.8	8.3	8.6	8.8	8.3	9.0	9.3	11.3	11.8	12.3
1801 - 2400	6.3	7.0	7.8	7.3	7.5	7.8	7.3	8.0	8.8	8.8	9.5	10.3
DAILY VALUE	4.8	6.9	9.8	6.8	7.5	8.8	7.3	8.0	9.3	8.3	9.7	12.3
0001 - 0600	4.8	5.0	5.3	6.8	6.8	6.8	6.8	6.8	6.8	8.3	8.3	8.3
0601 - 1200	5.3	6.6	8.3	6.8	7.1	7.8	6.8	7.6	8.3	8.3	9.5	10.8
1201 - 1800	9.8	10.0	10.3	7.8	7.8	7.8	8.8	8.8	8.8	10.8	12.0	12.8
1801 - 2400	6.3	7.5	8.8	6.8	7.0	7.3	6.3	7.3	8.3	8.8	9.6	10.3
DAILY VALUE	4.8	7.3	10.3	6.8	7.2	7.8	6.3	7.6	8.8	8.3	9.8	12.8
0001 - 0600	5.3	5.5	5.8	6.3	6.5	6.8	5.8	5.8	5.8	6.3	7.0	7.8
0601 - 1200	5.3	7.0	8.8	6.3	8.1	9.8	6.3	7.5	8.8	6.3	7.8	9.8
1201 - 1800	9.8	10.3	10.8	11.3	11.8	12.3	9.8	10.1	10.3	10.3	11.6	12.3
1801 - 2400	7.3	7.8	8.3	6.8	8.3	10.3	6.8	7.8	8.8	8.3	9.1	9.8
DAILY VALUE	5.3	7.6	10.8	6.3	8.7	12.3	5.8	7.8	10.3	6.3	8.9	12.3
0001 - 0600	5.8	6.0	6.3	5.3	5.8	6.3	5.8	6.0	6.3	6.8	7.3	7.8
0601 - 1200	6.3	7.6	9.3	5.8	7.6	9.8	6.3	7.8	9.3	6.8	7.6	8.8
1201 - 1800	10.8	11.0	11.3	11.8	12.3	12.8	11.8	12.6	13.3	9.8	10.3	10.8
1801 - 2400	7.3	8.0	8.8	7.3	8.1	9.3	7.3	9.0	10.8	8.3	9.0	9.8
DAILY VALUE	5.8	8.1	11.3	5.3	8.5	12.8	5.8	8.8	13.3	6.8	8.5	10.8
0001 - 0600	6.3	6.5	6.8	6.8	7.0	7.3	6.3	6.5	6.8	7.8	8.0	8.3
0601 - 1200	6.8	8.1	9.8	6.8	8.6	10.8	6.3	8.1	10.3	7.8	8.1	8.8
1201 - 1800	10.3	10.8	11.3	12.3	12.8	13.3	12.3	12.8	13.3	9.3	9.3	9.3
1801 - 2400	6.8	7.8	8.8	8.3	9.3	10.3	7.3	9.0	10.8	7.8	8.3	8.8
DAILY VALUE	6.3	8.3	11.3	6.8	9.4	13.3	6.3	9.1	13.3	7.8	8.4	9.3
0001 - 0600	6.3	6.5	6.8	8.3	8.3	8.3	5.8	6.3	6.8	7.8	7.8	7.8
0601 - 1200	6.8	8.3	9.8	7.8	8.0	8.3	6.3	8.1	10.3	7.8	7.8	7.8
1201 - 1800	10.8	11.6	12.3	8.3	8.6	8.8	11.8	12.6	13.3	7.8	8.1	8.3
1801 - 2400	7.3	8.5	9.8	6.8	7.5	8.3	-----	-----	-----	7.3	7.5	7.8
DAILY VALUE	6.3	8.7	12.3	6.8	8.1	8.8	5.8	9.0	13.3	7.3	7.8	8.3
0001 - 0600	6.3	6.5	6.8	6.8	6.8	6.8	-----	-----	-----	6.8	7.0	7.3
0601 - 1200	6.8	8.0	9.3	6.8	7.6	8.8	-----	-----	-----	6.8	7.3	7.8
1201 - 1800	8.3	9.3	10.3	10.8	11.5	12.3	11.8	-----	11.8	8.3	8.6	8.8
1801 - 2400	6.8	7.3	7.8	7.8	8.5	9.3	8.8	9.5	10.3	7.3	7.5	7.8
DAILY VALUE	6.3	7.8	10.3	6.8	8.6	12.3	8.8	-----	11.8	6.8	7.6	8.8
0001 - 0600	5.8	6.0	6.3	7.3	7.3	7.3	8.3	8.3	8.3	MONTHLY VALUE		
0601 - 1200	6.3	8.1	9.8	7.3	8.8	10.8	8.3	9.1	10.3			
1201 - 1800	9.8	10.8	11.3	11.3	12.1	12.8	11.3	11.6	11.8			
1801 - 2400	7.3	7.8	8.8	8.3	9.0	9.8	9.3	10.0	10.8	4.8	8.4	13.3
DAILY VALUE	5.8	8.2	11.3	7.3	9.3	12.8	8.3	9.8	11.8			

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	6.8	7.1	7.3	6.3	6.3	6.3	5.3	5.3	5.3	3.3	3.6	3.8
0601 - 1200	7.3	8.0	8.8	6.3	6.5	6.8	5.3	5.3	5.3	3.3	3.5	3.8
1201 - 1800	8.8	9.1	9.3	7.8	7.8	7.8	5.3	5.3	5.3	4.3	4.6	4.8
1801 - 2400	6.8	7.5	8.3	6.3	6.8	7.3	5.3	5.3	5.3	4.3	4.3	4.3
DAILY VALUE	6.8	7.9	9.3	6.3	6.8	7.8	5.3	5.3	5.3	3.3	4.0	4.8
0001 - 0600	6.3	6.5	6.8	5.8	6.1	6.3	4.8	5.1	5.3	4.3	4.3	4.3
0601 - 1200	6.3	6.8	7.3	5.8	6.5	7.3	5.3	5.5	5.8	4.3	4.3	4.3
1201 - 1800	8.3	8.8	9.3	7.8	7.8	7.8	5.8	5.8	5.8	4.8	4.8	4.8
1801 - 2400	7.3	7.5	7.8	6.3	6.5	6.8	5.8	5.8	5.8	4.3	4.5	4.8
DAILY VALUE	6.3	7.4	9.3	5.8	6.7	7.8	4.8	5.5	5.8	4.3	4.5	4.8
0001 - 0600	6.8	7.0	7.3	5.8	5.8	5.8	5.3	5.5	5.8	4.3	4.3	4.3
0601 - 1200	6.8	6.8	6.8	5.8	6.0	6.3	5.3	5.5	5.8	4.3	4.3	4.3
1201 - 1800	7.3	7.5	7.8	6.3	6.6	6.8	5.8	5.8	5.8	4.8	4.8	4.8
1801 - 2400	6.8	6.8	6.8	5.3	5.8	6.3	5.8	5.8	5.8	3.8	4.3	4.8
DAILY VALUE	6.3	7.0	7.8	5.3	6.0	6.8	5.3	5.6	5.8	3.8	4.4	4.8
0001 - 0600	5.8	6.1	6.3	4.8	4.8	4.8	5.3	5.3	5.3	2.8	3.3	3.8
0601 - 1200	5.8	6.1	6.8	4.8	5.0	5.3	5.3	5.5	5.8	2.8	3.0	3.3
1201 - 1800	7.3	7.8	8.3	6.8	6.8	6.8	5.8	5.8	5.8	3.8	3.8	3.8
1801 - 2400	6.3	6.5	6.8	5.3	5.6	5.8	-----	-----	-----	3.8	3.8	3.8
DAILY VALUE	5.8	6.6	8.3	4.8	5.5	6.8	5.3	-----	5.8	2.8	3.5	3.8
0001 - 0600	5.8	6.1	6.3	5.3	5.3	5.3	-----	-----	-----	3.8	3.8	3.8
0601 - 1200	5.8	6.5	7.3	5.3	5.3	5.3	5.8	-----	5.8	3.8	3.8	3.8
1201 - 1800	7.3	7.6	7.8	5.8	6.0	6.3	5.8	5.8	5.8	4.8	4.8	4.8
1801 - 2400	6.3	6.6	6.8	5.8	5.8	5.8	5.8	5.8	5.8	4.8	4.8	4.8
DAILY VALUE	5.8	6.7	7.8	5.3	5.6	6.3	5.8	-----	5.8	3.8	4.3	4.8
0001 - 0600	6.3	6.3	6.3	5.8	5.8	5.8	5.3	5.3	5.3	4.3	4.3	4.3
0601 - 1200	6.3	6.8	7.3	5.8	5.8	5.8	5.3	5.3	5.3	4.3	4.3	4.3
1201 - 1800	7.3	7.3	7.3	6.3	6.3	6.3	5.8	5.8	5.8	5.2	5.2	5.2
1801 - 2400	6.3	6.6	6.8	5.8	6.0	6.3	4.8	5.0	5.3	4.7	4.7	4.7
DAILY VALUE	6.3	6.8	7.3	5.8	6.0	6.3	4.8	5.3	5.8	4.3	4.7	5.2
0001 - 0600	6.3	6.3	6.3	5.8	5.8	5.8	3.8	4.3	4.8	-----	-----	-----
0601 - 1200	6.8	7.1	7.8	5.8	6.3	6.8	3.8	3.8	3.8	-----	-----	-----
1201 - 1800	8.3	8.6	8.8	7.3	7.3	7.3	4.3	5.0	5.3	-----	-----	-----
1801 - 2400	6.8	7.3	7.8	6.8	6.8	6.8	3.8	4.1	4.8	-----	-----	-----
DAILY VALUE	6.3	7.3	8.8	5.8	6.5	7.3	3.8	4.3	5.3	-----	-----	-----
0001 - 0600	6.8	6.8	6.8	5.8	6.1	6.3	2.8	3.3	3.8	-----	-----	-----
0601 - 1200	6.8	7.1	7.8	5.8	6.0	6.3	2.8	3.1	3.8	MONTHLY VALUE		
1201 - 1800	7.8	7.8	7.8	6.3	6.5	6.8	4.3	4.6	4.8	-----	-----	-----
1801 - 2400	6.8	7.0	7.3	5.8	5.8	5.8	3.8	4.1	4.3	2.8	5.8	9.3
DAILY VALUE	6.8	7.2	7.8	5.8	6.1	6.8	2.8	3.8	4.8	-----	-----	-----

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	4.2	4.4	4.7	1.2	1.5	1.7	.7	.7	.7			
0601 - 1200	4.2	4.2	4.2	1.7	2.2	2.7	.7	1.2	1.7			
1201 - 1800	4.2	4.5	4.7	3.2	3.2	3.2	1.7	2.0	2.2			
1801 - 2400	3.7	3.9	4.2	2.2	2.4	2.7	.2	.7	1.2			
DAILY VALUE	3.7	4.2	4.7	1.2	2.3	3.2	.2	1.2	2.2			
0001 - 0600	3.7	3.7	3.7	2.2	2.2	2.2	.2	.2	.2			
0601 - 1200	3.7	3.9	4.2	2.2	2.4	2.7	.2	.4	.7			
1201 - 1800	4.2	4.5	4.7	2.7	2.7	2.7	.7	.7	.7			
1801 - 2400	3.7	3.7	3.7	1.7	2.0	2.2	.7	.7	.7			
DAILY VALUE	3.7	3.9	4.7	1.7	2.3	2.7	.2	.5	.7			
0001 - 0600	3.2	3.5	3.7	1.7	1.7	1.7	.7	.7	.7			
0601 - 1200	3.2	3.2	3.2	1.2	1.5	1.7	.2	.2	.2			
1201 - 1800	3.7	4.0	4.2	1.2	1.9	2.2	.7	.7	.7			
1801 - 2400	3.2	3.4	3.7	.7	1.2	1.7	.7	.7	.7			
DAILY VALUE	3.2	3.5	4.2	.7	1.6	2.2	.2	.6	.7			
0001 - 0600	2.2	2.5	2.7	.7	.7	.7	.7	.7	.7			
0601 - 1200	2.2	2.4	2.7	.7	1.2	1.7	.7	.7	.7			
1201 - 1800	3.2	3.2	3.2	2.2	2.2	2.2	.7	1.0	1.2			
1801 - 2400	2.2	2.4	2.7	1.7	2.0	2.2	.2	.2	.2			
DAILY VALUE	2.2	2.6	3.2	.7	1.5	2.2	.2	.7	1.2			
0001 - 0600	2.2	2.2	2.2	.7	1.2	1.7						
0601 - 1200	1.7	2.0	2.2	1.2	1.2	1.2						
1201 - 1800	2.7	2.7	2.7	1.2	1.4	1.7						
1801 - 2400	1.7	1.9	2.2	1.2	1.5	1.7						
DAILY VALUE	1.7	2.2	2.7	.7	1.3	1.7						
0001 - 0600	1.2	1.4	1.7	1.2	1.2	1.2						
0601 - 1200	1.2	1.7	2.2	.7	1.0	1.7						
1201 - 1800	2.7	2.7	2.7	1.7	2.0	2.2						
1801 - 2400	2.2	2.2	2.2	.7	1.0	1.2						
DAILY VALUE	1.2	2.0	2.7	.7	1.3	2.2						
0001 - 0600	2.2	2.2	2.2	.2	.2	.2						
0601 - 1200	1.7	2.0	2.2	.2	.2	.2						
1201 - 1800	2.2	2.5	2.7	.7	.7	.7						
1801 - 2400	2.2	2.4	2.7	.2	.4	.7						
DAILY VALUE	1.7	2.3	2.7	.2	.4	.7						
0001 - 0600	1.7	1.9	2.2	.7	.7	.7						
0601 - 1200	1.7	2.2	2.7	.7	.7	.7						
1201 - 1800	2.7	3.0	3.2	.7	.7	.7						
1801 - 2400	1.2	1.7	2.2	.7	.7	.7						
DAILY VALUE	1.2	2.2	3.2	.7	.7	.7						
										MONTHLY VALUE		
										.2		4.7

Table 4-C-13 Thermograph data summary, summer surface water temperature (C),
LRX 29, RM 126.1, Geocode S30N03W19DCA.

- JULY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	-----	-----	-----	10.2	10.2	10.2	10.2	10.2	10.2
0601 - 1200	-----	-----	-----	-----	-----	-----	10.2	10.7	11.2	10.2	10.2	10.2
1201 - 1800	-----	-----	-----	15.7	-----	15.7	12.2	12.2	12.2	9.7	9.7	9.7
1801 - 2400	-----	-----	-----	14.2	14.7	15.2	11.2	11.4	11.7	9.7	9.7	9.7
DAILY VALUE	-----	-----	-----	14.2	-----	15.7	10.2	11.1	12.2	9.7	9.9	10.2
0001 - 0600	-----	-----	-----	13.2	13.4	13.7	10.7	10.9	11.2	9.7	9.7	9.7
0601 - 1200	-----	-----	-----	12.7	12.7	12.7	10.7	11.0	11.2	9.7	9.7	9.7
1201 - 1800	-----	-----	-----	12.7	12.7	12.7	11.2	11.5	11.7	10.2	10.9	11.2
1801 - 2400	-----	-----	-----	12.2	12.2	12.2	11.2	11.4	11.7	10.7	10.7	10.7
DAILY VALUE	-----	-----	-----	12.2	12.7	13.7	10.7	11.2	11.7	9.7	10.2	11.2
0001 - 0600	-----	-----	-----	11.7	11.9	12.2	10.7	10.7	10.7	10.7	10.7	10.7
0601 - 1200	-----	-----	-----	11.7	11.7	11.7	11.2	11.9	12.7	11.7	-----	11.7
1201 - 1800	-----	-----	-----	12.2	12.2	12.2	13.2	13.5	13.7	-----	-----	-----
1801 - 2400	-----	-----	-----	11.2	11.5	11.7	12.2	12.7	13.2	-----	-----	-----
DAILY VALUE	-----	-----	-----	11.2	11.8	12.2	10.7	12.2	13.7	10.7	-----	11.7
0001 - 0600	-----	-----	-----	11.2	11.2	11.2	12.2	12.2	12.2	-----	-----	-----
0601 - 1200	-----	-----	-----	11.2	11.4	11.7	12.2	13.0	13.7	-----	-----	-----
1201 - 1800	-----	-----	-----	11.7	11.7	11.7	14.2	14.7	15.2	-----	-----	-----
1801 - 2400	-----	-----	-----	11.2	11.4	11.7	13.7	14.2	14.7	-----	-----	-----
DAILY VALUE	-----	-----	-----	11.2	11.4	11.7	12.2	13.5	15.2	-----	-----	-----
0001 - 0600	-----	-----	-----	11.2	11.2	11.2	13.7	13.7	13.7	-----	-----	-----
0601 - 1200	-----	-----	-----	11.2	11.4	11.7	13.7	13.7	13.7	-----	-----	-----
1201 - 1800	-----	-----	-----	12.2	12.2	12.2	13.2	13.5	13.7	-----	-----	-----
1801 - 2400	-----	-----	-----	11.7	12.0	12.2	12.7	13.0	13.2	12.2	12.2	12.2
DAILY VALUE	-----	-----	-----	11.2	11.7	12.2	12.7	13.5	13.7	12.2	-----	12.2
0001 - 0600	-----	-----	-----	11.7	11.7	11.7	12.2	12.2	12.2	11.7	11.7	11.7
0601 - 1200	-----	-----	-----	11.7	11.7	11.7	12.2	12.2	12.2	11.7	11.7	11.7
1201 - 1800	-----	-----	-----	11.7	12.0	12.2	12.7	12.7	12.7	11.2	11.5	11.7
1801 - 2400	-----	-----	-----	11.7	11.9	12.2	11.7	12.0	12.2	11.2	11.2	11.2
DAILY VALUE	-----	-----	-----	11.7	11.8	12.2	11.7	12.3	12.7	11.2	11.5	11.7
0001 - 0600	-----	-----	-----	11.2	11.2	11.2	11.7	11.7	11.7	10.7	10.7	10.7
0601 - 1200	-----	-----	-----	11.2	11.4	11.7	11.2	11.2	11.2	10.7	11.0	11.2
1201 - 1800	-----	-----	-----	12.2	12.2	12.2	11.2	11.2	11.2	11.2	11.2	11.2
1801 - 2400	-----	-----	-----	11.2	11.4	11.7	10.2	10.5	10.7	10.7	10.9	11.2
DAILY VALUE	-----	-----	-----	11.2	11.5	12.2	10.2	11.2	11.7	10.7	10.9	11.2
0001 - 0600	-----	-----	-----	10.7	10.9	11.2	10.2	10.2	10.2	-----	-----	-----
0601 - 1200	-----	-----	-----	10.7	11.0	11.2	10.2	10.2	10.2	MONTHLY VALUE		
1201 - 1800	-----	-----	-----	11.7	11.7	11.7	10.2	10.2	10.2	-----	-----	-----
1801 - 2400	-----	-----	-----	10.7	10.9	11.2	10.2	10.2	10.2	9.7	-----	15.7
DAILY VALUE	-----	-----	-----	10.7	11.1	11.7	10.2	10.2	10.2	-----	-----	-----

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	10.2	10.2	10.2	11.1	11.3	11.6	10.6	10.6	10.6	11.6	11.6	11.6
0601 - 1200	10.2	10.7	11.2	10.6	10.8	11.1	10.6	10.6	10.6	11.6	11.6	11.6
1201 - 1800	11.2	11.5	11.7	11.1	11.1	11.1	10.6	10.6	10.6	12.1	12.1	12.1
1801 - 2400	10.2	10.7	11.2	10.6	10.6	10.6	10.1	10.4	10.6	11.6	11.8	12.1
DAILY VALUE	10.2	10.8	11.7	10.6	10.9	11.6	10.1	10.6	10.6	11.6	11.8	12.1
0001 - 0600	10.2	10.2	10.2	10.1	10.1	10.1	9.6	9.6	9.6	11.1	11.1	11.1
0601 - 1200	10.2	10.7	11.2	10.1	10.1	10.1	9.6	9.9	10.1	11.1	11.3	11.6
1201 - 1800	12.2	12.2	12.2	10.6	10.6	10.6	10.6	10.6	10.6	12.1	12.1	12.1
1801 - 2400	11.2	11.7	12.2	10.1	10.3	10.6	10.1	10.4	10.6	11.1	11.4	12.1
DAILY VALUE	10.2	11.2	12.2	10.1	10.3	10.6	9.6	10.1	10.6	11.1	11.5	12.1
0001 - 0600	10.2	10.4	10.7	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.3	10.6
0601 - 1200	10.2	11.2	12.2	10.1	10.6	11.1	10.1	10.3	10.6	9.6	9.9	10.6
1201 - 1800	12.7	13.0	13.2	11.6	11.8	12.1	11.1	11.1	11.1	11.1	11.4	11.6
1801 - 2400	11.7	11.9	12.2	10.6	11.1	11.6	10.6	10.8	11.1	10.1	10.6	11.1
DAILY VALUE	10.2	11.6	13.2	10.1	10.9	12.1	10.1	10.6	11.1	9.6	10.6	11.6
0001 - 0600	11.2	11.2	11.2	10.1	10.3	10.6	10.1	10.1	10.1	10.1	10.1	10.1
0601 - 1200	11.2	12.0	12.7	10.1	10.3	10.6	10.1	10.8	11.6	10.1	10.3	10.6
1201 - 1800	13.2	13.8	14.6	11.6	11.9	12.1	12.6	12.9	13.1	10.6	10.9	11.1
1801 - 2400	12.1	12.6	13.1	11.1	11.4	11.6	11.6	12.1	12.6	10.1	10.6	11.1
DAILY VALUE	11.2	12.4	14.6	10.1	11.0	12.1	10.1	11.5	13.1	10.1	10.5	11.1
0001 - 0600	11.6	11.8	12.1	10.6	10.6	10.6	11.1	11.1	11.1	10.1	10.1	10.1
0601 - 1200	11.6	12.1	12.6	10.6	11.1	11.6	11.1	11.3	11.6	10.1	10.1	10.1
1201 - 1800	13.1	13.4	13.6	12.6	12.9	13.1	12.6	12.9	13.1	10.1	10.1	10.1
1801 - 2400	12.1	12.6	13.1	12.6	12.8	13.1	11.6	12.1	12.6	10.1	10.1	10.1
DAILY VALUE	11.6	12.5	13.6	10.6	11.8	13.1	11.1	11.8	13.1	10.1	10.1	10.1
0001 - 0600	11.6	11.9	12.1	12.1	12.1	12.1	11.1	11.1	11.1	9.6	9.6	9.6
0601 - 1200	11.6	12.1	12.6	12.1	12.1	12.1	11.1	11.3	11.6	9.6	9.6	9.6
1201 - 1800	12.6	13.3	13.6	12.6	12.6	12.6	12.1	12.4	12.6	9.6	9.6	9.6
1801 - 2400	12.1	12.6	13.1	12.1	12.3	12.6	12.1	12.3	12.6	9.1	9.4	9.6
DAILY VALUE	11.6	12.5	13.6	12.1	12.3	12.6	11.1	11.8	12.6	9.1	9.6	9.6
0001 - 0600	11.6	11.8	12.1	11.6	11.9	12.1	11.6	11.6	11.6	8.6	8.9	9.1
0601 - 1200	11.6	11.8	12.1	11.6	11.8	12.1	11.6	11.8	12.1	8.6	8.6	8.6
1201 - 1800	12.1	12.3	12.6	12.6	12.9	13.1	12.1	12.4	12.6	9.1	9.1	9.1
1801 - 2400	11.6	11.9	12.1	11.6	12.1	12.6	11.6	11.9	12.1	8.6	8.9	9.1
DAILY VALUE	11.6	11.9	12.6	11.6	12.2	13.1	11.6	11.9	12.6	8.6	8.9	9.1
0001 - 0600	11.1	11.4	11.6	11.1	11.4	11.6	11.6	11.6	11.6	MONTHLY VALUE		
0601 - 1200	11.1	11.6	12.1	11.1	11.4	11.6	11.6	11.6	11.6			
1201 - 1800	12.6	12.6	12.6	12.1	12.3	12.6	12.1	12.4	12.6	8.6 11.3 14.6		
1801 - 2400	11.6	11.9	12.1	11.1	11.3	11.6	11.6	12.1	12.6			
DAILY VALUE	11.1	11.9	12.6	11.1	11.6	12.6	11.6	11.9	12.6			

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	8.6	8.6	8.6	8.5	8.5	8.5	7.5	7.7	8.0	3.8	3.8	3.8
0601 - 1200	8.6	8.8	9.1	8.5	8.5	8.5	7.5	7.5	7.5	3.8	3.8	3.8
1201 - 1800	9.6	9.6	9.6	8.5	8.5	8.5	7.5	7.5	7.5	4.3	4.3	4.3
1801 - 2400	8.6	9.1	9.6	8.5	8.5	8.5	7.0	7.2	7.5	4.3	4.3	4.3
DAILY VALUE	8.6	9.0	9.6	8.5	8.5	8.5	7.0	7.5	8.0	3.8	4.0	4.3
0001 - 0600	8.6	8.6	8.6	8.5	8.5	8.5	7.0	7.0	7.0	4.3	4.3	4.3
0601 - 1200	8.6	8.6	8.6	8.0	8.2	8.5	7.0	7.0	7.0	4.3	4.3	4.3
1201 - 1800	9.1	9.6	10.0	8.5	8.5	8.5	7.0	7.0	7.0	4.3	4.3	4.3
1801 - 2400	9.0	9.0	9.0	8.0	8.3	8.5	7.0	7.0	7.0	4.3	4.3	4.3
DAILY VALUE	8.6	8.9	10.0	8.0	8.4	8.5	7.0	7.0	7.0	4.3	4.3	4.3
0001 - 0600	8.5	8.5	8.5	7.5	7.7	8.0	6.5	6.5	6.5	4.3	4.3	4.3
0601 - 1200	8.5	8.5	8.5	7.5	7.5	7.5	6.5	6.7	7.0	4.3	4.3	4.3
1201 - 1800	8.5	8.8	9.0	7.5	7.5	7.5	7.0	7.0	7.0	4.3	4.6	4.8
1801 - 2400	8.5	8.7	9.0	7.0	7.3	7.5	7.0	7.0	7.0	4.3	4.5	4.8
DAILY VALUE	8.5	8.6	9.0	7.0	7.5	8.0	6.5	6.8	7.0	4.3	4.4	4.8
0001 - 0600	8.5	8.5	8.5	6.5	6.7	7.0	7.0	7.0	7.0	3.8	4.1	4.3
0601 - 1200	8.5	8.5	8.5	6.5	6.5	6.5	6.8	6.9	7.0	3.8	3.8	3.8
1201 - 1800	9.0	9.0	9.0	7.5	7.5	7.5	6.3	6.3	6.3	4.3	4.3	4.3
1801 - 2400	8.5	8.5	8.5	7.0	7.0	7.0	6.3	6.3	6.3	3.8	3.8	3.8
DAILY VALUE	8.5	8.6	9.0	6.5	6.9	7.5	6.3	6.6	7.0	3.8	4.0	4.3
0001 - 0600	8.0	8.0	8.0	7.0	7.0	7.0	6.3	6.3	6.3	3.8	3.8	3.8
0601 - 1200	8.0	8.2	8.5	7.0	7.0	7.0	6.3	6.3	6.3	3.8	3.8	3.8
1201 - 1800	8.5	8.5	8.5	7.0	7.0	7.0	6.3	6.3	6.3	3.8	4.1	4.3
1801 - 2400	8.5	8.5	8.5	7.0	7.0	7.0	5.8	6.1	6.3	3.8	3.8	3.8
DAILY VALUE	8.0	8.3	8.5	7.0	7.0	7.0	5.8	6.3	6.3	3.8	3.9	4.3
0001 - 0600	8.5	8.5	8.5	7.0	7.0	7.0	5.8	5.8	5.8	3.8	3.8	3.8
0601 - 1200	8.5	8.5	8.5	7.0	7.0	7.0	5.8	5.8	5.8	3.8	3.8	3.8
1201 - 1800	8.5	8.5	8.5	7.5	7.5	7.5	5.8	5.8	5.8	4.3	4.3	4.3
1801 - 2400	8.5	8.5	8.5	7.0	7.3	7.5	5.3	5.5	5.8	4.3	4.3	4.3
DAILY VALUE	8.5	8.5	8.5	7.0	7.2	7.5	5.3	5.7	5.8	3.8	4.0	4.3
0001 - 0600	8.5	8.5	8.5	7.0	7.0	7.0	5.3	5.3	5.3			
0601 - 1200	8.5	8.8	9.0	7.0	7.2	7.5	5.3	5.3	5.3			
1201 - 1800	9.5	9.5	9.5	7.5	7.8	8.0	5.3	5.3	5.3			
1801 - 2400	9.5	9.5	9.5	8.0	8.0	8.0	4.3	4.8	5.3			
DAILY VALUE	8.5	9.1	9.5	7.0	7.5	8.0	4.3	5.2	5.3			
0001 - 0600	9.0	9.2	9.5	8.0	8.0	8.0	4.3	4.3	4.3			
0601 - 1200	9.0	9.0	9.0	8.0	8.0	8.0	3.8	4.0	4.3	MONTHLY VALUE		
1201 - 1800	9.5	9.5	9.5	8.0	8.0	8.0	4.3	4.3	4.3			
1801 - 2400	9.0	9.0	9.0	8.0	8.0	8.0	4.3	4.3	4.3	3.8	6.8	10.0
DAILY VALUE	9.0	9.2	9.5	8.0	8.0	8.0	3.8	4.2	4.3			

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	9.5	9.7	10.0	8.0	8.5	9.0	8.0	8.5	9.0	8.5	9.0	9.5
0601 - 1200	9.5	9.7	10.0	7.5	7.7	8.0	7.5	7.5	7.5	8.0	8.0	8.0
1201 - 1800	10.5	10.8	11.0	9.0	9.5	10.0	8.0	8.7	9.5	8.5	9.3	10.0
1801 - 2400	10.0	10.2	10.5	9.0	9.5	10.0	8.5	9.2	9.5	9.0	9.8	10.5
DAILY VALUE	9.5	10.1	11.0	7.5	8.8	10.0	7.5	8.5	9.5	8.0	9.0	10.5
0001 - 0600	9.0	9.3	9.5	8.0	8.2	8.5	7.5	7.7	8.0	7.5	8.0	8.5
0601 - 1200	9.0	9.7	10.5	7.5	7.7	8.0	7.0	7.2	7.5	7.5	7.7	8.0
1201 - 1800	11.5	11.8	12.0	9.0	9.3	9.5	8.0	8.7	9.0	9.0	10.3	11.5
1801 - 2400	9.5	10.7	11.5	8.5	9.0	9.5	8.0	8.7	9.0	9.5	10.7	11.5
DAILY VALUE	9.0	10.4	12.0	7.5	8.5	9.5	7.0	8.0	9.0	7.5	9.2	11.5
0001 - 0600	8.0	8.5	9.0	7.5	7.7	8.0	6.5	6.8	7.5	6.5	7.3	8.0
0601 - 1200	8.0	9.2	10.5	7.0	7.7	8.5	6.0	6.5	7.0	6.0	6.0	6.0
1201 - 1800	12.0	12.3	12.5	10.0	10.8	11.5	8.0	9.0	10.0	7.5	9.2	11.0
1801 - 2400	9.5	10.7	12.0	8.5	9.8	11.0	8.5	9.3	10.0	9.0	10.0	11.0
DAILY VALUE	8.0	10.2	12.5	7.0	9.0	11.5	6.0	7.9	10.0	6.0	8.1	11.0
0001 - 0600	7.5	8.2	9.0	6.5	7.2	8.0	6.5	7.0	7.5	6.5	7.2	8.0
0601 - 1200	7.5	8.8	10.5	6.5	7.0	8.0	6.5	7.0	7.5	6.5	6.5	6.5
1201 - 1800	12.5	13.2	13.5	10.0	10.8	12.0	9.5	10.5	11.5	7.0	8.0	9.0
1801 - 2400	10.0	11.3	12.5	9.0	10.2	11.5	9.0	10.0	11.0	9.0	9.3	9.5
DAILY VALUE	7.5	10.4	13.5	6.5	8.8	12.0	6.5	8.6	11.5	6.5	7.7	9.5
0001 - 0600	8.0	8.5	9.0	7.5	7.8	8.5	7.0	7.5	8.0	7.5	8.0	8.5
0601 - 1200	8.0	8.8	10.0	7.5	7.8	8.5	6.5	6.8	7.5	7.0	7.2	7.5
1201 - 1800	12.5	13.0	13.5	10.5	11.7	12.5	9.5	11.2	12.5	8.0	8.2	8.5
1801 - 2400	10.0	11.0	12.0	10.0	11.0	12.0	9.5	10.8	12.0	8.0	8.3	8.5
DAILY VALUE	8.0	10.3	13.5	7.5	9.6	12.5	6.5	9.1	12.5	7.0	7.9	8.5
0001 - 0600	7.5	8.3	9.0	8.5	8.7	9.0	7.0	7.7	8.5	7.0	7.5	8.0
0601 - 1200	7.5	8.2	9.5	8.0	8.0	8.0	6.5	6.7	7.0	7.0	7.0	7.0
1201 - 1800	10.5	11.5	12.5	8.0	8.5	9.0	8.5	10.5	12.0	7.5	7.7	8.0
1801 - 2400	9.5	10.8	12.0	8.5	8.8	9.0	10.0	11.2	12.5	7.5	7.7	8.0
DAILY VALUE	7.5	9.7	12.5	8.0	8.5	9.0	6.5	9.0	12.5	7.0	7.5	8.0
0001 - 0600	7.5	8.0	8.5	7.0	7.5	8.0	8.0	8.5	9.0	7.0	7.0	7.0
0601 - 1200	7.5	7.8	8.5	7.0	7.5	8.0	8.0	8.2	8.5	7.0	7.0	7.0
1201 - 1800	10.0	10.3	10.5	9.0	10.5	11.5	9.0	9.8	10.5	7.5	8.2	9.0
1801 - 2400	8.5	9.3	10.0	9.0	10.0	11.0	9.5	10.3	11.0	8.0	8.5	9.0
DAILY VALUE	7.5	8.9	10.5	7.0	8.9	11.5	8.0	9.2	11.0	7.0	7.7	9.0
0001 - 0600	7.0	7.5	8.0	7.5	7.8	8.0	8.0	8.3	9.0	MONTHLY VALUE		
0601 - 1200	6.5	7.3	8.5	7.5	8.2	9.0	7.5	7.7	8.0			
1201 - 1800	11.0	11.7	12.0	10.5	11.7	12.5	8.5	9.7	11.0	6.0 8.9 13.5		
1801 - 2400	9.5	10.3	11.5	9.5	10.7	12.0	10.0	10.5	11.0			
DAILY VALUE	6.5	9.2	12.0	7.5	9.6	12.5	7.5	9.0	11.0			

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	7.5	7.5	7.5	7.0	7.2	7.5	-----	-----	-----	3.9	4.1	4.4
0601 - 1200	7.5	7.7	8.0	7.0	7.0	7.0	-----	-----	-----	3.4	3.7	4.4
1201 - 1800	9.0	10.2	11.0	7.0	7.7	8.0	-----	-----	-----	4.9	5.2	5.4
1801 - 2400	8.5	9.2	10.0	7.5	7.8	8.0	-----	-----	-----	4.9	5.1	5.4
DAILY VALUE	7.5	8.6	11.0	7.0	7.4	8.0	-----	-----	-----	3.4	4.5	5.4
0001 - 0600	7.5	7.7	8.0	6.5	6.8	7.0	-----	-----	-----	4.9	4.9	4.9
0601 - 1200	7.0	7.2	7.5	6.5	6.7	7.0	-----	-----	-----	4.9	4.9	4.9
1201 - 1800	8.0	8.7	9.5	7.5	7.8	8.0	-----	-----	-----	5.4	5.4	5.4
1801 - 2400	8.0	8.7	9.0	7.5	7.8	8.0	-----	-----	-----	4.9	5.1	5.4
DAILY VALUE	7.0	8.0	9.5	6.5	7.3	8.0	-----	-----	-----	4.9	5.1	5.4
0001 - 0600	7.5	7.7	8.0	6.5	6.7	7.0	-----	-----	-----	4.9	4.9	4.9
0601 - 1200	7.5	7.5	7.5	6.5	6.5	6.5	-----	-----	-----	4.9	4.9	4.9
1201 - 1800	7.5	7.7	8.0	6.5	6.8	7.0	-----	-----	-----	5.4	5.6	5.9
1801 - 2400	7.5	7.8	8.0	6.5	6.8	7.0	-----	-----	-----	4.4	4.9	5.4
DAILY VALUE	7.5	7.7	8.0	6.5	6.7	7.0	-----	-----	-----	4.4	5.1	5.9
0001 - 0600	7.0	7.0	7.0	5.5	5.7	6.0	-----	-----	-----	3.4	3.7	3.9
0601 - 1200	7.0	7.0	7.0	5.0	5.2	5.5	-----	-----	-----	3.4	3.6	3.9
1201 - 1800	7.5	8.3	9.0	6.0	6.8	7.5	6.9	6.9	6.9	4.4	4.7	4.9
1801 - 2400	7.5	8.0	8.5	6.5	7.0	7.5	6.4	6.4	6.4	4.9	4.9	4.9
DAILY VALUE	7.0	7.6	9.0	5.0	6.2	7.5	6.4	-----	6.9	3.4	4.2	4.9
0001 - 0600	6.5	6.7	7.0	6.0	6.2	6.5	6.4	6.4	6.4	4.4	4.4	4.4
0601 - 1200	6.5	6.7	7.0	6.0	6.0	6.0	6.4	6.4	6.4	4.4	4.4	4.4
1201 - 1800	7.5	7.8	8.0	6.0	6.3	6.5	6.4	6.4	6.4	4.9	5.4	5.9
1801 - 2400	7.5	7.8	8.0	6.5	6.5	6.5	5.9	6.2	6.4	4.9	5.2	5.4
DAILY VALUE	6.5	7.2	8.0	6.0	6.2	6.5	5.9	6.4	6.4	4.4	4.9	5.9
0001 - 0600	7.0	7.2	7.5	-----	-----	-----	5.9	5.9	5.9	4.9	4.9	4.9
0601 - 1200	7.0	7.0	7.0	-----	-----	-----	5.9	5.9	5.9	4.9	4.9	4.9
1201 - 1800	7.5	7.8	8.0	-----	-----	-----	6.4	6.6	6.9	5.4	5.6	5.9
1801 - 2400	7.5	7.7	8.0	-----	-----	-----	4.9	5.4	5.9	4.9	5.2	5.4
DAILY VALUE	7.0	7.4	8.0	-----	-----	-----	4.9	5.9	6.9	4.9	5.1	5.9
0001 - 0600	7.0	7.0	7.0	-----	-----	-----	4.9	4.9	4.9	-----	-----	-----
0601 - 1200	7.0	7.2	7.5	-----	-----	-----	4.9	4.9	4.9	-----	-----	-----
1201 - 1800	8.0	8.5	9.0	-----	-----	-----	5.9	5.9	5.9	-----	-----	-----
1801 - 2400	8.0	8.2	8.5	-----	-----	-----	3.9	4.7	5.4	-----	-----	-----
DAILY VALUE	7.0	7.7	9.0	-----	-----	-----	3.9	5.1	5.9	-----	-----	-----
0001 - 0600	7.0	7.3	7.5	-----	-----	-----	3.4	3.6	3.9	-----	-----	-----
0601 - 1200	7.0	7.2	7.5	-----	-----	-----	2.9	3.2	3.9	MONTHLY VALUE		
1201 - 1800	8.0	8.2	8.5	-----	-----	-----	4.9	5.2	5.4	-----	-----	-----
1801 - 2400	7.5	8.0	8.5	-----	-----	-----	4.9	5.1	5.4	2.9	6.4	11.0
DAILY VALUE	7.0	7.7	8.5	-----	-----	-----	2.9	4.3	5.4	-----	-----	-----

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	4.9	4.9	4.9	1.7	1.7	1.7	1.7	1.7	1.7	.7	.7	.7
0601 - 1200	4.4	4.4	4.4	2.2	2.4	2.7	1.7	2.0	2.2	.7	.9	1.2
1201 - 1800	4.7	4.7	4.7	3.2	3.4	3.7	2.7	2.7	2.7	1.2	1.2	1.2
1801 - 2400	3.7	3.9	4.2	2.7	2.9	3.2	1.7	2.0	2.2	.7	.9	1.2
DAILY VALUE	3.7	4.5	4.9	1.7	2.6	3.7	1.7	2.1	2.7	.7	.9	1.2
0001 - 0600	3.7	3.7	3.7	2.7	2.7	2.7	1.7	1.7	1.7	.7	.7	.7
0601 - 1200	3.7	3.9	4.2	2.7	2.7	2.7	1.7	1.7	1.7	.7	.7	.7
1201 - 1800	4.7	5.0	5.2	3.2	3.2	3.2	2.2	2.2	2.2	.7	.7	.7
1801 - 2400	3.7	4.2	4.7	2.7	2.7	2.7	2.2	2.2	2.2	.7	.7	.7
DAILY VALUE	3.7	4.2	5.2	2.7	2.8	3.2	1.7	1.9	2.2	.7	.7	.7
0001 - 0600	3.2	3.5	3.7	2.2	2.2	2.2	2.2	2.2	2.2	.7	.7	.7
0601 - 1200	3.2	3.4	3.7	2.2	2.2	2.2	1.7	1.9	2.2	.7	.7	.7
1201 - 1800	3.7	4.0	4.2	2.2	2.4	2.7	1.7	2.0	2.2	.7	.7	.7
1801 - 2400	3.7	3.9	4.2	2.2	2.2	2.2	2.2	2.2	2.2	.7	.7	.7
DAILY VALUE	3.2	3.7	4.2	2.2	2.2	2.7	1.7	2.1	2.2	.7	.7	.7
0001 - 0600	2.7	2.9	3.2	1.7	1.7	1.7	2.2	2.2	2.2	.7	.7	.7
0601 - 1200	2.2	2.2	2.2	1.7	1.7	1.7	1.7	2.0	2.2	.7	.7	.7
1201 - 1800	2.7	3.0	3.2	2.2	2.4	2.7	2.2	2.2	2.2	.7	.7	.7
1801 - 2400	2.2	2.7	3.2	2.2	2.2	2.2	1.7	1.9	2.2	.7	.7	.7
DAILY VALUE	2.2	2.7	3.2	1.7	2.0	2.7	1.7	2.1	2.2	.7	.7	.7
0001 - 0600	1.7	1.9	2.2	1.7	1.9	2.2	1.2	1.4	1.7	.7	.7	.7
0601 - 1200	1.7	1.7	1.7	1.7	1.7	1.7	1.2	1.2	1.2	.7	.9	1.2
1201 - 1800	2.2	2.5	2.7	2.2	2.2	2.2	1.2	1.4	1.7	1.2	1.2	1.2
1801 - 2400	1.7	2.0	2.2	2.2	2.2	2.2	1.2	1.2	1.2	.7	.7	.7
DAILY VALUE	1.7	2.0	2.7	1.7	2.0	2.2	1.2	1.3	1.7	.7	.9	1.2
0001 - 0600	1.2	1.4	1.7	1.7	1.7	1.7	1.2	1.2	1.2	.7	.7	.7
0601 - 1200	1.2	1.4	1.7	1.7	1.7	1.7	1.2	1.2	1.2	.7	.7	.7
1201 - 1800	2.2	2.5	2.7	2.2	2.4	2.7	1.2	1.5	1.7	-----	-----	-----
1801 - 2400	2.7	2.7	2.7	1.2	1.7	2.2	1.2	1.4	1.7	-----	-----	-----
DAILY VALUE	1.2	2.0	2.7	1.2	1.9	2.7	1.2	1.3	1.7	.7	-----	.7
0001 - 0600	2.2	2.2	2.2	1.2	1.5	1.7	1.2	1.2	1.2	-----	-----	-----
0601 - 1200	2.2	2.2	2.2	1.2	1.4	1.7	1.2	1.2	1.2	-----	-----	-----
1201 - 1800	2.2	2.5	2.7	1.7	2.0	2.2	1.2	1.4	1.7	-----	-----	-----
1801 - 2400	2.2	2.5	2.7	1.7	1.7	1.7	1.2	1.2	1.2	-----	-----	-----
DAILY VALUE	2.2	2.4	2.7	1.2	1.7	2.2	1.2	1.2	1.7	-----	-----	-----
0001 - 0600	1.7	1.9	2.2	1.7	1.7	1.7	1.2	1.2	1.2	-----	-----	-----
0601 - 1200	1.7	2.0	2.2	1.7	1.7	1.7	1.2	1.2	1.2	MONTHLY VALUE		
1201 - 1800	2.7	3.0	3.2	1.7	1.7	1.7	1.2	1.5	1.7	-----		
1801 - 2400	1.7	2.2	2.7	1.7	1.7	1.7	1.2	1.4	1.7	.7	2.0	5.2
DAILY VALUE	1.7	2.3	3.2	1.7	1.7	1.7	1.2	1.3	1.7	-----		

- JULY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	-----	-----	-----	8.4	8.4	8.4	7.9	7.9	7.9
0601 - 1200	-----	-----	-----	-----	-----	-----	7.9	7.9	7.9	7.9	7.9	7.9
1201 - 1800	-----	-----	-----	14.4	14.4	14.4	7.9	7.9	7.9	8.9	8.9	8.9
1801 - 2400	-----	-----	-----	13.9	14.1	14.4	7.9	7.9	7.9	8.9	8.9	8.9
DAILY VALUE	-----	-----	-----	13.9	-----	14.4	7.9	8.0	8.4	7.9	8.4	8.9
0001 - 0600	-----	-----	-----	12.9	13.1	13.4	7.9	7.9	7.9	8.9	8.9	8.9
0601 - 1200	-----	-----	-----	12.4	12.4	12.4	7.9	7.9	7.9	8.9	8.9	8.9
1201 - 1800	-----	-----	-----	12.4	12.4	12.4	7.9	7.9	7.9	8.9	9.1	9.4
1801 - 2400	-----	-----	-----	11.9	12.1	12.4	7.9	7.9	7.9	9.4	9.6	9.9
DAILY VALUE	-----	-----	-----	11.9	12.5	13.4	7.9	7.9	7.9	8.9	9.1	9.9
0001 - 0600	-----	-----	-----	11.4	11.6	11.9	7.9	7.9	7.9	9.9	10.1	10.4
0601 - 1200	-----	-----	-----	10.9	11.1	11.4	7.9	7.9	7.9	10.4	10.4	10.4
1201 - 1800	-----	-----	-----	10.9	10.9	10.9	7.9	7.9	7.9	-----	-----	-----
1801 - 2400	-----	-----	-----	10.9	10.9	10.9	7.9	8.1	8.4	-----	-----	-----
DAILY VALUE	-----	-----	-----	10.9	11.1	11.9	7.9	7.9	8.4	9.9	-----	10.4
0001 - 0600	-----	-----	-----	10.9	10.9	10.9	8.4	8.4	8.4	-----	-----	-----
0601 - 1200	-----	-----	-----	10.9	10.9	10.9	8.4	8.4	8.4	-----	-----	-----
1201 - 1800	-----	-----	-----	10.9	10.9	10.9	8.4	8.4	8.4	12.9	-----	17.9
1801 - 2400	-----	-----	-----	10.9	10.9	10.9	8.4	8.4	8.4	12.9	12.9	12.9
DAILY VALUE	-----	-----	-----	10.9	10.9	10.9	8.4	8.4	8.4	12.9	-----	12.9
0001 - 0600	-----	-----	-----	10.9	10.9	10.9	8.4	8.4	8.4	12.9	12.9	12.9
0601 - 1200	-----	-----	-----	10.4	10.6	10.9	8.4	8.4	8.4	12.4	12.7	12.9
1201 - 1800	-----	-----	-----	10.4	10.4	10.4	8.4	8.4	8.4	12.4	12.4	12.4
1801 - 2400	-----	-----	-----	10.4	10.4	10.4	8.4	8.4	8.4	11.9	12.2	12.4
DAILY VALUE	-----	-----	-----	10.4	10.6	10.9	8.4	8.4	8.4	11.9	12.6	12.9
0001 - 0600	-----	-----	-----	10.4	10.4	10.4	8.4	8.4	8.4	11.9	11.9	11.9
0601 - 1200	-----	-----	-----	9.9	9.9	9.9	8.4	8.4	8.4	11.4	11.4	11.4
1201 - 1800	-----	-----	-----	9.9	9.9	9.9	8.4	8.4	8.4	11.4	11.4	11.4
1801 - 2400	-----	-----	-----	9.4	9.7	9.9	8.4	8.4	8.4	10.9	10.9	10.9
DAILY VALUE	-----	-----	-----	9.4	10.0	10.4	8.4	8.4	8.4	10.9	11.4	11.9
0001 - 0600	-----	-----	-----	9.4	9.4	9.4	8.4	8.4	8.4	10.4	10.4	10.4
0601 - 1200	-----	-----	-----	8.9	9.1	9.4	8.4	8.4	8.4	10.4	10.4	10.4
1201 - 1800	-----	-----	-----	8.9	8.9	8.9	7.9	8.2	8.4	10.4	10.4	10.4
1801 - 2400	-----	-----	-----	8.9	8.9	8.9	7.9	7.9	7.9	10.4	10.4	10.4
DAILY VALUE	-----	-----	-----	8.9	9.1	9.4	7.9	8.2	8.4	10.4	10.4	10.4
0001 - 0600	-----	-----	-----	8.4	8.7	8.9	7.9	7.9	7.9	-----	-----	-----
0601 - 1200	-----	-----	-----	8.4	8.4	8.4	7.9	7.9	7.9	MONTHLY VALUE		
1201 - 1800	-----	-----	-----	8.4	8.4	8.4	7.9	7.9	7.9	-----	-----	-----
1801 - 2400	-----	-----	-----	8.4	8.4	8.4	7.9	7.9	7.9	7.9	-----	14.4
DAILY VALUE	-----	-----	-----	8.4	8.5	8.9	7.9	7.9	7.9	-----	-----	-----

Thermograph data summary, summer surface water temperature (C),
Indian River, RM 138.6, Geocode S31N02W09CDA.

- JUNE 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	2.5	2.8	3.0	3.5	3.7	4.0	4.5	5.0	5.5
0601 - 1200	-----	-----	-----	3.0	3.5	4.0	5.5	6.7	7.5	5.0	5.8	7.0
1201 - 1800	-----	-----	-----	4.5	4.5	4.5	6.0	6.8	7.5	8.5	8.5	8.5
1801 - 2400	-----	-----	-----	3.5	4.0	4.5	3.5	4.2	5.0	6.0	6.8	7.5
DAILY VALUE	-----	-----	-----	2.5	3.7	4.5	3.5	5.3	7.5	4.5	6.5	8.5
0001 - 0600	-----	-----	-----	3.5	3.5	3.5	3.5	3.8	4.5	5.0	5.2	5.5
0601 - 1200	-----	-----	-----	3.5	4.0	4.5	5.5	5.8	6.0	5.0	6.0	7.0
1201 - 1800	-----	-----	-----	4.5	4.8	5.0	4.5	5.2	5.5	8.5	8.5	8.5
1801 - 2400	-----	-----	-----	3.5	4.0	4.5	4.0	4.3	4.5	6.5	7.5	8.5
DAILY VALUE	-----	-----	-----	3.5	4.1	5.0	3.5	4.8	6.0	5.0	6.8	8.5
0001 - 0600	-----	-----	-----	3.5	3.5	3.5	3.5	4.2	5.0	5.0	5.2	5.5
0601 - 1200	-----	-----	-----	3.5	3.7	4.0	6.5	7.2	7.5	5.0	6.0	7.0
1201 - 1800	-----	-----	-----	5.0	5.0	5.0	6.5	6.7	7.0	7.5	7.7	8.0
1801 - 2400	-----	-----	-----	4.0	4.3	4.5	4.5	5.0	5.5	6.5	7.0	7.5
DAILY VALUE	-----	-----	-----	3.5	4.1	5.0	3.5	5.7	7.5	5.0	6.5	8.0
0901 - 0600	-----	-----	-----	3.5	3.5	3.5	4.5	4.5	4.5	5.5	5.7	6.0
0601 - 1200	-----	-----	-----	3.5	4.0	4.5	4.5	4.5	4.5	6.0	6.5	7.5
1201 - 1800	-----	-----	-----	4.5	5.0	5.5	4.5	4.5	4.5	7.5	7.5	7.5
1801 - 2400	-----	-----	-----	3.5	3.8	4.5	3.5	3.8	4.0	6.0	6.8	7.5
DAILY VALUE	-----	-----	-----	3.5	4.1	5.5	3.5	4.3	4.5	5.5	6.6	7.5
0001 - 0600	-----	-----	-----	2.5	2.7	3.0	3.5	4.0	4.5	5.5	5.5	5.5
0601 - 1200	-----	-----	-----	3.0	3.7	4.5	5.0	5.2	5.5	5.5	5.7	6.0
1201 - 1800	-----	-----	-----	5.0	5.3	5.5	6.5	-----	6.5	7.0	7.3	7.5
1801 - 2400	-----	-----	-----	4.0	4.7	5.5	5.0	5.7	6.0	6.5	7.0	7.5
DAILY VALUE	-----	-----	-----	2.5	4.1	5.5	3.5	5.1	6.5	5.5	6.4	7.5
0001 - 0600	-----	-----	-----	3.5	3.8	4.5	4.0	4.2	4.5	5.5	5.7	6.0
0601 - 1200	-----	-----	-----	5.5	6.3	7.0	4.0	5.0	6.0	5.5	6.2	7.0
1201 - 1800	-----	-----	-----	6.0	6.5	7.0	6.5	6.5	6.5	7.0	7.3	7.5
1801 - 2400	-----	-----	-----	4.5	4.8	5.5	5.5	6.0	6.5	6.0	6.5	7.0
DAILY VALUE	-----	-----	-----	3.5	5.4	7.0	4.0	5.4	6.5	5.5	6.4	7.5
0001 - 0600	-----	-----	-----	4.0	4.0	4.0	4.5	4.7	5.0	-----	-----	-----
0601 - 1200	-----	-----	-----	4.0	4.3	4.5	4.5	5.5	6.5	-----	-----	-----
1201 - 1800	-----	-----	-----	4.0	4.2	4.5	8.0	8.2	8.5	-----	-----	-----
1801 - 2400	-----	-----	-----	3.5	3.7	4.0	6.0	7.2	8.0	-----	-----	-----
DAILY VALUE	-----	-----	-----	3.5	4.0	4.5	4.5	6.4	8.5	-----	-----	-----
0001 - 0600	-----	-----	-----	3.5	3.5	3.5	4.5	4.7	5.0	-----	-----	-----
0601 - 1200	4.5	-----	4.5	4.0	4.2	4.5	4.5	5.3	6.5	MONTHLY VALUE		
1201 - 1800	5.5	5.5	5.5	4.0	4.3	4.5	8.5	8.8	9.0	-----		
1801 - 2400	3.5	4.0	4.5	3.5	3.7	4.0	6.0	7.3	8.5	2.5	5.3	9.0
DAILY VALUE	3.5	-----	5.5	3.5	3.9	4.5	4.5	6.5	9.0	-----		

- JULY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	5.5	5.7	6.0	7.5	7.7	8.0	7.0	7.3	7.5	7.0	7.0	7.0
0601 - 1200	5.5	6.2	7.0	8.0	8.2	8.5	7.0	7.5	8.0	7.0	7.0	7.0
1201 - 1800	7.0	7.0	7.0	9.0	9.3	9.5	9.5	9.8	10.0	7.0	7.0	7.0
1801 - 2400	6.0	6.5	7.0	8.5	9.0	9.5	8.5	9.0	9.5	7.0	7.0	7.0
DAILY VALUE	5.5	6.3	7.0	7.5	8.5	9.5	7.0	8.4	10.0	7.0	7.0	7.0
0001 - 0600	5.0	5.3	5.5	7.0	7.5	8.0	7.5	7.8	8.0	6.5	6.7	7.0
0601 - 1200	5.0	5.7	6.5	7.0	7.3	7.5	7.5	7.5	7.5	6.5	6.5	6.5
1201 - 1800	7.5	8.2	8.5	8.0	8.0	8.0	8.0	8.2	8.5	6.5	6.7	7.0
1801 - 2400	6.5	7.2	8.0	7.5	7.7	8.0	8.0	8.3	8.5	7.0	7.0	7.0
DAILY VALUE	5.0	6.6	8.5	7.0	7.6	8.0	7.5	8.0	8.5	6.5	6.7	7.0
0001 - 0600	5.0	5.2	5.5	7.0	7.0	7.0	6.5	7.0	7.5	6.5	6.7	7.0
0601 - 1200	5.0	6.5	8.0	7.0	7.5	8.0	6.5	7.7	9.0	6.5	6.7	7.0
1201 - 1800	9.0	9.5	10.0	8.0	8.2	8.5	10.5	11.2	11.5	7.5	7.7	8.0
1801 - 2400	7.0	8.0	9.0	7.5	7.8	8.0	9.0	10.0	11.0	7.0	7.5	8.0
DAILY VALUE	5.0	7.3	10.0	7.0	7.6	8.5	6.5	9.0	11.5	6.5	7.1	8.0
0001 - 0600	6.0	6.2	6.5	7.0	7.2	7.5	7.5	7.8	8.5	7.0	7.0	7.0
0601 - 1200	6.0	7.0	8.0	7.0	7.0	7.0	7.5	8.3	9.5	7.0	7.2	7.5
1201 - 1800	9.0	9.0	9.0	7.5	7.5	7.5	11.0	12.0	12.5	8.5	8.8	9.0
1801 - 2400	7.0	7.8	8.5	7.0	7.3	7.5	9.5	10.5	11.5	8.0	8.5	9.0
DAILY VALUE	6.0	7.5	9.0	7.0	7.2	7.5	7.5	9.7	12.5	7.0	7.9	9.0
0001 - 0600	6.0	6.2	6.5	6.5	6.8	7.0	8.5	8.7	9.0	7.5	7.5	7.5
0601 - 1200	6.0	7.0	8.0	6.5	7.0	7.5	8.5	8.5	9.5	7.5	7.5	7.5
1201 - 1800	8.5	8.8	9.0	8.0	8.8	9.5	8.5	8.8	9.0	8.0	8.0	8.0
1801 - 2400	7.5	7.7	8.0	8.5	9.0	9.5	8.5	8.7	9.0	7.5	7.8	8.0
DAILY VALUE	6.0	7.4	9.0	6.5	7.9	9.5	8.5	8.7	9.0	7.5	7.7	8.0
0001 - 0600	6.5	6.7	7.0	7.0	7.2	7.5	8.0	8.2	8.5	7.0	7.3	7.5
0601 - 1200	6.5	7.3	8.0	7.0	7.7	8.5	7.5	7.7	8.0	7.0	7.3	7.5
1201 - 1800	9.0	9.3	9.5	8.5	9.3	10.0	8.0	8.0	8.0	7.5	7.5	7.5
1801 - 2400	8.0	8.5	9.0	8.5	9.0	9.5	7.5	7.8	8.0	7.5	7.7	8.0
DAILY VALUE	6.5	8.0	9.5	7.0	8.3	10.0	7.5	7.9	8.5	7.0	7.5	8.0
0001 - 0600	6.0	6.5	7.0	7.5	7.7	8.0	7.5	7.5	7.5	7.0	7.2	7.5
0601 - 1200	6.5	7.8	9.5	7.5	7.8	8.5	7.5	7.5	7.5	7.0	7.3	7.5
1201 - 1800	11.0	11.3	11.5	9.5	9.5	9.5	7.5	7.5	7.5	8.0	8.0	8.0
1801 - 2400	9.0	10.0	11.0	8.0	8.7	9.5	7.5	7.5	7.5	7.5	7.7	8.0
DAILY VALUE	6.0	8.9	11.5	7.5	8.4	9.5	7.5	7.5	7.5	7.0	7.5	8.0
0001 - 0600	7.5	8.0	8.5	7.0	7.3	7.5	7.0	7.2	7.5	-----		
0601 - 1200	8.0	8.8	9.5	7.0	7.3	7.5	7.0	7.0	7.0	MONTHLY VALUE		
1201 - 1800	9.5	9.8	10.0	8.0	8.7	9.0	7.0	7.0	7.0	-----		
1801 - 2400	8.0	8.5	9.0	8.0	8.5	9.0	7.0	7.0	7.0	5.0	7.8	12.5
DAILY VALUE	7.5	8.8	10.0	7.0	8.0	9.0	7.0	7.0	7.5	-----		

Appendix Table 4-C-15

Thermograph data summary, summer surface water temperature (C),
 Slough 21-Area of R&M Stage Recorder, RM 142.0, Geocode
 S32N02W36CCC.

- JULY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200										7.5		7.5
1201 - 1800										7.5	8.2	8.5
1801 - 2400										6.0	6.2	6.5
DAILY VALUE										6.0		8.5
0001 - 0600												
0601 - 1200										5.5	5.5	5.5
1201 - 1800										5.5	6.0	6.5
1801 - 2400										6.0	6.3	6.5
DAILY VALUE										5.5	5.7	6.0
0001 - 0600												
0601 - 1200										5.5	5.5	5.5
1201 - 1800										5.5	5.7	6.0
1801 - 2400										7.5	8.0	8.5
DAILY VALUE										8.5	8.5	8.5
0001 - 0600												
0601 - 1200										8.5	8.5	8.5
1201 - 1800										8.5	8.5	8.5
1801 - 2400										8.5	8.7	9.0
DAILY VALUE										8.5	8.7	9.0
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												
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DAILY VALUE												
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												
1201 - 1800												

Appendix Table 4-C-19 Cont.

