

Technical Report Series
Number 85-7
Vol. 1

GEORGIA ESTUARINE DATA
1961-1977

Charles D. Winker
Louise C. Jaffe
James D. Howard

Georgia Marine Science Center
University System of Georgia
Skidaway Island, Georgia

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1961 - 1977

Technical Report 85-7
Vol. 1 (First of two volumes)

by
Charles D. Winker
Louise C. Jaffe
James D. Howard
Skidaway Institute of Oceanography
P.O. Box 13687
Savannah, Georgia 31416

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PREFACE

Effective determination of seasonal and long-term changes in estuarine hydrography requires careful examination of data collected over a long period of time. At present there is no data bank from which an investigator can obtain specific or general information on Georgia estuarine hydrography.

During the past 20-plus years, many physical oceanographers, geologists, biologists, and engineers have collected hydrographic data points from Georgia estuarine environments. These data were collected by many different people for different reasons and over a fairly long period of time. Nonetheless, these data are valuable to other workers and, in fact, may help to answer questions more important than those for which the data were originally collected. Field data, once lost, can never be re-obtained because they represent specific moments in time. It is senseless to let them be lost; their potential usefulness to future investigators is valuable beyond estimate.

We have attempted a comprehensive compilation of hydrographic data from the Georgia estuaries including depth, salinity, temperature, current velocity and direction, suspended sediments, turbidity, dissolved oxygen, pH, and tide observations. Use of this data bank will:

- permit monitoring of long-term changes in the environment by providing a baseline
- furnish reference material and help answer questions concerning the effect and destiny of industrial and municipal pollutants in the estuarine environment
- determine the routes and residual time in the estuaries of catastrophic events such as those related to petroleum and chemical spills
- supply needed information to coastal zone planners who are concerned with engineering, industrial and recreational projects
- reduce collection of data already recorded
- locate areas in which data are scarce and there is a need for additional study

Correlation with NOAA Program

Recently the National Oceanic and Atmospheric Administration (NOAA) initiated the Environmental Data Index (ENDEX) project which plans to catalog all readily available environmental data. The data which have been gathered for our compilation are being made available to the Environmental Data Base Directory (EDBD) part of ENDEX. EDBD is to be a "directory" of descriptions of environmental data files, with emphasis on data available from sources outside the National Data Centers.

SOURCES OF DATA

The following sources were examined to obtain data from studies conducted in the Georgia estuaries:

1. Published papers. Papers published on the Georgia estuaries in professional journals were reviewed to determine if the publications included hydrographic data. If so, the authors were contacted to obtain their original field data.
2. M.S. and Ph.D. theses. Same as above.
3. Technical reports. Same as above.
4. Ships' logs and cruise reports. Ship logs for the R/V Kit Jones and R/V Golden Isles were reviewed. Where the collection of hydrographic data was indicated, the principal scientist for the cruise was contacted to obtain copies of raw data.
5. Research proposals. Funded research proposals for Skidaway Institute, University of Georgia, and Georgia Institute of Technology were reviewed and principal investigators contacted.
6. Personal contacts. All investigators working or known to have worked in the Georgia coastal area were personally contacted. Use of any raw data they had collected was requested.
7. Corps of Engineers. Estuarine hydrography including studies published by Georgia Water Quality Control Board (GWQCB), and Environmental Protection Division (EPD) were

reviewed. We were unable to obtain the Savannah Prototype Survey (see supplementary references).

8. National Ocean Survey (NOS). The NOS (formerly USC&GS) monitored estuarine hydrography in selected areas in the past, and in 1974 completed their most recent collection. Cited are salinity and temperature data.

HOW TO USE THIS DATA COMPILATION

Station, depth, salinity, temperature, current velocity and direction, suspended sediments, turbidity, dissolved oxygen, pH, and tide observations compiled from these sources have been standardized and presented in tabular form.

Under the heading of distance (DIST), offset (OFFS), DATE and TIME, blank spaces indicate the value is the same as the previous entry. For all other data (depth, salinity, temperature, velocity, suspended matter, turbidity, dissolved oxygen, pH and tide) a blank space means no data available.

Description of Station Locations

All stations have been plotted with a grid format composed of thalweg distance and offset.

DIST (km)

The thalweg distance is the position in km of the station as measured along the thalweg, from an arbitrary point (0,0) at the inlet. Positive (+) values indicate distance upstream; negative (-) values indicate distance offshore. Thalweg distances in tributary streams were measured from the inlet of the trunk stream.

The thalweg, defined as the line connecting the deepest points of the main channel, was estimated from depth soundings and contours from NOS (formerly USC&GS) navigational charts at 1:40,000 and 1:20,000, or from USGS topographic maps at 1:24,000 for areas not covered by large scale NOS charts. Where the channel is maintained by dredging, the thalweg line is drawn along the range line. In areas where both ebb and flood channels are present, the thalweg line was drawn in the ebb channel. Offshore from the inlet, when channel position is variable

through time, sinuous, or nonexistent, an arbitrary straight line was chosen for the thalweg position.

Precision is to the nearest 0.1 km or, where position of the station was not accurately known, to the nearest 1 km. A dashed line indicates that no information on the station position was available. A blank space indicates the value was the same as the previous entry in the table.

OFFS (km)

Offset is the distance of the station, in km, from the thalweg line, measured normal to it. Positive (+) values indicate offset to the left when looking in the ebb direction; negative (-) values indicate offset to the right.

Precision is to the nearest 0.1 km or, where position of the station was not accurately known, to the nearest 1 km. A dashed line indicates that no information on the station position was available. A blank space indicates the same value as the previous entry.

Drainage systems with grid components are shown in figures 1 - 10.

Standardization of Data and Units

DATE (day-month-year)

Months have been abbreviated to the first three letters. Where precise date was not known, only the month and year are given. Data without month or year were rejected. All data points along a given thalweg are listed in chronological order.

TIME (2400 hour system)

Time ranges were standardized to read from 0001 to 2400 (12:01 AM to midnight of the date specified). Precision is the same as the original listing. Dashed line: no data available. Blank: same value as previous entry.

All times were converted to Eastern Standard Time (EST); on the assumption that all readings were originally made in local time (Daylight Savings Time when in effect), unless otherwise specified in the original data sheets.

Prior to 1967, Georgia operated on EST throughout the year. Since 1976, Daylight Savings Time beginning and ending at 0200, has occurred during the following days:

April 30	-	October 29,	1967
" 28	"	27,	68
" 27	"	26,	69
" 26	"	25,	70
" 25	"	31,	71
" 30	"	29,	72
" 29	"	28,	73
January 6	"	27,	74
February 23	"	26,	75
April 25	"	31,	76

DEPTH (m)

Indicated by depth of probe or sample bottle below water surface, measured in meters by the length of wire out. Number in parantheses next to depth indicates wire angle (applicable to SCOPE data only). Letter "b" indicates measurement at or near bottom, "m" indicates mid-depth.

Precision is to nearest 0.5 m. Blank: no data available,

SAL (o/oo)

Salinity was estimated from measurements of conductivity, refractivity (letter "r" next to value), or titration for chlorinity (letter "t" next to value). USGS, EPD, GWQCB, and Brunswick Junior College measured specific conductivity at 25°C. All other conductivity values were measured in situ with Beckman portable induction as measured by the instrument.

Precision is to the nearest 0.1 o/oo (ppt, gram/liter, parts per thousand). Precision for refractometer measurements is to the nearest 1 o/oo or 0.5 o/oo. Blank: no data.

TEMP (°C)

Precision to Nearest 0.1° or 1°. Blank: no data,

VEL (cm/sec)

Current velocity was measured by mechanical current probes. For information on specific instrumentation, consult individual studies (source list). Data were converted from knots or feet per second where necessary.

Precision to nearest 1 cm/sec. Blank: no data.

DIR (degrees, °)

Current direction: azimuth of current vector measured clockwise from magnetic north by current probe.

Precision to nearest 1°, 5°, or 10°. Blank: no data.

SUSP (mg/l)

Suspended sediments: evaporated dry weight of suspended solids per volume of water sample, including combustible solids.

Precision to nearest 1 milligram per liter (part per liter). Blank: no data.

TURB (% or cm)

Turbidity measurement in percent by transmissometer probe (indicated by "t" next to value) or depth of Secchi disc in centimeters (indicated by "s" next to value).

Precision is the same as original listing. Blank: no data.

DO (mg/l)

Dissolved oxygen measured by titration using Winkler method, or by Y.S.I. oxygen probe. For specific information or instrumentation, consult individual studies (source list).

Precision to nearest 0.1 milligrams per liter (parts per million).

PH

Measured by pH meter.

Precision to nearest 0.1, Blank: no data.

TIDE

Visual observation of tidal current at surface. Blank: no observation.

e, ebb	early ebb
ebb	ebb
l, ebb	late ebb
low	low slack or ebb slack
e, fld	early flood
flood	flood
l, fld	late flood
high	high slack or flood slack

SOURCE

Principal investigator or agency, followed by year of study as given in source list. For published studies, year refers to date of publication; for unpublished studies, to last year of study.

FORMAT

Data are presented in 10 sections each representing a specific estuarine drainage system from the Georgia coast. The drainage systems from north to south are:

Section 1	-Savannah
Section 2	-Wassaw
Section 3	-Ossabaw
Section 4	-St. Catherines
Section 5	-Sapelo
Section 6	-Doboy
Section 7	-Altamaha
Section 8	-St, Simons
Section 9	-St, Andrews
Section 10	-St. Marys

SECTION 7 - ALTAMAHA

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Butler River is a tributary of Altamaha River - Champney River, which is a tributary of Altamaha Sound - South Altamaha River. Buttermilk Sound is also a tributary of Altamaha Sound - South Altamaha River and is upstream of the latter.

A title page and map of that estuarine drainage system precede the data for each section.

ACKNOWLEDGMENTS

We thank the many researchers who responded to our request to dig through their files for unpublished data. This compilation was funded by a grant from the Georgia Sea Grant College Program.

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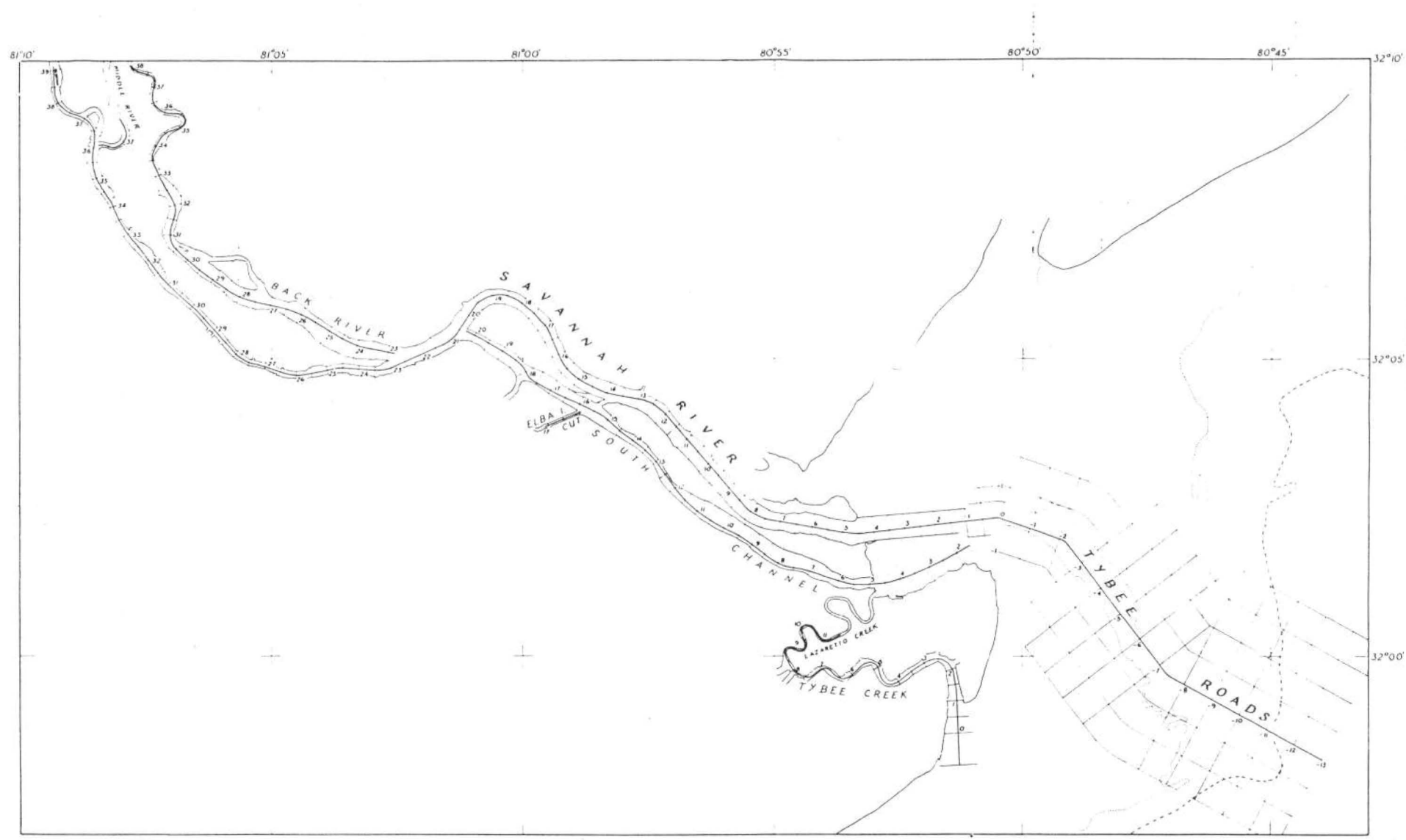


Figure 1. Station Locations, Savannah Section

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+39.1	0.0	15 Feb 68	0923	1 4.5		8.8 8.8			30 86		9.2 9.9	7.3 7.3		GWQCB, 1970
+35.5	0.0		1020	1 6		9.0 8.5				83	8.2 8.2	7.1 7.1		
+29.7	0.0		1053 1105	1 6	1.8t 16.5t				99 113		7.8 6.7	7.1 6.9		
+27.3	0.0		1126 1135	1 6	2.2t 3.1t				204 238		6.7 6.6	7.0 7.0		
+20.5	0.0		1255 1304	1 6	4.2t 4.2t				106 262			7.2 7.1		
+13.9	0.0		1345 1402	1 6	8.7t 10.9t	9.0			168 427		7.1 6.9	6.8 6.9		
+ 8.2	0.0		1438 1445	1 6	11.8t 11.8t	9.0			106 149		7.8 7.6	7.0 6.6		
		20 Mar 68	0949 0957	1 6	10.3t 18.8t	14.8			54 95		5.6 6.7	6.8 6.7		
+13.9	0.0		0934 1046	1 6	10.0t 13.0t	14.8			43 57		5.5 5.7	6.8 6.9		
+20.5	0.0		1115 1124	1 6	3.4t 7.4t	15.5 15.5			70 68		4.7 4.7	7.1 7.2		
+27.3	0.0		1225 1233	1 6	1.3t 2.2t	15.7 15.0			52 63		5.6 4.5	7.3 7.1		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+29.7	0.0	20 Mar 68	1312	1	1.1t	15.8			53		5.3	7.3		GWQCB, 1970
			1317	6	.8t	15.0			80		5.2	7.2		
+35.5	0.0		1346	1	.2t	16.0			29		6.7	7.4		
			1354	6	.1t	16.0			13		7.0	7.2		
+39.1	0.0		1413	1	.1t	15.5			15		7.5	7.3		
			1423	4.5	.1t				50		7.6	7.4		
		23 Apr 68	0957	1	.1t	20.2					7.3	7.3		
				4.5	.1t	20.2			49		7.5	7.2		
+35.5	0.0		1021	1	.1t	21.0			59		6.5	7.3		
			1032	6	.1t	21.0			57		6.4	7.2		
+29.7	0.0		1055	1	.2t	21.0			109		5.2	6.9		
			1101	6	.2t	21.0			137		5.4	6.9		
+27.3	0.0		1124	1	1.1t	27.0			63		4.6	6.8		
			1132	6	.8t	27.0			46		3.8	6.8		
+20.5	0.0		1237	1	3.7t	21.8			43		3.9	7.0		
			1250	6	5.4t	21.8			76		3.9	7.0		
+13.9	0.0		1330	1	10.7t	21.8			67		4.5	6.9		
			1328	6	14.2t	21.5			82		4.6	7.1		
+ 8.2	0.0		1411	1	18.5t	21.0			97		5.8	7.2		
			1418	6	22.6t	21.0			106		5.8	7.4		
		21 May 68	0905	1	11.8t	24.5			60		3.7	6.7		
			0912	6	17.0t	24.0			90		4.3	6.5		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+13.9	0.0	21 May 68	0940	1	8.0t	23.5			58		3.4	6.9		GWQCB, 1970
			0945	6	11.9t	23.5			69		3.5	6.8		
+20.5	0.0		1030	1	3.3t	23.5			46		2.4	7.1		
			1035	6	4.7t	23.5			68		2.7	7.2		
+27.3	0.0		1130	1	3.7t	23.5			44		4.6	7.0		
			1135	6	1.0t	23.0			59		4.3	7.4		
+29.7	0.0		1200	1	.1t	23.0			30		5.1	7.2		
			1205	6	.1t	23.0			35		5.6	7.6		
+35.5	0.0		1227	1	.1t	22.5			38		6.3	7.2		
			1238	6	.1t	22.5			47		6.3	7.6		
+39.1	0.0		1257	1	.1t	22.0			31		6.4	7.2		
			1300	4.5		22.0			46		6.8	7.6		
+ 8.2	0.0	19 Jun 68	0913	1	6.0t	25.8			72		3.4	6.8		
			0927	6	11.4t	26.1			74		3.4	7.0		
+13.9	0.0		0955	1	4.0t	25.9			50		3.3	6.8		
			1005	6	10.1t	26.0			78		3.0	7.0		
+20.5	0.0		1045	1	2.0t	25.1			48		3.9	6.7		
			1102	6	2.2t	25.0			34		2.9	6.7		
+27.3	0.0		1215	1	.1t	24.8			8		4.0	6.4		
			1212	6	.1t	24.6			40		4.1	6.6		
+29.7	0.0		1232	1		24.9			109		5.2	6.6		
			1239	6		24.5			137		5.4	6.7		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+35.5	0.0	19 Jun 68	1304	1 6		24.4 24.0			3 2		5.2 5.3	6.8 6.8		GWQCB, 1970
+39.1	0.0		1329 1334	1 4.5		24.4 24.2			27 15		5.2 5.1	6.8 6.5		
+ 8.2	0.0	17 Jul 68	0920 0927	1 6	10.0t 13.6t	28.2 28.0			35 50		3.0 2.7	6.8 7.0		
+13.9	0.0		0937 1005	1 6	10.0t 7.1t	28.0 28.0			50 59		2.4 2.5	6.8 6.8		
+20.5	0.0		1038 1045	1 6	2.6t 4.2t	28.2 28.0			40 32		2.6 1.9	6.6 6.7		
+27.3	0.0		1200 1210	1 6	.9t 2.7t	28.1 28.0			20 34		2.9 1.9	6.8 6.7		
+29.7	0.0		1030 1037	1 6	.4t	28.1 28.0			30 35		5.1 5.6	6.9 6.7		
+35.5	0.0		1300 1304	1 6	.1t	28.0 27.6			13 38		4.1 4.2	7.0 7.0		
+39.1	0.0		1330 1335	1 4.5		27.1 27.9			31 29		5.1 4.9	6.9 7.0		
+ 8.2	0.0	12 Aug 68	----- -----	1 6	26.6t 27.6t	30 30			193 134		4.4 4.0	6.1 7.4		
+13.9	0.0		----- -----	1 6	24.4t 24.4t	30 30			119 88		3.9 3.6	6.5 7.1		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+20.5	0.0	12 Aug 68	----	1	11.4t	31			37			6.8		GWQCB, 1970
			----	6	17.5t	31			111	2.4	6.8			
+27.3	0.0		----	1	3.1t	31			24		1.6	7.0		
			----	6	7.8t	31			62	1.1	6.6			
+29.7	0.0		----	1	2.0t	30.5			38		1.2	7.1		
			----	6	4.5t	30.5			39	0.8	6.6			
+35.5	0.0		----	1	.2t	30			19		2.5	7.2		
			----	4.5	1.7t	30			36	2.3	6.9			
+39.1	0.0		----	1	0 t	30			24		2.6	7.3		
			----	4.5	0 t	30			27	3.8	7.2			
+ 8.2	0.0	13 Aug 68	----	1	13.7t	30			108		3.3	6.7		
			----	6	22.2t	30			211	4.0	6.9			
+13.9	0.0		----	1	10.3t	30			83		3.0	6.8		
			----	6	13.7t	30			107	2.7	7.2			
+20.5	0.0		----	1	5.8t	30			63		1.6	7.0		
			----	6	9.0t	30			68	1.6	7.3			
+27.3	0.0		----	1	2.0t	30.5			14		1.9	7.2		
			----	6	3.1t	30			31	1.7	7.5			
+29.7	0.0		----	1	1.3t	30.5			12		2.5	7.2		
			----	6	1.5t	30			21	2.1	7.5			
+35.5	0.0		----	1	.1t	29.5			21		3.8	7.4		
			----	4.5	.1t	29.5			48		7.8			

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+39.1	0.0	13 Aug 68	----	1	0	t 29			11		5.2	7.4		GWQCB, 1970
			----	4.5	0	t 29			50		5.4	7.8		
+ 8.2	0.0	15 Aug 68	----	1	9.4	t 30			75		2.3	5.8		
			----	6	17.2	t 30			124		2.5	6.5		
+13.9	0.0		----	1	7.4	t 30			52		2.1	6.2		
			----	6	16.1	t 30			126		3.3	6.6		
+20.5	0.0		----	1	3.4	t 30			37		2.1	6.3		
			----	6	6.2	t 29.5			138		1.3	6.9		
+27.3	0.0		----	1	1.1	t 29			3		4.4	6.7		
			----	6	1.5	t 29			54		3.2	7.2		
+29.7	0.0		----	1	.2	t 29			31		4.6	6.8		
			----	6	.4	t 29			37		4.4	7.3		
+35.5	0.0		----	1		t 29			31		5.5	6.9		
			----	4.5	0	t 28.5			41		5.2	7.4		
+39.1	0.0		----	1	.2	t 28.5			101		4.9	6.8		
			----	4.5	0	t 28			58		5.5	7.0		
+ 8.2	0.0	16 Aug 68	----	1	9.4	t 30			49		2.4	6.1		
			----	6	20.2	t 30			175		2.7	6.2		
+13.9	0.0		----	1	7.6	t 30			23		2.4	6.4		
			----	6	20.1	t 30			157		2.4	6.6		
+20.5	0.0		----	1	4.5	t 30			11		2.3	6.6		
			----	6	10.9	t 30			85		1.4	6.9		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+27.3	0.0	16 Aug 68	----	1	1.3t	30			27		3.7	6.9		GWQCB, 1970
			----	6	1.5t	29.5			51		2.8	6.8		
+29.7	0.0		----	1	.4t	29			16		4.6	7.0		
			----	6	2.9t	29			15			6.9		
+35.5	0.0		----	1	.2t	29			18		5.4	7.1		
			----	4.5		28.5			6		5.2	7.0		
+39.1	0.0		----	1	.2t	28			16		5.9	7.0		
			----	4.5	0	28			9		5.9	7.3		
+ 8.2	0.0	19 Aug 68	----	1	11.2t	29.5			64		2.5	6.6		
			----	6	28.0t	30			94		3.7	6.7		
+13.9	0.0		----	1	10.9t	29.5			49		2.2	6.6		
			----	6	24.2t	30			86		2.8	6.3		
+20.5	0.0		----	1	6.3t	30			54		1.8	6.8		
			----	6	16.8t	30			106		1.4	6.7		
+27.3	0.0		----	1	2.7t	29			16		3.5	7.0		
			----	6	6.7t	29			54		2.5	7.0		
+29.7	0.0		----	1	1.8t				15		5.0	7.2		
			----	6	4.5t				52		3.9	7.1		
+35.5	0.0		----	1	.2t				13		5.9	7.4		
			----	4.5	.5t				22		5.7	7.5		
+39.1	0.0		----	1	.2t				1		6.0	7.6		
			----	4.5	0				53		5.9	7.8		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 8.2	0.0	20 Aug 68	----	1	13.2t	30			120		2.1	6.5		GWQCB, 1970
			----	6	24.0t	30.5			142		2.5	6.8		
+13.9	0.0		----	1	10.9t	30			69		1.7	6.8		
			----	6	22.2t	30.5			139		1.9	7.1		
+20.5	0.0		----	1	7.1t	29.5			76		1.7	7.0		
			----	6	13.6t				94		1.1	7.3		
+27.3			----	1	2.9t				45		3.8	7.0		
			----	6	5.1t				31		3.6	7.5		
+29.7			----	1	1.1t				28		4.8	7.2		
			----	6	3.3t				11		4.3	7.5		
+35.5			----	1	.2t				17		6.1	7.3		
			----	4.5	.2t				27		6.1	7.8		
+39.1			----	1	.2t				34		6.4	7.4		
			----	4.5	0				20		6.6	7.9		
+ 8.2		21 Aug 68	----	1	16.6t	30			132		2.5	6.7		
			----	6	27.8t	30.5			218		3.7	7.0		
+13.9			----	1	14.1t	30			129		2.1	6.8		
			----	6	26.4t	30			163		2.7	7.4		
+20.5			----	1	8.0t	29			41		1.6	6.9		
			----	6	19.9t	30			186		1.1	7.5		
+27.3			----	1	3.3t	28.5			72		2.2	7.0		
			----	6	6.5t	29			85		1.4	7.6		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+29.7		21 Aug 68	----	1	2.2t	28.5			16		4.2	7.1		GWQCB, 1970
			----	6	4.4t	29			61		2.5	7.6		
+35.5			----	1	.4t	28			19		5.5	7.1		
			----	4.5	.9t	28.5			27		2.0	7.7		
+39.1			----	1	.1t	28			13		6.2	7.2		
			----	4.5	0	28			35		6.2	8.1		
+ 8.2		22 Aug 68	----	1	24.8t	30			165		4.3	6.8		
			----	6	31.2t	30			339		4.8	7.2		
+13.9			----	1	21.7t	30			185		2.8	7.0		
			----	6	26.0t	30.5			82		3.4	7.4		
+20.5			----	1	13.6t	30			147		1.8	7.1		
			----	6	20.4t	30			217		2.2	7.5		
+27.3			----	1	3.3t	29.5			72		0.6	7.3		
			----	6	6.7t	30			98		0.4	7.6		
+29.7			----	1	2.4t	29			79		2.6	7.3		
			----	6	5.4t	29.5			93		0.9	7.5		
+35.5	0.0		----	1	1.0t	29.5			53		4.4	7.5		
			----	4.5	1.3t	29			66		4.3	7.7		
+39.1	0.0		----	1		28.5			62		5.7	7.7		
			----	4.5	0	29			51		5.7	8.0		
		8 Oct 68	0858	1	0	23.8			5		5.5	7.3		
			0915	4.5		23.8			39		5.4	7.5		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+35.5	0.0	8 Oct 68	0940	1 6	.1t	23.9 24.0			9 25		3.4 2.2	7.2 7.6		GWQCB, 1970
+29.7	0.0		1033 1042	1 6	2.0t	24.5 24.5			59 46		2.1 1.5	7.1 7.3		
+27.3	0.0		1105 1113	1 6	2.2t	24.8 24.8			45 74		1.9 1.7	7.0 7.3		
+20.5	0.0		1221 1230	1 6	5.3t	25.0 25.0			61 59		1.9 2.9	6.8 7.3		
+13.9	0.0		1306 1314	1 6	12.5t	25.2 25.2			107 83		3.3 3.7	6.7 7.2		
+ 8.2	0.0		1342 1353	1 6	15.4t	25.2 25.0			90 191		3.6 4.1	6.4 6.9		
		30 Oct 68	1013 1025	1 6		19.0 20.0			115 200		4.8 5.0	6.9 7.2		
+13.9	0.0		1052 1058	1 6	11.4t 17.0t	19.0 20.0			99 94		4.2 4.6	7.1 7.4		
+20.5	0.0		1137 1144	1 6	6.3t 8.2t	19.0 19.0			70 60		3.8 3.4	7.3 7.4		
+27.3	0.0		1240 1245	1 6	3.3t 5.3t	19.0 19.0			41 101		4.8 4.0	7.3 7.4		
+29.7	0.0		1315 1323	1 6	2.0t 3.6t	18.7 18.8			29 49		5.9 4.4	7.4 7.4		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+35.5	0.0	30 Oct 68	1346 1355	1 6	.4t	18.0 18.7			20 155		7.4 4.2	7.4 7.3		GWQCB, 1970
+39.1	0.0		1415 1423	1 4.5	.1t .1t	17.9 17.9			59 31		7.5 7.4	7.4 7.5		
+ 8.2	0.0	26 Nov 68	1035 1050	1 6	14.5t 25.5t	14.2			78 293		6.0 7.5	6.8 6.9		
+13.9	0.0		1118 1125	1 6	11.8t 18.8t	14.5 14.5			69 136		6.3 7.0	6.9 6.8		
+20.5	0.0		1210 1216	1 6	7.4t 9.8t	14.5 14.0			59 69		5.5 5.7	7.0 7.0		
+27.3	0.0		1320 1338	1 6	3.3t 6.0t	14.5 14.5			31 60		5.3 5.1	7.5 6.8		
+29.7	0.0		1410 1417	1 6	1.6t 4.5t	14.5 14.2			35 25		5.9 5.0	6.1 6.2		
+35.5	0.0		1450 1457	1 6	.8t .9t	14.0 14.0			23 28		4.8 6.3	6.6 7.6		
+39.1	0.0		1520 1525	1 4.5	0	13.8 13.5			11 11		8.2 8.3		6.0	
		18 Dec 68	1020 1043	1 4.5	.1t 0	9.0 8.7			51 19		8.9 9.1	6.6 7.1		
+35.5	0.0		1107 1113	1 6	.1t .1t	9.0 9.0			74 84		8.5 8.4	7.0 6.9		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+29.7	0.0	18 Dec 68	1154	1	.9t	9.3			249		6.8	6.8		GWQCB, 1970
			1158	6	.9t	9.2			329		6.7	6.7		
+27.3	0.0		1220	1	2.6t	9.5			94		6.6	6.7		
			1231	6	1.6t	9.4			250		6.1	6.9		
+20.5	0.0		1342	1	3.6t	9.5			47		6.4	7.0		
			1358	6	4.9t	9.3			46		6.5	7.0		
+13.9	0.0		1438	1	10.1t	9.4			64		6.4	6.9		
			1450	6	12.8t	9.4			63		6.7	6.9		
+ 8.2	0.0		1517	1	15.2t	9.3			84		7.2	7.1		
			1530	6		9.5					7.3	7.1		
+39.1	0.0	22 Jan 69	1007	1	.1t	11.0			13		9.4	6.4		
			1020	4.5	0	11.0			12		9.0	6.3		
+35.5	0.0		1053	1	0	11.0			53		9.2	6.5		
			1100	6	.1t	11.0			40		8.8	7.0		
+29.7	0.0		1148	1	1.1t	11.0			63		9.0	6.4		
			1155	6	2.2t	11.0			59		8.8	6.4		
+27.3	0.0		1215	1	2.9t	11.2			40		9.0	6.6		
			1224	6	6.9t	10.8			56		8.7	6.6		
+20.5	0.0		1315	1	10.3t	11.0			82		8.9	6.9		
			1321	6		10.5			139		8.5	7.3		
+13.9	0.0		1410	1	14.5t	10.5			168		8.8	6.8		
			1420	6	19.9t	10.2			140		8.6	7.0		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 8.2	0.0	22 Jan 69	1440	1	18.8t	10.2			99		8.8	7.2		GWQCB, 1970
			1448	6	22.6t	10.0			409		8.7	7.2		
		25 Feb 69	1027	1	7.2t	9.0			67		8.8	6.8		
			1035	6		8.9			244		8.6	7.3		
+13.9	0.0		1100	1	7.1t	9.1			83		8.5	7.0		
			1118	6		9.0			87		8.4	7.2		
+20.5	0.0		1205	1	5.1t	9.1			53		8.2	7.0		
			1213	6	21.9t	9.0			140		8.9	6.7		
+27.3	0.0		1330	1	2.2t	9.6			38		9.3	7.0		
			1335	6	17.7t	9.1			92		8.0	6.9		
+29.7	0.0		1400	1	1.1t	9.5			21		9.0	6.9		
			1405	6		9.1			111		8.0	6.7		
+35.5	0.0		1435	1	.2t	10.0			18		9.6	6.4		
			1443	6	10.5t	9.0			115		8.3	6.8		
+39.1	0.0		1504	1	.1t	9.7			31		9.6	6.8		
			1510	4.5	0	9.3			26		9.7	6.6		
		26 Mar 69	0950	1		14.4			17		7.4			
			1005	4.5		14.4			29		7.3			
+35.5	0.0		1030	1	.1t	14.4			5		7.3			
			1045	6	.1t	14.4			15		7.3			
+29.7	0.0		1115	1	1.5t	14.4			40		7.0			
			1125	6	4.0t	14.5			30		6.4			

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+27.3	0.0	26 Mar 69	1145 1155	1 6	2.2t 10.9t	14.5 14.0			27 34		6.8 6.5	6.8		GWQCB, 1970
+13.9	0.0		1400 1416	1 6	11.6t 16.8t	14.0			51 96		7.7 7.4	6.0 6.2		
+ 8.2	0.0		1330 1335	1 6	14.6t	13.8			183 226		7.4 7.8	6.8		
+20.5	0.0	3 Apr 69	0845 0905	1 6	6.7t	16.4 16.4			113 70		5.8 6.2	6.5		
+ 8.2	0.0	23 Apr 69	0935 0945	1 6	11.0t	19.4 19.4			116 200		5.0 6.0	7.0 6.2		
+13.9	0.0		1022 1042	1 6	9.2t	19.3 19.3			133 189		4.7 5.3	5.8 6.0		
+20.5	0.0		1107 1117	1 6	5.8t 15.9t	19.5 19.4			87 138		4.5 4.5			
+39.1	0.0		1347 1357	1 4.5	.1t	18.6			54 41		5.8 5.4	7.2		
+35.5	0.0		1414 1420	1 6	.1t 5.4t	19.4			71 118		5.6 4.0			
+29.7	0.0		1454 1503	1 6	.8t 12.3t	19.5 19.4			85 192		5.4 3.9	6.6 6.6		
+27.3	0.0		1525 1533	1 6	2.4t 15.0t	19.6 19.4			87 128		5.0 4.6			

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+39.1	0.0	3 Jun 69	0915	1		24.8			4		3.7			GWQCB, 1970
			0930	4.5		24.8			34		3.8			
+35.5	0.0		1000	1		24.8			5		3.0			
			1007	6		24.8			6		3.1			
+29.7	0.0		1043	1	.2t	25.1			35		2.1			
			1050	6	.4t	25.0			48		2.0			
+27.3	0.0		1105	1	.6t	25.6			66		2.0	6.4		
			1112	6	1.5t	25.2			134		1.5			
+20.5	0.0		1258	1	1.6t	25.2			45		1.5	6.0		
			1303	6	5.0t	25.6			44		1.5	6.0		
+13.9	0.0		1340	1	8.7t	26.0			34		2.1	6.2		
			1345	6	11.0t	26.0			113		2.3	6.1		
+ 8.2	0.0		1400	1	9.8t	26.0			59		3.0	7.1		
			1410	6	14.3t	26.0			241		3.2	6.8		
		24 Jul 69	0845	1	12.1t	29.3			114		1.8			
			0855	6	20.2t				153		2.3			
+13.9	0.0		0915	1	10.3t	29.3			88		1.4			
			0925	6	16.4t	29.2			147		1.8			
+20.5	0.0		0950	1	4.4t	28.8			37		2.3			
			0955	6	7.4t	29.0			80		0.7			
+27.3	0.0		1045	1	1.8t	28.7			34		3.1			
			1055	6		28.5			110		2.8			

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+29.7	0.0	24 Jul 69	1145	1	.8t	28.8			77		4.3			GWQCB, 1970
			1155	6	1.3t	28.7			64		2.6			
+35.5	0.0		1215	1		27.5			46		5.2			
			1220	6		27.2			85		5.5			
+39.1	0.0		1245	1		27.1			55		5.4			
			1250	4.5		27.0			65		5.6			
		25 Aug 69	0937	1		25.4			43		5.1	7.9		
			0942	4.5		25.2			32			8.0		
+35.5	0.0		1003	1	.1t	25.9			40		4.7	7.8		
			1011	6	.1t	25.4			46		4.8	7.8		
+29.7	0.0		1040	1	.1t	25.9			79		2.7	7.5		
			1043	6	.1t	26.0			132		2.8	7.5		
+27.3	0.0		1045	1	1.5t	26.2			47		2.0	7.1		
			1059	6	1.5t	26.2			116		1.9	7.1		
+20.5	0.0		1224	1	3.3t	26.8			31		2.5	6.9		
			1230	6	3.1t	27.0			41		1.8	6.9		
+13.9	0.0		1255	1	6.9t	27.0			36		2.1	6.7		
			1259	6	9.4t	27.2			123		2.6	6.6		
+ 8.2	0.0		1330	1	10.1t	27.2			101		3.1	6.4		
			1341	6	12.5t	27.2			116		3.1	6.4		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 8.2	0.0	30 Sep 69	0838	1	12.7t	23.8			119		4.6	6.6		GWQCB, 1970
			0850	6	21.5t	24.0			174		5.2	6.5		
+13.9	0.0		0912	1	10.0t	23.8			56		3.6	6.9		
			0920	6		24.0			101		3.1	7.0		
+20.5	0.0		0950	1	6.3t	23.8			41		2.4	7.0		
			1000	6	10.0t	24.0			76		2.7	6.9		
+27.3	0.0		1115	1	3.1t	23.8			60		2.3	7.2		
			1125	6	6.2t	24.0			94		2.2	7.1		
+29.7	0.0		1141	1	2.0t	24.0			31		2.6	7.2		
			1150	6	3.1t	23.9			35		2.2	7.1		
+35.5	0.0		1205	1	.9t	23.8			15		3.2	7.6		
			1215	6	2.6t	24.0			31		2.5	7.3		
+39.1	0.0		1240	1	.1t	23.8			6		4.5	8.3		
			1250	4.5	.1t	23.5			57		4.5			
+ 8.2	0.0	28 Oct 69	0920	1	26.6t	20.4			136		6.2	7.4		
			0934	6	29.3t	20.8			204			7.2		
+13.9	0.0		1004	1	19.3t	19.8			104		5.7	7.5		
			1017	6	25.7t				155		6.0	7.4		
+20.5	0.0		1046	1	9.4t	19.8			37		4.1	7.9		
			1058	6	19.7t	20.0			75		7.6	7.6		
+27.3	0.0		1305	1	2.7t	20.3			37		3.1	8.1		
			1318	6	4.5t	20.1			29		3.2	7.9		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+29.7	0.0	28 Oct 69	---- 1352	1 6	1.5t 2.9t	20.0 20.1			32 41		3.7 3.3	7.5 7.3		GWQCB, 1970
+35.5	0.0		1414 1428	1 6	0 0	19.9 19.9			22 42		5.5 5.8	8.4 8.5		
+39.1	0.0		1450 1505	1 4.5	0 0	19.2 19.2			16 8		6.9 7.1	8.5 8.4		
		25 Nov 69	0930 0940	1 4.5	0 0	14.4 14.2			47 10		6.6 6.5	8.1 8.5		
+35.5	0.0		0957 1004	1 6	1.1t 2.2t	14.1 14.1			38 55		4.9 4.0	7.8 7.5		
+29.7	0.0		1038 1044	1 6	3.1t 6.3t	14.1 14.0			35 101		4.9 5.1	7.5 7.2		
+27.3	0.0		1100 1110	1 6	3.1t 8.5t	14.1 14.0			39 112		4.8 4.8	7.5 7.2		
+20.5	0.0		1300 ----	1 6	6.5t 9.8t	14.0 14.0			62 97		4.9 4.1	7.2 7.1		
+13.9	0.0		1330 1340	1 6	12.5t 17.7t	14.1 14.1			174 249		5.8 6.3	6.9 6.8		
+ 8.2	0.0	16 Dec 69	0930 0950	1 6	9.2t 17.9t	10.3 10.6			112 279		6.6 7.0	6.9 6.8		
+13.9	0.0		1015 1030	1 6	9.0t 15.0t	10.3 10.6			53 201		6.5 6.6	7.1 6.9		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+20.5	0.0	16 Dec 69	1055	1	4.2t	10.1			113		6.4	7.2		GWQCB, 1970
			1110	6	5.8t	10.5			48		6.0	7.2		
+27.3	0.0		1308	1	2.4t	11.1			59		6.3	7.3		
			1320	6	5.1t	10.8			64		6.1	7.2		
+29.7	0.0		1336	1	1.1t	10.8			79		7.2	7.7		
			1345	6	1.6t	10.8			42		6.9	7.4		
+35.5	0.0		1413	1	.11t	10.5			9		8.0	8.3		
			1424	6	.4t	10.6			13		7.9	8.0		
+39.1	0.0		1445	1	0	10.5			28		8.3	8.6		
			1450	4.5	0	10.4			5		8.5	8.6		
		27 Jan 70	0950	1	0				22		9.9	7.9		GWQCB, 1972
			1005	6	0				27		9.9			
+35.5	0.0		1025	1	.2t				23		4.9	8.5		
			1030	6	.9t				23		9.1	8.0		
+29.7	0.0		1108	1	2.0t				33		7.7	7.6		
			1115	6	2.4t				75		7.5	7.4		
+27.3	0.0		1125	1	2.9t				35		7.4	7.4		
			1138	6	7.1t				48		7.7	7.0		
+22.3	0.0		1250	1	5.1t				80		7.4	7.3		
			1300	6	10.0t				97		7.6	7.0		
+20.5	0.0		1340	1	6.9t				55		7.4	7.4		
			1350	6	15.2t				99		8.0	6.8		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+13.9	0.0	27 Jan 70	1410	1	12.5t				74		8.1	6.9		GWQCB, 1972
			1420	6	17.5t				157		8.2	6.8		
+ 8.2	0.0		1435	1	15.4t				121			6.8		
			1445	6	22.6t				216		8.8	6.6		
+39.1	0.0	25 Feb 70	1008	1	.1t	12.2			35		8.4	8.2		
			1015	6	0	12.1			9		8.5	8.5		
+35.5	0.0		1043	1	.1t				35		7.4	7.5		
			1053	6	.1t				54		7.3	7.9		
+29.7	0.0		1135	1	1.1t	12.3			13		6.1	7.6		
			1140	6	3.4t	12.3			67		5.8	7.3		
+27.3	0.0		1157	1	1.6t	12.4			46		6.1	7.4		
			1204	6	3.4t	12.1			244		6.1	7.2		
+22.3	0.0		1302	1	2.9t	12.4			42		5.8	7.1		
			1313	6	4.7t	12.3			99		6.0	6.8		
+20.5	0.0		1357	1	3.8t	12.2			45		5.7	7.3		
			1407	6	9.4t	12.2			56		6.1	6.9		
+13.9	0.0		1430	1	8.9t	12.1			48		6.5	7.0		
			1438	6	11.2t	12.1			101		6.9	7.0		
+ 8.2	0.0		1458	1	10.7t	12.1			80		6.8	6.8		
			1507	6	20.1t	12.0			136		7.5	6.6		
		24 Mar 70	0955	1	22.8t				164		7.8	7.2		
			1005	6	25.7t				201		7.8	6.8		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+13.9	0.0	24 Mar 70	1025	1	12.5t	15.5			79		6.0	7.4		GWQCB, 1972
			1035	6	19.9t	14.9			101		6.9	7.4		
+20.5	0.0		1100	1	3.8t	15.8			58		4.7	7.1		
			1108	6	9.8t	15.6			74		4.9	6.8		
+22.3	0.0		1128	1	1.8t	16.0			58		4.9	6.8		
			1142	6	3.1t	15.9			53		4.8	7.3		
+27.3	0.0		1317	1	.2t	16.3			129		5.8	7.2		
			1331	6	.2t	15.9			173		5.7	7.1		
+29.7	0.0		1355	1	0	15.8			71		6.4	7.1		
			1405	6	0	15.7			107		6.5	6.8		
+35.5	0.0		1435	1	0	15.4			27		7.2	6.9		
			1445	6	0	15.3			26		7.3	6.9		
+39.1	0.0		1458	1	0	15.2			40		7.5	6.8		
			1503	6	0	15.2			51		7.1	6.6		
+ 8.2	0.0	29 Apr 70	1000	1	12.7t	23.9			46		3.1	6.8		
			1010	6	19.9t	24.1			123		4.5	7.1		
+13.9	0.0		----	1	8.5t	24.1			41		2.5	7.1		
			----	6	15.0t				119		3.5	7.1		
+20.5	0.0		1102	1	4.9t				10		2.5	7.2		
			1109	6	6.3t	24.2			43		1.7	6.8		
+22.3	0.0		1123	1	3.6t	24.9			31		2.3	6.		
			1136	6	8.3t	23.9			53		1.7	6.5		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+27.3	0.0	29 Apr 70	1243	1	2.9t	24.7			28		2.5	6.9		GWQCB, 1972
			1253	6	4.0t	24.1			38		2.1	6.7		
+29.7	0.0		1305	1	1.5t	24.7			15		3.9	6.9		
			1311	6	2.9t	24.3			34		2.6	6.8		
+35.5	0.0		1328	1	.4t	23.8			11		2.6	6.4		
			1334	6	.8t	23.7			31		4.7	6.5		
+39.1	0.0		1357	1	0	24.1			2		5.6	7.2		
			1405	6	0	23.7			16		5.7	7.2		
+ 8.2	0.0	27 May 70	0940	1	12.1t	25.1			152		4.1	6.8		
			0950	6	14.6t	24.8			195		4.2	7.0		
+13.9	0.0		1013	1	10.1t	25.0			70		3.6	6.9		
			1019	6	11.8t	24.7			106		3.7	6.9		
+20.5	0.0		1055	1	6.9t	24.9			78		3.3	6.9		
			1100	6	3.6t	24.7					2.6	6.8		
+22.3	0.0		1112	1	4.4t	24.9			73		2.7	6.6		
			1119	6	7.2t	24.9			131		2.8	6.6		
+27.3	0.0		1205	1	2.0t	25.1			72		3.3	6.7		
			1212	6	3.3t	24.9			46		2.7	6.6		
+29.7	0.0		1228	1	1.6t	25.0			15		2.9	6.7		
			1228	6	2.0t	25.1			30		2.9	6.8		
+35.5	0.0		1302	1	.2t	25.1			25		3.5	7.1		
			1310	6	.2t	25.0					3.3	6.9		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+39.1	0.0	27 May 70	1332 1338	1 6	0 0	24.6 24.4			17 6		4.8 4.7	7.1 6.8		GWQCB, 1972
+ 8.2	0.0	23 Jun 70	0903 0917	1 6	20.2t 24.6t	28.6 28.5			180 450		4.1 4.6	7.2 7.5		
+13.9	0.0		0938 0950	1 6	15.7t 17.9t	28.6 28.6			156 260		3.5 3.7	7.2 7.3		
+20.5	0.0		1015 1033	1 6	7.4t 11.8t	28.8 28.7			74 95		1.7 2.2	6.8 6.8		
+22.3	0.0		1044 1053	1 6	8.5t 9.4t	28.9 28.8			100 92		1.8 2.1	6.8 6.8		
+27.3	0.0		1225 1237	1 6	1.5t 3.3t	29.4 29.1			36 60		1.3 0.7	6.8 6.7		
+29.7	0.0		1255 1303	1 6	.9t 1.5t	29.2 28.2			49 81		1.0 0.3	6.8 6.7		
+35.5	0.0		1320 1328	1 6	.1t .1t	28.5 28.4			30 76		2.4 5.7	7.0 7.0		
+39.1	0.0		1345 1350	1 6	0 0	28.1 28.0			51		4.9 5.0	7.1 7.0		
+ 8.2	0.0	28 Jul 70	0841 0853	1 6	10.1t 18.4t	28.9 29.1			24 40		2.5 3.2	6.8 7.4		
+13.9	0.0		0918 0926	1 6	7.6t 14.6t	28.6 28.9			20 28		2.2 2.3	7.1 7.0		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+20.5	0.0	28 Jul 70	0947 0954	1 6	3.3t 4.0t	28.5 28.1			20 25		2.5 2.4	7.0 6.9		GWQCB, 1972
+22.3	0.0		1013 1018	1 6	2.9t 2.6t	28.0 28.0			36 23		2.4 2.2			
+27.3	0.0		1144 1156	1 6	.3t .9t	28.3 28.0			28 46		4.3 3.1	6.8 6.8		
+29.7	0.0		1205 1212	1 6	.1t .1t	27.8 27.5			30 38		4.4 4.7	7.2 7.0		
+35.5	0.0		1235 1242	1 6	0 0	27.2 27.2			20 23		2.3 5.9	7.1 7.0		
+39.1	0.0		1302 1309	1 6	0 0	27.2 26.9			22 22		6.1 6.2	7.0 6.9		
		18 Aug 70	0827 0855	1 6	0 0	26.6 26.6					4.8 4.7	6.2 6.2		
+35.5	0.0		0912 0917	1 6	.2t .3t	27.1 27.2					2.2 1.4	6.1 6.1		
+29.7	0.0		0942 0948	1 6	1.0t 1.5t	27.7 27.7					0.6 0.4	6.1 6.2		
+27.3	0.0		1005 1013	1 6	1.6t 4.4t	27.7 28.2					0.9 0.6	6.1 6.1		
+22.3	0.0		1116 1123	1 6	5.1t 9.2t	29.1 28.9					1.1 1.1	6.2 6.3		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+20.5	0.0	18 Aug 70	1221 1237	1 6	5.2t 5.7t	28.9 28.7					1.2 1.3	6.2 6.2		GWQCB, 1972
+13.9	0.0		1251 1301	1 6	11.8t 13.6t	29.3 29.1					1.8 2.2	6.4 6.5		
+ 8.2	0.0		1315 1323	1 6	13.7t 16.1t	29.2 29.1					2.5 2.6	6.5 6.6		
+39.1	0.0	15 Sep 70	0837 0843	1 6	.3t .3t	26.5 26.6			38 52		2.8 2.6	6.7 6.9		
+35.5	0.0		0900 0908	1 6	1.5t 2.1t	27.2 27.2			26 35		0.6 0.3	6.9 6.7		
+29.7	0.0		0936 0943	1 6	3.9t 6.6t	27.3 27.5			27 31		0.7 0.5	6.7 6.8		
+27.3	0.0		0957 1004	1 6	5.4t 8.3t	27.5 27.5			35 30		0.7 1.0	6.6 6.8		
+22.3	0.0		1030 1036	1 6	9.2t 12.9t	27.7 27.7			26 43		1.7 2.4	7.0 7.2		
+20.5	0.0		1143 1153	1 6	7.4t 7.8t	27.7 27.8			70 107		1.2 1.2	7.2 7.2		
+13.9	0.0		1237 1247	1 6	11.9t 15.0t	27.9 27.9			51 131		2.6 2.8	7.2 7.3		
+ 8.2	0.0		1304 1311	1 6	15.2t 16.4t	28.0 28.0			63 114		3.1 3.4	7.2 7.4		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+39.1	0.0	13 Oct 70	0830	1	.6t	24.0			30		3.6	6.7		GWQCB, 1972
			0850	6	.6t	24.0			28		3.5	6.8		
+35.5	0.0		0912	1	2.1t	24.0			27		2.0	6.7		
			0923	6	4.0t	24.0			37		1.1	6.8		
+29.7	0.0		0943	1	4.5t	24.0			40		0.9	6.8		
			0953	6	6.0t	24.0			114		1.1	6.8		
+27.3	0.0		1008	1	6.2t	24.5			63		1.2	6.8		
			1017	6	8.0t	24.5			57		1.3	6.8		
+22.3	0.0		1110	1	7.2t	24.5			32		1.6	6.9		
			1117	6	8.2t	24.5			90		1.7	6.9		
+20.5	0.0		1233	1	4.9t	24.0			90		1.8	6.8		
			1240	6	6.3t	24.5			228		1.2	6.8		
+13.9	0.0		1334	1	9.4t	24.5			65		2.3	7.0		
			1347	6	12.1t	24.5			184		3.0	7.1		
+39.1	0.0	10 Nov 70	1010	1	.1t	16.5			34		7.4	7.1		
			1018	6	0	16.0			41		7.5	7.1		
+35.5	0.0		1037	1	.1t	15.3			68		6.9	7.2		
			1044	6	.2t	16.1			180		6.7	7.2		
+29.7	0.0		1100	1	.8t	16.8			143		5.0	7.0		
			1107	6	.9t	16.6			233		4.9	6.9		
+27.3	0.0		1118	1	2.2t	17.1			45		4.0	6.9		
			1125	6	3.3t	17.1			136		3.0	6.9		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+22.3	0.0	10 Nov 70	1245	1	5.3t	17.6			26		3.6	6.9		GWQCB, 1972
			1253	6	7.2t	17.5			38		2.6	6.9		
+20.5	0.0		1308	1	6.5t	17.6			26		3.4	6.9		
			1325	6	9.8t	17.5			46		3.4	7.0		
+13.9	0.0		1408	1	15.2t	17.9			40		5.5	7.4		
			1418	6	17.5t	17.7			38		5.9	7.5		
+ 8.2	0.0		0938	1	21.9t	18.0			46		7.2	7.8		
			0950	6	24.9t	17.8			99		7.3	7.9		
		8 Dec 70	0938	1	15.7t	13.5			51		6.8	7.6		
			0950	6	18.1t	13.6			72		7.0	7.6		
+13.9	0.0		1012	1	12.7t	13.9			118		6.0	7.1		
			1023	6	13.6t	13.8			72		6.1	7.5		
+20.5	0.0		1117	1	4.7t	13.5			27		6.2	7.1		
			1130	6	7.8t	14.2			45		4.7	7.1		
+22.3	0.0		1148	1	3.4t	13.9			33		7.2	7.2		
			1200	6	7.6t	14.8			45		7.2	7.2		
+27.3	0.0		1338	1	3.8t	14.9			41		4.6	7.0		
			1353	6	5.4t	14.9			37		4.3	7.0		
+29.7	0.0		1405	1	1.6t	14.7			30		6.1	6.9		
			1413	6	3.4t	14.9			33		4.7	6.9		
+35.5	0.0		1430	1	.4t	14.2			46		6.6	6.9		
			1445	6	.63t	14.1			54		6.2	6.9		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+39.1	0.0	8 Dec 70	1511	1	.1t	13.3			32		8.0	7.0		GWQCB, 1972
			1518	6	.1t	13.5			34		8.0	7.0		
		12 Jan 71	0954	1	0	11.1			68		8.4	6.9		
			1005	4.5	0	11.1			30		8.5	7.0		
+35.5	0.0		1038	1	.3t	11.3			36		8.0	6.8		
			1053	6	.3t	11.3			50		7.8	7.0		
+29.7	0.0		1118	1	1.7t	11.6			32		6.7	6.6		
			1130	6	2.8t	11.6			72		6.2	6.9		
+27.3	0.0		1145	1	2.3t	11.7			30		6.3	6.7		
			1157	6	3.8t	11.6			33		6.2	7.1		
+22.3	0.0		1318	1	3.4t	11.6			31		6.2	6.8		
			1327	6	4.0t	11.5			38		6.1	7.1		
+20.5	0.0		1342	1	2.7t	11.5			24		6.5	6.9		
			1351	6	4.6t	11.6			51		6.2	7.2		
+13.9	0.0		1447	1	7.0t	11.5			34		6.6	6.9		
			1457	6	10.0t	11.4			34		6.9	7.1		
+ 8.2	0.0		1515	1	9.5t	11.5			30		6.9	7.3		
			1521	6	12.7t	11.5			44		7.1	7.3		
+35.5	0.0	9 Feb 71	1038	1	.6t	10.4			28		8.7	6.8		
			1053	6	1.1t	10.5			44		8.3	6.9		
+29.7	0.0		1115	1	1.8t	10.6			48		7.9	6.9		
			1123	6	3.1t	10.5			42		7.7	7.0		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+27.3	0.0	9 Feb 71	1137 1145	1 6	3.2t 3.9t	10.5 10.6			44 59		7.4 7.2	6.9 7.0		GWQCB, 1972
+22.3	0.0		1304 1320	1 6	5.0t	10.6 10.7			42		7.2 7.2	7.1		
+20.5	0.0		1332 1343	1 6	3.7t 5.6t	10.1 10.5			52 62		8.0 7.2	7.0 6.9		
+13.9	0.0		1440 1447	1 6	9.2t 11.0t	10.3 10.3			34 44		7.7 7.9	7.0 6.9		
+ 8.2	0.0		1504 1512	1 6	12.1t 16.4t	10.4 10.2			28 57		8.1 8.1	7.2 7.2		
+39.1	0.0	12 Feb 71	0938 0952	1 6	.1t .1t	10.3 10.2			30 29		9.2 9.2	6.8 7.2		
+ 8.2	0.0	9 Mar 71	0938 0950	1 6	12.8t 25.3t	12.0 12.0			28 47		7.9 8.1	7.4 7.8		
+13.9	0.0		1030 1045	1 6	11.0t 18.3t	12.0 12.0			26 49		7.2 7.3	7.1 7.4		
+20.5	0.0		1152 1201	1 6	4.2t 6.1t	12.0 12.5			40 37		7.0 6.6	6.8 6.9		
+22.3	0.0		1215 1224	1 6	4.2t 3.9t	13.0 12.0			29 41		6.8 6.8	6.9 7.0		
+27.3	0.0		1337 1344	1 6	1.7t 2.5t	13.0 12.0			54 67		7.1 6.7	6.9 6.8		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+29.7	0.0	9 Mar 71	1402	1	.5t	12.0			43		7.5	6.8		GWQCB, 1972
			1413	6	.8t	12.0			51		7.5	6.8		
+35.5	0.0		1429	1	0	12.0			41		7.7	6.8		
			1439	6	0	12.0			48		7.7	6.8		
+39.1	0.0		1455	1	0	12.0			44		7.8	6.8		
			1502	4.5	0	12.0			48		7.9	6.8		
		20 Apr 71	0941	1	0	19.0			34		7.0	6.8		
			0955	4.5	0	19.5			84		7.0	6.8		
+35.5	0.0		1024	1		19.5			27		6.9	6.8		
			1028	6		19.5			42		6.8	6.9		
+29.7	0.0		1119	1	1.0t	20.0			29		6.4	7.0		
			1128	6	2.0t	19.5			39		5.9	6.8		
+27.3	0.0		1145	1	2.9t	20.0			28		5.7	6.7		
			1152	6	6.8t	20.0			40		4.5	7.0		
+22.3	0.0		1315	1	6.3t	20.5			30		4.5	6.7		
			1323	6	9.0t	20.0			52		4.4	6.8		
+20.5	0.0		1340	1	7.2t	21.0			32		4.9	6.9		
			1346	6	9.5t	20.0			33		4.6	6.9		
+13.9	0.0		1435	1	15.4t	20.5			30		6.7	7.3		
			1443	6	21.7t	19.5			57		6.6	7.6		
+ 8.2	0.0		1458	1	20.8t	20.0			31		7.9	7.7		
			1504	6	26.2t	19.5			70		7.6	7.8		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+39.1	0.0	4 May 71	0852	1	.1t	18.0			30		6.8	7.1		GWQCB, 1972
			0901	4.5	0	18.0			34		6.8	7.4		
+35.5	0.0		0936	1	.2t				21		6.6	7.0		
			0944	6	.3t	18.0			27		6.6	6.8		
+29.7	0.0		1014	1	2.4t	19.0			31		5.9	7.0		
			1023	6	5.6t	19.5			40		5.1	7.3		
+27.3	0.0		1038	1	3.6t	20.0			28		5.4	7.1		
			1046	6	9.0t	19.5			40		4.2	7.2		
+22.3	0.0		1206	1	4.4t	20.5			27		5.5	7.0		
			1211	6	13.6t	20.0			88		4.3	7.2		
+20.5	0.0		1222	1	6.3t	20.5			30		5.2	7.0		
			1230	6	10.9t	19.5			38		4.2	7.1		
+13.9	0.0		1320	1	12.7t	20.5			25		5.6	7.2		
			1328	6	18.1t	19.5			38		5.5	7.5		
+ 8.2	0.0		1345	1	15.4t	20.0			25		6.0	7.4		
			1355	6	28.9t	19.5			56		6.9	8.0		
+39.1	0.0	8 Jun 71	1045	1	0	24.0					6.5	6.4		
			1050	4.5	0	24.0					6.6	6.4		
+35.5	0.0		1106	1	.4t	24.0					5.8	6.8		
			1111	6	.4t	24.0					5.8	6.5		
+29.7	0.0		1125	1	1.3t	25.0					4.1	6.7		
			1134	6		25.0					4.1	6.7		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+27.3	0.0	8 Jun 71	1144 1153	1 6	2.1t 2.7t	25.0 25.0					3.5 3.0	6.5 6.7		GWQCB, 1972
+22.3	0.0		1250 1258	1 6	3.3t 4.7t	26.0 25.0					3.5 2.7	6.6 6.7		
+20.5	0.0		1313 1317	1 6	3.3t 4.7t	26.0 25.0					3.5 2.7	6.6 6.7		
+13.9	0.0		1405 1418	1 6	6.9t 12.5t	26.0 26.0					3.4 3.9	6.9 7.0		
+ 8.2	0.0		1432 1440	1 6	10.5t 14.5t	26.0 26.0					3.6 3.9	6.8 7.1		
+39.1	0.0	7 Jul 71	0922 0930	1 4.5		26.0 26.0			48 44			7.3 7.1		
+35.5	0.0		0948 0959	1 6		26.5 26.5			61 109			7.1 7.1		
+29.7	0.0		1015 1023	1 6		27.0 27.0			60 128			7.0 7.0		
+27.3	0.0		1035 1045	1 6		27.0 27.0			58 84			6.8 6.9		
+22.3	0.0		1157 1203	1 6		27.5 27.5			64 89			7.1 7.1		
+20.5	0.0		1213 1223	1 6		27.5 27.5			49 59			6.8 7.0		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+13.9	0.0	7 Jul 71	1313 1318	1 6		28.0 28.0			37 46			6.8 6.9		GWQCB, 1972
+ 8.2	0.0		1340 1347	1 6		28.0 28.0			38 58			7.0 7.0		
+39.1	0.0	3 Aug 71	0913 0927	1 4.5	0 0	26.0 26.0			27 31		5.3 5.4	7.0 7.1		
+35.5	0.0		0946 0956	1 6	.2t .2t	27.0 26.5			53 73		4.7 4.8	6.9 6.9		
+29.7	0.0		1037 1049	1 6	1.3t 1.8t	27.5 27.5			42 109		3.6 3.5	6.8 6.8		
+27.3	0.0		1107 1114	1 6	2.4t 2.7t	27.5 27.5			67 102		3.0 2.4	6.8 6.8		
+22.3	0.0		1230 1241	1 6	4.4t 8.0t	28.0 28.0			28 34		2.3 1.9	7.1 7.3		
+20.5	0.0		1251 1300	1 6	5.6t 8.7t	28.0 28.0			25 27		2.3 2.1	6.9 6.9		
+13.9	0.0		1344 1355	1 6	12.3t 23.5t	29.0 29.0			27 42		3.7 3.2	6.8 7.2		
+20.0	0.0	26 Aug 71	0925 -----	1 6	6.0r 12.0r	26.0 30.0					2.6 2.4	6.7 6.8		Windom & Stickney, 1972
			1310 -----	1 6	7.0r 14.0r	27.0 27.0					2.5 2.6	6.7 6.6		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+39.1	0.0	8 Sep 71	0912	1	0	26.0					4.3	7.0		GWQCB, 1972
			0925	4.5	0	26.0						4.4	6.9	
+35.5	0.0		0943	1	.1t	26.5					2.4	6.9		
			0948	6	.2t	26.5						2.4	6.9	
+29.7	0.0		1005	1	1.3t	27.0					1.2	6.8		
			1014	6	1.7t	27.0						0.9	6.8	
+27.3	0.0		1030	1	3.3t	27.0					1.1	6.7		
			1038	6	3.6t	27.0						0.9	6.8	
+22.3	0.0		1208	1	3.9t	27.5					2.3	7.1		
			1215	6	10.1t	27.5						2.8	6.6	
+20.5	0.0		1238	1	8.2t	27.5					2.8	6.8		
			1250	6	9.8t	28.0						3.0	6.8	
+13.9	0.0		1340	1	11.6t	28.0					4.3	6.9		
			1348	6	17.0t	28.0						4.7	7.2	
+ 8.2	0.0		1408	1	14.8t	28.0					4.3	7.2		
+39.1	0.0	5 Oct 71	0855	1	.4t	25.5					3.1	6.8		
			0905	4.5	.5t	25.5						2.9	6.8	
+35.5	0.0		0947	1	3.1t	26.0					1.1	6.9		
			0958	6	4.3t	26.0						0.7	7.1	
+29.7	0.0		1040	1	7.9t	26.5					1.8	7.1		
			1048	6	9.8t	26.0						2.0	7.2	

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+27.3	0.0	5 Oct 71	1105	1	9.3t	26.5					1.8	7.2		GWQCB, 1972
			1115	6	11.2t	26.5					2.0	7.3		
+22.3	0.0		1245	1	10.4t	26.5					1.7	6.9		
			1255	6	10.5t	26.5					1.7	6.8		
+20.5	0.0		1316	1	9.0t	26.5					1.6	7.2		
			1325	6	10.9t	26.5					1.7	7.2		
+13.9	0.0		1452	1	11.8t	26.5					2.2	7.1		
			1500	6	11.6t	26.5					3.0	7.2		
+39.1	0.0	2 Nov 71	1005	1	.1t	22.5			29		3.4	6.7		
			1012	4.5	.1t	22.5			48		3.4	6.8		
+35.5	0.0		1033	1	.4t	22.5			44		3.2	6.7		
			1042	6	.4t	22.5			58		3.1	6.8		
+29.7	0.0		1058	1	2.5t	22.5			48		2.2	6.6		
			1105	6	3.2t	22.5			100		2.1	6.6		
+27.3	0.0		1118	1	3.9t	22.5			80		2.0	6.6		
			1125	6	3.9t	22.5			99		2.0	6.7		
+22.3	0.0		1252	1	3.3t	22.5			260		1.8	6.8		
			1303	6	3.4t	22.5			690		1.7	6.7		
+20.5	0.0		1315	1	3.5t	22.5			80		1.7	6.7		
			1323	6	3.8t	22.5			920		1.9	6.7		
+13.9	0.0		1408	1	8.3t	23.0			56		2.5	6.7		
			1416	6	9.8t	23.0			82		3.0	6.9		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 8.2	0.0	2 Nov 71	1430	1	10.9t	23.0			30		3.1	6.7		GWQCB, 1972
			1438	6	12.7t	23.0			57		3.5	7.1		
+39.1	0.0	15 Dec 71	1020	1	0	16.1			18		6.5	6.8		
			1030	4.5	0	15.9			18		6.5	6.9		
+35.5	0.0		1110	1	.1t	16.4			40		6.3	6.6		
			1119	6	0	16.0			32		6.4	6.6		
+29.7	0.0		1148	1	.3t	16.5			82		6.2	6.6		
			1157	6	.3t	16.1			108		6.2	6.7		
+27.3	0.0		1215	1	1.2t	16.5			116		5.5	6.7		
			1222	6	1.1t	16.5			140		5.8	6.8		
+22.3	0.0		1357	1	1.4t	16.5			38		5.7	6.8		
			1405	6	2.6t	16.0			66		5.5	6.8		
+20.5	0.0		1420	1	2.4t	16.5			28		5.5	6.9		
			1428	6	4.4t	16.0			40		5.5	6.9		
+13.9	0.0		1450	1	8.2t	16.5			28		6.0	7.0		
			1500	6	13.9t	15.5			38		6.3	7.2		
+23.1	0.0	Jan 72	----	0	6.0r	15.0					6.1	6.9	e.fld	Stickney & Miller, 1972
				2	8.0r						6.4	7.0		
				4	9.0r						6.2	7.0		
				6	10.0r						6.6	6.9		
				8	12.0r	15.0					6.3	7.2		
				10	12.0r						6.3	7.2		
				12	20.0r						6.0	7.2		
				14	19.0r	15.0					5.8	7.2		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+17.1	0.0	Jan 72	----	0	10.0r	15.0					6.9	7.3	e.fld	Stickney & Miller, 1972
				2	11.0r				6.7	7.4				
				4	12.0r			6.3	7.5					
				6	13.0r			6.3	7.5					
				8	16.0r	15.0		6.4	7.6					
				10	11.0r				7.6					
				12	24.0r			6.9	7.6					
				14	22.0r			6.6	7.5					
				16	25.0r	15.0		6.6	7.3					
+12.6	0.0		----	0	13.0r	15.0					7.5	7.3	e.fld	
				2	14.0r			7.4	7.4					
				4	14.0r			7.2	7.4					
				6	20.0r			7.6	7.4					
				8	24.0r	15.0		7.2	7.6					
				10	25.0r			7.0	7.8					
				12	26.0r			7.2	7.8					
				14	26.0r			6.8	7.8					
				16	26.0r	15.0		7.2	7.7					
+39.1	0.0	4 Jan 72	----	1	0.0	15.6			11		7.2	6.7		EPD, 1973a
			----	6	0.0	15.6		13		6.9	6.7			
+35.5	0.0		----	1	0.1t	15.6			27		6.3	6.8		
			----	6	0.1t	15.6		35		6.3	6.8			
+29.7	0.0		----	1	1.4t	15.8			23		5.8	6.7		
			----	6	1.8t	15.8		23		5.7	6.8			
+27.3	0.0		----	1	1.7t	15.8			20		5.7	6.7		
			----	6	6.4t	15.8		12		5.5	6.9			

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+22.3	0.0	4 Jan 72	----	1	2.8t	15.9			14		5.6	6.7		EPD, 1973a
			----	6	10.2t	15.7			13		6.0	7.1		
+20.5	0.0		----	1	2.8t	16.1			16			6.7		
			----	6	12.7t	15.7			17			7.1		
+13.9	0.0		----	1	5.8t	15.9			27		5.7	7.2		
			----	6	10.7t	15.8			94		6.2	7.3		
+ 8.2	0.0		----	1	8.2t	15.9			31		6.1	7.1		
			----	6	16.5t	15.7			98		6.8	7.6		
+23.1	0.0	Feb 72	----	0	0	10.0					9.4	6.1	ebb	Stickney & Miller, 1972
				2	0				9.4	6.3				
				4	0				9.2	6.3				
				6	0				9.0	6.3				
				8	8.0r	9.0			8.0	5.8				
				10	4.0r	9.0			8.7	6.0				
+17.1	0.0		----	0	2.0r	10.0					9.2	5.8	ebb	
				2	2.0r				9.1	5.6				
				4	4.0r				8.9	5.8				
				6	4.0r				8.6	5.6				
				8	4.0r	10.0			8.6	5.4				
				10	10.0r				8.2	5.2				
				12	13.0r	10.0			8.9	5.2				