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	7.5	8.0	8.5	4.5	4.5	4.5	5.0	5.3	5.5	5.0	5.3	5.5
0601 - 1200	7.0	7.5	8.0	4.5	4.5	4.5	5.0	5.3	5.5	5.0	5.5	6.0
1201 - 1800	7.5	8.3	9.0	4.5	4.5	4.5	6.0	6.2	6.5	6.5	7.2	8.0
1801 - 2400	5.0	5.5	6.0	4.5	4.5	4.5	4.5	5.0	5.5	5.5	6.2	7.0
DAILY VALUE	5.0	7.3	9.0	4.5	4.5	4.5	4.5	5.5	6.5	5.0	6.0	8.0
0001 - 0600	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.0	5.2	5.5
0601 - 1200	4.5	5.7	7.0	4.5	4.5	4.5	5.0	5.7	6.0	5.0	5.3	6.0
1201 - 1800	7.0	7.5	8.0	4.5	4.5	4.5	6.0	6.2	6.5	6.5	7.3	8.0
1801 - 2400	4.5	5.0	5.5	4.5	4.5	4.5	4.5	5.0	5.5	5.0	5.7	6.5
DAILY VALUE	4.5	5.7	8.0	4.5	4.5	4.5	4.5	5.3	6.5	5.0	5.9	8.0
0001 - 0600	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.7	5.0
0601 - 1200	4.5	4.5	4.5	4.5	4.5	4.5	5.0	5.5	6.5	4.0	4.2	4.5
1201 - 1800	4.5	4.5	4.5	4.5	4.5	4.5	6.5	7.0	7.5	5.5	7.0	8.0
1801 - 2400	4.5	4.5	4.5	4.5	4.5	4.5	5.0	5.2	5.5	5.0	5.5	6.0
DAILY VALUE	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.5	7.5	4.0	5.3	8.0
0001 - 0600	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.8	5.0	4.5	4.5	4.5
0601 - 1200	4.5	4.5	4.5	4.5	4.5	4.5	5.0	5.5	6.5	4.5	4.8	5.0
1201 - 1800	4.5	4.5	4.5	4.5	4.5	4.5	7.0	7.8	8.5	5.5	6.2	6.5
1801 - 2400	4.5	4.5	4.5	4.5	4.5	4.5	5.0	5.3	5.5	5.0	5.5	6.0
DAILY VALUE	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.9	8.5	4.5	5.2	6.5
0001 - 0600	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.8	5.0	5.0	5.0	5.0
0601 - 1200	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.3	6.5	5.0	5.0	5.0
1201 - 1800	4.5	4.5	4.5	4.5	4.8	5.0	7.0	7.8	8.5	6.0	6.0	6.0
1801 - 2400	4.5	4.5	4.5	4.5	4.8	5.0	5.0	5.2	5.5	5.0	5.2	5.5
DAILY VALUE	4.5	4.5	4.5	4.5	4.7	5.0	4.5	5.8	8.5	5.0	5.3	6.0
0001 - 0600	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.0	5.0	5.0
0601 - 1200	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.2	6.5	5.0	5.0	5.0
1201 - 1800	4.5	4.5	4.5	4.5	4.5	4.5	8.0	8.0	8.0	5.0	5.2	5.5
1801 - 2400	4.5	4.5	4.5	4.5	4.5	4.5	5.5	6.2	7.0	5.0	5.2	5.5
DAILY VALUE	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.8	8.0	5.0	5.1	5.5
0001 - 0600	4.5	4.5	4.5	4.5	4.5	4.5	5.5	5.5	5.5	5.0	5.0	5.0
0601 - 1200	4.5	4.5	4.5	4.5	4.7	5.0	5.0	5.2	5.5	5.0	5.0	5.0
1201 - 1800	4.5	4.5	4.5	5.0	5.3	5.5	6.0	6.5	7.0	5.5	5.8	6.0
1801 - 2400	4.5	4.5	4.5	4.5	4.8	5.0	5.0	5.7	6.5	5.0	5.3	6.0
DAILY VALUE	4.5	4.5	4.5	4.5	4.8	5.5	5.0	5.7	7.0	5.0	5.3	6.0
0001 - 0600	4.5	4.5	4.5	4.5	4.5	4.5	5.0	5.0	5.0	MONTHLY VALUE		
0601 - 1200	4.5	4.5	4.5	4.5	5.3	6.5	5.0	5.2	5.5			
1201 - 1800	4.5	4.5	4.5	6.5	7.2	7.5	6.5	7.0	7.5	4.0 5.2 9.0		
1801 - 2400	4.5	4.5	4.5	5.5	5.5	5.5	5.5	6.2	7.0			
DAILY VALUE	4.5	4.5	4.5	4.5	5.6	7.5	5.0	5.8	7.5			

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	5.0	5.0	5.0	5.0	5.0	5.0	7.5	7.5	7.5	4.0	4.0	4.0
0601 - 1200	5.0	5.2	5.5	5.0	5.0	5.0	7.0	7.2	7.5	3.5	3.8	4.0
1201 - 1800	6.0	6.3	6.5	5.5	5.8	6.0	7.0	7.0	7.0	4.5	4.8	5.0
1801 - 2400	5.0	5.3	6.0	5.0	5.2	5.5	6.5	6.8	7.0	4.5	4.5	4.5
DAILY VALUE	5.0	5.5	6.5	5.0	5.2	6.0	6.5	7.1	7.5	3.5	4.3	5.0
0001 - 0600	4.5	4.5	4.5	4.5	4.8	5.0	6.0	6.3	6.5	4.0	4.0	4.0
0601 - 1200	4.5	5.0	5.5	4.5	4.8	5.0	5.5	5.7	6.0	4.0	4.2	4.5
1201 - 1800	6.0	6.3	6.5	5.5	5.8	6.0	5.5	5.8	6.0	4.5	4.5	4.5
1801 - 2400	5.0	5.5	6.0	4.5	4.8	5.0	5.0	5.2	5.5	4.5	4.5	4.5
DAILY VALUE	4.5	5.3	6.5	4.5	5.1	6.0	5.0	5.7	6.5	4.0	4.3	4.5
0001 - 0600	5.0	5.0	5.0	4.5	4.5	4.5	5.0	5.0	5.0	4.5	4.5	4.5
0601 - 1200	5.0	5.0	5.0	4.5	4.7	5.0	5.0	5.0	5.0	4.5	4.5	4.5
1201 - 1800	5.0	5.7	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1801 - 2400	5.0	5.2	5.5	4.5	4.8	5.0	5.0	5.0	5.0	4.0	4.2	4.5
DAILY VALUE	5.0	5.2	6.0	4.5	4.7	5.0	5.0	5.0	5.0	4.0	4.5	5.0
0001 - 0600	4.5	4.7	5.0	4.5	4.5	4.5	4.5	4.5	4.5	3.5	3.8	4.0
0601 - 1200	4.5	4.8	5.0	4.0	4.0	4.0	4.5	4.7	5.0	3.5	3.7	4.0
1201 - 1800	5.5	6.0	6.5	4.5	5.3	6.0	5.0	5.0	5.0	4.5	4.5	4.5
1801 - 2400	4.5	5.2	6.0	4.5	4.8	5.0	5.0	5.0	5.0	4.0	4.2	4.5
DAILY VALUE	4.5	5.2	6.5	4.0	4.7	6.0	4.5	4.8	5.0	3.5	4.0	4.5
0001 - 0600	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.7	5.0	4.0	4.0	4.0
0601 - 1200	4.5	4.7	5.0	4.5	4.5	4.5	4.5	4.7	5.0	4.0	4.0	4.0
1201 - 1800	5.5	5.8	6.0	5.0	5.2	5.5	5.0	5.0	5.0	4.5	4.8	5.0
1801 - 2400	5.0	5.3	5.5	5.0	5.0	5.0	4.5	4.8	5.0	4.5	4.5	4.5
DAILY VALUE	4.5	5.1	6.0	4.5	4.8	5.5	4.5	4.8	5.0	4.0	4.3	5.0
0001 - 0600	5.0	5.0	5.0	5.0	5.0	5.0	4.5	4.5	4.5	4.0	4.0	4.0
0601 - 1200	5.0	5.0	5.0	5.0	5.0	5.0	4.5	4.7	5.0	4.0	4.2	4.5
1201 - 1800	5.5	5.7	6.0	5.0	5.0	5.0	5.0	5.0	5.0	4.5	4.8	5.0
1801 - 2400	5.0	5.2	5.5	5.0	5.0	5.0	4.0	4.5	5.0	4.0	4.3	4.5
DAILY VALUE	5.0	5.2	6.0	5.0	5.0	5.0	4.0	4.7	5.0	4.0	4.3	5.0
0001 - 0600	5.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0	-----	-----	-----
0601 - 1200	5.0	5.3	6.0	5.0	5.8	7.0	4.0	4.0	4.0	-----	-----	-----
1201 - 1800	6.0	6.5	7.0	7.0	7.3	7.5	4.0	4.7	5.0	-----	-----	-----
1801 - 2400	5.0	5.2	5.5	7.5	7.5	7.5	4.0	4.2	4.5	-----	-----	-----
DAILY VALUE	5.0	5.5	7.0	5.0	6.4	7.5	4.0	4.2	5.0	-----	-----	-----
0001 - 0600	5.0	5.0	5.0	7.5	7.7	8.0	3.5	3.5	3.5	-----		
0601 - 1200	5.0	5.0	5.0	8.0	8.0	8.0	3.5	3.7	4.0	MONTHLY VALUE		
1201 - 1800	5.5	5.8	6.0	8.0	8.0	8.0	4.0	4.7	5.0	-----		
1801 - 2400	5.0	5.2	5.5	7.5	7.7	8.0	4.0	4.3	4.5	3.5	5.1	8.0
DAILY VALUE	5.0	5.2	6.0	7.5	7.8	8.0	3.5	4.0	5.0	-----		

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	4.0	4.0	4.0	3.0	3.2	3.5	3.0	3.3	3.5	2.0	2.0	2.0
0601 - 1200	4.0	4.0	4.0	3.5	3.7	4.0	3.5	3.7	4.0	2.0	2.3	2.5
1201 - 1800	4.5	4.5	4.5	4.0	4.3	4.5	3.5	3.8	4.0	2.5	2.5	2.5
1801 - 2400	4.0	4.2	4.5	3.5	3.8	4.0	3.0	3.0	3.0	2.0	2.0	2.0
DAILY VALUE	4.0	4.2	4.5	3.0	3.7	4.5	3.0	3.5	4.0	2.0	2.2	2.5
0001 - 0600	4.0	4.0	4.0	3.5	3.5	3.5	3.0	3.0	3.0	2.0	2.0	2.0
0601 - 1200	4.0	4.2	4.5	3.5	3.8	4.0	3.0	3.2	3.5	2.5	2.5	2.5
1201 - 1800	4.5	4.8	5.0	4.0	4.0	4.0	3.5	3.5	3.5	2.0	2.0	2.0
1801 - 2400	4.0	4.2	4.5	3.5	3.5	3.5	3.5	3.5	3.5	2.0	2.0	2.0
DAILY VALUE	4.0	4.3	5.0	3.5	3.7	4.0	3.0	3.3	3.5	2.0	2.1	2.5
0001 - 0600	4.0	4.0	4.0	3.5	3.5	3.5	3.0	3.3	3.5	1.5	1.5	1.5
0601 - 1200	4.0	4.0	4.0	3.5	3.5	3.5	3.0	3.0	3.0	1.5	1.5	1.5
1201 - 1800	-----	-----	-----	3.0	3.7	4.0	3.5	3.7	4.0	1.5	-----	1.5
1801 - 2400	4.0	4.0	4.0	3.5	3.5	3.5	3.0	3.3	3.5	-----	-----	-----
DAILY VALUE	4.0	4.0	4.0	3.0	3.5	4.0	3.0	3.3	4.0	1.5	-----	1.5
0001 - 0600	3.5	3.5	3.5	3.0	3.2	3.5	3.0	3.0	3.0	-----	-----	-----
0601 - 1200	3.5	3.5	3.5	3.5	3.5	3.5	3.0	3.0	3.0	-----	-----	-----
1201 - 1800	4.0	4.2	4.5	4.0	4.0	4.0	3.0	3.3	3.5	-----	-----	-----
1801 - 2400	3.5	3.7	4.0	3.5	3.7	4.0	2.5	2.5	2.5	-----	-----	-----
DAILY VALUE	3.5	3.7	4.5	3.0	3.6	4.0	2.5	3.0	3.5	-----	-----	-----
0001 - 0600	3.5	3.5	3.5	3.5	3.5	3.5	2.5	2.5	2.5	-----	-----	-----
0601 - 1200	3.5	3.5	3.5	3.5	3.5	3.5	2.5	2.5	2.5	-----	-----	-----
1201 - 1800	3.5	3.8	4.0	3.5	3.5	3.5	2.0	2.3	2.5	-----	-----	-----
1801 - 2400	3.5	3.5	3.5	3.5	3.5	3.5	2.0	2.2	2.5	-----	-----	-----
DAILY VALUE	3.5	3.6	4.0	3.5	3.5	3.5	2.0	2.4	2.5	-----	-----	-----
0001 - 0600	3.5	3.5	3.5	3.5	3.5	3.5	2.0	2.0	2.0	-----	-----	-----
0601 - 1200	3.5	3.5	3.5	3.0	3.5	4.0	2.0	2.2	2.5	-----	-----	-----
1201 - 1800	4.0	4.0	4.0	3.5	3.8	4.0	2.5	2.5	2.5	-----	-----	-----
1801 - 2400	3.5	3.5	3.5	3.0	3.0	3.0	2.5	2.5	2.5	-----	-----	-----
DAILY VALUE	3.5	3.6	4.0	3.0	3.5	4.0	2.0	2.3	2.5	-----	-----	-----
0001 - 0600	3.5	3.5	3.5	2.5	2.7	3.0	2.5	2.5	2.5	-----	-----	-----
0601 - 1200	3.5	3.5	3.5	2.5	2.5	2.5	2.0	2.3	2.5	-----	-----	-----
1201 - 1800	3.5	3.8	4.0	3.0	3.0	3.0	2.5	2.5	2.5	-----	-----	-----
1801 - 2400	3.5	3.7	4.0	2.5	2.7	3.0	2.0	2.0	2.0	-----	-----	-----
DAILY VALUE	3.5	3.6	4.0	2.5	2.7	3.0	2.0	2.3	2.5	-----	-----	-----
0001 - 0600	3.5	3.5	3.5	3.0	3.0	3.0	2.0	2.0	2.0	-----	-----	-----
0601 - 1200	3.5	3.7	4.0	3.0	3.0	3.0	2.5	2.5	2.5	MONTHLY VALUE		
1201 - 1800	4.0	4.3	4.5	3.0	3.2	3.5	2.5	2.5	2.5	-----	-----	-----
1801 - 2400	3.0	3.5	4.0	3.0	3.3	3.5	2.0	2.2	2.5	1.5	3.2	5.0
DAILY VALUE	3.0	3.7	4.5	3.0	3.1	3.5	2.0	2.3	2.5	-----	-----	-----

Appendix Table 4-C-19

Thermograph data summary, summer surface water temperature (C),
 Portage Creek, RM 148.8, TRM .1, Geocode
 S32N01W25CAB.

- JUNE 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	2.2	2.4	2.7	-----	-----	-----	4.0	4.2	4.5
0601 - 1200	-----	-----	-----	2.2	2.4	2.7	-----	-----	-----	4.0	5.3	7.0
1201 - 1800	-----	-----	-----	3.2	3.7	4.2	-----	-----	-----	7.5	7.5	7.5
1801 - 2400	-----	-----	-----	3.2	3.7	4.2	-----	-----	-----	5.0	6.0	7.0
DAILY VALUE	-----	-----	-----	2.2	3.0	4.2	-----	-----	-----	4.0	5.7	7.5
0001 - 0600	-----	-----	-----	2.2	2.7	3.2	-----	-----	-----	4.0	4.2	4.5
0601 - 1200	-----	-----	-----	2.2	2.7	3.2	-----	-----	-----	4.5	5.7	7.0
1201 - 1800	-----	-----	-----	3.7	4.2	4.7	-----	-----	-----	7.0	7.7	8.0
1801 - 2400	-----	-----	-----	3.2	4.0	4.7	-----	-----	-----	5.0	6.0	7.0
DAILY VALUE	-----	-----	-----	2.2	3.4	4.7	-----	-----	-----	4.0	5.9	8.0
0001 - 0600	-----	-----	-----	2.2	2.4	2.7	-----	-----	-----	4.0	4.2	4.5
0601 - 1200	-----	-----	-----	2.2	2.7	3.2	-----	-----	-----	4.5	5.5	6.5
1201 - 1800	-----	-----	-----	3.2	3.7	4.2	-----	-----	-----	7.5	7.5	7.5
1801 - 2400	-----	-----	-----	3.7	4.0	4.2	-----	-----	-----	5.5	6.3	7.0
DAILY VALUE	-----	-----	-----	2.2	3.2	4.2	-----	-----	-----	4.0	5.9	7.5
0001 - 0600	-----	-----	-----	2.7	2.9	3.2	-----	-----	-----	5.0	5.0	5.0
0601 - 1200	-----	-----	-----	2.7	2.9	3.2	-----	-----	-----	5.5	6.2	7.0
1201 - 1800	-----	-----	-----	4.2	4.4	4.7	-----	-----	-----	7.5	7.5	7.5
1801 - 2400	-----	-----	-----	2.7	3.2	3.7	-----	-----	-----	5.5	6.0	6.5
DAILY VALUE	-----	-----	-----	2.7	3.3	4.7	-----	-----	-----	5.0	6.2	7.5
0001 - 0600	-----	-----	-----	1.7	2.0	2.2	-----	-----	-----	4.5	4.8	5.0
0601 - 1200	-----	-----	-----	2.2	2.9	3.7	-----	-----	-----	4.5	5.0	5.5
1201 - 1800	-----	-----	-----	4.2	4.5	4.7	-----	-----	-----	6.5	6.8	7.0
1801 - 2400	-----	-----	-----	4.2	4.5	4.7	-----	-----	-----	5.5	6.3	7.0
DAILY VALUE	-----	-----	-----	1.7	3.5	4.7	-----	-----	-----	4.5	5.7	7.0
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	5.0	5.2	5.5
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	5.0	5.5	6.0
1201 - 1800	-----	-----	-----	-----	-----	-----	-----	-----	-----	6.5	6.5	6.5
1801 - 2400	-----	-----	-----	-----	-----	-----	-----	-----	-----	5.5	6.0	6.5
DAILY VALUE	-----	-----	-----	-----	-----	-----	-----	-----	-----	5.0	5.8	6.5
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1201 - 1800	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1801 - 2400	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAILY VALUE	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
0001 - 0600	-----	-----	-----	-----	-----	-----	4.0	4.2	4.5	-----	-----	-----
0601 - 1200	3.2	-----	3.2	-----	-----	-----	4.5	5.7	7.0	MONTHLY VALUE		
1201 - 1800	4.2	4.5	4.7	-----	-----	-----	8.0	8.3	8.5	-----	-----	-----
1801 - 2400	3.2	4.0	4.7	-----	-----	-----	5.0	6.2	7.5	1.7	-----	8.5
DAILY VALUE	3.2	-----	4.7	-----	-----	-----	4.0	6.1	8.5	-----	-----	-----

4-C-64

Appendix Table 4-C-19 Cont.

- JULY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	4.5	4.8	5.0	6.5	7.0	7.5	6.5	7.0	7.5	6.0	6.2	6.5
0601 - 1200	4.5	5.0	5.5	6.5	7.0	7.5	6.5	7.0	7.5	6.0	6.0	6.0
1201 - 1800	6.0	6.3	6.5	8.0	8.3	8.5	8.5	9.0	9.5	6.5	6.5	6.5
1801 - 2400	5.5	6.0	6.5	8.0	8.3	8.5	8.5	9.0	9.5	6.0	6.2	6.5
DAILY VALUE	4.5	5.5	6.5	6.5	7.7	8.5	6.5	8.0	9.5	6.0	6.2	6.5
0001 - 0600	4.5	4.8	5.0	6.5	7.0	7.5	7.0	7.5	8.0	6.0	6.0	6.0
0601 - 1200	-----	-----	-----	6.5	6.7	7.0	7.0	7.0	7.0	6.0	6.0	6.0
1201 - 1800	-----	-----	-----	7.5	7.5	7.5	7.0	7.5	8.0	6.0	6.3	6.5
1801 - 2400	-----	-----	-----	7.5	7.5	7.5	7.5	7.8	8.0	6.5	6.5	6.5
DAILY VALUE	4.5	-----	5.0	6.5	7.2	7.5	7.0	7.5	8.0	6.0	6.2	6.5
0001 - 0600	-----	-----	-----	6.5	6.8	7.0	6.0	6.5	7.0	6.0	6.3	6.5
0601 - 1200	-----	-----	-----	6.5	6.7	7.0	6.0	7.0	8.5	6.0	6.2	6.5
1201 - 1800	-----	-----	-----	8.0	8.2	8.5	9.5	10.3	11.0	7.0	7.5	8.0
1801 - 2400	-----	-----	-----	7.5	8.0	8.5	9.5	10.3	11.0	7.5	7.7	8.0
DAILY VALUE	-----	-----	-----	6.5	7.4	8.5	6.0	8.5	11.0	6.0	6.9	8.0
0001 - 0600	-----	-----	-----	7.0	7.0	7.0	7.0	7.7	8.5	7.0	7.0	7.0
0601 - 1200	-----	-----	-----	6.5	6.7	7.0	7.0	7.8	9.0	7.5	-----	7.5
1201 - 1800	-----	-----	-----	7.0	7.2	7.5	10.5	11.2	11.5	8.5	9.0	9.5
1801 - 2400	-----	-----	-----	7.0	7.2	7.5	10.5	11.2	11.5	8.5	8.8	9.0
DAILY VALUE	-----	-----	-----	6.5	7.0	7.5	7.0	9.5	11.5	7.0	8.2	9.5
0001 - 0600	-----	-----	-----	6.5	6.5	6.5	8.0	8.7	9.5	7.5	7.7	8.0
0601 - 1200	-----	-----	-----	6.5	6.7	7.0	8.0	8.0	8.0	7.5	7.5	7.5
1201 - 1800	-----	-----	-----	8.0	8.7	9.5	8.0	8.3	8.5	7.5	7.8	8.0
1801 - 2400	-----	-----	-----	8.0	8.5	9.0	8.0	8.3	8.5	7.5	7.5	7.5
DAILY VALUE	-----	-----	-----	6.5	7.6	9.5	8.0	8.3	9.5	7.5	7.6	8.0
0001 - 0600	-----	-----	-----	6.5	7.0	7.5	7.5	7.7	8.0	7.0	7.0	7.0
0601 - 1200	-----	-----	-----	6.5	7.2	8.0	7.0	7.3	7.5	7.0	7.0	7.0
1201 - 1800	-----	-----	-----	8.5	9.0	9.5	7.5	7.5	7.5	7.0	7.3	7.5
1801 - 2400	-----	-----	-----	8.0	8.5	9.0	7.0	7.3	7.5	7.5	7.5	7.5
DAILY VALUE	-----	-----	-----	6.5	7.9	9.5	7.0	7.5	8.0	7.0	7.2	7.5
0001 - 0600	-----	-----	-----	7.0	7.2	7.5	7.0	7.0	7.0	7.5	7.5	7.5
0601 - 1200	-----	-----	-----	7.0	7.2	7.5	6.5	6.5	6.5	-----	-----	-----
1201 - 1800	-----	-----	-----	8.5	8.8	9.0	7.0	7.0	7.0	-----	-----	-----
1801 - 2400	-----	-----	-----	8.0	8.3	8.5	6.5	6.7	7.0	-----	-----	-----
DAILY VALUE	-----	-----	-----	7.0	7.9	9.0	6.5	6.8	7.0	7.5	-----	7.5
0001 - 0600	-----	-----	-----	7.0	7.2	7.5	6.5	6.5	6.5	-----	-----	-----
0601 - 1200	-----	-----	-----	6.5	6.8	7.0	6.5	6.5	6.5	MONTHLY VALUE		
1201 - 1800	9.5	-----	9.5	7.5	8.0	8.5	6.5	6.5	6.5	-----	-----	-----
1801 - 2400	8.0	8.5	9.0	7.5	8.0	8.5	6.5	6.5	6.5	4.5	7.4	11.5
DAILY VALUE	8.0	-----	9.5	6.5	7.5	8.5	6.5	6.5	6.5	-----	-----	-----

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	7.5	7.8	8.0	8.0	8.5	9.0	8.5	8.8	9.0
0601 - 1200	-----	-----	-----	7.5	7.5	7.5	7.5	7.7	8.0	8.0	8.2	8.5
1201 - 1800	-----	-----	-----	7.5	7.5	7.5	8.0	8.2	8.5	9.0	9.5	10.0
1801 - 2400	-----	-----	-----	7.5	7.5	7.5	7.5	8.0	8.5	9.0	9.5	10.0
DAILY VALUE	-----	-----	-----	7.5	7.6	8.0	7.5	8.1	9.0	8.0	9.0	10.0
0001 - 0600	-----	-----	-----	7.0	7.2	7.5	6.5	6.8	7.0	8.5	8.7	9.0
0601 - 1200	-----	-----	-----	7.0	7.0	7.0	7.0	7.2	7.5	8.0	8.0	8.0
1201 - 1800	-----	-----	-----	7.5	7.7	8.0	8.0	8.3	8.5	9.0	9.5	10.0
1801 - 2400	-----	-----	-----	7.5	7.7	8.0	8.0	8.3	8.5	9.0	9.5	10.0
DAILY VALUE	-----	-----	-----	7.0	7.4	8.0	6.5	7.7	8.5	8.0	8.9	10.0
0001 - 0600	-----	-----	-----	7.0	7.2	7.5	6.5	7.0	7.5	6.5	7.3	8.0
0601 - 1200	-----	-----	-----	7.0	7.2	7.5	6.5	6.7	7.0	6.0	6.2	6.5
1201 - 1800	-----	-----	-----	8.5	9.0	9.5	8.0	8.8	9.5	8.0	8.7	9.0
1801 - 2400	-----	-----	-----	8.0	8.8	9.5	9.0	9.5	10.0	8.5	8.8	9.0
DAILY VALUE	-----	-----	-----	7.0	8.0	9.5	6.5	8.0	10.0	6.0	7.7	9.0
0001 - 0600	-----	-----	-----	6.0	6.7	7.5	7.5	7.8	8.5	6.5	7.0	7.5
0601 - 1200	8.5	-----	8.5	5.5	6.2	7.0	7.0	7.3	8.0	6.5	6.5	6.5
1201 - 1800	9.0	9.8	10.5	8.5	9.0	9.5	9.0	10.0	10.5	7.0	7.5	8.0
1801 - 2400	9.0	9.8	10.5	9.0	9.3	9.5	9.5	9.8	10.0	8.0	8.0	8.0
DAILY VALUE	8.5	-----	10.5	5.5	7.8	9.5	7.0	8.7	10.5	6.5	7.2	8.0
0001 - 0600	7.0	7.7	8.5	7.0	7.5	8.0	7.5	8.0	8.5	7.5	7.5	7.5
0601 - 1200	7.0	7.3	8.0	6.5	7.0	8.0	6.5	7.0	7.5	7.0	7.2	7.5
1201 - 1800	9.0	9.3	9.5	9.5	10.0	10.5	9.0	9.5	10.0	7.5	7.8	8.0
1801 - 2400	9.0	9.2	9.5	10.0	10.3	10.5	9.5	9.8	10.0	7.5	7.8	8.0
DAILY VALUE	7.0	8.4	9.5	6.5	8.7	10.5	6.5	8.6	10.0	7.0	7.6	8.0
0001 - 0600	7.0	7.5	8.0	8.5	9.0	9.5	7.0	7.8	8.5	7.0	7.3	7.5
0601 - 1200	7.0	7.3	8.0	8.5	8.5	8.5	6.5	6.8	7.5	7.0	7.0	7.0
1201 - 1800	9.0	9.8	10.5	8.5	8.5	8.5	9.0	9.5	10.0	7.0	7.0	7.0
1801 - 2400	9.0	9.5	10.0	8.5	8.8	9.0	10.0	10.0	10.0	7.0	7.0	7.0
DAILY VALUE	7.0	8.5	10.5	8.5	8.7	9.5	6.5	8.5	10.0	7.0	7.1	7.5
0001 - 0600	7.0	7.5	8.0	8.0	8.2	8.5	9.0	9.2	9.5	6.0	6.3	6.5
0601 - 1200	7.0	7.3	8.0	8.0	8.2	8.5	8.5	8.5	8.5	6.0	6.0	6.0
1201 - 1800	8.5	8.8	9.0	9.0	9.3	9.5	9.0	9.0	9.0	-----	-----	-----
1801 - 2400	8.5	8.7	9.0	8.5	9.0	9.5	9.0	9.3	9.5	-----	-----	-----
DAILY VALUE	7.0	8.1	9.0	8.0	8.7	9.5	8.5	9.0	9.5	6.0	-----	6.5
0001 - 0600	7.0	7.5	8.0	7.5	8.0	8.5	8.0	8.3	8.5	-----		
0601 - 1200	6.5	7.2	8.0	7.5	7.8	8.5	8.0	8.2	8.5	MONTHLY VALUE		
1201 - 1800	8.5	9.0	9.5	9.5	9.8	10.0	9.0	9.7	10.0	-----		
1801 - 2400	8.5	9.0	9.5	9.5	9.7	10.0	9.5	9.8	10.0	5.5	8.2	10.5
DAILY VALUE	6.5	8.2	9.5	7.5	8.8	10.0	8.0	9.0	10.0	-----		

Tributary data

Appendix A Table 4-c-20 Thermograph data summary, summer surface water temperature (C),
Tsusena Creek, RM 181.3, Geocode S32N04E36ADB.

TRM 0.0

- JUNE 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.0	4.5	5.0
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.0	5.3	7.0
1201 - 1800	-----	-----	-----	-----	-----	-----	-----	-----	-----	8.0	8.5	9.0
1801 - 2400	-----	-----	-----	-----	-----	-----	-----	-----	-----	6.5	7.7	8.5
DAILY VALUE	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.0	6.5	9.0
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.5	4.8	5.5
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.5	5.3	6.5
1201 - 1800	-----	-----	-----	-----	-----	-----	-----	-----	-----	8.0	8.5	9.0
1801 - 2400	-----	-----	-----	-----	-----	-----	-----	-----	-----	6.5	7.8	9.0
DAILY VALUE	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.5	6.6	9.0
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.5	4.8	5.5
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.5	5.3	6.5
1201 - 1800	-----	-----	-----	-----	-----	-----	7.0	7.7	8.0	8.0	8.8	9.5
1801 - 2400	-----	-----	-----	-----	-----	-----	6.5	7.3	8.0	7.0	8.3	9.5
DAILY VALUE	-----	-----	-----	-----	-----	-----	6.5	-----	8.0	4.5	6.8	9.5
0001 - 0600	-----	-----	-----	-----	-----	-----	4.5	5.2	6.0	5.5	6.0	6.5
0601 - 1200	-----	-----	-----	-----	-----	-----	4.0	4.0	4.0	5.5	6.2	7.0
1201 - 1800	-----	-----	-----	-----	-----	-----	4.0	4.2	4.5	8.0	8.3	8.5
1801 - 2400	-----	-----	-----	-----	-----	-----	4.5	4.5	4.5	6.5	7.3	8.0
DAILY VALUE	-----	-----	-----	-----	-----	-----	4.0	4.5	6.0	5.5	7.0	8.5
0001 - 0600	-----	-----	-----	-----	-----	-----	4.0	4.0	4.0	5.0	5.2	5.5
0601 - 1200	-----	-----	-----	-----	-----	-----	4.0	4.2	4.5	5.0	5.5	6.0
1201 - 1800	-----	-----	-----	-----	-----	-----	5.5	6.5	7.5	6.5	7.3	8.0
1801 - 2400	-----	-----	-----	-----	-----	-----	6.5	7.5	8.0	7.5	7.8	8.0
DAILY VALUE	-----	-----	-----	-----	-----	-----	4.0	5.5	8.0	5.0	6.5	8.0
0001 - 0600	-----	-----	-----	-----	-----	-----	4.5	5.2	6.0	5.5	6.0	6.5
0601 - 1200	-----	-----	-----	-----	-----	-----	4.5	5.2	6.0	5.5	5.7	6.0
1201 - 1800	-----	-----	-----	-----	-----	-----	7.0	7.5	8.0	7.0	7.3	7.5
1801 - 2400	-----	-----	-----	-----	-----	-----	7.0	7.5	8.0	6.5	7.0	7.5
DAILY VALUE	-----	-----	-----	-----	-----	-----	4.5	6.3	8.0	5.5	6.5	7.5
0001 - 0600	-----	-----	-----	-----	-----	-----	4.5	5.2	6.0	-----	-----	-----
0601 - 1200	-----	-----	-----	-----	-----	-----	4.5	5.5	7.0	-----	-----	-----
1201 - 1800	-----	-----	-----	-----	-----	-----	8.5	9.5	10.0	-----	-----	-----
1801 - 2400	-----	-----	-----	-----	-----	-----	6.5	8.2	9.5	-----	-----	-----
DAILY VALUE	-----	-----	-----	-----	-----	-----	4.5	7.1	10.0	-----	-----	-----
0001 - 0600	-----	-----	-----	-----	-----	-----	4.0	4.7	5.5	-----	-----	-----
0601 - 1200	-----	-----	-----	-----	-----	-----	4.0	5.2	6.5	MONTHLY VALUE		
1201 - 1800	-----	-----	-----	-----	-----	-----	8.5	9.7	10.5	-----	-----	-----
1801 - 2400	-----	-----	-----	-----	-----	-----	6.5	8.0	9.5	4.0	-----	10.5
DAILY VALUE	-----	-----	-----	-----	-----	-----	4.0	6.9	10.5	-----	-----	-----

Appendix Table 4-C-20 Cont.

- JULY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600										6.5	6.8	7.0
0601 - 1200										6.5	6.7	7.0
1201 - 1800										7.0	7.2	7.5
1801 - 2400										7.0	7.2	7.5
DAILY VALUE										6.5	7.0	7.5
0001 - 0600										6.5	6.5	6.5
0601 - 1200										6.5	6.8	7.5
1201 - 1800										8.5	8.7	9.0
1801 - 2400										8.5	8.8	9.0
DAILY VALUE										6.5	7.7	9.0
0001 - 0600										7.5	7.7	8.0
0601 - 1200										7.0	7.3	7.5
1201 - 1800										8.0	8.8	9.5
1801 - 2400										9.5	9.7	10.0
DAILY VALUE										7.0	8.4	10.0
0001 - 0600										7.5	8.0	8.5
0601 - 1200										7.5	7.7	8.0
1201 - 1800										9.5	10.2	11.0
1801 - 2400										10.5	10.8	11.0
DAILY VALUE										7.5	9.1	11.0
0001 - 0600										8.0	8.7	9.5
0601 - 1200										7.5	7.7	8.0
1201 - 1800										8.0	8.2	8.5
1801 - 2400										8.0	8.3	8.5
DAILY VALUE										7.5	8.2	9.5
0001 - 0600										7.0	7.3	7.5
0601 - 1200										7.0	7.0	7.0
1201 - 1800										7.5	7.5	7.5
1801 - 2400										7.5	7.5	7.5
DAILY VALUE										7.0	7.3	7.5
0001 - 0600										6.5	6.7	7.0
0601 - 1200										6.5	6.7	7.0
1201 - 1800										8.0	8.5	9.0
1801 - 2400										8.0	8.7	9.0
DAILY VALUE										6.5	7.6	9.0
0001 - 0600										MONTHLY VALUE		
0601 - 1200												
1201 - 1800												
1801 - 2400										6.5		11.0
DAILY VALUE												

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	6.0	6.7	7.5	7.0	7.5	8.0	8.0	8.3	9.0	8.5	8.8	9.0
0601 - 1200	6.0	6.3	7.0	7.0	7.2	7.5	7.5	7.5	7.5	8.5	8.5	8.5
1201 - 1800	8.5	9.3	10.0	8.0	8.3	8.5	8.0	8.2	8.5	9.0	9.8	10.5
1801 - 2400	8.5	9.3	10.0	8.0	8.5	9.0	8.0	8.5	9.0	9.5	10.2	10.5
DAILY VALUE	6.0	7.9	10.0	7.0	7.9	9.0	7.5	8.1	9.0	8.5	9.3	10.5
0001 - 0600	6.0	6.5	7.0	7.0	7.5	8.0	6.5	7.0	7.5	7.5	8.0	8.5
0601 - 1200	6.0	6.5	7.5	7.0	7.2	7.5	6.5	6.8	7.5	7.5	7.7	8.0
1201 - 1800	8.5	9.3	10.0	7.5	7.8	8.0	9.0	9.8	10.5	9.5	9.7	10.0
1801 - 2400	8.5	9.3	10.0	7.5	7.8	8.0	8.5	9.2	9.5	9.0	9.5	10.0
DAILY VALUE	6.0	7.9	10.0	7.0	7.6	8.0	6.5	8.2	10.5	7.5	8.7	10.0
0001 - 0600	6.0	6.7	7.5	7.0	7.2	7.5	6.0	7.0	8.0	6.5	7.2	8.0
0601 - 1200	6.0	6.7	7.5	6.5	6.7	7.0	6.0	6.3	7.0	6.0	6.2	6.5
1201 - 1800	9.0	9.8	10.5	8.0	8.7	9.0	9.0	9.7	10.0	8.0	9.0	9.5
1801 - 2400	9.0	9.7	10.0	8.0	8.7	9.0	9.5	9.8	10.0	9.0	9.5	10.0
DAILY VALUE	6.0	8.2	10.5	6.5	7.8	9.0	6.0	8.2	10.0	6.0	8.0	10.0
0001 - 0600	6.5	7.2	8.0	6.0	6.7	7.5	7.5	8.0	8.5	6.5	7.2	8.0
0601 - 1200	6.0	6.8	8.0	5.5	6.2	7.0	7.5	7.8	8.5	6.0	6.3	7.0
1201 - 1800	9.5	10.5	11.0	9.0	9.8	10.5	10.0	10.7	11.0	8.0	8.8	9.5
1801 - 2400	9.5	10.2	10.5	10.0	10.5	11.0	10.5	10.8	11.0	8.5	8.8	9.0
DAILY VALUE	6.0	8.7	11.0	5.5	8.3	11.0	7.5	9.3	11.0	6.0	7.8	9.5
0001 - 0600	7.0	7.8	8.5	7.0	7.8	8.5	8.0	8.7	9.5	7.0	7.5	8.0
0601 - 1200	7.0	7.3	8.0	7.0	7.3	8.0	7.5	7.7	8.0	7.0	7.0	7.0
1201 - 1800	9.5	10.3	11.0	10.0	11.0	12.0	9.0	9.8	10.5	7.5	7.8	8.0
1801 - 2400	9.5	10.0	10.5	11.0	11.5	12.0	9.5	10.0	10.5	8.0	8.0	8.0
DAILY VALUE	7.0	8.9	11.0	7.0	9.4	12.0	7.5	9.0	10.5	7.0	7.6	8.0
0001 - 0600	7.0	7.7	8.5	9.5	10.0	10.5	7.0	7.7	8.5	7.5	7.7	8.0
0601 - 1200	6.5	7.2	8.0	9.0	9.0	9.0	6.5	6.8	7.5	7.0	7.0	7.0
1201 - 1800	9.5	10.3	11.0	9.0	9.3	9.5	9.0	9.8	10.5	7.5	7.5	7.5
1801 - 2400	10.0	10.5	11.0	9.5	9.5	9.5	10.5	10.8	11.0	7.5	7.5	7.5
DAILY VALUE	6.5	8.9	11.0	9.0	9.5	10.5	6.5	8.8	11.0	7.0	7.4	8.0
0001 - 0600	7.0	7.8	8.5	8.0	8.5	9.0	9.5	9.7	10.0	6.5	6.7	7.0
0601 - 1200	7.0	7.2	7.5	7.5	8.0	8.5	9.0	9.0	9.0	6.0	6.3	6.5
1201 - 1800	9.0	9.3	9.5	9.0	9.2	9.5	9.5	9.5	9.5	7.0	7.3	7.5
1801 - 2400	8.5	9.0	9.5	8.5	9.0	9.5	9.5	9.7	10.0	7.5	7.5	7.5
DAILY VALUE	7.0	8.3	9.5	7.5	8.7	9.5	9.0	9.5	10.0	6.0	7.0	7.5
0001 - 0600	7.5	7.8	8.0	7.0	7.5	8.0	8.5	8.7	9.0	-----		
0601 - 1200	7.0	7.7	8.5	6.5	7.2	8.5	8.0	8.5	9.0	MONTHLY VALUE		
1201 - 1800	9.0	9.5	10.0	9.0	9.8	10.5	9.5	9.7	10.0	-----		
1801 - 2400	8.5	9.0	9.5	9.5	10.0	10.5	9.5	9.8	10.0	5.5	8.4	12.0
DAILY VALUE	7.0	8.5	10.0	6.5	8.6	10.5	8.0	9.2	10.0	-----		

Appendix Table 4-C-20 Cont.

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	3.0	3.3	3.5	.5	.7	1.0	-----	-----	-----	-----	-----	-----
0601 - 1200	3.5	3.5	3.5	.5	.7	1.0	-----	-----	-----	-----	-----	-----
1201 - 1800	3.5	3.8	4.0	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----
1801 - 2400	3.5	3.7	4.0	1.5	1.5	1.5	-----	-----	-----	-----	-----	-----
DAILY VALUE	3.0	3.6	4.0	.5	1.0	1.5	-----	-----	-----	-----	-----	-----
0001 - 0600	3.0	3.0	3.0	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----
0601 - 1200	3.0	3.0	3.0	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----
1201 - 1800	3.0	3.3	3.5	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----
1801 - 2400	3.0	3.3	3.5	.5	.8	1.0	-----	-----	-----	-----	-----	-----
DAILY VALUE	3.0	3.2	3.5	.5	1.0	1.0	-----	-----	-----	-----	-----	-----
0001 - 0600	2.5	2.8	3.0	0.0	.2	.5	-----	-----	-----	-----	-----	-----
0601 - 1200	2.0	2.2	2.5	0.0	0.0	0.0	-----	-----	-----	-----	-----	-----
1201 - 1800	2.5	2.8	3.0	0.0	.3	.5	-----	-----	-----	-----	-----	-----
1801 - 2400	3.0	3.0	3.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
DAILY VALUE	2.0	2.7	3.0	0.0	.2	.5	-----	-----	-----	-----	-----	-----
0001 - 0600	2.0	2.2	2.5	.5	.5	.5	-----	-----	-----	-----	-----	-----
0601 - 1200	1.5	1.5	1.5	.5	.5	.5	-----	-----	-----	-----	-----	-----
1201 - 1800	2.0	2.0	2.0	1.0	1.2	1.5	-----	-----	-----	-----	-----	-----
1801 - 2400	2.0	2.0	2.0	1.5	1.5	1.5	-----	-----	-----	-----	-----	-----
DAILY VALUE	1.5	1.9	2.5	.5	.9	1.5	-----	-----	-----	-----	-----	-----
0001 - 0600	1.5	1.8	2.0	1.0	1.2	1.5	-----	-----	-----	-----	-----	-----
0601 - 1200	1.5	1.5	1.5	0.0	.2	.5	-----	-----	-----	-----	-----	-----
1201 - 1800	1.5	1.8	2.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
1801 - 2400	1.0	1.5	2.0	0.0	0.0	0.0	-----	-----	-----	-----	-----	-----
DAILY VALUE	1.0	1.7	2.0	0.0	.5	1.5	-----	-----	-----	-----	-----	-----
0001 - 0600	0.0	.3	.5	0.0	0.0	0.0	-----	-----	-----	-----	-----	-----
0601 - 1200	0.0	0.0	0.0	0.0	0.0	0.0	-----	-----	-----	-----	-----	-----
1201 - 1800	.5	.7	1.0	0.0	0.0	0.0	-----	-----	-----	-----	-----	-----
1801 - 2400	.5	.5	.5	0.0	0.0	0.0	-----	-----	-----	-----	-----	-----
DAILY VALUE	0.0	.4	1.0	0.0	0.0	0.0	-----	-----	-----	-----	-----	-----
0001 - 0600	.5	.5	.5	0.0	0.0	0.0	-----	-----	-----	-----	-----	-----
0601 - 1200	.5	.5	.5	0.0	0.0	0.0	-----	-----	-----	-----	-----	-----
1201 - 1800	.5	.5	.5	0.0	0.0	0.0	-----	-----	-----	-----	-----	-----
1801 - 2400	.5	.5	.5	0.0	0.0	0.0	-----	-----	-----	-----	-----	-----
DAILY VALUE	.5	.5	.5	0.0	0.0	0.0	-----	-----	-----	-----	-----	-----
0001 - 0600	.5	.5	.5	0.0	0.0	0.0	-----	-----	-----	-----	-----	-----
0601 - 1200	.5	.7	1.0	0.0	0.0	0.0	-----	-----	-----	-----	-----	-----
1201 - 1800	1.0	1.2	1.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
1801 - 2400	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAILY VALUE	.5	.8	1.5	0.0	-----	0.0	-----	-----	-----	-----	-----	-----
											MONTHLY VALUE	
											0.0	4.0

Tributary data



Appendix Table 4-c-21

Thermograph data summary, summer surface water temperature (C),
 Watana Creek, RM 194.1, Geocode S32N06E25CCA.

- JUNE 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	6.5	7.5	8.5
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	6.5	7.8	9.5
1201 - 1800	-----	-----	-----	-----	-----	-----	-----	-----	-----	11.0	11.3	11.5
1801 - 2400	-----	-----	-----	-----	-----	-----	-----	-----	-----	10.0	10.8	11.5
DAILY VALUE	-----	-----	-----	-----	-----	-----	-----	-----	-----	6.5	9.4	11.5
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	7.0	7.7	8.5
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	7.0	8.0	9.0
1201 - 1800	-----	-----	-----	-----	-----	-----	-----	-----	-----	11.0	11.7	12.0
1801 - 2400	-----	-----	-----	-----	-----	-----	-----	-----	-----	10.5	11.3	12.0
DAILY VALUE	-----	-----	-----	-----	-----	-----	-----	-----	-----	7.0	9.7	12.0
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	7.0	8.0	9.0
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	7.0	8.2	9.5
1201 - 1800	-----	-----	-----	-----	-----	-----	-----	-----	-----	11.0	12.2	13.0
1801 - 2400	-----	-----	-----	-----	-----	-----	-----	-----	-----	11.0	12.0	13.0
DAILY VALUE	-----	-----	-----	-----	-----	-----	-----	-----	-----	7.0	10.1	13.0
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	8.5	9.2	10.0
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	8.5	9.2	10.0
1201 - 1800	-----	-----	-----	-----	-----	-----	-----	-----	-----	11.0	11.0	11.0
1801 - 2400	-----	-----	-----	-----	-----	-----	6.0	6.5	7.0	9.0	9.7	10.5
DAILY VALUE	-----	-----	-----	-----	-----	-----	6.0	-----	7.0	8.5	9.7	11.0
0001 - 0600	-----	-----	-----	-----	-----	-----	5.0	5.2	5.5	7.5	7.8	8.5
0601 - 1200	-----	-----	-----	-----	-----	-----	5.0	5.3	6.0	7.5	7.7	8.0
1201 - 1800	-----	-----	-----	-----	-----	-----	6.5	7.0	7.5	8.5	9.3	10.5
1801 - 2400	-----	-----	-----	-----	-----	-----	7.0	7.3	7.5	9.5	10.0	10.5
DAILY VALUE	-----	-----	-----	-----	-----	-----	5.0	6.2	7.5	7.5	8.7	10.5
0001 - 0600	-----	-----	-----	-----	-----	-----	5.5	5.7	6.0	7.5	8.3	9.0
0601 - 1200	-----	-----	-----	-----	-----	-----	5.5	6.0	6.5	7.5	7.8	8.0
1201 - 1800	-----	-----	-----	-----	-----	-----	8.0	8.5	9.0	9.0	9.3	9.5
1801 - 2400	-----	-----	-----	-----	-----	-----	8.0	8.3	8.5	9.0	9.2	9.5
DAILY VALUE	-----	-----	-----	-----	-----	-----	5.5	7.1	9.0	7.5	8.7	9.5
0001 - 0600	-----	-----	-----	-----	-----	-----	5.5	6.3	7.0	-----	-----	-----
0601 - 1200	-----	-----	-----	-----	-----	-----	6.0	6.8	8.0	-----	-----	-----
1201 - 1800	-----	-----	-----	-----	-----	-----	10.0	11.2	12.0	-----	-----	-----
1801 - 2400	-----	-----	-----	-----	-----	-----	9.5	10.8	12.0	-----	-----	-----
DAILY VALUE	-----	-----	-----	-----	-----	-----	5.5	8.8	12.0	-----	-----	-----
0001 - 0600	-----	-----	-----	-----	-----	-----	6.0	7.0	8.0	-----	-----	-----
0601 - 1200	-----	-----	-----	-----	-----	-----	6.0	7.2	8.5	MONTHLY VALUE		
1201 - 1800	-----	-----	-----	-----	-----	-----	11.0	12.2	13.0	-----		
1801 - 2400	-----	-----	-----	-----	-----	-----	10.0	11.3	12.5	5.0	-----	13.0
DAILY VALUE	-----	-----	-----	-----	-----	-----	6.0	9.4	13.0	-----		

4-c-72

- JULY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	7.5	8.0	8.5	9.5	10.2	11.0	8.0	8.2	8.5	8.0	8.0	8.0
0601 - 1200	7.0	7.2	7.5	9.5	10.2	11.0	8.0	8.0	8.0	8.0	8.0	8.0
1201 - 1800	8.0	8.3	8.5	11.5	11.5	11.5	12.0	12.0	12.0	8.0	8.5	9.0
1801 - 2400	8.0	8.3	8.5	10.0	10.8	11.5	10.0	10.5	11.0	8.5	8.7	9.0
DAILY VALUE	7.0	8.0	8.5	9.5	10.7	11.5	8.0	12.0	12.0	8.0	8.3	9.0
0001 - 0600	6.5	7.0	7.5	9.0	9.2	9.5	8.5	8.7	9.0	7.0	7.3	7.5
0601 - 1200	6.5	7.5	8.5	9.0	9.3	10.0	8.0	8.3	8.5	7.0	7.7	8.5
1201 - 1800	10.0	10.7	11.5	11.0	11.3	11.5	9.0	9.5	10.0	10.0	10.8	11.5
1801 - 2400	9.0	10.0	11.0	10.0	10.5	11.0	9.0	9.7	10.5	10.0	10.8	11.5
DAILY VALUE	6.5	8.8	11.5	9.0	10.1	11.5	8.0	9.0	10.5	7.0	9.2	11.5
0001 - 0600	6.0	6.8	8.0	8.5	8.8	9.0	6.5	7.2	8.0	8.5	9.0	9.5
0601 - 1200	6.0	7.0	8.5	8.5	8.8	9.5	6.5	8.2	10.0	8.5	8.7	9.0
1201 - 1800	11.0	12.2	13.0	10.5	10.8	11.0	12.0	13.2	14.0	10.0	10.8	11.5
1801 - 2400	10.5	11.5	12.5	10.0	10.5	11.0	11.0	12.3	13.5	10.0	10.8	11.5
DAILY VALUE	6.0	9.4	13.0	8.5	9.7	11.0	6.5	10.2	14.0	8.5	9.8	11.5
0001 - 0600	7.0	8.0	9.0	8.5	9.0	9.5	7.5	8.7	10.0	8.0	8.5	9.0
0601 - 1200	7.0	8.0	9.0	8.5	8.7	9.0	7.5	8.8	10.5	8.0	8.7	9.5
1201 - 1800	10.5	11.2	11.5	9.5	10.0	10.5	12.5	13.3	14.0	10.5	11.5	12.0
1801 - 2400	10.0	10.8	11.5	9.5	10.0	10.5	12.5	13.3	14.0	11.0	11.5	12.0
DAILY VALUE	7.0	9.5	11.5	8.5	9.4	10.5	7.5	11.0	14.0	8.0	10.0	12.0
0001 - 0600	7.5	8.2	9.0	8.0	8.5	9.0	9.0	10.0	11.0	9.0	9.5	10.0
0601 - 1200	7.5	8.5	9.5	8.0	8.7	9.5	8.5	9.0	9.5	9.0	9.0	9.0
1201 - 1800	11.0	11.3	11.5	11.0	11.3	11.5	10.0	10.3	10.5	9.1	9.1	9.1
1801 - 2400	10.0	10.8	11.5	10.5	11.0	11.5	10.0	10.3	10.5	8.6	8.9	9.1
DAILY VALUE	7.5	9.7	11.5	8.0	9.9	11.5	8.5	9.9	11.0	8.6	9.1	10.0
0001 - 0600	7.5	8.2	9.0	8.5	8.8	9.5	9.0	9.2	9.5	7.1	7.6	8.1
0601 - 1200	7.5	8.3	9.5	8.5	8.7	9.0	8.5	8.7	9.0	7.1	7.4	7.6
1201 - 1800	11.5	12.2	12.5	10.0	10.7	11.0	10.0	10.0	10.0	7.6	7.9	8.1
1801 - 2400	10.5	11.5	12.5	10.0	10.5	11.0	9.0	9.2	9.5	7.6	7.8	8.1
DAILY VALUE	7.5	10.0	12.5	8.5	9.7	11.0	8.5	9.2	10.0	7.1	7.7	8.1
0001 - 0600	7.0	8.0	9.0	8.0	8.5	9.0	8.0	8.2	8.5	6.6	6.9	7.1
0601 - 1200	7.0	8.5	10.5	8.0	8.7	9.5	8.0	8.0	8.0	6.6	6.9	7.1
1201 - 1800	13.0	14.5	15.5	10.5	10.5	10.5	8.5	8.5	8.5	8.1	8.6	9.1
1801 - 2400	13.0	14.0	15.0	9.5	9.8	10.0	8.5	8.5	8.5	7.6	8.4	9.1
DAILY VALUE	7.0	11.2	15.5	8.0	9.4	10.5	8.0	8.3	8.5	6.6	7.7	9.1
0001 - 0600	9.5	10.3	11.5	8.0	8.5	9.0	8.0	8.0	8.0	MONTHLY VALUE		
0601 - 1200	9.5	10.2	11.0	8.0	8.2	8.5	8.0	8.2	8.5			
1201 - 1800	12.5	12.8	13.0	9.0	9.7	10.0	8.5	8.7	9.0	6.0 9.5 15.5		
1801 - 2400	11.5	12.2	13.0	9.0	9.5	10.0	8.0	8.3	8.5			
DAILY VALUE	9.5	11.4	13.0	8.0	9.0	10.0	8.0	8.3	9.0			

Appendix Table 4-C-21 Cont.

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	6.1	6.6	7.1	6.6	6.9	7.1	-----	-----	-----	-----	-----	-----
0601 - 1200	6.1	6.8	7.6	6.6	6.8	7.1	-----	-----	-----	-----	-----	-----
1201 - 1800	8.6	9.4	10.1	8.1	8.4	8.6	-----	-----	-----	-----	-----	-----
1801 - 2400	8.1	8.8	9.6	7.6	8.1	8.6	-----	-----	-----	-----	-----	-----
DAILY VALUE	6.1	7.9	10.1	6.6	7.6	8.6	-----	-----	-----	-----	-----	-----
0001 - 0600	6.1	6.6	7.1	6.6	6.8	7.1	-----	-----	-----	-----	-----	-----
0601 - 1200	6.1	6.9	8.1	6.6	6.9	7.6	-----	-----	-----	-----	-----	-----
1201 - 1800	8.6	9.1	9.6	7.6	7.9	8.1	-----	-----	-----	-----	-----	-----
1801 - 2400	8.1	8.9	9.6	7.1	7.6	8.1	-----	-----	-----	-----	-----	-----
DAILY VALUE	6.1	7.9	9.6	6.6	7.3	8.1	-----	-----	-----	-----	-----	-----
0001 - 0600	5.6	6.3	7.1	6.1	6.6	7.1	-----	-----	-----	-----	-----	-----
0601 - 1200	5.6	6.8	8.1	6.1	6.6	7.1	-----	-----	-----	-----	-----	-----
1201 - 1800	9.6	10.4	11.1	8.6	8.9	9.1	-----	-----	-----	-----	-----	-----
1801 - 2400	8.6	9.6	10.6	7.6	8.4	9.1	-----	-----	-----	-----	-----	-----
DAILY VALUE	5.6	8.3	11.1	6.1	7.6	9.1	-----	-----	-----	-----	-----	-----
0001 - 0600	6.1	6.8	7.6	5.1	5.8	6.6	-----	-----	-----	-----	-----	-----
0601 - 1200	5.6	6.8	8.1	4.6	5.8	7.1	-----	-----	-----	-----	-----	-----
1201 - 1800	10.1	10.8	11.1	9.1	10.1	10.6	-----	-----	-----	-----	-----	-----
1801 - 2400	9.1	9.8	10.6	8.6	9.4	10.6	-----	-----	-----	-----	-----	-----
DAILY VALUE	5.6	8.5	11.1	4.6	7.8	10.6	-----	-----	-----	-----	-----	-----
0001 - 0600	6.6	7.3	8.1	6.1	6.8	7.6	-----	-----	-----	-----	-----	-----
0601 - 1200	6.6	7.4	8.6	6.1	6.9	8.1	-----	-----	-----	-----	-----	-----
1201 - 1800	9.1	10.1	10.6	10.1	11.1	11.6	-----	-----	-----	-----	-----	-----
1801 - 2400	8.6	9.3	10.1	10.6	11.1	11.6	-----	-----	-----	-----	-----	-----
DAILY VALUE	6.6	8.5	10.6	6.1	9.0	11.6	-----	-----	-----	-----	-----	-----
0001 - 0600	6.1	6.9	7.6	8.6	9.1	9.6	-----	-----	-----	-----	-----	-----
0601 - 1200	6.1	7.3	8.6	8.6	8.6	8.6	-----	-----	-----	-----	-----	-----
1201 - 1800	9.6	9.9	10.1	8.6	9.1	9.6	-----	-----	-----	-----	-----	-----
1801 - 2400	8.6	9.4	10.1	8.6	9.1	9.6	-----	-----	-----	-----	-----	-----
DAILY VALUE	6.1	8.4	10.1	8.6	9.0	9.6	-----	-----	-----	-----	-----	-----
0001 - 0600	6.6	7.1	7.6	7.1	7.6	8.1	-----	-----	-----	-----	-----	-----
0601 - 1200	6.1	6.9	8.1	7.1	7.3	7.6	-----	-----	-----	-----	-----	-----
1201 - 1800	8.6	8.9	9.1	8.1	8.1	8.1	-----	-----	-----	-----	-----	-----
1801 - 2400	8.1	8.6	9.1	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAILY VALUE	6.1	7.9	9.1	7.1	-----	8.1	-----	-----	-----	-----	-----	-----
0001 - 0600	6.6	7.1	7.6	-----	-----	-----	-----	-----	-----	-----	-----	-----
0601 - 1200	6.6	7.1	7.6	-----	-----	-----	-----	-----	-----	-----	-----	-----
1201 - 1800	8.6	8.6	8.6	-----	-----	-----	-----	-----	-----	-----	-----	-----
1801 - 2400	7.6	8.1	8.6	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAILY VALUE	6.6	7.7	8.6	-----	-----	-----	-----	-----	-----	-----	-----	-----
											MONTHLY VALUE	
											4.6	11.6

[5.65]^b

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TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	6.0	6.2	6.5	5.0	5.2	5.5	-----	-----	-----
0601 - 1200	-----	-----	-----	6.0	6.2	6.5	5.0	5.2	5.5	-----	-----	-----
1201 - 1800	-----	-----	-----	7.0	7.0	7.0	5.5	5.8	6.0	-----	-----	-----
1801 - 2400	-----	-----	-----	6.5	6.5	6.5	5.0	5.3	5.5	-----	-----	-----
DAILY VALUE	-----	-----	-----	6.0	6.5	7.0	5.0	5.4	6.0	-----	-----	-----
0001 - 0600	-----	-----	-----	5.5	5.8	6.0	4.5	4.7	5.0	-----	-----	-----
0601 - 1200	-----	-----	-----	5.5	5.7	6.0	4.5	4.8	5.5	-----	-----	-----
1201 - 1800	-----	-----	-----	6.5	6.5	6.5	5.5	5.8	6.0	-----	-----	-----
1801 - 2400	-----	-----	-----	5.5	6.0	6.5	6.0	6.0	6.0	-----	-----	-----
DAILY VALUE	-----	-----	-----	5.5	6.0	6.5	4.5	5.3	6.0	-----	-----	-----
0001 - 0600	-----	-----	-----	4.5	4.7	5.0	5.5	5.5	5.5	-----	-----	-----
0601 - 1200	-----	-----	-----	4.0	4.5	5.0	5.5	-----	5.5	5.5	-----	5.5
1201 - 1800	-----	-----	-----	5.0	5.3	5.5	-----	-----	-----	5.0	5.0	5.0
1801 - 2400	-----	-----	-----	4.0	4.3	4.5	-----	-----	-----	3.5	4.3	5.0
DAILY VALUE	-----	-----	-----	4.0	4.7	5.5	5.5	-----	5.5	3.5	-----	5.5
0001 - 0600	-----	-----	-----	4.0	4.0	4.0	-----	-----	-----	2.0	2.5	3.0
0601 - 1200	-----	-----	-----	4.0	4.3	5.0	-----	-----	-----	2.0	2.2	2.5
1201 - 1800	-----	-----	-----	5.5	5.8	6.0	-----	-----	-----	3.0	3.0	3.0
1801 - 2400	-----	-----	-----	5.5	5.7	6.0	-----	-----	-----	3.0	3.0	3.0
DAILY VALUE	-----	-----	-----	4.0	5.0	6.0	-----	-----	-----	2.0	2.7	3.0
0001 - 0600	-----	-----	-----	4.5	4.8	5.0	-----	-----	-----	3.0	3.0	3.0
0601 - 1200	-----	-----	-----	4.5	4.5	4.5	-----	-----	-----	2.5	2.7	3.0
1201 - 1800	-----	-----	-----	5.0	5.3	5.5	-----	-----	-----	3.5	3.5	3.5
1801 - 2400	-----	-----	-----	5.5	5.7	6.0	-----	-----	-----	3.5	3.5	3.5
DAILY VALUE	-----	-----	-----	4.5	5.1	6.0	-----	-----	-----	2.5	3.2	3.5
0001 - 0600	-----	-----	-----	5.0	5.3	5.5	-----	-----	-----	3.0	3.2	3.5
0601 - 1200	-----	-----	-----	5.0	5.2	5.5	-----	-----	-----	3.0	3.0	3.0
1201 - 1800	-----	-----	-----	5.5	5.5	5.5	-----	-----	-----	3.5	3.5	3.5
1801 - 2400	-----	-----	-----	5.5	5.5	5.5	-----	-----	-----	3.0	3.3	3.5
DAILY VALUE	-----	-----	-----	5.0	5.4	5.5	-----	-----	-----	3.0	3.2	3.5
0001 - 0600	-----	-----	-----	5.5	5.5	5.5	-----	-----	-----	-----	-----	-----
0601 - 1200	-----	-----	-----	5.5	6.0	6.5	-----	-----	-----	-----	-----	-----
1201 - 1800	-----	-----	-----	7.5	7.8	8.0	-----	-----	-----	-----	-----	-----
1801 - 2400	-----	-----	-----	7.0	7.2	7.5	-----	-----	-----	-----	-----	-----
DAILY VALUE	-----	-----	-----	5.5	6.6	8.0	-----	-----	-----	-----	-----	-----
0001 - 0600	-----	-----	-----	6.0	6.2	6.5	-----	-----	-----	-----	-----	-----
0601 - 1200	-----	-----	-----	6.0	6.0	6.0	-----	-----	-----	-----	-----	-----
1201 - 1800	-----	-----	-----	6.5	6.5	6.5	-----	-----	-----	-----	-----	-----
1801 - 2400	6.5	6.7	7.0	5.5	5.7	6.0	-----	-----	-----	2.0	-----	8.0
DAILY VALUE	6.5	-----	7.0	5.5	6.1	6.5	-----	-----	-----	-----	-----	-----
										MONTHLY VALUE		

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TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	8.5	9.0	9.5	11.0	11.5	12.0	9.0	9.5	10.0	10.5	11.0	11.5
0601 - 1200	8.5	8.5	8.5	10.5	10.7	11.0	9.0	9.3	10.0	10.5	10.5	10.5
1201 - 1800	8.5	9.0	9.5	11.5	12.0	12.5	10.5	11.0	11.5	11.0	11.5	12.0
1801 - 2400	9.0	9.3	9.5	12.0	12.3	12.5	12.0	12.0	12.0	12.0	12.3	12.5
DAILY VALUE	8.5	9.0	9.5	10.5	11.6	12.5	9.0	10.5	12.0	10.5	11.3	12.5
0001 - 0600	8.0	8.5	9.0	11.5	11.7	12.0	10.5	11.0	11.5	10.0	10.7	11.5
0601 - 1200	8.0	8.7	9.5	11.0	11.0	11.0	10.0	10.0	10.0	10.0	10.5	11.0
1201 - 1800	10.0	10.7	11.0	11.5	11.5	11.5	11.0	11.3	11.5	13.5	13.7	14.0
1801 - 2400	10.5	10.8	11.0	11.0	11.2	11.5	11.5	11.8	12.0	13.5	13.8	14.0
DAILY VALUE	8.0	9.7	11.0	11.0	11.3	12.0	10.0	11.0	12.0	10.0	12.2	14.0
0001 - 0600	7.5	8.5	9.5	9.5	10.0	10.5	9.5	10.3	11.0	11.5	11.8	12.5
0601 - 1200	7.0	8.2	9.5	9.5	9.7	10.0	9.5	10.3	11.5	11.5	11.8	12.5
1201 - 1800	11.0	12.3	13.5	10.5	11.0	11.5	13.0	14.3	15.5	13.5	14.5	15.0
1801 - 2400	13.0	13.3	13.5	11.0	11.2	11.5	15.0	15.7	16.0	14.0	14.5	15.0
DAILY VALUE	7.0	10.6	13.5	9.5	10.5	11.5	9.5	12.7	16.0	11.5	13.2	15.0
0001 - 0600	9.5	10.5	11.5	10.5	10.5	10.5	11.5	12.5	13.5	12.0	12.7	13.5
0601 - 1200	9.5	10.2	11.0	10.0	10.2	10.5	11.0	11.8	13.0	11.5	12.0	12.5
1201 - 1800	12.0	12.7	13.0	11.0	11.3	11.5	14.0	15.0	16.0	14.0	14.7	15.0
1801 - 2400	12.5	12.8	13.0	11.0	11.3	11.5	15.0	15.5	16.0	14.0	14.5	15.0
DAILY VALUE	9.5	11.5	13.0	10.0	10.8	11.5	11.0	13.7	16.0	11.5	13.5	15.0
0001 - 0600	9.5	10.5	11.5	10.0	10.2	10.5	11.5	12.5	13.5	12.0	12.7	13.5
0601 - 1200	9.0	9.5	10.0	9.5	10.0	10.5	11.5	11.8	12.5	12.0	12.2	12.5
1201 - 1800	11.0	12.2	13.0	11.0	11.8	12.5	13.0	13.3	13.5	12.5	12.5	12.5
1801 - 2400	12.0	12.5	13.0	12.0	12.3	12.5	13.0	13.3	13.5	12.0	12.3	12.5
DAILY VALUE	9.0	11.2	13.0	9.5	11.1	12.5	11.5	12.7	13.5	12.0	12.4	13.5
0001 - 0600	9.5	10.2	11.0	10.0	10.7	11.5	11.5	11.7	12.0	11.0	11.3	11.5
0601 - 1200	9.5	10.2	11.0	10.0	10.2	10.5	11.0	11.2	11.5	11.0	11.0	11.0
1201 - 1800	12.0	12.8	13.5	10.5	10.7	11.0	12.0	12.3	12.5	11.0	11.3	11.5
1801 - 2400	12.5	13.0	13.5	11.5	11.8	12.0	12.0	12.3	12.5	11.0	11.3	11.5
DAILY VALUE	9.5	11.5	13.5	10.0	10.8	12.0	11.0	11.9	12.5	11.0	11.2	11.5
0001 - 0600	9.5	10.3	11.5	10.0	10.5	11.0	11.0	11.2	11.5	9.5	10.0	10.5
0601 - 1200	9.0	10.2	11.5	10.0	10.0	10.0	10.5	10.7	11.0	9.5	9.8	10.5
1201 - 1800	13.5	14.5	15.5	10.5	10.8	11.0	11.0	11.5	12.0	11.5	11.8	12.0
1801 - 2400	15.5	15.8	16.0	11.0	11.0	11.0	11.5	11.8	12.0	11.5	11.8	12.0
DAILY VALUE	9.0	12.7	16.0	10.0	10.6	11.0	10.5	11.3	12.0	9.5	10.9	12.0
0001 - 0600	12.5	13.3	14.5	10.0	10.2	10.5	11.0	11.2	11.5	MONTHLY VALUE		
0601 - 1200	12.0	12.2	12.5	9.5	9.7	10.0	11.0	11.2	11.5			
1201 - 1800	13.0	13.5	14.5	10.0	10.7	11.0	12.0	12.0	12.0	7.0 11.5 16.0		
1801 - 2400	13.0	13.8	14.5	10.5	10.8	11.0	11.5	11.8	12.0			
DAILY VALUE	12.0	13.2	14.5	9.5	10.3	11.0	11.0	11.5	12.0			

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TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	9.5	10.0	10.5	9.5	10.0	10.5	9.0	9.2	9.5	-----	-----	-----
0601 - 1200	9.5	10.0	10.5	9.0	9.5	10.0	9.5	9.7	10.0	-----	-----	-----
1201 - 1800	12.0	12.7	13.0	10.5	10.7	11.0	8.0	8.5	9.0	-----	-----	-----
1801 - 2400	12.0	12.5	13.0	11.0	11.0	11.0	7.5	7.7	8.0	-----	-----	-----
DAILY VALUE	9.5	11.3	13.0	9.0	10.3	11.0	7.5	8.7	10.0	-----	-----	-----
0001 - 0600	9.5	10.2	11.0	9.5	10.0	10.5	-----	-----	-----	-----	-----	-----
0601 - 1200	9.0	9.7	10.5	9.5	9.7	10.0	-----	-----	-----	-----	-----	-----
1201 - 1800	11.5	12.3	13.0	10.5	10.8	11.0	-----	-----	-----	-----	-----	-----
1801 - 2400	12.5	12.8	13.0	10.5	10.7	11.0	-----	-----	-----	-----	-----	-----
DAILY VALUE	9.0	11.2	13.0	9.5	10.3	11.0	-----	-----	-----	-----	-----	-----
0001 - 0600	10.0	10.7	11.5	9.0	9.5	10.0	-----	-----	-----	-----	-----	-----
0601 - 1200	9.5	9.8	10.5	9.0	9.2	9.5	-----	-----	-----	-----	-----	-----
1201 - 1800	12.5	12.8	13.0	10.5	10.8	11.0	-----	-----	-----	-----	-----	-----
1801 - 2400	13.0	13.3	13.5	10.5	10.8	11.0	-----	-----	-----	-----	-----	-----
DAILY VALUE	9.5	11.7	13.5	9.0	10.1	11.0	-----	-----	-----	-----	-----	-----
0001 - 0600	10.0	11.0	12.0	8.5	9.3	10.5	-----	-----	-----	-----	-----	-----
0601 - 1200	9.5	10.2	11.0	8.0	8.8	10.0	-----	-----	-----	-----	-----	-----
1201 - 1800	12.5	13.5	14.5	11.5	12.5	13.5	-----	-----	-----	-----	-----	-----
1801 - 2400	13.5	14.0	14.5	12.5	13.2	13.5	-----	-----	-----	-----	-----	-----
DAILY VALUE	9.5	12.2	14.5	8.0	11.0	13.5	-----	-----	-----	-----	-----	-----
0001 - 0600	11.0	11.7	12.5	10.0	11.0	12.0	-----	-----	-----	-----	-----	-----
0601 - 1200	11.0	11.3	12.0	10.0	10.3	11.0	-----	-----	-----	-----	-----	-----
1201 - 1800	13.0	13.5	14.0	13.0	13.3	13.5	-----	-----	-----	-----	-----	-----
1801 - 2400	13.0	13.5	14.0	11.5	12.0	12.5	-----	-----	-----	-----	-----	-----
DAILY VALUE	11.0	12.5	14.0	10.0	11.7	13.5	-----	-----	-----	-----	-----	-----
0001 - 0600	10.5	11.2	12.0	11.5	11.8	12.0	-----	-----	-----	-----	-----	-----
0601 - 1200	10.0	10.7	11.5	12.5	12.5	12.5	-----	-----	-----	-----	-----	-----
1201 - 1800	12.0	12.8	13.5	11.5	12.0	12.5	-----	-----	-----	-----	-----	-----
1801 - 2400	13.0	13.5	14.0	10.0	10.5	11.0	-----	-----	-----	-----	-----	-----
DAILY VALUE	10.0	12.0	14.0	10.0	11.7	12.5	-----	-----	-----	-----	-----	-----
0001 - 0600	11.0	11.5	12.0	10.0	10.2	10.5	-----	-----	-----	-----	-----	-----
0601 - 1200	11.0	11.2	11.5	10.5	10.8	11.0	-----	-----	-----	-----	-----	-----
1201 - 1800	12.5	12.5	12.5	9.5	10.0	10.5	-----	-----	-----	-----	-----	-----
1801 - 2400	11.5	12.0	12.5	8.0	8.2	8.5	-----	-----	-----	-----	-----	-----
DAILY VALUE	11.0	11.8	12.5	8.0	9.8	11.0	-----	-----	-----	-----	-----	-----
0001 - 0600	10.0	10.5	11.0	8.0	9.0	10.0	-----	-----	-----	-----	-----	-----
0601 - 1200	10.0	10.2	10.5	11.0	11.3	11.5	-----	-----	-----	MONTHLY VALUE		
1201 - 1800	10.5	10.8	11.0	10.0	10.8	11.5	-----	-----	-----	-----	-----	-----
1801 - 2400	11.0	11.2	11.5	9.0	9.2	9.5	-----	-----	-----	7.5	-----	14.5
DAILY VALUE	10.0	10.7	11.5	8.0	10.1	11.5	-----	-----	-----	-----	-----	-----

Appendix Table 4-C-22 Cont.