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+12.6	0.0	Feb 72	----	0	2.0r	10.0					9.0	5.7	ebb	Stickney & Miller, 1973
				2	3.0r				9.1	5.9				
				4	3.0r				9.1	5.8				
				6	3.0r				8.8	6.0				
				8	3.0r	10.0			8.7	6.0				
				10	4.0r	10.0			8.9	5.8				
+39.1	0.0	2 Feb 72	----	1	0.0t	11.5			7		8.3	6.9		EPD, 1973a
				6	0.0t	11.5		5		8.4	6.9			
+35.5	0.0		----	1	0.0t	11.5			11		8.2	6.8		
				6	0.0t	11.5		12		8.2	6.9			
+29.7	0.0		----	1	0.0t	12.0			13		8.2	6.9		
				6	0.0t	12.0		19		8.2	6.9			
+27.3	0.0		----	1	0.1	12.0			19		8.0	6.9		
				6	0.1	12.5		31		7.9	6.9			
+22.3	0.0		----	1	0.6	12.5			25		7.9	6.8		
				6	14.8t	13.5		53		7.2	7.5			
+20.5	0.0		----	1	1.1t	12.5			29		7.8	6.8		
				6	9.2t	13.0		32		7.1	7.2			
+13.9	0.0		----	1	2.9t	13.0			40		7.4	6.9		
				6	7.1t	13.0		78		7.5	7.2			
+ 8.2	0.0		----	1	4.1t	13.0			170		7.4	6.9		
				6	14.5t	13.0		60		7.7	7.6			
+23.1	0.0	Mar 72	----	0	4.0r	20.0					4.3	6.5	ebb	Stickney & Miller, 1973
				2	4.0r				4.0	6.4				

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+23.1		Mar 72	----	4	6.0r						4.3	6.3		Stickney & Miller, 1973
			----	6	9.0r						4.7	6.1		
			----	8	10.0r	19.0					4.8	6.2		
			----	10	10.0r	19.0								
+17.1	0.0		----	0	5.0r	17.0					4.3	6.5	ebb	
			----	2	5.0r						4.4	6.4		
			----	4	6.0r						4.4	6.2		
			----	6	8.0r						5.0	6.2		
			----	8	9.0r	17.0					5.1	6.1		
			----	10	12.0r	17.0					5.6	6.3		
+12.6	0.0		----	0	6.0r	16.0					4.6	6.6	ebb	
			----	2	7.0r						4.6	6.8		
			----	4	10.0r						5.1	6.3		
			----	6	15.0r						5.2	5.7		
			----	8	16.0r	16.0					6.0	6.0		
			----	10	18.0r	16.0					5.8	6.0		
+39.1	0.0	7 Mar 72	----	1	0.0t	14.0				13	8.3	6.6		EPD, 1973a
			----	6	0.0t	14.0					13	8.3	6.8	
+35.5	0.0		----	1	0.0t	14.5				10	8.1	6.7		
			----	6	0.1t	14.0					12	8.1	6.8	
+29.7	0.0		----	1	0.8t	15.0				18	7.7	6.7		
			----	6	3.5t	15.0					20	7.0	6.8	
+27.3	0.0		----	1	2.2t	15.0				19	7.3	6.9		
			----	6	8.2t	14.5					29	6.7	7.0	
+22.3	0.0		----	1	4.0t	15.0				26	7.1	6.8		
			----	6	9.1t	14.5					34	5.8	6.8	

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+20.5	0.0	7 Mar 72	----	1	5.3t	15.0				23	6.9	6.6		EPD, 1973a
			----	6	14.3t	14.0				62	6.8	7.3		
+13.9	0.0		----	1	9.2t	14.5				27	6.9	6.9		
			----	6	20.8t	13.5				49	7.5	7.8		
+ 8.2	0.0		----	1	7.9t	14.5				22	7.0	6.9		
			----	6	21.2t	13.5				54	7.6	7.8		
+39.1	0.0	4 Apr 72	----	1	0.0t	15.5				50	8.0	7.0		
			----	6	0.0t	15.5				19	8.1	7.1		
+35.5	0.0		----	1	0.1t	16.1				44	7.4	6.9		
			----	6	0.1t	16.1				46	7.4	7.1		
+29.7	0.0		----	1	0.9t	16.7				46	6.2	6.9		
			----	6	2.2t	16.1				53	5.8	7.1		
+27.3	0.0		----	1	1.8t	16.7				33	6.1	7.0		
			----	6	6.0t	16.3				33	5.3	7.1		
+22.3	0.0		----	1	3.6t	16.6				28	5.9	6.8		
			----	6	9.3t	16.1				42	6.1	7.1		
+20.5	0.0		----	1	5.5t	16.5				31	5.8	6.9		
			----	6	11.7t	16.5				34	5.9	7.5		
+13.9	0.0		----	1	9.3t	16.0				28	6.2	7.1		
			----	6	17.6t	16.0				40	6.9	7.7		
+ 8.2	0.0		----	1	10.9t	16.5				26	6.4	7.2		
			----	6	24.0t	16.0				61	7.3	7.4		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+23.1	0.0	21 Apr 72	----	0	4.0r	22.8					4.3	6.9	low	Stickney & Miller, 1973
			----	2	4.0r	22.7					3.8	6.8		
			----	4	4.0r	22.7					3.7	6.8		
			----	6	5.0r	22.7					3.2	6.8		
			----	8	8.0r	22.6					2.6	6.7		
			----	10	10.0r	22.4					3.0	6.7		
			----	12	10.0r	22.3					2.5	6.7		
			----	14	14.0r	22.2					3.3	6.7		
			----	16	17.0r	22.6					3.0	6.9		
+17.1	0.0		----	0	6.0r	23.0					3.9	6.6	low	
			----	2	7.0r	22.7					4.0	6.6		
			----	4	7.0r	22.6					3.5	6.6		
			----	6	9.0r	22.4					3.4	6.6		
			----	8	15.0r	22.2					3.9	6.6		
			----	10	16.0r	22.3					4.3	6.6		
+12.6	0.0		----	0	7.0r	23.6					5.2	5.8	low	
			----	2	9.0r	22.8					4.0	6.1		
			----	4	11.0r	22.7					4.2	6.2		
			----	6	15.0r	22.5					4.8	6.2		
			----	8	20.0r	22.5					5.3	6.2		
			----	10	21.0r	22.2					5.2	6.4		
			----	12	24.0r	22.2					5.6	6.4		
			----	14	24.0r	22.1					5.8	6.8		
			----	16	24.0r	22.2					5.6	6.7		
+23.1	0.0		----	0	4.0r	23.9					3.7	6.9	flood	
			----	2	4.0r	23.9					3.8	7.7		
			----	4	6.0r	23.4					3.6	7.6		
			----	6	6.0r	23.4					3.6	7.4		
			----	8	11.0r	22.8					4.1	7.2		
			----	10	15.0r	23.1					4.1	6.3		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+17.1	0.0	21 Apr 72	----	0	6.0r	25.0					4.7	6.8	flood	Stickney & Miller, 1973
			----	2	6.0r	23.7				3.6	6.9			
			----	4	8.0r	23.1				5.2	6.9			
			----	6	11.0r	22.6				4.3	6.9			
			----	8	18.0r	22.4				5.0	6.9			
			----	10	19.0r	21.9				5.5	7.1			
			----	12	22.0r	21.5				2.1	7.2			
			----	14	22.0r	21.7				3.6	7.3			
+12.6	0.0		----	0	18.0r	22.9					3.9	7.5	flood	
			----	2	15.0r	22.7					4.6	7.5		
			----	4	11.0r	22.9					5.6	7.4		
			----	6	15.0r	21.8					4.5	7.2		
			----	8	23.0r	21.4					5.2	7.2		
			----	10	24.0r	21.4					3.6	7.3		
			----	12	26.0r	21.0					4.4	7.2		
			----	14	26.0r	21.0				6.4	7.2			
+23.1	0.0		----	0	8.0r	22.5					4.8	7.0	high	
			----	2	8.0r	22.7					5.7	6.5		
			----	4	8.0r	22.5					4.9	6.4		
			----	6	14.0r	21.6					4.8	6.5		
			----	8	17.0r	21.3					5.0	6.5		
			----	10	20.0r	21.0					5.2	6.4		
			----	12	22.0r	20.8					5.4	6.6		
+17.1	0.0		----	0	13.0r	21.8					6.4	6.2	high	
			----	2	13.0r	21.9					6.2	7.2		
			----	4	14.0r	21.8					5.9	7.1		
			----	6	20.0r	21.3					5.9	7.0		
			----	8	24.0r	20.8					6.5	6.7		
			----	10	24.0r	20.7					6.0	6.6		
			----	12	24.0r	20.8					6.0	6.9		
			----	14	25.0r	20.8				6.1	6.8			

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+12.6	0.0	21 Apr 72	----	0	18.0r	21.9					6.4	7.3	high	Stickney & Miller, 1973
			----	2	18.0r	21.8					6.7	7.6		
			----	4	20.0r	21.4					6.4	7.5		
			----	6	22.0r	21.1					6.3	7.4		
			----	8	25.0r	20.6					6.2	7.5		
			----	10	25.0r	20.6					6.2	7.4		
			----	12	26.0r	20.5					6.2	7.2		
			----	14	26.0r	20.6					6.0	7.5		
			----	16	26.0r	20.6					6.2	7.2		
+23.1	0.0		----	0	11.0r	21.4					4.5	6.3	ebb	
			----	2	9.0r	22.0					4.2	6.2		
			----	4	8.0r	21.5					4.3	6.0		
			----	6	18.0r	20.9					3.6	6.3		
			----	8	16.0r	20.4					4.1	6.1		
			----	10	18.0r	20.6					4.0	6.2		
			----	12	19.0r	20.6					4.5	6.4		
+17.1	0.0		----	0	20.0r	21.7					4.6	6.8	ebb	
			----	2	10.0r	21.5					4.3	6.8		
			----	4	10.0r	21.3					4.7	7.0		
			----	6	10.0r	21.2					4.6	6.7		
			----	8	18.0r	21.0					5.5	6.8		
			----	10	20.0r	20.3					5.3	6.4		
			----	12	22.0r	20.3					5.7	6.7		
			----	14	22.0r	20.3					4.6	6.8		
+12.6	0.0		----	0	12.0r	21.3					5.6	7.0	ebb	
			----	2	12.0r	21.3					5.5	7.1		
			----	4	12.0r	21.5					5.5	7.0		
			----	6	16.0r	20.9					5.9	6.6		
			----	8	20.0r	20.2						6.9		
			----	10	23.0r	20.2					6.2	6.8		
			----	12	23.0r	20.2						6.7		
			----	14	24.0r	19.5					6.9	6.8		
----	16	24.0r						6.2	6.9					

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+23.1	0.0	21 Apr 72	----	0	4.0r	21.6					4.6	6.9	low	Stickney & Miller, 1973
			----	2	4.0r	21.4					3.9	7.0		
			----	4	4.0r	21.1					3.9	7.2		
			----	6	4.0r	21.3					3.6	7.1		
			----	8	15.0r	20.9					3.7	6.4		
			----	10	12.0r	20.9					3.3	6.5		
			----	12	18.0r	20.3					4.1	6.4		
			----	14	18.0r	20.6					4.0	6.3		
+17.1	0.0		----	0	6.0r	21.1					3.2	7.0	low	
			----	2	6.0r	21.1					4.1	7.0		
			----	4	10.0r	21.0					4.1	6.9		
			----	6	10.0r	21.3					3.9	6.8		
			----	8	12.0r	21.0					4.0	7.0		
			----	10	18.0r	20.7					4.6	6.7		
			----	12	22.0r	20.4					5.3	6.8		
			----	14	22.0r	20.3					5.3	6.6		
----	16	22.0r	20.3					5.2	6.5					
+12.6	0.0		----	0	8.0r	21.4					5.0	7.3	low	
			----	2	9.0r	21.4					5.7	7.3		
			----	4	13.0r	21.3					4.9	7.1		
			----	6	13.0r	21.0					5.1	7.2		
			----	8	16.0r	20.7					5.3	7.2		
			----	10	24.0r	20.5					6.0	6.8		
			----	12	25.0r	20.4					5.9	6.9		
			----	14	25.0r	20.4					5.4	6.7		
+23.1	0.0		----	0	1.0r	21.1					3.8	7.4	flood	
			----	2	5.0r	21.5					4.1	7.5		
			----	4	5.0r	21.4					3.9	7.4		
			----	6	8.0r	21.4					4.6	7.3		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+23.1	0.0	21 Apr 72	----	8	11.0r	21.1					4.4	7.3	flood	Stickney & Miller, 1973
			----	10	12.0r	20.9				4.4	7.0			
			----	12	18.0r	20.6				4.3	7.0			
+17.1	0.0		----	0	9.0r	21.4					4.6	7.5	flood	
			----	2	10.0r	21.5				4.8	7.3			
			----	4	9.0r	21.4				5.0	7.3			
			----	6	9.0r	21.3				5.3	7.3			
			----	8	16.0r	20.9				5.3	7.0			
			----	10	16.0r	20.7				5.7	7.0			
			----	12	20.0r	20.6				3.9	7.0			
+12.6	0.0		----	0	15.0r	21.2					6.1	6.7	flood	
			----	2	15.0r	21.2				6.4	6.8			
			----	4	15.0r	21.0				5.2	6.5			
			----	6	18.0r	20.9				6.4	6.7			
			----	8	22.0r	20.9				6.1	6.4			
			----	10	23.0r	20.8				6.4	6.8			
			----	12	23.0r	20.7				6.3	6.4			
			----	14	24.0r	20.7				6.6	7.2			
			----	16	24.0r	20.7				6.2	6.7			
+23.1	0.0		----	0	6.0r	21.4					4.6	7.5	high	
			----	2	6.0r	21.5				4.7	7.1			
			----	4	8.0r	21.5				4.6	7.3			
			----	6	12.0r	21.5				4.6	6.9			
			----	8	12.0r	21.3				5.1	6.6			
			----	10	20.0r	21.0				4.9	7.0			
			----	12	22.0r	21.0				5.5	6.7			
			----	14	21.0r	20.9				4.6	7.1			

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+17.1	0.0	21 Apr 72	----	0	11.0r	21.3					5.7	6.5	high	Stickney & Miller, 1973
			----	2	13.0r	21.3				6.1	6.7			
			----	4	14.0r	21.3				6.3	6.9			
			----	6	16.0r	21.3				6.9	6.5			
			----	8	20.0r	21.1				6.3	6.8			
			----	10	23.0r	20.9				6.1	7.0			
			----	12	24.0r	20.8				6.2	6.6			
			----	14	24.0r	20.9				6.1	6.4			
+12.6	0.0		----	0	13.0r	21.4					6.1	7.4	high	
			----	2	14.0r	21.4				6.5	7.2			
			----	4	15.0r	21.4				6.4	7.2			
			----	6	23.0r	21.2				6.8	7.0			
			----	8	24.0r	21.1				6.3	7.1			
			----	10	24.0r	21.1				6.7	7.0			
			----	12	25.0r	21.1				6.3	7.1			
			----	14	25.0r	21.1				6.6	6.8			
+17.1	0.0		----	0	10.0r	21.7					3.9	7.0	ebb	
			----	2	10.0r	21.7				4.8	6.9			
			----	4	8.0r	21.0				4.2	6.8			
			----	6	14.0r	20.9				4.0	6.6			
			----	8	18.0r	20.9				5.0	6.5			
			----	10	19.0r	20.9				5.4	6.5			
			----	12	20.0r	20.9				5.5	6.5			
+12.6	0.0		----	0	12.0r	21.4					5.4	6.7	ebb	
			----	2	12.0r	21.4				5.9	6.7			
			----	4	15.0r	21.2				5.9	6.6			
			----	6	18.0r	21.1				6.0	6.6			
			----	8	22.0r	21.1				5.4	6.5			
			----	10	24.0r	21.1				6.2	6.6			

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+17.1	0.0	21 Apr 72	----	12	24.0r	21.1					6.2	6.5		Stickney & Miller, 1973
			----	14	24.0r	21.1					6.7	6.5		
			----	16	24.0r	21.1					6.4	6.5		
+23.1	0.0	May 72	----	0	0.0r	21.0					4.7	6.7	ebb	
			----	2	2.0r						4.1	6.8		
			----	4	4.0r						3.8	6.8		
			----	6	4.0r						4.0	6.7		
			----	8	6.0r	21.0					3.1	6.7		
			----	10	4.0r	21.0					2.9	7.1		
+17.1	0.0		----	0	5.0r	21.0					4.7	7.1	ebb	
			----	2	5.0r						4.0	7.1		
			----	4	6.0r						4.3	7.1		
			----	6	12.0r						3.8	7.3		
			----	8	15.0r	21.0					3.9	7.4		
			----	10	20.0r						4.8	7.7		
			----	12	21.0r						4.7	7.7		
			----	14	23.0r	21.0					5.0	7.8		
+12.6	0.0		----	0	10.0r	22.0					4.9	7.4	ebb	
			----	2	11.0r						4.5	7.3		
			----	4	11.0r						4.4	7.3		
			----	6	15.0r						4.3	7.3		
			----	8	18.0r	22.0					4.9	7.8		
			----	10	23.0r						5.3	7.9		
			----	12	25.0r						5.4	8.1		
			----	14	25.0r	22.0					5.5	8.0		
+39.1	0.0	2 May 72	----	1	0.0t	20.0					6.9	7.2		EPD, 1973a
			----	6	0.0t	20.0			42 39		6.9 7.1	7.2 7.3		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+35.5	0.0	2 May 72	----	1	0.3t	21.0			95		5.1	7.4		EPD, 1973a
			----	6	0.3t	21.0			97		5.1	7.4		
+29.7	0.0		----	1	2.4t	21.5			49		3.6	7.3		
			----	6	3.0t	21.0			60		3.3	7.0		
+27.3	0.0		----	1	5.1t	21.5			33		3.7	7.5		
			----	6	8.2t	21.0			47		3.8	7.3		
+22.3	0.0		----	1	6.7t	22.0			29		4.1	7.3		
			----	6	11.6t	21.0			34		4.5	7.3		
+20.5	0.0		----	1	7.3t	21.0			30		3.9	7.4		
			----	6	15.8t	21.0			38		4.6	7.5		
+13.9	0.0		----	1	11.9t	21.0			27		4.9	7.4		
			----	6	20.3t	21.0			48		5.8	7.4		
+ 8.2	0.0		----	1	13.9t	21.5			32		5.4	7.5		
			----	6	23.5t	21.5			69		6.6	7.9		
+23.1	0.0	Jun 72	----	0	6.0r	26.0					4.0	7.0	low	Stickney & Miller, 1973
			----	2	6.0r						4.3	7.0		
			----	4	12.0r						3.1	7.0		
			----	6	15.0r						3.0	7.1		
			----	8	18.0r	26.0					2.9	7.2		
			----	10	18.0r						2.8	7.3		
			----	12	22.0r	26.0					3.5	7.4		
+17.1	0.0		----	0	8.0r	27.0					4.2	7.1	low	
			----	2	8.0r						4.0	7.0		
			----	4	9.0r						3.9	7.0		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+17.1	0.0	Jun 72	----	6	16.0r						4.0	7.2	low	Stickney & Miller, 1973
			----	8	22.0r	26.0					4.6	7.5		
			----	10	25.0r						5.0	7.0		
			----	12	26.0r						5.0	7.9		
			----	14	24.0r	25.0					4.8	8.0		
+12.6	0.0		----	0	8.0r	26.0					5.0	7.5	low	
			----	2	8.0r						5.1	7.3		
			----	4	15.0r						5.1	7.4		
			----	6	16.0r						5.1	7.6		
			----	8	21.0r	26.0					5.5	7.8		
			----	10	23.0r						5.5	7.9		
			----	12	24.0r						5.6	8.0		
----	14	24.0r	26.0					5.8	8.1					
+39.1	0.0	7 Jun 72	----	1	0.0t	24.8					6.0	7.4		EPD, 1973a
			----	6	0.0t	24.4			15		6.2	7.0		
+35.5	0.0		----	1	0.0t	24.8					6.0	7.1		
			----	6	0.0t	24.4			13		5.8	7.2		
+29.7	0.0		----	1	0.1t	24.7					5.2	7.1		
			----	6	0.2t	24.5			28		4.8	7.0		
+27.3	0.0		----	1	0.3t	24.8					4.3	7.0		
			----	6	0.5t	24.6			34		3.8	7.0		
+22.3	0.0		----	1	1.8t	24.4					2.6	7.0		
			----	6	2.9t	24.2			48		2.1	7.0		
+20.5	0.0		----	1	3.5t	24.2					2.3	7.0		
			----	6	4.8t	24.2			280		2.1	7.1		
+13.9	0.0		----	1	9.8t	24.1					4.2	7.1		
			----	6	13.6t	24.2			34		3.6	7.4		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 8.2	0.0	7 Jun 72	----	1	11.9t	24.1				18	3.4	7.2		EPD, 1973a
			----	6	16.5t	24.2				47	4.1	7.4		
+ 2.5	0.0	8 Jun 72	0805	0	19.0r	24.5					5.6	7.5		Windom, 1973
+ 8.0	0.0		0835	0	15.0r	24.5					5.0	7.2		
+13.1	+0.1		0855	0	10.0r	25.0					3.7	7.0		
+20.6	-0.1		0925	0	6.0r	25.0					3.5	6.9		
+24.0	0.0		0945	0	5.0r	24.5					2.3	6.8		
+26.0	0.0		1025	0	2.0r	25.0					4.6	7.0		
+31.0	0.0		1100	0	0.5r	24.5					6.2	7.0		
+36.5	0.0		1130	0	0.0r	24.5					6.4	7.0		
+26.0	0.0		1245	0	2.0r	25.0					5.2	7.0		
+39.1	0.0	5 Jul 72	----	1	0.0t	25.6					4.7	6.8		EPD, 1973a
			----	6	0.0t	25.5					4.8	6.8		
+35.5	0.0		----	1	0.0t	25.6					4.2	6.8		
			----	6	0.1t	25.4					4.2	6.9		
+29.7	0.0		----	1	0.2t	25.7					3.6	6.7		
			----	6	0.4t	25.8					3.4	6.9		
+27.3	0.0		----	1	0.4t	25.9				19	3.4	6.8		
			----	6	0.8t	25.9					3.3	6.9		
+22.3	0.0		----	1	0.4t	26.0				34	3.3	6.9		
			----	6	1.0t	25.8					2.9	6.9		
+20.5	0.0		----	1	0.5t	25.8					3.3	6.9		
			----	6	2.1t	25.8				188	2.7	6.9		
+13.9	0.0		----	1	5.6t	25.8				29	2.6	6.7		
			----	6	9.1t	25.9					2.7	6.8		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 8.2	0.0	5 Jul 72	----	1	8.0t	25.8					2.7	6.9		EPD, 1973a
			----	6	8.0t	26.0					2.8	7.1		
+23.1	0.0	19 Jul 72	----	0	6.0r	27.4					5.3	6.8	low	Stickney & Miller, 1973
			----	2	6.0r	27.7					4.9	6.9		
			----	4	6.0r	27.7					5.0	6.8		
			----	6	11.0r	27.3					4.4	6.8		
			----	8	14.0r	27.3					4.7	6.6		
			----	10	19.0r	27.3					4.9	6.5		
			----	12	21.0r	27.2					4.2	6.4		
+17.1	0.0		----	0	10.0r	27.1					5.0	6.7	low	
			----	2	10.0r	27.1					5.5	6.6		
			----	4	11.0r	27.1					4.4	6.5		
			----	6	16.0r	27.2					5.0	6.5		
			----	8	20.0r	27.3					3.8	6.5		
			----	10	24.0r	27.3					4.6	6.6		
+12.6	0.0		----	0	14.0r	27.0					4.1	6.6	low	
			----	2	13.0r	27.1					3.9	5.6		
			----	4	13.0r	27.0					4.2	6.6		
			----	6	13.0r	27.1					4.0	6.2		
			----	8	15.0r	27.2					4.4	5.4		
			----	10	28.0r	27.3					4.5	5.7		
			----	12	28.0r	27.3					4.5	6.1		
+23.1	0.0		----	0	12.0r	27.4					4.9	6.9	flood	
			----	2	8.0r	28.0					4.6	6.9		
			----	4	8.0r	27.9					5.4	6.8		
			----	6	10.0r	27.4					4.2	6.6		
			----	8	14.0r	27.6					4.4	6.6		
			----	10	20.0r	27.6					4.2	6.4		
			----	12	21.0r	27.4					4.3	6.4		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+17.1	0.0	19 Jul 72	----	0	11.0r	28.2					4.6	6.8	flood	Stickney & Miller, 1973
			----	2	11.0r	28.1					5.0	6.7		
			----	4	11.0r	27.8					5.0	6.6		
			----	6	14.0r	27.4					4.2	6.7		
			----	8	20.0r	27.4					4.6	6.3		
			----	10	25.0r	27.6					5.1	6.2		
			----	12	25.0r	28.0					5.0	6.9		
			----	14	27.0r	27.5					4.5	7.0		
+12.6	0.0		----	0	19.0r	28.0					4.5	7.3	flood	
			----	2	15.0r	27.7					4.3	7.3		
			----	4	18.0r	27.4					3.9	7.1		
			----	6	22.0r	27.5					4.0	7.0		
			----	8	27.0r	27.8					4.5	6.8		
			----	10	28.0r	27.9					4.6	6.6		
			----	12	30.0r	27.9					4.6	6.4		
+23.1	0.0		----	0	12.0r	27.9					5.9	6.8	high	
			----	2	12.0r	28.0					5.7	6.6		
			----	4	12.0r	27.6					5.3	6.7		
			----	6	14.0r	27.5					5.0	6.6		
			----	8	22.0r	27.3					4.8	6.3		
			----	10	26.0r	27.4					5.0	6.3		
			----	12	28.0r	27.4					4.2	6.2		
			----	14	28.0r	27.3					4.6	6.1		
+17.1	0.0		----	0	13.0r	27.7					6.5	6.4	high	
			----	2	15.0r	28.0					6.4	6.4		
			----	4	15.0r	27.9					5.7	6.4		
			----	6	18.0r	27.4					5.3	6.8		
			----	8	26.0r	27.6					5.2	6.5		
			----	10	27.0r	27.6					5.3	6.4		
			----	12	28.0r	27.5					5.0	6.8		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+12.6	0.0	19 Jul 72	----	0	16.0r	27.7					5.7	6.8	high	Stickney & Miller, 1973	
			----	2	16.0r	27.6					5.4	6.8			
			----	4	24.0r	27.4					4.8	7.0			
			----	6	22.0r	27.6					5.2	7.1			
			----	8	28.0r	27.4					5.0	6.8			
			----	10	30.0r	27.4					4.9	6.9			
			----	12	32.0r	27.5					4.8	7.0			
			----	14	31.0r	27.5					4.8	6.1			
+23.1	0.0		----	0	10.0r	27.7					5.8	7.0	ebb		
			----	2	10.0r	27.3					5.5	7.1			
			----	4	13.0r	26.9					4.8	6.9			
			----	6	19.0r	26.9					5.3	6.2			
			----	8	24.0r	27.0					5.2	6.5			
			----	10	25.0r	27.0					5.2	6.7			
			----	12	24.0r	26.6					5.3	6.9			
			----	14	25.0r	27.0					5.2	6.2			
+17.1	0.0		----	0	11.0r	27.4					4.7	6.9	ebb		
			----	2	10.0r	27.4					5.0	7.4			
			----	4	12.0r	27.5					5.2	7.1			
			----	6	10.0r	27.4					5.0	7.4			
			----	8	10.0r	27.3					4.8	7.4			
			----	10	21.0r	27.2					4.9	6.9			
			----	12	26.0r	27.3					4.7	7.2			
+12.6	0.0		----	0	15.0r	27.9					5.5	7.5	ebb		
			----	2	15.0r	27.5					5.8	7.3			
			----	4	12.0r	27.1					4.7	7.4			
			----	6	21.0r	27.3					4.7	7.3			
			----	8	26.0r	27.4					4.7	7.2			
			----	10	26.0r	27.5					4.7	7.4			

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+12.6	0.0	19 Jul 72	----	12	29.0r	27.5					4.7	7.3	ebb	Stickney & Miller, 1973
			----	14	29.0r	27.5				4.6	7.2			
+23.1	0.0		----	0	8.0r	27.2					4.0	7.0	low	
			----	2	8.0r	27.3				4.0	6.8			
			----	4	8.0r	27.2				3.9	6.8			
			----	6	8.0r	27.2				3.9	6.8			
			----	8	16.0r	27.1				3.7	6.6			
			----	10	16.0r	27.0				3.5	6.6			
			----	12	16.0r	27.0				3.5	6.7			
+17.1	0.0		----	0	10.0r	27.2					4.0	7.0	low	
			----	2	10.0r	27.1				3.9	6.9			
			----	4	12.0r	27.1				3.5	6.7			
			----	6	15.0r	27.1				3.5	6.8			
			----	8	18.0r	27.1				3.7	6.2			
			----	10	24.0r	26.9				3.8	6.0			
			----	12	25.0r	27.1				3.8	6.1			
----	14	26.0r	27.1				3.6	6.2						
+12.6	0.0		----	0	12.0r	27.1					3.3	6.4	low	
			----	2	12.0r	27.1				3.0	6.4			
			----	4	12.0r	27.2				3.5	6.5			
			----	6	18.0r	27.3				3.6	6.5			
			----	8	23.0r	27.2				3.6	6.4			
			----	10	26.0r	27.2				3.8	6.5			
			----	12	28.0r	27.3				3.8	6.5			

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+23.1	0.0	19 Jul 72	----	0	23.0r	26.9					3.3	6.5	flood	Stickney & Miller, 1973
			----	2	11.0r	26.9					3.7	7.2		
			----	4	26.0r	27.1					3.6	7.2		
			----	6	11.0r	27.1					3.6	6.9		
			----	8	8.0r	26.9					3.6	6.9		
			----	10	11.0r	26.8					3.6	7.0		
			----	12	19.0r	26.9					3.5	6.7		
+17.1	0.0		----	0	15.0r	27.1					3.4	7.0	flood	
			----	2	12.0r	26.9					3.9	6.9		
			----	4	12.0r	27.1					3.9	6.9		
			----	6	12.0r	27.1					3.7	6.8		
			----	8	13.0r	27.0					4.3	6.6		
			----	10	22.0r	27.0					4.2	6.3		
			----	12	21.0r	26.9					4.4	6.9		
	----	14	14.0r											
+12.6	0.0		----	0	12.0r	26.8					4.4	6.0	flood	
			----	2	13.0r	26.8					4.7	6.0		
			----	4	13.0r	27.1					4.7	6.0		
			----	6	23.0r	26.7					4.7	6.2		
			----	8	24.0r	27.2					4.4	6.4		
			----	10	26.0r	27.3					4.4	6.7		
			----	12	27.0r	27.2					4.4	6.9		
+23.1	0.0		----	0	9.0r	26.7					5.3	6.9	flood	
			----	2	10.0r	26.7					4.9	6.9		
			----	4	13.0r	26.9					4.1	6.8		
			----	6	10.0r	26.9					4.6	6.8		
			----	8	18.0r	27.0					4.4	6.6		
			----	10	20.0r	27.0					4.4	6.6		
			----	12	25.0r	27.0					4.5	6.9		
	----	14	25.0r	27.3						6.8				

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+17.1	0.0	19 Jul 72	----	0	13.0r	26.8					4.4	7.3	flood	Stickney & Miller, 1973
			----	2	13.0r	26.8				4.2	7.1			
			----	4	14.0r	26.6				4.2	7.1			
			----	6	20.0r	27.1				4.1	6.9			
			----	8	15.0r	26.9				4.0	7.2			
			----	10	26.0r	27.2				4.2	7.0			
			----	12	27.0r	27.3				4.2	6.9			
+12.6	0.0		----	0	14.0r	26.8					4.3	7.1	flood	
			----	2	15.0r	26.9					4.3	7.1		
			----	4	20.0r	27.3					4.3	7.0		
			----	6	23.0r	27.3					4.4	7.0		
			----	8	27.0r	27.3					4.6	7.2		
			----	10	30.0r	27.3					4.4	7.2		
			----	12	30.0r	27.3					4.8	7.1		
	----	14	28.0r	27.1					4.3	6.5				
+23.1	0.0		----	0	8.0r	26.5					5.3	7.1	ebb	
			----	2	9.0r	26.9					4.9	7.0		
			----	4	12.0r	27.0					4.1	7.0		
			----	6	15.0r	26.9					4.6	7.2		
			----	8	22.0r	27.1					4.4	7.1		
			----	10	18.0r	27.1					4.4	7.1		
			----	12	24.0r	27.1					4.5	7.2		
+17.1	0.0		----	0	12.0r	26.9					4.8	7.3	ebb	
			----	2	10.0r	26.9					4.9	7.4		
			----	4	16.0r	27.0					4.9	7.4		
			----	6	22.0r	27.2					4.4	7.2		
			----	8	24.0r	27.3					4.9	7.2		
			----	10	25.0r	27.2					4.8	7.1		
			----	12	22.0r	27.2					4.5	6.9		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+12.6	0.0	19 Jul 72	----	0	11.0r	26.6					4.4	6.8	ebb	Stickney & Miller, 1973
			----	2	14.0r	27.0				4.1	7.1			
			----	4	15.0r	27.0				3.9	7.2			
			----	6	19.0r	27.3				4.4	7.0			
			----	8	26.0r	27.2				4.6	7.0			
			----	10	26.0r	27.4				4.5	6.9			
			----	12	24.0r	27.3				4.5	6.7			
			----	14	22.0r	27.1				4.8	6.5			
+23.1	0.0	Aug 72	----	0	6.0r	28.0					3.6	6.9	low	
			----	2	8.0r	-				2.8	6.9			
			----	4	14.0r	-				1.9	7.0			
			----	6	15.0r	-				1.8	6.6			
			----	8	17.0r	29.0				1.8	7.1			
			----	10	20.0r	-				1.8	7.1			
			----	12	25.0r	29.0				1.9	7.4			
+17.1	0.0		----	0	12.0r	29.0					6.0	6.6	low	
			----	2	12.0r	-				3.3	6.9			
			----	4	12.0r	-				2.6	6.9			
			----	6	16.0r	-				2.3	7.1			
			----	8	20.0r	29.0				2.4	7.2			
			----	10	22.0r	-				2.3	7.3			
			----	12	24.0r	29.0				2.6	7.4			
+12.6	0.0		----	0	15.0r	29.0					5.5	7.2	low	
			----	2	15.0r	-				4.5	7.2			
			----	4	18.0r	-				3.5	7.4			
			----	6	18.0r	-				3.0	7.1			
			----	8	24.0r	28.0				3.3	7.6			
			----	10	22.0r	-				3.4	7.5			
			----	12	26.0r	-				3.6	7.8			
			----	14	26.0r	29.0				4.8	7.6			