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TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	---	---	---	---	---	---	---	---	---	2.6	2.9	3.1
0601 - 1200	---	---	---	---	---	---	---	---	---	2.6	2.6	2.6
1201 - 1800	---	---	---	---	---	---	---	---	---	3.1	3.6	4.1
1801 - 2400	---	---	---	---	---	---	---	---	---	4.6	4.6	4.6
DAILY VALUE	---	---	---	---	---	---	---	---	---	2.6	3.4	4.6
0001 - 0600	---	---	---	---	---	---	---	---	---	3.6	3.9	4.1
0601 - 1200	---	---	---	---	---	---	---	---	---	3.1	3.3	3.6
1201 - 1800	---	---	---	---	---	---	---	---	---	3.6	3.9	4.1
1801 - 2400	---	---	---	---	---	---	---	---	---	4.1	4.1	4.1
DAILY VALUE	---	---	---	---	---	---	---	---	---	3.1	3.8	4.1
0001 - 0600	---	---	---	---	---	---	---	---	---	3.6	3.8	4.1
0601 - 1200	---	---	---	---	---	---	---	---	---	3.1	3.1	3.1
1201 - 1800	---	---	---	---	---	---	6.6	6.6	6.6	4.6	4.6	4.6
1801 - 2400	---	---	---	---	---	---	6.1	6.3	6.6	3.6	4.1	4.6
DAILY VALUE	---	---	---	---	---	---	6.1	---	6.6	3.1	3.8	4.6
0001 - 0600	---	---	---	---	---	---	5.1	5.3	5.6	1.6	2.3	3.1
0601 - 1200	---	---	---	---	---	---	4.6	4.6	4.6	1.6	1.6	1.6
1201 - 1800	---	---	---	---	---	---	5.1	5.3	5.6	1.6	1.9	2.1
1801 - 2400	---	---	---	---	---	---	5.1	5.4	5.6	2.1	2.1	2.1
DAILY VALUE	---	---	---	---	---	---	4.6	5.1	5.6	1.6	2.0	3.1
0001 - 0600	---	---	---	---	---	---	4.6	4.8	5.1	2.1	2.1	2.1
0601 - 1200	---	---	---	---	---	---	4.1	4.1	4.1	1.6	1.8	2.1
1201 - 1800	---	---	---	---	---	---	4.6	4.9	5.1	2.1	2.3	2.6
1801 - 2400	---	---	---	---	---	---	5.1	5.1	5.1	2.1	2.4	2.6
DAILY VALUE	---	---	---	---	---	---	4.1	4.7	5.1	1.6	2.1	2.6
0001 - 0600	---	---	---	---	---	---	4.1	4.6	5.1	1.6	1.9	2.1
0601 - 1200	---	---	---	---	---	---	4.1	4.1	4.1	1.6	1.8	2.1
1201 - 1800	---	---	---	---	---	---	4.6	4.9	5.1	2.6	2.6	2.6
1801 - 2400	---	---	---	---	---	---	4.6	4.9	5.1	2.6	2.6	2.6
DAILY VALUE	---	---	---	---	---	---	4.1	4.6	5.1	1.6	2.2	2.6
0001 - 0600	---	---	---	---	---	---	3.1	3.6	4.1	---	---	---
0601 - 1200	---	---	---	---	---	---	2.1	2.3	2.6	---	---	---
1201 - 1800	---	---	---	---	---	---	3.1	3.4	3.6	---	---	---
1801 - 2400	---	---	---	---	---	---	3.1	3.4	3.6	---	---	---
DAILY VALUE	---	---	---	---	---	---	2.1	3.2	4.1	---	---	---
0001 - 0600	---	---	---	---	---	---	1.6	2.3	3.1	MONTHLY VALUE		
0601 - 1200	---	---	---	---	---	---	1.1	1.1	1.1	---		
1201 - 1800	---	---	---	---	---	---	2.1	2.6	3.1	---		
1801 - 2400	---	---	---	---	---	---	3.1	3.1	3.1	1.1	---	6.6
DAILY VALUE	---	---	---	---	---	---	1.1	2.3	3.1	---		

Appendix Table 4-C-22 Cont.

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	1.6	1.9	2.1	.1	.1	.1	-----	-----	-----	-----	-----	-----
0601 - 1200	1.6	1.6	1.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
1201 - 1800	2.1	2.3	2.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
1801 - 2400	2.6	2.6	2.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
DAILY VALUE	1.6	2.1	2.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
0001 - 0600	2.1	2.3	2.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
0601 - 1200	1.6	1.9	2.1	.1	.1	.1	-----	-----	-----	-----	-----	-----
1201 - 1800	2.1	2.4	2.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
1801 - 2400	2.6	2.6	2.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
DAILY VALUE	1.6	2.3	2.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
0001 - 0600	2.1	2.1	2.1	.1	.1	.1	-----	-----	-----	-----	-----	-----
0601 - 1200	1.6	1.6	1.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
1201 - 1800	1.6	1.9	2.1	.1	.1	.1	-----	-----	-----	-----	-----	-----
1801 - 2400	2.1	2.1	2.1	.1	.1	.1	-----	-----	-----	-----	-----	-----
DAILY VALUE	1.6	1.9	2.1	.1	.1	.1	-----	-----	-----	-----	-----	-----
0001 - 0600	1.1	1.4	1.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
0601 - 1200	1.1	1.1	1.1	.1	.1	.1	-----	-----	-----	-----	-----	-----
1201 - 1800	1.1	1.4	1.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
1801 - 2400	1.6	1.6	1.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
DAILY VALUE	1.1	1.4	1.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
0001 - 0600	1.1	1.3	1.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
0601 - 1200	.6	.9	1.1	.1	.1	.1	-----	-----	-----	-----	-----	-----
1201 - 1800	1.1	1.1	1.1	.1	.1	.1	-----	-----	-----	-----	-----	-----
1801 - 2400	1.1	1.1	1.1	.1	.1	.1	-----	-----	-----	-----	-----	-----
DAILY VALUE	.6	1.1	1.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
0001 - 0600	.6	.8	1.1	.1	.1	.1	-----	-----	-----	-----	-----	-----
0601 - 1200	.1	.1	.1	.1	.1	.1	-----	-----	-----	-----	-----	-----
1201 - 1800	.6	.6	.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
1801 - 2400	.6	.6	.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
DAILY VALUE	.1	.5	1.1	.1	.1	.1	-----	-----	-----	-----	-----	-----
0001 - 0600	.1	.4	.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
0601 - 1200	.1	.1	.1	.1	.1	.1	-----	-----	-----	-----	-----	-----
1201 - 1800	.1	.4	.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
1801 - 2400	.1	.3	.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
DAILY VALUE	.1	.3	.6	.1	.1	.1	-----	-----	-----	-----	-----	-----
0001 - 0600	.1	.1	.1	.1	.1	.1	-----	-----	-----	-----	-----	-----
0601 - 1200	.1	.1	.1	.1	.1	.1	-----	-----	-----	-----	-----	-----
1201 - 1800	.1	.1	.1	-----	-----	-----	-----	-----	-----	-----	-----	-----
1801 - 2400	.1	.1	.1	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAILY VALUE	.1	.1	.1	.1	-----	.1	-----	-----	-----	-----	-----	-----
											MONTHLY VALUE	
											.1	2.6

Appendix Table 4-C-23

Therlog
 Thermograph data summary, summer surface water temperature (C),
 Goose Creek, RM 231.3, Geocode S30N11E32DBC.

- JUNE 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												
1201 - 1800										13.5	14.3	15.0
1801 - 2400										12.5	13.5	14.5
DAILY VALUE										12.5		15.0
0001 - 0600										10.5	11.0	11.5
0601 - 1200										10.0	10.8	12.0
1201 - 1800										13.0	13.3	13.5
1801 - 2400										10.5	11.5	12.5
DAILY VALUE										10.0	11.7	13.5
0001 - 0600										8.5	9.0	9.5
0601 - 1200										8.5	8.8	9.5
1201 - 1800										11.0	11.8	12.5
1801 - 2400										11.0	11.8	12.5
DAILY VALUE										8.5	10.4	12.5
0001 - 0600										9.5	9.8	10.5
0601 - 1200										9.5	9.7	10.0
1201 - 1800										11.5	11.5	11.5
1801 - 2400										10.0	10.8	11.5
DAILY VALUE										9.5	10.5	11.5
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												
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0001 - 0600												
0601 - 1200												
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0001 - 0600												
0601 - 1200												
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1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												

- JULY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	8.5	8.8	9.5	11.5	12.0	12.5	8.5	9.0	9.5	10.5	10.8	11.0
0601 - 1200	8.5	9.0	9.5	11.5	11.7	12.0	8.5	8.8	9.5	10.5	10.5	10.5
1201 - 1800	10.0	10.7	11.0	12.5	12.8	13.0	10.5	11.0	11.5	11.0	12.5	13.5
1801 - 2400	9.5	10.0	10.5	12.0	12.5	13.0	10.5	10.8	11.0	12.0	12.5	13.0
DAILY VALUE	8.5	9.6	11.0	11.5	12.2	13.0	8.5	9.9	11.5	10.5	11.6	13.5
0001 - 0600	7.5	8.0	8.5	11.5	11.7	12.0	9.5	9.7	10.0	9.0	9.7	10.5
0601 - 1200	7.5	8.7	10.0	11.5	11.5	11.5	9.5	9.7	10.0	9.0	10.2	11.5
1201 - 1800	11.0	12.0	12.5	12.0	12.0	12.0	11.0	11.8	12.5	13.5	14.5	15.0
1801 - 2400	10.0	11.0	12.0	11.0	11.5	12.0	11.5	12.2	12.5	13.0	14.0	15.0
DAILY VALUE	7.5	9.9	12.5	11.0	11.7	12.0	9.5	10.8	12.5	9.0	12.1	15.0
0001 - 0600	7.0	7.7	8.5	10.0	10.3	10.5	9.0	9.8	10.5	10.5	11.2	12.0
0601 - 1200	7.0	8.0	9.5	10.0	10.2	10.5	9.0	10.2	11.5	10.5	11.7	13.0
1201 - 1800	11.5	13.0	14.0	11.5	12.3	13.0	14.0	15.0	15.5	14.5	15.7	16.5
1801 - 2400	11.5	12.5	13.5	12.0	12.5	13.0	13.0	14.3	15.5	13.5	14.5	15.5
DAILY VALUE	7.0	10.3	14.0	10.0	11.3	13.0	9.0	12.3	15.5	10.5	13.2	16.5
0001 - 0600	9.0	9.7	10.5	10.5	11.0	11.5	9.5	10.5	11.5	11.5	12.3	13.0
0601 - 1200	9.0	10.0	11.0	10.5	10.5	10.5	9.5	10.8	12.5	11.0	11.8	13.0
1201 - 1800	13.0	13.3	13.5	11.5	12.5	13.5	14.5	15.3	16.0	14.0	15.2	16.0
1801 - 2400	11.5	12.3	13.0	12.0	12.7	13.5	13.5	14.7	15.5	13.5	14.5	15.5
DAILY VALUE	9.0	11.3	13.5	10.5	11.7	13.5	9.5	12.8	16.0	11.0	13.5	16.0
0001 - 0600	9.0	9.5	10.0	10.5	10.7	11.0	11.0	11.7	12.5	12.0	12.5	13.0
0601 - 1200	8.5	9.7	11.0	10.0	10.7	11.5	11.0	11.7	12.5	12.0	12.2	12.5
1201 - 1800	12.0	12.7	13.5	13.0	13.0	13.0	14.0	14.0	14.0	13.0	13.2	13.5
1801 - 2400	11.5	12.2	13.0	11.5	12.2	13.0	12.0	13.0	14.0	12.5	13.2	13.5
DAILY VALUE	8.5	11.0	13.5	10.0	11.6	13.0	11.0	12.6	14.0	12.0	12.7	13.5
0001 - 0600	9.5	10.0	10.5	9.5	10.2	11.0	10.5	11.0	11.5	10.5	11.0	11.5
0601 - 1200	9.5	10.7	12.0	9.5	10.2	11.0	10.5	11.0	11.5	10.5	11.0	11.5
1201 - 1800	13.0	14.5	15.5	12.5	12.8	13.0	12.5	12.8	13.0	12.0	12.0	12.0
1801 - 2400	12.5	13.8	15.0	11.5	12.0	12.5	11.5	12.0	12.5	11.0	11.5	12.0
DAILY VALUE	9.5	12.2	15.5	9.5	11.3	13.0	10.5	11.7	13.0	10.5	11.4	12.0
0001 - 0600	9.5	10.2	11.0	10.0	10.5	11.0	10.5	10.7	11.0	10.0	10.0	10.0
0601 - 1200	9.5	11.0	13.0	10.0	10.0	10.0	10.5	10.5	10.5	10.0	10.3	11.0
1201 - 1800	15.0	16.0	16.5	10.5	11.2	11.5	11.5	12.0	12.5	12.5	13.0	13.5
1801 - 2400	15.0	15.8	16.5	10.5	11.0	11.5	11.5	12.0	12.5	11.0	11.7	12.5
DAILY VALUE	9.5	13.2	16.5	10.0	10.7	11.5	10.5	11.3	12.5	10.0	11.2	13.5
0001 - 0600	12.0	12.7	13.5	9.0	9.5	10.0	10.5	10.8	11.0	MONTHLY VALUE		
0601 - 1200	12.0	12.3	13.0	9.0	9.2	9.5	10.5	11.2	12.0			
1201 - 1800	15.0	15.3	15.5	10.0	10.7	11.0	12.5	12.8	13.0	7.0 11.6 16.5		
1801 - 2400	13.0	13.8	14.5	10.0	10.3	10.5	11.5	12.0	12.5			
DAILY VALUE	12.0	13.5	15.5	9.0	9.9	11.0	10.5	11.7	13.0			

Appendix Table 4C-83 Cont.

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	9.5	10.0	10.5	8.5	9.3	10.0	9.0	9.3	10.0	9.5	10.0	10.5
0601 - 1200	9.5	10.3	11.0	9.0	9.7	10.5	9.0	9.5	10.0	9.5	10.2	11.0
1201 - 1800	12.0	12.0	12.0	11.0	11.7	12.0	10.5	10.7	11.0	12.0	12.3	12.5
1801 - 2400	10.5	11.2	12.0	10.5	11.2	12.0	9.0	9.8	10.5	10.0	11.0	12.0
DAILY VALUE	9.5	10.9	12.0	8.5	10.5	12.0	9.0	9.8	11.0	9.5	10.9	12.5
0001 - 0600	8.5	9.2	10.0	9.5	9.7	10.0	7.0	7.7	8.5	8.0	8.5	9.0
0601 - 1200	8.5	10.2	12.0	9.5	10.2	11.0	7.0	8.7	10.5	8.5	9.2	10.0
1201 - 1800	12.5	13.0	13.5	11.5	11.7	12.0	12.0	12.3	12.5	11.0	11.0	11.0
1801 - 2400	11.0	12.0	13.0	10.0	10.7	11.5	11.0	11.5	12.0	9.0	9.8	10.5
DAILY VALUE	8.5	11.1	13.5	9.5	10.5	12.0	7.0	10.0	12.5	8.0	9.6	11.0
0001 - 0600	9.5	9.8	10.5	9.0	9.3	9.5	9.0	9.5	10.0	8.0	8.5	9.0
0601 - 1200	9.5	10.8	12.5	9.0	9.5	10.0	9.0	10.0	11.5	7.5	8.8	10.5
1201 - 1800	13.5	14.2	14.5	11.5	11.8	12.0	13.0	13.0	13.0	12.0	12.0	12.0
1801 - 2400	12.0	12.7	13.5	10.0	11.0	12.0	10.5	11.5	12.5	9.5	10.5	11.5
DAILY VALUE	9.5	11.9	14.5	9.0	10.4	12.0	9.0	11.0	13.0	7.5	10.0	12.0
0001 - 0600	9.5	10.2	11.0	7.5	8.3	9.0	9.5	9.7	10.0	7.0	7.7	8.5
0601 - 1200	9.5	11.2	13.0	7.5	9.2	11.0	9.5	10.2	11.0	7.0	8.2	9.5
1201 - 1800	14.0	14.5	15.0	13.0	13.8	14.5	12.5	13.2	13.5	11.0	11.0	11.0
1801 - 2400	13.0	13.7	14.5	11.5	12.5	13.5	11.5	12.0	12.5	9.5	10.0	10.5
DAILY VALUE	9.5	12.4	15.0	7.5	11.0	14.5	9.5	11.2	13.5	7.0	9.2	11.0
0001 - 0600	10.0	10.7	11.5	9.0	9.7	10.5	10.5	10.7	11.0	8.0	8.2	8.5
0601 - 1200	10.5	11.7	13.0	9.0	10.7	12.5	10.0	10.7	11.5	8.0	8.0	8.0
1201 - 1800	14.0	14.3	14.5	14.5	15.2	15.5	13.0	13.3	13.5	8.5	8.8	9.0
1801 - 2400	12.5	13.2	14.0	12.5	13.5	14.5	12.0	12.5	13.0	9.0	9.0	9.0
DAILY VALUE	10.0	12.5	14.5	9.0	12.2	15.5	10.0	11.8	13.5	8.0	8.5	9.0
0001 - 0600	9.5	10.7	12.0	10.5	11.2	12.0	10.0	10.8	11.5	8.0	8.3	8.5
0601 - 1200	9.5	10.7	11.5	10.5	11.7	13.0	9.5	10.7	12.0	8.0	8.3	8.5
1201 - 1800	13.5	14.3	15.0	13.5	13.5	13.5	14.0	14.0	14.0	9.0	9.0	9.0
1801 - 2400	12.0	13.0	14.0	12.0	12.8	13.5	12.0	12.7	13.5	8.0	8.5	9.0
DAILY VALUE	9.5	12.2	15.0	10.5	12.3	13.5	9.5	12.0	14.0	8.0	8.5	9.0
0001 - 0600	10.5	11.0	11.5	10.5	10.8	11.5	11.0	11.5	12.0	7.5	7.8	8.0
0601 - 1200	10.5	11.3	12.5	10.0	10.5	11.0	11.0	11.3	12.0	7.5	8.0	8.5
1201 - 1800	12.5	12.5	12.5	11.5	11.7	12.0	13.0	13.2	13.5	10.0	10.0	10.0
1801 - 2400	11.0	11.5	12.0	10.0	10.5	11.0	11.5	12.0	12.5	8.0	8.5	9.0
DAILY VALUE	10.5	11.6	12.5	10.0	10.9	12.0	11.0	12.0	13.5	7.5	8.6	10.0
0001 - 0600	10.0	10.2	10.5	8.0	8.5	9.0	10.5	10.8	11.5	MONTHLY VALUE		
0601 - 1200	10.0	10.5	11.0	8.0	9.5	11.0	10.5	11.0	11.5			
1201 - 1800	11.5	11.8	12.0	12.5	12.5	12.5	12.0	12.5	13.0	7.0 10.8 15.5		
1801 - 2400	10.5	11.2	12.0	10.0	10.7	11.5	11.0	11.5	12.0			
DAILY VALUE	10.0	10.9	12.0	8.0	10.3	12.5	10.5	11.5	13.0			

Appendix Table 4C-23 Cont.

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	7.0	7.5	8.0	6.5	6.7	7.0	5.5	5.7	6.0	3.5	3.7	4.0
0601 - 1200	7.0	7.7	8.5	6.5	6.5	6.5	5.5	5.7	6.0	3.0	3.3	4.0
1201 - 1800	9.5	9.7	10.0	7.0	7.2	7.5	7.0	7.3	7.5	5.0	5.3	5.5
1801 - 2400	7.5	8.3	9.0	6.5	6.8	7.0	6.0	6.5	7.0	4.5	5.0	5.5
DAILY VALUE	7.0	8.3	10.0	6.5	6.8	7.5	5.5	6.3	7.5	3.0	4.3	5.5
0001 - 0600	6.5	6.7	7.0	5.5	5.7	6.0	5.5	5.7	6.0	3.5	3.8	4.5
0601 - 1200	6.5	7.3	8.5	5.5	5.7	6.0	5.0	5.5	6.0	3.5	3.7	4.0
1201 - 1800	9.0	9.3	9.5	6.5	7.2	7.5	6.5	6.8	7.0	4.5	4.8	5.0
1801 - 2400	8.0	8.5	9.0	6.5	6.7	7.0	6.0	6.3	6.5	4.5	4.5	4.5
DAILY VALUE	6.5	8.0	9.5	5.5	6.3	7.5	5.0	6.1	7.0	3.5	4.2	5.0
0001 - 0600	7.0	7.2	7.5	4.5	5.2	5.5	5.5	5.5	5.5	3.5	3.7	4.0
0601 - 1200	7.0	7.2	7.5	4.5	5.3	6.0	5.5	5.7	6.0	3.5	3.7	4.0
1201 - 1800	8.0	8.0	8.0	6.5	6.7	7.0	6.5	6.7	7.0	5.0	5.3	6.0
1801 - 2400	7.0	7.5	8.0	4.0	4.5	5.5	6.0	6.5	7.0	3.0	3.8	4.5
DAILY VALUE	7.0	7.5	8.0	4.0	5.4	7.0	5.5	6.1	7.0	3.0	4.1	6.0
0001 - 0600	6.0	6.5	7.0	3.5	3.7	4.0	4.5	5.0	5.5	1.0	1.7	2.0
0601 - 1200	5.5	6.2	7.0	3.0	3.7	4.5	4.5	4.8	5.5	1.0	1.5	2.0
1201 - 1800	7.5	7.8	8.0	5.5	5.7	6.0	6.0	6.3	6.5	2.5	2.5	2.5
1801 - 2400	6.5	7.3	8.0	5.5	5.7	6.0	5.5	6.0	6.5	2.0	2.0	2.0
DAILY VALUE	5.5	7.0	8.0	3.0	4.7	6.0	4.5	5.5	6.5	1.0	1.9	2.5
0001 - 0600	5.5	5.8	6.0	5.0	5.0	5.0	4.5	5.0	5.5	2.0	2.0	2.0
0601 - 1200	5.5	6.0	6.5	4.5	4.5	4.5	4.5	4.8	5.5	2.0	2.2	2.5
1201 - 1800	8.0	8.3	8.5	5.5	5.7	6.0	6.5	6.5	6.5	3.0	3.0	3.0
1801 - 2400	7.0	7.5	8.0	5.5	5.5	5.5	5.5	6.2	6.5	2.0	2.0	2.0
DAILY VALUE	5.5	6.9	8.5	4.5	5.2	6.0	4.5	5.6	6.5	2.0	2.3	3.0
0001 - 0600	6.0	6.7	7.0	5.0	5.3	5.5	4.5	4.7	5.0	1.5	1.8	2.0
0601 - 1200	6.0	6.5	7.5	5.0	5.5	6.0	4.5	4.7	5.0	1.0	1.5	2.0
1201 - 1800	8.0	8.5	9.0	6.5	6.5	6.5	6.0	6.0	6.0	2.5	3.0	3.5
1801 - 2400	8.0	8.3	8.5	6.0	6.3	6.5	5.0	5.3	5.5	2.5	2.8	3.0
DAILY VALUE	6.0	7.5	9.0	5.0	5.9	6.5	4.5	5.2	6.0	1.0	2.3	3.5
0001 - 0600	7.0	7.5	8.0	5.5	5.7	6.0	3.5	4.0	4.5	-----	-----	-----
0601 - 1200	7.0	7.3	7.5	5.5	6.0	7.0	3.5	3.8	4.5	-----	-----	-----
1201 - 1800	8.0	8.0	8.0	8.5	8.8	9.0	5.5	5.5	5.5	-----	-----	-----
1801 - 2400	7.5	7.8	8.0	7.5	8.0	8.5	3.5	4.5	5.5	-----	-----	-----
DAILY VALUE	7.0	7.7	8.0	5.5	7.1	9.0	3.5	4.5	5.5	-----	-----	-----
0001 - 0600	7.0	7.2	7.5	6.0	6.5	7.0	1.5	2.0	2.5	-----		
0601 - 1200	7.0	7.0	7.0	6.0	6.2	6.5	1.5	2.0	3.0	-----		
1201 - 1800	7.0	7.3	7.5	7.5	7.5	7.5	4.0	4.3	4.5	-----		
1801 - 2400	7.0	7.0	7.0	6.5	6.7	7.0	4.0	4.3	4.5	1.0	5.7	10.0
DAILY VALUE	7.0	7.1	7.5	6.0	6.7	7.5	1.5	3.2	4.5	-----		

Appendix Table 4-c-23 Cont.

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	1.0	1.5	2.0	0.0	0.0	0.0	-----	-----	-----	-----	-----	-----
0601 - 1200	1.0	1.3	2.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
1201 - 1800	2.5	2.8	3.0	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----
1801 - 2400	2.5	2.7	3.0	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----
DAILY VALUE	1.0	2.1	3.0	0.0	.6	1.0	-----	-----	-----	-----	-----	-----
0001 - 0600	2.0	2.0	2.0	.5	.7	1.0	-----	-----	-----	-----	-----	-----
0601 - 1200	2.0	2.0	2.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
1201 - 1800	3.0	3.0	3.0	1.0	1.0	1.0	-----	-----	-----	-----	-----	-----
1801 - 2400	2.5	2.8	3.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
DAILY VALUE	2.0	2.5	3.0	.5	.7	1.0	-----	-----	-----	-----	-----	-----
0001 - 0600	1.5	1.8	2.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
0601 - 1200	1.5	1.7	2.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
1201 - 1800	2.5	2.5	2.5	.5	.5	.5	-----	-----	-----	-----	-----	-----
1801 - 2400	1.5	1.8	2.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
DAILY VALUE	1.5	2.0	2.5	.5	.5	.5	-----	-----	-----	-----	-----	-----
0001 - 0600	1.0	1.0	1.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
0601 - 1200	.5	.8	1.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
1201 - 1800	2.0	2.0	2.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
1801 - 2400	1.5	1.7	2.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
DAILY VALUE	.5	1.4	2.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
0001 - 0600	1.0	1.0	1.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
0601 - 1200	.5	.8	1.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
1201 - 1800	1.5	1.5	1.5	.5	.5	.5	-----	-----	-----	-----	-----	-----
1801 - 2400	1.0	1.2	1.5	.5	.5	.5	-----	-----	-----	-----	-----	-----
DAILY VALUE	.5	1.1	1.5	.5	.5	.5	-----	-----	-----	-----	-----	-----
0001 - 0600	.5	.5	.5	.5	.5	.5	-----	-----	-----	-----	-----	-----
0601 - 1200	.5	.7	1.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
1201 - 1800	1.0	1.3	1.5	.5	.5	.5	-----	-----	-----	-----	-----	-----
1801 - 2400	1.0	1.2	1.5	.5	.5	.5	-----	-----	-----	-----	-----	-----
DAILY VALUE	.5	.9	1.5	.5	.5	.5	-----	-----	-----	-----	-----	-----
0001 - 0600	.5	.8	1.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
0601 - 1200	.5	.5	.5	.5	.5	.5	-----	-----	-----	-----	-----	-----
1201 - 1800	.5	.8	1.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
1801 - 2400	.5	.7	1.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
DAILY VALUE	.5	.7	1.0	.5	.5	.5	-----	-----	-----	-----	-----	-----
0001 - 0600	.5	.5	.5	.5	.5	.5	-----	-----	-----	-----	-----	-----
0601 - 1200	.5	.5	.5	.5	.5	.5	-----	-----	-----	-----	-----	-----
1201 - 1800	.5	.8	1.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
1801 - 2400	0.0	.3	.5	-----	-----	-----	-----	-----	-----	0.0	-----	3.0
DAILY VALUE	0.0	.5	1.0	.5	-----	.5	-----	-----	-----	-----	-----	-----

Appendix Table 4-C-24 Cont.

- JULY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	8.8	9.1	9.8	11.3	12.0	12.8	9.8	10.0	10.3	---	---	---
0601 - 1200	8.3	8.5	8.8	11.3	11.3	11.3	9.3	9.6	9.8	---	---	---
1201 - 1800	9.3	9.6	9.8	11.8	12.0	12.3	10.3	10.6	10.8	---	---	---
1801 - 2400	9.8	9.8	9.8	12.3	12.3	12.3	10.8	11.1	11.3	---	---	---
DAILY VALUE	8.3	9.3	9.8	11.3	11.9	12.8	9.3	10.3	11.3	---	---	---
0001 - 0600	8.3	8.8	9.3	11.8	12.0	12.3	10.3	10.6	10.8	---	---	---
0601 - 1200	8.3	8.8	9.3	11.3	11.3	11.3	10.3	10.3	10.3	---	---	---
1201 - 1800	---	---	---	11.3	11.3	11.3	10.8	11.1	11.3	---	---	---
1801 - 2400	---	---	---	11.3	11.3	11.3	11.3	11.3	11.3	---	---	---
DAILY VALUE	8.3	---	9.3	11.3	11.5	12.3	10.3	10.8	11.3	---	---	---
0001 - 0600	---	---	---	10.3	10.5	10.8	10.3	10.8	11.3	---	---	---
0601 - 1200	---	---	---	9.8	10.0	10.3	10.3	11.0	11.8	---	---	---
1201 - 1800	---	---	---	10.8	11.0	11.3	13.3	14.1	14.8	---	---	---
1801 - 2400	---	---	---	11.3	11.3	11.3	14.3	14.6	14.8	---	---	---
DAILY VALUE	---	---	---	9.8	10.7	11.3	10.3	12.6	14.8	---	---	---
0001 - 0600	---	---	---	10.3	10.8	11.3	11.8	12.8	13.8	---	---	---
0601 - 1200	---	---	---	10.3	10.3	10.3	11.8	12.3	12.8	---	---	---
1201 - 1800	---	---	---	10.8	11.0	11.3	13.8	14.5	14.8	14.5	14.5	14.5
1801 - 2400	---	---	---	10.8	10.8	10.8	14.3	14.6	14.8	14.0	14.3	14.5
DAILY VALUE	---	---	---	10.3	10.7	11.3	11.8	13.5	14.8	14.0	---	14.5
0001 - 0600	---	---	---	10.3	10.6	10.8	12.3	13.0	13.8	12.5	13.0	13.5
0601 - 1200	---	---	---	10.3	10.5	10.8	12.3	12.3	12.3	11.5	11.8	12.0
1201 - 1800	---	---	---	11.3	11.6	11.8	12.8	12.8	12.8	12.0	12.2	12.5
1801 - 2400	---	---	---	11.8	11.8	11.8	12.8	12.8	12.8	12.5	12.5	12.5
DAILY VALUE	---	---	---	10.3	11.1	11.8	12.3	12.7	13.8	11.5	12.4	13.5
0001 - 0600	---	---	---	10.3	10.8	11.3	11.3	11.8	12.3	11.0	11.5	12.0
0601 - 1200	---	---	---	10.3	10.5	10.8	11.3	11.5	11.8	10.5	10.5	10.5
1201 - 1800	---	---	---	10.8	11.1	11.3	12.3	---	12.3	11.0	11.0	11.0
1801 - 2400	---	---	---	11.3	11.3	11.3	---	---	---	10.5	10.8	11.0
DAILY VALUE	---	---	---	10.3	10.9	11.3	11.3	---	12.3	10.5	11.0	12.0
0001 - 0600	---	---	---	10.8	10.8	10.8	---	---	---	10.0	10.2	10.5
0601 - 1200	---	---	---	10.3	10.5	10.8	---	---	---	10.0	10.2	10.5
1201 - 1800	---	---	---	10.8	11.1	11.3	---	---	---	11.5	11.7	12.0
1801 - 2400	---	---	---	10.8	10.8	10.8	---	---	---	11.5	11.8	12.0
DAILY VALUE	---	---	---	10.3	10.8	11.3	---	---	---	10.0	11.0	12.0
0001 - 0600	---	---	---	10.3	10.6	10.8	---	---	---	---	---	---
0601 - 1200	12.3	12.6	12.8	10.3	10.3	10.3	---	---	---	MONTHLY VALUE		
1201 - 1800	13.3	13.5	13.8	10.3	10.6	10.8	---	---	---	---	---	---
1801 - 2400	13.3	13.6	13.8	10.8	10.8	10.8	---	---	---	8.3	---	14.8
DAILY VALUE	12.3	13.2	13.8	10.3	10.6	10.8	---	---	---	---	---	---

Appendix Table 4-C-24 Cont.

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	10.0	10.5	11.0	9.0	9.5	10.0	9.5	9.8	10.0	10.5	10.7	11.0
0601 - 1200	9.5	9.8	10.0	8.5	8.7	9.0	9.5	9.5	9.5	10.0	10.2	10.5
1201 - 1800	10.5	10.8	11.0	9.5	10.2	10.5	10.0	10.2	10.5	11.0	11.5	12.0
1801 - 2400	11.0	11.2	11.5	10.5	10.5	10.5	9.5	10.0	10.5	10.5	11.0	11.5
DAILY VALUE	9.5	10.6	11.5	8.5	9.7	10.5	9.5	9.9	10.5	10.0	10.8	12.0
0001 - 0600	10.0	10.3	10.5	9.5	9.8	10.0	8.5	9.0	9.5	8.5	9.0	9.5
0601 - 1200	10.0	10.3	11.0	9.5	9.7	10.0	8.0	8.7	9.5	8.5	8.7	9.0
1201 - 1800	12.0	12.3	12.5	10.0	10.3	10.5	10.0	10.8	11.5	9.5	10.0	10.5
1801 - 2400	11.5	11.8	12.0	10.0	10.2	10.5	11.0	11.3	11.5	10.0	10.2	10.5
DAILY VALUE	10.0	11.2	12.5	9.5	10.0	10.5	8.0	10.0	11.5	8.5	9.5	10.5
0001 - 0600	10.5	11.0	11.5	9.5	9.7	10.0	10.0	10.2	10.5	9.0	9.3	9.5
0601 - 1200	10.0	10.3	11.0	9.0	9.0	9.0	9.5	10.0	10.5	9.0	9.3	10.0
1201 - 1800	11.5	12.2	13.0	10.0	10.5	11.0	11.5	12.0	12.5	10.5	11.0	11.5
1801 - 2400	12.5	12.8	13.0	10.5	10.8	11.0	11.5	11.7	12.0	10.5	10.8	11.0
DAILY VALUE	10.0	11.6	13.0	9.0	10.0	11.0	9.5	11.0	12.5	9.0	10.1	11.5
0001 - 0600	11.0	11.5	12.0	8.5	9.3	10.0	10.0	10.5	11.0	8.5	9.0	9.5
0601 - 1200	10.5	11.0	11.5	8.5	9.0	9.5	10.0	10.0	10.0	8.0	8.3	9.0
1201 - 1800	12.0	12.8	13.5	11.0	11.8	12.5	11.0	11.7	12.0	9.5	9.7	10.0
1801 - 2400	12.5	12.7	13.0	12.0	12.5	13.0	12.0	12.0	12.0	10.0	10.0	10.0
DAILY VALUE	10.5	12.0	13.5	8.5	10.7	13.0	10.0	11.0	12.0	8.0	9.2	10.0
0001 - 0600	10.0	10.8	11.5	10.5	11.0	11.5	11.0	11.2	11.5	9.0	9.2	9.5
0601 - 1200	10.0	10.5	11.0	10.0	10.7	11.5	11.0	11.2	11.5	8.5	8.5	8.5
1201 - 1800	12.0	12.5	13.0	12.5	13.3	14.0	12.0	12.5	13.0	8.5	8.5	8.5
1801 - 2400	12.5	12.7	13.0	13.5	13.8	14.0	12.5	12.8	13.0	9.0	9.0	9.0
DAILY VALUE	10.0	11.6	13.0	10.0	12.2	14.0	11.0	11.9	13.0	8.5	8.8	9.5
0001 - 0600	10.5	11.3	12.0	11.5	12.3	13.0	11.0	11.5	12.0	8.5	8.5	8.5
0601 - 1200	10.5	10.8	11.5	11.5	11.7	12.0	10.5	10.7	11.0	8.5	8.5	8.5
1201 - 1800	12.0	12.7	13.0	12.5	12.5	12.5	12.0	12.3	12.5	9.0	9.0	9.0
1801 - 2400	13.0	13.2	13.5	12.5	12.5	12.5	12.5	12.5	12.5	8.5	8.7	9.0
DAILY VALUE	10.5	12.0	13.5	11.5	12.2	13.0	10.5	11.7	12.5	8.5	8.7	9.0
0001 - 0600	11.5	12.0	12.5	10.5	11.3	12.0	12.0	12.2	12.5	8.0	8.0	8.0
0601 - 1200	11.5	11.5	11.5	10.5	10.7	11.0	11.5	11.7	12.0	8.0	8.0	8.0
1201 - 1800	12.0	12.0	12.0	11.0	11.0	11.0	12.0	12.3	12.5	9.0	9.0	9.0
1801 - 2400	11.0	11.5	12.0	10.5	10.8	11.0	12.0	12.3	12.5	8.5	8.8	9.0
DAILY VALUE	11.0	11.7	12.5	10.5	11.0	12.0	11.5	12.1	12.5	8.0	8.5	9.0
0001 - 0600	10.0	10.2	10.5	9.0	9.5	10.0	11.0	11.5	12.0	MONTHLY VALUE		
0601 - 1200	9.5	9.7	10.0	8.5	8.7	9.0	11.0	11.0	11.0			
1201 - 1800	10.0	10.3	10.5	10.0	10.7	11.0	11.5	11.8	12.0	8.0 ----- 14.0		
1801 - 2400	10.0	10.3	10.5	10.5	10.8	11.0	11.0	11.3	11.5			
DAILY VALUE	9.5	10.1	10.5	8.5	9.9	11.0	11.0	11.4	12.0			

Appendix Table 4-C-24 Cont.

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	8.0	8.2	8.5	7.0	7.2	7.5	6.0	6.5	7.0	4.0	4.0	4.0
0601 - 1200	7.5	7.8	8.0	7.0	7.0	7.0	5.5	5.8	6.0	3.5	3.7	4.0
1201 - 1800	9.0	9.2	9.5	7.0	7.5	8.0	6.0	6.5	7.0	4.5	4.8	5.0
1801 - 2400	8.0	8.8	9.5	7.0	7.3	7.5	6.5	6.5	6.5	5.0	5.0	5.0
DAILY VALUE	7.5	8.5	9.5	7.0	7.2	8.0	5.5	6.3	7.0	3.5	4.4	5.0
0001 - 0600	7.5	7.7	8.0	6.0	6.5	7.0	6.0	6.2	6.5	4.5	4.7	5.0
0601 - 1200	7.0	7.3	8.0	6.0	6.0	6.0	5.5	5.7	6.0	4.0	4.2	4.5
1201 - 1800	8.5	8.5	8.5	6.5	7.0	7.5	6.0	6.0	6.0	4.5	4.8	5.0
1801 - 2400	8.5	8.5	8.5	7.0	7.2	7.5	6.0	6.0	6.0	4.5	4.8	5.0
DAILY VALUE	7.0	8.0	8.5	6.0	6.7	7.5	5.5	6.0	6.5	4.0	4.6	5.0
0001 - 0600	7.5	7.8	8.0	5.5	6.2	7.0	5.5	5.8	6.0	4.0	4.2	4.5
0601 - 1200	7.5	7.5	7.5	5.5	5.7	6.0	5.5	5.5	5.5	4.0	4.0	4.0
1201 - 1800	8.0	8.0	8.0	6.0	6.2	6.5	6.0	6.0	6.0	4.0	-----	4.0
1801 - 2400	7.5	7.7	8.0	5.5	5.8	6.0	6.0	6.0	6.0	-----	-----	-----
DAILY VALUE	7.5	7.7	8.0	5.5	6.0	7.0	5.5	5.8	6.0	4.0	-----	4.5
0001 - 0600	6.5	6.8	7.0	4.0	4.5	5.0	5.0	5.5	6.0	-----	-----	-----
0601 - 1200	6.5	6.7	7.0	4.0	4.2	4.5	5.0	5.0	5.0	-----	-----	-----
1201 - 1800	7.0	7.2	7.5	5.0	5.2	5.5	5.5	5.5	5.5	-----	-----	-----
1801 - 2400	7.0	7.2	7.5	5.5	5.5	5.5	5.5	5.5	5.5	-----	-----	-----
DAILY VALUE	6.5	7.0	7.5	4.0	4.8	5.5	5.0	5.4	6.0	-----	-----	4.5
0001 - 0600	6.0	6.3	6.5	5.5	5.5	5.5	5.0	5.3	5.5	-----	-----	-----
0601 - 1200	6.0	6.2	6.5	5.0	5.0	5.0	5.0	5.0	5.0	-----	-----	-----
1201 - 1800	7.5	7.8	8.0	5.5	5.7	6.0	5.5	5.8	6.0	-----	-----	-----
1801 - 2400	7.5	7.8	8.0	5.5	5.7	6.0	6.0	6.0	6.0	-----	-----	-----
DAILY VALUE	6.0	7.0	8.0	5.0	5.5	6.0	5.0	5.5	6.0	-----	-----	-----
0001 - 0600	7.0	7.3	7.5	5.5	5.5	5.5	5.0	5.2	5.5	-----	-----	-----
0601 - 1200	6.5	6.7	7.0	5.5	5.7	6.0	4.5	4.7	5.0	-----	-----	-----
1201 - 1800	7.5	7.8	8.0	6.0	6.3	6.5	5.5	5.5	5.5	-----	-----	-----
1801 - 2400	8.0	8.0	8.0	6.5	6.5	6.5	5.0	5.2	5.5	-----	-----	-----
DAILY VALUE	6.5	7.5	8.0	5.5	6.0	6.5	4.5	5.1	5.5	-----	-----	-----
0001 - 0600	7.5	7.7	8.0	6.0	6.0	6.0	4.0	4.5	5.0	-----	-----	-----
0601 - 1200	7.5	7.7	8.0	6.0	6.2	6.5	4.0	4.2	4.5	-----	-----	-----
1201 - 1800	8.0	8.0	8.0	7.5	7.8	8.0	5.0	5.3	5.5	-----	-----	-----
1801 - 2400	8.0	8.0	8.0	8.0	8.0	8.0	4.5	5.0	5.5	-----	-----	-----
DAILY VALUE	7.5	7.8	8.0	6.0	7.0	8.0	4.0	4.7	5.5	-----	-----	-----
0001 - 0600	7.5	7.5	7.5	7.0	7.2	7.5	3.0	3.3	4.0	-----	-----	-----
0601 - 1200	7.0	7.2	7.5	6.0	6.2	6.5	2.0	2.5	3.0	MONTHLY VALUE		
1201 - 1800	7.5	7.5	7.5	6.5	6.8	7.0	3.5	3.7	4.0	-----		
1801 - 2400	7.5	7.5	7.5	7.0	7.0	7.0	4.0	4.0	4.0	2.0	6.2	9.5
DAILY VALUE	7.0	7.4	7.5	6.0	6.8	7.5	2.0	3.4	4.0	-----		

Table 4-C-25 Datapod intragravel and surface water temperature (C) continuous record, at Slough 8A-Mouth, RM 125.4, Geocode S3ON03W30BCD. Note, that time periods are six hours and three minutes in duration; accordingly, daily minimum, maximum and mean values can not be directly calculated from this data.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820821 - 820821	0604 - 1206	6.5	6.6	6.7	8.0	8.8	9.8
820821 - 820821	1207 - 1809	6.4	6.5	6.6	7.8	9.3	12.0
820821 - 820822	1810 - 0012	6.5	6.6	6.7	12.1	13.9	14.7
820822 - 820822	0013 - 0615	6.8	6.8	6.8	9.6	11.5	13.9
820822 - 820822	0616 - 1218	6.5	6.7	6.8	8.0	8.9	9.7
820822 - 820822	1219 - 1821	6.5	6.6	6.6	8.2	9.8	12.5
820822 - 820823	1822 - 0024	6.6	6.7	6.8	12.5	14.1	14.8
820823 - 820823	0025 - 0627	6.8	6.8	6.8	10.7	11.7	13.8
820823 - 820823	0628 - 1230	6.6	6.7	6.8	10.0	10.3	10.7
820823 - 820823	1231 - 1833	6.6	6.6	6.7	9.8	10.4	11.5
820823 - 820824	1834 - 0036	6.7	6.7	6.8	11.6	12.3	12.7
820824 - 820824	0037 - 0639	6.7	6.7	6.8	10.0	10.8	12.2
820824 - 820824	0640 - 1242	6.6	6.6	6.7	9.1	9.5	10.0
820824 - 820824	1243 - 1845	6.5	6.6	6.7	9.2	10.2	11.8
820824 - 820825	1846 - 0048	6.6	6.7	6.8	11.9	12.6	12.9
820825 - 820825	0049 - 0651	6.7	6.8	6.8	10.0	11.1	12.5
820825 - 820825	0652 - 1254	6.8	6.8	6.8	9.5	9.8	10.1
820825 - 820825	1255 - 1857	6.7	6.8	6.8	9.4	9.9	11.0
820825 - 820826	1858 - 0100	6.7	6.8	6.8	11.1	12.5	13.2
820826 - 820826	0101 - 0703	6.8	6.8	6.9	9.7	11.0	12.6
820826 - 820826	0704 - 1306	6.8	6.8	6.9	9.3	9.4	9.7
820826 - 820826	1307 - 1909	6.7	6.8	6.8	9.3	10.4	12.6
820826 - 820827	1910 - 0112	6.7	6.9	7.0	12.7	14.1	14.8
820827 - 820827	0113 - 0715	6.9	7.0	7.1	9.7	11.5	14.0
820827 - 820827	0716 - 1318	6.7	6.8	6.9	7.8	8.7	9.7
820827 - 820827	1319 - 1921	6.6	6.7	6.8	7.8	10.2	13.4
820827 - 820828	1922 - 0124	6.6	6.8	6.8	13.0	14.1	14.6

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APPENDIX Table 4-C-25 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820828 - 820828	0125 - 0727	6.8	6.8	6.8	9.3	10.8	13.0
820828 - 820828	0728 - 1330	6.6	6.7	6.8	8.2	8.5	9.3
820828 - 820828	1331 - 1933	6.5	6.6	6.6	8.3	9.1	10.8
820828 - 820829	1934 - 0136	6.6	6.7	6.7	10.8	11.5	12.0
820829 - 820829	0137 - 0739	6.6	6.7	6.7	9.0	9.9	11.2
820829 - 820829	0740 - 1342	6.5	6.6	6.7	8.6	8.8	9.0
820829 - 820829	1343 - 1945	6.5	6.5	6.5	8.6	9.3	10.0
820829 - 820830	1946 - 0148	6.5	6.6	6.6	9.8	10.2	10.4
820830 - 820830	0149 - 0751	6.6	6.6	6.6	8.7	9.2	9.9
820830 - 820830	0752 - 1354	6.5	6.5	6.6	8.3	8.5	8.7
820830 - 820830	1355 - 1957	6.5	6.5	6.6	8.3	8.5	8.7
820830 - 820831	1958 - 0200	6.5	6.6	6.6	8.7	8.9	9.0
820831 - 820831	0201 - 0803	6.6	6.6	6.6	8.0	8.3	8.8
820831 - 820831	0804 - 1406	6.5	6.6	6.6	7.7	7.9	8.1
820831 - 820831	1407 - 2009	6.5	6.5	6.6	7.7	8.2	9.0
820831 - 820901	2010 - 0212	6.5	6.6	6.7	8.9	9.4	9.7
820901 - 820901	0213 - 0815	6.6	6.7	6.7	8.3	8.6	8.9
820901 - 820901	0816 - 1418	6.5	6.6	6.6	7.7	8.0	8.3
820901 - 820901	1419 - 2021	6.5	6.6	6.6	8.0	8.9	10.0
820901 - 820902	2022 - 0224	6.6	6.7	6.7	9.8	10.1	10.4
820902 - 820902	0225 - 0827	6.7	6.7	6.8	8.1	8.8	9.8
820902 - 820902	0828 - 1430	6.5	6.6	6.7	7.1	7.5	8.2
820902 - 820902	1431 - 2033	6.4	6.4	6.5	7.1	7.8	9.2
820902 - 820903	2034 - 0236	6.4	6.4	6.4	8.9	9.4	9.9
820903 - 820903	0237 - 0839	6.3	6.4	6.4	8.0	8.6	8.9
820903 - 820903	0840 - 1442	6.3	6.3	6.4	7.3	7.6	8.1
820903 - 820903	1443 - 2045	6.2	6.3	6.3	7.3	7.6	8.3
820903 - 820904	2046 - 0248	6.2	6.3	6.3	7.6	8.2	8.5

APPENDIX Table 4-C-25 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820904 - 820904	0249 - 0851	6.3	6.3	6.4	6.8	7.3	7.7
820904 - 820904	0852 - 1454	6.2	6.3	6.3	6.4	6.6	6.8
820904 - 820904	1455 - 2057	6.2	6.2	6.2	6.5	7.5	8.5
820904 - 820905	2058 - 0300	6.2	6.2	6.3	7.8	8.5	9.0
820905 - 820905	0301 - 0903	6.2	6.3	6.3	6.7	7.3	7.8
820905 - 820905	0904 - 1506	6.2	6.2	6.3	6.3	6.5	6.8
820905 - 820905	1507 - 2109	6.1	6.2	6.2	6.7	7.7	8.3
820905 - 820906	2110 - 0312	6.1	6.2	6.2	7.8	8.2	8.4
820906 - 820906	0313 - 0915	6.2	6.2	6.3	7.0	7.4	7.8
820906 - 820906	0916 - 1518	6.2	6.2	6.2	6.5	6.8	7.1
820906 - 820906	1519 - 2121	6.2	6.2	6.3	6.9	7.6	7.8
820906 - 820907	2122 - 0324	6.2	6.3	6.3	7.4	7.7	7.9
820907 - 820907	0325 - 0927	6.2	6.3	6.3	7.0	7.3	7.5
820907 - 820907	0928 - 1530	6.2	6.2	6.3	6.8	7.0	7.5
820907 - 820907	1531 - 2133	6.2	6.2	6.3	7.5	8.9	9.8
820907 - 820908	2134 - 0336	6.3	6.3	6.3	8.5	8.9	9.6
820908 - 820908	0337 - 0939	6.3	6.3	6.4	7.9	8.2	8.6
820908 - 820908	0940 - 1542	6.2	6.3	6.3	7.5	7.7	8.1
820908 - 820908	1543 - 2145	6.3	6.3	6.3	8.2	8.7	8.9
820908 - 820909	2146 - 0348	6.3	6.3	6.4	8.0	8.3	8.7
820909 - 820909	0349 - 0951	6.3	6.3	6.3	7.6	7.8	7.9
820909 - 820909	0952 - 1554	6.3	6.3	6.3	7.3	7.4	7.6
820909 - 820909	1555 - 2157	6.3	6.3	6.3	7.6	8.4	9.1
820909 - 820910	2158 - 0400	6.3	6.3	6.4	7.8	8.5	9.1
820910 - 820910	0401 - 1003	6.3	6.3	6.4	7.2	7.4	7.7
820910 - 820910	1004 - 1606	6.2	6.3	6.4	6.9	7.1	7.6
820910 - 820910	1607 - 2209	6.2	6.3	6.3	7.7	8.5	8.9
820910 - 820911	2210 - 0412	6.2	6.3	6.3	7.5	8.2	8.9

A. PERU Table 4-C-25 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820911 - 820911	0413 - 1015	6.2	6.3	6.3	6.9	7.2	7.5
820911 - 820911	1016 - 1618	6.1	6.2	6.2	6.7	6.8	7.0
820911 - 820911	1619 - 2221	6.1	6.1	6.2	6.9	7.2	7.4
820911 - 820912	2222 - 0424	6.1	6.1	6.2	6.3	6.8	7.2
820912 - 820912	0425 - 1027	6.1	6.1	6.2	5.5	5.8	6.2
820912 - 820912	1028 - 1630	6.0	6.1	6.1	5.3	5.7	7.2
820912 - 820912	1631 - 2233	6.0	6.1	6.1	7.3	8.0	8.5
820912 - 820913	2234 - 0436	6.1	6.1	6.1	6.4	6.8	7.5
820913 - 820913	0437 - 1039	6.1	6.1	6.2	5.9	6.2	6.4
820913 - 820913	1040 - 1642	6.1	6.1	6.1	5.8	5.9	6.1
820913 - 820913	1643 - 2245	6.0	6.1	6.1	5.9	6.4	6.6
820913 - 820914	2246 - 0448	6.0	6.1	6.1	6.3	6.4	6.6
820914 - 820914	0449 - 1051	6.1	6.1	6.1	6.1	6.3	6.4
820914 - 820914	1052 - 1654	6.0	6.0	6.1	6.1	6.2	6.5
820914 - 820914	1655 - 2257	6.0	6.0	6.0	6.5	6.7	6.8
820914 - 820915	2258 - 0500	6.0	6.0	6.0	6.6	6.7	6.8
820915 - 820915	0501 - 1103	6.0	6.0	6.0	6.3	6.5	6.6
820915 - 820915	1104 - 1706	6.0	6.0	6.1	6.3	6.6	7.3
820915 - 820915	1707 - 2309	6.0	6.0	6.1	7.3	8.1	8.4
820915 - 820916	2310 - 0512	6.0	6.1	6.1	7.4	7.6	8.0
820916 - 820916	0513 - 1115	6.0	6.0	6.1	7.3	7.4	7.4
820916 - 820916	1116 - 1718	5.9	5.9	6.0	7.3	7.4	7.8
820916 - 820916	1719 - 2321	6.0	6.0	6.0	7.6	8.0	8.1
820916 - 820917	2322 - 0524	6.0	6.0	6.0	7.0	7.2	7.6
820917 - 820917	0525 - 1127	5.9	6.0	6.0	6.7	6.9	7.0
820917 - 820917	1128 - 1730	5.9	6.0	6.0	6.6	6.7	6.8
820917 - 820917	1731 - 2333	5.9	5.9	6.0	6.7	6.8	6.8
820917 - 820918	2334 - 0536	5.9	6.0	6.0	6.0	6.4	6.7

APPENDIX Table 4-C-25 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820918 - 820918	0537 - 1139	5.9	6.0	6.0	5.6	5.8	6.0
820918 - 820918	1140 - 1742	5.8	5.9	6.0	5.5	5.8	6.4
820918 - 820918	1743 - 2345	5.9	5.9	5.9	6.4	6.7	6.8
820918 - 820919	2346 - 0548	5.9	5.9	5.9	5.9	6.3	6.6
820919 - 820919	0549 - 1151	5.8	5.9	5.9	5.6	5.7	5.9
820919 - 820919	1152 - 1754	5.8	5.9	5.9	5.6	5.8	6.1
820919 - 820919	1755 - 2357	5.9	5.9	6.0	6.0	6.2	6.3
820919 - 820920	2358 - 0600	5.9	5.9	5.9	5.8	6.0	6.2
820920 - 820920	0601 - 1203	5.9	5.9	6.0	5.6	5.7	5.8
820920 - 820920	1204 - 1806	5.9	5.9	6.0	5.6	5.8	6.3
820920 - 820921	1807 - 0009	5.9	5.9	5.9	6.3	6.4	6.5
820921 - 820921	0010 - 0612	5.9	5.9	5.9	5.6	6.0	6.3
820921 - 820921	0613 - 1215	5.9	5.9	6.0	5.4	5.5	5.6
820921 - 820921	1216 - 1818	5.9	5.9	6.0	5.4	5.6	5.9
820921 - 820922	1819 - 0021	5.9	5.9	5.9	5.9	6.1	6.2
820922 - 820922	0022 - 0624	5.9	5.9	6.0	5.6	5.8	6.1
820922 - 820922	0625 - 1227	5.9	6.0	6.0	5.3	5.4	5.6
820922 - 820922	1228 - 1830	5.9	6.0	6.0	5.3	5.4	5.9
820922 - 820923	1831 - 0033	5.9	6.0	6.0	5.9	6.3	6.5
820923 - 820923	0034 - 0636	6.0	6.0	6.1	4.7	5.2	5.9
820923 - 820923	0637 - 1239	6.0	6.0	6.0	3.9	4.3	4.6
820923 - 820923	1240 - 1842	5.9	6.0	6.0	3.9	4.5	5.6
820923 - 820924	1843 - 0045	5.9	6.0	6.1	5.3	5.7	5.9
820924 - 820924	0046 - 0648	6.0	6.1	6.1	3.8	4.5	5.4
820924 - 820924	0649 - 1251	6.0	6.1	6.1	2.9	3.3	3.8
820924 - 820924	1252 - 1854	6.0	6.0	6.1	2.9	3.7	4.9
820924 - 820925	1855 - 0057	6.0	6.1	6.1	4.9	5.1	5.2

APPENDIX Table 4-C-25 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820925 - 820925	0058 - 0700	6.1	6.1	6.2	4.2	4.6	5.0
820925 - 820925	0701 - 1303	6.1	6.2	6.2	3.4	3.7	4.2
820925 - 820925	1304 - 1906	6.1	6.2	6.2	3.4	4.2	4.8
820925 - 820926	1907 - 0109	6.2	6.2	6.3	4.7	5.0	5.1
820926 - 820926	0110 - 0712	6.3	6.3	6.3	4.7	4.9	5.0
820926 - 820926	0713 - 1315	6.3	6.3	6.3	4.6	4.6	4.7
820926 - 820926	1316 - 1918	6.3	6.3	6.4	4.6	5.1	5.4
820926 - 820927	1919 - 0121	6.3	6.4	6.4	5.2	5.3	5.4
820927 - 820927	0122 - 0724	6.3	6.4	6.4	4.9	5.0	5.2
820927 - 820927	0725 - 1327	6.4	6.4	6.4	4.8	4.9	4.9
820927 - 820927	1328 - 1930	6.4	6.4	6.4	4.9	5.2	5.9
820927 - 820928	1931 - 0133	6.4	6.4	6.4	5.0	5.6	6.1
820928 - 820928	0134 - 0736	6.4	6.4	6.5	3.5	4.3	4.9
820928 - 820928	0737 - 1339	6.4	6.4	6.5	2.9	3.2	3.5
820928 - 820928	1340 - 1942	6.3	6.4	6.5	3.2	3.8	4.1
820928 - 820929	1943 - 0145	6.4	6.4	6.5	4.1	4.3	4.3
820929 - 820929	0146 - 0748	6.4	6.5	6.5	4.2	4.3	4.3
820929 - 820929	0749 - 1351	6.5	6.5	6.5	4.1	4.2	4.3
820929 - 820929	1352 - 1954	6.4	6.5	6.5	4.2	5.0	5.6
820929 - 820930	1955 - 0157	6.5	6.5	6.6	5.2	5.4	5.6
820930 - 820930	0158 - 0800	6.5	6.5	6.5	4.8	5.0	5.3
820930 - 820930	0801 - 1403	6.5	6.5	6.5	4.5	4.6	4.7
820930 - 820930	1404 - 2006	6.4	6.5	6.5	4.7	5.4	6.0
820930 - 821001	2007 - 0209	6.5	6.5	6.5	5.3	5.6	5.9
821001 - 821001	0210 - 0812	6.5	6.5	6.5	4.7	5.0	5.3
821001 - 821001	0813 - 1415	6.4	6.4	6.5	4.4	4.5	4.7
821001 - 821001	1416 - 2018	6.4	6.5	6.5	4.5	4.9	5.2
821001 - 821002	2019 - 0221	6.4	6.5	6.5	4.4	4.7	5.0

APR 00/8 Table 4.0-25 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821002 - 821002	0222 - 0824	6.4	6.5	6.5	3.8	4.0	4.4
821002 - 821002	0825 - 1427	6.4	6.4	6.5	3.5	3.7	3.9
821002 - 821002	1428 - 2030	6.4	6.5	6.5	4.0	5.0	5.6
821002 - 821003	2031 - 0233	6.4	6.5	6.5	4.2	4.8	5.5
821003 - 821003	0234 - 0836	6.4	6.4	6.5	3.5	3.8	4.2
821003 - 821003	0837 - 1439	6.4	6.4	6.5	3.1	3.3	3.5
821003 - 821003	1440 - 2042	6.4	6.5	6.5	3.4	4.6	5.2
821003 - 821004	2043 - 0245	6.4	6.5	6.5	3.6	4.2	4.8
821004 - 821004	0246 - 0848	6.4	6.4	6.5	2.6	3.0	3.7
821004 - 821004	0849 - 1451	6.4	6.4	6.5	2.1	2.3	2.6
821004 - 821004	1452 - 2054	6.4	6.4	6.5	2.5	4.0	4.6
821004 - 821005	2055 - 0257	6.4	6.4	6.5	2.5	3.1	4.0
821005 - 821005	0258 - 0900	6.3	6.4	6.4	1.9	2.2	2.6
821005 - 821005	0901 - 1503	6.3	6.4	6.4	1.8	2.1	3.7
821005 - 821005	1504 - 2106	6.4	6.4	6.5	2.2	3.4	4.2
821005 - 821006	2107 - 0309	6.4	6.4	6.5	2.1	2.5	3.2
821006 - 821006	0310 - 0912	6.3	6.4	6.4	1.4	1.7	2.2
821006 - 821006	0913 - 1515	6.3	6.4	6.4	1.4	1.8	2.4
821006 - 821006	1516 - 2118	6.3	6.4	6.4	2.4	3.1	3.3
821006 - 821007	2119 - 0321	6.3	6.4	6.4	2.6	2.7	3.0
821007 - 821007	0322 - 0924	6.3	6.3	6.4	2.4	2.5	2.7
821007 - 821007	0925 - 1527	6.3	6.3	6.3	1.7	2.1	2.4
821007 - 821007	1528 - 2130	6.3	6.3	6.3	1.8	2.3	2.7
821007 - 821008	2131 - 0333	6.2	6.3	6.3	2.1	2.3	2.6
821008 - 821008	0334 - 0936	6.2	6.3	6.3	1.5	1.9	2.3
821008 - 821008	0937 - 1539	6.2	6.3	6.3	1.6	2.0	2.7
821008 - 821008	1540 - 2142	6.2	6.2	6.3	2.7	3.1	3.5
821008 - 821009	2143 - 0345	6.2	6.3	6.3	1.2	2.0	2.7

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Table 4-C-25 Cont.