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 2.5	0.0	3 Aug 72	1000	0	15.0r	29.5					4.2	6.4		Windom, 1973
+ 8.0	0.0		1100	0	14.0r	30.0					3.7	6.5		
+13.1	+0.1		1130	0	10.0r	30.0					4.0	6.6		
+20.6	-0.1		1145	0	6.0r	29.5					2.8	6.1		
+24.0	0.0		1215	0	3.0r	30.5					2.7	6.4		
+26.0	0.0		1240	0	2.0r	29.5					2.8	6.4		
+31.0	0.0	1315	0	1.0r	29.0					3.0	6.3			
+35.0	0.0	1345	0	0.0r	31.0					4.3	6.1			
+39.1	0.0	8 Aug 72	----	1	0.3t	29.5			20		3.0	6.9		EPD, 1973a
			----	6	0.3t	29.0		27		2.8	6.9			
+35.5	0.0		----	1	1.1t	29.5			16		1.7	6.8		
			----	6	1.0t	29.5		18		1.1	6.8			
+29.7	0.0		----	1	4.5t	30.0			17		0.8	6.8		
			----	6	6.0t	30.0		19		0.4	6.8			
+27.3	0.0		----	1	6.0t	30.0					1.1	6.8		
			----	6	6.9t	30.0		26		0.5	6.8			
+22.3	0.0		----	1	5.8t	30.0			106		0.6	6.8		
			----	6	6.7t	30.0		305		0.5	6.9			
+20.5	0.0		----	1	6.7t	30.0			34		0.6	6.8		
			----	6	7.6t	30.0				0.7	6.9			
+13.9	0.0		----	1	11.2t	30.2			37		1.8	6.8		
			----	6	13.6t	30.2		58		1.9	7.0			
+ 8.2	0.0		----	1	14.0t	30.2			34		2.7	7.0		
			----	6	13.7t	30.5		34		2.3	7.2			

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+23.1	0.0	Sep 72	----	0	6.0r	26.0					2.9	6.7	flood	Stickney & Miller, 1973
			----	2	6.0r				2.7	7.0				
			----	4	10.0r				2.8	7.0				
			----	6	12.0r				3.3	7.1				
			----	8	14.0r	27.0			3.4	7.2				
			----	10	17.0r				3.5	7.4				
			----	12	18.0r	27.0			3.6	7.4				
+17.1	0.0		----	0	12.0r	27.0					3.2	7.1	flood	
			----	2	13.0r				3.2	7.3				
			----	4	13.0r				3.0	7.3				
			----	6	14.0r				3.1	7.2				
			----	8	16.0r	26.0			3.3	7.3				
			----	10	20.0r				3.4	7.5				
			----	12	21.0r	27.0			3.8	7.4				
+12.6	0.0		----	0	15.0r	26.0					4.5	7.4	flood	
			----	2	18.0r				4.7	7.5				
			----	4	23.0r				4.7	7.8				
			----	6	24.0r				4.8	7.9				
			----	8	25.0r	26.0			4.8	8.0				
			----	10	26.0r				4.7	7.8				
			----	12	26.0r				4.8	7.9				
----	14	26.0r	26.0			4.9	8.0							
+39.1	0.0	6 Sep 72	----	1	0.3t	27.0			21		3.5	6.8		EPD, 1973a
			----	6	0.3t	27.0			20		3.5	6.9		
+35.5	0.0		----	1	1.8t	27.0			20		3.1	6.7		
			----	6	2.8t	27.0			19		2.7	6.8		
+29.7	0.0		----	1	7.6t	28.0			19		1.7	6.6		
			----	6	8.3t	27.0			31		2.0	6.8		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+27.3	0.0	6 Sep 72	----	1	7.4t	27.0			29		2.5	6.9		EPD, 1973a
			----	6	8.2t	27.0			31		2.2	6.9		
+22.3	0.0		----	1	7.4t	27.0			112		2.3	6.7		
			----	6	8.2t	27.0			318		2.2	6.8		
+20.5	0.0		----	1	8.3t	27.0			55		2.0	6.6		
			----	6	9.6t	27.0			155		2.0	6.8		
+13.9	0.0		----	1	11.8t	27.0			56		3.2	6.6		
			----	6	14.9t	27.0			55		3.3	6.9		
+ 8.2	0.0		----	1	14.0t	27.0			19		3.7	6.9		
			----	6	16.7t	27.0			25		3.7	6.9		
+ 2.5	0.0	6 Oct 72	0820	0	28.0r	23.5					6.9	7.2		Windom, 1973
+ 8.0	0.0		0905	0	25.0r	24.0					6.3	6.9		
+13.1	+0.1		0920	0	16.0r	24.0					3.0	6.4		
+20.6	-0.1		0945	0	8.0r	24.0					3.9	6.4		
+24.0	0.0		1005	0	8.0r	24.0					4.0	6.4		
+26.0	0.0		1025	0	7.0r	24.8					3.0	6.4		
+31.0	0.0	1045	0	4.0r	24.5					3.0	6.2			
+36.5	0.0	1105	0	1.0r	24.0					4.2	6.2			
+39.1	0.0	11 Oct 72	----	1	0.1t	22.0			46		5.8	6.9		EPD, 1973a
			----	6	0.2t	21.5			56		6.1	7.1		
+35.5	0.0		----	1	2.4t	22.5			34		4.1	6.8		
			----	6	4.1t	22.5			162		3.5	6.9		
+29.7	0.0		----	1	5.7t	23.0			40		3.7	6.8		
			----	6	9.6t	23.0			52		3.0	6.9		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+27.3	0.0	11 Oct 72	----	1	7.6t	23.0			44		3.9	6.9		EPD, 1973a
			----	6	11.9t	23.0			56		3.5	7.0		
+22.3	0.0		----	1	8.9t	23.0			42		3.9	7.2		
			----	6	12.1t	23.0			54		3.8	7.2		
+20.5	0.0		----	1	12.3t	22.5			56		4.0	6.9		
			----	6	20.8t	23.0			76		5.0	7.4		
+13.9	0.0		----	1	13.6t	22.0					5.1	7.1		
			----	6	22.1t	22.0			108		5.8	7.5		
+ 8.2	0.0		----	1	20.3t	22.0			62		6.2	7.2		
			----	6	16.7t	21.5			110		6.5	7.7		
+23.1	0.0	23 Oct 72	----	0	6.0r	21.0					6.3	6.4	high	Stickney & Miller, 1973
			----	2	10.0r	21.0					5.8	6.2		
			----	4	17.0r	21.0					5.6	6.4		
			----	6	19.0r	20.5					6.2	6.4		
			----	8	20.0r	20.5					6.0	6.4		
			----	10	21.0r	20.5					6.3	6.6		
			----	12	22.0r	20.5					6.0	6.7		
			----	14	22.0r	21.0					6.1	6.6		
+17.1	0.0		----	0	20.0r	21.5					6.2	6.7	high	
			----	2	23.0r	20.5					6.3	6.9		
			----	4	24.0r	20.5					6.5	7.1		
			----	6	27.0r	20.0					6.6	7.1		
			----	8	28.0r	20.0					6.5	7.3		
			----	10	28.0r	20.0					6.5	7.4		
			----	12	28.0r	20.0					6.7	7.4		
			----	14	29.0r	20.0					6.6	6.3		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+12.6	0.0	23 Oct 72	----	0	19.0r	21.0					5.9	6.4	high	Stickney & Miller, 1973
			----	2	22.0r	20.5				6.0	6.4			
			----	4	23.0r	20.5				6.0	6.5			
			----	6	29.0r	20.0				6.4	6.9			
			----	8	29.0r	20.0				6.4	7.1			
			----	10	29.0r	20.0				6.9	7.2			
			----	12	29.0r	20.0				6.8				
+23.1	0.0		----	0	14.0r	21.5					5.3	6.3	ebb	
			----	2	14.0r	21.5				5.2	6.3			
			----	4	15.0r	21.0				5.1	6.5			
			----	6	16.0r	21.0				5.0	6.5			
			----	8	14.0r	21.0				4.8	6.6			
			----	10	14.0r	21.0				4.7	6.7			
			----	12	16.0r	21.0				5.1	6.7			
----	14	16.0r	21.0				5.4	6.6						
+17.1	0.0		----	0	14.0r	21.0					5.9	6.8	ebb	
			----	2	16.0r	21.0				5.6	6.8			
			----	4	16.0r	21.0				5.6	6.8			
			----	6	18.0r	21.0				5.6	6.8			
			----	8	21.0r	21.5				5.7	6.9			
			----	10	22.0r	21.0				5.8	7.0			
			----	12	24.0r	21.0				5.9	7.0			
----	14	23.0r	21.0				5.8	7.1						
+12.6	0.0		----	0	15.0r	22.0					5.6	7.2	ebb	
			----	2	17.0r	21.5				5.5	7.2			
			----	4	18.0r	21.0				5.6	7.2			
			----	6	18.0r	21.0				5.6	7.2			
			----	8	23.0r	21.0				5.8	7.2			
			----	10	24.0r	21.0				6.1	7.4			
			----	12	24.0r	20.5				5.9	7.4			
----	14	26.0r	20.5				6.1							

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+23.1	0.0	23 Oct 72	----	0	4.0r	21.5					6.4	7.1	low	Stickney & Miller, 1973
			----	2	5.0r	21.5					5.8	7.1		
			----	4	5.0r	21.5					6.1	7.1		
			----	6	5.0r	21.5					6.0	7.1		
			----	8	5.0r	21.5					5.9	7.1		
			----	10	5.0r	21.0					5.9	5.7		
			----	12	6.0r	21.5					5.8	5.8		
+17.1	0.0		----	0	10.0r	21.5					5.6	5.9	low	
			----	2	10.0r	21.5					5.5	6.0		
			----	4	10.0r	22.0					5.4	6.1		
			----	6	11.0r	22.0					5.1	6.2		
			----	8	12.0r	21.5					5.2	6.2		
			----	10	13.0r	22.0					4.6	6.3		
			----	12	17.0r	21.5						6.4		
+12.6	0.0		----	0	14.0r	21.5					5.1	6.5	low	
			----	2	14.0r	21.5					4.8	6.5		
			----	4	16.0r	21.0					4.9	6.5		
			----	6	18.0r	21.0					5.2	6.6		
			----	8	20.0r	20.5					5.4	6.6		
			----	10	21.0r	21.0					5.6	6.7		
			----	12	21.0r	21.0					5.6	6.8		
+23.1	0.0		----	0	6.0r	21.5					6.0	6.0	flood	
			----	2	8.0r	21.0					5.7	6.2		
			----	4	14.0r	21.0					5.4	6.0		
			----	6	14.0r	21.0					5.2	6.1		
			----	8	14.0r	21.0					5.2	6.2		
			----	10	15.0r	21.0					5.1	6.2		
			----	12	16.0r	21.0					3.6	6.2		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIME	SOURCE
+17.1	0.0	23 Oct 72	----	0	17.0r	21.0						6.3	flood	Stickney & Miller, 1973
			----	2	18.0r	21.0				6.4	6.4			
			----	4	18.0r	21.0				6.5	6.4			
			----	6	18.0r	21.0				6.5	6.4			
			----	8	19.0r	21.0				6.5	6.4			
			----	10	20.0r	21.0				6.3	6.6			
			----	12	20.0r	21.0				6.1	6.6			
			----	14	20.0r	21.0					6.1	6.5		
+12.6	0.0		----	0	20.0r	21.0					6.7	6.6	flood	
			----	2	22.0r	21.0					6.6	6.6		
			----	4	24.0r	21.0					6.8	6.6		
			----	6	24.0r	21.0					7.2	7.1		
			----	8	27.0r	21.0					7.1	7.1		
			----	10	27.0r	20.5					7.2	7.2		
			----	12	27.0r	20.5					7.2	7.2		
			----	14	27.0r	20.5					7.1	7.2		
+23.1	0.0		----	0	6.0r	21.0					6.1	6.4	high	
			----	2	9.0r	21.0					5.8	6.3		
			----	4	15.0r	21.0					6.3	6.2		
			----	6	16.0r	21.0					6.4	6.3		
			----	8	18.0r	20.5					6.2	6.3		
			----	10	18.0r	20.5					6.5	6.4		
			----	12	20.0r	20.5					6.0	6.4		
			----	14	19.0r	20.5					6.2	6.4		
+17.1	0.0		----	0	17.0r	21.0					6.4	6.5	high	
			----	2	18.0r	21.0					6.4	6.5		
			----	4	20.0r	21.0					6.5	6.6		
			----	6	20.0r	21.0					6.4	6.6		
			----	8	22.0r	20.5					6.6	6.6		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+17.1	0.0	23 Oct 72	----	10	25.0r	20.5					6.7	6.7	high	Stickney & Miller, 1973
			----	12	25.0r	20.5					6.9	6.9		
			----	14	25.0r	20.5					7.0	7.1		
+12.6	0.0		----	0	16.0r	21.0					6.0	7.2	high	
			----	2	19.0r	21.0					6.5	7.2		
			----	4	22.0r	20.5					6.6	7.1		
			----	6	25.0r	20.5					6.8	7.1		
			----	8	26.0r	20.5					7.1	7.2		
			----	10	24.0r	20.5					6.9	7.3		
			----	12	25.0r	20.5					6.8	7.3		
----	14	27.0r	20.5					7.1	7.3					
+23.1	0.0	Nov 72	----	0	11.0r	17.0					5.2	6.5	high	
			----	2	13.0r						4.8	6.4		
			----	4	15.0r						5.0	6.4		
			----	6	15.0r						5.0	6.5		
			----	8	17.0r	15.0					5.0	6.5		
			----	10	22.0r						5.8	6.4		
----	12	21.0r	15.0					6.2	6.5					
+17.1	0.0		----	0	10.0r	16.0					5.4	7.1	high	
			----	2	10.0r						5.7	7.3		
			----	4	13.0r						5.8	7.3		
			----	6	18.0r						6.2	7.2		
			----	8	18.0r	15.0					6.2	7.1		
			----	10	20.0r						6.5	7.2		
			----	12	22.0r						6.5	7.3		
----	14	24.0r	16.0					6.5	7.4					
+12.6	0.0		----	0	15.0r	15.0					6.4	7.4	high	
			----	2	14.0r						6.3	7.3		
			----	4	14.0r						6.2	7.3		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+12.6	0.0	Nov 72	----	6	15.0r						6.0	7.3	high	Stickney & Miller, 1973
			----	8	22.0r	16.0			6.7	7.2				
			----	10	27.0r	15.0			6.0	7.3				
+39.1	0.0	8 Nov 72	----	1	0.1t	19.8			36		5.7	7.1		EPD, 1973a
			----	6	0.1t	19.8			49	5.7	7.1			
+35.5	0.0		----	1	3.7t	20.4			33		4.6	7.0		
			----	6	6.3t	20.1			28	4.1	6.9			
+29.7	0.0		----	1	6.3t	20.1			28		4.6	6.9		
			----	6	9.8t	20.3			37	4.2	7.0			
+27.3	0.0		----	1	7.3t	20.3			28		4.6	6.9		
			----	6	12.2t	20.3			42	4.4	7.0			
+22.3	0.0		----	1	7.6t	20.4			34		4.5	7.1		
			----	6	10.1t	20.3			36	4.5	6.9			
+20.5	0.0		----	1	8.7t	20.4			31		4.5	7.0		
			----	6	18.5t	20.3			80	5.0	7.2			
+13.9	0.0		----	1	11.3t	20.4			35		5.0	6.9		
			----	6	19.0t	20.2			53	5.3	7.3			
+ 8.2	0.0		----	1	14.2t	20.4			38		5.4	7.2		
			----	6	27.6t	20.0			75	6.1	7.6			
+23.1	0.0	Dec 72	----	0	10.0r	15.0					6.5	5.6	ebb	Stickney & Miller, 1973
			----	2	10.0r					5.4	5.4			
			----	4	14.0r					7.2	6.9			
			----	6	15.0r					7.2	5.2			
			----	8	16.0r	14.0				7.2	5.2			

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+23.1	0.0	Dec 72	----	10	16	r					6.4		ebb	Stickney & Miller, 1973
				12	16	r			6.4					
				14	16	r			6.8					
				16	19	r	14		7.4					
+17.1	0.0		----	0	8	r	15				5.8		high	
				2	12	r			5.4					
				4	14	r			5.4					
				6	15	r			5.4					
				8	16	r	15		5.8					
				10	18	r			6.2					
				12	18	r			6.4					
				14	20	r	14		6.8					
+12.6	0.0		----	0			15						high	
				2	12	r			5.8					
				4	14	r			5.2					
				6	14	r			5.4					
				8	16	r	13		4.9					
				10	17	r			5.4					
				12	17	r	13		5.2					
+39.1	0.0	5 Dec 72	----	1	0.3t	12.9					7.1	7.2		EPD, 1973a
				6	0.3t	12.8			25	7.1	7.2			
+35.5	0.0		----	1	2.3t	12.9					6.6	7.2		
				6	3.3t	12.9			142	6.3	7.2			
+29.7	0.0		----	1	6.6t	13.2					5.9	7.2		
				6	7.8t	13.2			35	5.9	7.2			

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+27.3	0.0	5 Dec 72	----	1	8.7t	13.3			32		5.8	7.2		EPD, 1973a
			----	6	10.7t	13.3			67			7.3		
+22.3	0.0		----	1	9.1t	13.4			111			7.2		
			----	6	11.2t	13.4			230			7.3		
+20.5	0.0		----	1	9.7t	13.4			45			7.2		
			----	6	11.2t	13.4			90			7.3		
+ 8.2	0.0		----	6	23.7t									Windom, 1973
+ 2.5	0.0	12 Dec 72	0945	0	24 r	17					8.0			
+ 8.0	0.0		1045	0	14 r	17					7.6			
+13.1	+0.1		1110	0	10 r	17					7.2			
+20.6	-0.1		1130	0	6 r	18					6.4			
+24.0	0.0		1150	0	5 r	18					6.7			
+26.0	0.0		1215	0	3 r	18					6.9			
+31.0	0.0		1230	0	3 r	18					6.7			
+36.5	0.0		1250	0	0 r	18					6.6			
+39.1	0.0	23 Jan 73	----	1	0.0t	12.0			9		8.1	6.9		
			----	6	0.0t	12.0			9		8.1	6.9		
+35.5	0.0		----	1	0.0t	12.0			21		8.3	6.8		
			----	6	0.0t	12.5			23		8.3	6.8		
+29.7	0.0		----	1	0.2t	12.5			22		8.2	6.8		
			----	6	0.2t	12.5			24		8.0	6.8		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+27.3	0.0	23 Jan 73	----	1	0.6t	12.5			31		8.1	6.7		EPD, 1974
			----	6	1.6t	12.0			39		8.1	6.8		
+22.3	0.0		----	1	0.7t	12.5			38		8.1	6.7		
			----	6	7.6t	12.0			39		8.1	7.1		
+20.5	0.0		----	1	0.7t	12.5			26		8.3	6.7		
			----	6	10.3t	11.5			37		8.4	7.1		
+13.9	0.0		----	1	3.6t	12.0			29		8.4	6.8		
			----	6	19.2t	11.5			121		8.5	7.8		
+ 8.2	0.0		----	1	5.4t	12.0			25		8.4	6.9		
			----	6	20.1t	11.0			59		8.7	7.8		
+39.1	0.0	2 Feb 73	----	1	0.1t	7.5			13		10.3	7.1		
			----	6	0.0t	7.0			11		10.4	7.1		
+35.5	0.0		----	1	0.0t	7.5			12		10.4	6.6		
			----	6	0.0t	7.5			10		10.5	6.6		
+29.7	0.0		----	1	0.1t	7.6			19		10.5	6.7		
			----	6	0.1t	7.5			20		10.5	6.8		
+27.3	0.0		----	1	0.3t	7.7			18		10.1	6.6		
			----	6	0.1t	7.5			20		10.5	6.8		
+22.3	0.0		----	1	0.8t	7.5			24		10.3	6.6		
			----	6	5.0t	8.0			56		9.8	6.7		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+20.5	0.0	2 Feb 73	----	1	1.6t	8.0			25		10.0	6.5		EPD, 1974
				6	5.6t	7.5			55		9.8	6.8		
+13.9	0.0		----	1	3.0t	8.0			27		10.1	6.6		
				6	7.2t	8.0			73		9.9	6.9		
+ 4.7	+0.1	20 Feb 73	0930	0	9.2	7.0								Scope, 1973
				1	14.6	6.8								
				2	17.3	6.9								
				3	17.2	7.0								
				3.5	19.2	7.1								
				4.5	20.9	7.2								
				6(15 ^o)	26.1	7.4								
				7.5	27.5	7.7								
				9	27.4	7.6								
		28 Feb 73	1520	0	7.6	11.8								
				1	11.6	11.0								
				2	19.6	10.5								
				3	23.5	10.5								
				3.5	25.6	10.5								
				4.5	27.6	10.3								
				6	28.4	10.3								
				7.5	28.6	10.5								
+39.1	0.0	6 Mar 73	---	1	0.0t	16.0			10		7.7	6.8		EPD, 1974
				6	0.0t	16.0			8		7.8	6.7		
+35.5	0.0		----	1	0.1t	16.0			19		7.7	6.9		
				6	0.1t	16.0			19		7.7	6.9		

TYBEE ROADS · SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+29.7	0.0	6 Mar 73	----	1	0.6t	16.0			27			6.7		EPD, 1974
			----	6	0.6t	16.0			29		7.5	6.8		
+27.3	0.0		----	1	0.7t	16.0			28		7.4	6.5		
			----	6	1.0t	16.0			35		7.4	6.8		
+22.3	0.0		----	1	0.9t	16.0			82		7.4	6.6		
			----	6	1.2t	15.0			29		7.2	6.8		
+20.5	0.0		----	1	1.5t	16.0			58		7.5	6.6		
			----	6	2.7t	15.5			140		7.1	6.8		
+13.9	0.0		----	1	3.8t	15.5			43		7.5	6.6		
			----	6	6.8t	15.5			100		7.4	6.8		
+ 8.2	0.0		----	1	5.7t	15.5			47		7.5	6.5		
			----	6	6.6t	15.0			85		7.4	6.9		
+ 4.7	+ 0.1	14 Mar 73	1330	0	13.2	16.0								Scope, 1973
				1	9.0	18.2								
				2	9.0	17.9								
				3	12.9	16.2								
				3.5	15.0	16.1								
				4.5	16.9	15.8								
				6	20.4	15.7								
				7.5	23.9	15.2								
				9	24.0	15.1								

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+36.5	0.0	16 Mar 73	0915	0	0.0	20.4								Scope, 1973
				1(25°)	0.0	20.5								
				2	0.0	20.4								
				3(45°)	0.0	20.4								
				3.5	0.0	20.1								
				4.5(50°)	0.0	20.2								
				6	0.0	20.3								
				7.5(60°)	0.0	20.3								
				9	0.0	20.3								
				10.5	0.0	20.3								
				12	0.0	20.3								
				13.5	0.0	20.3								
				15	0.0	20.3								
				17	0.0	20.3								
18.5	0.0	20.3												
19.5	0.0	20.3												
+ 2.5	0.0		1020	0	12 r	19				7.4	6.7		Windom, 1973	
+ 8.0	0.0		1050	0	8 r	20				6.9	6.5			
+34.0	0.0		1055	0	0.0	20.2								Scope, 1973
				1	0.0	20.3								
				2(50°)	0.0	20.3								
				3	0.0	20.3								
				3.5	0.0	20.3								
				4.5	0.0	20.3								
				6	0.0	20.3								
				7.5	0.0	20.3								
				9(65°)	0.0	20.3								

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+31.1	-0.1	16 Mar 73	1345	9(30°)	0.0	14.5								Scope, 1973
				10.5	0.0	14.6								
				12	0.1	14.5								
				13.5	0.4	14.5								
+26.0	0.0		1345	0	1 r	21					6.5	6.2		Windom, 1973
+31.0	0.0		1405	0	1 r	21					6.8	6.1		
+36.5	0.0		1430	0	0 r	22					6.6	6.1		
+31.7	+0.1	19 Mar 73	0900	0	0.2	17.2								Scope, 1973
				1	0.2	17.0								
				2	0.3	17.1								
				3	0.3	17.1								
				3.5	0.4	17.2								
				4.5	0.0	17.2								
				6	0.7	17.1								
				7.5	0.5	17.2								
				9	1.1	17.2								
				10.5	1.2	17.2								
+31.1	-0.1		0935	0	0.2	17.7								
				1	1.0	17.7								
				2	1.0	17.5								
				3	1.0	17.6								
				3.5	1.0	17.5								
				4.5	1.2	17.5								
				6	1.4	17.2								
				7.5	1.6	17.2								
				9	1.5	17.2								
				10.5	1.8	17.2								

TYBEE ROADS · SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+10.3	+ 0.1	26 Mar 73	1325	0	7.1	15.0								Scope, 1973
				1	7.3	14.8								
				2	7.3	15.0								
				3	11.5	14.4								
				3.5	22.9	13.8								
				4.5	24.7	13.8								
				6	26.3	13.9								
+13.3	+ 0.1	27 Mar 73	0930	0	6.4	15.0								
				1	6.3	14.8								
				2		14.7								
				3										
				3.5										
				4.5	14.0	14.6								
				6	25.8	14.5								
				7.5	26.5	14.5								
				9	28.2	14.5								
10.5	28.9	14.4												
+10.3	+ 0.1		0950	0	7.2	14.6								
				1	7.5	14.7								
				2	7.8	14.8								
				3	7.9	14.8								
				3.5	9.7	14.7								
				4.5	11.4	14.8								
				6	19.7	14.8								
- 1.2	- 0.2		1220	0	17.9	16.2								
				1	22.0	15.2								
				2	23.9	14.8								

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+16.9	- 0.2	28 Mar 73	1425	3.5	7.3	14.9								Scope, 1973
				4.5	8.1	14.6								
				6	11.2	14.3								
				7.5	21.9	14.1								
+20.1	+ 0.2		1440	0	6.0	14.9								
				1	5.9	14.9								
				2	6.0	14.9								
				3	6.0	14.9								
				3.5	6.2	14.7								
				4.5	9.9	14.3								
				6	14.7	14.1								
				7.5	18.4	14.1								
8	21.4	14.0												
+24.2	- 0.1		1500	0	3.1	15.1								
				1	3.0	15.0								
				2	3.0	14.8								
				3	3.6	14.8								
				3.5	4.2	14.6								
				4.5	5.6	14.8								
				6	8.5	14.4								
				7.5	13.8	14.1								
				9	21.6	14.0								
				10.5	24.0	13.9								
				12	25.6	13.9								
				13.5	25.7	13.9								
15	26.1	13.9												

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+28.2	0.0	30 Mar 73	1420	0	0.0	20.7								Scope, 1973
				1	0.0	20.7								
				2	0.0	20.7								
				3	0.0	20.7								
				3.5	0.0	20.6								
				4.5	0.0	20.6								
				6	0.0	20.6								
				7.5	0.0	20.6								
				9	0.0	20.6								
				10.5	0.0	20.6								
				12(20°)	0.0	20.6								
				13.5	0.0	20.6								
+20.1	+0.2	2 Apr 73	1010	0	1.1	15.9								
				1	1.1	15.8								
				2(30°)	1.2	15.8								
				3	1.3	15.7								
				3.5(45°)	1.5	15.8								
				4.5	2.0	15.7								
				6	6.5	15.7								
				7.5	7.2	15.5								
				9(60°)	7.8	15.5								
				10.5	12.1	15.4								
				12(70°)	12.0	15.3								
				+16.9	-0.2		1047	0	2.4	15.9				
1(45°)	2.6	15.8												
2	2.9	15.9												
3(60°)	3.0	15.8												
3.5	3.2	15.7												

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 2.5	0.0	4 Apr 73	1100	6	27.7	15.5								Scope, 1973
				7.5	27.9	15.5								
				9	28.2	15.5								
				10.5	28.2	15.5								
				12	28.2	15.4								
				13.5	28.2	15.4								
				15	28.2	15.4								
				17(70°)	28.2	15.4								
+ 4.7	+0.1		1150	0	5.4	16.8								
				1	5.8	16.5								
				2	7.5	16.4								
				3	10.5	16.2								
				3.5	10.8	16.3								
				4.5	10.5	16.2								
				6	15.0	15.9								
				7.5	15.5	15.8								
				9	15.3	15.8								
				10.5	18.6	15.8								
				12	25.5	15.6								
				13.5	25.0	15.5								
				15	26.5	15.5								
				17(65°)	26.4	15.4								
+ 7.2	0.0		1212	0	3.1	16.5								
				1	3.6	16.5								
				2	4.5	16.3								
				3	6.0	16.2								
				3.5	6.7	16.0								
				4.5	7.2	16.0								
				6	7.5	16.0								

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+13.3	+0.1	4 Apr 73	1255	9	4.5	16.0								Scope, 1973
				10.5	4.5	16.0								
				12	8.5	15.9								
				13.5	15.6	15.7								
				15	14.5	15.7								
				17(45°)	14.2	15.7								
+16.8	+0.1		1315	0	0.8	16.2								
				1	0.9	16.1								
				2	0.9	16.0								
				3	1.0	16.0								
				3.5	1.0	16.0								
				4.5	1.0	16.0								
				6	1.2	15.9								
				7.5	2.5	15.9								
				9	3.0	15.9								
				10.5	9.1	15.9								
				12	12.8	15.8								
				13.5	13.1	15.8								
15	14.1	15.7												
17(45°)	13.6	15.7												
+20.1	+0.2		1337	0	0.2	16.3								
				1	0.2	16.2								
				2	0.1	16.2								
				3	0.1	16.1								
				3.5	0.1	16.1								
				4.5	0.0	15.9								
				6	0.0	16.0								
				7.5	0.0	15.9								
				9	0.0	15.9								

TYBEE ROADS · SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+28.3	+ 0.1	4 Apr 73	1425	0	0.0	16.5								Scope, 1973
				1	0.0	16.5								
				2	0.0	16.5								
				3	0.0	16.4								
				3.5	0.0	16.4								
				4.5	0.0	16.3								
				6	0.0	16.3								
				7.5	0.0	16.3								
				9	0.0	16.3								
				10.5(10°)	0.0	16.3								
+31.1	- 0.1		1442	0	0.0	16.9								
				1	0.0	16.6								
				2	0.0	16.5								
				3	0.0	16.4								
				3.5	0.0	16.4								
				4.5	0.0	16.4								
				6	0.0	16.4								
				7.5	0.0	16.4								
				9	0.0	16.4								
				10.5	0.0	16.4								
12	0.0	16.4												
13.5(20°)	0.0	16.4												
+34.0	0.0		1455	0	0.0	16.8								
				1	0.0	16.8								
				2	0.0	16.7								
				3	0.0	16.7								
				3.5	0.0	16.7								
				4.5	0.0	16.7								

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+34.0	0.0	4 Apr 73	1455	6	0.0	16.7								Scope, 1973
				7.5	0.0	16.7								
				9	0.0	16.7								
				10.5	0.0	16.7								
				12(10°)	0.0	16.7								
+36.7	0.0		1512	0	0.0	16.8								
				1	0.0	16.8								
				2	0.0	16.7								
				3	0.0	16.7								
				3.5	0.0	16.7								
				4.5	0.0	16.7								
				6	0.0	16.7								
				7.5	0.0	16.7								
				9	0.0	16.7								
				10.5	0.0	16.7								
12	0.0	16.7												
				13.5(15°)	0.0	16.7								
+39.1	0.0	9 Apr 73	----	1	0.0t	17.0			13		6.6	7.0	EPD, 1974	
			----	6	0.0t	17.0			9		6.8	7.0		
+35.5	0.0		----	1	0.0t	17.0			17		6.7	7.2		
			----	6	0.0t	17.0			13		6.8	7.2		
+29.7	0.0		----	1	0.1t	17.0			11		6.5	7.1		
			----	6	0.1t	17.0			16		6.5	7.1		
+27.3	0.0		----	1	0.2t	17.5			16		6.4	7.2		
			----	6	1.1t	17.0			32		6.2	7.2		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+22.3	0.0	9 Apr 73	----	1	0.4t	17.5			48		6.3	6.8		EPD, 1974
			----	6	1.1t	17.0			40		6.1	7.0		
+20.5	0.0		----	1	0.4t	17.0			43		6.3	6.9		
			----	6	1.3t	17.0			41		6.2	7.0		
+13.9	0.0		----	1	4.9t	17.5			19		6.3	7.0		
			----	6	10.3t	17.0			26		6.3	7.3		
+ 8.2	0.0		----	1	5.7t	17.0			22		6.6	6.9		
			----	6	13.0t	16.5			25		6.7	7.5		
+ 2.5	0.0	26 Apr 73	1015	0	6 r	20					7.0	5.6		Windom, 1973
+ 8.0	0.0		1035	0	5 r	20					6.8	5.1		
+13.1	+ 0.1		1105	0	5 r	20					6.4	5.1		
+20.6	- 0.1		1145	0	2 r	20					6.2	5.9		
+24.0	0.0		1215	0	0 r	20					6.2	5.8		
+26.0	0.0		1245	0	0 r	20					6.2	6.0		
+31.0	0.0	1300	0	0 r	20					6.0	6.0			
+36.5	0.0	1350	0	0 r	20					6.0	6.1			
+39.1	0.0	8 May 73	----	1	0.0t	19.5			9		6.7	7.0		EPD, 1974
			----	6	0.0t	19.5			12		6.6	7.2		
+35.5	0.0		----	1	0.0t	19.0			29		6.7	7.0		
			----	6	0.0t	19.5			29		6.6	7.4		
+29.7	0.0		----	1	0.1t	19.2			27		6.5	7.0		
			----	6	0.1t	19.0			25		6.5	7.2		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+27.3	0.0	8 May 73	----	1	0.3t	19.4			40		6.5	6.9		EPD, 1974
			----	6	0.5t	19.0			50		6.3	7.2		
+22.3	0.0		----	1	0.6t	19.5			72		6.2	6.9		
			----	6	0.6t	19.5			86		6.0	7.0		
+20.5	0.0		----	1	0.4t	19.5					6.4	7.1		
			----	6	0.6t	19.0			81		5.9	6.9		
+13.9	0.0		----	1	3.7t	19.5			31		5.9	7.1		
			----	6	7.3t	19.5			24		5.5	7.1		
+ 8.2	0.0		----	1	5.8t	19.5			17		5.8	7.2		
			----	6	10.3t	19.8			25		5.8	7.3		
+39.1	0.0	6 Jun 73	----	1	0.0t	24.0			16		6.3	6.8		EPD, 1974
			----	6	0.0t	23.0			19		6.3	7.0		
+35.5	0.0		----	1		23.5			33		6.0	7.0		
			----	6	0.1t	23.5			52		6.0	7.0		
+29.7	0.0		----	1	0.8t	24.0			40		5.6	7.0		
			----	6	1.0t	24.0			41		5.5	7.0		
+27.3	0.0		----	1	12.5t	24.0			46		5.2	6.8		
			----	6	3.6t	24.0			52		4.5	7.0		
+22.3	0.0		----	1	1.3t	24.0			46		5.2	6.9		
			----	6	2.8t	24.0			58		4.5	6.8		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+20.5	0.0	6 Jun 73	----	1	1.3t	24.0			17		5.2	6.9		EPD, 1974
			----	6	4.1t	24.5			55		4.1	6.9		
+13.9	0.0		----	1	7.5t	25.0			26		4.7	7.4		
			----	6	9.8t	25.0			35		4.3	7.2		
+ 8.2	0.0		----	1		25.0			25		4.7	7.1		
			----	6	13.7t	25.5			42		4.7	7.3		
+ 2.5	0.0	26 Jun 73	0845	0	5 r	25					5.0	7.0		Windom, 1973
+ 8.0	0.0		0915	0	4 r	25					5.0	7.0		
+13.1	+ 0.1		0930	0	4 r	25					5.2	6.8		
+20.6	- 0.1		0950	0	0 r	24					5.2	6.8		
+24.0	0.0		1010	0	0 r	24					5.6	6.8		
+26.0	0.0			1040	0	0 r	24					5.4	6.9	
+31.0	0.0		1055	0	0 r	24					6.0	7.0		
+36.5	0.0		1105	0	0 r	24					5.6	6.8		
+39.1	0.0	10 Jul 73	----	1	0.0t	25.5			26		4.6	7.0		EPD, 1974
			----	6	0.0t	25.5			27		4.6	7.0		
+35.5	0.0		----	1	0.0t	26.0			35		4.6	6.9		
			----	6	0.0t	26.0			27		4.6	7.0		
+29.7	0.0		----	1	0.0t	26.0			78		4.4	7.0		
			----	6	0.0t	26.0			86		4.3	7.0		
+27.3	0.0		----	1	0.5t	26.5			176		3.9	7.0		
			----	6	0.4t	26.5			208		4.0	7.0		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+22.3	0.0	10 Jul 73	----	1	1.2t	26.5			40		3.8	7.0		EPD, 1974
			----	6	4.2t	27.0			39		3.2	7.0		
+20.5	0.0		----	1	2.4t	27.0			32		3.7	7.1		
			----	6	4.5t	27.0			26		3.1	7.0		
+13.9	0.0		----	1	7.1t	27.5			19		3.8	7.1		
			----	6	18.6t	28.0			36		3.6	7.6		
+ 8.2	0.0		----	1	7.3t	27.5			18		3.7	7.2		
			----	6	26.4t	28.5			14		4.5	7.9		
+39.1	0.0	7 Aug 73	----	1	0.0t	26.5			28		5.8	6.8		
			----	6	0.2t	26.5			39		5.9	7.0		
+35.5	0.0		----	1	0.5t	26.0			36		5.4	6.9		
			----	6	0.9t	27.0			60		5.1	7.0		
+29.7	0.0		----	1	3.0t	28.0			19		4.4	6.9		
			----	6	7.1t	27.5			35		3.5	7.1		
+27.3	0.0		----	1	4.1t	28.0			21		4.3	6.9		
			----	6	6.5t	27.5			28		3.1	7.0		
+22.3	0.0		----	1	5.1	27.0			15		4.1	7.3		
			----	6	8.0t	27.5			17		3.2	7.0		
+20.5	0.0		----	1	4.8t	27.5			17		3.8	6.8		
			----	6	9.9t	27.5			30		3.1	7.0		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+13.9	0.0	7 Aug 73	----	1	9.7t	28.0			22		3.5	6.8		EPD, 1974
			----	6	19.8t	28.5			39		3.6	7.3		
+ 8.2	0.0		----	1	10.1t	28.0			17		3.5	6.9		
			----	6	19.9t	28.5			33		4.0	7.4		
+39.1	0.0	11 Sep 73	----	1	1.2t	28.0			26		4.7	7.4		
			----	6	1.7t	28.0			29		4.5	7.3		
+35.5	0.0		----	1	4.2t	28.0			28		3.6	7.5		
			----	6	7.1t	28.5			67		2.9	7.5		
+29.7	0.0		----	1	8.9t	28.5			29		3.1	7.5		
			----	6	10.0t	28.5			113		2.5	7.5		
+27.3	0.0		----	1	10.1t	28.5			38		2.9	7.6		
			----	6	11.9t	28.5			91		3.1	7.6		
+22.3	0.0	12 Sep 73	----	1	8.5t	28.5			26		3.4	7.3		
			----	6	15.9t	28.5			40		3.6	7.3		
+20.5	0.0		----	1	10.9t	28.5			30		2.8	7.3		
			----	6	16.6t	28.5			41		3.5	7.4		
+13.9	0.0		----	1	17.9t	28.5			68		3.6	7.3		
			----	6	21.3t	28.5			64		4.1	7.5		
+ 8.2	0.0		----	1	21.1t	28.5			58		4.0	7.7		
			----	6	23.7t	28.5			82		4.4	7.6		
+39.1	0.0	9 Oct 73	----	1	0.1t	24.7			29		6.2	6.8		
			----	6	0.0t	24.0			32		6.4	6.8		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+35.5	0.0	9 Oct 73	----	1	0.9t	25.0			122		5.3	6.9		EPD, 1974
			----	6	0.8t	25.0			130		5.5	6.9		
+29.7	0.0		----	1	3.8t	25.5			167		4.4	6.9		
			----	6	4.4t	25.5			262		4.3	7.0		
+27.3	0.0		----	1	6.0t	25.5					4.1	6.9		
			----	6	5.8t	25.5			282		4.1	7.0		
+22.3	0.0		----	1	5.5t	25.5			30		4.4	7.0		
			---	6	9.6t	26.0			54		3.8	7.1		
+20.5	0.0		----	1	7.4t	25.5			27		3.9	7.0		
			----	6	10.2t	26.0			38		4.2	7.0		
+13.9	0.0		----	1	13.6t	26.5					5.1	7.0		
			----	6	18.8t	26.0			34		4.6	7.3		
+39.1	0.0	6 Nov 73	----	1	0.0t	18.0			50		7.7	7.1		
			----	6	0.2t	18.0			52		7.7	7.2		
+35.5	0.0		----	1	1.1t	18.0			109		7.1	7.3		
			----	6	1.1t	18.0			126		7.3	7.4		
+29.7	0.0		----	1	4.0t	18.0			56		6.7	7.4		
			----	6	4.5t	18.0			78		6.4	7.5		
+27.3	0.0		----	1	5.8t	18.5			49		6.4	7.4		
			----	6	6.9t	18.5			97		6.1	7.5		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+22.3	0.0	6 Nov 73	----	1	11.2t	19.0			32		6.1	7.5		EPD, 1974
			----	6	14.5t	19.0			39		5.8	7.2		
+20.5	0.0		----	1	13.6t	18.5			32		6.1	7.5		
			----	6	18.4t	19.0			39		5.7	7.7		
+13.9	0.0		----	1	17.7t	18.5			26		7.0	7.7		
			----	6	22.1t	19.0			37		6.4	7.8		
+ 8.2	0.0		----	1	23.0t	19.0			34		7.3	7.8		
			----	6	27.6t	19.0			45		6.9	8.0		
+39.1	0.0	4 Dec 73	----	1	0.2t	17.5			46		8.0	6.9		
			----	6	0.3t	16.5			41		7.9	6.9		
+35.5	0.0		----	1	2.6t	17.5			71		7.1	7.1		
			----	6	5.9t	17.0			100		7.0	7.1		
+29.7	0.0		----	1	8.3t	17.5			51		6.7	7.1		
			----	6	12.8t	17.5			145		6.3	7.2		
+27.3	0.0		----	1	6.5t	17.5			26		6.6	7.1		
			----	6	10.9t	17.5			41		6.3	6.9		
+22.3	0.0		----	1	8.7t	17.0			38		3.5	7.1		
			----	6	13.2t	17.5			43		6.3	6.7		
+20.5	0.0		----	1	9.1t	17.5			32		6.1	6.9		
			----	6	14.5t	17.5			9		6.2	7.3		

TYBEE ROADS - SAVANNAH RIVER

DIST	OFFS	DATE	TIME	DE PTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
0.0	0.0	15 Sep 74	----	0	25.0r									Dunstan, 1975
			----	b	31.0r									
+22.3	---		----	0	3.0r									
			----	b	14.0r									
+28.6	0.0		----	0	0.0r									
			----	b	1.0r									
0.0	0.0	Feb 75	----	0	23.0r									
			----	b	31.5r									
0.0	0.0	30 May 75	----	0	25.0									
			----	b	29.5									
+13.9	---		----	0	8.3									
			----	b	24.2									
+22.3	---		----	0	2.4									
			----	b	13.0									
+13.8	+0.1	3 Jun 75	----	0	5.7	29.8								Jaffe, 1975
- 2.2	- 0.1		----	0	24.9	27.4								
- 8.7	- 0.1		----	0	29.6	26.6								
- 6.2	+3.2		----	0	21.6	29.3								
- 2.9	0.0	20 Jun 75	----	0	23.5									Dunstan, 1975
			----	b	31.0									
0.0	0.0		----	0	15.1									
			----	b	26.8									

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+23.0	0.0	15 Feb 68	1213	1	4.5 t	9.0			241		4.4	7.0		GWQCB, 1970
			1227	4.5	4.9 t	9.0			423		5.8	6.9		
20 Mar 68	1141	1	3.5 t	15.5			66		4.6	7.2				
	1155	4.5	5.1 t	15.5			63		4.7	7.1				
23 Apr 68	1206	1	3.3 t	22.8			95		4.8	6.7				
	1215	4.5	3.2 t	22.5			86		4.8	7.0				
21 May 68	1055	1	1.6 t	23.5			64		5.4	7.3				
	1100	4.5	1.6 t	23.5			112		4.8	7.4				
19 Jun 68	1100	1	1.3 t	26.1			32		3.9	6.8				
	1105	4.5	.9 t	25.9			51		3.7	6.7				
17 Jul 68	1119	1	2.4 t	27.9			27		2.3	6.8				
	1125	4.5	3.1 t	28.1			29		2.0	6.7				
12 Aug 68	----	1	10.1 t	31			57		2.1	6.9				
	----	4.5	12.7 t	31			71		1.8	6.7				
+ 6.5	0.0	13 Aug 68	----	1	21.1 t	32			173		8.2	6.6		
+10.8	0.0		----	1	14.5 t	31.5			117		5.2	6.8		
+15.7	0.0		----	1	11.3 t	31			56		3.8	6.9		
+18.0	0.0		----	1	11.2 t	31.5			67		3.8	6.9		
+23.0	0.0		----	1	4.4 t	30			36		1.5	7.1		
			----	4.5	5.1 t	30			58		1.5	7.4		
14 Aug 68	----	1		30			25		3.1	6.9				
	----	4.5	3.4 t	30			34		1.8	6.4				

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+23.0	0.0	15 Aug 68	----	1	2.0t	29.5			13		2.8	6.5		GWQCB, 1970
			----	4.5	2.7t	29.5		63		1.4	7.0			
+27.7	0.0		----	1	6.5t	31			30		4.2	6.7		
+38.2	0.0		----	1	.2t	30			68		5.2	7.1		
+23.0	0.0	16 Aug 68	----	1	3.3t	29.5			30		3.9	6.8		
			----	4.5	3.6t	29		64		2.7	7.1			
		19 Aug 68	----	1	6.7t	30			30		3.2	6.8		
			----	4.5	6.2t	30			35		2.9	6.9		
		20 Aug 68	----	1	7.2t				62		4.4	6.9		
			----	4.5	6.2t				40		4.0	7.5		
+ 6.5	0.0	21 Aug 68	----	1	19.3t	30.5			131		4.9	6.1		
+10.8	0.0		----	1	17.2t	30			75		3.2	6.4		
+15.7	0.0		----	1	15.9t	29.5			97		2.2	6.6		
+18.0	0.0		----	1	12.7t	29.5			56		1.5	6.7		
+23.0	0.0		----	1	9.8t	29.5			54		1.3	6.9		
			----	4.5	10.5t	30		87		1.1	7.6			
		22 Aug 68	----	1	11.8t	30			110		1.2	7.1		
			----	4.5	11.9t	30			128		1.1	7.6		
+27.7	0.0		----	1	.4t	32			144		7.2	6.2		
+38.2	0.0		----	1	.2t	31			102		6.5	6.5		
+23.0	0.0	8 Oct 68	1250	1	6.3t	25.2			62		2.2	6.9		
			1150	4.5		25.0		74		2.3	7.3			

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+23.0	0.0	30 Oct 68	1203	1	5.3t	18.8			54		4.7	7.4		GWQCB, 1970
			1210	4.5	6.2t	18.8			67		3.9	7.3		
		26 Nov 68	1240	1	6.0t	14.5			70		5.3	6.9		
			1245	4.5	8.7t	14.5					5.5	6.1		
		18 Dec 68	1305	1	3.6t	9.0			115		7.1	6.9		
			1317	4.5	3.3t	9.0			204		7.0	6.8		
		22 Jan 69	1155	1	7.4t	10.5			67		8.8	7.5		
			1300	6	11.6t	10.5			88		8.5	6.9		
		25 Feb 69	1247	1	4.5t	9.5			58		8.8	6.9		
			1253	6	22.8t	9.1			169		8.6	6.9		
		3 Apr 69	0935	1	4.7t	16.6			86		5.4	6.4		
			0945	6	6.3t	16.6			74		5.6			
		23 Apr 69	1150	1	4.7t	19.5			80		4.3			
			1200	6	23.0t	19.4			291		4.7			
		3 Jun 69	1220	1	3.3t	25.8			19		1.3	6.0		
			1227	6	4.2t	25.5			118		1.1	6.0		
		24 Jul 69	1020	1		28.7			60		4.3			
			1030	6	3.6t	28.4			127		1.7			
		25 Aug 69	1155	1	2.0t	26.1			239		3.3	7.1		
			1205	6	2.4t	26.2			161		3.3	7.0		

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+23.0	0.0	30 Sep 69	1015	1	5.6t	23.8			54		2.2	7.1		GWQCB, 1970		
			1022	6	13.0t	24.5			102		2.8	6.8				
		28 Oct 69	1144	1	8.9t	20.1			63		4.1	7.8				
			1158	6	10.1t	20.0			56		4.0	7.7				
		25 Nov 69	1235	1	8.9t	13.9			102		5.1	7.1				
			1240	6	7.6t	13.9			156		5.0	7.1				
		16 Dec 69	1130	1	3.4t	10.3			6		6.4	7.3				
			1140	6	10.1t	10.6			228		5.9	6.8				
		27 Jan 70	1315	1	7.8t				11		7.4	7.1				GWQCB, 1972
			1320	4.5	9.4t				103		7.4	7.0				
		25 Feb 70	1331	1	5.3t	12.2			33		6.0	7.1				
			1340	4.5	5.4t	12.2			32		6.0	7.1				
		24 Mar 70	1156	1	3.1t	15.8			158		4.6	7.0				
			1207	4.5		15.9					4.7	7.1				
		29 Apr 70	1147	1	4.0t	25.2			15		2.6	6.9				
			1153	4.5	6.3t				93		2.1	6.8				
		27 May 70	1131	1	4.0t	25.0			68		3.0	6.9				
			1137	4.5	10.0t	25.0			277		2.9	6.7				
		23 Jun 70	1118	1	7.1t	29.1			101		1.7	6.9				
			1127	4.5	11.0t	28.8			116		1.9	6.8				

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+23.0	0.0	28 Jul 70	1034	1	1.3t	29.3			41		3.7	6.8		GWQCB, 1972		
			1044	4.5	1.3t	29.3			68		3.6	6.8				
		18 Aug 70	1147	1	5.8t	28.9					0.9	6.8				
			1155	4.5	6.3t	28.6					0.9	6.7				
		15 Sep 70	1044	1	8.5t	27.6				177		1.0	6.9			
			1055	4.5	8.5t	27.6				246		0.9	6.9			
		13 Oct 70	1203	1	4.5t	24.0				762		1.3	6.8			
			1213	4.5	4.4t	24.0				755		1.6	6.8			
		10 Nov 70	1227	1	4.7t	17.5				20		3.8	7.0			
			1234	4.5	6.2t	17.5				122		2.8	7.0			
		8 Dec 70	1215	1	4.7t	14.3				32		5.7	7.0			
			1223	4.5	6.5t	14.8				94		4.3	7.0			
		12 Jan 71	1300	1	2.2t	11.4				93		6.5	6.9			
			1305	4.5	2.0t	11.4				90		6.6	7.0			
		9 Feb 71	1242	1	2.4t	9.7				54		8.3	6.9			
			1253	4.5	2.1t	9.7				195		8.2	7.0			
		9 Mar 71	1230	1	1.2t	12.0				116		7.3	7.0			
			1242	4.5	1.2t	12.0				132		7.2	7.1			
		20 Apr 71	1250	1	4.7t	20.5				31		5.5	6.7			
			1258	4.5	8.6t	20.0				77		4.1	7.0			

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+23.0	0.0	4 May 71	1149	1	5.3t	20.0			21		5.1	7.0		GWQCB, 1972	
			1157	4.5	8.6t	20.0			53		4.2	7.2			
		8 Jun 71	1235	1	2.0t	25.0					3.7	6.8			
			1243	4.5	2.0t	25.0					3.8	6.8			
		7 Jul 71	1140	1		27.0				55		7.1			
			1146	4.5		27.0				268		7.0			
		3 Aug 71	1210	1	7.4t	29.0				29		7.7			
			1218	4.5	9.4t	28.5				28		2.7	7.0		
		8 Sep 71	1148	1	1.3t	27.5						2.1	6.8		
			1154	4.5	9.4t	27.5						2.3	6.9		
		5 Oct 71	1227	1	3.7t	26.5						2.4	7.2		
			1234	4.5	13.6t	26.5						2.4	7.5		
		2 Nov 71	1228	1	.9t	23.5				24		3.3	7.4		
			1241	4.5	6.9t	22.5				76		2.5	7.4		
15 Dec 71	1336	1	3.6t	17.4				32		6.1	6.8				
	1347	4.5	6.5t	16.0				140		4.8	7.0				
+19.6	- 0.1	Jan 72	----	0	10 r	14					6.6	6.8	e.flood	Stickney & Miller, 1973	
			----	2	10 r	15					6.5	6.6			
			----	4	12 r	15					6.1	6.6			

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+23.0	0.0	4 Jan 72	----	1	0.5t	16.1			28		6.2	6.7		EPD, 1973a
			----	3.5	5.7t	15.8		19		5.4	6.9			
+19.6	- 0.1	Feb 72	----	0	2 r	9					9.2	5.4	ebb	STICKNEY & MILLER, 1973
			----	2	2 r	9					8.8	5.4		
			---	4	4 r	9					8.8	5.4	ebb	
+23.0	0.0	2 Feb 72	----	1	0.2t	12.5			34		7.7	6.9		EPD, 1973a
			----	3.5	0.3t	12.5		19		7.8	7.0			
+19.6	- 0.1	Mar 72	----	0	6 r	17					4.9	5.6		STICKNEY & MILLER, 1973
			----	2	7 r	18					5.2	6.0		
			----	4	10 r	20					5.2	6.0		
+23.0	0.0	7 Mar 72	----	1	3.9t	15.5			21		7.1	6.8		EPD, 1973a
			----	3.5	4.9t	15.0		21		6.8	7.0			
		4 Apr 72	----	1	2.6t	16.8			33		6.1	7.0		
			----	3.5	6.3t	16.1		44		5.1	7.2			
+19.6	- 0.1	21 Apr 72	----	0	6 r	22.6					3.3	5.8	low	STICKNEY & MILLER, 1973
			----	2	6 r	22.5					3.1	6.3		
			----	3	6 r	22.4						6.2		
			----	0	9 r	25.4					4.1	6.1	flood	
			----	2	9 r	25.2					4.3	6.0		
			----	4	9 r	25.1					4.3	6.0		
			----	0	9 r	22.4					5.8	6.4	high	
			----	2	10 r	22.5					4.9	6.5		
			----	4	15 r	21.6					4.8	6.2		

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+19.6	- 0.1	21 Apr 72	----	0	9 r	22.0					4.5	6.1	ebb	Stickney & Miller, 1973		
			----	2	9 r	21.4				4.5	6.3					
			----	4	11 r	21.0			4.8	6.3						
			----	0	9 r	21.7					3.7	7.3	low			
			----	2	9 r	21.4				3.9	7.2					
			----	3	10 r	21.7					7.3					
			----	0	9 r	21.1					5.0	7.1	flood			
			----	2	9 r	21.0				5.3	7.2					
			----	4	8 r	21.1			5.0	7.1						
		----	0	9 r	21.2					5.0	7.5	high				
		----	2	8 r	21.2				4.7	7.3						
		----	4	16 r	21.1			4.8	7.3							
				May 72	----	0	6 r	20					4.0	6.9	ebb	
					----	2	8 r	21					3.6	6.5		
					----	4	8 r	21					3.7	6.4		
+23.0	0.0	2 May 72	----	1	5.9t	21.5			40		3.9	7.5		EPD, 1973a		
			----	3.5	8.7t	21.0			43	3.4	7.4					
+19.6	- 0.1	Jun 72	----	0	8 r	26					3.6	6.2	low	Stickney & Miller, 1973		
			----	2	9 r	26				3.7	6.4					
+23.0	0.0	7 Jun 72	----	1	4.5t	24.9			26		5.7	7.0		EPD, 1973a		
			----	3.5	8.2t	24.0			37	2.2	7.2					

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+23.0	0.0	5 Jul 72	----	1	0.4t	25.7					3.5	6.9		EPD, 1973a	
			----	3.5	1.0t	25.9						3.2	6.8		
+19.6	- 0.1	19 Jul 72	----	0	10 r	27.7					5.5	6.7	low	Stickney & Miller, 1973	
			----	2	10 r	27.5						4.8	6.6		
			----	0	14 r	27.6						5.1	6.6		flood
			----	2	12 r	27.3						4.6	6.6		
			----	0	12 r	28.1						5.8	6.5		high
			----	2	14 r	28.2						5.6	6.4		
			----	4	13 r	27.9						6.1	6.5		
			----	0	14 r	27.6						5.6	6.2		ebb
			----	2	12 r	27.4						5.2	6.9		
			----	4	17 r	27.0						5.1	6.7		
			----	0	10 r	27.0						3.9	6.7		low
			----	2	10 r	27.1						3.9	6.8		
			----	0	10 r	26.7						4.3	7.0		flood
			----	2	11 r	26.7						4.4	5.9		
			----	0	13 r	26.8						3.9	6.8		high
			----	2	15 r	26.9						3.9	6.6		
			----	4	15 r	26.9						4.2	6.7		
			----	0	8 r	26.7						4.7	7.3		ebb
----	2	13 r	26.9						5.1	7.0					
----	4	14 r	27.0						5.3	6.9					

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+19.6	- 0.1	Aug 72	----	0	12	r	28				3.3	5.9	low	Stickney & Miller, 1973
			----	2	13	r	28			2.8	6.3			
			----	4	22	r	28			2.5	6.8			
+23.0	0.0	8 Aug 72	----	1	4.4t	30.5			13		4.8	7.1		EPD, 1973a
			----	3.5	13.6t	30.0			12	1.5	7.0			
+19.6	- 0.1	Sep 72	----	0	17	r	26				3.5	6.9	flood	Stickney & Miller, 1973
			----	2	13	r	26			3.5	6.8			
			----	4	14	r	26			3.5	6.6			
+23.0	0.0	6 Sep 72	----	1	5.8t	27.0			8		5.7	6.7		EPD, 1973a
			----	3.5	12.7t	27.0			14	2.7	6.9			
		11 Oct 72	----	1	5.9t	23.0			34		3.7	6.9		
			----	3.5	11.6t	23.0			50	3.2	6.8			
+19.6	- 0.1	23 Oct 72	----	0	12	r	21.5				5.9	5.5	high	Stickney & Miller, 1973
			----	2	16	r	21.0			5.7	5.8			
			----	4	18	r	21.0			5.5	6.1			
		----	0	15	r	21.5			5.8	5.7	ebb			
		----	2	17	r	21.5			5.9	6.0				
		----	4	19	r	21.0			5.9	6.0				
		----	0	8	r	21.5			5.0	7.0	low			
		----	2	8	r	22.0			5.2	7.0				
		----	0	11	r	21.5			6.7	5.4	flood			
		----	2	12	r	21.5			6.9	5.4				
		----	4	14	r	21.5			6.7	5.7				

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+19.6	- 0.1	23 Oct 72	----	0	12 r	20.5					6.8	5.5	high	Stickney & Miller, 1973		
			----	2	15 r	21.0				6.4	5.8					
			----	4	18 r	21.0				6.4	6.2					
		Nov 72	----	0	12 r	16				5.3	6.4	high				
			----	2	16 r	16				5.2	6.3					
			----	4	17 r	15				5.4	6.2					
+23.0	0.0	8 Nov 72	----	1	7.4t	20.4			26		6.4	7.1		EPD, 1973a		
			----	3.5	13.1t	20.5			36	4.3	7.1					
+19.6	- 0.1	Dec 72	----	0	5 r	15					7.0	5.5	ebb	Stickney & Miller, 1973		
			----	2	9 r	15				7.6	5.5					
			----	4	14 r	15				7.6	5.5					
+23.0	0.0	5 Dec 72	----	1	6.3t	13.7			20		6.8	7.3		EPD, 1974		
			----	3.5	14.4t	13.4			31	5.9	7.4					
		23 Jan 73	----	1	0.2t	13.0			19	8.4	6.8					
			----	6		18.0			19	8.4	6.8					
		20 Feb 73	----	1	0.3t	8.0			20	10.3	6.5					
			----	6		7.5			31	9.9	6.6					
		6 Mar 73	----	1	0.3t	16.0			20	7.8	6.5					
			----	6		15.5			22	7.6	6.8					
		+15.8	- 0.1	28 Mar 73	1325	0	7.3	14.6								Scope, 1973
						1	7.3	14.6								
						2	7.9	14.6								

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+13.2	0.0	2 Apr 73	1200	3.5	3.4	16.1								Scope, 1973
				4.5	3.5	16.0								
				6	3.8	15.9								
+ 6.3	+ 0.1		1335	0	4.0	16.8								
				1	4.0	16.6								
				2	4.0	16.6								
				2.5	4.0	17.3								
				3.5	4.1	16.7								
+19.4	0.0	6 Apr 73	1225	0	0.5	17.2								
				1	0.8	16.4								
				2	1.0	16.4								
				2.5	1.1	16.4								
				3.5	1.2	16.3								
+23.0	0.0	9 Apr 73	----	1	0.2t	18.0			35		6.4	7.0	EPD, 1974	
			----	6		17.0			38		6.4	7.2		
+19.9	0.0	12 Apr 73	0840	0	3.4	14.2								Scope, 1973
				1	5.1	14.4								
				2	4.6	14.4								
+15.7	- 0.1		0906	0	4.9	14.4								
				1	4.9	14.4								
				2	4.9	14.5								
				2.5	4.8	14.5								
				3.5	4.5	14.4								

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+13.2	0.0	12 Apr 73	0912	0	3.9	14.3								Scope, 1973
				1	3.8	14.2								
				2	3.9	14.2								
				2.5	3.9	14.1								
				3.5	3.7	14.1								
				4.5	3.8	14.1								
				6	3.9	14.1								
+ 6.3	+ 0.1		0929	0	4.4	14.9								
				1	4.4	14.3								
				2	4.4	14.2								
				2.5	4.3	14.2								
				3.5	4.3	14.2								
+ 1.8	+ 0.1		0940	0	5.3	15.0								
				1	6.4	14.6								
				2	7.8	14.4								
+19.9	0.0		1544	0	0.4	14.9								
				1	0.4	14.9								
				2	1.5	14.9								
				2.5	2.1	14.9								
				3.5	3.1	15.3								
				4.5	3.3	15.5								
+23.0	0.0	8 May 73	----	1	0.3t	19.5			60		6.5	6.9		EPD, 1974
			----	6		19.5		52		6.4	7.1			
		6 Jun 73	----	1	0.6t	24.0			52		5.6	6.8		
			----	6		24.0		62		5.0	7.0			

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+23.0	0.0	10 Jul 73	----	1	3.3t	27.5			42		3.7	7.0		EPD, 1974
			----	6		27.0		31		7.2			7.1	
		7 Aug 73	----	1	4.7t	27.5			24		4.6	6.9		
			----	6		28.0		27		7.0				
+ 4.6		11 Sep 73	----	0	18.4t	29.5					4.0			BJC, 1975
+23.0	0.0	12 Sep 73	----	1	6.9t	28.0			30		3.9	7.3		EPD, 1974
			----	6		28.5		41		2.6			7.2	
+ 4.6		9 Oct 73	----	0	7.7t	26.2					6.2			BJC, 1975
+23.0	0.0		----	1	9.7t	26.0			70		4.4	7.0		EPD, 1974
			----	6		15.2t	26.5			34			3.5	
		6 Nov 73	----	1	11.4t	19.0			49		5.9	7.6		
			----	6		16.8t	19.0			45			4.7	7.6
+ 4.6		13 Nov 73	----	0	33.4t	16.4								BJC, 1975
+23.0	0.0	4 Dec 73	----	1	5.6t	17.5			33		6.6	7.1		EPD, 1974
			----	6		15.4t	18.0			53			4.9	
+ 4.6		13 Dec 73	1020	0	27.7	13.5					10.3	7.4		BJC, 1975
				b		28.4	13.5		10.0	7.4				
			1120	0	27.7	13.5			10.1	7.4				
b	28.4	13.5				9.8	7.4							
1215	0	27.7	13.5			10.2	7.4							
	b		27.7	13.5				10.0	7.4					

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 4.6		13 Dec 73	1330	0	23.4	13.3					9.7	7.4		BJC, 1975
				b	23.4	13.3				9.5	7.4			
			1420	0	19.9	13.2			9.4	7.4				
				b	20.6	13.0			9.2	7.4				
		1515	0	18.6	13.0			9.0	7.4					
			b	18.6	13.0			9.1	7.4					
		1615	0	19.2	13.0			9.0	7.4					
			b	19.2	13.0			9.0	7.4					
		18 Dec 73	----	0	12.5t	10.5			10.6	7.3				
		22 Jan 74	----	0	10.9t	15.0			8.3	7.1				
		25 Feb 74	----	0	3.5t	13.5			7.5	6.9				
		19 Mar 74	----	0	14.9t	17.5			7.4	6.4				
		26 Mar 74	0950	0	25.5	15.8			9.1	7.1				
				b	28.4	16.3			8.5	6.1				
			1055	0	21.3	15.7			8.5	6.1				
				b	24.1	16.3			9.1	6.8				
1155	0		19.9	16.2			8.6	6.8						
	b		22.0	16.5			8.1	6.1						
1255	0		18.6	15.7			9.0	6.2						
	b		17.9	16.2			8.4	5.1						
1355	0	16.5	15.8			8.7	5.5							
	b	16.5	16.0			8.5	5.2							

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+ 4.6		26 Mar 74	1455	0	15.8	15.8					8.7	5.5		BJC, 1975		
				b	15.2	16.0				7.9	5.1					
			1545	0	14.5	15.8						8.1	5.2			
				b	15.8	16.0				7.8	4.8					
		16 Apr 74	----	0	10.5t	19.5						7.0	6.5			
		28 May 74	----	0	12.1t	24.0										
		18 Jun 74	----	0	15.7t	27.0						4.9	6.0			
		25 Jun 74	1145	0	24.1	26.0							5.6		7.6	
				b	24.8	26.0							5.7		7.7	
			1245	0	24.8	26.7							5.8		7.7	
				b	25.5	26.3							5.8		7.8	
			1345	0	24.8	27.0							6.1		7.7	
				b	26.2	26.8							5.7		7.8	
			1450	0	22.7	27.2							5.9		7.6	
				b	24.1	26.7							5.3		7.6	
			1545	0	22.0	27.0							5.7		7.6	
				b	22.0	26.7							5.5		7.6	
			1645	0	19.9	26.7							5.5		7.4	
b	19.9			26.8							5.4	7.4				
	1740	0	19.2	26.8							5.1	7.3				
		b	19.2	26.8							5.0	7.3				

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 4.6		23 Jul 74	----	0	17.6t	28.0					6.6			BJC, 1975
		13 Aug 74	----	0	12.7t	26.5					2.5	6.3		
		17 Sep 74	----	0	14.8t	28.0					4.4	6.5		
		20 Sep 74	1115	0	20.6	27.8					5.6	7.3		
				b	24.8	27.8					5.8	7.5		
			1215	0	21.3	27.8					6.2	7.5		
				b	24.1	27.5					5.4	7.5		
			1315	0	17.9	27.7					6.3	7.4		
				b	20.6	27.5					5.3	7.3		
			1415	0	16.5	27.7					5.5	7.1		
				b	17.2	27.7					5.6	7.1		
			1515	0	15.2	27.7					5.5	6.8		
				b	15.2	27.7					5.5	6.8		
			1615	0	14.5	27.8					5.2	6.7		
				b	15.2	27.8					5.1	6.7		
			1715	0	12.5	27.7					5.1	6.7		
				b	15.2	27.8					5.1	6.8		
		15 Oct 74	----	0	17.9t	22.0					5.0	6.8		
		12 Nov 74	----	0	18.4t	18.0					7.2	7.2		
		10 Dec 74	----	0	12.9t	10.5					9.5	7.2		

SOUTH CHANNEL - BACK RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+ 4.6		18 Dec 74	1100	0	22.0	10.2					10.0	7.9		BJC, 1975	
				b	29.1	10.5				9.9	8.0				
			1200	0	21.3	10.3			10.4	7.9					
				b	29.1	10.7			9.7	8.1					
			1300	0	17.2	10.5			10.1	7.7					
				b	26.9	10.7			10.0	7.9					
			1400	0	16.5	10.8			9.7	7.5					
				b	22.0	10.5			9.5	7.7					
			1500	0	17.2	10.5			9.4	7.3					
				b	17.9	10.5			9.3	7.4					
			1600	0	17.2	10.5			9.4	7.3					
				b	24.8	10.5			9.2	7.3					
			1700	0	15.8	10.5			9.5	7.3					
				b	19.2	10.7			9.1	7.3					

ELBA ISLAND CUT

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+17.0	0.0	14 Aug 68	----	1	10.7t	30.5			60		3.0	7.4		GWQCB, 1970
		20 Aug 68	----	1	17.5t	30.5			186		3.1	7.1		
+16.7	0.0	6 Apr 73	0950	0	2.5	16.0								Scope, 1973
				1	3.1	16.0								
				2	3.2	15.9								
				2.5	3.7	16.0								
				3.5	3.3	16.0								
				4.5	5.3	16.0								
				6	8.8	16.1								
			1157	0	1.5	16.3								
				1	2.0	16.2								
				2	2.5	16.1								
				2.5	2.8	16.1								
				3.5	2.9	16.1								
				4.5	3.0	16.1								
				6	3.4	16.0								
				7(30°)	3.5	16.0								
		12 Apr 73	0858	0	4.5	14.4								
				1	4.5	14.2								
				2	4.5	14.2								
				2.5	4.8	14.2								
				3.5	5.0	14.3								
				4.5	7.2	14.7								

MIDDLE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+36.7	0.0	16 Mar 73	1020	0	0.0	20.3								Scope, 1973	
				1	0.0	20.3									
				2	0.0	20.4									
				2.5(45°)	0.0	20.4									
				3.5	0.0	20.5									
				4.5	0.0	20.3									
				6	0.0	20.4									
				7.5	0.0	20.4									
				9(60°)	0.0	20.4									
				10.5	0.0	20.3									
				12	0.0	20.3									
				13.5	0.0	20.3									
				15(75°)	0.0	20.4									
				17	0.0	20.3									
				18.5	0.0	20.4									
				20	0.0	20.4									

TYBEE CREEK- LAZARETTO CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+11.0	0.0	12 Apr 73	1006	0	12.2	14.3								Scope, 1973
				1	15.1	13.8								
				2	17.5	14.1								
				2.5	17.7	14.2								
				3.5	17.8	14.2								
+ 1.7	0.0		1037	0	21.2	15.3								
				1	21.2	15.1								
				2	22.4	14.4								
				2.5	22.1	14.6								
				3.5	22.9	14.6								
				4.5	22.9	14.6								
				7.5	23.5	14.4								
+ 6.2	0.0		1052	0	19.8	15.1								
				1	19.8	14.9								
				2	19.9	14.5								
				2.5	20.0	14.3								
				3.5	20.0	14.2								
				4.5	20.0	14.2								
				7.5	20.1	14.1								
+ 1.7	0.0	17 Apr 73	1044	0	20.2	16.5								Scope, 1973
				1	20.2	16.5								
				2	20.2	16.4								
				2.5	20.1	16.4								
				3.5	20.2	16.3								
				4.5(30°)	20.4	16.3								
				6	20.1	16.2								
				7.5	20.2	16.2								