DATE PERIOD	TIME PERIOD	INTRA GRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821009 - 821009	0346 - 0948	6.2	6.2	6.2	1.3	1.6	1.8
821009 - 821009	0949 - 1551	6.2	6.2	6.2	1.6	2.1	2.9
821009 - 821009	1552 - 2154	6.1	6.2	6.2	3.0	3.5	3.7
821009 - 821010	2155 - 0357	6.1	6.2	6.2	2.7	2.8	3.1
821010 - 821010	0358 - 1000	6.1	6.2	6.2	2.5	2.7	2.9
821010 - 821010	1001 - 1603	6.1	6.1	6.2	2.4	2.7	3.2
821010 - 821010	1604 - 2206	6.1	6.1	6.1	2.6	2.9	3.3
821010 - 821011	2207 - 0409	6.0	6.1	6.1	2.2	2.3	2.6
821011 - 821011	0410 - 1012	6.1	6.1	6.1	1.6	1.9	2.3
821011 - 821011	1013 - 1615	6.0	6.1	6.1	1.6	1.9	2.4
821011 - 821011	1616 - 2218	6.0	6.0	6.1	.7	2.1	2.7
821011 - 821012	2219 - 0421	6.0	6.1	6.1	.8	1.7	2.2
821012 - 821012	0422 - 1024	6.0	6.0	6.0	1.0	1.3	1.6
821012 - 821012	1025 - 1627	6.0	6.0	6.0	1.5	2.2	2.9
821012 - 821012	1628 - 2230	6.0	6.0	6.1	2.1	2.5	2.8
821012 - 821013	2231 - 0433	5.9	6.0	6.1	1.9	2.0	2.2
821013 - 821013	0434 - 1036	5.9	6.0	6.0	.9	1.3	1.9
821013 - 821013	1037 - 1639	5.9	5.9	5.9	1.1	1.6	2.9
821013 - 821013	1640 - 2242	5.9	5.9	5.9	1.5	1.9	2.4
821013 - 821014	2243 - 0445	5.9	5.9	6.0	1.8	2.0	2.2
821014 - 821014	0446 - 1048	5.9	5.9	5.9	1.6	2.0	2.3
821014 - 821014	1049 - 1651	5.8	5.9	5.9	1.5	2.9	4.9
821014 - 821014	1652 - 2254	5.8	5.9	5.9	2.2	3.3	4.8
821014 - 821015	2255 - 0457	5.8	5.9	5.9	1.5	2.0	2.4
821015 - 821015	0458 - 1100	5.8	5.9	5.9	1.3	1.6	1.8
821015 - 821015	1101 - 1703	5.8	5.9	5.9	1.3	1.8	3.0
821015 - 821015	1704 - 2306	5.8	5.8	5.9	1.5	2.4	3.0
821015 - 821016	2307 - 0509	5.7	5.8	5.8	1.3	1.6	1.9

Table 4-C-25 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821016 - 821016	0510 - 1112	5.7	5.8	5.8	1.3	1.6	1.8
821016 - 821016	1113 - 1715	5.6	5.7	5.7	1.1	1.5	1.8
821016 - 821016	1716 - 2318	5.6	5.7	5.7	1.0	1.3	1.6
821016 - 821017	2319 - 0521	5.6	5.7	5.7	1.1	1.3	1.5
821017 - 821017	0522 - 1124	5.6	5.7	5.7	1.4	1.6	1.8
821017 - 821017	1125 - 1727	5.6	5.6	5.7	1.6	2.2	2.8
821017 - 821017	1728 - 2330	5.6	5.6	5.7	1.7	2.4	2.9
821017 - 821018	2331 - 0533	5.6	5.6	5.6	1.1	1.6	1.8
821018 - 821018	0534 - 1136	5.6	5.6	5.6	1.1	1.3	1.7
821018 - 821018	1137 - 1739	5.5	5.6	5.6	.9	2.2	3.2
821018 - 821018	1740 - 2342	5.5	5.6	5.6	1.9	2.4	3.2
821018 - 821019	2343 - 0545	5.5	5.6	5.6	1.8	2.0	2.2
821019 - 821019	0546 - 1148	5.5	5.5	5.6	1.0	1.7	2.2
821019 - 821019	1149 - 1751	5.5	5.5	5.6	1.1	1.4	1.8
821019 - 821019	1752 - 2354	5.4	5.5	5.5	1.7	1.9	2.1
821019 - 821020	2355 - 0557	5.5	5.5	5.6	1.6	1.8	2.0
821020 - 821020	0558 - 1200	5.4	5.5	5.5	1.5	1.8	2.0
821020 - 821020	1201 - 1803	5.4	5.5	5.5	1.7	2.2	2.6
821020 - 821021	1804 - 0006	5.4	5.5	5.5	1.2	1.8	2.6
821021 - 821021	0007 - 0609	5.3	5.4	5.5	1.2	1.4	1.6
821021 - 821021	0610 - 1212	5.4	5.4	5.5	1.2	1.4	1.5
821021 - 821021	1213 - 1815	5.3	5.4	5.4	1.3	1.7	2.0
821021 - 821022	1816 - 0018	5.3	5.4	5.4	1.3	1.6	1.9
821022 - 821022	0019 - 0621	5.3	5.4	5.4	1.2	1.4	1.6
821022 - 821022	0622 - 1224	5.3	5.4	5.4	1.2	1.4	1.5
821022 - 821022	1225 - 1827	5.3	5.3	5.4	1.3	1.7	2.1
821022 - 821023	1828 - 0030	5.2	5.3	5.4	1.2	1.5	1.9
821023 - 821023	0031 - 0633	5.2	5.3	5.4	1.2	1.3	1.5

APPENDIX Table 4-C-25 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821023 - 821023	0634 - 1236	5.3	5.3	5.3	1.3	1.5	1.8
821023 - 821023	1237 - 1839	5.2	5.3	5.3	1.6	1.9	2.2
821023 - 821024	1840 - 0042	5.2	5.2	5.3	1.7	1.8	2.1
821024 - 821024	0043 - 0645	5.1	5.2	5.2	1.7	1.8	2.0
821024 - 821024	0646 - 1248	5.1	5.2	5.2	2.0	2.1	2.5
821024 - 821024	1249 - 1851	5.1	5.2	5.2	2.0	2.5	2.8
821024 - 821025	1852 - 0054	5.1	5.1	5.2	2.2	2.3	2.5
821025 - 821025	0055 - 0657	5.0	5.1	5.1	2.2	2.4	2.7
821025 - 821025	0658 - 1300	5.0	5.0	5.1	2.3	2.5	2.8

Table 4-C-26 Datapod intragravel and surface water temperature (C) continuous record, at Slough 8A-Upper, RM 126.4, Geocode S30N03W20CDD.
 Note, that time periods are six hours and three minutes in duration; accordingly, daily minimum, maximum and mean values can not be directly calculated from this data.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820821 - 820821	0604 - 1206	4.7	4.7	4.8	5.0	5.2	5.5
820821 - 820821	1207 - 1809	4.7	4.7	4.8	5.0	5.3	6.4
820821 - 820822	1810 - 0012	4.7	4.8	4.8	6.5	8.5	9.4
820822 - 820822	0013 - 0615	4.7	4.8	4.8	5.4	6.0	7.2
820822 - 820822	0616 - 1218	4.7	4.7	4.8	4.9	5.1	5.4
820822 - 820822	1219 - 1821	4.7	4.7	4.8	5.0	5.3	6.3
820822 - 820823	1822 - 0024	4.7	4.8	4.8	6.4	8.1	9.3
820823 - 820823	0025 - 0627	4.7	4.8	4.8	5.8	6.1	6.8
820823 - 820823	0628 - 1230	4.7	4.8	4.8	5.6	5.8	5.9
820823 - 820823	1231 - 1833	4.7	4.8	4.8	5.7	6.3	7.2
820823 - 820824	1834 - 0036	4.7	4.8	4.8	6.2	7.2	7.7
820824 - 820824	0037 - 0639	4.7	4.8	4.8	5.6	5.9	6.3
820824 - 820824	0640 - 1242	4.8	4.8	4.8	5.4	5.6	5.8
820824 - 820824	1243 - 1845	4.8	4.8	4.8	5.5	6.0	7.3
820824 - 820825	1846 - 0048	4.7	4.8	4.8	6.4	7.6	8.5
820825 - 820825	0049 - 0651	4.8	4.8	4.8	5.8	6.0	6.4
820825 - 820825	0652 - 1254	4.8	4.8	4.8	5.6	5.7	5.9
820825 - 820825	1255 - 1857	4.8	4.8	4.8	5.5	6.1	6.8
820825 - 820826	1858 - 0100	4.7	4.8	4.8	6.0	7.3	8.6
820826 - 820826	0101 - 0703	4.8	4.8	4.8	5.6	5.8	6.2
820826 - 820826	0704 - 1306	4.7	4.8	4.8	5.5	5.6	5.7
820826 - 820826	1307 - 1909	4.8	4.8	4.8	5.7	6.4	8.1
820826 - 820827	1910 - 0112	4.8	4.8	4.9	6.1	8.1	9.7
820827 - 820827	0113 - 0715	4.7	4.8	4.9	5.3	5.7	6.3
820827 - 820827	0716 - 1318	4.8	4.8	4.8	4.9	5.1	5.4
820827 - 820827	1319 - 1921	4.7	4.8	4.8	5.0	5.6	7.8
820827 - 820828	1922 - 0124	4.8	4.9	4.9	6.0	7.6	9.2

Table 4-C-26 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820828 - 820828	0125 - 0727	4.8	4.8	4.9	5.4	5.7	6.2
820828 - 820828	0728 - 1330	4.8	4.8	4.8	5.1	5.3	5.5
820828 - 820828	1331 - 1933	4.8	4.8	4.9	5.4	5.9	6.5
820828 - 820829	1934 - 0136	4.8	4.8	4.9	6.0	7.1	8.2
820829 - 820829	0137 - 0739	4.8	4.8	4.9	5.6	5.8	6.0
820829 - 820829	0740 - 1342	4.8	4.9	4.9	5.6	5.7	5.8
820829 - 820829	1343 - 1945	4.8	4.9	4.9	5.7	6.1	6.5
820829 - 820830	1946 - 0148	4.8	4.9	4.9	6.0	6.3	6.5
820830 - 820830	0149 - 0751	4.9	4.9	4.9	5.7	5.8	6.1
820830 - 820830	0752 - 1354	4.9	4.9	4.9	5.7	5.7	5.8
820830 - 820830	1355 - 1957	4.9	4.9	4.9	5.8	6.0	6.1
820830 - 820831	1958 - 0200	4.9	4.9	4.9	5.8	6.1	6.4
820831 - 820831	0201 - 0803	4.8	4.9	4.9	5.5	5.6	5.8
820831 - 820831	0804 - 1406	4.9	4.9	4.9	5.5	5.6	5.6
820831 - 820831	1407 - 2009	4.8	4.9	4.9	5.6	6.0	6.4
820831 - 820901	2010 - 0212	4.8	4.9	4.9	5.6	6.1	6.7
820901 - 820901	0213 - 0815	4.9	4.9	4.9	5.6	5.7	5.8
820901 - 820901	0816 - 1418	4.8	4.9	4.9	5.7	5.9	6.1
820901 - 820901	1419 - 2021	4.9	4.9	5.0	6.1	6.7	7.1
820901 - 820902	2022 - 0224	4.9	4.9	5.0	6.1	6.6	7.0
820902 - 820902	0225 - 0827	4.8	4.9	4.9	5.9	6.0	6.1
820902 - 820902	0828 - 1430	4.9	4.9	4.9	5.8	5.9	6.2
820902 - 820902	1431 - 2033	4.9	4.9	5.0	6.1	6.6	7.5
820902 - 820903	2034 - 0236	4.9	4.9	5.0	6.2	6.7	7.6
820903 - 820903	0237 - 0839	4.9	4.9	5.0	5.9	6.1	6.3
820903 - 820903	0840 - 1442	4.9	4.9	4.9	6.0	6.1	6.2
820903 - 820903	1443 - 2045	4.9	4.9	5.0	6.1	6.5	6.9
820903 - 820904	2046 - 0248	4.9	5.0	5.0	5.9	6.4	7.0

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820904 - 820904	0249 - 0851	4.9	4.9	4.9	5.6	5.9	6.0
820904 - 820904	0852 - 1454	4.9	4.9	5.0	5.5	5.6	5.8
820904 - 820904	1455 - 2057	4.9	4.9	5.0	5.5	6.5	7.1
820904 - 820905	2058 - 0300	4.9	5.0	5.0	5.6	6.4	7.1
820905 - 820905	0301 - 0903	4.9	4.9	5.0	5.2	5.5	5.9
820905 - 820905	0904 - 1506	4.9	5.0	5.0	5.3	5.5	5.9
820905 - 820905	1507 - 2109	4.9	5.0	5.0	5.8	6.5	6.8
820905 - 820906	2110 - 0312	5.0	5.0	5.0	5.9	6.3	6.7
820906 - 820906	0313 - 0915	5.0	5.0	5.0	5.6	5.8	5.9
820906 - 820906	0916 - 1518	4.9	5.0	5.0	5.4	5.6	6.0
820906 - 820906	1519 - 2121	5.0	5.0	5.0	5.9	6.2	6.4
820906 - 820907	2122 - 0324	5.0	5.0	5.1	5.7	6.0	6.3
820907 - 820907	0325 - 0927	5.0	5.1	5.1	5.5	5.7	5.9
820907 - 820907	0928 - 1530	5.0	5.0	5.1	5.5	5.8	6.2
820907 - 820907	1531 - 2133	5.0	5.1	5.1	6.1	6.7	7.3
820907 - 820908	2134 - 0336	5.0	5.1	5.1	5.7	6.0	6.7
820908 - 820908	0337 - 0939	5.1	5.1	5.1	5.5	5.6	5.8
820908 - 820908	0940 - 1542	5.1	5.1	5.2	5.5	5.7	6.2
820908 - 820908	1543 - 2145	5.1	5.2	5.2	6.1	6.3	6.5
820908 - 820909	2146 - 0348	5.1	5.2	5.2	5.6	5.9	6.3
820909 - 820909	0349 - 0951	5.1	5.1	5.2	5.5	5.6	5.7
820909 - 820909	0952 - 1554	5.1	5.2	5.2	5.5	5.6	5.8
820909 - 820909	1555 - 2157	5.1	5.2	5.2	5.8	6.3	6.7
820909 - 820910	2158 - 0400	5.1	5.2	5.2	5.5	5.9	6.5
820910 - 820910	0401 - 1003	5.2	5.2	5.2	5.4	5.6	5.6
820910 - 820910	1004 - 1606	5.1	5.2	5.2	5.4	5.7	6.1
820910 - 820910	1607 - 2209	5.2	5.2	5.3	6.1	6.4	6.5
820910 - 820911	2210 - 0412	5.2	5.2	5.3	5.4	5.8	6.3

Table 4-C-26 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820911 - 820911	0413 - 1015	5.2	5.3	5.3	5.4	5.5	5.6
820911 - 820911	1016 - 1618	5.2	5.3	5.3	5.4	5.6	5.8
820911 - 820911	1619 - 2221	5.2	5.2	5.2	5.7	6.0	6.2
820911 - 820912	2222 - 0424	5.2	5.2	5.3	5.1	5.5	6.0
820912 - 820912	0425 - 1027	5.2	5.3	5.3	5.0	5.1	5.2
820912 - 820912	1028 - 1630	5.2	5.3	5.3	5.0	5.2	5.3
820912 - 820912	1631 - 2233	5.2	5.3	5.3	5.3	6.3	6.8
820912 - 820913	2234 - 0436	5.2	5.3	5.3	5.4	5.6	6.0
820913 - 820913	0437 - 1039	5.2	5.2	5.2	5.3	5.4	5.5
820913 - 820913	1040 - 1642	5.2	5.2	5.3	5.3	5.5	5.7
820913 - 820913	1643 - 2245	5.2	5.3	5.3	5.6	5.8	6.2
820913 - 820914	2246 - 0448	5.2	5.2	5.3	5.5	5.7	5.8
820914 - 820914	0449 - 1051	5.2	5.2	5.2	5.5	5.7	5.8
820914 - 820914	1052 - 1654	5.2	5.2	5.3	5.5	5.8	6.3
820914 - 820914	1655 - 2257	5.3	5.3	5.3	6.0	6.2	6.3
820914 - 820915	2258 - 0500	5.2	5.2	5.3	5.8	6.0	6.2
820915 - 820915	0501 - 1103	5.2	5.2	5.2	5.7	5.9	6.1
820915 - 820915	1104 - 1706	5.2	5.2	5.3	5.8	6.2	6.9
820915 - 820915	1707 - 2309	5.2	5.2	5.3	6.8	7.3	7.7
820915 - 820916	2310 - 0512	5.3	5.3	5.3	6.2	6.7	7.1
820916 - 820916	0513 - 1115	5.2	5.3	5.3	5.9	6.2	6.5
820916 - 820916	1116 - 1718	5.2	5.2	5.3	5.9	6.3	7.3
820916 - 820916	1719 - 2321	5.2	5.3	5.3	7.0	7.7	8.3
820916 - 820917	2322 - 0524	5.2	5.2	5.3	6.1	6.4	7.0
820917 - 820917	0525 - 1127	5.2	5.2	5.3	5.8	6.0	6.2
820917 - 820917	1128 - 1730	5.2	5.2	5.3	5.8	5.9	6.3
820917 - 820917	1731 - 2333	5.2	5.2	5.2	5.9	6.1	6.3
820917 - 820918	2334 - 0536	5.2	5.2	5.2	5.5	5.6	5.9

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APPENDIX Table 4-C-26 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820918 - 820918	0537 - 1139	5.1	5.2	5.2	5.3	5.4	5.5
820918 - 820918	1140 - 1742	5.1	5.1	5.2	5.4	5.9	6.5
820918 - 820918	1743 - 2345	5.1	5.2	5.2	6.1	6.3	6.5
820918 - 820919	2346 - 0548	5.1	5.1	5.2	5.6	5.8	6.1
820919 - 820919	0549 - 1151	5.1	5.1	5.1	5.5	5.5	5.6
820919 - 820919	1152 - 1754	5.1	5.1	5.2	5.5	5.7	6.0
820919 - 820919	1755 - 2357	5.1	5.2	5.2	5.7	5.9	6.0
820919 - 820920	2358 - 0600	5.1	5.1	5.1	5.5	5.6	5.7
820920 - 820920	0601 - 1203	5.1	5.1	5.1	5.5	5.5	5.6
820920 - 820920	1204 - 1806	5.1	5.1	5.1	5.5	5.8	6.1
820920 - 820921	1807 - 0009	5.1	5.2	5.2	5.7	6.0	6.2
820921 - 820921	0010 - 0612	5.1	5.1	5.1	5.5	5.6	5.7
820921 - 820921	0613 - 1215	5.1	5.1	5.1	5.3	5.4	5.5
820921 - 820921	1216 - 1818	5.1	5.1	5.2	5.4	5.7	6.0
820921 - 820922	1819 - 0021	5.1	5.1	5.1	5.6	5.8	6.0
820922 - 820922	0022 - 0624	5.1	5.1	5.1	5.4	5.5	5.6
820922 - 820922	0625 - 1227	5.0	5.1	5.1	5.3	5.4	5.5
820922 - 820922	1228 - 1830	5.0	5.1	5.1	5.4	5.6	6.0
820922 - 820923	1831 - 0033	5.0	5.1	5.1	5.2	5.9	6.5
820923 - 820923	0034 - 0636	5.1	5.1	5.1	4.9	5.1	5.3
820923 - 820923	0637 - 1239	5.1	5.1	5.1	4.7	4.9	5.0
820923 - 820923	1240 - 1842	5.0	5.1	5.1	4.8	5.4	6.8
820923 - 820924	1843 - 0045	5.0	5.1	5.1	5.0	5.9	6.8
820924 - 820924	0046 - 0648	5.0	5.1	5.1	4.6	4.8	5.0
820924 - 820924	0649 - 1251	5.0	5.0	5.1	4.3	4.6	4.7
820924 - 820924	1252 - 1854	5.0	5.0	5.1	4.5	5.4	6.2
820924 - 820925	1855 - 0057	5.0	5.1	5.1	5.2	5.6	6.0

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821002 - 821002	0222 - 0824	4.8	4.8	4.9	4.8	4.9	5.0
821002 - 821002	0825 - 1427	4.8	4.8	4.9	4.8	4.9	5.1
821002 - 821002	1428 - 2030	4.8	4.8	4.9	5.1	5.7	5.9
821002 - 821003	2031 - 0233	4.8	4.8	4.9	4.7	5.1	5.6
821003 - 821003	0234 - 0836	4.8	4.8	4.8	4.8	4.9	4.9
821003 - 821003	0837 - 1439	4.8	4.8	4.8	4.7	4.8	4.9
821003 - 821003	1440 - 2042	4.8	4.8	4.8	4.9	5.4	5.9
821003 - 821004	2043 - 0245	4.7	4.8	4.8	4.7	5.1	5.5
821004 - 821004	0246 - 0848	4.7	4.8	4.8	4.5	4.6	4.8
821004 - 821004	0849 - 1451	4.7	4.8	4.8	4.4	4.6	4.6
821004 - 821004	1452 - 2054	4.7	4.8	4.8	4.6	5.4	6.0
821004 - 821005	2055 - 0257	4.7	4.8	4.8	4.5	4.8	5.3
821005 - 821005	0258 - 0900	4.7	4.8	4.8	4.3	4.5	4.6
821005 - 821005	0901 - 1503	4.7	4.7	4.8	4.3	4.5	4.7
821005 - 821005	1504 - 2106	4.7	4.7	4.8	4.6	5.3	5.8
821005 - 821006	2107 - 0309	4.7	4.7	4.8	4.6	4.7	5.0
821006 - 821006	0310 - 0912	4.7	4.7	4.8	4.3	4.5	4.6
821006 - 821006	0913 - 1515	4.7	4.7	4.8	4.3	4.6	5.0
821006 - 821006	1516 - 2118	4.7	4.7	4.7	5.0	5.2	5.4
821006 - 821007	2119 - 0321	4.6	4.7	4.7	4.7	4.8	5.1
821007 - 821007	0322 - 0924	4.7	4.7	4.7	4.7	4.7	4.7
821007 - 821007	0925 - 1527	4.7	4.7	4.7	4.5	4.6	4.7
821007 - 821007	1528 - 2130	4.7	4.7	4.7	4.6	4.8	5.1
821007 - 821008	2131 - 0333	4.7	4.7	4.7	4.6	4.7	4.8
821008 - 821008	0334 - 0936	4.7	4.7	4.7	4.0	4.4	4.6
821008 - 821008	0937 - 1539	4.7	4.7	4.7	4.1	4.5	5.1
821008 - 821008	1540 - 2142	4.7	4.7	4.7	4.8	5.2	5.5
821008 - 821009	2143 - 0345	4.7	4.7	4.7	3.9	4.3	4.8

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Table 4-C-26 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820925 - 820925	0058 - 0700	5.0	5.0	5.1	4.9	5.0	5.2
820925 - 820925	0701 - 1303	5.0	5.0	5.1	4.7	4.8	4.9
820925 - 820925	1304 - 1906	5.0	5.0	5.1	4.8	5.3	5.8
820925 - 820926	1907 - 0109	5.0	5.0	5.1	5.3	5.5	5.7
820926 - 820926	0110 - 0712	5.0	5.0	5.1	5.2	5.2	5.4
820926 - 820926	0713 - 1315	5.0	5.0	5.0	5.2	5.2	5.3
820926 - 820926	1316 - 1918	5.0	5.0	5.1	5.3	5.5	5.8
820926 - 820927	1919 - 0121	5.0	5.0	5.1	5.3	5.4	5.5
820927 - 820927	0122 - 0724	5.0	5.0	5.0	5.2	5.2	5.3
820927 - 820927	0725 - 1327	5.0	5.0	5.0	5.2	5.2	5.3
820927 - 820927	1328 - 1930	5.0	5.0	5.0	5.3	5.5	5.8
820927 - 820928	1931 - 0133	4.9	5.0	5.0	4.9	5.4	6.0
820928 - 820928	0134 - 0736	4.9	4.9	5.0	4.4	4.8	4.9
820928 - 820928	0737 - 1339	4.9	5.0	5.0	4.6	4.7	4.9
820928 - 820928	1340 - 1942	4.9	4.9	5.0	4.7	5.2	5.5
820928 - 820929	1943 - 0145	4.9	4.9	5.0	5.0	5.2	5.3
820929 - 820929	0146 - 0748	4.9	4.9	5.0	5.0	5.1	5.2
820929 - 820929	0749 - 1351	4.9	4.9	5.0	5.0	5.1	5.2
820929 - 820929	1352 - 1954	4.9	4.9	5.0	5.2	5.6	5.9
820929 - 820930	1955 - 0157	4.9	4.9	5.0	5.2	5.4	5.6
820930 - 820930	0158 - 0800	4.9	4.9	4.9	5.1	5.2	5.3
820930 - 820930	0801 - 1403	4.8	4.9	4.9	5.0	5.1	5.2
820930 - 820930	1404 - 2006	4.8	4.9	4.9	5.2	5.7	6.0
820930 - 821001	2007 - 0209	4.8	4.9	4.9	5.2	5.4	5.7
821001 - 821001	0210 - 0812	4.8	4.9	4.9	5.1	5.1	5.2
821001 - 821001	0813 - 1415	4.9	4.9	4.9	5.0	5.1	5.3
821001 - 821001	1416 - 2018	4.8	4.8	4.9	5.2	5.4	5.6
821001 - 821002	2019 - 0221	4.8	4.9	4.9	4.9	5.1	5.4

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Table 4C-26 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821009 - 821009	0346 - 0948	4.7	4.7	4.7	4.0	4.3	4.5
821009 - 821009	0949 - 1551	4.7	4.7	4.7	4.4	4.7	5.1
821009 - 821009	1552 - 2154	4.7	4.7	4.7	4.8	5.2	5.4
821009 - 821010	2155 - 0357	4.7	4.7	4.7	4.6	4.6	4.8
821010 - 821010	0358 - 1000	4.7	4.7	4.7	4.5	4.5	4.6
821010 - 821010	1001 - 1603	4.7	4.7	4.7	4.4	4.7	5.0
821010 - 821010	1604 - 2206	4.7	4.7	4.7	4.6	4.8	5.1
821010 - 821011	2207 - 0409	4.6	4.7	4.7	4.3	4.5	4.6
821011 - 821011	0410 - 1012	4.7	4.7	4.7	4.2	4.4	4.5
821011 - 821011	1013 - 1615	4.6	4.7	4.7	4.2	4.4	4.7
821011 - 821011	1616 - 2218	4.6	4.7	4.7	3.5	4.5	4.9
821011 - 821012	2219 - 0421	4.7	4.7	4.7	3.6	4.2	4.6
821012 - 821012	0422 - 1024	4.7	4.7	4.7	3.7	4.0	4.3
821012 - 821012	1025 - 1627	4.6	4.7	4.7	3.9	4.3	4.8
821012 - 821012	1628 - 2230	4.6	4.6	4.7	4.6	4.7	4.8
821012 - 821013	2231 - 0433	4.6	4.7	4.7	4.4	4.5	4.6
821013 - 821013	0434 - 1036	4.6	4.6	4.7	3.6	4.0	4.5
821013 - 821013	1037 - 1639	4.6	4.6	4.7	3.7	4.0	4.3
821013 - 821013	1640 - 2242	4.6	4.6	4.7	4.0	4.3	4.5
821013 - 821014	2243 - 0445	4.6	4.6	4.7	3.8	4.1	4.4
821014 - 821014	0446 - 1048	4.6	4.6	4.7	3.5	4.0	4.3
821014 - 821014	1049 - 1651	4.6	4.6	4.7	3.5	4.0	4.8
821014 - 821014	1652 - 2254	4.6	4.6	4.7	4.1	4.7	5.2
821014 - 821015	2255 - 0457	4.6	4.6	4.7	3.5	3.7	4.0
821015 - 821015	0458 - 1100	4.6	4.6	4.6	3.7	3.8	3.9
821015 - 821015	1101 - 1703	4.6	4.6	4.7	3.7	3.9	4.1
821015 - 821015	1704 - 2306	4.6	4.6	4.7	4.0	4.4	4.8
821015 - 821016	2307 - 0509	4.6	4.6	4.7	3.9	4.0	4.1

Table 4-C-26 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821016 - 821016	0510 - 1112	4.6	4.7	4.7	4.0	4.1	4.2
821016 - 821016	1113 - 1715	4.6	4.6	4.6	4.0	4.1	4.3
821016 - 821016	1716 - 2318	4.6	4.6	4.7	4.0	4.1	4.3
821016 - 821017	2319 - 0521	4.6	4.7	4.7	3.9	4.1	4.2
821017 - 821017	0522 - 1124	4.6	4.7	4.7	4.1	4.2	4.3
821017 - 821017	1125 - 1727	4.6	4.6	4.7	4.2	4.6	5.2
821017 - 821017	1728 - 2330	4.6	4.6	4.7	4.0	4.7	5.3
821017 - 821018	2331 - 0533	4.6	4.7	4.7	3.9	4.0	4.1
821018 - 821018	0534 - 1136	4.6	4.6	4.7	3.9	4.0	4.1
821018 - 821018	1137 - 1739	4.6	4.6	4.7	3.9	4.3	4.6
821018 - 821018	1740 - 2342	4.6	4.6	4.6	4.1	4.4	4.8
821018 - 821019	2343 - 0545	4.6	4.6	4.6	4.1	4.2	4.3
821019 - 821019	0546 - 1148	4.6	4.6	4.6	3.8	4.1	4.3
821019 - 821019	1149 - 1751	4.6	4.6	4.6	3.8	4.1	4.4
821019 - 821019	1752 - 2354	4.6	4.6	4.6	4.1	4.3	4.5
821019 - 821020	2355 - 0557	4.6	4.6	4.7	3.9	4.1	4.2
821020 - 821020	0558 - 1200	4.6	4.6	4.7	3.9	4.1	4.2
821020 - 821020	1201 - 1803	4.6	4.6	4.7	4.0	4.4	4.7
821020 - 821021	1804 - 0006	4.6	4.6	4.7	3.9	4.2	4.7
821021 - 821021	0007 - 0609	4.6	4.6	4.6	3.8	3.9	4.0
821021 - 821021	0610 - 1212	4.6	4.6	4.6	3.9	4.0	4.1
821021 - 821021	1213 - 1815	4.6	4.6	4.7	4.0	4.2	4.4
821021 - 821022	1816 - 0018	4.6	4.6	4.7	3.9	4.1	4.4
821022 - 821022	0019 - 0621	4.6	4.6	4.6	3.9	4.0	4.1
821022 - 821022	0622 - 1224	4.6	4.6	4.6	3.8	3.9	4.0
821022 - 821022	1225 - 1827	4.6	4.6	4.6	4.0	4.2	4.4
821022 - 821023	1828 - 0030	4.6	4.6	4.6	3.9	4.1	4.4
821023 - 821023	0031 - 0633	4.6	4.6	4.6	3.8	3.9	4.0

APPENDIX Table 4-C-26 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821023 - 821023	0634 - 1236	4.6	4.6	4.6	3.9	3.9	4.0
821023 - 821023	1237 - 1839	4.6	4.6	4.6	3.9	4.1	4.3
821023 - 821024	1840 - 0042	4.6	4.6	4.6	3.8	4.0	4.3
821024 - 821024	0043 - 0645	4.6	4.6	4.6	3.8	3.9	4.0
821024 - 821024	0646 - 1248	4.6	4.6	4.6	3.7	3.8	4.0
821024 - 821024	1249 - 1851	4.6	4.6	4.6	4.0	4.1	4.3
821024 - 821025	1852 - 0054	4.5	4.6	4.6	3.7	3.9	4.2
821025 - 821025	0055 - 0657	4.5	4.5	4.6	3.7	3.7	3.8
821025 - 821025	0658 - 1300	4.5	4.5	4.6	3.6	3.7	3.8

APPENDIX Table 4-C-27 Datapod intragravel and surface water temperature (C) continuous record, at Slough 11, RM 135.7, Geocode S31N02W30ADC.
 Note, that time periods are six hours and three minutes in duration; accordingly, daily minimum, maximum and mean values can not be directly calculated from this data.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820821 - 820821	0604 - 1206	3.2	3.3	3.3	4.8	5.3	5.9
820821 - 820821	1207 - 1809	3.2	3.3	3.3	4.7	5.4	6.9
820821 - 820822	1810 - 0012	3.2	3.3	3.3	6.9	8.4	9.2
820822 - 820822	0013 - 0615	3.2	3.3	3.3	6.4	7.6	8.7
820822 - 820822	0616 - 1218	3.2	3.3	3.3	5.0	5.5	6.3
820822 - 820822	1219 - 1821	3.2	3.3	3.3	4.9	5.7	7.3
820822 - 820823	1822 - 0024	3.2	3.3	3.3	7.3	8.4	9.0
820823 - 820823	0025 - 0627	3.2	3.3	3.3	6.6	7.4	8.4
820823 - 820823	0628 - 1230	3.3	3.3	3.3	6.0	6.3	6.6
820823 - 820823	1231 - 1833	3.2	3.3	3.3	5.9	6.2	6.6
820823 - 820824	1834 - 0036	3.2	3.3	3.3	6.6	7.1	7.3
820824 - 820824	0037 - 0639	3.2	3.3	3.3	5.6	6.1	6.8
820824 - 820824	0640 - 1242	3.3	3.3	3.4	5.6	5.6	5.8
820824 - 820824	1243 - 1845	3.2	3.3	3.3	5.5	6.0	7.0
820824 - 820825	1846 - 0048	3.2	3.3	3.3	6.4	7.5	8.0
820825 - 820825	0049 - 0651	3.2	3.3	3.5	4.3	6.1	7.3
820825 - 820825	0652 - 1254	3.3	3.3	3.3	5.0	5.7	6.0
820825 - 820825	1255 - 1857	3.3	3.4	3.5	5.1	6.2	7.2
820825 - 820826	1858 - 0100	3.5	3.5	3.7	7.0	8.0	8.4
820826 - 820826	0101 - 0703	3.6	3.7	3.7	6.2	7.0	7.7
820826 - 820826	0704 - 1306	3.6	3.6	3.7	5.7	6.0	6.3
820826 - 820826	1307 - 1909	3.6	3.7	4.4	3.6	5.5	6.7
820826 - 820827	1910 - 0112	3.6	3.6	3.7	3.5	3.6	4.0
820827 - 820827	0113 - 0715	3.5	3.5	3.6	3.4	3.5	3.8
820827 - 820827	0716 - 1318	3.5	3.5	3.5	3.4	3.5	3.5
820827 - 820827	1319 - 1921	3.4	3.5	3.5	3.4	3.4	3.5
820827 - 820828	1922 - 0124	3.4	3.5	3.5	3.4	3.5	3.5

Appendix Table 4-C-27 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820828 - 820828	0125 - 0727	3.5	3.5	3.5	3.4	3.4	3.5
820828 - 820828	0728 - 1330	3.4	3.5	3.5	3.4	3.5	3.5
820828 - 820828	1331 - 1933	3.4	3.5	3.5	3.4	3.4	3.5
820828 - 820829	1934 - 0136	3.4	3.5	3.5	3.4	3.4	3.5
820829 - 820829	0137 - 0739	3.5	3.5	3.5	3.4	3.5	3.5
820829 - 820829	0740 - 1342	3.5	3.5	3.5	3.4	3.4	3.5
820829 - 820829	1343 - 1945	3.5	3.5	3.5	3.4	3.4	3.5
820829 - 820830	1946 - 0148	3.5	3.5	3.5	3.4	3.4	3.5
820830 - 820830	0149 - 0751	3.4	3.5	3.5	3.4	3.4	3.5
820830 - 820830	0752 - 1354	3.5	3.5	3.5	3.4	3.4	3.4
820830 - 820830	1355 - 1957	3.4	3.5	3.5	3.3	3.4	3.4
820830 - 820831	1958 - 0200	3.4	3.5	3.5	3.3	3.4	3.4
820831 - 820831	0201 - 0803	3.4	3.4	3.4	3.3	3.4	3.4
820831 - 820831	0804 - 1406	3.4	3.4	3.4	3.4	3.4	3.4
820831 - 820831	1407 - 2009	3.4	3.4	3.5	3.3	3.4	3.4
820831 - 820901	2010 - 0212	3.4	3.5	3.5	3.3	3.4	3.4
820901 - 820901	0213 - 0815	3.4	3.4	3.4	3.3	3.4	3.4
820901 - 820901	0816 - 1418	3.4	3.4	3.4	3.3	3.4	3.4
820901 - 820901	1419 - 2021	3.4	3.4	3.5	3.3	3.4	3.4
820901 - 820902	2022 - 0224	3.4	3.5	3.5	3.3	3.4	3.5
820902 - 820902	0225 - 0827	3.4	3.5	3.5	3.4	3.4	3.5
820902 - 820902	0828 - 1430	3.4	3.5	3.5	3.4	3.4	3.4
820902 - 820902	1431 - 2033	3.4	3.4	3.5	3.3	3.4	3.4
820902 - 820903	2034 - 0236	3.4	3.5	3.5	3.4	3.4	3.5
820903 - 820903	0237 - 0839	3.4	3.5	3.5	3.4	3.4	3.5
820903 - 820903	0840 - 1442	3.4	3.4	3.5	3.4	3.4	3.4
820903 - 820903	1443 - 2045	3.4	3.4	3.5	3.3	3.4	3.4
820903 - 820904	2046 - 0248	3.4	3.5	3.5	3.3	3.4	3.4

Appendix Table 4-C-113 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820904 - 820904	0249 - 0851	3.4	3.5	3.5	3.3	3.4	3.4
820904 - 820904	0852 - 1454	3.4	3.4	3.5	3.3	3.3	3.4
820904 - 820904	1455 - 2057	3.3	3.4	3.5	3.3	3.3	3.4
820904 - 820905	2058 - 0300	3.4	3.4	3.5	3.3	3.4	3.4
820905 - 820905	0301 - 0903	3.4	3.4	3.5	3.3	3.4	3.4
820905 - 820905	0904 - 1506	3.3	3.4	3.4	3.3	3.3	3.4
820905 - 820905	1507 - 2109	3.4	3.4	3.4	3.3	3.3	3.4
820905 - 820906	2110 - 0312	3.4	3.4	3.5	3.3	3.4	3.4
820906 - 820906	0313 - 0915	3.4	3.4	3.5	3.3	3.4	3.4
820906 - 820906	0916 - 1518	3.4	3.4	3.5	3.3	3.4	3.4
820906 - 820906	1519 - 2121	3.4	3.4	3.4	3.3	3.4	3.4
820906 - 820907	2122 - 0324	3.4	3.4	3.5	3.3	3.4	3.4
820907 - 820907	0325 - 0927	3.4	3.4	3.4	3.3	3.3	3.4
820907 - 820907	0928 - 1530	3.3	3.4	3.4	3.3	3.3	3.4
820907 - 820907	1531 - 2133	3.4	3.4	3.4	3.3	3.3	3.4
820907 - 820908	2134 - 0336	3.4	3.4	3.5	3.3	3.4	3.4
820908 - 820908	0337 - 0939	3.4	3.4	3.5	3.3	3.4	3.4
820908 - 820908	0940 - 1542	3.4	3.4	3.5	3.3	3.4	3.4
820908 - 820908	1543 - 2145	3.4	3.4	3.5	3.3	3.4	3.4
820908 - 820909	2146 - 0348	3.4	3.4	3.5	3.3	3.4	3.4
820909 - 820909	0349 - 0951	3.4	3.4	3.5	3.3	3.4	3.4
820909 - 820909	0952 - 1554	3.3	3.4	3.4	3.3	3.4	3.4
820909 - 820909	1555 - 2157	3.3	3.4	3.4	3.3	3.3	3.4
820909 - 820910	2158 - 0400	3.4	3.4	3.4	3.3	3.3	3.4
820910 - 820910	0401 - 1003	3.4	3.4	3.4	3.3	3.3	3.4
820910 - 820910	1004 - 1606	3.3	3.4	3.4	3.3	3.3	3.3
820910 - 820910	1607 - 2209	3.3	3.4	3.4	3.3	3.3	3.4
820910 - 820911	2210 - 0412	3.3	3.4	3.4	3.3	3.3	3.4

APPENDIX Table 4-C-27 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820911 - 820911	0413 - 1015	3.4	3.4	3.4	3.3	3.3	3.3
820911 - 820911	1016 - 1618	3.3	3.4	3.4	3.3	3.3	3.3
820911 - 820911	1619 - 2221	3.3	3.4	3.4	3.3	3.3	3.3
820911 - 820912	2222 - 0424	3.3	3.4	3.4	3.2	3.3	3.3
820912 - 820912	0425 - 1027	3.3	3.4	3.4	3.3	3.3	3.3
820912 - 820912	1028 - 1630	3.3	3.4	3.4	3.2	3.3	3.3
820912 - 820912	1631 - 2233	3.3	3.3	3.4	3.2	3.3	3.3
820912 - 820913	2234 - 0436	3.3	3.4	3.4	3.3	3.3	3.4
820913 - 820913	0437 - 1039	3.3	3.3	3.4	3.3	3.3	3.3
820913 - 820913	1040 - 1642	3.3	3.3	3.4	3.2	3.2	3.3
820913 - 820913	1643 - 2245	3.3	3.3	3.4	3.2	3.3	3.3
820913 - 820914	2246 - 0448	3.3	3.4	3.4	3.2	3.3	3.3
820914 - 820914	0449 - 1051	3.3	3.4	3.4	3.3	3.3	3.3
820914 - 820914	1052 - 1654	3.3	3.3	3.4	3.2	3.3	3.3
820914 - 820914	1655 - 2257	3.3	3.3	3.4	3.2	3.3	3.3
820914 - 820915	2258 - 0500	3.3	3.4	3.4	3.2	3.3	3.3
820915 - 820915	0501 - 1103	3.3	3.4	3.4	3.3	3.3	3.3
820915 - 820915	1104 - 1706	3.3	3.3	3.4	3.2	3.3	3.3
820915 - 820915	1707 - 2309	3.3	3.4	3.4	3.3	3.3	3.3
820915 - 820916	2310 - 0512	3.3	3.4	3.4	3.2	3.3	3.4
820916 - 820916	0513 - 1115	3.3	3.4	3.4	3.2	3.3	3.4
820916 - 820916	1116 - 1718	3.3	3.4	3.4	3.2	3.3	3.3
820916 - 820916	1719 - 2321	3.3	3.3	3.4	3.2	3.3	3.3
820916 - 820917	2322 - 0524	3.3	3.4	3.4	3.3	3.3	3.4
820917 - 820917	0525 - 1127	3.3	3.3	3.4	3.2	3.3	3.3
820917 - 820917	1128 - 1730	3.3	3.3	3.3	3.2	3.3	3.3
820917 - 820917	1731 - 2333	3.3	3.3	3.4	3.2	3.3	3.3
820917 - 820918	2334 - 0536	3.3	3.3	3.4	3.2	3.2	3.3

APPENDIX Table 4-2-27 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820918 - 820918	0537 - 1139	3.3	3.3	3.3	3.3	3.3	3.3
820918 - 820918	1140 - 1742	3.2	3.3	3.3	3.2	3.2	3.3
820918 - 820918	1743 - 2345	3.3	3.3	3.4	3.2	3.2	3.3
820918 - 820919	2346 - 0548	3.3	3.3	3.3	3.2	3.2	3.2
820919 - 820919	0549 - 1151	3.3	3.3	3.3	3.2	3.2	3.2
820919 - 820919	1152 - 1754	3.3	3.3	3.3	3.2	3.2	3.2
820919 - 820919	1755 - 2357	3.3	3.3	3.3	3.2	3.2	3.2
820919 - 820920	2358 - 0600	3.3	3.3	3.3	3.2	3.2	3.2
820920 - 820920	0601 - 1203	3.3	3.3	3.3	3.2	3.2	3.3
820920 - 820920	1204 - 1806	3.3	3.3	3.3	3.2	3.2	3.2
820920 - 820921	1807 - 0009	3.3	3.3	3.4	3.2	3.2	3.3
820921 - 820921	0010 - 0612	3.3	3.3	3.3	3.2	3.2	3.2
820921 - 820921	0613 - 1215	3.3	3.3	3.3	3.2	3.2	3.3
820921 - 820921	1216 - 1818	3.3	3.3	3.4	3.2	3.2	3.3
820921 - 820922	1819 - 0021	3.3	3.3	3.3	3.2	3.2	3.2
820922 - 820922	0022 - 0624	3.3	3.3	3.3	3.2	3.2	3.3
820922 - 820922	0625 - 1227	3.3	3.3	3.4	3.2	3.2	3.3
820922 - 820922	1228 - 1830	3.3	3.3	3.3	3.2	3.2	3.3
820922 - 820923	1831 - 0033	3.2	3.3	3.4	3.2	3.2	3.3
820923 - 820923	0034 - 0636	3.3	3.3	3.4	3.2	3.2	3.3
820923 - 820923	0637 - 1239	3.3	3.3	3.3	3.2	3.2	3.2
820923 - 820923	1240 - 1842	3.2	3.3	3.3	3.2	3.2	3.3
820923 - 820924	1843 - 0045	3.3	3.3	3.4	3.2	3.2	3.3
820924 - 820924	0046 - 0648	3.3	3.3	3.4	3.2	3.2	3.3
820924 - 820924	0649 - 1251	3.3	3.3	3.3	3.2	3.2	3.2
820924 - 820924	1252 - 1854	3.2	3.3	3.3	3.1	3.2	3.3
820924 - 820925	1855 - 0057	3.2	3.3	3.3	3.2	3.2	3.3

HPF.0014 Table 4-2-27 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820925 - 820925	0058 - 0700	3.2	3.3	3.3	3.1	3.2	3.2
820925 - 820925	0701 - 1303	3.2	3.3	3.3	3.1	3.2	3.2
820925 - 820925	1304 - 1906	3.2	3.3	3.3	3.1	3.2	3.2
820925 - 820926	1907 - 0109	3.2	3.3	3.3	3.1	3.2	3.2
820926 - 820926	0110 - 0712	3.2	3.3	3.3	3.2	3.2	3.2
820926 - 820926	0713 - 1315	3.3	3.3	3.3	3.2	3.2	3.2
820926 - 820926	1316 - 1918	3.2	3.3	3.3	3.1	3.2	3.2
820926 - 820927	1919 - 0121	3.2	3.3	3.3	3.1	3.2	3.2
820927 - 820927	0122 - 0724	3.3	3.3	3.3	3.2	3.2	3.2
820927 - 820927	0725 - 1327	3.3	3.3	3.3	3.2	3.2	3.2
820927 - 820927	1328 - 1930	3.2	3.3	3.3	3.1	3.2	3.2
820927 - 820928	1931 - 0133	3.2	3.3	3.3	3.2	3.2	3.3
820928 - 820928	0134 - 0736	3.2	3.3	3.3	3.1	3.2	3.2
820928 - 820928	0737 - 1339	3.2	3.3	3.3	3.2	3.2	3.2
820928 - 820928	1340 - 1942	3.2	3.3	3.3	3.1	3.2	3.2
820928 - 820929	1943 - 0145	3.2	3.3	3.3	3.1	3.2	3.2
820929 - 820929	0146 - 0748	3.3	3.3	3.3	3.2	3.2	3.2
820929 - 820929	0749 - 1351	3.3	3.3	3.3	3.2	3.2	3.2
820929 - 820929	1352 - 1954	3.2	3.3	3.3	3.1	3.2	3.2
820929 - 820930	1955 - 0157	3.2	3.3	3.3	3.1	3.2	3.2
820930 - 820930	0158 - 0800	3.3	3.3	3.3	3.2	3.2	3.2
820930 - 820930	0801 - 1403	3.3	3.3	3.3	3.2	3.2	3.2
820930 - 820930	1404 - 2006	3.2	3.3	3.3	3.1	3.2	3.3
820930 - 821001	2007 - 0209	3.2	3.3	3.4	3.1	3.2	3.3
821001 - 821001	0210 - 0812	3.3	3.3	3.4	3.2	3.2	3.3
821001 - 821001	0813 - 1415	3.3	3.3	3.3	3.2	3.2	3.2
821001 - 821001	1416 - 2018	3.2	3.3	3.3	3.2	3.2	3.2
821001 - 821002	2019 - 0221	3.2	3.3	3.4	3.1	3.2	3.3

APPENDIX Table 4.2.27 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821002 - 821002	0222 - 0824	3.3	3.3	3.3	3.2	3.2	3.2
821002 - 821002	0825 - 1427	3.2	3.3	3.3	3.1	3.2	3.2
821002 - 821002	1428 - 2030	3.2	3.3	3.3	3.1	3.2	3.2
821002 - 821003	2031 - 0233	3.2	3.3	3.3	3.1	3.2	3.2
821003 - 821003	0234 - 0836	3.2	3.3	3.3	3.1	3.2	3.2
821003 - 821003	0837 - 1439	3.2	3.3	3.3	3.1	3.2	3.2
821003 - 821003	1440 - 2042	3.2	3.3	3.3	3.2	3.2	3.2
821003 - 821004	2043 - 0245	3.2	3.3	3.3	3.2	3.2	3.3
821004 - 821004	0246 - 0848	3.2	3.3	3.3	3.1	3.2	3.2
821004 - 821004	0849 - 1451	3.2	3.3	3.3	3.1	3.2	3.2
821004 - 821004	1452 - 2054	3.2	3.3	3.3	3.1	3.2	3.2
821004 - 821005	2055 - 0257	3.2	3.3	3.3	3.1	3.2	3.2
821005 - 821005	0258 - 0900	3.2	3.3	3.3	3.1	3.2	3.2
821005 - 821005	0901 - 1503	3.2	3.3	3.3	3.1	3.2	3.2
821005 - 821005	1504 - 2106	3.2	3.2	3.3	3.1	3.2	3.2
821005 - 821006	2107 - 0309	3.2	3.2	3.3	3.1	3.1	3.2
821006 - 821006	0310 - 0912	3.2	3.2	3.2	3.1	3.1	3.2
821006 - 821006	0913 - 1515	3.2	3.2	3.3	3.1	3.1	3.2
821006 - 821006	1516 - 2118	3.2	3.2	3.3	3.1	3.1	3.1
821006 - 821007	2119 - 0321	3.2	3.3	3.3	3.1	3.1	3.2
821007 - 821007	0322 - 0924	3.2	3.2	3.2	3.1	3.1	3.1
821007 - 821007	0925 - 1527	3.2	3.2	3.3	3.1	3.1	3.1
821007 - 821007	1528 - 2130	3.2	3.2	3.2	3.1	3.1	3.2
821007 - 821008	2131 - 0333	3.2	3.2	3.3	3.1	3.1	3.1
821008 - 821008	0334 - 0936	3.2	3.2	3.2	3.1	3.1	3.1
821008 - 821008	0937 - 1539	3.1	3.2	3.2	3.1	3.1	3.2
821008 - 821008	1540 - 2142	3.2	3.2	3.3	3.1	3.1	3.1
821008 - 821009	2143 - 0345	3.2	3.2	3.3	3.1	3.1	3.2

APPENDIX Table 4.5-27 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821009 - 821009	0346 - 0948	3.2	3.2	3.2	3.1	3.1	3.1
821009 - 821009	0949 - 1551	3.1	3.2	3.2	3.1	3.1	3.2
821009 - 821009	1552 - 2154	3.2	3.2	3.3	3.1	3.1	3.1
821009 - 821010	2155 - 0357	3.2	3.2	3.3	3.1	3.1	3.2
821010 - 821010	0358 - 1000	3.2	3.2	3.2	3.1	3.1	3.1
821010 - 821010	1001 - 1603	3.2	3.2	3.3	3.1	3.1	3.1
821010 - 821010	1604 - 2206	3.2	3.2	3.3	3.1	3.1	3.2
821010 - 821011	2207 - 0409	3.2	3.2	3.3	3.1	3.1	3.2
821011 - 821011	0410 - 1012	3.2	3.2	3.3	3.1	3.1	3.1
821011 - 821011	1013 - 1615	3.2	3.2	3.3	3.1	3.1	3.1
821011 - 821011	1616 - 2218	3.2	3.2	3.3	3.1	3.1	3.1
821011 - 821012	2219 - 0421	3.2	3.2	3.2	3.1	3.1	3.1
821012 - 821012	0422 - 1024	3.2	3.2	3.2	3.1	3.1	3.1
821012 - 821012	1025 - 1627	3.1	3.2	3.2	3.1	3.1	3.1
821012 - 821012	1628 - 2230	3.1	3.2	3.2	3.1	3.1	3.1
821012 - 821013	2231 - 0433	3.2	3.2	3.2	3.1	3.1	3.1
821013 - 821013	0434 - 1036	3.2	3.2	3.2	3.1	3.1	3.1
821013 - 821013	1037 - 1639	3.2	3.2	3.2	3.1	3.1	3.1
821013 - 821013	1640 - 2242	3.2	3.2	3.2	3.1	3.1	3.1
821013 - 821014	2243 - 0445	3.2	3.2	3.2	3.1	3.1	3.1
821014 - 821014	0446 - 1048	3.2	3.2	3.3	3.0	3.1	3.1
821014 - 821014	1049 - 1651	3.1	3.2	3.3	3.0	3.1	3.1
821014 - 821014	1652 - 2254	3.1	3.2	3.2	3.1	3.1	3.2
821014 - 821015	2255 - 0457	3.2	3.2	3.3	3.0	3.1	3.2
821015 - 821015	0458 - 1100	3.1	3.2	3.3	3.0	3.1	3.1
821015 - 821015	1101 - 1703	3.1	3.2	3.2	3.0	3.1	3.1
821015 - 821015	1704 - 2306	3.1	3.2	3.3	3.0	3.1	3.1
821015 - 821016	2307 - 0509	3.2	3.2	3.2	3.0	3.1	3.1

APPENDIX Table 4-C-2Z Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821016 - 821016	0510 - 1112	3.2	3.2	3.2	3.0	3.1	3.1
821016 - 821016	1113 - 1715	3.2	3.2	3.2	3.0	3.1	3.1
821016 - 821016	1716 - 2318	3.2	3.2	3.2	3.0	3.1	3.1
821016 - 821017	2319 - 0521	3.2	3.2	3.2	3.0	3.0	3.1
821017 - 821017	0522 - 1124	3.2	3.2	3.2	3.0	3.1	3.1
821017 - 821017	1125 - 1727	3.1	3.2	3.2	3.0	3.1	3.1
821017 - 821017	1728 - 2330	3.1	3.2	3.2	3.0	3.1	3.1
821017 - 821018	2331 - 0533	3.2	3.2	3.3	3.0	3.1	3.1
821018 - 821018	0534 - 1136	3.2	3.2	3.2	3.0	3.1	3.1
821018 - 821018	1137 - 1739	3.1	3.2	3.2	3.0	3.1	3.1
821018 - 821018	1740 - 2342	3.1	3.2	3.2	3.0	3.1	3.1
821018 - 821019	2343 - 0545	3.2	3.2	3.2	3.1	3.1	3.1
821019 - 821019	0546 - 1148	3.2	3.2	3.2	3.1	3.1	3.1
821019 - 821019	1149 - 1751	3.2	3.2	3.2	3.0	3.1	3.1
821019 - 821019	1752 - 2354	3.1	3.2	3.2	3.0	3.1	3.1
821019 - 821020	2355 - 0557	3.2	3.2	3.2	3.0	3.1	3.1
821020 - 821020	0558 - 1200	3.2	3.2	3.2	3.0	3.1	3.1
821020 - 821020	1201 - 1803	3.1	3.2	3.2	3.0	3.1	3.1
821020 - 821021	1804 - 0006	3.1	3.2	3.2	3.0	3.1	3.1
821021 - 821021	0007 - 0609	3.2	3.2	3.2	3.0	3.1	3.1
821021 - 821021	0610 - 1212	3.1	3.2	3.2	3.0	3.1	3.1
821021 - 821021	1213 - 1815	3.1	3.2	3.2	3.0	3.1	3.1
821021 - 821022	1816 - 0018	3.1	3.2	3.2	3.0	3.0	3.1
821022 - 821022	0019 - 0621	3.1	3.1	3.2	3.0	3.0	3.0
821022 - 821022	0622 - 1224	3.1	3.1	3.2	2.9	3.0	3.0
821022 - 821022	1225 - 1827	3.1	3.1	3.2	2.9	3.0	3.0
821022 - 821023	1828 - 0030	3.1	3.1	3.2	2.9	3.0	3.0
821023 - 821023	0031 - 0633	3.1	3.1	3.2	2.9	3.0	3.0