TYBEE CREEK - LAZARETTO CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 1.7	0.0	30 Apr 73	0740	0	22.4	18.2								Scope, 1973
				1	23.2	18.4								
				2	23.0	18.4								
				2.5	23.3	18.6								
				3.5	23.5	18.4								
				4.5	23.5	18.5								
				6	23.5	18.4								
+ 1.0	0.0	11 Sep 73	----	0	30.2t	29.8					7.2		BJC, 1975	
		9 Oct 73	----	0	29.3t	25.8					7.4			
		13 Nov 73	----	0	26.7t	15.5					9.1			
		12 Dec 73	1030	0	30.5	13.5				11.1	7.9			
				b	31.3	13.7			10.6	7.9				
		1140	0	31.3	12.8				11.1	8.1				
			b	31.3	13.0			10.7	8.0					
		1230	0	31.3	12.3				11.0	7.9				
			b	31.3	12.3			10.7	7.8					
		1330	0	31.3	12.1				11.1	7.4				
			b	31.3	12.2			10.9	7.4					
		1430	0	29.8	12.0				11.2	7.4				
			b	29.8	12.0			10.9	7.4					
		1530	0	29.8	12.0				11.0	7.4				
b	30.5		12.0			10.5	7.4							

TYBEE CREEK - LAZARETTO CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 1.0	0.0	12 Dec 73	1630	0	30.5	12.0					10.7	7.4		BJC, 1975
				b	30.5	12.0				10.3	7.4			
		18 Dec 73	----	0	26.9t	10.5					11.6	7.3		
		22 Jan 74	----	0	30.9t	15.0					9.6	8.1		
		25 Feb 74	----	0	25.8t	14.0					5.5	7.8		
		19 Mar 74	----	0	28.2t	16.0					9.4	8.0		
		25 Mar 74	0840	0	28.4	18.0					9.3	7.9		
				b	28.4	18.5				8.6	7.2			
			0935	0	27.7	17.8					8.9	8.5		
				b	29.1	18.8				9.0	7.2			
			1035	0	28.4	17.0					8.2	7.7		
				b	29.1	17.5				7.9	7.3			
			1125	0	29.1	17.2					8.1	7.7		
				b	31.3	17.5				7.6	7.2			
			1250	0	29.8	16.3					8.8	7.5		
				b	30.5	17.0				8.2	7.1			
			1355	0	29.8	16.8					8.7	7.7		
				b	30.5	17.7				7.5	7.0			
			1455	0	29.8	16.5					8.2	7.2		
				b	29.8	17.5				7.5	7.1			

TYBEE CREEK - LAZARETTO CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 1.0	0.0	16 Apr 74	---	0	30.7t	22.0					6.3	7.4		BJC, 1975
		28 May 74	----	0	30.0t	24.0					6.0	5.6		
		18 Jun 74	----	0	31.1t	27.0					5.5	6.3		
		24 Jun 74		1115	0	33.5	27.2				6.4	7.9		
				b	33.5	27.0		6.1	7.8					
				1215	0	33.5	27.0				6.3	7.9		
				b	33.5	27.0		6.2	7.9					
				1315	0	33.5	26.8				6.2	7.9		
				b	33.5	27.0		6.0	7.9					
				1415	0	32.7	27.0				5.6	7.8		
				b	32.7	27.0		5.4	7.8					
				1515	0	32.7	27.3				5.0	7.6		
				b	32.7	27.3		5.1	7.6					
				1615	0	32.0	27.3				5.0	7.6		
				b	32.0	27.3		4.7	7.6					
				1720	0	32.0	27.2				4.7	7.6		
				b	32.0	27.3		4.2	7.7					
		23 Jul 74	----	0	32.2t	29.0					6.8			
		13 Aug 74	----	0	27.8t	27.5					3.3	7.4		
		17 Sep 74	----	0	30.7t	29.0					6.3	7.5		

TYBEE CREEK - LAZARETTO CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 1.0	0.0	19 Sep 74	1110	0	29.1	27.5					7.7	7.6		BJC, 1975
				b	29.1	27.5				7.4	7.6			
			1210	0	29.1	27.8			7.8	7.5				
				b	29.1	27.8			7.6	7.6				
			1310	0	29.1	28.0			7.1	7.5				
				b	29.1	28.0			6.9	7.5				
			1410	0	29.1	28.3			6.8	7.5				
				b	29.1	28.3			6.8	7.5				
		1510	0	29.8	28.5			6.8	7.5					
			b	29.8	28.5			6.7	7.5					
		1610	0	29.8	28.7			6.4	7.5					
			b	29.8	28.5			6.0	7.5					
		1710	0	29.8	28.3			6.6	7.5					
			b	29.8	28.3			6.5	7.5					
		15 Oct 74	----	0	30.2t	28.0				5.9	7.4			
		12 Nov 74	----	0	29.3t	20.0				7.7	7.8			
		10 Dec 74	----	0	26.7t	6.0				9.7	8.0			
		16 Dec 74	1050	0	32.7	12.5				9.8	7.6			
				b	32.7	12.3			9.9	7.6				
			1155	0	32.7	12.5			9.8	7.5				
				b	32.7	12.5			9.9	7.6				

TYBEE CREEK - LAZARETTO CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 1.0	0.0	16 Dec 74	1255	0	31.3	12.5					9.7	7.5		BJC, 1975
				b	31.3	12.5				9.8	7.5			
			1355	0	31.3	12.7			9.5	7.5				
				b	31.3	12.7			9.3	7.5				
			1455	0	30.5	12.7			9.3	7.5				
				b	30.5	12.7			9.1	7.5				
			1555	0	30.5	12.7			9.1	7.5				
				b	30.5	12.5			9.0	7.5				
			1655	0	30.5	12.7			9.1	7.5				
				b	30.5	12.5			9.2	7.5				

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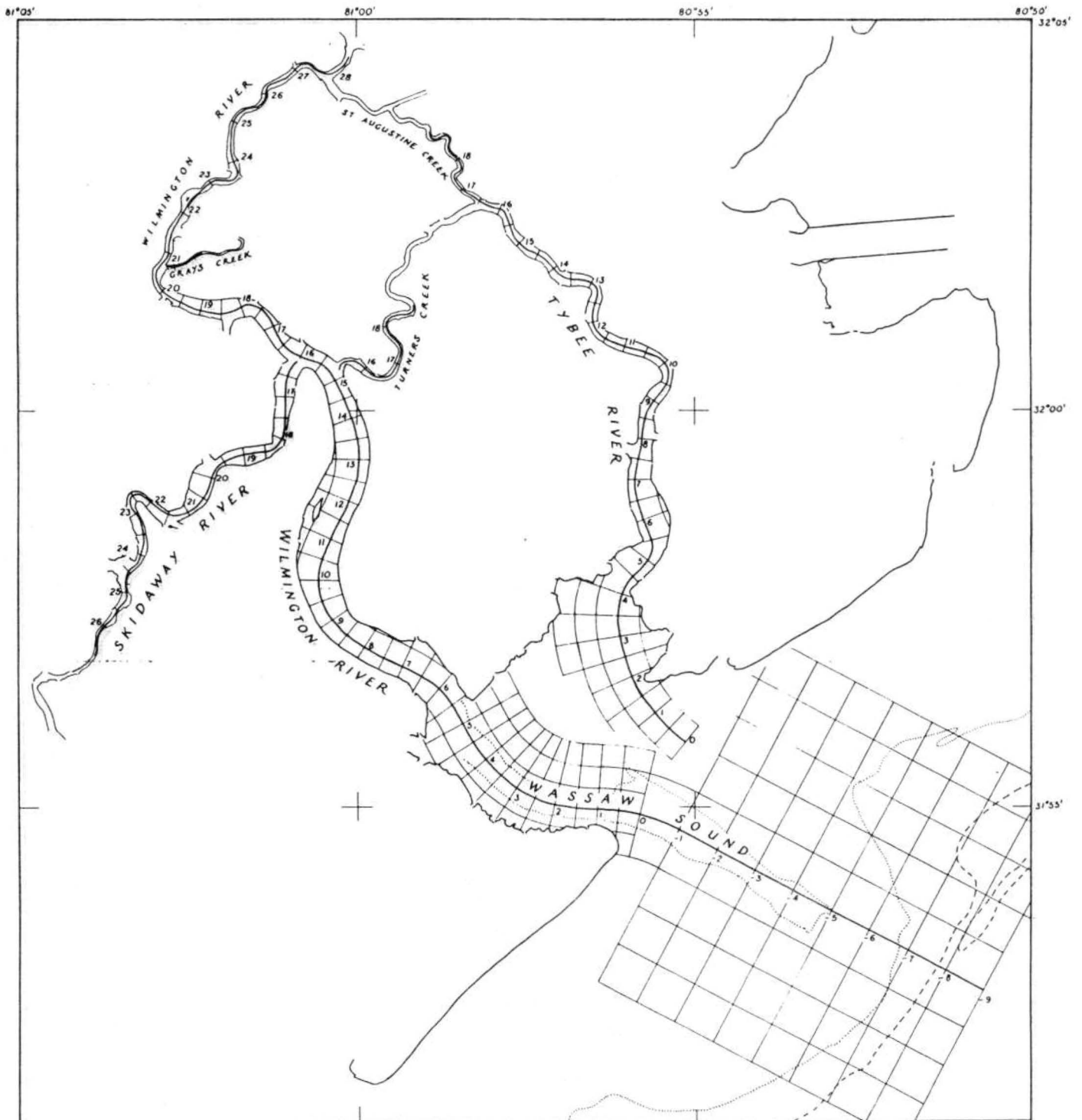


Figure 2. Station Locations, Wassaw Section

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 4.8	0.0	14 Aug 68	----	1		31			180		5.3	6.8		GWQCB, 1970
+10.7	0.0		----	1	31.4t	31.5			144		3.9	7.1		
+16.2	0.0		----	1	32.9t	31.5			122		4.2	7.2		
+18.3	0.0		----	1	27.5t	31.5			96		4.0	7.3		
+21.0	0.0		----	1	23.0t	31			107		5.0	7.3		
+25.0	0.0		----	1	12.7t	30.5			66		4.9	7.5		
+28.3	0.0		----	1	10.0t	30.5			35		2.5	7.5		
+ 4.8	0.0	20 Aug 68	----	1	31.8t	31			320		4.9	7.0		Howard, 1971
+10.7	0.0		----	1	30.2t	31			302		5.1	7.2		
+16.2	0.0		----	1	28.4t	32			172		4.7	7.3		
+18.3	0.0		----	1	24.9t	31			196		4.8	7.4		
+21.0	0.0		----	1	20.6t	31			158		5.2	7.4		
+25.0	0.0		----	1	16.4t	30.5			97		4.0	7.3		
+28.3	0.0		----	1	15.9t	30			260		1.8	7.2		
+ 1.1	-0.1	27 Oct 69	1645	0	29.9									Howard, 1971
				10			26	105						
+ 2.7	0.0		1705	0	29.8									
				10			28	080						
+ 4.6	0.0		1730	0	29.7									
				9			18	075						
+ 6.5	0.0		1755	0	29.4									
				10			25	105						
+ 8.5	0.0		1815	0	29.1									
				11.5			28	035						
+10.4	0.0		1835	0	28.2									
				11			21	035						
+12.8	-0.1		1900	0	28.1									
				9.5			23	020						

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+14.5	0.0	27 Oct 69	2045	13.5			7	045						Howard, 1971
			2130	13.5			8	220						
		28 Oct 69	0645	0	27.1									
				13.5			0							
+16.6	0.0		0715	0	26.7									
				7			26	045						
+18.5	0.0		0735	0	25.0									
				6.5			9	180						
+19.6	0.0		0755	0	24.1									
				7			9	045						
+ 1.6	0.0	10 Nov 70	0630	0	31.8	17.3			10					
				3.5	31.6	17.3			10					
				9	31.8	17.4			24					
				12	31.6	17.3			54					
+ 0.2	+1.0		0630	0	29.9	18.1			92					
				3	31.6	18.1			38					
				5	31.7	18.0			110					
+ 1.6	0.0		0645	0			49	090						
				6.5			49	110						
				13			40	115						
+ 0.2	+1.0		0700	0			52	110						
				3			49	115						
				6			46	120						
+ 1.6	0.0		0730	0	31.4				32					
				3.5	31.5				24					
				9	31.6	17.3			144					

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 0.2	+1.0	10 Nov 70	0730	0	31.6	17.7			228					Howard, 1971
				3	31.6	17.9			696					
				5	31.7	17.6			1072					
+ 1.6	0.0		0830	0	31.8	17.4								
				3.5	31.8	17.3								
				9	31.8	17.4			36					
+ 0.2	+1.0		0830	0	31.8	17.7			100					
				3	31.8	17.7								
				5	31.8	17.8			68					
+ 1.6	0.0		0835	0			70	105						
				5.5			61	115						
				11.5			55	100						
+ 0.2	+1.0		0850	0			70	110						
				2.5			67	120						
				5.5			30	130						
+ 1.6	0.0		0930	0	31.7	17.2			1722					
				3.5	31.7	17.2			38					
				9	31.7	17.2			50					
+ 0.2	+1.0		0930	0	31.9	17.6			60					
				5	32.0	17.5			139					
+ 1.6	0.0		1020	0			30	100						
				5.5			30	110						
				11.5			24	120						
			1030	0	31.6	17.2			62					
				3.5	31.4	17.1			28					
				9	31.5	17.1			42					

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 0.2	+1.0	10 Nov 70	1030	0	31.7	17.6			410					Howard, 1971
				5	31.7	17.5			48					
				1035	0			12	225					
				2.5			9	205						
				4.5			9	185						
+ 1.6	0.0		1130	0	31.3	17.2								
				3.5	31.3	17.2			34					
				9	31.4	17.1			52					
+ 0.2	+1.0		1130	0	31.8	17.6			24					
				5	31.8	17.7			196					
+ 1.6	0.0		1205	0			0							
				5			6	290						
				10			12	260						
1230	0	31.3	17.3	0	31.3	17.3								
				3.5	31.4	17.3			12					
				9	31.6	17.4			24					
+ 0.2	+1.0		1230	0	31.3	17.7			30					
				5	31.5	17.8			18					
1247	0		24	0			24	310						
				2.5			21	305						
				4.5			18	305						
+ 1.6	0.0		1300	0			30	290						
				4.5			30	290						
				10.5			24	280						
1330	0	31.5	17.5	0	31.5	17.5			24					
				3.5	31.7	17.4			20					
				9	31.8	17.5			48					

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 0.2	+1.0	10 Nov 70	1330	0	31.7	18.1			632					Howard, 1971
				5	31.8	18.0			236					
+27.0	0.0		1338	1	10.1t	18.1			46		4.4	6.6		GWQCB, 1972
			1347	4.5	15.2t	17.6			52		5.4	6.9		
+ 1.6	0.0		1350	0			37	300						Howard, 1971
				5.5			37	290						
				11			30	275						
			1430	0	31.7	17.7			86					
				3.5	31.7	17.5			36					
				9	31.8	17.5			40					
				12	31.7	17.5			68					
+ 0.2	+1.0		1430	0	31.5	18.4			28					
				5	31.6	18.1			48					
			1445	0			27						flood	
				2.5			27							
				5			21							
+ 1.6	0.0		1505	0			43	285						
				6			43	275						
				11.5			34	270						
			1530	0	32.1	18.2			76					
				3.5	32.3	18.0			152					
				9	32.2	18.0			192					
				12	32.1	17.9			92					
+ 0.2	+1.0		1530	0	31.6	18.3			28					
				3					54					
				5	31.5	18.3			84					

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 1.6	0.0	10 Nov 70	1840	0			24						ebb	Howard, 1971
+16.2	0.0	14 Nov 70	----	0	23 r	18								Stickney, 1972
+20.7	0.0		----	0										
+26.6	0.0		----	0										
+27.0	0.0	8 Dec 70	1045	1	10.1t	13.8			66		5.8	6.7		GWQCB, 1972
			1055	4.5	10.9t	13.8			71		6.0	6.7		
+16.2	0.0	12 Dec 70	----	0	24 r	16								Stickney, 1972
+20.7	0.0		----	0	22 r	16								
+26.6	0.0		----	0	17 r	15								
+16.2	0.0	12 Jan 71	----	0	22 r									
+20.7	0.0		----	0	16 r									
+26.6	0.0		----	0	8 r									
+27.0	0.0		1406	1	11.0t	11.7			39		6.8	7.0		GWQCB, 1972
			1418	4.5	13.8t	11.3			44		7.0	6.6		
		9 Feb 71	1403	1	11.7t	10.3			49		8.0	6.5		
			1420	4.5	19.3t	10.8			42		8.4	7.2		
+16.2	0.0	14 Feb 71	----	0	14 r	8								Stickney, 1972
+20.7	0.0		----	0	11 r	9								
+26.6	0.0		----	0	7 r	8								
+27.0	0.0	9 Mar 71	1108	1	14.8t	12.0			54		7.1	7.0		GWQCB, 1972
			1118	4.5	18.1t	13.0			71		7.7	7.3		
+16.2	0.0	24 Mar 71	----	0	8 r	14								Stickney, 1972
+20.7	0.0		----	0	6 r	16								
+26.6	0.0		----	0	4 r	15								

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+16.2	0.0	15 Apr 71	----	0	8 r	19								Stickney, 1972
+20.7	0.0		----	0	10 r	20								
+26.6	0.0		----	0	8 r	18								
+27.0	0.0	20 Apr 71	1404	1	9.0t	21.0			25		5.3	6.2		GWQCB, 1972
			1410	4.5	8.2t	20.5			11		6.1	6.6		
		4 May 71	1248	1	10.9t	20.5			39		5.6	6.8		
			1256	4.5	14.5t	20.0			32		5.3	7.0		
+16.2	0.0	24 May 71	----	0	16 r	25								Stickney, 1972
+20.7	0.0		----	0	13 r	26								
+26.6	0.0		----	0	8 r	26								
+27.0	0.0	8 Jun 71	1336	1	8.2t	26.0					3.2	6.3		GWQCB, 1972
			1343	4.5	12.5t	27.0					4.8	6.6		
+16.2	0.0	22 Jun 71	----	0	16 r	28								Stickney, 1972
+20.7	0.0		----	0	14 r	29								
+26.6	0.0		----	0	10 r	27								
+18.4	0.0	30 Jun 71	1900	0	16 r	29.6			36		7.8	7.3	low	Windom & Stickney, 1972
+20.7	0.0			0	14 r	29.5			21		7.1	7.0	low	
+25.8	0.0			0	10 r	29.0			15		5.3	6.7	low	
+26.6	0.0			0	10 r	28.6			23		4.6	6.3	low	
+27.8	0.0			0	10 r	28.0			25		4.2	6.9	low	
+18.4	0.0		2100	0	16 r	29.5					7.7	7.1	flood	
+20.7	0.0			0	14 r	29.3					6.1	6.8	flood	
+25.8	0.0			0	10 r	28.6					4.6	6.5	flood	
+26.6	0.0			0	10 r	27.9					3.7	6.4	flood	
+27.8	0.0			0	9 r	27.6					3.5	6.2	flood	

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.4	0.0	30 June 71	2300	0	19 r	29.4					7.5	7.4	flood	Windom & Stickney,1972
+20.7	0.0			0	16 r	29.3					6.5	7.1	flood	
+25.8	0.0			0	10 r	28.5					5.1	6.5	flood	
+26.6	0.0			0	10 r	27.9					4.1	6.2	flood	
+27.8	0.0			0	10 r	27.7					3.8	6.2	flood	
+18.4	0.0	1 Jul 71	0100	0	24 r	30.1			24		6.2	7.6	high	
+20.7	0.0			0	18 r	29.0			20		6.6	7.3	high	
+25.8	0.0			0	10 r	28.3			17		4.6	6.8	high	
+26.6	0.0			0	10 r	27.3			18		4.1	6.8	high	
+27.8	0.0			0	10 r	27.6			22		4.3	6.7	high	
+18.4	0.0		0300	0	22 r	29.2					6.6	7.5	ebb	
+20.7	0.0	0		19 r	28.4					6.4	7.3	ebb		
+25.8	0.0	0		10 r	27.9					3.8	7.5	ebb		
+26.6	0.0	0		10.5r	27.7					4.0	6.9	ebb		
+27.8	0.0	0		10. r	27.4					4.0	7.0	ebb		
+18.4	0.0		0500	0	20 r	28.9					5.6	7.2	ebb	
+20.7	0.0	0		15 r	28.5					5.9	7.0	ebb		
+25.8	0.0	0		12 r	28.2					4.1	6.6	ebb		
+26.6	0.0	0		10 r	27.6					3.9	6.9	ebb		
+27.8	0.0	0		11 r	27.8					3.9	6.4	ebb		
+18.4	0.0		0700	0	18 r	29.0			60		5.6	7.0	low	
+20.7	0.0	0		15 r	28.5				17		5.4	6.9	low	
+25.8	0.0	0		12 r	28.0				22		4.4	7.1	low	
+26.6	0.0	0		12 r	27.7						4.7	6.7	low	
+27.8	0.0	0		10 r	27.6						3.5	6.9	low	
+18.4	0.0		0900	0	17 r	30.0					6.2	7.2	flood	
+20.7	0.0	0		15 r	30.0						6.0	7.3	flood	
+25.8	0.0	0		12 r	28.3						4.0	7.0	flood	
+26.6	0.0	0		10 r	28.2						3.8	6.6	flood	
+27.8	0.0	0		10 r	27.9						4.3	7.6	flood	

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.4	0.0	1 Jul 71	1100	0	20 r	30.5					7.8	6.8	flood	Windom & Stickney, 1972
+20.7	0.0			0	16 r	30.5					6.8	7.2	flood	
+25.8	0.0			0	12 r	29.3					4.4	7.3	flood	
+26.6	0.0			0	11.5r	29.4					4.3	6.9	flood	
+27.8	0.0			0	10 r	29.5					4.0	7.3	flood	
+18.4	0.0		1300	0	25 r	31.0			19		7.5	7.5	high	
+20.7	0.0			0	18 r	30.8			28		8.1	7.3	high	
+25.8	0.0			0	12 r	28.7			13		4.6	7.2	high	
+26.6	0.0			0	11 r	30.5			17		5.5	7.5	high	
+27.8	0.0			0	12 r	28.8			25		3.9	6.8	high	
+18.4	0.0		1500	0	24 r	29.5					6.4	7.6	ebb	
+20.7	0.0			0	21 r	31.0					7.5	7.6	ebb	
+25.8	0.0			0	12 r	28.5					4.5	6.5	ebb	
+26.6	0.0			0	10 r	29.2					5.2	7.3	ebb	
+27.8	0.0			0	11 r	28.6					4.1	6.9	ebb	
+18.4	0.0		1700	0	22 r	30.2					6.1	7.4	ebb	
+20.7	0.0			0	20 r	30.0					7.2	7.5	ebb	
+25.8	0.0			0	13 r	29.4					6.9	7.5	ebb	
+26.6	0.0			0	12 r	29.5					6.7	7.0	ebb	
+27.8	0.0			0	12 r	29.2					5.0	6.3	ebb	
+27.0	0.0	7 Jul 71	1238	1		28.5			49			6.5		GWQCB, 1972
			1247	4.5			28.5			55			6.8	
+18.4	0.0		1900	0	25 r	28.6			17		5.3	7.5	high	Windom & Stickney, 1972
+20.7	0.0			0	20 r	28.6			15		5.2	7.2	high	
+25.8	0.0			0	12 r	27.9			18			6.6	high	
+26.6	0.0			0	12 r	27.9			10			6.4	high	
+27.8	0.0			0	10 r	28.0			18			6.6	high	

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.4	0.0	7 Jul 71	2100	0	25 r	28.4					4.8	7.5	ebb	Windom & Stickney, 1972
+20.7	0.0			0	22 r	28.2					4.8	6.9	ebb	
+25.8	0.0			0	12 r	28.0					3.6	6.6	ebb	
+26.6	0.0			0	11 r	27.6					3.8	6.8	ebb	
+27.8	0.0			0	11.5r	27.7					3.3	6.9	ebb	
+18.4	0.0		2300	0	24 r	27.5					4.5	6.5	ebb	
+20.7	0.0			0	15 r	28.2					4.5	6.7	ebb	
+25.8	0.0			0	12.5r	28.1					4.0	6.6	ebb	
+26.6	0.0			0	13.5r	28.1					3.1	6.7	ebb	
+27.8	0.0			0	14 r	27.9					3.4	6.6	ebb	
+16.2	0.0	8 Jul 71	----	0	20 r	26								Stickney, 1972
+20.7	0.0		----	0	18 r	26								
+26.6	0.0		----	0	12 r	26								
+18.4	0.0		0100	0	20 r	27.5			23		3.9	6.7	low	Windom & Stickney, 1972
+20.7	0.0			0	18 r	27.2			28		3.7	6.8	low	
+25.8	0.0			0	13.5r	27.8			25		3.6	6.4	low	
+26.6	0.0			0	12 r	27.8			22		4.0	6.6	low	
+27.8	0.0			0	11 r	27.5			27		2.7	6.2	low	
+18.4	0.0		0300	0	18 r	26.5					4.4	6.5	flood	
+20.7	0.0			0	15 r	26.5					4.1	6.8	flood	
+25.8	0.0			0	8 r	27.3					2.6	6.5	flood	
+26.6	0.0			0	8 r	27.2					2.2	6.4	flood	
+27.8	0.0			0	8 r	27.4					2.3	6.5	flood	
+18.4	0.0		0500	0	23.5r	26.5					3.8	6.9	flood	
+20.7	0.0			0	18 r	26.2					3.9	7.0	flood	
+25.8	0.0			0	8 r	27.3					2.6	6.5	flood	
+26.6	0.0			0	8 r	27.3					2.3	6.5	flood	
+27.8	0.0			0	8 r	27.1					2.8	6.5	flood	

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.4	0.0	8 Jul 71	0700	0	24 r	26.5			20		3.8	7.4	high	Windom & Stickney, 1972
+20.7	0.0			0	21.5r	26.5			40		3.8	7.4	high	
+25.8	0.0			0	8 r	27.3			14		2.3	6.5	high	
+26.6	0.0			0	8 r	27.1			13		2.5	6.5	high	
+27.8	0.0			0	9 r	27.4			14		2.7	6.6	high	
+18.4	0.0		0900	0	24 r	27.2					4.2	7.7	ebb	
+20.7	0.0	0		18 r	27.1					5.1	7.6	ebb		
+25.8	0.0	0		10 r	28.1					3.1	6.9	ebb		
+26.6	0.0	0		9.5r	28.0					3.4	6.9	ebb		
+27.8	0.0	0		10 r	27.5					3.4	6.7	ebb		
+18.4	0.0		1100	0	20 r	26.1					4.6	7.0	ebb	
+20.7	0.0	0		16 r	26.5					4.6	6.8	ebb		
+25.8	0.0	0		10 r	25.4					3.7	6.5	ebb		
+26.6	0.0	0		10 r	29.5					4.0	6.2	ebb		
+27.8	0.0	0		10 r	25.9					3.4	6.8	ebb		
+18.4	0.0		1300	0	17 r	27.3			21		4.2	6.9	low	
+20.7	0.0	0		13.5r	26.0				30		4.1	6.8	low	
+25.8	0.0	0		10 r	27.5				47		4.0	6.8	low	
+26.6	0.0	0		10 r	27.4				7		2.8	6.4	low	
+27.8	0.0	0		10 r	27.3				15		2.3	6.6	low	
+18.4	0.0		1500	0	16 r	26.5					4.6	6.9	flood	
+20.7	0.0	0		14 r	26.5					4.2	6.8	flood		
+25.8	0.0	0		8 r	27.8					2.6	6.2	flood		
+26.6	0.0	0		6 r	27.7					1.1	6.0	flood		
+27.8	0.0	0		6 r	27.6					2.3	6.4	flood		
+18.4	0.0		1700	0	22.5r	27.0					4.6	7.3	flood	
+20.7	0.0	0		18.5r	27.0					4.5	7.2	flood		
+25.8	0.0	0		7.5r	27.9					2.7	6.4	flood		
+26.6	0.0	0		6 r	27.8					2.8	6.0	flood		
+27.8	0.0	0		8 r	27.9					2.8	6.3	flood		

WASSAW SOUND - WILMINGTON RIVER

GIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+16.2	0.0	16 Jul 71	---	0		29								Stickney, 1972
+18.4	0.0	19 Jul 71	1900	0	27	r	31.1		27		6.7	7.8	high	Windom & Stickney, 1972
+20.7	0.0			0	24	r	30.8		25		7.2	7.7	high	
+18.4	0.0		2100	0	25	r	30.5				5.5	7.6	ebb	
+20.7	0.0			0	24	r	30.5				5.6	7.2	ebb	
+18.4	0.0		2300	0	23	r	30.3				5.4	7.4	ebb	
+20.7	0.0			0	21	r	30.3				5.5	7.4	ebb	
+16.2	0.0	20 Jul 71	---	0	20	r	30							Stickney, 1972
+18.4	0.0		0100	0	21	r	30.3		27		5.2	7.3	low	Windom & Stickney, 1972
+20.7	0.0			0	18	r	30.0		15		5.0	7.2	low	
+18.4	0.0		0300	0	23	r	30.1				5.4	7.4	flood	
+20.7	0.0			0	22	r	30.1				5.0	7.3	flood	
+18.4	0.0		0500	0	26	r	30.3				5.6	7.5	flood	
+20.7	0.0			0	24	r	30.2				5.0	7.4	flood	
+18.4	0.0		0700	0	22	r	30.0		25		5.3	7.3	high	
+20.7	0.0			0	24	r	30.0		34		5.3	7.5	high	
+18.4	0.0		0900	0	24	r	30.4				5.4	7.5	ebb	
+20.7	0.0			0	20	r	29.9				5.6	7.3	ebb	
+18.4	0.0		1100	0	23	r	30.0				5.5	7.3	ebb	
+20.7	0.0			0	18	r	29.4				5.3	7.4	ebb	
+18.4	0.0		1300	0	20	r	30.0		32		5.0	7.3	low	
+20.7	0.0			0	18	r	29.6		42		4.6	7.2	low	

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.4	0.0	20 Jul 71	1500	0	22	r	30.0				5.5	7.4	flood	Windom & Stickney, 1972
+20.7	0.0			0	20	r	30.4				6.5	7.6	flood	
+18.4	0.0		1700	0	25.5	r	29.7				5.7	7.4	flood	
+20.7	0.0			0	24	r	29.7				5.6	7.4	flood	
+25.8	0.0	22 Jul 71	0900	0	12	r	28.5				2.8	6.6	ebb	
+26.6	0.0			0	13	r	24.0				2.2	6.6	ebb	
+27.8	0.0			0	12	r	28.5				2.4	6.6	ebb	
+25.8	0.0		1100	0	10	r	28.0				3.3	6.7	ebb	
+26.6	0.0			0	13	r	28.0				3.5	6.8	ebb	
+27.8	0.0			0	12	r	28.0				2.7	6.8	ebb	
+25.8	0.0		1300	0	12	r	30.0			46	2.3	6.7	low	
+26.6	0.0			0	10	r	29.9			32	2.3	6.5	low	
+27.8	0.0			0	8	r	29.9			26	2.5	6.4	low	
+25.8	0.0		1500	0	10	r	29.0				2.8	6.5	flood	
+26.6	0.0			0	8	r	28.8				2.7	6.3	flood	
+27.8	0.0			0	6	r	28.5				2.0	6.4	flood	
+25.8	0.0		1700	0	6	r	28.8				2.2	6.6	flood	
+26.6	0.0			0	9	r	28.3				3.2	6.4	flood	
+27.8	0.0			0	9	r	28.3				3.0	6.4	flood	
+25.8	0.0		1900	0	7	r	28.0			26		6.4	high	
+26.6	0.0			0	10	r	28.5			24		6.5	high	
+27.8	0.0			0	9	r	28.8			29	3.2	6.5	high	
+25.8	0.0		2100	0	10	r	28.5				2.9	6.7	ebb	
+26.6	0.0			0	12	r	28.5				3.1	6.5	ebb	
+27.8	0.0			0	10	r	28.5				3.5	6.7	ebb	

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+25.8	0.0	22 Jul 71	2300	0	11	r	29.0				3.1	6.7	ebb	Windom & Stickney, 1972	
+26.6	0.0			0	12	r	29.0				3.4	6.6	ebb		
+27.8	0.0			0	12	r	29.0				3.1	6.7	ebb		
+26.6	0.0	23 Jul 71	---	0	10	r	27.0							Stickney, 1972	
+25.8	0.0		0100	0	11	r	29.2		27		3.3	6.7	low		Windom & Stickney, 1972
+26.6	0.0		0	12	r	28.7		23		3.5	6.6	low			
+27.8	0.0	0	11	r	29.9		41		2.9	6.6	low				
+25.8	0.0		0300	0	12	r	29.2				2.5	6.7	flood		
+26.6	0.0			0	10	r	28.8				2.3	6.6	flood		
+27.8	0.0			0	12	r	28.5				2.8	6.4	flood		
+25.8	0.0		0500	0	8	r	28.8				1.9	6.4	flood		
+26.6	0.0			0	8	r	28.5				1.6	6.2	flood		
+27.8	0.0			0	8	r	29.3				2.2	6.5	flood		
+25.8	0.0		0700	0	10	r	29.3		34		2.3	6.5	high		
+26.6	0.0			0	9	r	29.0		26		1.9	6.4	high		
+27.8	0.0			0	10	r	28.5		35		1.8	6.5	high		
+18.4	0.0	26 Jul 71	1900	0	24	r	29.4				5.9	6.6	flood	Windom & Stickney, 1972	
+20.7	0.0			0	15	r	29.1				5.9	6.4	flood		
+18.4	0.0		2100	0	22	r	29.5		37		5.3	7.3	high		
+20.7	0.0			0	22	r	29.3		40		5.5	7.4	high		
+18.4	0.0		2300	0	25	r	29.3				5.3	7.4	ebb		
+20.7	0.0			0	22	r	29.0				6.0	7.4	ebb		
+20.7	0.0	27 Jul 71	---	0	20	r	29.0							Stickney, 1972	

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+25.8	0.0	29 Jul 71	0900	0	10 r	28.0					2.8	6.9	flood	Windom & Stickney, 1972
+26.6	0.0			0	9.5r	28.1					2.3	6.7	flood	
+27.8	0.0			0	8.5r	28.1					2.4	6.7	flood	
+25.8	0.0		1100	0	10 r	28.2			23		3.4	6.4	high	
+26.6	0.0	0		9 r	28.4			32		3.0	6.4	high		
+27.8	0.0	0		10 r	28.2			25		2.6	6.3	high		
+25.8	0.0		1300	0	11 r	28.6					3.5	6.3	ebb	
+26.6	0.0	0		11 r	29.0					3.3	6.4	ebb		
+27.8	0.0	0		10.5r	29.0					2.7	6.4	ebb		
+25.8	0.0		1500	0	12 r	29.0					4.0	6.4	ebb	
+26.6	0.0	0		11.5r	28.7					4.7	6.5	ebb		
+27.8	0.0	0		12 r	28.5					3.4	6.5	ebb		
+25.8	0.0		1700	0	13 r	29.0			22		4.8	6.6	low	
+26.6	0.0	0		12 r	28.5			18		4.8	6.5	low		
+27.8	0.0	0		10 r	28.0			17		3.2	6.2	low		
+25.8	0.0		1900	0	12 r	28.5					2.6	6.4	flood	
+26.6	0.0	0		12 r	28.6					1.6	6.2	flood		
+27.8	0.0	0		10 r	29.0					2.5	6.5	flood		
+25.8	0.0		2100	0	12.5r	28.0					2.6	6.3	flood	
+26.6	0.0	0		10.5r	28.0					2.6	6.8	flood		
+27.8	0.0	0		10 r	28.3					2.4	6.4	flood		
+25.8	0.0		2300	0	12 r	28.0			33		3.2	6.5	high	
+26.6	0.0	0		12 r	27.5			24		2.3	6.5	high		
+27.8	0.0	0		13 r	27.5			24		2.8	6.4	high		