APPENDIX Table 4 C-27 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821023 - 821023	0634 - 1236	3.1	3.1	3.2	3.0	3.0	3.0
821023 - 821023	1237 - 1839	3.1	3.1	3.2	2.9	3.0	3.0
821023 - 821024	1840 - 0042	3.1	3.1	3.2	2.9	3.0	3.0
821024 - 821024	0043 - 0645	3.1	3.1	3.2	3.0	3.0	3.0
821024 - 821024	0646 - 1248	3.1	3.1	3.2	3.0	3.0	3.0
821024 - 821024	1249 - 1851	3.1	3.1	3.2	2.9	3.0	3.1
821024 - 821025	1852 - 0054	3.1	3.1	3.2	2.9	3.0	3.1
821025 - 821025	0055 - 0657	3.1	3.2	3.2	3.0	3.0	3.0
821025 - 821025	0658 - 1300	3.1	3.1	3.2	2.9	3.0	3.0
821025 - 821025	1301 - 1903	3.1	3.1	3.2	2.9	3.0	3.1
821025 - 821026	1904 - 0106	3.1	3.1	3.2	2.9	3.0	3.0
821026 - 821026	0107 - 0709	3.1	3.1	3.2	2.9	3.0	3.0
821026 - 821026	0710 - 1312	3.1	3.1	3.1	3.0	3.0	3.0
821026 - 821026	1313 - 1915	3.1	3.1	3.2	2.9	3.0	3.0
821026 - 821027	1916 - 0118	3.1	3.1	3.2	2.9	3.0	3.0
821027 - 821027	0119 - 0721	3.1	3.1	3.2	2.9	3.0	3.0
821027 - 821027	0722 - 1324	3.1	3.1	3.1	2.9	3.0	3.0

APPENDIX Table 4-2-25 Datapod intragravel and surface water temperature (C) continuous record, at Slough 16B, RM 138.0, Geocode S31N02W17AAA.
 Note, that time periods are six hours and three minutes in duration; accordingly, daily minimum, maximum and mean values can not be directly calculated from this data.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820821 - 820821	0604 - 1206	5.0	5.4	5.7	4.4	4.8	5.3
820821 - 820821	1207 - 1809	4.8	5.0	5.4	4.3	5.1	6.4
820821 - 820822	1810 - 0012	5.4	6.2	6.7	6.3	7.9	9.2
820822 - 820822	0013 - 0615	5.6	6.2	6.6	5.1	6.2	7.4
820822 - 820822	0616 - 1218	4.8	5.2	5.6	4.2	4.6	5.1
820822 - 820822	1219 - 1821	4.7	4.9	5.5	4.2	5.0	6.4
820822 - 820823	1822 - 0024	5.5	6.3	6.9	6.2	7.7	9.0
820823 - 820823	0025 - 0627	5.9	6.3	6.7	5.8	6.4	7.4
820823 - 820823	0628 - 1230	5.6	5.7	5.9	5.5	5.7	5.9
820823 - 820823	1231 - 1833	5.6	5.9	6.4	5.6	6.3	7.1
820823 - 820824	1834 - 0036	6.3	6.7	6.8	6.9	7.3	8.0
820824 - 820824	0037 - 0639	5.7	6.1	6.7	5.5	6.0	6.8
820824 - 820824	0640 - 1242	5.4	5.5	5.7	5.1	5.3	5.5
820824 - 820824	1243 - 1845	5.4	5.9	6.6	5.2	6.2	7.6
820824 - 820825	1846 - 0048	6.6	7.1	7.4	7.1	7.8	8.7
820825 - 820825	0049 - 0651	6.1	6.6	7.0	5.8	6.4	7.3
820825 - 820825	0652 - 1254	5.9	6.0	6.2	5.5	5.8	6.0
820825 - 820825	1255 - 1857	5.9	6.3	6.8	5.7	6.6	7.8
820825 - 820826	1858 - 0100	6.8	7.1	7.5	6.9	7.9	9.0
820826 - 820826	0101 - 0703	6.2	6.6	7.1	5.8	6.4	7.1
820826 - 820826	0704 - 1306	5.9	6.0	6.2	5.5	5.7	6.0
820826 - 820826	1307 - 1909	5.9	6.3	6.8	5.6	6.8	8.0
820826 - 820827	1910 - 0112	6.8	7.2	7.6	7.2	8.1	9.1
820827 - 820827	0113 - 0715	5.6	6.4	7.1	4.8	5.8	7.2
820827 - 820827	0716 - 1318	4.6	5.1	5.6	3.9	4.3	4.8
820827 - 820827	1319 - 1921	4.6	5.2	6.1	4.0	5.3	6.9
820827 - 820828	1922 - 0124	6.1	6.8	7.4	6.3	7.5	8.7

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820828 - 820828	0125 - 0727	5.0	5.6	6.5	4.6	5.3	6.4
820828 - 820828	0728 - 1330	4.7	4.9	5.1	4.5	4.6	4.9
820828 - 820828	1331 - 1933	4.9	5.4	6.2	4.8	5.6	6.7
820828 - 820829	1934 - 0136	6.2	6.6	7.0	6.3	7.0	7.8
820829 - 820829	0137 - 0739	5.5	5.9	6.5	5.2	5.8	6.6
820829 - 820829	0740 - 1342	5.3	5.4	5.5	5.0	5.2	5.4
820829 - 820829	1343 - 1945	5.4	5.9	6.6	5.4	6.2	7.0
820829 - 820830	1946 - 0148	6.2	6.5	6.7	6.0	6.6	7.1
820830 - 820830	0149 - 0751	5.6	5.8	6.2	5.4	5.7	6.2
820830 - 820830	0752 - 1354	5.5	5.6	5.6	5.3	5.5	5.7
820830 - 820830	1355 - 1957	5.5	5.8	6.1	5.5	6.0	6.5
820830 - 820831	1958 - 0200	6.0	6.1	6.2	5.9	6.4	6.7
820831 - 820831	0201 - 0803	5.7	5.9	6.0	5.4	5.6	5.9
820831 - 820831	0804 - 1406	5.6	5.6	5.8	5.2	5.4	5.6
820831 - 820831	1407 - 2009	5.6	5.6	5.8	5.5	6.4	7.5
820831 - 820901	2010 - 0212	5.8	6.1	6.3	6.3	7.2	8.0
820901 - 820901	0213 - 0815	6.0	6.1	6.2	5.5	5.8	6.3
820901 - 820901	0816 - 1418	5.7	5.8	6.0	5.4	5.6	5.8
820901 - 820901	1419 - 2021	5.7	5.8	6.1	5.8	7.3	8.5
820901 - 820902	2022 - 0224	6.1	6.3	6.4	6.2	7.7	8.6
820902 - 820902	0225 - 0827	5.9	6.2	6.4	5.1	5.5	6.2
820902 - 820902	0828 - 1430	5.6	5.8	6.0	4.9	5.0	5.3
820902 - 820902	1431 - 2033	5.5	5.6	5.7	5.4	6.6	7.6
820902 - 820903	2034 - 0236	5.7	6.0	6.2	6.1	7.3	8.6
820903 - 820903	0237 - 0839	5.8	6.0	6.2	5.4	5.7	6.1
820903 - 820903	0840 - 1442	5.6	5.7	5.9	5.0	5.2	5.5
820903 - 820903	1443 - 2045	5.5	5.6	5.6	5.3	6.0	7.1
820903 - 820904	2046 - 0248	5.6	5.8	6.0	5.6	6.7	7.7

APPENDIX Table 4-C-28 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820904 - 820904	0249 - 0851	5.6	5.8	6.0	4.7	5.0	5.6
820904 - 820904	0852 - 1454	5.3	5.4	5.6	4.6	4.8	5.0
820904 - 820904	1455 - 2057	5.2	5.4	5.6	4.9	6.2	7.4
820904 - 820905	2058 - 0300	5.5	5.8	5.9	5.5	6.6	7.9
820905 - 820905	0301 - 0903	5.4	5.7	5.9	4.6	4.9	5.5
820905 - 820905	0904 - 1506	5.1	5.3	5.5	4.6	4.8	5.4
820905 - 820905	1507 - 2109	5.1	5.4	5.6	5.3	6.3	7.4
820905 - 820906	2110 - 0312	5.6	5.8	5.9	5.6	6.4	7.6
820906 - 820906	0313 - 0915	5.4	5.6	5.8	5.0	5.4	5.7
820906 - 820906	0916 - 1518	5.3	5.3	5.5	5.0	5.2	5.7
820906 - 820906	1519 - 2121	5.4	5.7	6.0	5.6	6.2	6.6
820906 - 820907	2122 - 0324	5.4	5.7	6.0	5.1	5.8	6.6
820907 - 820907	0325 - 0927	5.1	5.2	5.4	4.9	5.0	5.1
820907 - 820907	0928 - 1530	5.0	5.2	5.7	4.8	5.2	6.3
820907 - 820907	1531 - 2133	5.7	6.2	6.7	6.1	6.9	7.6
820907 - 820908	2134 - 0336	5.6	6.1	6.7	5.4	6.0	7.0
820908 - 820908	0337 - 0939	5.2	5.4	5.6	4.9	5.1	5.5
820908 - 820908	0940 - 1542	5.1	5.2	5.4	4.8	5.1	5.6
820908 - 820908	1543 - 2145	5.4	5.7	5.9	5.5	5.9	6.2
820908 - 820909	2146 - 0348	5.4	5.6	5.9	5.2	5.6	6.1
820909 - 820909	0349 - 0951	5.1	5.2	5.4	4.9	5.0	5.2
820909 - 820909	0952 - 1554	5.0	5.1	5.2	4.8	5.0	5.4
820909 - 820909	1555 - 2157	5.2	5.7	6.0	5.4	6.2	7.0
820909 - 820910	2158 - 0400	5.6	5.8	6.0	5.1	5.8	6.6
820910 - 820910	0401 - 1003	5.2	5.3	5.6	4.7	4.9	5.2
820910 - 820910	1004 - 1606	5.0	5.1	5.3	4.6	4.9	5.7
820910 - 820910	1607 - 2209	5.3	5.7	6.0	5.7	6.5	6.9
820910 - 820911	2210 - 0412	5.5	5.8	6.0	5.1	5.7	6.7

Table 4-C-2^a Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820911 - 820911	0413 - 1015	5.1	5.3	5.5	4.6	4.8	5.1
820911 - 820911	1016 - 1618	5.0	5.0	5.2	4.6	4.8	5.1
820911 - 820911	1619 - 2221	5.0	5.2	5.4	5.0	5.4	5.6
820911 - 820912	2222 - 0424	5.0	5.2	5.3	4.5	4.9	5.4
820912 - 820912	0425 - 1027	4.6	4.7	5.1	4.0	4.1	4.5
820912 - 820912	1028 - 1630	4.4	4.5	4.6	3.9	4.1	4.7
820912 - 820912	1631 - 2233	4.6	5.0	5.4	4.7	5.7	6.3
820912 - 820913	2234 - 0436	5.0	5.2	5.4	4.8	5.2	5.8
820913 - 820913	0437 - 1039	4.9	5.0	5.1	4.7	4.7	4.9
820913 - 820913	1040 - 1642	4.8	4.9	5.0	4.5	4.7	5.0
820913 - 820913	1643 - 2245	4.9	5.0	5.1	5.0	5.6	6.1
820913 - 820914	2246 - 0448	5.1	5.2	5.2	5.2	5.4	5.7
820914 - 820914	0449 - 1051	5.1	5.2	5.3	5.0	5.1	5.3
820914 - 820914	1052 - 1654	5.0	5.1	5.1	5.0	5.2	6.2
820914 - 820914	1655 - 2257	5.1	5.2	5.3	6.2	6.3	6.4
820914 - 820915	2258 - 0500	5.3	5.4	5.5	6.1	6.3	6.5
820915 - 820915	0501 - 1103	5.4	5.6	5.7	6.3	6.4	6.5
820915 - 820915	1104 - 1706	5.6	5.8	6.1	6.3	6.5	7.1
820915 - 820915	1707 - 2309	6.1	6.4	6.6	7.1	7.7	8.0
820915 - 820916	2310 - 0512	6.6	6.7	6.8	7.4	7.6	7.9
820916 - 820916	0513 - 1115	6.6	6.7	6.8	6.9	7.1	7.4
820916 - 820916	1116 - 1718	6.4	6.6	6.7	6.7	6.8	6.9
820916 - 820916	1719 - 2321	6.4	6.5	6.5	6.8	7.1	7.2
820916 - 820917	2322 - 0524	6.4	6.5	6.6	6.4	6.6	6.9
820917 - 820917	0525 - 1127	6.2	6.3	6.4	5.9	6.2	6.5
820917 - 820917	1128 - 1730	5.9	6.1	6.3	5.7	5.8	6.0
820917 - 820917	1731 - 2333	5.9	5.9	6.0	6.0	6.3	6.4
820917 - 820918	2334 - 0536	5.9	5.9	6.0	5.8	6.1	6.3

Table 4-C-28 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820925 - 820925	0058 - 0700	4.2	4.3	4.4	3.3	3.7	4.4
820925 - 820925	0701 - 1303	4.0	4.1	4.2	2.7	3.0	3.5
820925 - 820925	1304 - 1906	3.7	3.9	4.1	2.9	4.6	5.7
820925 - 820926	1907 - 0109	4.1	4.3	4.5	4.7	5.3	5.8
820926 - 820926	0110 - 0712	4.4	4.4	4.5	4.0	4.4	4.7
820926 - 820926	0713 - 1315	4.2	4.3	4.5	4.0	4.1	4.2
820926 - 820926	1316 - 1918	4.2	4.3	4.4	4.1	4.9	5.5
820926 - 820927	1919 - 0121	4.4	4.5	4.6	4.5	4.8	5.3
820927 - 820927	0122 - 0724	4.4	4.5	4.6	4.3	4.4	4.5
820927 - 820927	0725 - 1327	4.3	4.4	4.5	4.2	4.2	4.3
820927 - 820927	1328 - 1930	4.3	4.4	4.5	4.3	5.0	5.9
820927 - 820928	1931 - 0133	4.5	4.6	4.8	3.6	4.9	6.3
820928 - 820928	0134 - 0736	4.2	4.4	4.7	2.7	3.1	3.6
820928 - 820928	0737 - 1339	3.7	4.0	4.2	2.6	2.7	3.2
820928 - 820928	1340 - 1942	3.8	3.9	4.1	3.2	4.4	5.0
820928 - 820929	1943 - 0145	4.1	4.2	4.3	4.2	4.4	4.8
820929 - 820929	0146 - 0748	4.2	4.2	4.3	4.0	4.1	4.2
820929 - 820929	0749 - 1351	4.1	4.2	4.3	3.9	4.0	4.2
820929 - 820929	1352 - 1954	4.1	4.3	4.5	4.2	5.2	6.0
820929 - 820930	1955 - 0157	4.5	4.6	4.7	4.6	5.1	5.8
820930 - 820930	0158 - 0800	4.6	4.6	4.7	4.2	4.5	4.6
820930 - 820930	0801 - 1403	4.4	4.5	4.6	4.0	4.1	4.4
820930 - 820930	1404 - 2006	4.4	4.5	4.7	4.4	5.4	6.1
820930 - 821001	2007 - 0209	4.7	4.8	4.9	4.5	5.0	5.7
821001 - 821001	0210 - 0812	4.6	4.7	4.8	4.1	4.3	4.6
821001 - 821001	0813 - 1415	4.4	4.5	4.6	3.9	4.1	4.2
821001 - 821001	1416 - 2018	4.4	4.5	4.6	4.3	4.9	5.4
821001 - 821002	2019 - 0221	4.6	4.6	4.7	3.7	4.3	5.2

Table 4-2-28 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820918 - 820918	0537 - 1139	5.7	5.8	5.9	5.6	5.7	5.8
820918 - 820918	1140 - 1742	5.5	5.6	5.7	5.5	5.9	6.4
820918 - 820918	1743 - 2345	5.5	5.5	5.6	6.4	6.5	6.6
820918 - 820919	2346 - 0548	5.4	5.5	5.6	6.1	6.3	6.5
820919 - 820919	0549 - 1151	5.3	5.4	5.5	6.0	6.0	6.1
820919 - 820919	1152 - 1754	5.2	5.3	5.4	5.9	6.1	6.3
820919 - 820919	1755 - 2357	5.2	5.3	5.4	6.3	6.4	6.5
820919 - 820920	2358 - 0600	5.2	5.3	5.3	6.0	6.1	6.4
820920 - 820920	0601 - 1203	5.1	5.2	5.3	5.7	5.8	6.0
820920 - 820920	1204 - 1806	5.0	5.1	5.2	5.7	6.0	6.4
820920 - 820921	1807 - 0009	5.1	5.1	5.2	6.2	6.4	6.5
820921 - 820921	0010 - 0612	5.0	5.1	5.1	5.8	5.9	6.2
820921 - 820921	0613 - 1215	4.9	5.0	5.1	5.5	5.7	5.8
820921 - 820921	1216 - 1818	4.9	4.9	5.0	5.6	5.9	6.3
820921 - 820922	1819 - 0021	4.9	5.0	5.1	6.2	6.3	6.4
820922 - 820922	0022 - 0624	4.9	5.0	5.0	5.8	6.0	6.2
820922 - 820922	0625 - 1227	4.9	5.0	5.1	5.4	5.6	5.8
820922 - 820922	1228 - 1830	4.7	4.8	4.9	5.5	5.8	6.2
820922 - 820923	1831 - 0033	4.7	4.8	4.8	4.7	5.9	6.5
820923 - 820923	0034 - 0636	4.6	4.7	4.9	3.9	4.1	4.7
820923 - 820923	0637 - 1239	4.4	4.5	4.6	3.2	3.7	4.0
820923 - 820923	1240 - 1842	4.1	4.3	4.4	3.2	4.2	5.5
820923 - 820924	1843 - 0045	4.2	4.4	4.5	3.7	5.0	5.8
820924 - 820924	0046 - 0648	4.2	4.4	4.6	2.6	3.0	3.6
820924 - 820924	0649 - 1251	3.9	4.1	4.3	2.3	2.5	2.7
820924 - 820924	1252 - 1854	3.8	3.9	4.0	2.5	4.2	5.6
820924 - 820925	1855 - 0057	4.0	4.2	4.4	4.4	5.2	5.7

APPENDIX Table 4-2-78 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821002 - 821002	0222 - 0824	4.3	4.5	4.6	3.6	3.7	.8
821002 - 821002	0825 - 1427	4.1	4.3	4.3	3.6	3.7	4.4
821002 - 821002	1428 - 2030	4.2	4.4	4.6	4.3	5.2	5.6
821002 - 821003	2031 - 0233	4.6	4.7	4.8	3.9	4.6	5.4
821003 - 821003	0234 - 0836	4.3	4.5	4.7	3.4	3.7	4.0
821003 - 821003	0837 - 1439	4.1	4.2	4.4	3.4	3.6	4.4
821003 - 821003	1440 - 2042	4.1	4.3	4.5	4.3	5.0	5.3
821003 - 821004	2043 - 0245	4.5	4.6	4.6	3.4	4.2	5.1
821004 - 821004	0246 - 0848	4.0	4.3	4.5	2.5	2.9	3.5
821004 - 821004	0849 - 1451	3.5	3.8	4.1	2.3	2.5	2.9
821004 - 821004	1452 - 2054	3.5	3.6	3.9	2.9	4.1	4.7
821004 - 821005	2055 - 0257	3.9	4.0	4.1	2.6	3.1	4.1
821005 - 821005	0258 - 0900	3.5	3.7	3.9	2.5	2.7	2.7
821005 - 821005	0901 - 1503	3.3	3.5	3.5	2.3	2.5	2.9
821005 - 821005	1504 - 2106	3.3	3.4	3.6	2.9	3.7	4.1
821005 - 821006	2107 - 0309	3.5	3.6	3.8	2.2	2.8	3.7
821006 - 821006	0310 - 0912	3.2	3.3	3.5	2.0	2.1	2.4
821006 - 821006	0913 - 1515	2.9	3.1	3.2	2.0	2.5	3.3
821006 - 821006	1516 - 2118	3.0	3.3	3.6	3.1	3.9	4.4
821006 - 821007	2119 - 0321	3.6	3.6	3.7	3.0	3.3	3.7
821007 - 821007	0322 - 0924	3.4	3.5	3.6	2.7	2.9	3.0
821007 - 821007	0925 - 1527	3.3	3.4	3.5	2.7	2.9	3.1
821007 - 821007	1528 - 2130	3.3	3.5	3.7	3.1	3.7	4.1
821007 - 821008	2131 - 0333	3.6	3.7	3.7	2.8	3.3	3.7
821008 - 821008	0334 - 0936	3.4	3.5	3.7	2.7	2.9	3.1
821008 - 821008	0937 - 1539	3.4	3.5	3.5	2.8	3.2	3.9
821008 - 821008	1540 - 2142	3.4	3.7	3.9	3.6	4.1	4.5
821008 - 821009	2143 - 0345	3.5	3.8	3.9	2.0	2.8	3.6

APPENDIX Table 4-12-28 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821009 - 821009	0346 - 0948	3.2	3.3	3.5	2.1	2.4	2.8
821009 - 821009	0949 - 1551	3.2	3.2	3.3	2.6	3.1	3.8
821009 - 821009	1552 - 2154	3.3	3.6	3.8	3.7	4.1	4.3
821009 - 821010	2155 - 0357	3.7	3.8	3.9	3.2	3.4	3.7
821010 - 821010	0358 - 1000	3.5	3.7	3.7	3.1	3.2	3.3
821010 - 821010	1001 - 1603	3.5	3.6	3.7	3.1	3.5	4.1
821010 - 821010	1604 - 2206	3.6	3.8	4.0	3.3	3.8	4.2
821010 - 821011	2207 - 0409	3.6	3.8	3.9	2.9	3.1	3.4
821011 - 821011	0410 - 1012	3.5	3.5	3.7	2.7	2.8	3.0
821011 - 821011	1013 - 1615	3.3	3.4	3.5	2.6	3.0	3.4
821011 - 821011	1616 - 2218	3.3	3.5	3.5	1.9	3.1	3.7
821011 - 821012	2219 - 0421	3.2	3.3	3.5	2.0	2.6	2.9
821012 - 821012	0422 - 1024	3.0	3.0	3.2	2.0	2.4	2.7
821012 - 821012	1025 - 1627	2.9	3.0	3.1	2.4	2.8	3.2
821012 - 821012	1628 - 2230	3.1	3.3	3.4	3.2	3.4	3.5
821012 - 821013	2231 - 0433	3.3	3.4	3.5	2.5	3.0	3.4
821013 - 821013	0434 - 1036	3.2	3.3	3.3	2.4	2.7	3.1
821013 - 821013	1037 - 1639	3.1	3.2	3.3	2.6	2.9	3.1
821013 - 821013	1640 - 2242	3.2	3.3	3.4	2.8	3.0	3.3
821013 - 821014	2243 - 0445	3.2	3.3	3.3	2.6	2.8	2.9
821014 - 821014	0446 - 1048	3.1	3.2	3.3	2.4	2.6	2.8
821014 - 821014	1049 - 1651	3.0	3.1	3.2	2.4	2.9	3.4
821014 - 821014	1652 - 2254	3.1	3.3	3.5	2.5	3.3	3.8
821014 - 821015	2255 - 0457	3.1	3.3	3.5	2.3	2.4	2.6
821015 - 821015	0458 - 1100	3.0	3.1	3.2	2.3	2.4	2.7
821015 - 821015	1101 - 1703	3.0	3.0	3.1	2.5	2.9	3.3
821015 - 821015	1704 - 2306	3.0	3.1	3.2	2.4	2.8	3.2
821015 - 821016	2307 - 0509	3.0	3.1	3.2	2.4	2.6	3.0

APPENDIX Table 4-C-28 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821016 - 821016	0510 - 1112	3.0	3.1	3.2	2.7	2.9	3.1
821016 - 821016	1113 - 1715	3.1	3.1	3.2	2.7	2.9	3.1
821016 - 821016	1716 - 2318	3.1	3.1	3.2	2.7	2.8	3.0
821016 - 821017	2319 - 0521	3.0	3.1	3.2	2.2	2.6	2.9
821017 - 821017	0522 - 1124	3.0	3.1	3.2	2.8	3.0	3.2
821017 - 821017	1125 - 1727	3.1	3.3	3.5	3.0	3.4	3.8
821017 - 821017	1728 - 2330	3.4	3.5	3.6	2.7	3.2	3.8
821017 - 821018	2331 - 0533	3.2	3.4	3.5	2.4	2.6	2.8
821018 - 821018	0534 - 1136	3.1	3.2	3.3	2.3	2.5	2.7
821018 - 821018	1137 - 1739	3.0	3.1	3.2	2.6	3.1	3.4
821018 - 821018	1740 - 2342	3.2	3.3	3.3	2.7	2.9	3.3
821018 - 821019	2343 - 0545	3.2	3.3	3.3	2.7	2.9	3.0
821019 - 821019	0546 - 1148	3.1	3.2	3.3	2.1	2.6	3.0
821019 - 821019	1149 - 1751	2.9	3.0	3.1	2.3	2.8	3.2
821019 - 821019	1752 - 2354	3.0	3.2	3.3	2.8	3.0	3.3
821019 - 821020	2355 - 0557	3.2	3.3	3.4	2.5	2.8	3.0
821020 - 821020	0558 - 1200	3.1	3.2	3.3	2.6	2.7	2.9
821020 - 821020	1201 - 1803	3.1	3.2	3.3	2.7	3.1	3.5
821020 - 821021	1804 - 0006	3.2	3.3	3.4	2.6	2.8	3.2
821021 - 821021	0007 - 0609	3.1	3.2	3.3	2.6	2.7	2.8
821021 - 821021	0610 - 1212	3.1	3.1	3.2	2.6	2.7	2.8
821021 - 821021	1213 - 1815	3.0	3.1	3.1	2.7	2.9	3.2
821021 - 821022	1816 - 0018	3.0	3.2	3.2	2.3	2.6	3.0
821022 - 821022	0019 - 0621	2.9	3.0	3.1	2.2	2.4	2.6
821022 - 821022	0622 - 1224	2.7	2.8	2.9	2.0	2.3	2.6
821022 - 821022	1225 - 1827	2.6	2.8	3.1	2.5	3.1	3.4
821022 - 821023	1828 - 0030	3.1	3.3	3.4	2.5	2.9	3.3
821023 - 821023	0031 - 0633	3.1	3.2	3.2	2.5	2.8	3.0

APPENDIX Table 4-C-23 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821023 - 821023	0634 - 1236	3.0	3.2	3.3	2.4	2.7	2.9
821023 - 821023	1237 - 1839	2.9	3.0	3.2	2.7	3.0	3.2
821023 - 821024	1840 - 0042	3.1	3.2	3.3	2.7	2.8	3.2
821024 - 821024	0043 - 0645	3.0	3.2	3.2	2.6	2.7	2.8
821024 - 821024	0646 - 1248	3.0	3.1	3.1	2.6	2.8	2.9
821024 - 821024	1249 - 1851	3.0	3.1	3.4	2.9	3.2	3.6
821024 - 821025	1852 - 0054	3.3	3.5	3.5	2.5	2.9	3.1
821025 - 821025	0055 - 0657	2.8	3.1	3.4	2.2	2.4	2.7
821025 - 821025	0658 - 1300	2.7	2.8	2.9	2.2	2.6	3.0

(PENDING) Table 4-C-29 Datapod intragravel and surface water temperature (C) continuous record, at Slough 19, RM 140.0, Geocode S31N02W10DBA.

Note, that time periods are six hours and three minutes in duration; accordingly, daily minimum, maximum and mean values can not be directly calculated from this data.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820821 - 820821	0604 - 1206	2.9	2.9	3.0	3.3	3.5	4.0
820821 - 820821	1207 - 1809	2.8	2.9	2.9	3.3	3.6	5.0
820821 - 820822	1810 - 0012	2.8	2.9	3.0	5.0	7.0	7.7
820822 - 820822	0013 - 0615	2.9	3.0	3.1	4.1	5.4	6.7
820822 - 820822	0616 - 1218	3.0	3.0	3.0	3.3	3.5	4.1
820822 - 820822	1219 - 1821	2.8	2.9	2.9	3.3	3.5	4.9
820822 - 820823	1822 - 0024	2.8	2.9	3.0	4.8	6.6	7.2
820823 - 820823	0025 - 0627	2.9	3.0	3.0	4.5	5.3	6.5
820823 - 820823	0628 - 1230	3.0	3.0	3.0	4.1	4.2	4.5
820823 - 820823	1231 - 1833	2.9	3.0	3.0	4.1	4.8	5.5
820823 - 820824	1834 - 0036	2.9	3.0	3.1	5.4	6.1	6.4
820824 - 820824	0037 - 0639	3.0	3.0	3.1	4.1	4.8	5.8
820824 - 820824	0640 - 1242	3.0	3.0	3.0	3.8	3.9	4.1
820824 - 820824	1243 - 1845	2.9	3.0	3.0	3.9	4.6	6.1
820824 - 820825	1846 - 0048	2.9	3.0	3.1	6.1	6.7	7.3
820825 - 820825	0049 - 0651	3.0	3.1	3.1	4.5	5.3	6.4
820825 - 820825	0652 - 1254	3.0	3.1	3.1	4.1	4.3	4.5
820825 - 820825	1255 - 1857	3.0	3.0	3.1	4.2	5.1	6.2
820825 - 820826	1858 - 0100	3.0	3.0	3.1	6.2	6.9	7.7
820826 - 820826	0101 - 0703	3.1	3.1	3.1	4.4	5.2	6.4
820826 - 820826	0704 - 1306	3.0	3.0	3.1	4.0	4.2	4.4
820826 - 820826	1307 - 1909	2.9	3.0	3.0	4.1	5.2	6.4
820826 - 820827	1910 - 0112	2.9	3.0	3.1	6.0	7.3	8.0
820827 - 820827	0113 - 0715	3.0	3.1	3.1	3.8	4.8	6.0
820827 - 820827	0716 - 1318	3.0	3.0	3.1	3.0	3.3	3.7
820827 - 820827	1319 - 1921	2.9	2.9	3.0	3.1	3.9	6.4
820827 - 820828	1922 - 0124	2.9	2.9	3.0	5.6	6.9	7.6

APPENDIX Table 4-C-29 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820828 - 820828	0125 - 0727	3.0	3.0	3.1	3.6	4.5	5.6
820828 - 820828	0728 - 1330	3.0	3.0	3.0	3.4	3.5	3.8
820828 - 820828	1331 - 1933	2.9	2.9	3.0	3.7	4.3	5.4
820828 - 820829	1934 - 0136	2.9	3.0	3.0	5.4	6.0	6.4
820829 - 820829	0137 - 0739	3.0	3.0	3.0	4.2	4.7	5.6
820829 - 820829	0740 - 1342	3.0	3.0	3.0	3.9	4.0	4.2
820829 - 820829	1343 - 1945	2.9	3.0	3.0	4.1	4.8	5.4
820829 - 820830	1946 - 0148	2.9	3.0	3.0	5.0	5.4	5.7
820830 - 820830	0149 - 0751	2.9	3.0	3.0	4.2	4.5	5.0
820830 - 820830	0752 - 1354	3.0	3.0	3.0	4.1	4.1	4.1
820830 - 820830	1355 - 1957	2.9	3.0	3.0	4.1	4.4	4.7
820830 - 820831	1958 - 0200	2.9	2.9	3.0	4.4	4.7	4.9
820831 - 820831	0201 - 0803	2.9	3.0	3.0	3.8	4.0	4.3
820831 - 820831	0804 - 1406	2.9	2.9	2.9	3.7	3.8	4.0
820831 - 820831	1407 - 2009	2.8	2.9	2.9	4.0	4.6	5.5
820831 - 820901	2010 - 0212	2.9	2.9	3.0	4.5	5.3	5.9
820901 - 820901	0213 - 0815	2.9	2.9	2.9	3.7	4.0	4.5
820901 - 820901	0816 - 1418	2.8	2.9	2.9	3.6	3.7	4.1
820901 - 820901	1419 - 2021	2.8	2.9	3.0	4.1	5.2	6.0
820901 - 820902	2022 - 0224	3.0	3.1	3.2	4.4	5.3	6.0
820902 - 820902	0225 - 0827	3.0	3.1	3.1	3.5	3.8	4.4
820902 - 820902	0828 - 1430	2.9	3.0	3.1	3.4	3.5	3.9
820902 - 820902	1431 - 2033	2.8	2.9	2.9	4.0	5.1	6.4
820902 - 820903	2034 - 0236	2.9	3.0	3.0	4.5	5.7	6.6
820903 - 820903	0237 - 0839	3.0	3.0	3.0	3.9	4.1	4.5
820903 - 820903	0840 - 1442	2.9	2.9	3.0	3.7	3.8	4.0
820903 - 820903	1443 - 2045	2.9	2.9	3.0	4.0	4.6	5.6
820903 - 820904	2046 - 0248	2.9	2.9	3.0	4.3	5.1	5.7

Table 4-C-29 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820904 - 820904	0249 - 0851	2.9	2.9	3.0	3.6	3.9	4.3
820904 - 820904	0852 - 1454	2.9	2.9	2.9	3.6	3.7	4.0
820904 - 820904	1455 - 2057	2.9	2.9	3.0	4.0	5.0	5.8
820904 - 820905	2058 - 0300	2.9	3.0	3.0	4.2	5.1	6.1
820905 - 820905	0301 - 0903	2.9	3.0	3.0	3.4	3.6	4.2
820905 - 820905	0904 - 1506	2.9	2.9	2.9	3.4	3.6	4.1
820905 - 820905	1507 - 2109	2.9	2.9	3.0	4.1	4.9	5.8
820905 - 820906	2110 - 0312	2.9	3.0	3.0	4.2	4.9	5.8
820906 - 820906	0313 - 0915	3.0	3.0	3.0	3.7	3.9	4.2
820906 - 820906	0916 - 1518	2.9	3.0	3.0	3.6	3.8	4.1
820906 - 820906	1519 - 2121	2.9	3.0	3.0	4.2	4.8	5.1
820906 - 820907	2122 - 0324	2.9	3.0	3.1	4.2	4.7	5.1
820907 - 820907	0325 - 0927	3.0	3.0	3.1	3.9	4.0	4.2
820907 - 820907	0928 - 1530	2.9	3.0	3.1	3.8	4.2	5.2
820907 - 820907	1531 - 2133	3.0	3.0	3.1	5.3	6.3	7.2
820907 - 820908	2134 - 0336	3.1	3.2	3.2	4.8	5.6	6.7
820908 - 820908	0337 - 0939	3.1	3.2	3.2	4.1	4.4	4.8
820908 - 820908	0940 - 1542	3.1	3.1	3.2	4.0	4.1	4.5
820908 - 820908	1543 - 2145	3.1	3.1	3.2	4.5	5.3	5.6
820908 - 820909	2146 - 0348	3.1	3.1	3.2	4.5	5.0	5.5
820909 - 820909	0349 - 0951	3.1	3.1	3.2	4.0	4.2	4.5
820909 - 820909	0952 - 1554	3.0	3.1	3.1	3.9	4.0	4.4
820909 - 820909	1555 - 2157	3.0	3.1	3.1	4.4	5.3	6.2
820909 - 820910	2158 - 0400	3.1	3.1	3.2	4.1	4.6	5.4
820910 - 820910	0401 - 1003	3.1	3.1	3.1	3.6	3.8	4.1
820910 - 820910	1004 - 1606	3.0	3.1	3.1	3.6	3.9	4.4
820910 - 820910	1607 - 2209	3.0	3.1	3.1	4.4	4.9	5.3
820910 - 820911	2210 - 0412	3.0	3.1	3.1	3.8	4.3	5.0

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820911 - 820911	0413 - 1015	3.0	3.1	3.1	3.5	3.6	3.8
820911 - 820911	1016 - 1618	3.0	3.0	3.1	3.4	3.7	4.0
820911 - 820911	1619 - 2221	3.0	3.0	3.0	4.0	4.3	4.5
820911 - 820912	2222 - 0424	3.0	3.0	3.1	3.6	3.9	4.3
820912 - 820912	0425 - 1027	3.0	3.0	3.1	3.3	3.4	3.6
820912 - 820912	1028 - 1630	3.0	3.0	3.0	3.2	3.3	3.3
820912 - 820912	1631 - 2233	2.9	3.0	3.0	3.3	4.4	5.1
820912 - 820913	2234 - 0436	2.9	3.0	3.1	3.7	4.0	4.4
820913 - 820913	0437 - 1039	3.0	3.1	3.1	3.6	3.7	3.8
820913 - 820913	1040 - 1642	3.0	3.0	3.0	3.6	3.7	3.9
820913 - 820913	1643 - 2245	2.9	3.0	3.0	3.9	4.3	5.0
820913 - 820914	2246 - 0448	3.0	3.0	3.1	3.8	3.9	4.1
820914 - 820914	0449 - 1051	3.1	3.1	3.1	3.6	3.7	3.9
820914 - 820914	1052 - 1654	3.1	3.1	3.1	3.5	3.9	4.7
820914 - 820914	1655 - 2257	3.1	3.1	3.2	4.4	4.6	4.7
820914 - 820915	2258 - 0500	3.2	3.2	3.3	4.1	4.2	4.4
820915 - 820915	0501 - 1103	3.3	3.3	3.3	3.9	4.1	4.2
820915 - 820915	1104 - 1706	3.3	3.3	3.4	3.9	4.2	4.7
820915 - 820915	1707 - 2309	3.3	3.4	3.5	4.6	5.1	5.3
820915 - 820916	2310 - 0512	3.5	3.5	3.5	4.3	4.4	4.7
820916 - 820916	0513 - 1115	3.5	3.5	3.5	4.1	4.2	4.4
820916 - 820916	1116 - 1718	3.5	3.5	3.5	4.3	4.4	4.7
820916 - 820916	1719 - 2321	3.5	3.8	4.2	4.5	5.1	5.4
820916 - 820917	2322 - 0524	4.0	4.1	4.2	4.4	4.5	4.9
820917 - 820917	0525 - 1127	3.8	3.9	4.0	4.0	4.2	4.4
820917 - 820917	1128 - 1730	3.7	3.8	3.8	4.0	4.2	4.5
820917 - 820917	1731 - 2333	3.8	3.9	3.9	4.4	4.5	4.6
820917 - 820918	2334 - 0536	3.7	3.8	3.9	4.0	4.1	4.4

APPENDIX Table 4-C-29 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820918 - 820918	0537 - 1139	3.6	3.7	3.7	3.7	3.8	4.0
820918 - 820918	1140 - 1742	3.5	3.6	3.7	3.7	4.1	4.5
820918 - 820918	1743 - 2345	3.6	3.7	3.8	4.1	4.4	4.6
820918 - 820919	2346 - 0548	3.6	3.6	3.7	3.8	3.9	4.2
820919 - 820919	0549 - 1151	3.5	3.5	3.6	3.7	3.7	3.8
820919 - 820919	1152 - 1754	3.5	3.5	3.5	3.7	3.9	4.1
820919 - 820919	1755 - 2357	3.5	3.5	3.6	3.9	4.1	4.2
820919 - 820920	2358 - 0600	3.5	3.5	3.5	3.7	3.8	4.0
820920 - 820920	0601 - 1203	3.4	3.5	3.5	3.6	3.7	3.8
820920 - 820920	1204 - 1806	3.4	3.4	3.5	3.6	3.9	4.4
820920 - 820921	1807 - 0009	3.5	3.5	3.6	4.0	4.3	4.4
820921 - 820921	0010 - 0612	3.5	3.5	3.5	3.7	3.8	4.0
820921 - 820921	0613 - 1215	3.4	3.5	3.5	3.5	3.6	3.7
820921 - 820921	1216 - 1818	3.4	3.5	3.6	3.6	4.0	4.4
820921 - 820922	1819 - 0021	3.5	3.6	3.6	3.9	4.1	4.3
820922 - 820922	0022 - 0624	3.5	3.5	3.5	3.7	3.8	3.9
820922 - 820922	0625 - 1227	3.4	3.5	3.5	3.5	3.6	3.7
820922 - 820922	1228 - 1830	3.4	3.4	3.5	3.5	4.0	4.4
820922 - 820923	1831 - 0033	3.5	3.6	3.7	3.9	4.4	4.9
820923 - 820923	0034 - 0636	3.4	3.5	3.6	3.3	3.5	3.9
820923 - 820923	0637 - 1239	3.3	3.3	3.4	3.2	3.3	3.3
820923 - 820923	1240 - 1842	3.2	3.2	3.3	3.2	3.4	4.2
820923 - 820924	1843 - 0045	3.3	3.4	3.5	3.5	4.1	4.5
820924 - 820924	0046 - 0648	3.1	3.3	3.4	3.0	3.2	3.5
820924 - 820924	0649 - 1251	3.1	3.1	3.1	2.9	3.0	3.0
820924 - 820924	1252 - 1854	3.1	3.2	3.3	3.1	3.6	4.3
820924 - 820925	1855 - 0057	3.3	3.4	3.4	3.4	3.9	4.3

APPENDIX Table 4-C-29 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820925 - 820925	0058 - 0700	3.2	3.2	3.3	3.1	3.2	3.4
820925 - 820925	0701 - 1303	3.1	3.1	3.2	2.9	3.1	3.2
820925 - 820925	1304 - 1906	3.1	3.2	3.4	3.1	3.5	4.0
820925 - 820926	1907 - 0109	3.3	3.4	3.5	3.4	3.7	3.9
820926 - 820926	0110 - 0712	3.3	3.3	3.4	3.2	3.3	3.4
820926 - 820926	0713 - 1315	3.2	3.3	3.3	3.2	3.3	3.3
820926 - 820926	1316 - 1918	3.2	3.3	3.4	3.3	3.6	3.9
820926 - 820927	1919 - 0121	3.3	3.4	3.4	3.4	3.6	3.8
820927 - 820927	0122 - 0724	3.2	3.3	3.3	3.3	3.4	3.4
820927 - 820927	0725 - 1327	3.3	3.3	3.3	3.3	3.3	3.4
820927 - 820927	1328 - 1930	3.2	3.4	3.5	3.3	3.9	4.4
820927 - 820928	1931 - 0133	3.4	3.5	3.6	3.3	3.9	4.4
820928 - 820928	0134 - 0736	3.1	3.2	3.4	2.9	3.1	3.3
820928 - 820928	0737 - 1339	3.0	3.1	3.1	2.8	2.9	3.1
820928 - 820928	1340 - 1942	3.1	3.2	3.4	3.1	3.5	3.8
820928 - 820929	1943 - 0145	3.3	3.4	3.4	3.2	3.3	3.6
820929 - 820929	0146 - 0748	3.3	3.3	3.3	3.2	3.3	3.3
820929 - 820929	0749 - 1351	3.2	3.3	3.3	3.2	3.2	3.3
820929 - 820929	1352 - 1954	3.2	3.4	3.6	3.3	3.8	4.1
820929 - 820930	1955 - 0157	3.5	3.5	3.6	3.3	3.5	4.0
820930 - 820930	0158 - 0800	3.3	3.4	3.5	3.2	3.3	3.3
820930 - 820930	0801 - 1403	3.2	3.3	3.3	3.2	3.2	3.3
820930 - 820930	1404 - 2006	3.3	3.4	3.6	3.3	3.7	4.1
820930 - 821001	2007 - 0209	-----	-----	-----	3.5	3.7	3.9
821001 - 821001	0210 - 0812	-----	-----	-----	3.4	3.4	3.6
821001 - 821001	0813 - 1415	-----	-----	-----	3.3	3.3	3.5
821001 - 821001	1416 - 2018	-----	-----	-----	3.6	3.9	4.2
821001 - 821002	2019 - 0221	-----	-----	-----	3.2	3.6	4.1

APPENDIX Table 1-0-79 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821002 - 821002	0222 - 0824	-----	-----	-----	2.9	3.0	3.2
821002 - 821002	0825 - 1427	-----	-----	-----	2.9	3.0	3.3
821002 - 821002	1428 - 2030	-----	-----	-----	3.3	3.9	4.2
821002 - 821003	2031 - 0233	-----	-----	-----	3.1	3.5	4.1
821003 - 821003	0234 - 0836	-----	-----	-----	2.7	2.9	3.1
821003 - 821003	0837 - 1439	-----	-----	-----	2.7	2.9	3.3
821003 - 821003	1440 - 2042	-----	-----	-----	3.3	3.8	4.2
821003 - 821004	2043 - 0245	-----	-----	-----	3.0	3.4	3.9
821004 - 821004	0246 - 0848	-----	-----	-----	2.5	2.7	2.9
821004 - 821004	0849 - 1451	-----	-----	-----	2.4	2.5	2.8
821004 - 821004	1452 - 2054	-----	-----	-----	2.7	3.3	3.8
821004 - 821005	2055 - 0257	-----	-----	-----	2.4	2.9	3.5
821005 - 821005	0258 - 0900	-----	-----	-----	2.4	2.5	2.7
821005 - 821005	0901 - 1503	-----	-----	-----	2.3	2.5	3.2
821005 - 821005	1504 - 2106	-----	-----	-----	2.5	2.9	3.3
821005 - 821006	2107 - 0309	-----	-----	-----	2.3	2.6	3.3
821006 - 821006	0310 - 0912	-----	-----	-----	2.2	2.3	2.4
821006 - 821006	0913 - 1515	-----	-----	-----	2.2	2.4	2.7
821006 - 821006	1516 - 2118	-----	-----	-----	2.7	3.2	3.4
821006 - 821007	2119 - 0321	-----	-----	-----	2.4	2.6	3.0
821007 - 821007	0322 - 0924	-----	-----	-----	2.3	2.4	2.4
821007 - 821007	0925 - 1527	-----	-----	-----	2.3	2.4	2.6
821007 - 821007	1528 - 2130	-----	-----	-----	2.5	2.8	3.0
821007 - 821008	2131 - 0333	-----	-----	-----	2.3	2.5	2.6
821008 - 821008	0334 - 0936	-----	-----	-----	2.0	2.2	2.4
821008 - 821008	0937 - 1539	-----	-----	-----	1.8	2.3	3.1
821008 - 821008	1540 - 2142	-----	-----	-----	2.8	3.2	3.4
821008 - 821009	2143 - 0345	-----	-----	-----	2.3	2.5	2.8

Table 4-C-29 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821009 - 821009	0346 - 0948	-----	-----	-----	2.2	2.3	2.4
821009 - 821009	0949 - 1551	-----	-----	-----	2.2	2.5	3.0
821009 - 821009	1552 - 2154	-----	-----	-----	2.7	3.0	3.2
821009 - 821010	2155 - 0357	-----	-----	-----	2.4	2.5	2.7
821010 - 821010	0358 - 1000	-----	-----	-----	2.3	2.4	2.5
821010 - 821010	1001 - 1603	-----	-----	-----	2.2	2.5	2.8
821010 - 821010	1604 - 2206	-----	-----	-----	2.3	2.6	2.9
821010 - 821011	2207 - 0409	-----	-----	-----	2.3	2.4	2.5
821011 - 821011	0410 - 1012	-----	-----	-----	2.4	2.5	2.5
821011 - 821011	1013 - 1615	-----	-----	-----	2.4	2.7	3.1
821011 - 821011	1616 - 2218	-----	-----	-----	2.4	2.8	3.2
821011 - 821012	2219 - 0421	-----	-----	-----	2.2	2.3	2.4
821012 - 821012	0422 - 1024	-----	-----	-----	2.0	2.1	2.2
821012 - 821012	1025 - 1627	-----	-----	-----	2.0	2.3	2.7
821012 - 821012	1628 - 2230	-----	-----	-----	2.4	2.6	2.7
821012 - 821013	2231 - 0433	-----	-----	-----	1.5	2.1	2.4
821013 - 821013	0434 - 1036	-----	-----	-----	1.6	1.8	2.0
821013 - 821013	1037 - 1639	-----	-----	-----	2.0	2.4	2.9
821013 - 821013	1640 - 2242	-----	-----	-----	2.3	2.7	3.0
821013 - 821014	2243 - 0445	-----	-----	-----	2.0	2.1	2.4
821014 - 821014	0446 - 1048	-----	-----	-----	2.0	2.1	2.1
821014 - 821014	1049 - 1651	-----	-----	-----	2.1	2.7	3.6
821014 - 821014	1652 - 2254	-----	-----	-----	2.6	3.3	3.8
821014 - 821015	2255 - 0457	-----	-----	-----	2.5	2.6	2.7
821015 - 821015	0458 - 1100	-----	-----	-----	2.5	2.6	2.6
821015 - 821015	1101 - 1703	-----	-----	-----	2.5	3.0	3.3
821015 - 821015	1704 - 2306	-----	-----	-----	2.4	2.8	3.1
821015 - 821016	2307 - 0509	-----	-----	-----	2.3	2.5	2.7

Table 4-C-29 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821016 - 821016	0510 - 1112	-----	-----	-----	2.0	2.2	2.4
821016 - 821016	1113 - 1715	-----	-----	-----	2.0	2.1	2.2
821016 - 821016	1716 - 2318	-----	-----	-----	1.8	2.1	2.3
821016 - 821017	2319 - 0521	-----	-----	-----	1.8	1.8	1.9
821017 - 821017	0522 - 1124	-----	-----	-----	1.8	1.9	1.9
821017 - 821017	1125 - 1727	-----	-----	-----	1.9	2.5	3.1
821017 - 821017	1728 - 2330	-----	-----	-----	2.2	2.6	3.1
821017 - 821018	2331 - 0533	-----	-----	-----	2.1	2.3	2.4
821018 - 821018	0534 - 1136	-----	-----	-----	2.3	2.4	2.4
821018 - 821018	1137 - 1739	-----	-----	-----	2.3	2.6	2.9
821018 - 821018	1740 - 2342	-----	-----	-----	2.0	2.3	2.6
821018 - 821019	2343 - 0545	-----	-----	-----	1.6	1.8	2.0
821019 - 821019	0546 - 1148	-----	-----	-----	1.5	1.6	1.7
821019 - 821019	1149 - 1751	-----	-----	-----	1.5	1.8	2.2
821019 - 821019	1752 - 2354	-----	-----	-----	1.4	1.8	2.2
821019 - 821020	2355 - 0557	-----	-----	-----	1.4	1.5	1.6
821020 - 821020	0558 - 1200	-----	-----	-----	1.5	1.5	1.7
821020 - 821020	1201 - 1803	-----	-----	-----	1.7	2.0	2.3
821020 - 821021	1804 - 0006	-----	-----	-----	1.9	2.0	2.1
821021 - 821021	0007 - 0609	-----	-----	-----	1.9	2.1	2.2
821021 - 821021	0610 - 1212	-----	-----	-----	2.1	2.3	2.4
821021 - 821021	1213 - 1815	-----	-----	-----	2.0	2.3	2.4
821021 - 821022	1816 - 0018	-----	-----	-----	1.7	1.8	2.0
821022 - 821022	0019 - 0621	-----	-----	-----	1.7	1.7	1.8
821022 - 821022	0622 - 1224	-----	-----	-----	1.7	1.8	2.0
821022 - 821022	1225 - 1827	-----	-----	-----	2.0	2.1	2.3
821022 - 821023	1828 - 0030	-----	-----	-----	1.7	1.9	2.0
821023 - 821023	0031 - 0633	-----	-----	-----	1.9	2.0	2.2

Table 4-C-29 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821023 - 821023	0634 - 1236	-----	-----	-----	2.1	2.1	2.2
821023 - 821023	1237 - 1839	-----	-----	-----	2.0	2.1	2.2
821023 - 821024	1840 - 0042	-----	-----	-----	1.9	1.9	2.1
821024 - 821024	0043 - 0645	-----	-----	-----	2.0	2.0	2.1
821024 - 821024	0646 - 1248	-----	-----	-----	2.0	2.0	2.1
821024 - 821024	1249 - 1851	-----	-----	-----	2.1	2.3	2.4
821024 - 821025	1852 - 0054	-----	-----	-----	2.2	2.3	2.4
821025 - 821025	0055 - 0657	-----	-----	-----	2.2	2.3	2.4
821025 - 821025	0658 - 1300	-----	-----	-----	2.0	2.1	2.3

Table 4-C-30 Datapod intragravel and surface water temperature (C) continuous record, at Slough 21-Mouth, RM 141.8, Geocode S31N02W02AAB.
 Note, that time periods are six hours and three minutes in duration; accordingly, daily minimum, maximum and mean values can not be directly calculated from this data.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820917 - 820917	0604 - 1206	3.7	6.2	7.4	6.8	7.2	7.5
820917 - 820917	1207 - 1809	6.7	6.9	7.1	6.6	6.7	6.9
820917 - 820918	1810 - 0012	6.8	6.9	7.0	6.6	6.8	6.9
820918 - 820918	0013 - 0615	6.1	6.4	6.8	6.0	6.3	6.6
820918 - 820918	0616 - 1218	5.5	5.8	6.1	5.3	5.7	6.1
820918 - 820918	1219 - 1821	5.2	5.5	5.7	5.1	5.4	5.7
820918 - 820919	1822 - 0024	5.2	5.5	5.8	4.7	5.3	5.7
820919 - 820919	0025 - 0627	4.5	4.8	5.2	4.3	4.5	4.7
820919 - 820919	0628 - 1230	4.4	4.5	4.6	4.5	5.1	5.9
820919 - 820919	1231 - 1833	3.6	4.4	5.4	4.5	5.5	7.1
820919 - 820920	1834 - 0036	3.6	3.7	3.7	4.7	5.0	5.3
820920 - 820920	0037 - 0639	3.6	3.7	3.7	4.7	4.9	5.1
820920 - 820920	0640 - 1242	3.6	3.6	3.7	4.5	4.8	5.3
820920 - 820920	1243 - 1845	3.6	3.7	3.7	4.5	5.0	5.6
820920 - 820921	1846 - 0048	3.6	3.7	3.7	4.6	5.1	5.6
820921 - 820921	0049 - 0651	3.6	3.7	3.7	4.5	4.6	4.8
820921 - 820921	0652 - 1254	3.6	3.7	3.7	4.4	4.6	4.9
820921 - 820921	1255 - 1857	3.6	3.6	3.7	4.6	5.3	5.8
820921 - 820922	1858 - 0100	3.6	3.6	3.7	4.9	5.2	5.6
820922 - 820922	0101 - 0703	3.6	3.7	3.7	4.2	4.6	5.0
820922 - 820922	0704 - 1306	3.6	3.6	3.7	3.5	3.9	4.3
820922 - 820922	1307 - 1909	3.6	3.7	3.7	3.7	4.4	4.9
820922 - 820923	1910 - 0112	3.6	3.6	3.7	3.6	4.6	5.3
820923 - 820923	0113 - 0715	3.6	3.6	3.7	3.2	3.3	3.5
820923 - 820923	0716 - 1318	3.6	3.6	3.7	2.6	2.9	3.2
820923 - 820923	1319 - 1921	3.6	3.6	3.7	2.6	3.1	4.0
820923 - 820924	1922 - 0124	3.6	3.7	3.7	3.2	4.3	5.2

Table 4-1-30 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820924 - 820924	0125 - 0727	3.6	3.6	3.7	2.5	2.7	3.2
820924 - 820924	0728 - 1330	3.6	3.6	3.7	2.3	2.4	2.6
820924 - 820924	1331 - 1933	3.6	3.6	3.7	2.4	3.4	4.7
820924 - 820925	1934 - 0136	3.6	3.6	3.7	3.5	4.2	4.9
820925 - 820925	0137 - 0739	3.6	3.6	3.7	2.9	3.1	3.5
820925 - 820925	0740 - 1342	3.6	3.7	3.7	2.6	2.8	3.1
820925 - 820925	1343 - 1945	3.6	3.6	3.7	2.6	3.7	4.7
820925 - 820926	1946 - 0148	3.6	3.6	3.7	3.7	4.1	4.5
820926 - 820926	0149 - 0751	3.6	3.7	3.7	3.2	3.5	3.6
820926 - 820926	0752 - 1354	3.6	3.7	3.7	3.2	3.3	3.4
820926 - 820926	1355 - 1957	3.6	3.6	3.7	3.4	3.9	4.3
820926 - 820927	1958 - 0200	3.6	3.7	3.7	3.5	3.8	4.2
820927 - 820927	0201 - 0803	3.6	3.6	3.7	3.5	3.5	3.5
820927 - 820927	0804 - 1406	3.6	3.6	3.6	3.4	3.4	3.5
820927 - 820927	1407 - 2009	3.6	3.7	3.7	3.5	4.2	5.0
820927 - 820928	2010 - 0212	3.6	3.6	3.7	3.0	3.9	4.6
820928 - 820928	0213 - 0815	3.6	3.6	3.7	2.6	2.7	2.9
820928 - 820928	0816 - 1418	3.6	3.7	3.7	2.4	2.5	2.8
820928 - 820928	1419 - 2021	3.6	3.7	3.7	2.9	3.7	4.2
820928 - 820929	2022 - 0224	3.6	3.6	3.7	3.4	3.6	3.9
820929 - 820929	0225 - 0827	3.6	3.7	3.7	3.3	3.4	3.4
820929 - 820929	0828 - 1430	3.7	3.7	3.7	3.3	3.3	3.5
820929 - 820929	1431 - 2033	3.6	3.7	3.7	3.5	4.2	4.8
820929 - 820930	2034 - 0236	3.6	3.7	3.7	3.5	3.9	4.6
820930 - 820930	0237 - 0839	3.6	3.7	3.7	3.4	3.5	3.6
820930 - 820930	0840 - 1442	3.6	3.7	3.7	3.4	3.4	3.6
820930 - 820930	1443 - 2045	3.6	3.7	3.7	3.7	4.4	5.1
820930 - 821001	2046 - 0248	3.6	3.7	3.7	3.5	3.9	4.7

Table 4-C-30 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821001 - 821001	0249 - 0851	3.6	3.7	3.7	3.4	3.4	3.5
821001 - 821001	0852 - 1454	3.6	3.7	3.7	3.3	3.4	3.5
821001 - 821001	1455 - 2057	3.6	3.7	3.7	3.5	4.0	4.3
821001 - 821002	2058 - 0300	3.6	3.7	3.7	3.1	3.6	4.1
821002 - 821002	0301 - 0903	3.7	3.7	3.7	3.1	3.2	3.2
821002 - 821002	0904 - 1506	3.7	3.7	3.7	3.0	3.2	3.6
821002 - 821002	1507 - 2109	3.6	3.6	3.7	3.7	4.3	4.6
821002 - 821003	2110 - 0312	3.6	3.7	3.7	3.3	3.6	4.2
821003 - 821003	0313 - 0915	3.7	3.7	3.7	2.8	3.0	3.3
821003 - 821003	0916 - 1518	3.7	3.7	3.7	3.0	3.1	3.5
821003 - 821003	1519 - 2121	3.6	3.7	3.7	3.6	4.1	4.5
821003 - 821004	2122 - 0324	3.1	3.7	3.7	2.8	3.4	4.2
821004 - 821004	0325 - 0927	2.6	2.8	3.1	2.3	2.6	2.9
821004 - 821004	0928 - 1530	2.4	2.6	2.8	2.2	2.3	2.5
821004 - 821004	1531 - 2133	2.8	3.6	4.5	2.4	3.3	4.3
821004 - 821005	2134 - 0336	2.7	3.2	4.2	2.4	2.9	3.9
821005 - 821005	0337 - 0939	2.7	2.9	3.1	2.4	2.5	2.6
821005 - 821005	0940 - 1542	2.6	2.8	3.0	2.2	2.3	2.6
821005 - 821005	1543 - 2145	2.8	3.2	3.8	2.4	2.8	3.5
821005 - 821006	2146 - 0348	2.5	2.8	3.7	2.1	2.4	3.5
821006 - 821006	0349 - 0951	2.4	2.5	2.7	2.0	2.1	2.2
821006 - 821006	0952 - 1554	2.4	2.7	3.3	2.0	2.3	3.0
821006 - 821006	1555 - 2157	3.2	3.7	3.9	2.8	3.4	3.7
821006 - 821007	2158 - 0400	2.9	3.1	3.5	2.6	2.8	3.3
821007 - 821007	0401 - 1003	2.7	2.8	3.0	2.4	2.5	2.6
821007 - 821007	1004 - 1606	2.7	2.9	3.1	2.3	2.6	2.7
821007 - 821007	1607 - 2209	3.0	3.4	3.8	2.6	3.1	3.6
821007 - 821008	2210 - 0412	2.7	3.1	3.4	2.4	2.8	3.1

Table 4-30 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821008 - 821008	0413 - 1015	2.6	2.8	3.0	2.2	2.5	2.7
821008 - 821008	1016 - 1618	2.8	3.0	3.6	2.5	2.7	3.4
821008 - 821008	1619 - 2221	3.3	3.8	4.1	3.0	3.6	3.9
821008 - 821009	2222 - 0424	1.9	2.8	3.3	1.5	2.4	3.0
821009 - 821009	0425 - 1027	2.0	2.4	2.8	1.5	2.0	2.5
821009 - 821009	1028 - 1630	2.8	3.1	3.6	2.5	2.8	3.4
821009 - 821009	1631 - 2233	3.4	3.7	3.9	3.1	3.5	3.7
821009 - 821010	2234 - 0436	3.1	3.2	3.4	2.7	2.8	3.1
821010 - 821010	0437 - 1039	3.0	3.1	3.2	2.7	2.7	2.8
821010 - 821010	1040 - 1642	3.0	3.3	3.6	2.6	2.9	3.5
821010 - 821010	1643 - 2245	3.0	3.4	3.6	2.6	3.1	3.4
821010 - 821011	2246 - 0448	2.8	2.9	3.0	2.5	2.6	2.7
821011 - 821011	0449 - 1051	2.6	2.8	2.9	2.3	2.4	2.5
821011 - 821011	1052 - 1654	2.7	2.9	3.2	2.3	2.5	2.9
821011 - 821011	1655 - 2257	1.7	3.1	3.5	1.2	2.8	3.3
821011 - 821012	2258 - 0500	2.2	2.8	3.1	1.6	2.4	2.7
821012 - 821012	0501 - 1103	2.3	2.6	3.0	1.8	2.2	2.6
821012 - 821012	1104 - 1706	2.6	2.9	3.5	2.2	2.6	3.3
821012 - 821012	1707 - 2309	3.3	3.5	3.6	3.0	3.2	3.3
821012 - 821013	2310 - 0512	2.2	3.0	3.3	1.7	2.6	3.0
821013 - 821013	0513 - 1115	2.8	2.9	3.0	2.4	2.5	2.6
821013 - 821013	1116 - 1718	2.9	3.0	3.2	2.6	2.7	2.8
821013 - 821013	1719 - 2321	2.8	3.1	3.4	2.4	2.5	3.1
821013 - 821014	2322 - 0524	2.7	2.9	3.0	2.3	2.5	2.6
821014 - 821014	0525 - 1127	2.4	2.7	2.8	1.9	2.3	2.4
821014 - 821014	1128 - 1730	2.3	2.9	3.6	1.8	2.5	3.3
821014 - 821014	1731 - 2333	2.6	3.4	3.9	2.1	3.1	3.7
821014 - 821015	2334 - 0536	2.1	2.3	2.6	1.5	1.7	2.1

APPENDIX Table 4-C-50 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821015 - 821015	0537 - 1139	1.8	1.9	2.1	1.2	1.3	1.5
821015 - 821015	1140 - 1742	1.7	2.0	2.6	1.1	1.4	1.8
821015 - 821015	1743 - 2345	2.4	2.7	2.9	1.6	2.0	2.4
821015 - 821016	2346 - 0548	2.3	2.3	2.4	1.5	1.6	1.6
821016 - 821016	0549 - 1151	2.4	2.6	2.7	1.6	2.0	2.2
821016 - 821016	1152 - 1754	2.6	2.8	2.9	1.9	2.3	2.5
821016 - 821016	1755 - 2357	2.6	2.8	3.0	1.9	2.2	2.5
821016 - 821017	2358 - 0600	2.5	2.8	3.0	1.9	2.2	2.5
821017 - 821017	0601 - 1203	2.8	3.0	3.1	2.3	2.5	2.6
821017 - 821017	1204 - 1806	3.0	3.4	3.8	2.6	3.0	3.6
821017 - 821018	1807 - 0009	2.6	3.2	3.5	1.9	2.7	3.2
821018 - 821018	0010 - 0612	2.3	2.4	2.6	1.6	1.7	1.9
821018 - 821018	0613 - 1215	2.2	2.3	2.3	1.5	1.5	1.6
821018 - 821018	1216 - 1818	2.3	2.8	3.3	1.6	2.2	2.8
821018 - 821019	1819 - 0021	2.7	2.9	3.1	2.1	2.4	2.6
821019 - 821019	0022 - 0624	2.7	2.8	3.0	2.1	2.3	2.5
821019 - 821019	0625 - 1227	2.1	2.7	3.0	1.3	2.1	2.5
821019 - 821019	1228 - 1830	2.1	2.7	3.3	1.3	2.1	2.9
821019 - 821020	1831 - 0033	2.7	3.2	3.5	2.2	2.7	3.0
821020 - 821020	0034 - 0636	2.4	2.7	2.9	1.8	2.1	2.4
821020 - 821020	0637 - 1239	2.3	2.6	2.7	1.6	1.9	2.1
821020 - 821020	1240 - 1842	2.2	2.7	3.0	1.6	2.1	2.5
821020 - 821021	1843 - 0045	2.0	2.5	2.9	1.3	1.9	2.4
821021 - 821021	0046 - 0648	1.7	1.9	2.0	.9	1.1	1.2
821021 - 821021	0649 - 1251	1.7	1.8	1.9	.9	1.0	1.1
821021 - 821021	1252 - 1854	1.8	2.0	2.2	1.0	1.2	1.5
821021 - 821022	1855 - 0057	1.5	1.7	2.0	.6	.8	1.1

AS-7111, Table 4-C-30 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821022 - 821022	0058 - 0700	1.5	1.6	1.7	.6	.7	.8
821022 - 821022	0701 - 1303	1.5	1.7	1.9	.6	.8	1.0
821022 - 821022	1304 - 1906	1.8	2.1	2.3	.9	1.3	1.5
821022 - 821023	1907 - 0109	1.7	3.5	3.6	.9	1.2	1.4
821023 - 821023	0110 - 0712	3.6	3.6	3.6	.9	1.0	1.1
821023 - 821023	0713 - 1315	3.6	3.6	3.6	.9	.9	1.0
821023 - 821023	1316 - 1918	3.6	3.6	3.7	.8	1.0	1.2
821023 - 821024	1919 - 0121	3.6	3.6	3.6	.6	.9	1.1
821024 - 821024	0122 - 0724	3.6	3.6	3.7	.3	.5	.8
821024 - 821024	0725 - 1327	3.6	3.6	3.6	.8	1.1	1.2
821024 - 821024	1328 - 1930	3.6	3.6	3.7	1.1	1.4	1.9
821024 - 821025	1931 - 0133	3.6	3.6	3.7	.8	1.4	1.9
821025 - 821025	0134 - 0736	3.6	3.7	3.7	.7	.9	1.0
821025 - 821025	0737 - 1339	3.7	3.7	3.7	.8	1.1	1.3

Table 4-C-31 Datapod intragravel and surface water temperature (C) continuous record, at Slough 21-Upper, RM 142.0, Geocode S32N02W36CCC.
 Note, that time periods are six hours and three minutes in duration; accordingly, daily minimum, maximum and mean values can not be directly calculated from this data.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820821 - 820821	0604 - 1206	3.7	3.7	3.8	4.1	4.3	4.7
820821 - 820821	1207 - 1809	3.7	3.7	3.8	4.2	4.7	6.6
820821 - 820822	1810 - 0012	3.7	3.7	3.8	6.6	7.4	8.0
820822 - 820822	0013 - 0615	3.7	3.7	3.8	4.6	5.2	6.6
820822 - 820822	0616 - 1218	3.7	3.7	3.8	4.0	4.2	4.6
820822 - 820822	1219 - 1821	3.7	3.7	3.8	4.0	4.6	6.8
820822 - 820823	1822 - 0024	3.7	3.7	3.8	6.3	7.2	7.7
820823 - 820823	0025 - 0627	3.7	3.7	3.8	5.1	5.5	6.3
820823 - 820823	0628 - 1230	3.7	3.8	3.8	4.9	5.0	5.1
820823 - 820823	1231 - 1833	3.7	3.7	3.8	4.9	5.4	6.0
820823 - 820824	1834 - 0036	3.7	3.7	3.8	5.9	6.5	7.0
820824 - 820824	0037 - 0639	3.7	3.8	3.8	4.8	5.1	5.8
820824 - 820824	0640 - 1242	3.7	3.8	3.9	4.7	4.8	4.9
820824 - 820824	1243 - 1845	3.8	4.0	4.3	4.8	5.5	6.9
820824 - 820825	1846 - 0048	4.1	4.3	4.4	6.4	7.2	7.7
820825 - 820825	0049 - 0651	3.9	4.0	4.2	5.1	5.5	6.5
820825 - 820825	0652 - 1254	3.9	4.0	4.0	4.9	5.1	5.2
820825 - 820825	1255 - 1857	3.9	4.1	4.3	5.0	6.0	7.0
820825 - 820826	1858 - 0100	4.2	4.4	4.6	6.1	7.4	8.2
820826 - 820826	0101 - 0703	4.0	4.1	4.2	5.1	5.5	6.1
820826 - 820826	0704 - 1306	4.0	4.0	4.1	5.0	5.1	5.2
820826 - 820826	1307 - 1909	3.9	4.2	4.5	5.1	6.2	7.7
820826 - 820827	1910 - 0112	4.2	4.4	4.6	6.1	7.6	8.4
820827 - 820827	0113 - 0715	3.9	4.0	4.2	4.5	5.1	6.0
820827 - 820827	0716 - 1318	3.8	3.9	4.0	4.0	4.2	4.5
820827 - 820827	1319 - 1921	3.8	4.0	4.4	4.1	5.3	7.6
820827 - 820828	1922 - 0124	4.1	4.3	4.6	5.6	7.4	8.4

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Table 4-C-31 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820828 - 820828	0125 - 0727	3.8	4.0	4.1	4.4	4.8	5.6
820828 - 820828	0728 - 1330	3.8	3.9	3.9	4.3	4.5	4.7
820828 - 820828	1331 - 1933	3.8	4.0	4.2	4.7	5.3	6.4
820828 - 820829	1934 - 0136	4.1	4.2	4.3	5.7	6.5	7.2
820829 - 820829	0137 - 0739	3.9	4.0	4.1	4.8	5.0	5.6
820829 - 820829	0740 - 1342	3.8	3.9	4.0	4.7	4.7	4.9
820829 - 820829	1343 - 1945	3.9	4.0	4.2	4.9	5.6	6.3
820829 - 820830	1946 - 0148	4.0	4.1	4.2	5.3	6.0	6.3
820830 - 820830	0149 - 0751	3.9	4.0	4.0	4.8	5.0	5.2
820830 - 820830	0752 - 1354	3.9	4.0	4.0	4.8	4.9	4.9
820830 - 820830	1355 - 1957	3.9	4.0	4.1	4.9	5.3	5.5
820830 - 820831	1958 - 0200	3.9	4.0	4.1	5.0	5.5	5.6
820831 - 820831	0201 - 0803	3.8	3.9	4.0	4.7	4.8	5.0
820831 - 820831	0804 - 1406	3.9	3.9	4.0	4.6	4.7	4.9
820831 - 820831	1407 - 2009	3.9	4.0	4.2	4.9	5.6	6.6
820831 - 820901	2010 - 0212	3.9	4.1	4.3	4.9	6.1	6.8
820901 - 820901	0213 - 0815	3.9	3.9	4.0	4.7	4.8	5.0
820901 - 820901	0816 - 1418	3.8	3.9	4.0	4.7	4.8	5.3
820901 - 820901	1419 - 2021	4.0	4.2	4.3	5.3	6.3	7.0
820901 - 820902	2022 - 0224	3.9	4.1	4.3	4.8	6.0	7.0
820902 - 820902	0225 - 0827	3.9	3.9	4.0	4.6	4.7	4.8
820902 - 820902	0828 - 1430	3.8	3.9	3.9	4.5	4.6	4.8
820902 - 820902	1431 - 2033	3.9	4.1	4.3	4.9	6.1	7.2
820902 - 820903	2034 - 0236	4.0	4.1	4.3	5.2	6.2	7.1
820903 - 820903	0237 - 0839	3.9	4.0	4.0	4.8	4.9	5.2
820903 - 820903	0840 - 1442	3.9	3.9	3.9	4.7	4.8	4.9
820903 - 820903	1443 - 2045	3.9	4.0	4.1	4.9	5.5	6.5
820903 - 820904	2046 - 0248	3.8	4.0	4.1	4.7	5.6	6.5

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APPE 1677 Table 4-2-31 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820904 - 820904	0249 - 0851	3.8	3.9	3.9	4.4	4.5	4.7
820904 - 820904	0852 - 1454	3.8	3.9	3.9	4.3	4.5	4.8
820904 - 820904	1455 - 2057	3.8	4.0	4.1	4.8	5.7	6.8
820904 - 820905	2058 - 0300	3.8	4.0	4.1	4.6	5.6	6.8
820905 - 820905	0301 - 0903	3.8	3.9	3.9	4.1	4.3	4.6
820905 - 820905	0904 - 1506	3.8	3.9	3.9	4.3	4.5	5.0
820905 - 820905	1507 - 2109	3.8	3.9	4.1	5.0	5.6	6.4
820905 - 820906	2110 - 0312	3.9	4.0	4.1	4.9	5.5	6.4
820906 - 820906	0313 - 0915	3.9	3.9	3.9	4.7	4.8	5.0
820906 - 820906	0916 - 1518	3.8	3.9	3.9	4.6	4.7	4.9
820906 - 820906	1519 - 2121	3.9	3.9	4.0	4.9	5.5	5.9
820906 - 820907	2122 - 0324	3.8	3.9	4.0	4.5	5.1	5.7
820907 - 820907	0325 - 0927	3.8	3.8	3.9	4.5	4.5	4.6
820907 - 820907	0928 - 1530	3.8	3.8	4.0	4.5	4.7	5.6
820907 - 820907	1531 - 2133	3.9	4.0	4.1	5.7	6.5	7.3
820907 - 820908	2134 - 0336	3.9	3.9	4.1	4.8	5.4	6.8
820908 - 820908	0337 - 0939	3.8	3.9	3.9	4.6	4.7	4.8
820908 - 820908	0940 - 1542	3.8	3.9	3.9	4.5	4.7	5.1
820908 - 820908	1543 - 2145	3.9	3.9	4.0	5.1	5.7	6.0
820908 - 820909	2146 - 0348	3.8	3.9	4.0	4.7	5.0	5.6
820909 - 820909	0349 - 0951	3.8	3.9	3.9	4.6	4.6	4.7
820909 - 820909	0952 - 1554	3.8	3.9	3.9	4.6	4.7	5.0
820909 - 820909	1555 - 2157	3.9	4.0	4.1	5.1	5.9	6.6
820909 - 820910	2158 - 0400	3.8	3.9	4.0	4.5	5.0	5.9
820910 - 820910	0401 - 1003	3.8	3.9	3.9	4.4	4.5	4.6
820910 - 820910	1004 - 1606	3.8	3.8	3.9	4.3	4.6	5.4
820910 - 820910	1607 - 2209	3.9	3.9	4.0	5.4	5.9	6.3
820910 - 820911	2210 - 0412	3.8	3.9	3.9	4.4	4.8	5.7

Table 4-C-3) Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820911 - 820911	0413 - 1015	3.8	3.9	3.9	4.2	4.3	4.4
820911 - 820911	1016 - 1618	3.8	3.8	3.9	4.2	4.4	4.7
820911 - 820911	1619 - 2221	3.8	3.8	3.9	4.7	4.9	5.1
820911 - 820912	2222 - 0424	3.8	3.8	3.9	4.2	4.5	4.9
820912 - 820912	0425 - 1027	3.8	3.8	3.9	3.8	4.1	4.2
820912 - 820912	1028 - 1630	3.7	3.8	3.9	3.6	3.6	3.9
820912 - 820912	1631 - 2233	3.7	3.8	3.9	3.9	5.3	6.1
820912 - 820913	2234 - 0436	3.8	3.8	3.9	4.3	4.5	5.1
820913 - 820913	0437 - 1039	3.8	3.8	3.8	4.2	4.3	4.3
820913 - 820913	1040 - 1642	3.8	3.8	3.9	4.2	4.3	4.6
820913 - 820913	1643 - 2245	3.8	3.8	3.9	4.7	5.1	5.7
820913 - 820914	2246 - 0448	3.8	3.9	3.9	4.6	4.7	4.9
820914 - 820914	0449 - 1051	3.8	3.9	3.9	4.5	4.6	4.7
820914 - 820914	1052 - 1654	3.8	3.8	3.9	4.5	4.7	5.6
820914 - 820914	1655 - 2257	3.8	3.8	3.9	5.0	5.3	5.6
820914 - 820915	2258 - 0500	3.8	3.8	3.9	4.8	4.9	5.1
820915 - 820915	0501 - 1103	3.9	3.9	3.9	4.8	4.8	4.9
820915 - 820915	1104 - 1706	3.8	5.0	5.8	4.9	6.5	7.4
820915 - 820915	1707 - 2309	5.6	5.8	6.0	7.4	7.6	7.8
820915 - 820916	2310 - 0512	5.8	6.0	6.2	7.7	8.0	8.2
820916 - 820916	0513 - 1115	5.9	6.1	6.3	8.0	8.1	8.3
820916 - 820916	1116 - 1718	5.6	6.2	6.9	7.8	7.9	8.1
820916 - 820916	1719 - 2321	6.8	7.3	7.5	7.8	7.9	8.0
820916 - 820917	2322 - 0524	7.2	7.4	7.5	7.8	7.8	7.9
820917 - 820917	0525 - 1127	6.0	6.9	7.4	7.2	7.5	7.8
820917 - 820917	1128 - 1730	5.8	6.6	6.9	7.0	7.1	7.3
820917 - 820917	1731 - 2333	5.8	6.3	6.5	7.0	7.2	7.3
820917 - 820918	2334 - 0536	5.3	5.6	5.9	6.6	6.8	7.0

14-07-12 Table 4-C-31 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820918 - 820918	0537 - 1139	4.6	5.0	5.3	5.6	6.1	6.6
820918 - 820918	1140 - 1742	4.5	4.6	4.8	5.4	5.7	6.2
820918 - 820918	1743 - 2345	4.4	4.6	4.8	5.2	5.7	6.2
820918 - 820919	2346 - 0548	4.1	4.3	4.4	4.6	4.8	5.2
820919 - 820919	0549 - 1151	4.0	4.1	4.1	4.3	4.5	4.6
820919 - 820919	1152 - 1754	4.0	4.2	4.3	4.4	4.7	5.0
820919 - 820919	1755 - 2357	4.2	4.3	4.4	4.8	5.0	5.1
820919 - 820920	2358 - 0600	4.1	4.1	4.2	4.4	4.5	4.8
820920 - 820920	0601 - 1203	4.0	4.1	4.1	4.3	4.3	4.5
820920 - 820920	1204 - 1806	4.0	4.2	4.5	4.3	4.8	5.4
820920 - 820921	1807 - 0009	4.2	4.4	4.5	4.7	5.1	5.4
820921 - 820921	0010 - 0612	4.0	4.1	4.2	4.3	4.5	4.7
820921 - 820921	0613 - 1215	3.9	4.0	4.1	4.1	4.2	4.3
820921 - 820921	1216 - 1818	4.0	4.2	4.4	4.1	4.7	5.3
820921 - 820922	1819 - 0021	4.1	4.3	4.4	4.6	4.9	5.1
820922 - 820922	0022 - 0624	4.0	4.1	4.2	4.2	4.4	4.6
820922 - 820922	0625 - 1227	3.8	3.9	4.0	3.8	4.0	4.2
820922 - 820922	1228 - 1830	3.9	4.2	4.4	3.9	4.6	5.1
820922 - 820923	1831 - 0033	3.9	4.3	4.5	4.1	4.9	5.5
820923 - 820923	0034 - 0636	3.7	3.8	4.0	3.5	3.7	4.0
820923 - 820923	0637 - 1239	3.5	3.6	3.8	2.9	3.2	3.5
820923 - 820923	1240 - 1842	3.5	3.8	4.4	3.0	3.6	5.1
820923 - 820924	1843 - 0045	3.8	4.2	4.4	3.6	4.6	5.2
820924 - 820924	0046 - 0648	3.5	3.6	3.8	2.8	3.1	3.6
820924 - 820924	0649 - 1251	3.3	3.4	3.5	2.6	2.7	2.8
820924 - 820924	1252 - 1854	3.4	3.8	4.4	2.7	3.8	5.0
820924 - 820925	1855 - 0057	3.8	4.1	4.3	3.8	4.3	4.9

Table 4.2.8) Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
820925 - 820925	0058 - 0700	3.6	3.7	3.9	3.2	3.4	3.8
820925 - 820925	0701 - 1303	3.4	3.5	3.7	2.7	3.0	3.3
820925 - 820925	1304 - 1906	3.5	3.9	4.2	2.9	3.9	4.6
820925 - 820926	1907 - 0109	3.9	4.0	4.2	3.9	4.2	4.6
820926 - 820926	0110 - 0712	3.7	3.8	3.9	3.5	3.7	3.9
820926 - 820926	0713 - 1315	3.7	3.7	3.8	3.5	3.5	3.6
820926 - 820926	1316 - 1918	3.8	4.0	4.1	3.6	4.0	4.3
820926 - 820927	1919 - 0121	3.8	4.0	4.1	3.8	4.0	4.3
820927 - 820927	0122 - 0724	3.8	3.9	3.9	3.6	3.7	3.8
820927 - 820927	0725 - 1327	3.8	3.8	3.9	3.6	3.6	3.7
820927 - 820927	1328 - 1930	3.8	4.1	4.3	3.7	4.3	4.8
820927 - 820928	1931 - 0133	3.7	3.9	4.2	3.3	4.0	4.6
820928 - 820928	0134 - 0736	3.5	3.5	3.7	2.8	3.0	3.3
820928 - 820928	0737 - 1339	3.5	3.5	3.6	2.6	2.8	3.2
820928 - 820928	1340 - 1942	3.6	3.9	4.0	3.2	3.8	4.1
820928 - 820929	1943 - 0145	3.8	3.8	3.9	3.6	3.7	3.9
820929 - 820929	0146 - 0748	3.7	3.8	3.8	3.4	3.5	3.6
820929 - 820929	0749 - 1351	3.7	3.7	3.8	3.4	3.5	3.6
820929 - 820929	1352 - 1954	3.8	4.0	4.2	3.6	4.2	4.6
820929 - 820930	1955 - 0157	3.9	4.0	4.1	3.8	4.0	4.5
820930 - 820930	0158 - 0800	3.8	3.9	3.9	3.6	3.7	3.8
820930 - 820930	0801 - 1403	3.8	3.8	3.9	3.5	3.6	3.8
820930 - 820930	1404 - 2006	3.9	4.1	4.3	3.7	4.4	4.9
820930 - 821001	2007 - 0209	3.9	4.0	4.2	3.8	4.1	4.6
821001 - 821001	0210 - 0812	3.8	3.8	3.9	3.6	3.6	3.8
821001 - 821001	0813 - 1415	3.8	3.8	3.9	3.5	3.6	3.8
821001 - 821001	1416 - 2018	3.9	4.0	4.1	3.8	4.1	4.3
821001 - 821002	2019 - 0221	3.8	3.9	4.1	3.5	3.7	4.2

Table 4-0-3) Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821002 - 821002	0222 - 0824	3.7	3.7	3.8	3.3	3.4	3.5
821002 - 821002	0825 - 1427	3.7	3.8	3.9	3.3	3.4	3.8
821002 - 821002	1428 - 2030	3.9	4.1	4.2	3.8	4.3	4.6
821002 - 821003	2031 - 0233	3.8	3.9	4.1	3.6	3.8	4.3
821003 - 821003	0234 - 0836	3.6	3.7	3.8	3.1	3.3	3.6
821003 - 821003	0837 - 1439	3.7	3.7	3.9	3.2	3.4	3.8
821003 - 821003	1440 - 2042	3.9	4.1	4.2	3.8	4.2	4.6
821003 - 821004	2043 - 0245	3.7	3.8	4.0	3.3	3.6	4.1
821004 - 821004	0246 - 0848	3.5	3.6	3.7	2.6	2.9	3.3
821004 - 821004	0849 - 1451	3.5	3.5	3.6	2.5	2.6	2.8
821004 - 821004	1452 - 2054	3.5	3.9	4.1	2.8	3.7	4.4
821004 - 821005	2055 - 0257	3.5	3.6	3.9	2.8	3.1	3.8
821005 - 821005	0258 - 0900	3.5	3.5	3.6	2.7	2.8	2.9
821005 - 821005	0901 - 1503	3.4	3.5	3.5	2.5	2.6	2.8
821005 - 821005	1504 - 2106	3.5	3.7	3.9	2.7	3.4	3.9
821005 - 821006	2107 - 0309	3.5	3.5	3.8	2.6	2.8	3.4
821006 - 821006	0310 - 0912	3.4	3.4	3.5	2.4	2.5	2.7
821006 - 821006	0913 - 1515	3.4	3.5	3.7	2.4	2.7	3.3
821006 - 821006	1516 - 2118	3.7	3.8	3.9	3.2	3.6	3.9
821006 - 821007	2119 - 0321	3.6	3.7	3.7	2.8	3.0	3.3
821007 - 821007	0322 - 0924	3.5	3.5	3.6	2.7	2.8	2.9
821007 - 821007	0925 - 1527	3.5	3.6	3.6	2.8	2.9	3.0
821007 - 821007	1528 - 2130	3.5	3.7	3.8	2.9	3.3	3.6
821007 - 821008	2131 - 0333	3.5	3.6	3.7	2.7	3.0	3.2
821008 - 821008	0334 - 0936	3.5	3.5	3.6	2.7	2.8	3.0
821008 - 821008	0937 - 1539	3.5	3.6	3.9	2.8	3.1	3.6
821008 - 821008	1540 - 2142	3.7	3.8	3.9	3.2	3.6	3.9
821008 - 821009	2143 - 0345	3.4	3.5	3.8	2.2	2.8	3.3

APPENDIX Table 4-C-3) Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821009 - 821009	0346 - 0948	3.3	3.5	3.6	2.3	2.6	2.9
821009 - 821009	0949 - 1551	3.5	3.6	3.8	2.8	3.1	3.6
821009 - 821009	1552 - 2154	3.7	3.8	3.9	3.3	3.6	3.8
821009 - 821010	2155 - 0357	3.6	3.6	3.7	3.0	3.1	3.2
821010 - 821010	0358 - 1000	3.5	3.6	3.6	3.0	3.0	3.0
821010 - 821010	1001 - 1603	3.5	3.7	3.8	2.9	3.2	3.6
821010 - 821010	1604 - 2206	3.6	3.7	3.9	3.0	3.4	3.6
821010 - 821011	2207 - 0409	3.5	3.6	3.7	2.8	2.9	3.0
821011 - 821011	0410 - 1012	3.5	3.5	3.6	2.7	2.8	2.8
821011 - 821011	1013 - 1615	3.5	3.6	3.8	2.7	2.9	3.3
821011 - 821011	1616 - 2218	3.3	3.7	3.8	2.1	3.1	3.5
821011 - 821012	2219 - 0421	3.5	3.5	3.6	2.6	2.8	3.0
821012 - 821012	0422 - 1024	3.4	3.5	3.6	2.5	2.7	2.9
821012 - 821012	1025 - 1627	3.5	3.6	3.8	2.7	3.0	3.4
821012 - 821012	1628 - 2230	3.6	3.7	3.8	3.1	3.3	3.4
821012 - 821013	2231 - 0433	3.5	3.6	3.7	2.5	3.0	3.2
821013 - 821013	0434 - 1036	3.5	3.5	3.6	2.8	2.9	2.9
821013 - 821013	1037 - 1639	3.5	3.6	3.7	2.9	3.0	3.2
821013 - 821013	1640 - 2242	3.5	3.6	3.7	2.8	3.1	3.3
821013 - 821014	2243 - 0445	3.5	3.6	3.6	2.7	2.9	2.9
821014 - 821014	0446 - 1048	3.5	3.6	3.6	2.5	2.7	2.8
821014 - 821014	1049 - 1651	3.5	3.6	3.8	2.5	3.0	3.6
821014 - 821014	1652 - 2254	3.5	3.7	3.9	2.7	3.3	3.7
821014 - 821015	2255 - 0457	3.5	3.5	3.5	2.4	2.5	2.7
821015 - 821015	0458 - 1100	3.4	3.5	3.5	2.3	2.4	2.4
821015 - 821015	1101 - 1703	3.4	3.5	3.6	2.3	2.5	2.7
821015 - 821015	1704 - 2306	3.5	3.6	3.7	2.5	2.8	3.2
821015 - 821016	2307 - 0509	3.5	3.5	3.5	2.4	2.5	2.6

4-C-154

4-25-16 Table 4-C-31 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821016 - 821016	0510 - 1112	3.5	3.5	3.6	2.6	2.7	2.8
821016 - 821016	1113 - 1715	3.5	3.6	3.7	2.7	2.8	3.0
821016 - 821016	1716 - 2318	3.5	3.6	3.7	2.7	2.8	2.9
821016 - 821017	2319 - 0521	3.5	3.5	3.6	2.6	2.8	2.9
821017 - 821017	0522 - 1124	3.5	3.6	3.7	2.8	2.9	3.0
821017 - 821017	1125 - 1727	3.6	3.8	3.9	2.9	3.3	3.7
821017 - 821017	1728 - 2330	3.5	3.7	3.8	2.6	3.1	3.5
821017 - 821018	2331 - 0533	3.5	3.5	3.5	2.5	2.5	2.7
821018 - 821018	0534 - 1136	3.5	3.5	3.6	2.4	2.5	2.6
821018 - 821018	1137 - 1739	3.5	3.6	3.7	2.5	2.9	3.3
821018 - 821018	1740 - 2342	3.5	3.6	3.7	2.7	2.9	3.2
821018 - 821019	2343 - 0545	3.5	3.6	3.6	2.7	2.8	2.9
821019 - 821019	0546 - 1148	3.4	3.6	3.7	2.3	2.7	2.9
821019 - 821019	1149 - 1751	3.5	3.6	3.7	2.4	2.8	3.2
821019 - 821019	1752 - 2354	3.5	3.6	3.8	2.7	3.0	3.2
821019 - 821020	2355 - 0557	3.5	3.5	3.6	2.5	2.7	2.9
821020 - 821020	0558 - 1200	3.4	3.5	3.5	2.5	2.7	2.7
821020 - 821020	1201 - 1803	3.5	3.5	3.6	2.6	2.8	3.0
821020 - 821021	1804 - 0006	3.4	3.5	3.6	2.3	2.7	3.0
821021 - 821021	0007 - 0609	3.3	3.4	3.5	2.2	2.3	2.5
821021 - 821021	0610 - 1212	3.3	3.4	3.5	2.2	2.3	2.4
821021 - 821021	1213 - 1815	3.4	3.5	3.5	2.3	2.5	2.6
821021 - 821022	1816 - 0018	3.4	3.5	3.5	2.1	2.3	2.5
821022 - 821022	0019 - 0621	3.4	3.5	3.5	2.1	2.2	2.3
821022 - 821022	0622 - 1224	3.4	3.5	3.5	2.1	2.3	2.4
821022 - 821022	1225 - 1827	3.5	3.5	3.6	2.3	2.5	2.7
821022 - 821023	1828 - 0030	3.4	3.5	3.5	2.2	2.4	2.6
821023 - 821023	0031 - 0633	3.3	3.5	3.5	2.1	2.3	2.5

Table 4-C-31 Cont.

DATE PERIOD	TIME PERIOD	INTRAGRAVEL			SURFACE WATER		
		MIN	MEAN	MAX	MIN	MEAN	MAX
821023 - 821023	0634 - 1236	3.3	3.5	3.5	2.1	2.3	2.5
821023 - 821023	1237 - 1839	3.4	3.5	3.5	2.2	2.4	2.5
821023 - 821024	1840 - 0042	3.4	3.4	3.5	2.1	2.3	2.4
821024 - 821024	0043 - 0645	3.3	3.4	3.5	1.9	2.1	2.4
821024 - 821024	0646 - 1248	3.4	3.5	3.5	2.2	2.4	2.6
821024 - 821024	1249 - 1851	3.4	3.5	3.6	2.4	2.6	2.7
821024 - 821025	1852 - 0054	3.3	3.4	3.5	2.0	2.4	2.7
821025 - 821025	0055 - 0657	3.3	3.4	3.5	2.0	2.3	2.4
821025 - 821025	0658 - 1300	3.4	3.4	3.5	2.1	2.3	2.5

Table 4-C-32 Mean intragravel and surface water temperature (C) datapod data summary, at Slough 8A-Mouth, RM 125.4, Geocode S30N03W30BCD. A two part linear equation interpolation method was used in order to "correct" readings from actual six hour and three minute time intervals to six hour intervals.

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600							6.8	11.4
0601 - 1200							6.8	10.2
1201 - 1800							6.8	9.9
1801 - 2400							6.8	11.7
DAILY VALUE							6.8	10.8
0001 - 0600							6.8	11.4
0601 - 1200							6.8	10.0
1201 - 1800							6.8	10.1
1801 - 2400							6.9	12.8
DAILY VALUE							6.8	11.1
0001 - 0600							7.0	12.3
0601 - 1200							6.9	9.9
1201 - 1800							6.7	9.7
1801 - 2400							6.8	12.4
DAILY VALUE							6.8	11.1
0001 - 0600							6.8	12.0
0601 - 1200							6.7	9.7
1201 - 1800							6.7	9.0
1801 - 2400							6.7	10.4
DAILY VALUE							6.7	10.2
0001 - 0600							6.7	10.5
0601 - 1200							6.6	9.4
1201 - 1800							6.6	9.1
1801 - 2400					6.6	13.6	6.6	9.7
DAILY VALUE							6.6	9.7
0001 - 0600					6.8	11.7	6.6	9.6
0601 - 1200					6.7	9.1	6.6	9.0
1201 - 1800					6.6	9.7	6.5	8.6
1801 - 2400					6.7	13.6	6.5	8.7
DAILY VALUE					6.7	11.0	6.5	9.0
0001 - 0600					6.8	12.0	6.6	8.6
0601 - 1200					6.7	10.5	6.6	8.2
1201 - 1800					6.6	10.4	6.6	8.1
1801 - 2400					6.7	12.0	6.6	8.7
DAILY VALUE					6.7	11.2	6.6	8.4
0001 - 0600					6.7	11.1		
0601 - 1200					6.6	9.8	MONTHLY VALUE	
1201 - 1800					6.6	10.1		
1801 - 2400					6.7	12.0		
DAILY VALUE					6.6	10.7		

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0500	6.6	8.9	6.3	8.4	6.0	7.8	6.1	4.7
0601 - 1200	6.6	8.5	6.3	8.0	6.0	7.1	6.2	4.0
1201 - 1800	6.6	8.4	6.3	7.7	6.0	6.9	6.2	4.1
1801 - 2400	6.6	9.2	6.3	8.0	6.0	6.7	6.2	4.7
DAILY VALUE	6.6	8.8	6.3	8.0	6.0	7.1	6.2	4.4
0001 - 0600	6.7	9.4	6.3	8.3	5.9	6.7	6.3	4.9
0601 - 1200	6.7	8.6	6.3	7.9	6.0	6.3	6.3	4.7
1201 - 1800	6.5	7.8	6.3	7.4	6.0	5.8	6.3	4.9
1801 - 2400	6.4	8.3	6.3	7.8	5.9	5.9	6.4	5.2
DAILY VALUE	6.6	8.5	6.3	7.8	6.0	6.2	6.3	4.9
0001 - 0600	6.4	8.8	6.3	8.3	5.9	6.7	6.4	5.1
0601 - 1200	6.4	8.4	6.3	7.7	5.9	6.3	6.4	5.0
1201 - 1800	6.3	7.8	6.2	7.0	5.9	5.7	6.4	5.1
1801 - 2400	6.3	7.8	6.2	7.0	5.9	5.8	6.4	5.4
DAILY VALUE	6.3	8.2	6.2	7.5	5.9	6.1	6.4	5.1
0001 - 0600	6.3	7.8	6.1	6.9	5.9	6.2	6.4	4.9
0601 - 1200	6.3	7.3	6.1	6.3	5.9	5.7	6.4	3.8
1201 - 1800	6.3	7.0	6.1	5.9	5.9	5.8	6.4	3.6
1801 - 2400	6.2	7.5	6.1	6.6	5.9	6.4	6.4	4.0
DAILY VALUE	6.3	7.4	6.1	6.4	5.9	6.0	6.4	4.1
0001 - 0600	6.2	8.0	6.1	7.5	5.9	6.0	6.4	4.3
0601 - 1200	6.3	7.4	6.1	6.5	5.9	5.5	6.5	4.3
1201 - 1800	6.2	7.0	6.1	6.1	5.9	5.6	6.5	4.6
1801 - 2400	6.2	7.5	6.1	6.1	5.9	6.0	6.5	5.1
DAILY VALUE	6.2	7.5	6.1	6.6	5.9	5.8	6.5	4.6
0001 - 0600	6.2	7.9	6.1	6.4	5.9	5.8	6.5	5.2
0601 - 1200	6.2	7.5	6.1	6.4	6.0	5.5	6.5	4.9
1201 - 1800	6.2	7.1	6.1	6.3	6.0	5.4	6.5	5.0
1801 - 2400	6.2	7.4	6.0	6.4	6.0	6.2	6.5	5.4
DAILY VALUE	6.2	7.5	6.1	6.4	6.0	5.7	6.5	5.1
0001 - 0600	6.3	7.6	6.0	6.7	6.0	5.4	-----	-----
0601 - 1200	6.3	7.4	6.0	6.6	6.0	4.5	-----	-----
1201 - 1800	6.2	7.4	6.0	6.6	6.0	4.5	-----	-----
1801 - 2400	6.2	8.2	6.0	7.0	6.0	5.4	-----	-----
DAILY VALUE	6.3	7.7	6.0	6.7	6.0	4.9	-----	-----
0001 - 0600	6.3	8.8	6.0	8.0	6.1	4.8	-----	-----
0601 - 1200	6.3	8.4	6.1	7.6	6.1	3.6	MONTHLY VALUE	
1201 - 1800	6.3	8.0	6.0	7.4	6.0	3.6	-----	
1801 - 2400	6.3	8.3	5.9	7.5	6.1	4.7	6.2	6.5
DAILY VALUE	6.3	8.4	6.0	7.6	6.1	4.2	-----	

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600	6.5	5.3	6.2	2.4	5.7	1.3	5.1	2.4
0601 - 1200	6.5	4.9	6.2	1.8	5.7	1.4	5.0	2.5
1201 - 1800	6.5	4.7	6.2	2.1	5.7	1.7		
1801 - 2400	6.5	4.8	6.2	2.8	5.6	2.2		
DAILY VALUE	6.5	4.9	6.2	2.3	5.7	1.7		
0001 - 0600	6.5	4.5	6.2	3.1	5.6	2.3		
0601 - 1200	6.5	4.0	6.2	2.7	5.6	1.6		
1201 - 1800	6.5	4.2	6.1	2.7	5.6	1.4		
1801 - 2400	6.5	4.7	6.1	2.7	5.6	2.2		
DAILY VALUE	6.5	4.3	6.2	2.8	5.6	1.9		
0001 - 0600	6.5	4.5	6.1	2.5	5.6	2.4		
0601 - 1200	6.4	3.8	6.1	2.1	5.6	2.0		
1201 - 1800	6.4	3.8	6.1	1.9	5.5	1.7		
1801 - 2400	6.5	4.2	6.1	2.0	5.5	1.4		
DAILY VALUE	6.4	4.1	6.1	2.1	5.5	1.9		
0001 - 0600	6.5	3.9	6.0	1.9	5.5	1.9		
0601 - 1200	6.4	3.1	6.1	1.6	5.5	1.8		
1201 - 1800	6.4	2.9	6.0	1.7	5.5	2.2		
1801 - 2400	6.4	3.4	6.0	2.3	5.5	1.8		
DAILY VALUE	6.4	3.3	6.0	1.9	5.5	1.9		
0001 - 0600	6.4	3.1	6.0	2.2	5.4	1.4		
0601 - 1200	6.4	2.4	6.0	1.7	5.4	1.4		
1201 - 1800	6.4	2.4	6.0	1.4	5.4	1.7		
1801 - 2400	6.4	2.8	5.9	1.7	5.4	1.6		
DAILY VALUE	6.4	2.7	6.0	1.8	5.4	1.5		
0001 - 0600	6.4	2.6	5.9	1.9	5.4	1.4		
0601 - 1200	6.4	1.9	5.9	2.0	5.4	1.4		
1201 - 1800	6.4	2.0	5.9	2.3	5.3	1.7		
1801 - 2400	6.4	2.6	5.9	3.0	5.2	1.5		
DAILY VALUE	6.4	2.3	5.9	2.3	5.4	1.5		
0001 - 0600	6.4	2.8	5.9	2.9	5.1	1.3		
0601 - 1200	6.3	2.5	5.9	1.9	5.3	1.5		
1201 - 1800	6.3	2.3	5.9	1.7	5.3	1.8		
1801 - 2400	6.3	2.2	5.9	2.0	5.2	1.8		
DAILY VALUE	6.3	2.4	5.9	2.1	5.3	1.6		
0001 - 0600	6.3	2.2	5.8	2.2	5.2	1.8		
0601 - 1200	6.3	2.1	5.8	1.6	5.2	2.0		
1201 - 1800	6.3	2.1	5.8	1.6	5.2	2.4		
1801 - 2400	6.3	2.5	5.7	1.5	5.1	2.3	5.9	2.4
DAILY VALUE	6.3	2.2	5.8	1.7	5.2	2.1		

MONTHLY VALUE

Table 4-1: Mean intragravel and surface water temperature (C) datapod data summary, at Slough 8A-Upper, RM 126.4, Geocode S30N03W20CDD. A two part linear equation interpolation method was used in order to "correct" readings from actual six hour and three minute time intervals to six hour intervals.

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600							4.8	6.4
0601 - 1200							4.8	5.8
1201 - 1800							4.8	6.0
1801 - 2400							4.8	6.9
DAILY VALUE							4.8	6.3
0001 - 0600							4.8	6.2
0601 - 1200							4.8	5.7
1201 - 1800							4.8	6.1
1801 - 2400							4.8	7.5
DAILY VALUE							4.8	6.4
0001 - 0600							4.8	6.5
0601 - 1200							4.8	5.4
1201 - 1800							4.8	5.4
1801 - 2400							4.9	6.8
DAILY VALUE							4.8	6.0
0001 - 0600							4.8	6.4
0601 - 1200							4.8	5.6
1201 - 1800							4.8	5.7
1801 - 2400							4.8	6.5
DAILY VALUE							4.8	6.0
0001 - 0600							4.8	6.3
0601 - 1200							4.9	5.8
1201 - 1800							4.9	5.9
1801 - 2400					4.8	8.3	4.9	6.2
DAILY VALUE							4.9	6.1
0001 - 0600					4.8	6.2	4.9	6.0
0601 - 1200					4.7	5.2	4.9	5.8
1201 - 1800					4.7	5.3	4.9	5.8
1801 - 2400					4.8	7.8	4.9	6.0
DAILY VALUE					4.7	6.1	4.9	5.9
0001 - 0600					4.8	6.4	4.9	5.9
0601 - 1200					4.8	5.9	4.9	5.7
1201 - 1800					4.8	6.2	4.9	5.8
1801 - 2400					4.8	7.0	4.9	6.0
DAILY VALUE					4.8	6.4	4.9	5.8
0001 - 0600					4.8	6.1		
0601 - 1200					4.8	5.7		
1201 - 1800					4.8	5.9		
1801 - 2400					4.8	7.2		
DAILY VALUE					4.8	6.2		
								MONTHLY VALUE

Table 4-12 Cont.

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600	4.9	5.9	5.2	6.0	5.3	7.4	5.0	5.2
0601 - 1200	4.9	5.8	5.2	5.7	5.2	6.3	5.0	4.9
1201 - 1800	4.9	6.2	5.2	5.7	5.2	6.0	5.0	5.1
1801 - 2400	4.9	6.5	5.2	6.0	5.2	5.9	5.0	5.4
DAILY VALUE	4.9	6.1	5.2	5.8	5.2	6.4	5.0	5.2
0001 - 0600	4.9	6.4	5.2	6.0	5.2	6.0	5.0	5.3
0601 - 1200	4.9	6.1	5.2	5.7	5.2	5.6	5.0	5.2
1201 - 1800	4.9	6.2	5.2	5.7	5.2	5.5	5.0	5.4
1801 - 2400	4.9	6.5	5.2	6.0	5.1	5.9	5.0	5.4
DAILY VALUE	4.9	6.3	5.2	5.9	5.2	5.7	5.0	5.3
0001 - 0600	4.9	6.5	5.2	6.1	5.2	6.3	5.0	5.3
0601 - 1200	4.9	6.2	5.3	5.7	5.1	5.8	5.0	5.2
1201 - 1800	4.9	6.2	5.3	5.6	5.1	5.5	5.0	5.4
1801 - 2400	4.9	6.4	5.3	5.8	5.1	5.7	5.0	5.4
DAILY VALUE	4.9	6.3	5.3	5.8	5.1	5.8	5.0	5.3
0001 - 0600	5.0	6.3	5.2	5.7	5.2	5.9	4.9	5.1
0601 - 1200	4.9	5.9	5.2	5.3	5.1	5.5	5.0	4.8
1201 - 1800	4.9	5.9	5.3	5.2	5.1	5.8	4.9	5.0
1801 - 2400	4.9	6.3	5.3	5.6	5.2	6.0	4.9	5.2
DAILY VALUE	4.9	6.1	5.3	5.5	5.1	5.8	4.9	5.0
0001 - 0600	5.0	6.2	5.3	6.0	5.1	5.6	4.9	5.2
0601 - 1200	4.9	5.7	5.3	5.5	5.1	5.4	4.9	5.1
1201 - 1800	5.0	5.7	5.2	5.5	5.1	5.7	4.9	5.3
1801 - 2400	5.0	6.2	5.2	5.6	5.1	5.8	4.9	5.5
DAILY VALUE	5.0	6.0	5.2	5.6	5.1	5.6	4.9	5.3
0001 - 0600	5.0	6.2	5.3	5.8	5.1	5.5	4.9	5.3
0601 - 1200	5.0	5.9	5.2	5.7	5.1	5.4	4.9	5.2
1201 - 1800	5.0	5.8	5.2	5.7	5.1	5.6	4.9	5.4
1801 - 2400	5.0	6.0	5.2	5.9	5.1	5.8	4.9	5.5
DAILY VALUE	5.0	6.0	5.2	5.8	5.1	5.6	4.9	5.3
0001 - 0600	5.0	6.0	5.3	6.1	5.1	5.2	-----	-----
0601 - 1200	5.0	5.8	5.2	6.0	5.1	4.9	-----	-----
1201 - 1800	5.1	5.9	5.2	6.0	5.1	5.3	-----	-----
1801 - 2400	5.1	6.3	5.2	6.5	5.1	5.8	-----	-----
DAILY VALUE	5.0	6.0	5.2	6.2	5.1	5.3	-----	-----
0001 - 0600	5.1	6.2	5.2	7.1	5.1	5.1	-----	-----
0601 - 1200	5.1	5.8	5.3	6.6	5.0	4.7	MONTHLY VALUE	-----
1201 - 1800	5.1	5.7	5.3	6.2	5.0	5.2	-----	-----
1801 - 2400	5.2	6.0	5.2	6.6	5.1	5.5	5.1	5.8
DAILY VALUE	5.1	5.9	5.3	6.6	5.0	5.1	-----	-----

4-6-161

Table 4-C-33 Cont.

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600	4.9	5.3	4.7	4.6	4.6	4.1	4.5	3.8
0601 - 1200	4.9	5.1	4.7	4.4	4.7	4.1	4.5	3.7
1201 - 1800	4.9	5.2	4.7	4.6	4.7	4.3		
1801 - 2400	4.9	5.2	4.7	4.9	4.6	4.6		
DAILY VALUE	4.9	5.2	4.7	4.6	4.7	4.3		
0001 - 0600	4.8	5.1	4.7	4.8	4.6	4.6		
0601 - 1200	4.8	4.9	4.7	4.6	4.7	4.0		
1201 - 1800	4.8	5.2	4.7	4.6	4.6	4.0		
1801 - 2400	4.8	5.4	4.7	4.7	4.6	4.3		
DAILY VALUE	4.8	5.1	4.7	4.7	4.6	4.2		
0001 - 0600	4.8	5.1	4.7	4.6	4.6	4.4		
0601 - 1200	4.8	4.9	4.7	4.4	4.6	4.2		
1201 - 1800	4.8	5.0	4.7	4.4	4.6	4.1		
1801 - 2400	4.8	5.2	4.7	4.4	4.6	4.1		
DAILY VALUE	4.8	5.1	4.7	4.5	4.6	4.2		
0001 - 0600	4.8	5.0	4.7	4.3	4.6	4.3		
0601 - 1200	4.8	4.7	4.7	4.1	4.6	4.1		
1201 - 1800	4.8	4.8	4.7	4.2	4.6	4.4		
1801 - 2400	4.8	5.1	4.7	4.5	4.6	4.2		
DAILY VALUE	4.8	4.9	4.7	4.3	4.6	4.2		
0001 - 0600	4.8	4.9	4.6	4.6	4.6	3.9		
0601 - 1200	4.8	4.6	4.7	4.3	4.6	4.0		
1201 - 1800	4.7	4.7	4.6	4.0	4.6	4.2		
1801 - 2400	4.7	4.9	4.6	4.1	4.6	4.1		
DAILY VALUE	4.8	4.8	4.6	4.2	4.6	4.1		
0001 - 0600	4.7	4.8	4.6	4.2	4.6	4.0		
0601 - 1200	4.7	4.6	4.6	4.1	4.6	3.9		
1201 - 1800	4.7	4.7	4.6	4.0	4.6	4.2		
1801 - 2400	4.7	4.9	4.6	4.2	4.6	4.1		
DAILY VALUE	4.7	4.8	4.6	4.1	4.6	4.0		
0001 - 0600	4.7	4.9	4.6	4.4	4.6	3.9		
0601 - 1200	4.7	4.7	4.6	3.7	4.6	3.9		
1201 - 1800	4.7	4.7	4.6	3.8	4.6	4.1		
1801 - 2400	4.7	4.7	4.6	4.0	4.6	4.0		
DAILY VALUE	4.7	4.8	4.6	4.0	4.6	4.0		
0001 - 0600	4.7	4.7	4.6	4.3	4.6	3.9		
0601 - 1200	4.7	4.5	4.6	4.0	4.6	3.8	MONTHLY VALUE	
1201 - 1800	4.7	4.6	4.7	4.1	4.6	4.0		
1801 - 2400	4.7	4.8	4.6	4.1	4.6	3.9	4.7	4.4
DAILY VALUE	4.7	4.6	4.6	4.1	4.6	3.9		

4-C-162

W/A Table 4-C-34 Mean intragravel and surface water temperature (C) datapod data summary, at Slough 11, RM 135.7, Geocode S31N02W30ADC. A two part linear equation interpolation method was used in order to "correct" readings from actual six hour and three minute time intervals to six hour intervals.

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600	-----	-----	-----	-----	-----	-----	3.3	6.4
0601 - 1200	-----	-----	-----	-----	-----	-----	3.3	5.8
1201 - 1800	-----	-----	-----	-----	-----	-----	3.4	6.1
1801 - 2400	-----	-----	-----	-----	-----	-----	3.5	7.5
DAILY VALUE	-----	-----	-----	-----	-----	-----	3.4	6.4
0001 - 0600	-----	-----	-----	-----	-----	-----	3.6	7.3
0601 - 1200	-----	-----	-----	-----	-----	-----	3.6	6.4
1201 - 1800	-----	-----	-----	-----	-----	-----	3.7	5.7
1801 - 2400	-----	-----	-----	-----	-----	-----	3.6	4.3
DAILY VALUE	-----	-----	-----	-----	-----	-----	3.6	5.9
0001 - 0600	-----	-----	-----	-----	-----	-----	3.5	3.6
0601 - 1200	-----	-----	-----	-----	-----	-----	3.5	3.5
1201 - 1800	-----	-----	-----	-----	-----	-----	3.5	3.4
1801 - 2400	-----	-----	-----	-----	-----	-----	3.5	3.5
DAILY VALUE	-----	-----	-----	-----	-----	-----	3.5	3.5
0001 - 0600	-----	-----	-----	-----	-----	-----	3.5	3.4
0601 - 1200	-----	-----	-----	-----	-----	-----	3.5	3.5
1201 - 1800	-----	-----	-----	-----	-----	-----	3.5	3.4
1801 - 2400	-----	-----	-----	-----	-----	-----	3.5	3.4
DAILY VALUE	-----	-----	-----	-----	-----	-----	3.5	3.4
0001 - 0600	-----	-----	-----	-----	-----	-----	3.5	3.5
0601 - 1200	-----	-----	-----	-----	-----	-----	3.5	3.4
1201 - 1800	-----	-----	-----	-----	-----	-----	3.5	3.4
1801 - 2400	-----	-----	-----	-----	3.3	8.2	3.5	3.4
DAILY VALUE	-----	-----	-----	-----	-----	-----	3.5	3.4
0001 - 0600	-----	-----	-----	-----	3.3	7.7	3.5	3.4
0601 - 1200	-----	-----	-----	-----	3.3	5.7	3.5	3.4
1201 - 1800	-----	-----	-----	-----	3.3	5.7	3.5	3.4
1801 - 2400	-----	-----	-----	-----	3.3	8.1	3.5	3.4
DAILY VALUE	-----	-----	-----	-----	3.3	6.8	3.5	3.4
0001 - 0600	-----	-----	-----	-----	3.3	7.5	3.5	3.4
0601 - 1200	-----	-----	-----	-----	3.3	6.5	3.4	3.4
1201 - 1800	-----	-----	-----	-----	3.3	6.2	3.4	3.4
1801 - 2400	-----	-----	-----	-----	3.3	6.9	3.4	3.4
DAILY VALUE	-----	-----	-----	-----	3.3	6.8	3.4	3.4
0001 - 0600	-----	-----	-----	-----	3.3	6.3	-----	-----
0601 - 1200	-----	-----	-----	-----	3.3	5.7	MONTHLY VALUE	-----
1201 - 1800	-----	-----	-----	-----	3.3	5.9	-----	-----
1801 - 2400	-----	-----	-----	-----	3.3	7.1	-----	-----
DAILY VALUE	-----	-----	-----	-----	3.3	6.3	-----	-----

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2
0601 - 1200	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.2
1201 - 1800	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2
1801 - 2400	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.2
DAILY VALUE	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2
0001 - 0600	3.5	3.4	3.4	3.3	3.3	3.3	3.3	3.2
0601 - 1200	3.5	3.4	3.4	3.3	3.3	3.2	3.3	3.2
1201 - 1800	3.5	3.4	3.4	3.3	3.3	3.3	3.3	3.2
1801 - 2400	3.5	3.4	3.4	3.3	3.3	3.2	3.3	3.2
DAILY VALUE	3.5	3.4	3.4	3.3	3.3	3.2	3.3	3.2
0001 - 0600	3.5	3.4	3.4	3.3	3.3	3.2	3.3	3.2
0601 - 1200	3.5	3.4	3.4	3.3	3.3	3.2	3.3	3.2
1201 - 1800	3.4	3.4	3.4	3.3	3.3	3.2	3.3	3.2
1801 - 2400	3.4	3.4	3.4	3.3	3.3	3.2	3.3	3.2
DAILY VALUE	3.4	3.4	3.4	3.3	3.3	3.2	3.3	3.2
0001 - 0600	3.5	3.4	3.4	3.3	3.3	3.2	3.3	3.2
0601 - 1200	3.5	3.4	3.4	3.3	3.3	3.2	3.3	3.2
1201 - 1800	3.4	3.3	3.4	3.3	3.3	3.2	3.3	3.2
1801 - 2400	3.4	3.3	3.4	3.3	3.3	3.2	3.3	3.2
DAILY VALUE	3.4	3.4	3.4	3.3	3.3	3.2	3.3	3.2
0001 - 0600	3.4	3.4	3.3	3.3	3.3	3.2	3.3	3.2
0601 - 1200	3.4	3.4	3.4	3.3	3.3	3.2	3.3	3.2
1201 - 1800	3.4	3.3	3.3	3.3	3.3	3.2	3.3	3.2
1801 - 2400	3.4	3.3	3.3	3.2	3.3	3.2	3.3	3.2
DAILY VALUE	3.4	3.4	3.3	3.3	3.3	3.2	3.3	3.2
0001 - 0600	3.4	3.4	3.3	3.3	3.3	3.2	3.3	3.2
0601 - 1200	3.4	3.4	3.4	3.3	3.3	3.2	3.3	3.2
1201 - 1800	3.4	3.4	3.4	3.3	3.3	3.2	3.3	3.2
1801 - 2400	3.4	3.4	3.3	3.3	3.3	3.2	3.3	3.2
DAILY VALUE	3.4	3.4	3.4	3.3	3.3	3.2	3.3	3.2
0001 - 0600	3.4	3.4	3.3	3.3	3.3	3.2	-----	-----
0601 - 1200	3.4	3.3	3.4	3.3	3.3	3.2	-----	-----
1201 - 1800	3.4	3.3	3.4	3.3	3.3	3.2	-----	-----
1801 - 2400	3.4	3.3	3.3	3.3	3.3	3.2	-----	-----
DAILY VALUE	3.4	3.3	3.4	3.3	3.3	3.2	-----	-----
0001 - 0600	3.4	3.4	3.4	3.3	3.3	3.2	-----	-----
0601 - 1200	3.4	3.4	3.4	3.3	3.3	3.2	-----	-----
1201 - 1800	3.4	3.4	3.4	3.3	3.3	3.2	-----	-----
1801 - 2400	3.4	3.4	3.4	3.3	3.3	3.2	-----	-----
DAILY VALUE	3.4	3.4	3.4	3.3	3.3	3.2	-----	-----
							MONTHLY VALUE	
							3.4	3.3

4-1111X Table 4-C-35 Mean intragravel and surface water temperature (C) datapod data summary, at Slough 16B, RM 138.0, Geocode S31N02W17AAA. A two part linear equation interpolation method was used in order to "correct" readings from actual six hour and three minute time intervals to six hour intervals.

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600							6.7	6.7
0601 - 1200							6.2	6.0
1201 - 1800							6.2	6.4
1801 - 2400							6.9	7.5
DAILY VALUE							6.5	6.6
0001 - 0600							6.7	6.8
0601 - 1200							6.2	6.0
1201 - 1800							6.2	6.5
1801 - 2400							6.9	7.6
DAILY VALUE							6.5	6.7
0001 - 0600							6.7	6.6
0601 - 1200							5.6	5.0
1201 - 1800							5.2	5.0
1801 - 2400							6.1	6.6
DAILY VALUE							5.9	5.8
0001 - 0600							6.0	6.1
0601 - 1200							5.3	5.0
1201 - 1800							5.2	5.2
1801 - 2400							6.0	6.3
DAILY VALUE							5.6	5.7
0001 - 0600							6.1	6.3
0601 - 1200							5.7	5.6
1201 - 1800							5.7	5.8
1801 - 2400					6.1	7.7	6.2	6.3
DAILY VALUE							5.9	6.0
0001 - 0600					6.2	6.3	6.1	6.1
0601 - 1200					5.3	4.7	5.8	5.7
1201 - 1800					4.9	5.0	5.7	5.8
1801 - 2400					6.1	7.4	5.9	6.1
DAILY VALUE					5.6	5.9	5.9	5.9
0001 - 0600					6.3	6.6	6.0	6.0
0601 - 1200					5.8	5.8	5.8	5.6
1201 - 1800					5.9	6.2	5.6	5.8
1801 - 2400					6.6	7.1	5.8	6.6
DAILY VALUE					6.1	6.4	5.8	6.0
0001 - 0600					6.2	6.2		
0601 - 1200					5.6	5.5		
1201 - 1800					5.8	6.0		
1801 - 2400					6.8	7.4		
DAILY VALUE					6.1	6.3		
							MONTHLY VALUE	

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600	6.0	6.5	5.6	5.6	6.5	7.0	4.3	4.1
0601 - 1200	6.0	5.9	5.4	5.2	6.5	6.5	4.2	3.3
1201 - 1800	5.8	6.3	5.2	5.1	6.3	6.1	4.0	4.1
1801 - 2400	6.0	7.2	5.5	5.6	6.1	5.9	4.2	5.0
DAILY VALUE	6.0	6.5	5.4	5.4	6.3	6.4	4.1	4.1
0001 - 0600	6.2	6.9	5.7	5.9	5.9	6.3	4.4	4.7
0601 - 1200	6.1	5.7	5.5	5.3	5.9	6.1	4.3	4.2
1201 - 1800	5.8	5.6	5.3	5.1	5.8	5.7	4.3	4.6
1801 - 2400	5.8	6.5	5.4	5.7	5.6	6.0	4.4	4.8
DAILY VALUE	6.0	6.2	5.5	5.5	5.8	6.0	4.4	4.6
0001 - 0600	5.9	6.7	5.7	6.0	5.5	6.5	4.5	4.6
0601 - 1200	5.9	5.9	5.5	5.2	5.5	6.3	4.4	4.3
1201 - 1800	5.7	5.5	5.2	4.8	5.4	6.0	4.4	4.7
1801 - 2400	5.7	6.0	5.1	5.0	5.3	6.1	4.5	4.9
DAILY VALUE	5.8	6.0	5.4	5.3	5.4	6.2	4.5	4.6
0001 - 0600	5.8	6.1	5.2	5.1	5.3	6.4	4.5	3.9
0601 - 1200	5.7	5.3	5.0	4.5	5.2	5.8	4.2	3.0
1201 - 1800	5.5	5.2	4.6	4.2	5.1	6.0	4.0	3.6
1801 - 2400	5.5	6.0	4.7	4.8	5.1	6.4	4.1	4.3
DAILY VALUE	5.6	5.6	4.9	4.7	5.2	6.1	4.2	3.7
0001 - 0600	5.7	6.1	5.1	5.5	5.1	5.9	4.2	4.3
0601 - 1200	5.6	5.3	5.1	5.0	5.0	5.7	4.2	4.1
1201 - 1800	5.4	5.2	5.0	4.7	4.9	5.9	4.2	4.6
1801 - 2400	5.5	5.9	4.9	5.0	5.0	6.3	4.4	5.0
DAILY VALUE	5.5	5.6	5.0	5.1	5.0	5.9	4.3	4.5
0001 - 0600	5.6	6.2	5.1	5.5	5.0	6.0	4.6	4.8
0601 - 1200	5.6	5.6	5.2	5.3	5.0	5.7	4.6	4.4
1201 - 1800	5.5	5.5	5.2	5.2	4.8	5.9	4.5	4.7
1801 - 2400	5.6	5.8	5.1	5.6	4.8	5.9	4.6	5.1
DAILY VALUE	5.6	5.8	5.1	5.4	4.9	5.8	4.6	4.8
0001 - 0600	5.6	5.8	5.3	6.3	4.7	4.4	-----	-----
0601 - 1200	5.4	5.3	5.5	6.3	4.5	3.8	-----	-----
1201 - 1800	5.4	5.4	5.7	6.5	4.3	4.1	-----	-----
1801 - 2400	5.8	6.2	6.0	6.8	4.4	4.8	-----	-----
DAILY VALUE	5.5	5.7	5.6	6.5	4.5	4.3	-----	-----
0001 - 0600	6.0	6.2	6.5	7.7	4.4	3.5	-----	-----
0601 - 1200	5.6	5.4	6.7	7.5	4.2	2.7	MONTHLY VALUE	
1201 - 1800	5.3	5.2	6.7	7.0	4.0	3.8	-----	-----
1801 - 2400	5.5	5.5	6.6	6.9	4.1	4.9	5.2	5.4
DAILY VALUE	5.6	5.6	6.6	7.3	4.2	3.7	-----	-----

Table 4-C-3 Cont.

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600	4.7	4.8	3.7	3.2	3.1	2.8	3.2	2.5
0601 - 1200	4.6	4.3	3.5	2.7	3.1	2.7	2.9	2.6
1201 - 1800	4.5	4.4	3.3	2.9	3.1	3.1	-----	-----
1801 - 2400	4.5	4.6	3.5	3.6	3.3	3.4	-----	-----
DAILY VALUE	4.6	4.5	3.5	3.1	3.2	3.0	-----	-----
0001 - 0600	4.5	4.2	3.7	3.7	3.5	3.1	-----	-----
0601 - 1200	4.4	3.8	3.7	3.3	3.4	2.6	-----	-----
1201 - 1800	4.4	4.2	3.7	3.4	3.2	2.6	-----	-----
1801 - 2400	4.5	4.7	3.7	3.6	3.1	3.1	-----	-----
DAILY VALUE	4.5	4.2	3.7	3.5	3.3	2.8	-----	-----
0001 - 0600	4.6	4.4	3.8	3.4	3.3	2.9	-----	-----
0601 - 1200	4.4	3.8	3.6	3.0	3.3	2.9	-----	-----
1201 - 1800	4.3	4.1	3.5	2.9	3.2	2.6	-----	-----
1801 - 2400	4.4	4.5	3.4	3.0	3.0	2.8	-----	-----
DAILY VALUE	4.4	4.2	3.6	3.1	3.2	2.8	-----	-----
0001 - 0600	4.5	4.0	3.4	2.8	3.2	3.0	-----	-----
0601 - 1200	4.2	3.1	3.2	2.5	3.3	2.8	-----	-----
1201 - 1800	3.9	3.0	3.0	2.6	3.2	3.1	-----	-----
1801 - 2400	3.8	3.5	3.1	3.0	3.3	2.8	-----	-----
DAILY VALUE	4.1	3.4	3.2	2.8	3.2	2.9	-----	-----
0001 - 0600	3.8	3.2	3.3	3.2	3.2	2.7	-----	-----
0601 - 1200	3.7	2.7	3.4	2.9	3.1	2.7	-----	-----
1201 - 1800	3.5	2.8	3.3	2.8	3.1	2.9	-----	-----
1801 - 2400	3.5	3.2	3.2	2.9	3.2	2.6	-----	-----
DAILY VALUE	3.6	3.0	3.3	3.0	3.2	2.7	-----	-----
0001 - 0600	3.5	2.9	3.3	2.9	3.0	2.4	-----	-----
0601 - 1200	3.3	2.4	3.3	2.7	2.8	2.3	-----	-----
1201 - 1800	3.2	2.7	3.2	2.7	2.8	3.0	-----	-----
1801 - 2400	3.3	3.4	3.2	3.0	3.2	2.9	-----	-----
DAILY VALUE	3.3	2.8	3.2	2.8	3.0	2.7	-----	-----
0001 - 0600	3.5	3.4	3.3	3.0	3.2	2.8	-----	-----
0601 - 1200	3.5	3.0	3.2	2.4	3.2	2.7	-----	-----
1201 - 1800	3.5	3.0	3.1	2.5	3.0	2.9	-----	-----
1801 - 2400	3.5	3.4	3.0	2.9	3.2	2.8	-----	-----
DAILY VALUE	3.5	3.2	3.2	2.7	3.2	2.8	-----	-----
0001 - 0600	3.6	3.4	3.1	2.8	3.2	2.7	-----	-----
0601 - 1200	3.6	3.1	3.1	2.7	3.1	2.8	-----	-----
1201 - 1800	3.5	3.2	3.1	2.9	3.1	3.1	-----	-----
1801 - 2400	3.6	3.6	3.1	2.9	3.4	3.0	3.5	3.1
DAILY VALUE	3.6	3.3	3.1	2.8	3.2	2.9	-----	-----

MONTHLY VALUE

PPT. 61X Table 4-C-36 Mean intragravel and surface water temperature (C) datapod data summary, at Slough 19, RM 140.0, Geocode S31N02W10DBA. A two part linear equation interpolation method was used in order to "correct" readings from actual six hour and three minute time intervals to six hour intervals.