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+25.8	0.0	30 Jul 71	0100	0	12 r	27.8					2.6	6.5	ebb	Windom & Stickney, 1972	
+26.6	0.0			0	12 r	28.0					2.4	6.4	ebb		
+27.8	0.0			0	12 r	27.9					2.7	6.5	ebb		
+25.8	0.0		0300	0	11 r	28.2					3.1	6.5	ebb		
+26.6	0.0			0	12 r	28.0					2.8	6.4	ebb		
+27.8	0.0			0	12.5r	27.9					2.7	6.6	ebb		
+25.8	0.0		0500	0	13 r	28.0			32		2.3	6.4	low		
+26.6	0.0			0	12 r	28.0			28		1.9	6.4	low		
+27.8	0.0			0	14 r	28.0			24		2.1	6.3	low		
+25.8	0.0		0700	0	10 r								flood		
+26.6	0.0			0	8.5r										flood
+27.8	0.0			0	8 r										flood
+27.0	0.0	3 Aug 71	1316	1	10.9t	28.5			40		2.5	6.1		CWQCE, 1972	
			1325	4.5	11.6t	28.5			42		2.5	6.2			
+25.8	0.0	5 Aug 71	0900	0	13 r	28.6					3.0	6.3	ebb	Windom & Stickney, 1972	
+26.6	0.0			0	12.5r	28.8					2.9	6.3	ebb		
+27.8	0.0			0	12 r	28.5					2.5	6.3	ebb		
+25.8	0.0		1100	0	13 r	29.2			41		3.4	6.3	low		
+26.6	0.0			0	12 r	29.0			16		2.2	5.8	low		
+27.8	0.0			0	10 r	28.5			33		2.4	6.5	low		
+25.8	0.0		1300	0	10.5r	29.2					3.3	6.0	flood		
+26.6	0.0			0	8.5r	29.0					2.4	6.2	flood		
+27.8	0.0			0	8 r	28.5					2.0	6.1	flood		

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+25.8	0.0	5 Aug 71	1500	0	8 r	29.3					1.6	6.3	flood	Windom & Stickney, 1972
+26.6	0.0			0	7 r	29.0					2.4	6.2	flood	
+27.8	0.0			0	9 r	29.2					2.9	6.2	flood	
+25.8	0.0		1700	0	8 r	29.2			25		3.2	6.2	high	
+26.6	0.0			0	10 r	29.3			25		3.2	6.3	high	
+27.8	0.0			0	10 r	29.1			33		3.0	6.4	high	
+25.8	0.0		1900	0	10 r	29.1					3.5	6.3	ebb	
+26.6	0.0			0	10 r	29.0					3.2	6.5	ebb	
+27.8	0.0			0	10 r	29.0					4.0	6.4	ebb	
+25.8	0.0		2100	0	12 r	29.1					2.9	6.5	ebb	
+26.6	0.0			0	11 r	29.0					2.9	6.5	ebb	
+27.8	0.0			0	10 r	28.9					3.1	6.8	ebb	
+25.8	0.0		2300	0	12 r	29.5			18		3.4	6.5	low	
+26.6	0.0			0	12 r	28.8			21		3.5	6.4	low	
+27.8	0.0			0	14 r	29.2			33		2.9	6.3	low	
+25.8	0.0	6 Aug 71	0100	0	12 r	29.3					3.1	6.4	flood	
+26.6	0.0			0	12 r	29.1					2.8	6.2	flood	
+27.8	0.0			0	11 r	28.5					2.4	6.3	flood	
+25.8	0.0		0300	0	8 r	28.0					1.8	6.3	flood	
+26.6	0.0			0	8 r	27.9					1.6	6.4	flood	
+27.8	0.0			0	10 r	28.1					1.5	6.7	flood	
+25.8	0.0		0500	0	8 r	27.5			19		1.5	6.3	high	
+26.6	0.0			0	8 r	27.9			22		1.8	6.5	high	
+27.8	0.0			0	10 r	28.0			29		2.0	6.6	high	

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+27.0	0.0	15 Dec 71	1442	1	8.2t	16.4			36		5.9	6.3		GWQCB, 1972
			1451	4.5	10.9t	16.0			44		6.0	6.3		
		4 Jan 72	----	1	8.0t	16.3			24			6.6		EPD, 1973a
				6	11.2t	16.3			76		7.0			
+27.1	-0.1		----	1	15.4t	16.4			34			6.3		
+27.0	0.0	2 Feb 72	----	1	3.5t	13.0			36		7.2	6.2		
				6	5.9t	13.0			84		7.3	6.6		
+27.1	-0.1		----	1	2.1t	12.5			25			6.3		
+27.0	0.0	7 Mar 72	----	1	8.4t	14.5			28		6.8	6.3		
				6	11.5t	15.0			44		7.1	6.6		
+27.1	-0.1		----	1	8.2t	15.0			28			6.3		
+27.0	0.0	4 Apr 72	----	1	8.7t	16.4			33		6.2	6.4		
				6	14 t	16.8			39		6.9	7.1		
+27.1	-0.1		----	1	8.2t	16.9			39			6.9		
+27.0	0.0	2 May 72	----	1	13 t	22.5			54		4.3	6.7		
				6	15.4t	22.0			35		4.3	7.2		
+27.1	-0.1		----	1	10.1t	22.0			36		5.4	6.7		
+27.0	0.0	7 Jun 72	----	1	10.3t	21.0			38		5.8	6.7		
				6	15.6t	25.5			35		4.9	7.0		
+27.1	-0.1		----	1	9.3t				34			6.3		
+27.0	0.0	5 Jul 72	----	1	10 t	24.4			42		3.0	6.3		
				6	12.2t	27.1					3.6	6.5		
+27.1	-0.1		----	1	4.9t	26.5						6.2		

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+27.0	0.0	8 Aug 72	----	1	0.2t	25.7					3.6	6.7		EPD, 1973a
				6	21.2t	30.5			36		3.2	6.9		
+27.1	-0.1		----	1	12.7t	30.7			36			6.5		
+27.0	0.0	6 Sep 72	----	1	14 t	30.5			23		3.5	6.5		
				6	15.8t	27.2			27		3.9	6.7		
+27.1	-0.1		----	1	13.6t	26.1			36			6.6		
+27.0	0.0	11 Oct 72	----	1	14 t	27.0			24		4.0	6.3		
				6	14 t	22.5			68		4.5	6.9		
+27.1	-0.1		----	1	12.5t	22.5			70			6.8		
+27.0	0.0	8 Nov 72	----	1	17.6t	20.1			30		6.0	6.6		
				6	20.6t	20.0			47		5.8	6.9		
+27.1	-0.1		----	1	14.2t	20.2			41			6.5		
+27.0	0.0	5 Dec 72	----	1	14.2t	13.9			44		6.6	6.8		
				6	20.1t	13.4			50		7.2	7.3		
+27.0	0.0	23 Jan 73	----	1	3.5t	12.0			27		8.2	6.3		EPD, 1974
	0.0			6	8.9t	12.0			190		8.5	6.5		
+27.1	-0.1		----	1	3.2t	12.0			22			6.3		
+27.0	0.0	20 Feb 73	----	1	3.1t				31		9.8	6.1		
				6	3.9t	7.9			45		9.8	6.3		

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+27.1	-0.1	20 Feb 73	----	1	2.2t	9.8			38			6.2		EPD, 1974
+27.0	0.0	6 Mar 73	----	1	3.5t	15.5			29		7.5	6.2		
				6	7.5t	15.5			41		7.2			
+27.1	-0.1		----	1	3.5t	16.5			57			6.6		
+27.5	0.0	6 Apr 73	1015	0	1.1	15.7								Scope, 1973
				1	1.0	15.6								
				2	1.0	15.8								
				2.5	1.0	15.7								
				3.5	1.0	15.8								
				4.5	1.0	15.5								
				6	1.0	15.7								
			1135	0	1.2	16.5								
				1	1.2	16.4								
				2	1.1	16.2								
				2.5	1.2	16.2								
				3.5	1.2	16.1								
				4.5	1.2	16.0								
				6	1.2	16.1								
				7.5	1.2	16.1								
			1035	0	0.8	15.6								
				1	0.9	15.7								
				2	0.6	15.7								
				2.5	1.1	15.6								
				3.5	1.0	15.7								
				4.5	1.1	15.7								
				6	1.1	15.7								

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.3	+0.2	12 Apr 73	1353	7.5(10°)	22.8	14.8								Scope, 1973
				9	23.0	14.8								
+10.6	0.0		1410	0	18.6	16.6								
				1	18.8	16.4								
				2	19.8	15.5								
				2.5	20.1	15.4								
				3.5	20.0	15.3								
				4.5	20.1	15.3								
				6	20.3	15.3								
				7.5	20.0	15.3								
				9(10°)	20.0	15.3								
				10.5	20.1	15.3								
+15.5	0.0		1425	0	15.3	16.9								
				1	16.0	16.3								
				2	16.3	16.3								
				2.5	16.3	16.2								
				3.5	16.2	16.1								
				4.5	16.0	16.2								
				6	16.4	15.1								
+17.1	0.0		1433	0	13.2	16.6								
				1	13.1	16.6								
				2	12.9	16.6								
				2.5	14.8	16.0								
				3.5	14.9	16.0								
				4.5	15.1	15.9								
				6	15.2	15.9								
				7.5	15.1	15.9								
				9	15.1	15.9								
+19.8	0.0		1446	0	13.3	16.4								
				1	13.4	16.1								
				2	13.4	16.1								

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	TO	PH	TIDE	SOURCE
+19.8	0.0	12 Apr 73	1446	2.5	13.7	15.9								Scope, 1973
				3.5	14.0	15.8								
				4.5	14.3	15.7								
				6	14.4	15.7								
+21.6	0.0		1502	0	6.7	16.3								
				1	7.4	16.3								
				2	7.6	16.1								
				2.5	9.7	15.6								
				3.5	10.3	15.5								
				4.5	10.3	15.5								
+23.5	0.0		1512	0	5.0	15.6								
				1	5.0	15.4								
				2	5.2	15.1								
				2.5	5.3	15.1								
				3.5	5.4	15.1								
				4.5	6.3	14.9								
+25.5	0.0		1524	0	3.9	15.4								
				1	4.0	15.3								
				2	4.1	15.0								
				2.5	4.4	14.8								
				3.5	4.6	14.8								
				4.5	4.7	15.0								
	6	4.9	14.8											

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+27.5	0.0	12 Apr 73	1536	0	2.9	15.5								Scope, 1973
				1	3.0	15.4								
				2	4.2	15.1								
				2.5	4.5	15.0								
				3.5	4.6	15.1								
				4.5	4.6	15.0								
				6	4.6	15.0								
				7.5	4.7	14.9								
+ 6.5	0.0	17 Apr 73	1215	0	16.3	17.7								
				1	17.0	17.3								
				2	17.5	17.0								
				2.5	17.9	16.9								
				3.5	18.2	16.8								
				4.5	18.3	16.8								
				6	18.6	16.7								
				7.5	19.3	16.7								
+ 0.8	-0.1		1257	0	20.8	16.8								
				1	20.8	17.1								
				2	20.6	16.5								
				2.5	20.5	16.6								
				3.5	20.5	16.6								
				4.5	20.5	16.5								
				6	20.6	16.6								
				7.5	20.7	17.0								
9	20.7	16.8												

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURE	DO	PH	TIDE	SOURCE
+23.5	0.0	17 Apr 73	1527	2.5	1.0	17.0								Scope, 1973
				3.5	.8	17.0								
+27.0	0.0	8 May 73	----	1	2.6t	19.5			31		6.0	6.0		EPD, 1974
				6	3.5t	19.5			30		5.5	6.1		
+27.1	-0.1		----	1	2.2t	20.0			51			6.0		
+17.1	0.0	16 May 73	0755	0	19.7	23.2								Scope, 1973
				1	20.2	23.5								
				2	20.0	23.6								
				2.5	20.2	23.6								
				3.5	21.3	23.6								
				4.5	21.4	23.7								
				6	21.8	23.7								
+27.0	0.0	6 Jun 73	----	1	5.8t	25.0			29		4.3	6.1		EPD, 1974
			----	6	12.8t	26.0			35		4.7	7.3		
+27.1	-0.1		----	1	4.9t	25.0			26			6.1		
+27.0	0.0	10 Jul 73	----	1	6.2t	28.0			25		3.4	6.6		EPD, 1974
				6	7.4t	27.5			31		3.1	6.6		
+27.1	-0.1		----	1	6.0t	28.5			27			6.6		
+27.0	0.0	7 Aug 73	----	1	10.7t	28.0			36		3.1	6.2		
			----	6	19.0t	29.0			43		3.4	6.8		
+27.1	-0.1		----	1	6.0t	27.5			72			6.7		

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 5.0	----	11 Sep 73	----	0	28.2t	30.5	15.6				5.0			BJC, 1975
+27.0	0.0	12 Sep 73	----	1	17.5t	28.5			55		3.8	7.1		EPD, 1974
				6	18.4t	28.5			180		3.7	7.2		
+27.1	-0.1		----	1	15.6t	28.0			52			7.1		
+27.0	0.0	9 Oct 73	----	1	13.4t	26.5			35		4.5	6.4		EPD, 1974
				6	14.8t	26.0			49		4.3	6.5		
+27.1	-0.1		----	1	13.4t	26.5			40			6.4		
+ 5.0	----	9 Oct 73	----	0	28.7t	26.5	15.9				7.5			BJC, 1975
+27.0	0.0	6 Nov 73	----	1	18.4t	19.0			34		6.8	7.4		EPD, 1974
				6	17.7t	19.0			36		6.1	7.4		
+27.1	-0.1		----	1	17.7t	19.0			44			7.3		
+ 5.0	---	13 Nov 73	----	0	31.6t	15.1	17.5				9.1			BJC, 1975
+27.0	0.0	4 Dec 73	----	1	15.1t	17.5			58		6.4	6.4		EPD, 1974
				6	22.1t	17.5			33		6.7	7.0		
+27.1	-0.1		----	1	15.0t	18.0			42			6.3		
+ 5.0	---	14 Dec 73	1100	0	32.0	13.5					10.4	7.4		BJC, 1975
				B	32.0	13.5					10.3	7.4		
			1200	0	32.0	13.5					10.3	7.4		
				B	32.0	13.5					10.1	7.4		
			1300	0	32.0	14.0					10.5	7.4		

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+5.0	----	14 Dec 73	1300	B	32.0	14.3					10.3	7.4		BJC, 1975
			1400	0	31.3	13.8					10.0	7.4		
				B	31.3	14.3					9.9	7.4		
			1500	0	37.2	13.5					9.0	6.5		
				B	38.0	13.5					9.9	6.5		
			1600	0	37.2	13.5					9.7	6.5		
				B	37.2	13.5					9.7	6.5		
			1700	0	37.2	13.5					9.7	6.5		
				B	41.0	13.5					9.7	6.1		
		18 Dec 73	----	0	31.6t	10.5	17.5				11.8			
		22 Jan 74	----	0	26.9t	16.0	14.9				8.8	8.0		
		19 Mar 74	----	0	26 t	17.5	14.4				8.2	7.4		
		27 Mar 74	0945	0	32.7	16.0					8.8	7.1		
				B	32	16.3					8.3	6.4		
			1045	0	29.8	16.2					8.5	6.7		
				B	29.8	16.5					8.4	6.3		
			1145	0	29.8	16.2					8.5	7.3		
				B	29.8	16.5					8.2	6.7		
			1245	0	29.8	16.2					8.3	7.1		
				B	29.8	16.5					8.2	6.7		
			1345	0	29.1	16.2					8.5	7.1		
				B	29.1	16.5					8.1	6.2		

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 5.0	---	27 Mar 74	1445	0	28.4	16.3					8.5	6.4		BJC, 1975
				B	28.4	16.5					8.0	5.9		
	---		1545	0	28.4	16.3					8.2	6.8		
				B	28.4	16.8					8.5	5.5		
	---	16 Apr 74	----	0	28.2t	22.0	15.6				7.8	7.8		
	---	28 May 74	-----	0	30.2t	26.0	16.7				6.3			
	---	18 Jun 74	-----	0	29.6t	27.5	16.4				5.5	6.9		
	---	26 Jun 74	1145	0	32	26.5					6.1	7.6		
				B	32	26.5					5.8	7.7		
	---		1250	0	32	26.2					6.3	7.8		
				B	32	26.0					6.3	7.8		
	---		1350	0	32	26.0					6.5	7.9		
				B	32	26.0					6.6	7.9		
	---		1450	0	31.3	26.0					6.4	7.8		
				B	32	26.0					6.2	7.8		
	---		1550	0	31.3	26.0					6.0	7.7		
				B	31.3	26.0					6.0	7.7		
	---		1700	0	31.3	26.0					5.6	7.7		
				B	31.3	26.0					5.6	7.7		
	---	23 Jul 74	-----	0	31.6t	28.0	17.5				8.2			

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	- 0.2	29 Jul 74	0900	0	28 r	28.5			57		4.9		low	Stickney & Knowles, 1974
				2	25 r	28.5		4.7		low				
				4	25 r	28.5		4.9		low				
				5	28 r	28.5	77	4.6		low				
			1150	0	28 r	30.0	49	5.9		e. flood				
				2	30 r	29.0		5.7		e. flood				
				4	28 r	28.5		5.4		e. flood				
				5	30 r	29.0	91	5.2		e. flood				
			1320	0	30 r	29.5	58	5.8		flood				
				2	30 r	29.0		5.5		flood				
				4	30 r	29.0		5.7		flood				
				5.5	30 r	29.0	78	5.3		flood				
			1600	0	31 r	28.2	82	6.1		flood				
				2	32 r	28.5		6.0		flood				
				4	32 r	28.4		6.0		flood				
				5.5	32 r	28.5	105	5.8		flood				
			1810	0	30 r	28.0	55	6.0		high				
				2	32 r	28.0		6.2		high				
				4	31 r	28.0		6.4		high				
				6.5	32 r	28.0	72	6.5		high				
			2115	0	28 r	28.0	94	5.4		ebb				
				2	30 r	28.0		5.6		ebb				
				4	30 r	28.0		5.5		ebb				
				5	30 r	28.0	104	5.7		ebb				

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	29 Jul 74	2330	0	27	r			78		5.6		low	Stickney & Knowles, 1974
		30 Jul 74	0130	0	29	r			82		5.2		e. flood	
				2	29	r					5.1		e. flood	
				4	29	r					5.1		e. flood	
				6	29	r			82		4.8		e. flood	
			0330	0	30	r			106		5.2		flood	
				2	30	r					5.1		flood	
				4	30	r					5.1		flood	
				6	30	r			110		5.1		flood	
			0600	0	30	r			82		5.2		high	
				2	30	r					5.2		high	
				4	30	r					5.2		high	
				6.5	30	r			77		5.0		high	
			0730	0	30	r			85				ebb	
				2	31	r							ebb	
				4	31	r							ebb	
				6	31	r			105				ebb	
			0930	0	30	r			67		5.7		low	
				2	30	r					5.7		low	
				3	30	r					5.6		low	
				4	30	r			92		5.7		low	
			1130	0	29	r			64		6.4		e. flood	
				2	29	r					6.2		e. flood	
				3	30	r					5.8		e. flood	
				4	29	r			78		6.1		e. flood	

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	30 Jul 74	1330	0	30.1r	30.0			71		6.1		flood	Stickney & Knowles, 1974
				2.5	30.4r	29.0		5.8		flood				
				3.5	30.2r	30.0		5.6		flood				
				4.5	31.8r	29.1		5.6		flood				
			1545	0	30 r	29.0		108			flood			
				2	32 r	29.0			flood					
				4	32 r	29.0			flood					
				7	32 r	29.0			158	flood				
			1745	0	32 r	32.0		83			5.8			
				2	32 r	32.0			5.9					
				4	32 r	32.0			6.0					
				7	32 r	32.0			107	6.1				
			1925	0	30 r	28.0		90			6.2	high		
				2	32 r	28.0			6.1	high				
				4	32 r	28.0			6.0	high				
				7	32 r	28.0			130	5.9	high			
			2135	0	29 r	28.0		96			5.4	ebb		
				2	30 r	28.0			5.2	ebb				
				4	30 r	28.0			5.3	ebb				
				5.5	30 r	28.0			88	5.2	ebb			
			2330	0	28 r	28.0		76			5.6	ebb		
				2	28 r	28.0			5.8	ebb				
				4	28 r	28.0			5.8	ebb				
				4.5	28 r	28.0			68	5.8	ebb			

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	31 Jul 74	0130	0	28 r	27.5			74		5.6		low	Stickney & Knowles, 1974
				2	28 r	28.0				5.2	low			
				4	28 r	28.0		107	5.0	low				
			0330	0	30 r	27.2			80		5.2		flood	
				2	30 r	27.8				5.1	flood			
				4	30 r	27.8				5.1	flood			
				5.5	30 r	27.2		88	4.9	flood				
			0530	0	31 r	27.0			66		5.0		1 fld.	
				2	31 r	27.6				4.8	1. fld.			
				4	30.5r	27.6				4.8	1 fld.			
				6.5	31 r	27.5		104	5.0	1. fld.				
			0730	0	31 r	28.2			58		6.0		ebb	
				3	31 r	28.5				6.0	ebb			
				4	31 r	28.5				6.0	ebb			
				6	31 r	28.2		93	5.9	ebb				
			0930	0	30 r	29.0			54		5.4		ebb	
				2	30 r	29.0				5.8	ebb			
				4	30 r	29.0				5.7	ebb			
				B	32 r	29.0		86	5.7	ebb				
			1100	0	29 r	29.9			44		6.9		1. ebb	
				2	29.5r	29.7				6.8	1. ebb			
				4	29 r	29.5				6.9	1. ebb			
				5	30 r	29.5		49	6.8	1. ebb				
			1330	0	29 r	30.5			59		7.1		flood	
				2	29 r	30.0				7.0	flood			
				4	30 r	29.5		65	6.9	flood				

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	FIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	31 Jul 74	1535	0	32	r	30.0		67		6.2		flood	Stickney & Knowles, 1974
				2	32	r	30.0			6.2		flood		
				4	32	r	30.0			6.2		flood		
				6	32	r	30.0		65	6.2		flood		
			1735	0	32	r	29.0		54		6.4		flood	
				2	32	r	29.0				6.2		flood	
				4	32	r	29.0				6.2		flood	
				7	32	r	29.0		89		6.2		flood	
			1930	0	30	r	28.0		51		6.2		flood	
				2	32	r	28.0				6.4		flood	
				4	32	r	28.0				6.4		flood	
				7	32	r	28.0		69		6.4		flood	
		2130	0	30	r	29.0		94		5.8		ebb		
			2	30	r	29.0				5.8		ebb		
			4	30	r	29.0				5.9		ebb		
			5.5	30	r	29.0		102		5.9		ebb		
		2330	0	29	r	28.2		74		6.0		ebb		
			2	29	r	28.5				5.9		ebb		
			4	29	r	28.5				5.8		ebb		
			5	29	r	28.4		75		5.8		ebb		
1 Aug 74	0130	0	28	r	27.5		68		5.3		ebb			
		2	28	r	28.5				5.3		ebb			
		4	28	r	28.5				5.2		ebb			
		4.5	28	r	28.0		70		5.2		ebb			
	0330	0	30	r	28.0		78		5.3		ebb			
		2	30	r	28.0				5.2		ebb			

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	1 Aug 74	0330	4	30	r	28.1				5.2		ebb	Stickney & Knowles, 1974
				6.5	30	r	28.1		91		5.0	ebb		
			0530	0	30	r	27.0		30		4.8		ebb	
				2	30	r	27.5				5.1	ebb		
				4	30	r	27.5				4.9	ebb		
				6	30	r	27.5		150		5.0	ebb		
			0730	0	31	r	28.5		37		5.6		high	
				2	31	r	28.5				5.7	high		
				4	32	r	28.5				5.6	high		
				6	31	r	28.5		53		5.7	high		
			0930	0	30	r	28.0		73		5.0		e. ebb	
				2	31	r	28.2				5.4	e. ebb		
				4	30	r	28.2				5.4	e. ebb		
				6	30	r	28.5		81		5.3	e. ebb		
			1130	0	30	r	29.0		71		5.6		l. ebb	
				2	30	r	29.0				5.9	l. ebb		
				4	30	r	29.0				5.7	l. ebb		
				5	30	r	29.0		83		5.8	l. ebb		
			1330	0	28	r	29.2		65		6.6		low	
				2	27	r	29.2				6.4	low		
				5	29	r	29.2		66		6.5	low		
			1530	0	28	r	28.0		75		5.8		flood	
				2	30	r	28.0				5.7	flood		
				4	30	r	28.0				5.7	flood		
				6	30	r	28.0		78		5.6	flood		

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	2 Aug 74	0730	0	31 r	28.0			62		5.7		flood	Stickney & Knowles, 1974
				2	31 r	28.0				5.9	flood			
				4	31 r	28.0				5.9	flood			
				6	31 r	28.0		89	5.7	flood				
			0915	0	32 r	28.2		79	5.5	ebb				
				2	31 r	28.5			5.5	ebb				
				4	31 r	28.5			5.5	ebb				
				6.5	32 r	28.2		93	5.5	ebb				
			1130	0	30 r	29.0		48	5.8	ebb				
				2	30 r	29.0			5.8	ebb				
				4	31 r	29.0			5.9	ebb				
				5	30 r	29.0		78	5.8	ebb				
			1300	0	29 r	29.0		67	6.2	low				
				2	29 r	29.0			6.3	low				
				4	30 r	29.0			6.2	low				
				5	30 r	29.0		65	6.2	low				
			1530	0	30 r	29.0		85	5.5	flood				
				2	32 r	29.0			5.5	flood				
				4	32 r	29.0			5.4	flood				
				6	32 r	29.0		78	5.4	flood				
			1730	0	30 r	28.0		90	5.3	flood				
				2	32 r	28.0			5.4	flood				
				4	32 r	28.0			5.6	flood				
				7	32 r	28.0		81	5.6	flood				
			1930	0	30 r	28.0		81	5.6	flood				
				2	32 r	28.0			6.0	flood				
				4	32 r	28.0			6.0	flood				
				7	32 r	28.0		94	5.9	flood				

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TRUB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	2 Aug 74	2130	0		30.0			95		5.5		high	Stickney & Knowles, 1974
				2		30.0				5.6	high			
				4		30.0				5.6	high			
				8		30.0	154	5.6						
			2300	0	30.5r	27.0		115	5.0	ebb				
				2	30.5r	27.2			4.9	ebb				
				4	30.5r	27.2			4.9	ebb				
				5	30.5r	27.1	98	4.8	ebb					
		3 Aug 74	0130	0	30 r	27.5	51	5.0	ebb					
				2	30 r	27.5		4.9	ebb					
				4	30 r	27.5		4.8	ebb					
				5	30 r	27.5	66	4.8	ebb					
			0330	0	29 r	27.2	410	5.3	flood					
				2	30 r	27.2		5.3	flood					
				4	30 r	27.6		5.2	flood					
				5	29.5r	27.5	138	5.1	flood					
0530	0		31 r	28.0	67	5.0	flood							
	2		31 r	28.0		5.0	flood							
	4		31 r	28.0		5.0	flood							
	6		31 r	28.0	55	4.8	flood							
0730	0	30 r	28.0	70	5.9	1. flood								
	2	31 r	28.0		5.9	1. flood								
	4	31 r	28.0		5.8	1. flood								
	7	31 r	28.0	135	5.9	1 flood								

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	3 Aug 74	0930	0	32 r	29.0			66		5.9		ebb	Stickney & Knowles, 1974
				2	32 r	29.0				5.8	ebb			
				4	32 r	29.0				5.8	ebb			
				6	32 r	29.0		128		5.8	ebb			
			1100	0	31 r	29.0		29		5.7	ebb			
				2	31 r	29.0				6.1	ebb			
				4	31 r	29.0				6.1	ebb			
				6	32 r	29.0		82		5.9	ebb			
			1300	0	30 r	29.9		79		6.4	low			
				2	30 r	29.2				6.5	low			
				4	30 r	29.5				6.4	low			
				5	30 r	29.8		92		6.5	low			
			1530	0	32 r	29.0		74		6.8	e. flood			
				2	32 r	29.0				6.8	e. flood			
				4	32 r	29.0				6.6	e. flood			
				5	32 r	29.0		82		6.6	e. flood			
			1730	0	30 r	29.0		76		6.4	flood			
				2	32 r	29.0				6.4	flood			
				4	32 r	29.0				6.4	flood			
				7	32 r	29.0		96		6.5	flood			
			1930	0	30 r	28.0		35		6.4	flood			
				2	32 r	28.0				6.4	flood			
				4	32 r	28.0				6.4	flood			
				7	32 r	28.0		60		6.4	flood			

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	3 Aug 74	2130	0	30	r	28.0		65		6.4		ebb	Stickney & Knowles, 1974
				2	32	r	28.0			6.4	ebb			
				4	32	r	28.0			6.5	ebb			
				6.5	32	r	28.0		83	6.6	ebb			
			2300	0	31	r	27.4		85		5.8	ebb		
				2	31	r	27.5				5.8	ebb		
				4	31	r	27.5				5.5	ebb		
				5.5	31	r	28.0		109		5.4	ebb		
		4 Aug 74	0130	0	29	r	27.2		61		5.5	ebb		
				2	29	r	27.2				5.6	ebb		
				4	29	r	27.2				5.4	ebb		
				5	29	r	27.8		44		5.2	ebb		
			0330	0	29	r	27.8		42		5.2	ebb		
				2	29	r	27.9				5.4	ebb		
				4	29	r	28.0				5.5	ebb		
				4.5	29	r	27.9		48		5.4	ebb		
0530	0		29	r	27.5		72		5.4	flood				
	2		29	r	28.0				5.4	flood				
	4		29	r	28.0				5.4	flood				
	6		29	r	27.8		43		5.2	flood				
0700	0	30	r	28.0		52		6.0	flood					
	2	31	r	28.0				6.2	flood					
	4	31	r	28.0				6.2	flood					
	7	30	r	28.0				6.2	flood					

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	4 Aug 74	0900	0	31 r	28.8					6.4		high	Stickney & Knowles, 1974
				2	31.5r	28.8				6.4	high			
				4	32 r	28.8				6.4	high			
				7	32 r	28.8				6.4	high			
			1100	0	31 r	29.5					5.8		ebb	
				2	32 r	29.2				5.7	ebb			
				4	31 r	29.2				5.6	ebb			
				5.5	31 r	29.0				5.7	ebb			
			1300	0	31 r	30.0					5.2		ebb	
				2	32 r	29.5				5.6	ebb			
				4	31 r	29.5				5.6	ebb			
				5	32 r	29.5				5.5	ebb			
			1500	0	28 r	30.0					6.1		low	
				2	28 r	29.6				6.0	low			
				4.5	30 r	29.6				6.1	low			
			1730	0	30 r	28.0					5.7		flood	
				2	30 r	28.0				5.8	flood			
				4	30 r	28.0				5.8	flood			
				6	30 r	28.0				5.8	flood			
			1930	0	28 r	28.0					5.6		flood	
				2	30 r	28.0				6.0	flood			
				4	30 r	28.0				6.0	flood			
				6.5	30 r	28.0				6.0	flood			

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	4 Aug 74	2130	0	31 r	28.0					5.6		ebb	Stickney & Knowles, 1974
				2	31 r	28.0				5.8	ebb			
				4	31 r	28.0			5.9	ebb				
				7.5	31 r	28.0		5.8	ebb					
			2330	0	30 r	27.5					5.4		ebb	
				2	30 r	28.0			5.5	ebb				
				4	30 r	28.0		5.6	ebb					
				6	30 r	28.0		5.6	ebb					
		5 Aug 74	0130	0	30 r	27.8					5.4		ebb	
				2	30 r	27.9			5.0	ebb				
				4	30 r	28.0		5.3	ebb					
				5.5	30 r	27.9		5.0	ebb					
			0330	0	29 r	27.5					5.2		ebb	
				2	29 r	27.7			5.1	ebb				
				4	29 r	28.0		5.1	ebb					
				5	29 r	27.8		4.9	ebb					
			0530	0	29 r	27.8					5.4		flood	
				2	29 r	28.0			5.2	flood				
				4	29 r	28.0		5.5	flood					
				5	29 r			5.6	flood					
			0730	0	30 r	28.0					6.4		flood	
				2	31 r	28.0			6.3	flood				
				4	31 r	25.0		6.4	flood					
				6	31 r	28.0		6.6	flood					

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	5 Aug 74	0900	0	31	r	29.0				6.6		high	Stickney & Knowles, 1974
				2	31	r	29.0				6.5	high		
				4	31	r	29.0				6.4	high		
				6.5	32	r	29.0				6.4	high		
			1100	0	30.5	r	29.0				6.3		ebb	
				2	31	r	29.0				6.3	ebb		
				4	32	r	29.0				6.3	ebb		
				5.5	31	r	29.0				6.4	ebb		
			1300	0	30	r	29.0		85		5.9		ebb	
				2	30	r	29.0				5.8	ebb		
				4	30	r	29.0				5.8	ebb		
				5	30	r	29.0				5.8	ebb		
			1500	0	29	r	29.0		64		5.9		low	
				2	28	r	29.0				6.0	low		
				4.5	30	r	29.0		72		6.0	low		
			1700	0	30	r	28.0		69		5.4		flood	
				2	30	r	28.4				5.6	flood		
				4	30	r	28.4				5.5	flood		
				5.5	30	r	28.4		86		5.2	flood		
			1900	0	30	r	28.0				5.6		flood	
			2100	0	30	r	26.8		79		5.5		flood	
				2	30	r	27.0				5.4	flood		
				4	30	r	27.5				5.3	flood		
				6.5	30	r	27.0		106		5.5	flood		

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+ 9.8	-0.2	5 Aug 74	2300	0	29	r	28.0		96		5.3		ebb	Stickney & Knowles, 1974		
				2	30	r	27.5				5.4	ebb				
				4	30	r	28.0				5.4	ebb				
				7	30	r	27.0		90		5.4	ebb				
		6 Aug 74	0330	0	29	r	27.0		55		5.4		low			
				2	30	r	27.0				5.4	low				
				4	29	r	27.0				5.4	low				
				4.5	29	r	27.0		66		5.4	low				
					0530	0	28	r	28.0		79		5.3			flood
						2	30	r	28.0				5.4		flood	
						4	30	r	28.0				5.4		flood	
						5.5	30	r	28.0		78		5.4		flood	
					0730	0	28	r	27.0		90		6.0			flood
						2	29	r	28.0				5.9		flood	
						4	29	r	28.0				5.8		flood	
						6.5	29	r	27.5		129		5.9		flood	
			0900	0	30	r	27.5		70		5.4		high			
				2	30	r	28.0				5.5	high				
				4	30	r	28.2				5.5	high				
				6.5	30	r	28.0		111		5.3	high				
			1100	0	30	r	28.0		93		5.7		ebb			
				2	30	r	28.0				6.0	ebb				
				4	31	r	28.0				6.0	ebb				
				6	31	r	28.0		183		6.0	ebb				