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600	-----	-----	-----	-----	-----	-----	3.1	5.6
0601 - 1200	-----	-----	-----	-----	-----	-----	3.1	4.6
1201 - 1800	-----	-----	-----	-----	-----	-----	3.0	4.9
1801 - 2400	-----	-----	-----	-----	-----	-----	3.0	6.3
DAILY VALUE	-----	-----	-----	-----	-----	-----	3.1	5.4
0001 - 0600	-----	-----	-----	-----	-----	-----	3.1	5.7
0601 - 1200	-----	-----	-----	-----	-----	-----	3.0	4.6
1201 - 1800	-----	-----	-----	-----	-----	-----	3.0	4.9
1801 - 2400	-----	-----	-----	-----	-----	-----	3.0	6.5
DAILY VALUE	-----	-----	-----	-----	-----	-----	3.0	5.4
0001 - 0600	-----	-----	-----	-----	-----	-----	3.1	5.6
0601 - 1200	-----	-----	-----	-----	-----	-----	3.0	4.0
1201 - 1800	-----	-----	-----	-----	-----	-----	2.9	3.7
1801 - 2400	-----	-----	-----	-----	-----	-----	2.9	5.7
DAILY VALUE	-----	-----	-----	-----	-----	-----	3.0	4.7
0001 - 0600	-----	-----	-----	-----	-----	-----	3.0	5.3
0601 - 1200	-----	-----	-----	-----	-----	-----	3.0	4.1
1201 - 1800	-----	-----	-----	-----	-----	-----	2.9	4.0
1801 - 2400	-----	-----	-----	-----	-----	-----	3.0	5.2
DAILY VALUE	-----	-----	-----	-----	-----	-----	3.0	4.6
0001 - 0600	-----	-----	-----	-----	-----	-----	3.0	5.2
0601 - 1200	-----	-----	-----	-----	-----	-----	3.0	4.4
1201 - 1800	-----	-----	-----	-----	-----	-----	3.0	4.5
1801 - 2400	-----	-----	-----	-----	2.9	6.8	3.0	5.0
DAILY VALUE	-----	-----	-----	-----	-----	-----	3.0	4.8
0001 - 0600	-----	-----	-----	-----	3.0	5.5	3.0	4.9
0601 - 1200	-----	-----	-----	-----	3.0	3.7	3.0	4.4
1201 - 1800	-----	-----	-----	-----	2.9	3.5	3.0	4.3
1801 - 2400	-----	-----	-----	-----	2.9	6.2	3.0	4.5
DAILY VALUE	-----	-----	-----	-----	3.0	4.7	3.0	4.5
0001 - 0600	-----	-----	-----	-----	3.0	5.5	3.0	4.4
0601 - 1200	-----	-----	-----	-----	3.0	4.4	2.9	4.0
1201 - 1800	-----	-----	-----	-----	3.0	4.7	2.9	4.2
1801 - 2400	-----	-----	-----	-----	3.0	5.9	2.9	4.8
DAILY VALUE	-----	-----	-----	-----	3.0	5.1	2.9	4.3
0001 - 0600	-----	-----	-----	-----	3.0	5.0	-----	-----
0601 - 1200	-----	-----	-----	-----	3.0	4.1	MONTHLY VALUE	
1201 - 1800	-----	-----	-----	-----	3.0	4.5	-----	-----
1801 - 2400	-----	-----	-----	-----	3.0	6.2	-----	-----
DAILY VALUE	-----	-----	-----	-----	3.0	4.9	-----	-----

Table 4-C-36 Cont.

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600	2.9	4.7	3.1	5.0	3.9	5.0	3.3	3.4
0601 - 1200	2.9	4.1	3.1	4.5	4.1	4.4	3.1	3.2
1201 - 1800	2.9	4.3	3.1	4.2	3.9	4.2	3.2	3.4
1801 - 2400	3.0	5.0	3.1	4.7	3.8	4.2	3.3	3.6
DAILY VALUE	2.9	4.5	3.1	4.6	3.9	4.5	3.2	3.4
0001 - 0600	3.1	4.7	3.1	4.8	3.9	4.4	3.3	3.4
0601 - 1200	3.1	3.9	3.1	4.2	3.8	4.1	3.3	3.3
1201 - 1800	3.0	4.1	3.1	4.0	3.7	3.8	3.3	3.5
1801 - 2400	3.0	5.0	3.1	4.4	3.6	4.1	3.4	3.6
DAILY VALUE	3.0	4.4	3.1	4.3	3.7	4.1	3.3	3.5
0001 - 0600	3.0	5.1	3.1	4.5	3.7	4.4	3.3	3.5
0601 - 1200	3.0	4.3	3.1	4.0	3.6	3.9	3.3	3.4
1201 - 1800	2.9	4.1	3.1	3.7	3.5	3.7	3.4	3.6
1801 - 2400	2.9	4.6	3.0	4.0	3.5	3.9	3.4	3.9
DAILY VALUE	2.9	4.5	3.1	4.0	3.6	4.0	3.4	3.6
0001 - 0600	2.9	4.7	3.0	4.1	3.5	4.1	3.3	3.5
0601 - 1200	2.9	4.1	3.0	3.7	3.5	3.7	3.2	3.0
1201 - 1800	2.9	4.1	3.0	3.4	3.4	3.9	3.2	3.2
1801 - 2400	2.9	4.7	3.0	3.7	3.5	4.3	3.3	3.4
DAILY VALUE	2.9	4.4	3.0	3.7	3.5	4.0	3.2	3.3
0001 - 0600	3.0	4.7	3.0	4.2	3.5	3.8	3.3	3.3
0601 - 1200	3.0	4.0	3.0	3.9	3.5	3.6	3.3	3.3
1201 - 1800	2.9	3.9	3.1	3.7	3.5	4.0	3.3	3.5
1801 - 2400	2.9	4.5	3.0	3.9	3.6	4.1	3.4	3.6
DAILY VALUE	3.0	4.3	3.0	3.9	3.5	3.9	3.4	3.4
0001 - 0600	3.0	4.7	3.0	4.1	3.5	3.8	3.4	3.4
0601 - 1200	3.0	4.2	3.0	3.8	3.5	3.6	3.4	3.3
1201 - 1800	3.0	4.0	3.1	3.8	3.4	3.9	3.4	3.4
1801 - 2400	3.0	4.5	3.1	4.1	3.6	4.3	-----	3.6
DAILY VALUE	3.0	4.3	3.1	4.0	3.5	3.9	3.4	3.4
0001 - 0600	3.0	4.6	3.1	4.5	3.5	3.7	-----	-----
0601 - 1200	3.0	4.3	3.2	4.2	3.3	3.3	-----	-----
1201 - 1800	3.0	4.5	3.3	4.1	3.2	3.4	-----	-----
1801 - 2400	3.0	5.5	3.3	4.4	3.4	3.9	-----	-----
DAILY VALUE	3.0	4.7	3.2	4.3	3.4	3.6	-----	-----
0001 - 0600	3.1	5.7	3.4	4.9	3.3	3.4	-----	-----
0601 - 1200	3.2	4.8	3.5	4.4	3.2	3.1	MONTHLY VALUE	-----
1201 - 1800	3.1	4.4	3.5	4.3	3.2	3.4	-----	-----
1801 - 2400	3.1	4.8	3.6	4.5	3.3	3.8	3.2	4.0
DAILY VALUE	3.1	4.9	3.5	4.5	3.2	3.4	-----	-----

Table 4.0.6 Cont.

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600	-----	3.6	-----	2.7	-----	2.0	-----	2.3
0601 - 1200	-----	3.4	-----	2.4	-----	1.8	-----	2.2
1201 - 1800	-----	3.5	-----	2.5	-----	2.0	-----	-----
1801 - 2400	-----	3.7	-----	2.7	-----	2.5	-----	-----
DAILY VALUE	-----	3.6	-----	2.6	-----	2.1	-----	-----
0001 - 0600	-----	3.4	-----	2.7	-----	2.6	-----	-----
0601 - 1200	-----	3.1	-----	2.5	-----	2.3	-----	-----
1201 - 1800	-----	3.3	-----	2.5	-----	2.4	-----	-----
1801 - 2400	-----	3.6	-----	2.5	-----	2.6	-----	-----
DAILY VALUE	-----	3.4	-----	2.5	-----	2.5	-----	-----
0001 - 0600	-----	3.4	-----	2.5	-----	2.3	-----	-----
0601 - 1200	-----	3.0	-----	2.5	-----	1.8	-----	-----
1201 - 1800	-----	3.2	-----	2.6	-----	1.6	-----	-----
1801 - 2400	-----	3.5	-----	2.7	-----	1.8	-----	-----
DAILY VALUE	-----	3.3	-----	2.6	-----	1.9	-----	-----
0001 - 0600	-----	3.3	-----	2.5	-----	1.8	-----	-----
0601 - 1200	-----	2.8	-----	2.2	-----	1.5	-----	-----
1201 - 1800	-----	2.8	-----	2.2	-----	2.0	-----	-----
1801 - 2400	-----	3.0	-----	2.4	-----	2.0	-----	-----
DAILY VALUE	-----	3.0	-----	2.3	-----	1.8	-----	-----
0001 - 0600	-----	2.9	-----	2.4	-----	2.1	-----	-----
0601 - 1200	-----	2.6	-----	2.0	-----	2.3	-----	-----
1201 - 1800	-----	2.6	-----	2.1	-----	2.3	-----	-----
1801 - 2400	-----	2.7	-----	2.5	-----	1.8	-----	-----
DAILY VALUE	-----	2.7	-----	2.2	-----	2.1	-----	-----
0001 - 0600	-----	2.6	-----	2.5	-----	1.7	-----	-----
0601 - 1200	-----	2.4	-----	2.1	-----	1.8	-----	-----
1201 - 1800	-----	2.5	-----	2.3	-----	2.1	-----	-----
1801 - 2400	-----	2.8	-----	2.9	-----	1.9	-----	-----
DAILY VALUE	-----	2.6	-----	2.5	-----	1.9	-----	-----
0001 - 0600	-----	2.7	-----	3.1	-----	2.0	-----	-----
0601 - 1200	-----	2.5	-----	2.6	-----	2.1	-----	-----
1201 - 1800	-----	2.5	-----	2.7	-----	2.1	-----	-----
1801 - 2400	-----	2.6	-----	2.9	-----	1.9	-----	-----
DAILY VALUE	-----	2.6	-----	2.8	-----	2.0	-----	-----
0001 - 0600	-----	2.6	-----	2.7	-----	2.0	-----	-----
0601 - 1200	-----	2.3	-----	2.4	-----	2.0	-----	MONTHLY VALUE
1201 - 1800	-----	2.4	-----	2.2	-----	2.2	-----	-----
1801 - 2400	-----	2.8	-----	2.1	-----	2.3	-----	2.5
DAILY VALUE	-----	2.5	-----	2.4	-----	2.1	-----	-----

Table 4-C-37 Mean intragravel and surface water temperature (C) datapod data summary, at Slough 21-Mouth, RM 141.8, Geocode S31N02W02AAB. A two part linear equation interpolation method was used in order to "correct" readings from actual six hour and three minute time intervals to six hour intervals

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600	-----	-----	-----	-----	-----	-----	3.6	3.6
0601 - 1200	-----	-----	-----	-----	-----	-----	3.7	3.0
1201 - 1800	-----	-----	-----	-----	-----	-----	3.6	3.3
1801 - 2400	-----	-----	-----	-----	6.9	6.8	3.6	3.8
DAILY VALUE	-----	-----	-----	-----	-----	-----	3.6	3.4
0001 - 0600	-----	-----	-----	-----	6.4	6.3	3.6	3.8
0601 - 1200	-----	-----	-----	-----	5.9	5.8	3.7	3.5
1201 - 1800	-----	-----	-----	-----	5.5	5.4	3.7	3.6
1801 - 2400	-----	-----	-----	-----	5.5	5.3	3.7	3.8
DAILY VALUE	-----	-----	-----	-----	5.8	5.7	3.7	3.7
0001 - 0600	-----	-----	-----	-----	4.9	4.6	3.6	3.7
0601 - 1200	-----	-----	-----	-----	4.5	5.0	3.6	3.5
1201 - 1800	-----	-----	-----	-----	4.4	5.4	3.6	3.7
1801 - 2400	-----	-----	-----	-----	3.8	5.1	3.6	4.0
DAILY VALUE	-----	-----	-----	-----	4.4	5.0	3.6	3.7
0001 - 0600	-----	-----	-----	-----	3.7	4.9	3.6	3.5
0601 - 1200	-----	-----	-----	-----	3.6	4.8	3.6	2.8
1201 - 1800	-----	-----	-----	-----	3.7	5.0	3.7	3.0
1801 - 2400	-----	-----	-----	-----	3.7	5.1	3.7	3.5
DAILY VALUE	-----	-----	-----	-----	3.7	4.9	3.7	3.2
0001 - 0600	-----	-----	-----	-----	3.7	4.7	3.7	3.5
0601 - 1200	-----	-----	-----	-----	3.7	4.6	3.7	3.4
1201 - 1800	-----	-----	-----	-----	3.6	5.1	3.7	3.6
1801 - 2400	-----	-----	-----	-----	3.6	5.2	3.7	3.9
DAILY VALUE	-----	-----	-----	-----	3.7	4.9	3.7	3.6
0001 - 0600	-----	-----	-----	-----	3.7	4.8	3.7	3.8
0601 - 1200	-----	-----	-----	-----	3.6	4.1	3.7	3.5
1201 - 1800	-----	-----	-----	-----	3.7	4.3	3.7	3.7
1801 - 2400	-----	-----	-----	-----	3.6	4.5	3.7	4.0
DAILY VALUE	-----	-----	-----	-----	3.6	4.4	3.7	3.8
0001 - 0600	-----	-----	-----	-----	3.6	3.8	-----	-----
0601 - 1200	-----	-----	-----	-----	3.6	3.1	-----	-----
1201 - 1800	-----	-----	-----	-----	3.6	3.0	-----	-----
1801 - 2400	-----	-----	-----	-----	3.7	3.8	-----	-----
DAILY VALUE	-----	-----	-----	-----	3.6	3.4	-----	-----
0001 - 0600	-----	-----	-----	-----	3.6	3.3	-----	-----
0601 - 1200	-----	-----	-----	-----	3.6	2.6	MONTHLY VALUE	
1201 - 1800	-----	-----	-----	-----	3.6	3.0	-----	-----
1801 - 2400	-----	-----	-----	-----	3.6	3.8	-----	-----
DAILY VALUE	-----	-----	-----	-----	3.6	3.2	-----	-----

Table 4-C-3 Cont.

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600	3.7	3.9	3.3	3.0	2.8	2.2	3.7	1.1
0601 - 1200	3.7	3.5	2.7	2.3	3.0	2.5	3.7	1.0
1201 - 1800	3.7	3.6	2.7	2.4	3.4	3.0	-----	-----
1801 - 2400	3.7	3.8	3.3	3.1	3.2	2.7	-----	-----
DAILY VALUE	3.7	3.7	3.0	2.7	3.1	2.6	-----	-----
0001 - 0600	3.7	3.6	3.5	3.2	2.4	1.8	-----	-----
0601 - 1200	3.7	3.3	3.2	2.8	2.3	1.5	-----	-----
1201 - 1800	3.7	3.5	3.2	2.8	2.8	2.1	-----	-----
1801 - 2400	3.6	3.8	3.3	3.0	2.9	2.4	-----	-----
DAILY VALUE	3.7	3.6	3.3	2.9	2.6	1.9	-----	-----
0001 - 0600	3.7	3.7	3.2	2.9	2.8	2.3	-----	-----
0601 - 1200	3.7	3.2	2.9	2.5	2.7	2.1	-----	-----
1201 - 1800	3.7	3.3	2.8	2.4	2.7	2.1	-----	-----
1801 - 2400	3.7	3.7	3.0	2.6	3.1	2.6	-----	-----
DAILY VALUE	3.7	3.4	3.0	2.6	2.8	2.3	-----	-----
0001 - 0600	3.5	3.5	3.0	2.7	2.8	2.2	-----	-----
0601 - 1200	3.1	2.8	2.7	2.4	2.6	1.9	-----	-----
1201 - 1800	2.8	2.6	2.7	2.3	2.7	2.1	-----	-----
1801 - 2400	3.2	2.9	3.1	2.7	2.5	1.9	-----	-----
DAILY VALUE	3.2	2.9	2.9	2.5	2.7	2.0	-----	-----
0001 - 0600	3.3	3.0	3.4	3.0	2.0	1.3	-----	-----
0601 - 1200	3.0	2.6	3.0	2.6	1.8	1.0	-----	-----
1201 - 1800	2.9	2.4	2.9	2.5	1.9	1.1	-----	-----
1801 - 2400	3.0	2.6	3.0	2.7	1.8	.9	-----	-----
DAILY VALUE	3.0	2.6	3.1	2.7	1.9	1.1	-----	-----
0001 - 0600	2.9	2.5	3.1	2.7	1.6	.7	-----	-----
0601 - 1200	2.6	2.2	2.9	2.5	1.7	.8	-----	-----
1201 - 1800	2.7	2.3	2.7	2.3	2.0	1.1	-----	-----
1801 - 2400	3.2	2.9	3.0	2.6	3.0	1.2	-----	-----
DAILY VALUE	2.9	2.5	2.9	2.5	2.1	1.0	-----	-----
0001 - 0600	3.3	3.0	3.2	2.9	3.5	1.1	-----	-----
0601 - 1200	2.9	2.6	2.3	1.7	3.6	.9	-----	-----
1201 - 1800	2.9	2.6	1.9	1.3	3.6	1.0	-----	-----
1801 - 2400	3.1	2.8	2.1	1.5	3.6	.9	-----	-----
DAILY VALUE	3.1	2.8	2.4	1.8	3.6	1.0	-----	-----
0001 - 0600	3.2	2.9	2.7	2.0	3.6	.7	-----	-----
0601 - 1200	3.0	2.7	2.3	1.6	3.6	.9	-----	-----
1201 - 1800	3.0	2.7	2.6	2.0	3.6	1.2	-----	-----
1801 - 2400	3.3	3.0	2.8	2.3	3.6	1.4	-----	-----
DAILY VALUE	3.1	2.8	2.6	2.0	3.6	1.0	-----	-----
							MONTHLY VALUE	
							3.0	2.4

Table 4-C-38 Mean intragravel and surface water temperature (C) datapod data summary, at Slough 21-Upper, RM 142.0, Geocode S32N02W36CCC. A two part linear equation interpolation method was used in order to "correct" readings from actual six hour and three minute time intervals to six hour intervals.

- AUGUST 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600	-----	-----	-----	-----	-----	-----	4.1	5.9
0601 - 1200	-----	-----	-----	-----	-----	-----	4.0	5.2
1201 - 1800	-----	-----	-----	-----	-----	-----	4.1	5.8
1801 - 2400	-----	-----	-----	-----	-----	-----	4.3	7.0
DAILY VALUE	-----	-----	-----	-----	-----	-----	4.1	6.0
0001 - 0600	-----	-----	-----	-----	-----	-----	4.2	6.1
0601 - 1200	-----	-----	-----	-----	-----	-----	4.0	5.3
1201 - 1800	-----	-----	-----	-----	-----	-----	4.1	5.8
1801 - 2400	-----	-----	-----	-----	-----	-----	4.3	7.1
DAILY VALUE	-----	-----	-----	-----	-----	-----	4.2	6.1
0001 - 0600	-----	-----	-----	-----	-----	-----	4.1	6.0
0601 - 1200	-----	-----	-----	-----	-----	-----	4.0	4.6
1201 - 1800	-----	-----	-----	-----	-----	-----	4.0	4.9
1801 - 2400	-----	-----	-----	-----	-----	-----	4.2	6.5
DAILY VALUE	-----	-----	-----	-----	-----	-----	4.1	5.5
0001 - 0600	-----	-----	-----	-----	-----	-----	4.1	5.8
0601 - 1200	-----	-----	-----	-----	-----	-----	4.0	4.8
1201 - 1800	-----	-----	-----	-----	-----	-----	4.0	5.0
1801 - 2400	-----	-----	-----	-----	-----	-----	4.1	5.9
DAILY VALUE	-----	-----	-----	-----	-----	-----	4.0	5.4
0001 - 0600	-----	-----	-----	-----	-----	-----	4.1	5.6
0601 - 1200	-----	-----	-----	-----	-----	-----	4.0	5.0
1201 - 1800	-----	-----	-----	-----	-----	-----	4.0	5.2
1801 - 2400	-----	-----	-----	-----	3.7	7.2	4.0	5.7
DAILY VALUE	-----	-----	-----	-----	-----	-----	4.0	5.4
0001 - 0600	-----	-----	-----	-----	3.7	5.4	4.0	5.5
0601 - 1200	-----	-----	-----	-----	3.7	4.3	4.0	5.0
1201 - 1800	-----	-----	-----	-----	3.7	4.6	4.0	5.1
1801 - 2400	-----	-----	-----	-----	3.7	6.9	4.0	5.3
DAILY VALUE	-----	-----	-----	-----	3.7	5.3	4.0	5.2
0001 - 0600	-----	-----	-----	-----	3.7	5.7	4.0	5.2
0601 - 1200	-----	-----	-----	-----	3.8	5.1	3.9	4.8
1201 - 1800	-----	-----	-----	-----	3.7	5.3	3.9	5.1
1801 - 2400	-----	-----	-----	-----	3.7	6.3	4.0	5.7
DAILY VALUE	-----	-----	-----	-----	3.7	5.6	4.0	5.2
0001 - 0600	-----	-----	-----	-----	3.8	5.4	-----	-----
0601 - 1200	-----	-----	-----	-----	3.8	4.9	MONTHLY VALUE	
1201 - 1800	-----	-----	-----	-----	4.0	5.3	-----	-----
1801 - 2400	-----	-----	-----	-----	4.2	6.8	-----	-----
DAILY VALUE	-----	-----	-----	-----	3.9	5.6	-----	-----

- SEPTEMBER 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600	4.0	5.5	3.9	5.2	7.3	7.9	3.8	3.7
0601 - 1200	3.9	5.0	3.9	4.8	7.3	7.7	3.6	3.1
1201 - 1800	4.0	5.4	3.9	4.8	6.8	7.4	3.8	3.6
1801 - 2400	4.1	6.0	3.9	5.3	6.6	7.1	4.0	4.1
DAILY VALUE	4.0	5.5	3.9	5.0	7.0	7.5	3.8	3.6
0001 - 0600	4.0	5.6	3.9	5.3	6.2	7.1	3.9	3.9
0601 - 1200	3.9	4.9	3.9	4.7	5.5	6.7	3.7	3.6
1201 - 1800	4.0	5.1	3.9	4.7	5.0	6.1	3.9	3.8
1801 - 2400	4.1	5.9	3.9	5.2	4.6	5.7	4.0	4.0
DAILY VALUE	4.0	5.4	3.9	5.0	5.3	6.4	3.9	3.8
0001 - 0600	4.1	5.8	3.9	5.3	4.6	5.6	3.9	3.8
0601 - 1200	4.0	5.1	3.9	4.6	4.3	4.8	3.8	3.7
1201 - 1800	4.0	5.0	3.9	4.4	4.1	4.5	4.0	4.0
1801 - 2400	4.0	5.4	3.8	4.6	4.2	4.7	4.0	4.1
DAILY VALUE	4.0	5.3	3.9	4.7	4.3	4.9	3.9	3.9
0001 - 0600	4.0	5.3	3.8	4.7	4.3	5.0	3.7	3.5
0601 - 1200	3.9	4.7	3.8	4.3	4.1	4.3	3.5	3.0
1201 - 1800	3.9	4.8	3.8	4.0	4.2	4.8	3.7	3.3
1801 - 2400	4.0	5.4	3.8	4.3	4.4	5.1	3.8	3.7
DAILY VALUE	3.9	5.1	3.8	4.3	4.2	4.8	3.7	3.4
0001 - 0600	4.0	5.3	3.8	5.0	4.1	4.5	3.8	3.6
0601 - 1200	3.9	4.7	3.8	4.4	4.0	4.2	3.8	3.5
1201 - 1800	3.9	4.7	3.8	4.3	4.2	4.7	3.9	3.8
1801 - 2400	3.9	5.3	3.8	4.6	4.3	4.9	4.0	4.0
DAILY VALUE	3.9	5.0	3.8	4.6	4.1	4.6	3.8	3.7
0001 - 0600	4.0	5.4	3.8	4.9	4.1	4.5	4.0	3.9
0601 - 1200	3.9	5.0	3.9	4.7	3.9	4.1	3.9	3.7
1201 - 1800	3.9	4.9	3.9	4.7	4.2	4.5	3.9	4.0
1801 - 2400	3.9	5.2	3.8	4.9	4.3	4.8	4.0	4.2
DAILY VALUE	3.9	5.1	3.8	4.8	4.1	4.5	3.9	3.9
0001 - 0600	3.9	5.1	3.8	5.2	3.9	3.9	-----	-----
0601 - 1200	3.8	4.7	3.9	4.9	3.6	3.3	-----	-----
1201 - 1800	3.8	4.9	4.2	5.3	3.8	3.5	-----	-----
1801 - 2400	3.9	5.7	5.2	6.8	4.1	4.4	-----	-----
DAILY VALUE	3.9	5.1	4.3	5.5	3.9	3.8	-----	-----
0001 - 0600	3.9	5.7	5.9	7.7	3.7	3.4	-----	-----
0601 - 1200	3.9	5.0	6.0	8.0	3.5	2.8	MONTHLY VALUE	
1201 - 1800	3.9	4.8	6.1	8.1	3.7	3.5	-----	
1801 - 2400	3.9	5.2	6.4	7.9	4.0	4.1	4.2	4.9
DAILY VALUE	3.9	5.2	6.1	7.9	3.7	3.5	-----	

- OCTOBER 1982 -

TIME PERIOD	DAYS 1 - 8		DAYS 9 - 16		DAYS 17 - 24		DAYS 25 - 31	
	INTRA- GRAVEL	SURFACE WATER						
0001 - 0600	3.9	3.9	3.6	3.1	3.6	2.8	3.4	2.3
0601 - 1200	3.8	3.7	3.5	2.7	3.5	2.8	3.4	2.3
1201 - 1800	3.9	3.8	3.6	3.0	3.6	3.0		
1801 - 2400	3.9	3.9	3.7	3.3	3.8	3.3		
DAILY VALUE	3.9	3.8	3.6	3.0	3.6	3.0		
0001 - 0600	3.8	3.7	3.7	3.3	3.7	3.0		
0601 - 1200	3.8	3.4	3.6	3.1	3.5	2.5		
1201 - 1800	3.9	3.7	3.7	3.1	3.5	2.5		
1801 - 2400	4.0	4.0	3.7	3.3	3.6	2.9		
DAILY VALUE	3.9	3.7	3.7	3.2	3.6	2.7		
0001 - 0600	3.9	3.7	3.6	3.1	3.6	2.9		
0601 - 1200	3.7	3.4	3.6	2.9	3.6	2.8		
1201 - 1800	3.8	3.6	3.6	2.9	3.6	2.7		
1801 - 2400	3.9	3.9	3.6	3.0	3.6	2.8		
DAILY VALUE	3.8	3.7	3.6	3.0	3.6	2.8		
0001 - 0600	3.8	3.5	3.6	2.9	3.6	3.0		
0601 - 1200	3.6	3.0	3.5	2.8	3.5	2.7		
1201 - 1800	3.6	3.0	3.6	2.9	3.5	2.8		
1801 - 2400	3.7	3.3	3.6	3.1	3.5	2.7		
DAILY VALUE	3.7	3.2	3.6	2.9	3.5	2.8		
0001 - 0600	3.6	3.2	3.7	3.2	3.4	2.3		
0601 - 1200	3.5	2.8	3.6	3.0	3.4	2.3		
1201 - 1800	3.5	2.8	3.5	2.9	3.5	2.5		
1801 - 2400	3.6	3.0	3.6	3.0	3.5	2.3		
DAILY VALUE	3.6	3.0	3.6	3.0	3.4	2.4		
0001 - 0600	3.5	2.9	3.6	3.0	3.5	2.2		
0601 - 1200	3.4	2.6	3.6	2.8	3.5	2.3		
1201 - 1800	3.5	2.8	3.6	2.8	3.5	2.5		
1801 - 2400	3.7	3.2	3.6	3.1	3.5	2.4		
DAILY VALUE	3.6	2.9	3.6	2.9	3.5	2.3		
0001 - 0600	3.7	3.1	3.6	3.0	3.5	2.3		
0601 - 1200	3.6	2.9	3.5	2.5	3.5	2.3		
1201 - 1800	3.6	2.9	3.5	2.4	3.5	2.4		
1801 - 2400	3.6	3.1	3.5	2.6	3.4	2.3		
DAILY VALUE	3.6	3.0	3.5	2.6	3.5	2.3		
0001 - 0600	3.6	3.1	3.6	2.7	3.4	2.1		
0601 - 1200	3.6	2.9	3.5	2.6	3.5	2.3		
1201 - 1800	3.6	3.1	3.5	2.7	3.5	2.5		
1801 - 2400	3.7	3.3	3.6	2.8	3.4	2.4	3.6	
DAILY VALUE	3.6	3.1	3.5	2.7	3.5	2.4		
							MONTHLY VALUE	
							3.6	

Appendix Table 4-C-39 Thermograph data summary, winter surface water temperature (C), Whiskers Creek Slough, RM 101.2, Geocode S26N05W03ADB.

- FEBRUARY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600										0.0	0.0	0.0
0601 - 1200										0.0	0.0	0.0
1201 - 1800										.5	.5	.5
1801 - 2400										.5	.5	.5
DAILY VALUE										0.0	.3	.5
0001 - 0600										0.0	.2	.5
0601 - 1200										0.0	0.0	0.0
1201 - 1800										0.0	0.0	0.0
1801 - 2400										0.0	0.0	0.0
DAILY VALUE										0.0	.0	.5
0001 - 0600										.5	.5	.5
0601 - 1200										.5	.7	1.0
1201 - 1800										1.0	1.0	1.0
1801 - 2400										1.0	1.0	1.0
DAILY VALUE										.5	.8	1.0
0001 - 0600										1.0	1.0	1.0
0601 - 1200										1.0	1.0	1.0
1201 - 1800										1.0	1.0	1.0
1801 - 2400										1.0	1.0	1.0
DAILY VALUE										1.0	1.0	1.0
0001 - 0600												
0601 - 1200												
1201 - 1800												
1801 - 2400												
DAILY VALUE												
0001 - 0600												
0601 - 1200												
1201 - 1800							1.5	1.5	1.5			
1801 - 2400							1.5	1.5	1.5			
DAILY VALUE							1.5		1.5			
0001 - 0600							1.5	1.5	1.5			
0601 - 1200							1.5	1.5	1.5			
1201 - 1800							1.5		1.5			
1801 - 2400												
DAILY VALUE							1.5		1.5			
0001 - 0600							.5	.7	1.0			
0601 - 1200							0.0	0.0	0.0	MONTHLY VALUE		
1201 - 1800							0.0	0.0	0.0			
1801 - 2400							0.0	0.0	0.0	0.0		1.5
DAILY VALUE							0.0	.2	1.0			

Appendix Table 4-C-39 Cont.

- MARCH 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
0601 - 1200	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1201 - 1800	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1801 - 2400	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
DAILY VALUE	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
0001 - 0600	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
0601 - 1200	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1201 - 1800	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1801 - 2400	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
DAILY VALUE	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
0001 - 0600	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
0601 - 1200	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1201 - 1800	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1801 - 2400	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
DAILY VALUE	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
0001 - 0600	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
0601 - 1200	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1201 - 1800	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1801 - 2400	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
DAILY VALUE	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
0001 - 0600	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
0601 - 1200	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1201 - 1800	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1801 - 2400	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
DAILY VALUE	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
0001 - 0600	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-----		
0601 - 1200	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	MONTHLY VALUE		
1201 - 1800	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-----		
1801 - 2400	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.4	1.5
DAILY VALUE	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-----		

Appendix Table 4-C-39 Cont.

- APRIL 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
0601 - 1200	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1201 - 1800	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1801 - 2400	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
DAILY VALUE	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
0001 - 0600	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
0601 - 1200	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7	2.0
1201 - 1800	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
1801 - 2400	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
DAILY VALUE	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.8	2.0
0001 - 0600	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
0601 - 1200	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
1201 - 1800	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
1801 - 2400	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
DAILY VALUE	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
0001 - 0600	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
0601 - 1200	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
1201 - 1800	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
1801 - 2400	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
DAILY VALUE	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
0001 - 0600	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
0601 - 1200	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
1201 - 1800	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
1801 - 2400	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
DAILY VALUE	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
0001 - 0600	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-----	-----	-----
0601 - 1200	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-----	-----	-----
1201 - 1800	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-----	-----	-----
1801 - 2400	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-----	-----	-----
DAILY VALUE	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-----	-----	-----
0001 - 0600	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-----		
0601 - 1200	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	MONTHLY VALUE		
1201 - 1800	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-----		
1801 - 2400	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	2.0
DAILY VALUE	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-----		

Appendix Table 4-C-40 Cont.

- MARCH 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	1.8	1.8	1.8	1.8	1.8	1.8	2.3	2.3	2.3	1.8	1.8	1.8
0601 - 1200	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0	2.3	1.8	1.8	1.8
1201 - 1800	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
1801 - 2400	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
DAILY VALUE	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0	2.3	1.8	1.8	1.8
0001 - 0600	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
0601 - 1200	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
1201 - 1800	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.3	2.6	2.8
1801 - 2400	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.1	2.3
DAILY VALUE	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.1	2.8
0001 - 0600	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
0601 - 1200	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0	2.3
1201 - 1800	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	3.1	3.3
1801 - 2400	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	3.0	3.3
DAILY VALUE	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.5	3.3
0001 - 0600	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	2.8	2.8
0601 - 1200	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	2.8	2.8
1201 - 1800	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	3.3	3.6	3.8
1801 - 2400	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	3.1	3.3
DAILY VALUE	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	3.1	3.8
0001 - 0600	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	2.8	2.8
0601 - 1200	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	2.8	2.8
1201 - 1800	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	3.3	3.6	3.8
1801 - 2400	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	3.1	3.3
DAILY VALUE	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	3.1	3.8
0001 - 0600	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	2.8	2.8
0601 - 1200	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	3.0	3.3
1201 - 1800	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	3.3	3.6	3.8
1801 - 2400	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	3.3	3.8
DAILY VALUE	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	3.2	3.8
0001 - 0600	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	2.8	2.8
0601 - 1200	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	3.0	3.3
1201 - 1800	1.8	1.8	1.8	2.3	2.3	2.3	1.8	1.8	1.8	3.8	3.8	3.8
1801 - 2400	1.8	2.0	2.3	2.3	2.3	2.3	1.8	1.8	1.8	2.8	3.3	3.8
DAILY VALUE	1.8	1.8	2.3	1.8	2.0	2.3	1.8	1.8	1.8	2.8	3.2	3.8
0001 - 0600	1.8	1.8	1.8	2.3	2.3	2.3	1.8	1.8	1.8	MONTHLY VALUE		
0601 - 1200	1.8	1.8	1.8	2.3	2.3	2.3	1.8	1.8	1.8			
1201 - 1800	1.8	1.8	1.8	2.3	2.3	2.3	2.3	2.3	2.3	1.8 2.0 3.8		
1801 - 2400	1.8	1.8	1.8	2.3	2.3	2.3	1.8	2.1	2.3			
DAILY VALUE	1.8	1.8	1.8	2.3	2.3	2.3	1.8	2.0	2.3			

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TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	2.8	2.8	2.8	2.8	2.8	2.8	3.3	3.3	3.3	3.8	4.1	4.3
0601 - 1200	2.8	3.0	3.3	2.8	3.0	3.3	3.3	3.5	3.8	4.3	5.1	5.8
1201 - 1800	3.8	3.8	3.8	3.8	4.1	4.3	4.3	4.6	4.8	6.8	6.8	6.8
1801 - 2400	2.8	3.0	3.3	3.3	3.6	3.8	3.8	4.3	4.8	5.3	6.0	6.8
DAILY VALUE	2.8	3.1	3.8	2.8	3.4	4.3	3.3	3.9	4.8	3.8	5.5	6.8
0001 - 0600	2.8	2.8	2.8	2.8	2.8	2.8	3.3	3.3	3.3	4.8	4.8	4.8
0601 - 1200	2.8	2.8	2.8	2.8	3.1	3.3	3.3	3.5	3.8	4.8	5.5	6.3
1201 - 1800	3.3	3.6	3.8	4.3	4.3	4.3	4.3	4.3	4.3	7.3	7.3	7.3
1801 - 2400	2.8	3.0	3.3	3.3	3.6	3.8	3.3	4.0	4.3	4.8	6.0	6.8
DAILY VALUE	2.8	3.0	3.8	2.8	3.5	4.3	3.3	3.8	4.3	4.8	5.9	7.3
0001 - 0600	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.8	4.0	4.3
0601 - 1200	2.8	3.0	3.3	2.8	3.3	3.8	2.8	3.3	4.3	3.8	4.8	5.8
1201 - 1800	3.8	3.8	3.8	4.3	4.3	4.3	4.8	4.8	4.8	6.8	7.1	7.3
1801 - 2400	2.8	3.0	3.3	3.3	3.8	4.3	2.8	3.5	4.3	5.8	6.6	7.3
DAILY VALUE	2.8	3.1	3.8	2.8	3.5	4.3	2.8	3.6	4.8	3.8	5.6	7.3
0001 - 0600	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	4.3	4.5	4.8
0601 - 1200	2.8	3.0	3.3	2.8	3.3	3.8	2.8	3.3	4.3	4.3	5.6	6.8
1201 - 1800	3.8	3.8	3.8	4.3	4.6	4.8	5.3	5.3	5.3	7.8	8.1	8.3
1801 - 2400	2.8	3.3	3.8	3.3	3.8	4.3	4.3	4.8	5.3	5.8	6.8	7.8
DAILY VALUE	2.8	3.2	3.8	2.8	3.6	4.8	2.8	4.0	5.3	4.3	6.3	8.3
0001 - 0600	2.8	2.8	2.8	2.8	2.8	2.8	3.3	3.5	3.8	4.8	4.8	4.8
0601 - 1200	2.8	3.0	3.3	2.8	3.1	3.8	3.3	4.0	4.8	4.8	5.5	5.8
1201 - 1800	3.8	3.8	3.8	4.8	4.8	4.8	5.3	5.3	5.3	8.8	9.1	9.3
1801 - 2400	2.8	3.3	3.8	3.3	3.8	4.3	4.8	5.1	5.3	5.3	6.8	8.3
DAILY VALUE	2.8	3.2	3.8	2.8	3.6	4.8	3.3	4.5	5.3	4.8	6.5	9.3
0001 - 0600	2.8	2.8	2.8	2.8	2.8	2.8	3.3	3.6	3.8	4.8	4.8	4.8
0601 - 1200	2.8	3.0	3.3	2.8	3.5	4.3	3.3	4.0	4.8	4.8	5.5	5.8
1201 - 1800	3.8	3.8	3.8	4.8	4.8	4.8	5.8	5.8	5.8	6.8	7.8	8.8
1801 - 2400	3.3	3.5	3.8	3.8	4.1	4.3	4.8	5.5	5.8	5.8	7.1	8.3
DAILY VALUE	2.8	3.3	3.8	2.8	3.8	4.8	3.3	4.7	5.8	4.8	6.3	8.8
0001 - 0600	2.8	2.8	2.8	3.3	3.5	3.8	3.8	4.3	4.8	-----	-----	-----
0601 - 1200	2.8	3.0	3.3	3.3	3.5	3.8	3.8	4.6	5.3	-----	-----	-----
1201 - 1800	3.3	3.6	3.8	4.8	4.8	4.8	5.8	5.8	5.8	-----	-----	-----
1801 - 2400	3.3	3.5	3.8	3.8	4.3	4.8	4.8	5.3	5.8	-----	-----	-----
DAILY VALUE	2.8	3.2	3.8	3.3	4.0	4.8	3.8	5.0	5.8	-----	-----	-----
0001 - 0600	2.8	2.8	2.8	3.3	3.3	3.3	4.3	4.5	4.8	-----	-----	-----
0601 - 1200	2.8	3.0	3.3	3.3	3.6	4.3	4.3	5.0	5.8	MONTHLY VALUE		
1201 - 1800	2.8	3.0	3.3	4.8	4.8	4.8	6.3	6.3	6.3	-----		
1801 - 2400	2.8	3.0	3.3	3.8	4.3	4.8	4.8	5.3	5.8	2.8	4.2	9.3
DAILY VALUE	2.8	2.9	3.3	3.3	4.0	4.8	4.3	5.3	6.3	-----		

Appendix Table 4-C-41

Thermograph data summary, winter surface water temperature (C),
 Slough 9 below Tributary B, RM 129.0, Geocode
 S30NC3W16AbC.

- FEBRUARY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	-----	-----	-----	.2	.2	.2	1.2	1.2	1.2
0601 - 1200	-----	-----	-----	-----	-----	-----	.2	.2	.2	1.2	1.2	1.2
1201 - 1800	-----	-----	-----	-----	-----	-----	.2	.2	.2	1.2	1.5	1.7
1801 - 2400	-----	-----	-----	-----	-----	-----	.2	.2	.2	1.2	1.2	1.2
DAILY VALUE	-----	-----	-----	-----	-----	-----	.2	.2	.2	1.2	1.3	1.7
0001 - 0600	-----	-----	-----	-----	-----	-----	.2	.2	.2	1.2	1.2	1.2
0601 - 1200	-----	-----	-----	-----	-----	-----	.2	.2	.2	1.2	1.4	1.7
1201 - 1800	-----	-----	-----	.2	.2	.2	.2	.2	.2	1.7	1.7	1.7
1801 - 2400	-----	-----	-----	.2	.2	.2	.2	.2	.2	1.7	1.7	1.7
DAILY VALUE	-----	-----	-----	.2	-----	.2	.2	.2	.2	1.2	1.5	1.7
0001 - 0600	-----	-----	-----	.2	.2	.2	.2	.2	.2	1.7	1.7	1.7
0601 - 1200	-----	-----	-----	.2	.2	.2	.2	.2	.2	1.7	1.7	1.7
1201 - 1800	-----	-----	-----	.2	.2	.2	.7	.7	.7	1.7	1.9	2.2
1801 - 2400	-----	-----	-----	.2	.2	.2	.7	.7	.7	1.7	1.7	1.7
DAILY VALUE	-----	-----	-----	.2	.2	.2	.2	.4	.7	1.7	1.7	2.2
0001 - 0600	-----	-----	-----	.2	.2	.2	.7	.7	.7	1.2	1.5	1.7
0601 - 1200	-----	-----	-----	.2	.2	.2	.7	.7	.7	1.2	1.5	1.7
1201 - 1800	-----	-----	-----	.2	.2	.2	.7	.7	.7	1.7	1.9	2.2
1801 - 2400	-----	-----	-----	.2	.2	.2	.7	.7	.7	1.7	1.7	1.7
DAILY VALUE	-----	-----	-----	.2	.2	.2	.7	.7	.7	1.2	1.7	2.2
0001 - 0600	-----	-----	-----	.2	.2	.2	.7	.7	.7	-----	-----	-----
0601 - 1200	-----	-----	-----	.2	.2	.2	.7	.7	.7	-----	-----	-----
1201 - 1800	-----	-----	-----	.2	.2	.2	.7	.7	.7	-----	-----	-----
1801 - 2400	-----	-----	-----	.2	.2	.2	.7	.7	.7	-----	-----	-----
DAILY VALUE	-----	-----	-----	.2	.2	.2	.7	.7	.7	-----	-----	-----
0001 - 0600	-----	-----	-----	.2	.2	.2	.7	.7	.7	-----	-----	-----
0601 - 1200	-----	-----	-----	.2	.2	.2	.7	.7	.7	-----	-----	-----
1201 - 1800	-----	-----	-----	.2	.2	.2	1.2	1.2	1.2	-----	-----	-----
1801 - 2400	-----	-----	-----	.2	.2	.2	1.2	1.2	1.2	-----	-----	-----
DAILY VALUE	-----	-----	-----	.2	.2	.2	.7	.9	1.2	-----	-----	-----
0001 - 0600	-----	-----	-----	.2	.2	.2	1.2	1.2	1.2	-----	-----	-----
0601 - 1200	-----	-----	-----	.2	.2	.2	1.2	1.2	1.2	MONTHLY VALUE		
1201 - 1800	-----	-----	-----	.2	.2	.2	1.2	1.5	1.7	-----	-----	-----
1801 - 2400	-----	-----	-----	.2	.2	.2	1.2	1.2	1.2	.2	-----	2.2
DAILY VALUE	-----	-----	-----	.2	.2	.2	1.2	1.3	1.7	-----	-----	-----

Appendix Table 4-C-41 Cont.

- MARCH 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	1.2	1.2	1.2	2.2	2.2	2.2	1.1	1.1	1.1	2.1	2.1	2.1
0601 - 1200	1.2	1.4	1.7	1.7	2.2	2.7	1.1	1.8	2.6	2.1	2.4	2.6
1201 - 1800	1.7	1.9	2.2	2.2	2.4	2.7	2.6	2.6	2.6	1.6	2.1	2.6
1801 - 2400	1.2	1.5	1.7	2.2	2.2	2.2	2.6	2.6	2.6	1.6	1.6	1.6
DAILY VALUE	1.2	1.5	2.2	1.7	2.2	2.7	1.1	2.0	2.6	1.6	2.1	2.6
0001 - 0600	1.2	1.2	1.2	2.2	2.2	2.2	2.6	2.6	2.6	1.6	1.6	1.6
0601 - 1200	1.2	1.4	1.7	2.2	2.2	2.2	2.6	2.9	3.6	1.6	1.8	2.1
1201 - 1800	1.7	1.9	2.2	2.2	2.5	2.7	2.6	2.9	3.1	1.6	1.8	2.1
1801 - 2400	1.2	1.4	1.7	.7	1.0	1.2	2.6	2.6	2.6	1.1	1.4	1.6
DAILY VALUE	1.2	1.4	2.2	.7	2.0	2.7	2.6	2.8	3.6	1.1	1.6	2.1
0001 - 0600	.7	1.0	1.2	.7	.7	.7	2.1	2.4	2.6	1.1	1.1	1.1
0601 - 1200	.7	1.2	1.7	.7	1.0	1.7	2.1	2.3	2.6	1.1	1.4	1.6
1201 - 1800	1.2	1.5	1.7	1.7	2.0	2.2	2.1	2.3	2.6	1.6	1.8	2.1
1801 - 2400	.7	.9	1.2	.7	.9	1.2	2.1	2.3	2.6	1.6	1.6	1.6
DAILY VALUE	.7	1.2	1.7	.7	1.2	2.2	2.1	2.3	2.6	1.1	1.5	2.1
0001 - 0600	.7	.7	.7	.7	.7	.7	2.1	2.3	2.6	1.1	1.4	1.6
0601 - 1200	.7	1.4	1.7	1.2	1.7	2.2	2.1	2.6	3.1	1.1	1.3	1.6
1201 - 1800	1.7	1.9	2.2	1.7	2.2	2.7	2.6	2.6	2.6	1.1	1.4	1.6
1801 - 2400	1.7	1.7	1.7	.7	1.0	1.2	2.1	2.3	2.6	.6	.9	1.1
DAILY VALUE	.7	1.4	2.2	.7	1.4	2.7	2.1	2.4	3.1	.6	1.3	1.6
0001 - 0600	1.7	1.7	1.7	.7	.7	.7	1.6	1.6	1.6	.6	.6	.6
0601 - 1200	1.7	2.0	2.2	.7	1.0	1.7	1.6	1.9	2.1	.6	1.1	1.6
1201 - 1800	2.2	2.5	2.7	1.2	1.7	2.2	1.6	2.1	2.6	1.1	1.4	1.6
1801 - 2400	2.2	2.2	2.2	.7	.7	.7	2.6	2.6	2.6	.6	.9	1.1
DAILY VALUE	1.7	2.1	2.7	.7	1.0	2.2	1.6	2.1	2.6	.6	1.0	1.6
0001 - 0600	2.2	2.2	2.2	.7	.7	.7	2.6	2.6	2.6	.6	.6	.6
0601 - 1200	2.2	2.4	2.7	1.2	1.4	1.7	2.6	3.1	3.6	.6	.9	1.1
1201 - 1800	2.7	2.7	2.7	1.7	2.0	2.2	2.6	3.1	3.6	.6	.9	1.1
1801 - 2400	2.2	2.2	2.2	1.7	1.7	1.7	2.6	2.6	2.6	.6	.6	.6
DAILY VALUE	2.2	2.4	2.7	.7	1.4	2.2	2.6	2.8	3.6	.6	.8	1.1
0001 - 0600	2.2	2.2	2.2	1.7	1.7	1.7	2.6	2.6	2.6	.6	.6	.6
0601 - 1200	2.2	2.5	2.7	1.7	2.2	2.7	2.6	3.1	3.6	.6	.8	1.1
1201 - 1800	2.7	2.9	3.2	2.2	2.5	2.7	3.1	3.3	3.6	.6	.9	1.1
1801 - 2400	2.7	2.7	2.7	1.7	2.0	2.2	2.6	2.6	2.6	.6	.6	.6
DAILY VALUE	2.2	2.6	3.2	1.7	2.1	2.7	2.6	2.9	3.6	.6	.7	1.1
0001 - 0600	2.2	2.5	2.7	1.7	1.7	1.7	2.1	2.3	2.6	-----		
0601 - 1200	2.2	2.7	3.2	1.7	1.9	2.2	2.6	3.1	3.6	MONTHLY VALUE		
1201 - 1800	2.7	2.9	3.2	-----	-----	-----	2.1	2.8	3.6	-----		
1801 - 2400	2.2	2.5	2.7	1.6	1.6	1.6	2.1	2.1	2.1	.6	1.8	3.6
DAILY VALUE	2.2	2.7	3.2	1.6	-----	2.2	2.1	2.6	3.6	-----		

- APRIL 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	.6	.6	.6	1.1	1.1	1.1	1.6	1.6	1.6	2.1	2.1	2.1
0601 - 1200	.6	.8	1.1	1.6	1.8	2.1	1.6	2.1	2.6	3.1	3.6	4.1
1201 - 1800	.6	.8	1.1	1.6	2.1	2.6	2.1	2.4	2.6	3.1	3.6	4.1
1801 - 2400	.6	.6	.6	1.1	1.4	1.6	2.1	2.1	2.1	2.6	2.6	2.6
DAILY VALUE	.6	.7	1.1	1.1	1.6	2.6	1.6	2.1	2.6	2.1	3.0	4.1
0001 - 0600	.6	.6	.6	1.1	-----	1.1	1.6	1.8	2.1	2.1	2.3	2.6
0601 - 1200	.6	.8	1.1	2.1	-----	2.1	1.6	2.1	2.6	2.6	3.9	5.1
1201 - 1800	.6	.9	1.1	1.6	1.9	2.1	2.1	2.4	2.6	3.1	3.9	4.6
1801 - 2400	.6	.6	.6	1.6	1.6	1.6	1.6	1.8	2.1	2.6	2.6	2.6
DAILY VALUE	.6	.7	1.1	1.1	-----	2.1	1.6	2.0	2.6	2.1	3.2	5.1
0001 - 0600	.6	.6	.6	1.1	1.1	1.1	1.1	1.1	1.1	2.6	2.6	2.6
0601 - 1200	.6	.6	.6	1.6	1.9	2.6	1.6	2.3	2.6	3.1	3.4	3.6
1201 - 1800	.6	.9	1.1	1.6	2.1	2.6	2.1	2.4	2.6	3.1	3.8	4.1
1801 - 2400	.6	.6	.6	1.1	1.3	1.6	1.6	1.6	1.6	2.6	2.6	2.6
DAILY VALUE	.6	.7	1.1	1.1	1.6	2.6	1.1	1.8	2.6	2.6	3.1	4.1
0001 - 0600	.6	.6	.6	1.1	-----	1.1	1.6	1.6	1.6	2.6	2.8	3.1
0601 - 1200	.6	.8	1.1	1.6	2.1	2.6	2.1	2.8	3.6	3.1	3.9	4.6
1201 - 1800	.6	.9	1.1	1.6	2.1	2.6	2.6	3.1	3.6	3.1	3.9	4.6
1801 - 2400	.6	.6	.6	1.1	1.4	1.6	1.6	1.9	2.1	2.6	2.6	2.6
DAILY VALUE	.6	.7	1.1	1.1	1.8	2.6	1.6	2.3	3.6	2.6	3.3	4.6
0001 - 0600	.6	.6	.6	1.1	-----	1.1	2.1	2.1	2.1	2.6	2.6	2.6
0601 - 1200	.6	.9	1.1	1.6	2.1	2.6	2.6	3.1	3.6	3.1	4.1	5.1
1201 - 1800	1.1	1.4	1.6	1.6	2.1	2.6	2.6	2.8	3.1	3.1	3.9	5.1
1801 - 2400	1.1	1.1	1.1	1.1	1.3	1.6	2.1	2.3	2.6	2.6	2.8	3.1
DAILY VALUE	.6	1.0	1.6	1.1	1.7	2.6	2.1	2.6	3.6	2.6	3.3	5.1
0001 - 0600	1.1	1.1	1.1	1.1	-----	1.1	2.1	2.1	2.1	2.1	2.1	2.1
0601 - 1200	1.1	1.4	1.6	1.6	1.8	2.1	2.6	3.3	4.1	3.1	3.9	4.6
1201 - 1800	1.6	1.8	2.1	-----	-----	-----	2.6	3.1	3.6	3.6	4.4	5.1
1801 - 2400	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.9	2.1	2.6	2.8	3.1
DAILY VALUE	1.1	1.5	2.1	1.1	-----	2.1	1.6	2.6	4.1	2.1	3.3	5.1
0001 - 0600	1.1	1.4	1.6	1.6	-----	1.6	2.1	2.1	2.1	-----	-----	-----
0601 - 1200	1.6	1.6	1.6	2.1	2.3	2.6	2.6	3.3	3.6	-----	-----	-----
1201 - 1800	1.6	1.8	2.1	2.1	2.4	2.6	2.6	3.1	3.6	-----	-----	-----
1801 - 2400	1.1	1.1	1.1	1.6	1.8	2.1	2.1	2.1	2.1	-----	-----	-----
DAILY VALUE	1.1	1.5	2.1	1.6	2.1	2.6	2.1	2.6	3.6	-----	-----	-----
0001 - 0600	1.1	1.1	1.1	1.6	-----	1.6	2.1	2.1	2.1	-----		
0601 - 1200	.6	1.1	1.6	2.6	2.8	3.1	2.6	3.1	3.6	MONTHLY VALUE		
1201 - 1800	1.1	1.4	1.6	2.6	2.8	3.1	2.6	3.1	3.6	-----		
1801 - 2400	1.1	1.1	1.1	-----	-----	-----	2.1	2.3	2.6	.6	2.0	5.1
DAILY VALUE	.6	1.2	1.6	1.6	-----	3.1	2.1	2.6	3.6	-----		

Appendix Table 4-C-42 Thermograph data summary, winter surface water temperature (C), Slough 11, RM 135.3, Geocode S31N02W19DDD.

- FEBRUARY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
1201 - 1800	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
1801 - 2400	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
DAILY VALUE	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
1201 - 1800	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
1801 - 2400	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
DAILY VALUE	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
1201 - 1800	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
1801 - 2400	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
DAILY VALUE	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
1201 - 1800	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.3	2.5
1801 - 2400	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0
DAILY VALUE	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	2.1	2.5
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1201 - 1800	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1801 - 2400	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAILY VALUE	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1201 - 1800	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1801 - 2400	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAILY VALUE	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
0001 - 0600	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
0601 - 1200	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1201 - 1800	-----	-----	-----	-----	-----	-----	2.0	-----	2.0	-----	-----	-----
1801 - 2400	-----	-----	-----	-----	-----	-----	2.0	2.0	2.0	2.0	-----	2.5
DAILY VALUE	-----	-----	-----	-----	-----	-----	2.0	-----	2.0	-----	-----	-----
										MONTHLY VALUE		

										2.0 ----- 2.5		

- MARCH 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.0
0601 - 1200	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.7	3.0	2.0	2.2	2.5
1201 - 1800	2.0	2.3	2.5	2.5	2.5	2.5	2.5	2.8	3.0	2.5	2.8	3.0
1801 - 2400	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
DAILY VALUE	2.0	2.1	2.5	2.5	2.5	2.5	2.5	2.6	3.0	2.0	2.4	3.0
0001 - 0600	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
0601 - 1200	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	3.0
1201 - 1800	2.0	2.2	2.5	2.5	2.7	3.0	2.5	2.5	2.5	2.5	3.0	3.5
1801 - 2400	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
DAILY VALUE	2.0	2.0	2.5	2.5	2.5	3.0	2.5	2.5	2.5	2.5	2.7	3.5
0001 - 0600	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
0601 - 1200	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.7	3.0	2.5	2.7	3.0
1201 - 1800	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.7	3.0	3.0	3.3	3.5
1801 - 2400	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.8	3.0
DAILY VALUE	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.6	3.0	2.5	2.8	3.5
0001 - 0600	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
0601 - 1200	2.0	2.2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	3.0
1201 - 1800	2.5	2.5	2.5	2.5	2.7	3.0	2.5	2.5	2.5	3.0	3.3	3.5
1801 - 2400	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	3.0
DAILY VALUE	2.0	2.2	2.5	2.5	2.5	3.0	2.5	2.5	2.5	2.5	2.8	3.5
0001 - 0600	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5
0601 - 1200	2.0	2.3	2.5	2.0	2.2	2.5	2.5	2.7	3.0	2.5	2.8	3.0
1201 - 1800	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	3.0	3.0	3.3	3.5
1801 - 2400	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	3.0
DAILY VALUE	2.0	2.3	2.5	2.0	2.3	2.5	2.5	2.6	3.0	2.5	2.8	3.5
0001 - 0600	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
0601 - 1200	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	3.0	2.5	2.8	3.0
1201 - 1800	2.5	2.7	3.0	2.5	2.7	3.0	3.0	3.0	3.0	3.0	3.3	3.5
1801 - 2400	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
DAILY VALUE	2.5	2.5	3.0	2.5	2.5	3.0	2.5	2.7	3.0	2.5	2.8	3.5
0001 - 0600	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
0601 - 1200	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	3.0	2.5	2.7	3.0
1201 - 1800	2.5	2.5	2.5	2.5	2.7	3.0	2.5	2.8	3.0	2.5	2.8	3.0
1801 - 2400	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.2	2.5	2.5	2.5	2.5
DAILY VALUE	2.5	2.5	2.5	2.5	2.5	3.0	2.0	2.5	3.0	2.5	2.6	3.0
0001 - 0600	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.0	MONTHLY VALUE		
0601 - 1200	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.5	3.0			
1201 - 1800	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0 2.5 3.5		
1801 - 2400	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.0			
DAILY VALUE	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.2	3.0			

- APRIL 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	2.5	2.5	2.5	2.5	2.5	2.5	3.0	3.0	3.0	-----	-----	-----
0601 - 1200	2.5	2.7	3.0	3.0	3.5	4.0	3.0	3.5	4.0	-----	-----	-----
1201 - 1800	2.5	2.8	3.0	3.0	3.5	4.0	3.5	3.8	4.0	-----	-----	-----
1801 - 2400	2.5	2.5	2.5	2.5	2.7	3.0	3.0	3.0	3.0	-----	-----	-----
DAILY VALUE	2.5	2.6	3.0	2.5	3.0	4.0	3.0	3.3	4.0	-----	-----	-----
0001 - 0600	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	-----	-----	-----
0601 - 1200	2.5	2.8	3.0	2.5	3.3	4.0	3.0	3.5	4.0	-----	-----	-----
1201 - 1800	2.5	3.0	3.5	3.0	3.5	4.0	3.0	3.5	4.0	-----	-----	-----
1801 - 2400	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	3.0	-----	-----	-----
DAILY VALUE	2.5	2.7	3.5	2.5	3.0	4.0	2.5	3.0	4.0	-----	-----	-----
0001 - 0600	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	3.0	-----	-----	-----
0601 - 1200	2.5	3.0	3.5	2.5	3.3	4.0	3.0	3.8	4.5	-----	-----	-----
1201 - 1800	3.0	3.5	4.0	3.0	3.5	4.0	4.0	4.5	5.0	-----	-----	-----
1801 - 2400	2.5	2.5	2.5	2.5	2.5	2.5	3.0	3.2	3.5	-----	-----	-----
DAILY VALUE	2.5	2.9	4.0	2.5	3.0	4.0	2.5	3.5	5.0	-----	-----	-----
0001 - 0600	2.5	2.5	2.5	2.5	2.5	2.5	3.0	3.0	3.0	-----	-----	-----
0601 - 1200	2.5	3.0	3.5	2.5	3.2	4.0	3.5	4.0	4.5	-----	-----	-----
1201 - 1800	3.0	3.3	3.5	3.0	3.5	4.0	4.0	4.5	5.0	-----	-----	-----
1801 - 2400	2.5	2.7	3.0	2.0	2.3	2.5	3.0	3.2	3.5	-----	-----	-----
DAILY VALUE	2.5	2.9	3.5	2.0	2.9	4.0	3.0	3.7	5.0	-----	-----	-----
0001 - 0600	2.5	2.5	2.5	2.0	2.2	2.5	3.0	3.0	3.0	-----	-----	-----
0601 - 1200	2.5	3.2	3.5	3.0	3.5	4.0	3.5	4.3	5.0	-----	-----	-----
1201 - 1800	3.0	3.2	3.5	3.0	3.3	3.5	4.0	4.8	5.5	-----	-----	-----
1801 - 2400	2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.2	3.5	-----	-----	-----
DAILY VALUE	2.5	2.8	3.5	2.0	3.0	4.0	3.0	3.8	5.5	-----	-----	-----
0001 - 0600	2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.0	3.0	-----	-----	-----
0601 - 1200	2.5	3.0	3.5	3.0	3.5	4.0	4.0	4.5	5.0	-----	-----	-----
1201 - 1800	3.0	3.3	3.5	3.5	3.8	4.0	4.0	4.7	5.0	-----	-----	-----
1801 - 2400	2.5	2.7	3.0	2.5	2.8	3.0	-----	-----	-----	-----	-----	-----
DAILY VALUE	2.5	2.9	3.5	2.5	3.3	4.0	3.0	4.1	5.0	-----	-----	-----
0001 - 0600	2.5	2.5	2.5	2.5	2.5	2.5	-----	-----	-----	-----	-----	-----
0601 - 1200	2.5	2.7	3.0	3.0	3.5	4.0	-----	-----	-----	-----	-----	-----
1201 - 1800	3.0	3.0	3.0	4.0	4.3	4.5	-----	-----	-----	-----	-----	-----
1801 - 2400	2.5	2.5	2.5	3.0	3.2	3.5	-----	-----	-----	-----	-----	-----
DAILY VALUE	2.5	2.7	3.0	2.5	3.4	4.5	-----	-----	-----	-----	-----	-----
0001 - 0600	2.5	2.5	2.5	3.0	3.0	3.0	-----	-----	-----	MONTHLY VALUE		
0601 - 1200	3.0	3.2	3.5	3.0	3.3	4.0	-----	-----	-----			
1201 - 1800	3.0	3.5	4.0	3.5	4.0	4.5	-----	-----	-----			
1801 - 2400	2.5	2.7	3.0	3.0	3.0	3.0	-----	-----	-----	2.0	3.1	5.5
DAILY VALUE	2.5	3.0	4.0	3.0	3.3	4.5	-----	-----	-----			

Appendix

Table 4-C-43 Thermograph data summary, winter surface water temperature (C), Slough 19, RM 140.0, Geocode S31N11W10DBB.

- FEBRUARY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0601 - 1200	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1201 - 1800	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1801 - 2400	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
DAILY VALUE	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0001 - 0600	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0601 - 1200	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1201 - 1800	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1801 - 2400	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
DAILY VALUE	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0001 - 0600	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0601 - 1200	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	1.8	1.8	1.8
1201 - 1800	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	1.8	1.8	1.8
1801 - 2400	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	1.8	1.8	1.8
DAILY VALUE	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	1.8	1.9	2.3
0001 - 0600	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	1.3	1.3	1.3
0601 - 1200	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	1.3	1.3	1.3
1201 - 1800	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	1.3	1.3	1.3
1801 - 2400	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	1.3	1.3	1.3
DAILY VALUE	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	1.3	1.3	1.3
0001 - 0600	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
0601 - 1200	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
1201 - 1800	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
1801 - 2400	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
DAILY VALUE	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
0001 - 0600	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
0601 - 1200	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
1201 - 1800	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
1801 - 2400	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
DAILY VALUE	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
0001 - 0600	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
0601 - 1200	-----	-----	-----	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
1201 - 1800	1.8	1.8	1.8	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
1801 - 2400	1.8	1.8	1.8	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
DAILY VALUE	1.8	-----	1.8	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
0001 - 0600	1.8	1.8	1.8	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
0601 - 1200	1.8	1.8	1.8	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
1201 - 1800	1.8	1.8	1.8	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
1801 - 2400	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.3	2.2	2.3
DAILY VALUE	1.8	1.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3	MONTHLY VALUE		

4-C-192

Appendix Table 4-C-43 Cont.

- MARCH 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0601 - 1200	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1201 - 1800	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1801 - 2400	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
DAILY VALUE	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0001 - 0600	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0601 - 1200	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1201 - 1800	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1801 - 2400	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
DAILY VALUE	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0001 - 0600	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0601 - 1200	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1201 - 1800	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1801 - 2400	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
DAILY VALUE	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0001 - 0600	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0601 - 1200	.8	.8	.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1201 - 1800	1.3	1.3	1.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1801 - 2400	1.8	1.8	1.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
DAILY VALUE	.8	1.2	1.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0001 - 0600	1.8	1.8	1.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0601 - 1200	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1201 - 1800	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1801 - 2400	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
DAILY VALUE	1.8	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0001 - 0600	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0601 - 1200	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1201 - 1800	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1801 - 2400	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
DAILY VALUE	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0001 - 0600	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0601 - 1200	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1201 - 1800	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1801 - 2400	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
DAILY VALUE	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0001 - 0600	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	MONTHLY VALUE		
0601 - 1200	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	MONTHLY VALUE		
1201 - 1800	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	MONTHLY VALUE		
1801 - 2400	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	.8	2.1	2.3
DAILY VALUE	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	MONTHLY VALUE		

- APRIL 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0601 - 1200	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1201 - 1800	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1801 - 2400	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
DAILY VALUE	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0001 - 0600	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0601 - 1200	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1201 - 1800	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.8	2.8	2.8
1801 - 2400	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
DAILY VALUE	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.8
0001 - 0600	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0601 - 1200	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1201 - 1800	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1801 - 2400	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
DAILY VALUE	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0001 - 0600	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0601 - 1200	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1201 - 1800	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1801 - 2400	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
DAILY VALUE	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0001 - 0600	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0601 - 1200	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.8
1201 - 1800	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.8	2.8	2.8
1801 - 2400	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
DAILY VALUE	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.8
0001 - 0600	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
0601 - 1200	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6	3.3
1201 - 1800	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.8	3.3	3.8
1801 - 2400	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.8
DAILY VALUE	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.7	3.8
0001 - 0600	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
0601 - 1200	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
1201 - 1800	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
1801 - 2400	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
DAILY VALUE	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
0001 - 0600	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	-----	-----	-----
0601 - 1200	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	MONTHLY VALUE		
1201 - 1800	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	-----		
1801 - 2400	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	3.8
DAILY VALUE	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	-----		

Appendix Table 4-c-44 Thermograph data summary, winter surface water temperature (C),
Slough 21 Mouth, RM 142.0, Geocode S31N11W02AAA.

- FEBRUARY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	2.0	2.2	2.5	3.0	3.0	3.0	1.0	1.0	1.0
0601 - 1200	-----	-----	-----	2.0	2.0	2.0	3.0	3.0	3.0	1.0	1.0	1.0
1201 - 1800	-----	-----	-----	2.0	2.0	2.0	3.0	3.0	3.0	1.0	1.0	1.0
1801 - 2400	-----	-----	-----	2.0	2.0	2.0	2.5	2.8	3.0	1.0	1.0	1.0
DAILY VALUE	-----	-----	-----	2.0	2.0	2.5	2.5	3.0	3.0	1.0	1.0	1.0
0001 - 0600	-----	-----	-----	1.5	1.5	1.5	2.5	2.5	2.5	1.0	1.0	1.0
0601 - 1200	-----	-----	-----	1.5	1.5	1.5	2.5	2.5	2.5	1.0	1.0	1.0
1201 - 1800	-----	-----	-----	1.5	1.5	1.5	2.0	2.3	2.5	1.0	1.0	1.0
1801 - 2400	-----	-----	-----	1.5	1.5	1.5	2.0	2.0	2.0	1.0	1.0	1.0
DAILY VALUE	-----	-----	-----	1.5	1.5	1.5	2.0	2.3	2.5	1.0	1.0	1.0
0001 - 0600	-----	-----	-----	1.5	1.5	1.5	2.0	2.0	2.0	1.0	1.0	1.0
0601 - 1200	-----	-----	-----	1.5	1.5	1.5	2.0	2.0	2.0	1.0	1.2	1.5
1201 - 1800	-----	-----	-----	1.5	1.5	1.5	1.5	1.7	2.0	1.5	1.5	1.5
1801 - 2400	-----	-----	-----	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
DAILY VALUE	-----	-----	-----	1.5	1.5	1.5	1.5	1.8	2.0	1.0	1.3	1.5
0001 - 0600	-----	-----	-----	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
0601 - 1200	-----	-----	-----	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1201 - 1800	-----	-----	-----	1.5	1.5	1.5	1.0	1.2	1.5	1.5	1.5	1.5
1801 - 2400	-----	-----	-----	1.0	1.3	1.5	1.0	1.0	1.0	1.5	1.5	1.5
DAILY VALUE	-----	-----	-----	1.0	1.5	1.5	1.0	1.3	1.5	1.5	1.5	1.5
0001 - 0600	-----	-----	-----	1.0	1.0	1.0	1.0	1.0	1.0	-----	-----	-----
0601 - 1200	-----	-----	-----	1.0	1.5	2.0	1.0	1.0	1.0	-----	-----	-----
1201 - 1800	-----	-----	-----	1.5	1.5	1.5	1.0	1.0	1.0	-----	-----	-----
1801 - 2400	-----	-----	-----	1.5	1.5	1.5	1.0	1.0	1.0	-----	-----	-----
DAILY VALUE	-----	-----	-----	1.0	1.4	2.0	1.0	1.0	1.0	-----	-----	-----
0001 - 0600	-----	-----	-----	1.5	1.5	1.5	1.0	1.0	1.0	-----	-----	-----
0601 - 1200	-----	-----	-----	1.5	1.5	1.5	1.0	1.0	1.0	-----	-----	-----
1201 - 1800	2.5	2.5	2.5	-----	-----	-----	1.0	1.0	1.0	-----	-----	-----
1801 - 2400	2.5	2.5	2.5	1.5	1.5	1.5	1.0	1.0	1.0	-----	-----	-----
DAILY VALUE	2.5	-----	2.5	1.5	1.5	1.5	1.0	1.0	1.0	-----	-----	-----
0001 - 0600	2.0	2.3	2.5	2.0	2.0	2.0	1.0	1.0	1.0	-----	-----	-----
0601 - 1200	2.0	2.3	2.5	2.0	2.0	2.0	1.0	1.0	1.0	-----	-----	-----
1201 - 1800	2.5	2.5	2.5	2.0	2.0	2.0	1.0	1.0	1.0	-----	-----	-----
1801 - 2400	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	-----	-----	-----
DAILY VALUE	2.0	2.3	2.5	2.0	2.0	2.0	1.0	1.0	1.0	-----	-----	-----
0001 - 0600	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	-----		
0601 - 1200	2.0	2.2	2.5	2.0	2.2	2.5	1.0	1.0	1.0	MONTHLY VALUE		
1201 - 1800	2.0	2.0	2.0	3.0	3.0	3.0	1.0	1.0	1.0	-----		
1801 - 2400	2.5	2.5	2.5	3.0	3.0	3.0	1.0	1.0	1.0	1.0	1.6	3.0
DAILY VALUE	2.0	2.2	2.5	2.0	2.5	3.0	1.0	1.0	1.0	-----		

Appendix Table 4-C-44 Cont.

- MARCH 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	1.5	1.5	1.5	2.0	2.0	2.0	1.5	1.5	1.5	1.5	1.5	1.5
0601 - 1200	1.5	1.5	1.5	2.0	2.0	2.0	1.5	1.7	2.0	2.0	2.0	2.0
1201 - 1800	1.5	2.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	1.5	2.0	2.5
1801 - 2400	2.0	2.2	2.5	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.3	2.0
DAILY VALUE	1.5	1.8	2.5	2.0	2.0	2.0	1.5	1.8	2.0	1.0	1.7	2.5
0001 - 0600	1.5	1.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.7	2.5
0601 - 1200	1.5	1.5	1.5	2.0	2.2	2.5	2.0	2.5	3.0	1.0	1.3	2.0
1201 - 1800	1.5	1.5	1.5	2.0	2.3	2.5	2.5	2.8	3.0	2.0	2.3	2.5
1801 - 2400	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	1.0	1.2	1.5
DAILY VALUE	1.5	1.5	2.0	1.5	2.0	2.5	2.0	2.5	3.0	1.0	1.6	2.5
0001 - 0600	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.2	2.5	1.0	1.0	1.0
0601 - 1200	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.3	2.5	1.5	2.0	2.5
1201 - 1800	1.5	1.5	1.5	1.5	1.8	2.0	2.5	2.7	3.0	2.0	2.3	2.5
1801 - 2400	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0	2.0	2.0	2.0
DAILY VALUE	1.5	1.5	1.5	1.5	1.6	2.0	2.0	2.3	3.0	1.0	1.8	2.5
0001 - 0600	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0	1.5	1.7	2.0
0601 - 1200	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.7	3.5	1.5	2.0	3.0
1201 - 1800	2.0	2.0	2.0	1.5	1.5	1.5	3.0	3.2	3.5	2.0	2.8	3.5
1801 - 2400	2.0	2.0	2.0	1.5	1.5	1.5	2.0	2.2	2.5	1.0	1.3	1.5
DAILY VALUE	1.5	1.7	2.0	1.5	1.5	1.5	2.0	2.5	3.5	1.0	2.0	3.5
0001 - 0600	2.0	2.0	2.0	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0
0601 - 1200	2.0	2.0	2.0	1.0	1.2	1.5	2.0	2.0	2.0	1.0	1.7	2.5
1201 - 1800	2.0	2.0	2.0	1.5	1.8	2.0	2.0	2.0	2.0	2.0	2.8	3.5
1801 - 2400	2.0	2.0	2.0	1.0	1.0	1.0	2.0	2.0	2.0	1.5	1.5	1.5
DAILY VALUE	2.0	2.0	2.0	1.0	1.2	2.0	1.5	1.9	2.0	1.0	1.7	3.5
0001 - 0600	2.0	2.0	2.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0
0601 - 1200	2.0	2.0	2.0	1.0	1.3	1.5	2.0	2.7	3.0	1.5	1.8	2.5
1201 - 1800	2.0	2.3	2.5	1.5	1.8	2.0	2.0	2.5	3.0	1.5	2.3	3.0
1801 - 2400	2.0	2.0	2.0	1.5	1.5	1.5	2.0	2.0	2.0	1.0	1.2	1.5
DAILY VALUE	2.0	2.1	2.5	1.0	1.4	2.0	2.0	2.3	3.0	1.0	1.6	3.0
0001 - 0600	2.0	2.0	2.0	1.5	1.5	1.5	2.0	2.0	2.0	1.0	1.0	1.0
0601 - 1200	2.0	2.3	2.5	1.5	2.0	2.5	2.0	2.5	3.0	1.0	1.5	2.0
1201 - 1800	2.0	2.3	2.5	2.0	2.3	2.5	2.5	3.0	3.5	1.5	2.0	2.5
1801 - 2400	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.5	1.0	1.0	1.0
DAILY VALUE	2.0	2.2	2.5	1.5	2.0	2.5	2.0	2.4	3.5	1.0	1.4	2.5
0001 - 0600	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	-----		
0601 - 1200	2.0	2.3	2.5	2.0	2.2	2.5	2.5	2.7	3.0	MONTHLY VALUE		
1201 - 1800	2.5	2.5	2.5	2.0	2.3	2.5	2.0	2.7	3.5	-----		
1801 - 2400	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.5	1.5	1.0	1.9	3.5
DAILY VALUE	2.0	2.2	2.5	2.0	2.1	2.5	1.5	2.2	3.5	-----		

- APRIL 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	1.0	1.0	1.0	1.5	1.7	2.0	2.0	2.2	2.5	3.0	3.2	3.5
0601 - 1200	1.0	1.2	1.5	3.0	3.7	4.5	3.0	4.0	5.0	5.0	6.3	7.5
1201 - 1800	1.0	1.5	2.0	2.5	3.5	4.5	3.5	4.7	6.0	4.0	5.3	6.0
1801 - 2400	1.0	1.0	1.0	1.5	1.7	2.0	2.5	2.7	3.0	2.5	2.8	3.0
DAILY VALUE	1.0	1.2	2.0	1.5	2.6	4.5	2.0	3.4	6.0	2.5	4.4	7.5
0001 - 0600	1.0	1.0	1.0	1.5	1.5	1.5	2.0	2.2	2.5	2.0	2.2	2.5
0601 - 1200	1.0	1.2	1.5	2.5	3.7	5.0	2.0	3.3	4.5	3.0	5.5	7.5
1201 - 1800	1.5	1.8	2.0	3.0	4.0	5.0	3.0	4.0	5.0	3.5	5.7	7.5
1801 - 2400	1.0	1.2	1.5	2.0	2.2	2.5	1.5	1.8	2.0	3.0	3.0	3.0
DAILY VALUE	1.0	1.3	2.0	1.5	2.8	5.0	1.5	2.8	5.0	2.0	4.1	7.5
0001 - 0600	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.2	1.5	3.0	3.2	3.5
0601 - 1200	1.0	1.7	2.5	2.5	3.5	4.5	2.0	3.2	4.5	4.5	5.5	6.5
1201 - 1800	2.0	2.2	2.5	2.5	3.5	4.5	2.5	3.7	4.5	4.5	5.8	6.5
1801 - 2400	1.5	1.5	1.5	1.5	1.7	2.0	2.0	2.0	2.0	3.0	3.2	3.5
DAILY VALUE	1.0	1.6	2.5	1.5	2.5	4.5	1.0	2.5	4.5	3.0	4.4	6.5
0001 - 0600	1.5	1.5	1.5	1.0	1.2	1.5	2.0	2.0	2.0	3.0	3.2	3.5
0601 - 1200	1.5	2.0	2.5	1.5	3.0	5.0	4.0	5.2	6.5	5.0	6.0	6.5
1201 - 1800	2.5	2.8	3.0	2.5	3.8	5.0	3.5	5.2	6.5	4.0	5.3	6.5
1801 - 2400	1.5	1.7	2.0	1.5	1.5	1.5	2.0	2.2	2.5	2.5	2.8	3.0
DAILY VALUE	1.5	2.0	3.0	1.0	2.4	5.0	2.0	3.6	6.5	2.5	4.3	6.5
0001 - 0600	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.2	2.5	2.5	2.7	3.0
0601 - 1200	1.5	2.3	3.5	1.5	3.2	5.0	4.0	5.7	7.5	4.0	5.7	6.5
1201 - 1800	3.0	3.5	4.0	2.0	3.7	5.0	4.0	5.5	7.0	3.5	4.7	6.0
1801 - 2400	2.0	2.2	2.5	1.0	1.3	1.5	2.5	2.8	3.0	2.0	2.2	2.5
DAILY VALUE	1.5	2.4	4.0	1.0	2.4	5.0	2.0	4.0	7.5	2.0	3.8	6.5
0001 - 0600	2.0	2.0	2.0	1.0	1.2	1.5	2.5	2.7	3.0	2.0	2.2	2.5
0601 - 1200	2.5	3.3	4.5	2.5	3.5	4.5	4.0	5.8	7.0	4.0	6.2	8.0
1201 - 1800	3.0	3.7	4.5	3.0	3.8	4.5	3.5	5.0	6.5	4.0	6.0	8.0
1801 - 2400	2.5	2.5	2.5	2.0	2.5	3.0	2.0	2.3	3.0	2.0	2.3	3.0
DAILY VALUE	2.0	2.9	4.5	1.0	2.7	4.5	2.0	4.0	7.0	2.0	4.2	8.0
0001 - 0600	2.5	2.5	2.5	2.0	2.0	2.0	2.0	2.3	3.0	-----	-----	-----
0601 - 1200	2.5	3.8	5.0	3.0	4.3	5.5	4.5	5.3	6.0	-----	-----	-----
1201 - 1800	3.0	3.5	4.0	3.0	4.3	5.5	3.5	4.8	6.0	-----	-----	-----
1801 - 2400	2.0	2.2	2.5	2.0	2.2	2.5	2.5	2.8	3.0	-----	-----	-----
DAILY VALUE	2.0	3.0	5.0	2.0	3.2	5.5	2.0	3.8	6.0	-----	-----	-----
0001 - 0600	2.0	2.0	2.0	1.5	1.7	2.0	2.5	2.7	3.0	-----	-----	-----
0601 - 1200	2.5	2.7	3.0	2.0	4.2	6.5	4.0	4.8	5.5	MONTHLY VALUE		
1201 - 1800	2.5	2.8	3.0	4.0	5.3	6.5	3.5	4.5	5.5	-----		
1801 - 2400	1.5	1.5	1.5	2.0	2.5	3.0	3.0	3.0	3.0	1.0	3.1	8.0
DAILY VALUE	1.5	2.2	3.0	1.5	3.4	6.5	2.5	3.7	5.5	-----		

Appendix Table 4-C-45 Thermograph data summary, winter surface water temperature (C),
Slough 21 Middle, RM 142.0, Geocode S31N11W02AAA.

- MARCH 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	----	----	----	.5	.5	.5	1.0	1.0	1.0	1.0	1.0	1.0
0601 - 1200	----	----	----	.5	.8	1.0	1.0	1.0	1.0	1.5	1.5	1.5
1201 - 1800	----	----	----	1.0	1.0	1.0	1.0	1.0	1.0	.5	1.0	1.5
1801 - 2400	----	----	----	.5	.8	1.0	1.0	1.0	1.0	.5	.5	.5
DAILY VALUE	----	----	----	.5	.8	1.0	1.0	1.0	1.0	.5	1.0	1.5
0001 - 0600	----	----	----	.5	.7	1.0	1.0	1.0	1.0	.5	.5	.5
0601 - 1200	----	----	----	1.0	1.0	1.0	1.0	1.3	1.5	.5	1.0	1.5
1201 - 1800	----	----	----	.5	.7	1.0	1.0	1.3	1.5	1.0	1.2	1.5
1801 - 2400	----	----	----	.5	.5	.5	1.0	1.2	1.5	1.0	1.0	1.0
DAILY VALUE	----	----	----	.5	.7	1.0	1.0	1.2	1.5	.5	.9	1.5
0001 - 0600	----	----	----	.5	.5	.5	1.0	1.2	1.5	1.0	1.0	1.0
0601 - 1200	----	----	----	.5	.7	1.0	1.0	1.2	1.5	1.0	1.2	1.5
1201 - 1800	----	----	----	.5	.8	1.0	1.0	1.2	1.5	1.0	1.3	1.5
1801 - 2400	----	----	----	.5	.5	.5	1.0	1.0	1.0	1.0	1.0	1.0
DAILY VALUE	----	----	----	.5	.6	1.0	1.0	1.1	1.5	1.0	1.1	1.5
0001 - 0600	----	----	----	.5	.5	.5	1.0	1.0	1.0	1.0	1.0	1.0
0601 - 1200	----	----	----	.5	.7	1.0	1.5	1.8	2.0	1.0	1.3	2.0
1201 - 1800	----	----	----	.5	.8	1.0	1.5	1.8	2.0	1.0	1.5	2.0
1801 - 2400	----	----	----	.5	.5	.5	1.0	1.2	1.5	1.0	1.0	1.0
DAILY VALUE	----	----	----	.5	.6	1.0	1.0	1.5	2.0	1.0	1.2	2.0
0001 - 0600	----	----	----	.5	.5	.5	1.0	1.0	1.0	1.0	1.0	1.0
0601 - 1200	----	----	----	.5	.5	.5	1.0	1.0	1.0	1.0	1.2	1.5
1201 - 1800	----	----	----	.5	.7	1.0	1.0	1.0	1.0	1.0	1.2	1.5
1801 - 2400	----	----	----	.5	.5	.5	1.0	1.0	1.0	.5	.8	1.0
DAILY VALUE	----	----	----	.5	.5	1.0	1.0	1.0	1.0	.5	1.0	1.5
0001 - 0600	----	----	----	.5	.5	.5	1.0	1.0	1.0	.5	.5	.5
0601 - 1200	----	----	----	.5	.5	.5	1.5	1.8	2.0	.5	1.0	1.5
1201 - 1800	----	----	----	.5	.8	1.0	1.5	1.5	1.5	1.0	1.2	1.5
1801 - 2400	----	----	----	.5	.8	1.0	1.5	1.5	1.5	1.0	1.0	1.0
DAILY VALUE	----	----	----	.5	.7	1.0	1.0	1.5	2.0	.5	.9	1.5
0001 - 0600	----	----	----	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0
0601 - 1200	----	----	----	1.0	1.2	1.5	1.5	1.7	2.0	1.0	1.2	1.5
1201 - 1800	----	----	----	1.0	1.0	1.0	1.5	1.8	2.0	1.0	1.2	1.5
1801 - 2400	----	----	----	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0
DAILY VALUE	----	----	----	1.0	1.0	1.5	1.5	1.6	2.0	1.0	1.1	1.5
0001 - 0600	----	----	----	1.0	1.0	1.0	1.0	1.0	1.0	MONTHLY VALUE		
0601 - 1200	----	----	----	1.0	1.0	1.0	1.5	1.7	2.0			
1201 - 1800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	2.0	.5	1.0	2.0
1801 - 2400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			
DAILY VALUE	1.0	----	1.0	1.0	1.0	1.0	1.0	1.3	2.0			

- APRIL 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	.5	.5	.5	1.0	1.0	1.0	1.5	1.5	1.5	2.0	2.2	2.5
0601 - 1200	1.0	1.0	1.0	1.5	2.3	3.0	2.0	2.8	3.5	3.0	3.8	4.5
1201 - 1800	.5	.7	1.0	1.5	2.0	2.5	2.0	2.7	3.5	3.0	3.8	4.5
1801 - 2400	.5	.5	.5	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.2	2.5
DAILY VALUE	.5	.7	1.0	1.0	1.6	3.0	1.5	2.2	3.5	2.0	3.0	4.5
0001 - 0600	.5	.5	.5	1.0	1.0	1.0	1.5	1.5	1.5	2.0	2.0	2.0
0601 - 1200	.5	.8	1.0	1.5	2.3	3.0	2.0	2.7	3.0	2.5	3.7	4.5
1201 - 1800	.5	.8	1.0	1.5	2.0	2.5	1.5	2.2	3.0	2.5	3.7	5.0
1801 - 2400	.5	.5	.5	1.0	1.0	1.0	1.0	1.3	1.5	2.0	2.0	2.0
DAILY VALUE	.5	.7	1.0	1.0	1.6	3.0	1.0	1.9	3.0	2.0	2.8	5.0
0001 - 0600	.5	.5	.5	1.0	1.0	1.0	.5	.8	1.0	2.0	2.2	2.5
0601 - 1200	.5	1.0	1.5	1.5	2.3	3.0	1.5	2.3	3.0	3.0	3.5	4.0
1201 - 1800	1.0	1.0	1.0	1.0	1.7	2.5	1.0	1.8	2.5	3.0	3.7	4.0
1801 - 2400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.5	2.0	2.2	2.5
DAILY VALUE	.5	.9	1.5	1.0	1.5	3.0	.5	1.5	3.0	2.0	2.9	4.0
0001 - 0600	.5	.8	1.0	1.0	1.0	1.0	1.5	1.7	2.0	2.0	2.2	2.5
0601 - 1200	1.0	1.2	1.5	1.0	2.2	3.0	2.5	3.7	4.5	3.5	4.0	4.5
1201 - 1800	1.0	1.2	1.5	1.0	2.0	3.0	2.5	3.2	4.0	2.5	3.2	4.0
1801 - 2400	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.5	1.8	2.0
DAILY VALUE	.5	1.0	1.5	1.0	1.5	3.0	1.5	2.6	4.5	1.5	2.8	4.5
0001 - 0600	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.8	2.5	1.5	1.5	1.5
0601 - 1200	1.0	1.5	2.0	1.0	2.2	3.0	3.0	4.0	5.0	2.5	3.5	4.0
1201 - 1800	1.0	1.5	2.0	1.0	1.8	3.0	2.5	3.3	4.0	2.0	2.8	3.5
1801 - 2400	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.2	2.5	1.0	1.2	1.5
DAILY VALUE	1.0	1.2	2.0	1.0	1.5	3.0	1.5	2.8	5.0	1.0	2.2	4.0
0001 - 0600	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.2	1.5
0601 - 1200	1.0	1.8	2.5	1.5	2.0	2.5	3.0	4.0	4.5	2.5	3.8	5.0
1201 - 1800	1.5	1.7	2.0	1.5	1.8	2.0	2.5	3.3	4.0	2.5	3.5	4.5
1801 - 2400	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0	1.5	1.7	2.0
DAILY VALUE	1.0	1.5	2.5	1.0	1.6	2.5	2.0	2.8	4.5	1.0	2.5	5.0
0001 - 0600	1.0	1.0	1.0	1.0	1.2	1.5	1.5	2.0	2.5	-----	-----	-----
0601 - 1200	1.5	2.2	2.5	2.0	2.8	3.5	3.0	3.5	4.0	-----	-----	-----
1201 - 1800	1.5	1.8	2.0	1.5	2.3	3.0	2.5	3.0	3.5	-----	-----	-----
1801 - 2400	1.0	1.0	1.0	1.0	1.3	1.5	2.0	2.0	2.0	-----	-----	-----
DAILY VALUE	1.0	1.5	2.5	1.0	1.9	3.5	1.5	2.6	4.0	-----	-----	-----
0001 - 0600	1.0	1.2	1.5	1.0	1.2	1.5	2.0	2.2	2.5	-----	-----	-----
0601 - 1200	1.5	1.5	1.5	1.5	3.0	4.0	3.0	3.3	3.5	MONTHLY VALUE		
1201 - 1800	1.0	1.5	2.0	2.0	3.0	4.0	2.5	3.0	3.5	-----		
1801 - 2400	1.0	1.0	1.0	1.5	1.7	2.0	2.0	2.0	2.0	.5	1.9	5.0
DAILY VALUE	1.0	1.3	2.0	1.0	2.2	4.0	2.0	2.6	3.5	-----		

Appendix Table 4-C-46 Thermograph data summary, winter intragravel water temperature (C), Slough 9 below Tributary B, RM 129.0, Geocode S30N03W16ABC.

- FEBRUARY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	----	----	----	----	----	----	.5	.5	.5	1.0	1.0	1.0
0601 - 1200	----	----	----	----	----	----	.5	.5	.5	1.0	1.0	1.0
1201 - 1800	----	----	----	1.0	----	1.0	.5	.8	1.0	1.5	1.5	1.5
1801 - 2400	----	----	----	.5	.8	1.0	.5	.5	.5	1.0	1.0	1.0
DAILY VALUE	----	----	----	.5	----	1.0	.5	.6	1.0	1.0	1.1	1.5
0001 - 0600	----	----	----	.5	.5	.5	.5	.5	.5	1.0	1.0	1.0
0601 - 1200	----	----	----	.5	.5	.5	.5	.5	.5	1.0	1.0	1.0
1201 - 1800	----	----	----	.5	.5	.5	.5	.8	1.0	1.0	1.3	1.5
1801 - 2400	----	----	----	.5	.5	.5	.5	.5	.5	1.0	1.0	1.0
DAILY VALUE	----	----	----	.5	.5	.5	.5	.6	1.0	1.0	1.1	1.5
0001 - 0600	----	----	----	.5	.5	.5	.5	.5	.5	1.0	1.0	1.0
0601 - 1200	----	----	----	.5	.5	.5	.5	.7	1.0	1.0	1.0	1.0
1201 - 1800	----	----	----	.5	.5	.5	1.0	1.0	1.0	1.5	1.5	1.5
1801 - 2400	----	----	----	.5	.5	.5	1.0	1.0	1.0	1.0	1.0	1.0
DAILY VALUE	----	----	----	.5	.5	.5	.5	.8	1.0	1.0	1.1	1.5
0001 - 0600	----	----	----	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0
0601 - 1200	----	----	----	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0
1201 - 1800	----	----	----	0.0	.3	.5	1.0	1.0	1.0	1.5	1.5	1.5
1801 - 2400	----	----	----	0.0	0.0	0.0	.5	.5	.5	1.0	1.0	1.0
DAILY VALUE	----	----	----	0.0	.1	.5	.5	.9	1.0	1.0	1.1	1.5
0001 - 0600	----	----	----	0.0	0.0	0.0	.5	.5	.5	----	----	----
0601 - 1200	----	----	----	0.0	0.0	0.0	.5	.5	.5	----	----	----
1201 - 1800	----	----	----	0.0	0.0	0.0	.5	.8	1.0	----	----	----
1801 - 2400	----	----	----	0.0	0.0	0.0	.5	.5	.5	----	----	----
DAILY VALUE	----	----	----	0.0	0.0	0.0	.5	.6	1.0	----	----	----
0001 - 0600	----	----	----	0.0	0.0	0.0	.5	.5	.5	----	----	----
0601 - 1200	----	----	----	0.0	0.0	0.0	.5	.5	.5	----	----	----
1201 - 1800	----	----	----	0.0	0.0	0.0	.5	.8	1.0	----	----	----
1801 - 2400	----	----	----	0.0	0.0	0.0	.5	.5	.5	----	----	----
DAILY VALUE	----	----	----	0.0	0.0	0.0	.5	.6	1.0	----	----	----
0001 - 0600	----	----	----	0.0	0.0	0.0	.5	.5	.5	----	----	----
0601 - 1200	----	----	----	0.0	0.0	0.0	.5	.5	.5	----	----	----
1201 - 1800	----	----	----	0.0	0.0	0.0	1.0	1.0	1.0	----	----	----
1801 - 2400	----	----	----	0.0	0.0	0.0	.5	.8	1.0	----	----	----
DAILY VALUE	----	----	----	0.0	0.0	0.0	.5	.7	1.0	----	----	----
0001 - 0600	----	----	----	0.0	0.0	0.0	.5	.5	.5	MONTHLY VALUE		
0601 - 1200	----	----	----	0.0	0.0	0.0	.5	.7	1.0	MONTHLY VALUE		
1201 - 1800	----	----	----	.5	.5	.5	1.0	1.0	1.0	MONTHLY VALUE		
1801 - 2400	----	----	----	.5	.5	.5	1.0	1.0	1.0	0.0	.6	1.5
DAILY VALUE	----	----	----	0.0	.2	.5	.5	.8	1.0	MONTHLY VALUE		

4-C-203

Appendix Table 4-C-46 Cont.

- MARCH 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.2	1.5	2.0	2.0	2.0
0601 - 1200	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.2	1.5	2.0	2.0	2.0
1201 - 1800	1.5	1.5	1.5	2.0	2.0	2.0	1.5	1.8	2.0	1.5	1.8	2.0
1801 - 2400	1.0	1.2	1.5	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0
DAILY VALUE	1.0	1.2	1.5	2.0	2.0	2.0	1.0	1.5	2.0	1.0	1.7	2.0
0001 - 0600	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	.5	.8	1.0
0601 - 1200	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.2	1.5
1201 - 1800	1.5	1.5	1.5	2.0	2.0	2.0	2.0	2.3	2.5	1.0	1.3	1.5
1801 - 2400	1.0	1.0	1.0	1.0	1.3	1.5	2.0	2.0	2.0	.5	.8	1.0
DAILY VALUE	1.0	1.1	1.5	1.0	1.8	2.0	2.0	2.1	2.5	.5	1.0	1.5
0001 - 0600	1.0	1.0	1.0	.5	.8	1.0	2.0	2.0	2.0	.5	.5	.5
0601 - 1200	1.0	1.0	1.0	.5	.7	1.0	1.5	1.7	2.0	.5	.8	1.0
1201 - 1800	1.0	1.3	1.5	1.5	1.5	1.5	2.0	2.0	2.0	1.0	1.3	1.5
1801 - 2400	1.0	1.0	1.0	1.0	1.2	1.5	2.0	2.0	2.0	1.0	1.0	1.0
DAILY VALUE	1.0	1.1	1.5	.5	1.0	1.5	1.5	1.9	2.0	.5	.9	1.5
0001 - 0600	.5	.5	.5	.5	.5	.5	2.0	2.0	2.0	.5	.8	1.0
0601 - 1200	.5	.8	1.0	1.0	1.2	1.5	2.0	2.0	2.0	.5	1.0	1.5
1201 - 1800	1.5	1.5	1.5	1.5	1.7	2.0	2.0	2.0	2.0	1.0	1.2	1.5
1801 - 2400	1.5	1.5	1.5	1.0	1.0	1.0	2.0	2.0	2.0	.5	.5	.5
DAILY VALUE	.5	1.1	1.5	.5	1.1	2.0	2.0	2.0	2.0	.5	.9	1.5
0001 - 0600	1.5	1.5	1.5	.5	.7	1.0	1.5	1.5	1.5	.5	.5	.5
0601 - 1200	1.0	1.3	1.5	.5	.7	1.0	1.5	1.5	1.5	.5	.7	1.0
1201 - 1800	2.0	2.0	2.0	1.0	1.3	1.5	1.5	1.7	2.0	.5	.8	1.0
1801 - 2400	1.5	1.7	2.0	.5	.7	1.0	2.0	2.0	2.0	.5	.5	.5
DAILY VALUE	1.0	1.6	2.0	.5	.8	1.5	1.5	1.7	2.0	.5	.6	1.0
0001 - 0600	1.5	1.5	1.5	.5	.5	.5	2.0	2.0	2.0	.5	.5	.5
0601 - 1200	1.5	1.7	2.0	.5	.7	1.0	2.0	2.2	2.5	.5	.7	1.0
1201 - 1800	2.0	2.0	2.0	1.5	1.5	1.5	2.0	2.3	2.5	.5	.7	1.0
1801 - 2400	2.0	2.0	2.0	1.0	1.0	1.0	2.0	2.0	2.0	0.0	0.0	0.0
DAILY VALUE	1.5	1.8	2.0	.5	.9	1.5	2.0	2.1	2.5	0.0	.5	1.0
0001 - 0600	2.0	2.0	2.0	1.0	1.0	1.0	2.0	2.0	2.0	0.0	0.0	0.0
0601 - 1200	2.0			1.0	1.2	1.5	2.0	2.2	2.5	0.0	.2	.5
1201 - 1800	2.0			2.0	2.0	2.0	2.5	2.5	2.5	.5	.5	.5
1801 - 2400	2.0		2.0	1.5	1.7	2.0	2.0	2.0	2.0	0.0	0.0	0.0
DAILY VALUE	2.0	2.0	2.0	1.0	1.5	2.0	2.0	2.2	2.5	0.0	.2	.5
0001 - 0600	2.0	2.0	2.0	1.5	1.5	1.5	2.0	2.0	2.0	-----		
0601 - 1200	2.0	2.0	2.0	1.5	1.7	2.0	2.0	2.2	2.5	MONTHLY VALUE		
1201 - 1800	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.5	-----		
1801 - 2400	2.0	2.0	2.0	1.5	1.5	1.5	2.0	2.0	2.0	0.0	1.4	2.5
DAILY VALUE	2.0	2.0	2.0	1.5	1.7	2.0	2.0	2.1	2.5	-----		

- APRIL 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0
0601 - 1200	0.0	.2	.5	1.0	1.5	2.0	1.5	1.7	2.0	2.5	3.0	3.5
1201 - 1800	0.0	.3	.5	1.5	1.8	2.0	2.0	2.0	2.0	2.5	3.0	3.5
1801 - 2400	0.0	0.0	0.0	1.0	1.0	1.0	1.5	1.5	1.5	2.0	2.0	2.0
DAILY VALUE	0.0	.1	.5	1.0	1.3	2.0	1.0	1.5	2.0	2.0	2.5	3.5
0001 - 0600	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.3	1.5	1.5	1.8	2.0
0601 - 1200	0.0	.3	.5	1.0	1.5	2.0	1.0	1.7	2.0	2.5	3.5	4.5
1201 - 1800	.5	.5	.5	1.5	1.8	2.0	1.5	1.8	2.0	2.5	3.5	4.5
1801 - 2400	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.2	1.5	2.0	2.2	2.5
DAILY VALUE	0.0	.2	.5	1.0	1.3	2.0	1.0	1.5	2.0	1.5	2.7	4.5
0001 - 0600	0.0	0.0	0.0	1.0	1.0	1.0	.5	.5	.5	2.0	2.0	2.0
0601 - 1200	0.0	.2	.5	1.0	1.5	2.0	1.0	1.7	2.0	2.5	2.8	3.0
1201 - 1800	.5	.5	.5	1.5	1.8	2.0	1.5	1.8	2.0	2.5	3.2	3.5
1801 - 2400	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.3	2.5
DAILY VALUE	0.0	.2	.5	1.0	1.3	2.0	.5	1.2	2.0	2.0	2.6	3.5
0001 - 0600	0.0	0.0	0.0	.5	.8	1.0	1.0	1.0	1.0	2.0	2.2	2.5
0601 - 1200	0.0	.2	.5	1.0	1.3	2.0	1.5	2.0	2.5	3.0	3.7	4.0
1201 - 1800	.5	.5	.5	1.5	1.8	2.0	2.0	2.5	3.0	3.0	3.5	4.0
1801 - 2400	0.0	.3	.5	1.0	1.0	1.0	1.5	1.5	1.5	2.5	2.5	2.5
DAILY VALUE	0.0	.2	.5	.5	1.2	2.0	1.0	1.7	3.0	2.0	3.0	4.0
0001 - 0600	0.0	.2	.5	.5	.7	1.0	1.0	1.3	1.5	2.0	2.0	2.0
0601 - 1200	.5	.8	1.0	1.0	1.5	2.0	2.0	2.5	3.0	3.0	3.8	4.5
1201 - 1800	1.0	1.0	1.0	1.5	1.8	2.0	2.0	2.2	2.5	3.0	3.7	4.5
1801 - 2400	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.7	2.0	2.0	2.2	2.5
DAILY VALUE	0.0	.7	1.0	.5	1.2	2.0	1.0	1.9	3.0	2.0	2.9	4.5
0001 - 0600	1.0	1.0	1.0	.5	.8	1.0	1.5	1.5	1.5	1.5	1.7	2.0
0601 - 1200	1.0	1.2	1.5	1.0	1.5	2.0	2.0	2.5	3.0	2.5	3.5	4.5
1201 - 1800	1.0	1.5	2.0	1.5	1.8	2.0	2.0	2.5	3.0	3.0	4.2	5.0
1801 - 2400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.5	2.0	2.3	2.5
DAILY VALUE	1.0	1.2	2.0	.5	1.3	2.0	1.0	2.0	3.0	1.5	2.9	5.0
0001 - 0600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.5	-----	-----	-----
0601 - 1200	1.0	1.3	1.5	1.5	1.8	2.0	2.0	2.7	3.0	-----	-----	-----
1201 - 1800	1.0	1.5	2.0	2.0	2.3	2.5	2.0	2.5	3.0	-----	-----	-----
1801 - 2400	1.0	1.0	1.0	1.0	1.2	1.5	1.5	1.5	1.5	-----	-----	-----
DAILY VALUE	1.0	1.2	2.0	1.0	1.6	2.5	1.0	2.0	3.0	-----	-----	-----
0001 - 0600	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5	-----		
0601 - 1200	.5	.8	1.0	1.5	1.8	2.0	2.0	2.5	3.0	MONTHLY VALUE		
1201 - 1800	1.0	1.0	1.0	2.0	2.3	2.5	2.0	2.5	3.0	-----		
1801 - 2400	1.0	1.0	1.0	1.0	1.3	1.5	2.0	2.0	2.0	0.0	1.5	5.0
DAILY VALUE	.5	1.0	1.0	1.0	1.6	2.5	1.5	2.1	3.0	-----		

Appendix Table 4-C-47 Cont.

- MARCH 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.0	1.0
0601 - 1200	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.0	1.0
1201 - 1800	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.0	1.0
1801 - 2400	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.0	1.0
DAILY VALUE	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.0	1.0
0001 - 0600	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.0	1.0
0601 - 1200	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.2	1.5	1.0	1.0	1.0
1201 - 1800	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0
1801 - 2400	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0
DAILY VALUE	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.2	1.5	1.0	1.0	1.0
0001 - 0600	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0
0601 - 1200	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0
1201 - 1800	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0
1801 - 2400	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	1.5	1.5	1.5
DAILY VALUE	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	1.0	1.1	1.5
0001 - 0600	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	1.5	1.5	1.5
0601 - 1200	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	1.5	1.5	1.5
1201 - 1800	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	1.5	1.5	1.5
1801 - 2400	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	1.5	1.8	2.0
DAILY VALUE	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	1.5	1.6	2.0
0001 - 0600	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	2.0	2.0	2.0
0601 - 1200	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	2.0	2.0	2.0
1201 - 1800	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	2.0	2.0	2.0
1801 - 2400	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	2.0	2.0	2.0
DAILY VALUE	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	2.0	2.0	2.0
0001 - 0600	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	2.0	2.0	2.0
0601 - 1200	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	2.0	2.0	2.0
1201 - 1800	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	2.0	2.0	2.0
1801 - 2400	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	2.0	2.0	2.0
DAILY VALUE	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	2.0	2.0	2.0
0001 - 0600	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	2.0	2.0	2.0
0601 - 1200	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	2.0	2.0	2.0
1201 - 1800	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	2.0	2.0	2.0
1801 - 2400	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	2.0	2.0	2.0
DAILY VALUE	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	2.0	2.0	2.0
0001 - 0600	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	MONTHLY VALUE		
0601 - 1200	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0			
1201 - 1800	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0	1.0	1.0 1.3 2.0		
1801 - 2400	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.0	1.0			
DAILY VALUE	1.0	1.1	1.5	1.5	1.5	1.5	1.0	1.0	1.0			

- APRIL 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	4.0	4.0	4.0
0601 - 1200	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.7	3.0	3.5	3.7	4.0
1201 - 1800	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.7	3.0	3.5	3.8	4.0
1801 - 2400	2.0	2.0	2.0	2.5	2.5	2.5	3.0	3.0	3.0	4.5	4.7	5.0
DAILY VALUE	2.0	2.0	2.0	2.0	2.1	2.5	2.5	2.8	3.0	3.5	4.0	5.0
0001 - 0600	2.0	2.0	2.0	2.5	2.5	2.5	3.0	3.0	3.0	4.5	4.7	5.0
0601 - 1200	2.0	2.0	2.0	2.5	2.5	2.5	3.0	3.0	3.0	4.0	4.0	4.0
1201 - 1800	2.0	2.0	2.0	2.5	2.5	2.5	3.0	3.0	3.0	4.0	4.3	4.5
1801 - 2400	2.0	2.0	2.0	2.5	2.5	2.5	3.0	3.0	3.0	5.0	5.0	5.0
DAILY VALUE	2.0	2.0	2.0	2.5	2.5	2.5	3.0	3.0	3.0	4.0	4.5	5.0
0001 - 0600	2.0	2.0	2.0	2.5	2.5	2.5	3.0	3.0	3.0	4.5	4.8	5.0
0601 - 1200	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.7	3.0	4.0	4.2	4.5
1201 - 1800	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.7	3.0	4.0	4.2	4.5
1801 - 2400	2.0	2.0	2.0	2.5	2.8	3.0	3.0	3.0	3.0	5.0	5.0	5.0
DAILY VALUE	2.0	2.0	2.0	2.5	2.6	3.0	2.5	2.8	3.0	4.0	4.5	5.0
0001 - 0600	2.0	2.0	2.0	2.5	2.8	3.0	2.5	2.8	3.0	5.0	5.0	5.0
0601 - 1200	2.0	2.0	2.0	2.0	2.2	2.5	2.5	2.5	2.5	4.0	4.3	4.5
1201 - 1800	2.0	2.0	2.0	2.0	2.2	2.5	2.5	2.7	3.0	4.5	4.7	5.0
1801 - 2400	2.5	2.5	2.5	2.5	2.8	3.0	3.0	3.0	3.0	5.0	5.3	5.5
DAILY VALUE	2.0	2.1	2.5	2.0	2.5	3.0	2.5	2.7	3.0	4.0	4.8	5.5
0001 - 0600	2.5	2.5	2.5	2.5	2.7	3.0	3.0	3.0	3.0	5.0	5.3	5.5
0601 - 1200	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	4.5	4.5	4.5
1201 - 1800	2.0	2.0	2.0	2.0	2.2	2.5	3.0	3.0	3.0	4.5	4.8	5.0
1801 - 2400	2.0	2.3	2.5	3.0	3.0	3.0	3.0	3.3	3.5	5.5	5.7	6.0
DAILY VALUE	2.0	2.2	2.5	2.0	2.5	3.0	3.0	3.1	3.5	4.5	5.1	6.0
0001 - 0600	2.0	2.2	2.5	2.5	2.8	3.0	3.5	3.5	3.5	5.0	5.5	6.0
0601 - 1200	2.0	2.0	2.0	2.5	2.5	2.5	3.0	3.2	3.5	5.0	5.0	5.0
1201 - 1800	2.0	2.0	2.0	2.5	2.7	3.0	3.0	3.2	3.5	5.0	5.0	5.0
1801 - 2400	2.5	2.5	2.5	3.0	3.0	3.0	3.5	3.8	4.0	5.0	5.3	5.5
DAILY VALUE	2.0	2.2	2.5	2.5	2.7	3.0	3.0	3.4	4.0	5.0	5.2	6.0
0001 - 0600	2.0	2.3	2.5	3.0	3.0	3.0	4.0	4.0	4.0	-----	-----	-----
0601 - 1200	2.0	2.0	2.0	2.5	2.7	3.0	3.5	3.5	3.5	-----	-----	-----
1201 - 1800	2.0	2.0	2.0	2.5	2.7	3.0	3.5	3.7	4.0	-----	-----	-----
1801 - 2400	2.0	2.3	2.5	3.0	3.0	3.0	4.0	4.0	4.0	-----	-----	-----
DAILY VALUE	2.0	2.2	2.5	2.5	2.8	3.0	3.5	3.8	4.0	-----	-----	-----
0001 - 0600	2.0	2.2	2.5	3.0	3.0	3.0	4.0	4.0	4.0	-----		
0601 - 1200	2.0	2.0	2.0	3.0	3.0	3.0	3.5	3.7	4.0	MONTHLY VALUE		
1201 - 1800	2.0	2.0	2.0	3.0	3.0	3.0	3.5	3.8	4.0	-----		
1801 - 2400	2.0	2.0	2.0	3.0	3.0	3.0	4.0	4.0	4.0	2.0	3.0	6.0
DAILY VALUE	2.0	2.0	2.5	3.0	3.0	3.0	3.5	3.9	4.0	-----		

Appendix Table 4-C-48 Thermograph data summary, winter intragravel water temperature (C), Slough 19, RM 140.0, Geocode S31N11W10DBB.

- FEBRUARY 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
0601 - 1200	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1201 - 1800	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1801 - 2400	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
DAILY VALUE	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
0001 - 0600	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
0601 - 1200	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1201 - 1800	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1801 - 2400	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
DAILY VALUE	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
0001 - 0600	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
0601 - 1200	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1201 - 1800	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1801 - 2400	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
DAILY VALUE	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
0001 - 0600	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
0601 - 1200	-----	-----	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
1201 - 1800	4.0	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
1801 - 2400	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
DAILY VALUE	4.0	-----	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
0001 - 0600	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
0601 - 1200	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
1201 - 1800	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
1801 - 2400	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
DAILY VALUE	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
0001 - 0600	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
0601 - 1200	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
1201 - 1800	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
1801 - 2400	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
DAILY VALUE	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
0001 - 0600	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
0601 - 1200	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
1201 - 1800	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
1801 - 2400	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
DAILY VALUE	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----
0001 - 0600	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	MONTHLY VALUE	
0601 - 1200	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	
1201 - 1800	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-----	
1801 - 2400	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
DAILY VALUE	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0

Appendix Table 4-C-4B Cont.

- MARCH 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
0601 - 1200	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1201 - 1800	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.3	4.5
1801 - 2400	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5	4.5	4.5
DAILY VALUE	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.2	4.5
0001 - 0600	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
0601 - 1200	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1201 - 1800	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.3	4.5
1801 - 2400	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5	4.5	4.5
DAILY VALUE	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.2	4.5
0001 - 0600	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
0601 - 1200	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1201 - 1800	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.3	4.5
1801 - 2400	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5	4.5	4.5
DAILY VALUE	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.2	4.5
0001 - 0600	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
0601 - 1200	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1201 - 1800	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1801 - 2400	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
DAILY VALUE	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
0001 - 0600	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
0601 - 1200	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1201 - 1800	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.3	4.5	4.0	4.0	4.0
1801 - 2400	4.0	4.0	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.0	4.0	4.0
DAILY VALUE	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.2	4.5	4.0	4.0	4.0
0001 - 0600	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	MONTHLY VALUE		
0601 - 1200	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0			
1201 - 1800	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.3	4.5	4.0	4.0	4.0
1801 - 2400	4.0	4.0	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.0	4.0	4.0
DAILY VALUE	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.2	4.5	4.0	4.0	4.5

- APRIL 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----
0601 - 1200	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----
1201 - 1800	4.0	4.0	4.0	4.5	4.5	4.5	-----	-----	-----	-----	-----	-----
1801 - 2400	4.0	4.0	4.0	4.0	4.3	4.5	-----	-----	-----	-----	-----	-----
DAILY VALUE	4.0	4.0	4.0	4.0	4.2	4.5	-----	-----	-----	-----	-----	-----
0001 - 0600	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----
0601 - 1200	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----
1201 - 1800	4.0	4.0	4.0	4.5	4.8	5.0	-----	-----	-----	-----	-----	-----
1801 - 2400	4.0	4.0	4.0	4.0	4.3	4.5	-----	-----	-----	-----	-----	-----
DAILY VALUE	4.0	4.0	4.0	4.0	4.3	5.0	-----	-----	-----	-----	-----	-----
0001 - 0600	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----
0601 - 1200	4.0	4.0	4.0	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----
1201 - 1800	4.0	4.0	4.0	4.5	4.8	5.0	-----	-----	-----	-----	-----	-----
1801 - 2400	4.0	4.0	4.0	4.5	4.7	5.0	-----	-----	-----	-----	-----	-----
DAILY VALUE	4.0	4.0	4.0	4.0	4.4	5.0	-----	-----	-----	-----	-----	-----
0001 - 0600	4.0	4.0	4.0	4.5	4.5	4.5	-----	-----	-----	-----	-----	-----
0601 - 1200	4.0	4.0	4.0	4.5	4.5	4.5	-----	-----	-----	-----	-----	-----
1201 - 1800	4.0	4.0	4.0	4.5	4.8	5.0	-----	-----	-----	-----	-----	-----
1801 - 2400	4.0	4.0	4.0	4.5	4.7	5.0	-----	-----	-----	-----	-----	-----
DAILY VALUE	4.0	4.0	4.0	4.5	4.6	5.0	-----	-----	-----	-----	-----	-----
0001 - 0600	4.0	4.0	4.0	4.0	4.2	4.5	-----	-----	-----	-----	-----	-----
0601 - 1200	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
1201 - 1800	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
1801 - 2400	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAILY VALUE	4.0	4.0	4.0	4.0	-----	4.5	-----	-----	-----	-----	-----	-----
0001 - 0600	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
0601 - 1200	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
1201 - 1800	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
1801 - 2400	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAILY VALUE	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
0001 - 0600	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
0601 - 1200	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
1201 - 1800	4.0	4.3	4.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
1801 - 2400	4.0	4.3	4.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAILY VALUE	4.0	4.2	4.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
0001 - 0600	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
0601 - 1200	4.0	4.0	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
1201 - 1800	4.0	4.3	4.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
1801 - 2400	4.0	4.2	4.5	-----	-----	-----	-----	-----	-----	-----	4.0	5.0
DAILY VALUE	4.0	4.1	4.5	-----	-----	-----	-----	-----	-----	-----	-----	-----

Appendix Table 4-C-49 Cont.

- MARCH 1982 -

TIME PERIOD	DAYS 1 - 8			DAYS 9 - 16			DAYS 17 - 24			DAYS 25 - 31		
	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
0001 - 0600	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
0601 - 1200	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1201 - 1800	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1801 - 2400	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
DAILY VALUE	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
0001 - 0600	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
0601 - 1200	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1201 - 1800	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1801 - 2400	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
DAILY VALUE	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
0001 - 0600	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
0601 - 1200	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1201 - 1800	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1801 - 2400	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
DAILY VALUE	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
0001 - 0600	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
0601 - 1200	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1201 - 1800	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1801 - 2400	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
DAILY VALUE	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
0001 - 0600	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
0601 - 1200	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1201 - 1800	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1801 - 2400	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
DAILY VALUE	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
0001 - 0600	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	-----		
0601 - 1200	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	MONTHLY VALUE		
1201 - 1800	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	-----		
1801 - 2400	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
DAILY VALUE	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0

Appendix Table 4-C-50. Instantaneous intragravel water temperatures obtained at salmon spawning redds in Slough 8A, Susitna River, Alaska, 1982.

Date	Time (hours)		Redd No.	Salmon Species	Intragravel Temp (°C)	Surface Temp (°C)
	Begin	End				
August 26, 1982	1830	1920	03	Chum	11.4	12.6
			02	Chum	11.2	13.0
			04	Chum	-.-	13.2
			15	Chum	-.-	13.2
			14	Chum	-.-	13.2
			13	Chum	-.-	12.8
			11	Chum	-.-	13.2
			09	Chum	-.-	13.2
			08	Chum	-.-	13.2
			07	Chum	-.-	13.2
			06	Chum	-.-	13.1
			05	Chum	-.-	13.0
			10	Chum	-.-	13.2
			01	Chum	-.-	13.0
	1945	2039	12	Chum	-.-	13.0
			01	Pink	-.-	13.0
			22	Chum	-.-	12.4
			21	Chum	-.-	12.4
			16	Chum	-.-	12.4
			18	Chum	-.-	12.4
			17	Chum	-.-	12.0
			19	Chum	-.-	12.4
			24	Chum	-.-	12.0
			25	Chum	-.-	12.0
			26	Chum	-.-	11.5
			27	Chum	-.-	11.0
			September 6, 1982	1540	1910	40
41	Chum	5.1				7.6
42	Chum	6.7				7.6
43	Chum	4.9				7.6
44	Chum	6.1				7.6
45	Chum	-.-				7.6
46	Chum	4.9				7.6
47	Chum	5.7				7.6
48	Chum	6.9				7.6
49	Chum	5.2				7.6
01	Sockeye	7.4				7.6
50	Chum	-.-				7.6

Appendix Table 4-C-51. Instantaneous intragravel temperatures obtained at salmon spawning redds in Slough 9, Susitna River, Alaska, 1982.

Date	Time (hours)		Redd No.	Salmon Species	Intragravel Temp (°C)	Surface Temp (°C)
	Begin	End				
August 25, 1982	2040	2100	02	Pink	11.0	10.0
			03	Pink	11.1	10.0
August 26, 1982	0955	1400	01	Chum	-.-	8.8
			01	Chum	3.8	8.2
			02	Chum	4.0	7.6
			03	Chum	3.4	7.6
			04	Chum	4.2	7.8
			06	Chum	3.9	8.8
			--	Chum	5.3	9.2
			--	Chum	4.8	9.8
			27	Chum	4.8	9.8
			26	Chum	4.4	8.8
			07	Chum	4.5	9.4
			--	Chum	6.8	9.2
			--	Chum	6.4	10.4
			08	Chum	5.2	9.8
			09	Chum	4.3	9.4
			10	Chum	4.7	9.2
			11	Chum	4.7	9.4
			12	Chum	6.0	9.2
			13	Chum	5.4	9.4
			14	Chum	4.0	9.2
15	Chum	4.5	9.2			
16	Chum	4.5	9.6			
--	Chum	6.0	10.0			
17	Chum	5.4	10.0			
19	Chum	3.9	11.0			
20	Chum	3.5	10.2			
21	Chum	4.0	9.6			
22	Chum	4.4	10.4			
25	Chum	6.3	10.1			
September 5, 1982	1344	1910	26	Chum	8.2	8.7
			27	Chum	8.2	8.9
			28	Chum	7.8	8.9
			29	Chum	6.4	8.8
			30	Chum	5.9	8.6
			31	Chum	6.0	8.8
			32	Chum	6.1	8.8
			33	Chum	6.1	8.9
			34	Chum	7.0	9.0
			35	Chum	6.1	8.8
			36	Chum	4.6	8.4
			37	Chum	5.5	8.8
			38	Chum	4.2	8.8

Appendix Table 4-C-51 (Continued)

<u>Date</u>	<u>Time (hours)</u>		<u>Redd No.</u>	<u>Salmon Species</u>	<u>Intragravel Temp (°C)</u>	<u>Surface Temp (°C)</u>
	<u>Begin</u>	<u>End</u>				
September 5, 1982	1344	1910	39	Chum	-.-	9.0
			40	Chum	-.-	9.0
			41	Chum	-.-	8.8
			42	Chum	-.-	8.6
			43	Chum	-.-	8.6
			44	Chum	-.-	7.0
September 6, 1982	1040	1200	45	Chum	-.-	6.6

Appendix Table 4-C-52. Instantaneous intragravel water temperatures obtained at salmon spawning redds in Slough 11, Susitna River, Alaska, 1982.

Date	Time (hours)		Redd No.	Salmon Species	Intragravel Temp (°C)	Surface Temp (°C)
	Begin	End				
September 6, 1982	N/A	N/A	--	Chum	5.0	7.1
			--	Chum	6.1	7.0
			--	Chum	-.-	7.0
			--	Chum	4.3	6.8
			--	Chum	4.3	6.8
			--	Sockeye	5.3	6.8
			--	Chum	4.1	7.0
September 20, 1982	1030	1745	01	Sockeye	3.1	-.-
			02	Sockeye	4.1	-.-
			03	Sockeye	3.2	-.-
			04	Sockeye	3.4	-.-
			05	Sockeye	3.1	-.-
			06	Sockeye	3.2	-.-
			07	Sockeye	3.2	-.-
			01	Chum	4.6	-.-
			02	Chum	4.3	-.-
			03	Chum	4.9	-.-
			08	Sockeye	4.0	-.-
			04	Sockeye	4.5	-.-
			05	Sockeye	4.4	-.-
			06	Sockeye	5.0	-.-
			09	Sockeye	4.2	-.-
			08	Chum	5.5	-.-
			10	Sockeye	3.0	-.-
			11	Sockeye	3.1	-.-
			12	Sockeye	3.0	-.-
			13	Sockeye	3.6	-.-
			14	Sockeye	3.5	-.-
			15	Sockeye	3.1	-.-
16	Sockeye	3.2	-.-			
17	Sockeye	3.2	-.-			
18	Sockeye	3.2	-.-			
09	Chum	3.1	-.-			
19	Sockeye	3.4	-.-			
20	Sockeye	3.4	-.-			
21	Sockeye	3.0	-.-			
22	Sockeye	3.2	-.-			

Appendix Table 4-C-53. Instantaneous intragravel water temperatures obtained at salmon spawning redds in Slough 21, Susitna River, Alaska, 1982.

Date	Time (hours)		Redd No.	Salmon Species	Intragravel Temp (°C)	Surface Temp (°C)
	Begin	End				
September 3, 1982	1720	N/A	01	Chum	5.5	6.6
			02	Chum	4.9	6.3
			03	Chum	4.7	6.3
			04	Chum	4.5	5.1
			05	Chum	5.0	5.5
September 4, 1982	1413	1600	06	Chum	4.7	7.4
			07	Chum	4.8	7.2
			08	Sockeye	4.8	7.5
			09	Chum	4.7	7.5
			10	Chum	4.9	7.4
			11	Chum	5.6	7.2
			12	Chum	5.5	7.4
			13	Chum	5.5	7.2
			14	Chum	4.6	7.3
			15	Chum	4.7	7.3
			16	Chum	4.6	7.6
			17	Chum	4.8	7.4
			18	Chum	4.5	7.3
			19	Chum	4.7	7.3
			20	Chum	5.2	7.4
			21	Chum	4.3	7.3
			22	Chum	4.6	7.3
			23	Chum	4.2	7.5
			24	Chum	4.6	7.4
			25	Chum	4.7	7.5
			26	Chum	4.6	7.4
			27	Chum	4.9	7.3
			28	Chum	4.2	7.3
			29	Chum	4.4	7.5
			30	Chum	4.0	7.5
			31	Chum	4.4	7.5
			32	Chum	4.4	7.6
			33	Chum	4.7	7.6
			34	Chum	4.8	8.7