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	6 Aug 74	1300	0	30 r	28.8			74		5.2		ebb	Stickney & Knowles, 1974
				2	30 r	29.0				5.3	ebb			
				4	31 r	28.9				5.5	ebb			
				5	31 r	28.8	110		5.4	ebb				
			1500	0	29 r	28.2	73		5.4	low				
				2	29 r	28.2			5.4	low				
				4	29 r	28.0			5.3	low				
				5	29 r	28.0	62		5.6	low				
			1700	0	28 r	28.0	67		5.2	flood				
				2	28 r	28.2			5.3	flood				
				4	28 r	28.2			5.5	flood				
				5.5	28 r	28.0	87		5.3	flood				
			1900	0	29.5r	28.0	61		5.6	flood				
				2	29.5r	28.0			5.8	flood				
				4	29.5r	28.0			5.7	flood				
				6	29.5r	28.2	87		5.6	flood				
			2130	0	30 r	28.0	72		5.8	flood				
				2	30 r	28.0			5.9	flood				
				4	30 r	28.0			5.3	flood				
				7	30 r	28.0	80		5.9	flood				
			2300	0	30 r	27.0	76		5.2	ebb				
				2	30 r	27.0			5.4	ebb				
				4	31 r	27.0			5.4	ebb				
				5	31 r	27.0	86		5.4	ebb				

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	7 Aug 74	0130	0	30 r	27.0			88		5.0		ebb	Stickney & Knowles, 1974
				2	31 r	27.0		5.2		ebb				
				4	31 r	27.0		5.3		ebb				
				4.5	31 r	27.0		5.3		ebb				
			0330	0	30 r	27.0			54		5.2		low	
				2	31 r	27.0		5.6		low				
				4	31 r	27.0		5.4		low				
				4.5	31 r	27.0		5.4		low				
			0530	0	25 r	27.0			134		5.3		low	
				2	26 r	27.0		5.3		low				
				4	26 r	27.0		5.3		low				
			0730	0	28 r	27.2			77		5.5		flood	
				2	28 r	27.5		5.6		flood				
				4	28 r	27.5		5.8		flood				
				5.5	28 r	27.5		5.5		flood				
			0930	0	30 r	28.2			168		5.7		flood	
				2	30.5r	28.2		5.8		flood				
				4	30.5r	28.2		5.8		flood				
				6	30.5r	28.2		5.9		flood				
			1130	0	30 r	29.0			63		5.9		high	
				2	30.5r	28.5		5.9		high				
				4	31 r	28.5		5.8		high				
				7	30.5r	28.8		6.0		high				
			1330	0	30 r	29.0			90		5.9		ebb	
				2	30 r	29.0		5.9		ebb				

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	7 Aug 74	1330	4	30	r	29.0				5.8		ebb	Stickney & Knowles, 1974
				6	30	r	29.0		158		5.9	ebb		
			1530	0	29	r	29.0		63		5.4	ebb		
				2	29	r	29.0				5.6	ebb		
				4	29	r	29.0				5.5	ebb		
				5	29	r	29.0		86		5.3	ebb		
			1700	0	28	r	28.0		67		5.8	flood		
				2	28	r	28.5				5.3	flood		
				4	28	r	28.5				5.2	flood		
				5	28	r	28.0		99		5.4	flood		
			1900	0	29	r	28.5		80		5.4	flood		
				2	28	r	28.5				5.3	flood		
		4		28	r	28.5				5.3	flood			
		6		28	r	28.5		94		5.4	flood			
		2100	0	30	r	27.0		76		5.5	flood			
			2	30	r	27.0				5.2	flood			
			4	30	r	27.0				5.4	flood			
			7	30	r	27.0		110		5.3	flood			
		2300	0	31	r	27.5		75		5.7	ebb			
			2	31	r	27.8				5.4	ebb			
			4	31	r	27.5				5.6	ebb			
			7	31	r	27.5		79		5.3	ebb			
		8 Aug 74	0130	0	31	r	28.0		89		5.6	ebb		
				2	31	r	27.0				5.4	ebb		
4	31			r	27.0				5.5	ebb				
6	31			r	27.0		108		5.4	ebb				

WASSAW SOUND · WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	8 Aug 74	0330	0	25	r	27.0		93		5.4		ebb	Stickney & Knowles, 1974
				2	26	r	27.0			5.2	ebb			
				4	26	r	27.0			5.3	ebb			
				5	26	r	27.0			5.3	ebb			
			0530	0	28	r	28.0		5.3	low				
				2	29	r	28.0		5.5	low				
				4	29	r	28.0		5.5	low				
			0730	0	26	r	27.0		5.8	flood				
				2	27	r	27.5		5.4	flood				
				4	27	r	28.0		5.6	flood				
				5	27	r	27.5		5.3	flood				
			0930	0	29	r	27.8		4.5	flood				
				2	29	r	28.0		5.0	flood				
				4	29	r	28.0		4.6	flood				
				5	29	r	28.0		4.5	flood				
			1130	0	30	r	27.8		6.0	high				
				2	30	r	28.0		6.2	high				
				4	30	r	28.0		6.4	high				
				6.5	30	r	27.8		6.0	high				
			1330	0	29	r	28.0		5.3	ebb				
				2	29.5	r	28.0		5.2	ebb				
				4	29.5	r	28.0		5.2	ebb				
				5.5	29.5	r	28.0		5.4	ebb				
			1530	0	28	r	28.2		5.7	ebb				
				2	28	r	28.5		5.7	ebb				
				4	28	r	28.5		5.8	ebb				
				4.5	28.5	r	28.5		5.5	ebb				
			1730	0	26	r	28.5		5.7	ebb				
2	26	r		28.5		5.9	ebb							

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	8 Aug 74	1730	4	26	r 28			72		5.6		ebb	Stickney & Knowles, 1974
			1900	0	27.5	r 28.5			71		5.5		flood	
				2	27.5	r 28.5					5.5		flood	
				4	27.5	r 28.5			77		5.4		flood	
			2115	0	29	r 27.0			81		5.7		flood	
				2	29	r 27.0					5.5		flood	
				4	29	r 27.0					5.8		flood	
				6	29	r 27.0			87		5.8		flood	
			2300	0	29.5	r 27.0			78		5.9		1. fld.	
				2	29.5	r 27.0					5.7		1. fld.	
				4	29.5	r 27.0					5.5		1. fld.	
				7	29.5	r 27.0			75		5.7		1. fld.	
		9 Aug 74	0130	0	28.5	r 27.5			92		5.9		ebb	
				2	29	r 28.0					5.7		ebb	
				4	29	r 28.0					5.8		ebb	
				6	29	r 28.0			188		5.8		ebb	
			0330	0	25	r 27.0			187		5.5		ebb	
				2	26	r 27.0					5.4		ebb	
				4	26	r 27.0					5.4		ebb	
				5	26	r 27.0			83		5.4		ebb	
			0530	0	26	r 27.0			50		5.3		low	
				2	25	r 27.0					5.4		low	
				4	25	r 27.0					5.4		low	
				5	25	r 27.0			138		5.6		low	
			0730	0	25	r 28.0			65		5.2		flood	
				2	25	r 28.0					5.4		flood	

WASSAW SOUND · WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	-0.2	9 Aug 74	0730	4	26 r	28.0			94		5.3		flood	Stickney & Knowles, 1974
+ 5.0	---	13 Aug 74	----	0	27.6t	27.5	15.3				3.0	7.2		BJC, 1975
		17 Sep 74	----	0	27.1t	28.0	15.0				5.2	7.2		
		14 Oct 74	0800	0	31.3	21.2					7.2	7.5		
				B	31.3	21.2					7.2	7.5		
			0900	0	30.5	21.3					6.4	7.5		
				B	29.8	21.5					6.5	7.5		
			1000	0	29.8	21.5					6.2	7.4		
				B	29.8	21.5					6.1	7.4		
			1100	0	29.8	21.5					5.7	7.3		
				B	29.8	21.3					5.6	7.3		
			1200	0	29.1	22.0					5.2	7.2		
				B	29.1	21.7					5.3	7.2		
			1300	0	28.4	21.8					5.2	7.2		
				B	29.1	21.8					5.0	7.2		
			1400	0	28.4	21.8					5.1	7.2		
				B	29.1	21.7					5.3	7.2		
		15 Oct 74	----	0	30.0t	22.0	16.6				5.5	7.2		
		12 Nov 74	----	0	30.9t	17.5	17.1				7.5	7.6		

WASSAW SOUND - WILMINGTON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 5.0	---	10 Dec 74	----	0	30.7t	11.0	17.0				9.5	7.8		BJC, 1975
		17 Dec 74	1040	0	32.7	12.0					9.9	8.0		
				B	32.0	12.0					9.9	8.0		
			1140	0	32.0	12.0					9.3	8.0		
				B	32.0	12.0					9.3	8.0		
			1240	0	31.3	12.2					9.0	7.9		
				B	32.0	12.2					9.1	7.9		
			1340	0	32.0	12.0					8.9	7.9		
				B	31.3	12.0					8.9	7.9		
			1440	0	31.3	12.0					8.8	7.8		
				B	31.3	12.0					8.9	7.8		
			1540	0	30.5	12.0					9.2	7.8		
				B	31.3	12.0					9.1	7.8		
			1640	0	30.5	12.0					9.4	7.8		
				B	31.3	12.0					9.3	7.8		
- 7.4	-2.4	3 Jun 75	1428	0	32.1	26.8								Jaffe, 1975
- 3.6	-0.1		1805	0	30.1	28.4								
- 7.4	+2.6	1 Jul 75	1418	0	34.2	26.8								
- 3.3	+2.7		1429	0	33.1	27.4								
- 6.2	+4.8		1440	0	33.5	27.6								
+17.5	0.0	15 Feb 76	0800	0	26.1	12.2								Winker, 1976
				9.5	26.6	12.1								

TYBEE RIVER - ST. AUGUSTINE CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
0.0	0.0	10 Nov 70	0630	0	31.2	18.0			34					Howard, 1971
				3	31.1	18.0			36					
				6	31.0	18.0			848					
			0710	0			61	130						
				4.5			61	135						
				8.5			40	135						
			0730	0	31.3	17.9			24					
				3	31.3	18.0			30					
				6	31.3	17.9			108					
			0830	0	31.7	17.8			876					
				3	31.7	17.9			88					
				6	31.6	18.0			132					
			0905	0			67	130						
				3.5			61	140						
				7.5			43	130						
			0930	0	31.3	17.9			206					
				3	31.7	17.8			168					
				6	31.7	17.7			244					
			1030	0	31.2	17.4			30					
				3	31.2	17.4			90					
				6	31.5	17.5			160					
			1055	0			34	120						
				3.5			30	130						
				7.5			27	145						
			1130	0	31.1	17.5	24	150	28					
				3	31.3	17.7	15	170	32					
				6	31.4	17.8	15	190	24					

TYBEE RIVER - ST. AUGUSTINE CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
0.0	0.0	10 Nov 70	1230	0	31.1	18.4	24	310	56					Howard, 1971
				4	31.5	18.1	21	320	48					
				8	31.5	18.0	18	335	48					
			1330	0	30.7	18.6			88					
				3	30.9	18.5			103					
				6	31.1	18.4			58					
			1430	0	30.9	18.5	30	310	116					
				4.5	31.1	18.6	30	315	338					
				8.5	31.2	18.5	21	325	32					
			1530	0	31.6	18.6	34	305	196					
				5	31.7	18.6	34	310						
				10	31.7	18.6	21	315	376					
			1630	0	31.7	18.6	24		348				Flood	
				5	31.8	18.7	21		676					
				10	31.8	18.6	18		584					
			1730	0	31.7	18.5			20					
				3	31.8	18.5			32					
				6	31.9	18.6			24					
			1755	0			<9						Flood	
			1830	0	31.6	18.3			16					
				3					16					
				6	32.1	18.1			24					

TYBEE RIVER - ST. AUGUSTINE CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 4.8	0.0	12 Apr 73	1121	0	14.9	15.8								Scope, 1973
				1	17.5	15.1								
				2	18.5	15.0								
				2.5	19.1	15.0								
				3.5	19.5	15.0								
				4.5	19.9	15.0								
				6	20.6	14.7								
				7.5	21.1	14.7								
				9	21.5	14.8								
				10.5	21.8	14.8								
+ 8.7	0.0		1142	0	11.9	15.9								
				1	11.9	16.0								
				2	16.3	15.2								
				2.5	16.4	15.2								
				3.5	16.7	15.2								
				4.5	17.2	15.2								
				6	18.3	15.1								
+12.0	0.0		1152	0	9.7	15.2								
				1	10.9	14.9								
				2	10.9	14.8								
				2.5	13.6	15.0								
				3.5	14.1	15.1								
				4.5	14.2	15.1								
				6	14.9	15.2								
+15.0	0.0		1200	0	8.2	15.4								
				1	7.8	15.3								
				2	8.3	15.0								
				2.5	8.6	14.7								
				3.5	8.8	14.8								
				4.5(10 ⁰)	8.8	14.7								
					8.7	14.7								

TURNERS CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.8	0.0	12 Apr 73	1245	0	8.9	15.2								Scope, 1973
				1	9.0	15.2								
				2	9.1	14.8								
				2.5	9.9	15.0								
				3.5	10.5	15.1								
				4.5	10.7	15.2								

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+24.1	0.0	25 Apr 73	1340	0	11.2	23.2								Scope, 1973
				1	11.3	23.3								
				2	11.3	23.0								
				2.5	11.1	22.3								
				3.5	11.6	21.6								
				4.5	11.5	21.3								
+25.7	0.0		1430	0	10.4	24.0								
				1	10.7	22.5								
				2	10.6	23.6								
				2.5	10.6	23.4								
				3.5	10.6	22.6								
				4.5	10.6	22.6								
+24.1	0.0	2 May 73	0919	0	14.8	20.9								
				1	14.8	20.9								
				2	15.0	21.1								
				2.5	14.9	21.1								
+18.3	0.0		0930	0	16.7	20.5								
				1	16.4	20.7								
				2	16.4	20.7								
				2.5	17.7	20.5								
				3.5	17.4	20.5								
				4.5	18.4	20.3								
				6	17.8	20.3								
				7.5	17.8	20.5								
				9	17.4	20.5								
10.5	18.1	20.7												
+25.7	0.0		0935	0	15.3	20.1								
				1	15.0	20.1								
				2	15.1	21.0								
				2.5	15.2	20.6								
				3.5	15.0	20.6								

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+21.4	0.0	2 May 73	0945	0	15.4	20.5								Scope, 1973
				1	15.0	20.6								
				2	15.4	20.6								
				2.5	15.1	20.4								
				3.5	15.2	20.4								
				4.5	15.2	20.3								
				6	15.0	20.3								
				7.5	15.0	20.5								
				9	15.2	20.4								
				10.5	15.2	20.6								
+22.7	0.0		1005	0	14.8	20.4								
				1	14.8	20.3								
				2	14.8	20.3								
				2.5	14.8	20.3								
				3.5	14.8	20.3								
				4.5	14.8	20.4								
+18.3	0.0	16 May 73	0807	0	19.5	23.7								
				1	20.2	23.7								
				2	20.4	23.7								
				2.5	20.6	23.7								
				3.5	20.3	23.6								
				4.5	20.0	23.6								
				6	20.3	23.6								
				7.5	20.1	23.6								
				9	20.5	23.7								
				10.5	20.8	23.7								
				12	20.8	23.6								

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+21.4	0.0	16 May 73	0822	0	18.0	23.6								Scope, 1973
				1	18.0	23.6								
				2	18.0	23.6								
				2.5	18.0	23.6								
				3.5	18.3	23.6								
				4.5	18.3	23.6								
				6	18.5	23.6								
+22.5	-0.1		0832	0	17.6	23.8								
				1	17.6	23.7								
				2	17.6	23.5								
				2.5	17.6	23.5								
				3.5	17.6	23.6								
				4.5	17.7	23.6								
				6	17.7	23.5								
7.5	17.7	23.6												
+24.0	0.0		0842	0	17.4	23.5								
				1	17.5	23.5								
				2	17.5	23.5								
				2.5	17.5	23.5								
				3.5	17.5	23.5								
				4.5	17.5	23.5								
+25.6	0.0		0850	0	17.5	23.7								
				1	17.5	23.7								
				2	17.5	23.6								
				2.5	17.4	23.6								
				3.5	17.4	23.6								
				4.5	17.4	23.6								
+18.6	-0.2	29 Jul 74	0800	0	25 r	28			59		4.9		low	Stickney & Knowles, 1974
				2	24 r	28				4.9				
				4	24 r	28				4.8				
				5	25 r	28			61	4.9				

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	29 Jul 74	1105	0	25 r	29			51		5.7		flood	Stickney & Knowles, 1974
				2	26 r	29	4.5							
				4	26 r	29	4.3							
				5.5	26 r	29	4.4							
			1300	0	25 r	30			56		5.7		flood	
				2	26 r	29	5.5							
				4	26 r	29	5.3							
				6	26 r	29	4.7							
			1500	0	25 r	29			59		6.4		flood	
				2	26 r	29	6.4							
				4	28 r	29	5.4							
				6.5	28 r	28	5.4							
			1725	0	28 r	28			57		5.8		high	
				2	29 r	28	5.7							
				4	29.5r	28	5.6							
				6.5	30 r	28	5.6							
			1935	0	26 r	28			95		5.0		ebb	
				2	26 r	28	4.9							
				4	27 r	28	4.9							
				6	27 r	28	4.8							
			2145	0	28 r	27			82		5.2		ebb	
				2	30 r	27	5.2							
				4	30 r	27	5.2							
				4.5	30 r	27	5.1							
			2300	0	25 r	26			70		5.4		low	
				2	25 r	26	5.4							
				4	25 r	26	5.2							
				5.5	25 r	26	5.4							

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	30 Jul 74	0100	0	25 r	26			75		5.6		low	Stickney & Knowles, 1974
				2	25 r	26		5.4						
				4	25 r	26		5.4						
				5.5	25 r	26		79						
			0300	0	26 r	26			81		5.1		flood	
				2	26 r	26		5.0						
				4	26 r	26		5.0						
				6	26 r	26		168						
			0530	0	26 r	26.5			73		5.0		high	
				2	26 r	26.5		5.0						
				4	26 r	26.5		4.9						
				6	26 r	26.5		73						
			0700	0	26 r	27.5			69				ebb	
				2.5	26 r	27.5								
				4.5	28 r	27.5								
				6.5	26 r	27.5		102						
			0900	0	26.1r	28.2			73		3.4		ebb	
				2	25.9r	28.5		3.4						
				4	26.0r	27.4		5.1						
				5	26.7r	28.2		83						
			1100	0	25 r	29.8			68		5.7		ebb	
				2.5	26 r	29		5.4						
				3.5	26 r	29		5.3						
				4.5	26 r	29		71						
			1300	0	25 r	30.2			64		6.4		flood	
				2.5	25 r	30.2		6.5						
				3.5	25.5r	29.8		6.2						
				4.5	26 r	29.8		72						

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	30 Jul 74	1510	0	26 r	30			69		6.2		flood	Sickney & Knowles, 1974
				2	26.5r	29.5		6.1						
				4	27.5r	29		5.4						
				7	28 r	29		5.2						
			1700	0	30 r	28.5		93	5.5	high				
				2	30 r	28			5.5					
				4	30 r	28			5.6					
				7	30 r	28			5.6					
			1905	0	30 r	28			5.6	flood				
				2	30 r	28			5.6					
				4	29 r	28			5.6					
				6.5	29 r	28			5.6					
		2105	0	26 r	28		75	5.2	ebb					
			2	26 r	28			5.2						
			4	27 r	28			5.2						
			6	27 r	28			5.2						
		2300	0	25 r	28		73	5.4	ebb					
			2	25 r	28			5.3						
			4	25 r	28			5.3						
			5	25 r	28			5.3						
31 Jul 74	0100	0	26 r	27.5		70	5.2	low						
		2	26 r	28.0			5.4							
		4	26 r	28.0			5.2							
		5	26 r	27.8			5.2							
	0300	0	26 r	27.0		69	5.3	flood						
		2	26 r	27.5			5.3							
		4	26 r	27.5			5.4							
		6	26 r	27.5			5.3							

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	31 Jul 74	0500	0	28 r	27.0			48		5.0		high	Stickney & Knowles, 1974
				2	28 r	27.8		4.9						
				4	28 r	27.5		4.9						
				6.5	28 r	27.5		89		4.9				
			0700	0	28 r	28			45		6.6		e.ebb	
				3	27 r	28		6.4						
				5	27 r	28		6.5						
				7	28 r	28		43		6.4				
			0900	0	27 r	29.5			47		5.1		ebb	
				2	27 r	29		5.6						
				4	27 r	29		5.2						
				6	27 r	29		65		5.4				
			1100	0	28 r	29.9			47		6.0		1.ebb	
				2	26 r	29.9		5.9						
				4	28 r	29.5		5.9						
				5	28 r	29.5		51		5.9				
			1300	0	26 r	31			56		6.5		high	
				2	26 r	30.2		5.9						
				4	26 r	30		5.6						
				5	26 r	30		55		5.8				
			1510	0	26 r	29			52		6.8		flood	
				2	27 r	29		6.4						
				4	27 r	29		6.5						
				6.5	28 r	29		50		6.2				
			1700	0	28 r	29			58		5.4		flood	
				2	28.5r	29		5.3						
				4	28.5r	29		5.2						
				6.5	29 r	29		68		5.4				

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	31 Jul 74	1900	0	28 r	28			44		6.0		flood	Stickney & Knowles, 1974
				2	28 r	28		6.1						
				4	28 r	28		6.0						
				6.5	28 r	28	46	6.1						
			2100	0	26 r	28	85	5.7	flood					
				2	27 r	28	5.9							
				4	27 r	28	5.8							
				6	28 r	28	91	5.8						
			2300	0	25.5r	28	73	5.2	ebb					
				2	26 r	28.6	5.3							
				4	26 r	28.6	5.2							
				5	26 r	28.4	78	5.1						
		1 Aug 74	0100	0	26 r	28.2	81	5.1	ebb					
				2	26 r	28.2	4.8							
				4	26 r	28.5	5.3							
				5	26 r	28.4	81	5.1						
			0300	0	26 r	28.0	66	5.3	flood					
				2	25.5r	28.4	5.1							
				4	25.5r	28.5	5.0							
				5.5	25.5r	28.2	74	5.0						
0500	0		26 r	27.2	56	4.8	flood							
	2		26 r	27.9	4.6									
	4		26.5r	28	4.9									
	5.5		26.5r	27.8	41	4.8								
0700	0	28 r	28	35	5.3	high								
	2	28 r	28.5	5.3										
	4	28 r	28.5	5.4										
	7	28 r	28.2	48	5.4									

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	1 Aug 74	0900	0	28 r	28.5			59		5.3		e.ebb	Stickney & Knowles, 1974
				2	27 r	28.2		5.3						
				4	26 r	28.5		5.3						
				7	28 r	28.5	73	5.2						
			1100	0	26 r	29	64	5.4	1.ebb					
				2	26 r	29		5.1						
				4	26 r	29		5.3						
				5.5	26 r	29		65		5.2				
			1300	0	26 r	29.5	64	6.1	low					
				2	26 r	29.2		5.1						
				4	26 r	29		63		5.3				
			1500	0	26 r	28	59	6.3	flood					
				2	26 r	28		6.1						
				4	26 r	28		5.6						
				5	26 r	28		51		5.7				
			1700	0	26 r	28	56	5.8	flood					
				2	26 r	28		5.7						
				4	26 r	28		5.7						
				6	26 r	28		57		5.6				
			1900	0	28 r	28	74	5.7	1.fld					
				2	28 r	28		5.9						
				4	28 r	28		5.8						
				7	28 r	28		73		6.0				
			2100	0	28 r	27	61	5.4	ebb					
				2	28 r	28		5.6						
				4	28 r	27		5.3						
				7	28 r	27		99		5.4				

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	1 Aug 74	2300	0	26 r	27.2			72		5.2		ebb	Stickney & Knowles, 1974
				2	26 r	28			5.0					
				4	26 r	27.8			5.0					
				5	26 r	27.8		86	4.9					
		2 Aug 74	0100	0	26 r	27.8		60		5.0		low		
				2	26 r	28			4.8					
				4	26 r	28			4.8					
				4.5	26 r	27.8		105	4.8					
			0300	0	26 r	27		62		4.8		flood		
				2	26 r	27.2			5.0					
				4	26 r	27.5			4.8					
				5	26 r	27.5		105	4.8					
			0500	0	27.5r	27.0		64		4.8		flood		
				2	27 r	27.2			4.8					
				4	27 r	27.4			4.8					
				6	27 r	27.2		173	4.6					
		0700	0	28 r	28		58		5.4		1. fld			
			2	28 r	28			5.5						
			4	28 r	28			5.5						
			7.5	28 r	28		64	5.5						
0900	0	28 r	28.2		63		5.1		ebb					
	2	28 r	28.5			5.0								
	4	28 r	28.5			4.9								
	7	28 r	28.5		165	5.0								
1100	0	26 r	28.8		73		5.5		ebb					
	2	26 r	28.8			5.6								
	4	26 r	28.8			5.5								
	6	26 r	28.8		68	5.5								

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	2 Aug 74	1300	0	27 r	29.5			52		5.7		low	Stickney & Knowles, 1974
				2	26 r	29	5.6							
				4	26 r	29	5.3							
				5	28 r	29	5.6							
			1500	0	28 r	29	82		5.0		flood			
				2	28 r	29						5.2		
				4	28 r	29						5.2		
				6	28 r	29						69	4.9	
			1700	0	26 r	28	59		5.2		flood			
				2	26 r	28						5.2		
				4	26 r	28						5.2		
				6	26 r	29						78	5.2	
		1900	0	26 r	28.7	93		5.6		flood				
			2	29 r	29						5.6			
			4	30 r	29						5.6			
			6.5	29 r	28						91	5.6		
		2100	0	28 r	27.5	67		5.6		high				
			2	28 r	28						5.6			
			4	28 r	28						5.6			
			7.5	28 r	28						77	5.6		
		2300	0	26.5r	27.7	109		5.1		ebb				
			2	27.0r	27.2						4.9			
			4	27.0r	27.2						4.9			
			5	27.0r	27.2						146	5.0		
3 Aug 74	0100	0	27 r	27.1	59			ebb						
		2	27 r	27.5					5.3					
		4	27 r	27.5					131	5.0				

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	3 Aug 74	0300	0	26.5r	27			81		4.6		flood	Stickney & Knowles, 1974
				2	26.5r	27.5				4.5				
				4	26.5r	27.5				4.4				
				5	26.5r	27.5		81		4.4				
			0500	0	28 r	27.5		72		4.8	flood			
				2	28 r	27.5				4.8				
				4	28 r	27.5				4.8				
				6	28 r	27.5		58		4.6				
			0700	0	27 r	28		75		5.6	l.fld			
				2	27 r	28				5.6				
				4	27 r	28				5.6				
				7.5	26 r	28		92		5.6				
			0900	0	28 r	29		55		5.4	ebb			
				2	28 r	29				5.4				
				4	28 r	29				5.3				
				7	28 r	29		116		5.2				
			1100	0	28 r	29		93		4.9	ebb			
				2	28 r	29				5.2				
				4	28 r	29				5.0				
				6	27 r	29		93		5.0				
1300	0	26 r	29.5		56		5.6	low						
	2	26 r	29.2				5.6							
	4	26 r	29.2				5.6							
	5	26 r	29.2				5.6							
1500	0	28 r	29		82		6.3	e.fld						
	2	28 r	29				5.7							
	4	28 r	29				5.8							
	5	28 r	29		83		5.4							

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	3 Aug 74	1700	0	26 r	29			58		6.6		flood	Stickney & Knowles, 1974
				2	26 r	29		6.0						
				4	26 r	29		6.0						
				6	26 r	29	77	6.0						
			1900	0	26 r	28	46	6.0	flood					
				2	28 r	28	6.2							
				4	28 r	28	6.2							
				6.5	28 r	28	56	6.2						
			2100	0	26 r	28	42	6.2	ebb					
				2	28 r	28	6.3							
				4	28 r	28	6.3							
				6	28 r	28	68	6.3						
		2300	0	28 r	28	36	5.8	ebb						
			2	28 r	28	5.6								
			4	28 r	28	5.2								
			5.5	28 r	28.2	91	5.2							
		4 Aug 74	0100	0	26 r	28.2	79	5.6	ebb					
				2	26 r	28	5.5							
				4	26 r	28	5.4							
				4.5	26 r	28	78	5.4						
			0300	0	26 r	28	40	4.7	ebb					
				2	26 r	28	4.8							
				4	26 r	28	75	4.8						
			0500	0	26 r	27	143	5.2	flood					
2	27 r			27.4	5.1									
4	27 r			27.6	4.8									
5.5	27 r			27.5	66	5.1								

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	4 Aug 74	0700	0	26	r	28		49		5.5		1.fld	Stickney & Knowles, 1974
				2	27	r	28	5.2						
				4	27	r	28	5.4						
				7	27	r	28	73		5.4				
			0900	0	28	r	28.2				6.0		high	
				2	28	r	28.5	6.2						
				4	28	r	28.5	6.0						
				6	28	r	28.2	6.1						
				8	29	r	28.5	6.4						
			1100	0	29	r	29				5.8		ebb	
				2	28	r	29	5.6						
				4	28	r	29	5.6						
				6	28	r	29	5.7						
			1300	0	28	r	30				5.2		ebb	
				2	27	r	29.8	5.4						
				4	28	r	29.7	5.5						
				5	27	r	29.8	5.4						
			1500	0	28	r	30				5.3		low	
				2	28	r	29.8	5.4						
				4.5	28	r	29.8	5.2						
			1700	0	26	r	28				5.9		flood	
				2	26	r	28	5.5						
				4	26	r	28	6.0						
				5	26	r	28	5.5						
			1900	0	25	r	28				5.4		flood	
				2	26	r	28	5.4						
				4	26	r	28	5.6						
				6	26	r	28	5.5						

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	4 Aug 74	2100	0	28 r	28					5.4		flood	Stickney & Knowles, 1974
				2	28 r	28			5.5					
				4	28 r	28			5.6					
				7	28 r	28			5.6					
			2300	0	25.5r	27.8			5.4	e.ebb				
				2	27.0r	28			5.5					
				4	27.5r	28			5.5					
				6	28 r	28			5.4					
		5 Aug 74	0100	0	26.5r	27.8		5.3	ebb					
				2	26.5r	28.0		5.0						
				4	26.5r	28.1		4.9						
				6	26.5r	28		5.1						
			0300	0	26 r	28		5.0	ebb					
				2	26 r	28		5.0						
				4	26 r	28		4.9						
				4.5	26 r	28		4.9						
			0500	0	25.5r	27		5.3	flood					
				2	25.5r	27.9		4.9						
				4	25.5r	27.8		4.8						
				5	26.0r	27.8		4.8						
			0700	0	26 r	28		5.4	flood					
				2	26 r	28.5		5.3						
				4	26 r	28		5.3						
				6	26 r	28		5.5						
		0900	0	28 r	29		5.8	flood						
			2	28 r	29		6.1							
			4	28 r	29		6.1							
			7	28 r	29		6.0							

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	5 Aug 74	1100	0	27	r	28.8				5.9		ebb	Stickney & Knowles,1974
				2	28	r	29			6.1				
				4	28	r	29			5.9				
				6	28	r	28.8			6.1				
			1300	0	28	r	29		85		5.5	ebb		
				2	27	r	29			5.6				
				4	27	r	29			5.6				
				5.5	28	r	29		98	5.6				
			1500	0	26	r	29.5		65		5.3	low		
				2	26	r	29.5			5.3				
				5	26	r	29.5		70	5.1				
			1700	0	27	r	28.0		84		5.0	flood		
				2	27	r	28.4			4.8				
				4	27	r	28.4			5.2				
				5.5					66					
			1900	0	25	r	28		55		5.8	flood		
				2	25	r	28			5.6				
				4	25	r	28			5.6				
				6	25	r	28		58	5.6				
			2100	0	28	r	27.5		89		5.3	flood		
				2	28	r	28			5.6				
				4	28	r	28			5.4				
				6.5	28	r	28.0		83	5.6				
			2300	0	27	r	27		66		5.1	ebb		
				2	27	r	27			5.1				
				4	27	r	27			5.2				
				6	27	r	27.5		89	5.2				

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	6 Aug 74	0100	0	26 r	27			154		4.8		ebb	Stickney & Knowles, 1974
				2	26 r	27		5.0						
				4	26 r	27		4.8						
				5	26 r	27	78	4.8						
			0300	0	26 r	27	65	4.8	low					
				2	26 r	27	4.8							
				4	26 r	27	5.0							
				5	26 r	27	81	5.0						
			0500	0	26 r	28	62	5.2	flood					
				2	28 r	28	5.3							
				4	28 r	28	5.3							
				5	28 r	28	77	5.3						
			0700	0	24 r	26.8	56	5.7	flood					
				2	25 r	27.5	5.4							
				4	25 r	28	5.5							
				6	25 r	27.5	65	5.7						
			0900	0	27 r	26	97	5.2	flood					
				2	28 r	26	5.2							
				4	28 r	26	6.2							
				6.5	28 r	26	108	5.9						
			1100	0	25.5r	28	60	5.7	ebb					
				2	26 r	28	5.5							
				4	26 r	28	5.5							
				7	26 r	28	110	5.9						
			1300	0	25.5r	28	86	5.1	ebb					
				2	25 r	28.2	5.3							
				4	25 r	28.2	5.2							
				5	25 r	28.2	113	5.2						

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	6 Aug 74	1500	0	25 r	27.5			70		5.2		low	Stickney & Knowles, 1974
				2	25 r	28		5.4						
				4	24.5r	28		5.2						
				5.5	25 r	28	72	5.3						
			1700	0	25 r	28	58	5.3	flood					
				2	25 r	28.1	5.3							
				4	25 r	28	5.2							
				5.5	25 r	28	68	5.1						
			1900	0	24 r	28	62	5.4	flood					
				2	26 r	28	5.2							
				4	26 r	28	5.0							
				6	25.5r	28	79	5.3						
		2100	0	26 r	27.8	46	5.7	flood						
			2	26 r	28	5.5								
			4	26 r	28	5.3								
			6	26 r	28	54	5.4							
		2300	0	27 r	27	68	5.2	ebb						
			2	26 r	27	5.4								
			4	27 r	27	5.4								
			5	26 r	27	75	5.4							
7 Aug 74	0100	0	26 r	27	112	5.2	ebb							
		2	27 r	27	5.4									
		4	27 r	27	5.4									
		4.5	27 r	27	106	5.4								
	0300	0	26 r	27	97	5.0	flood							
		2	27 r	26	5.2									
		4	27 r	27	5.2									
		4.5	27 r	26	102	5.2								

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	7 Aug 74	0500	0	23 r	27			55		5.3		low	Stickney & Knowles, 1974
				2	23 r	27			5.3					
				4	23 r	27		81	5.3					
			0700	0	22 r	27		54	5.7	flood				
				2	24 r	27		5.6						
				4	24 r	27		5.2						
				6	24 r	27	108	5.3						
			0900	0	25 r	28		58	4.7	flood				
				2	25 r	28		5.6						
				4	26 r	28		5.0						
				6	26 r	28	76	5.2						
			1100	0	26 r	28.2		73	5.3	high				
				2	27 r	28.2		5.5						
				4	27 r	28.2		5.4						
				7	27 r	28.2	82	5.4						
			1300	0	26 r	29		69	5.8	ebb				
				2	26.5r	28.8		5.7						
				4	27 r	28.8		5.7						
				6	26 r	28.8	90	5.7						
			1500	0	25 r	28.5		73	5.5	ebb				
				2	25 r	28.5		5.4						
				4	25 r	28.5		5.7						
				5	25 r	28.5	83	5.4						
			1700	0	24.5r	28.5		61	5.2	flood				
2	25 r	28.5			5.0									
4	25 r	28.2			4.9									
5	25 r	28.5		84	4.8									

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	7 Aug 74	1900	0	25 r	27.8			90		5.2		flood	Stickney & Knowles, 1974
				2	24 r	28.0		5.3						
				4	24 r	28.2		5.2						
				6	24 r	28.2	87	5.0						
			2100	0	25 r	28.0	65	5.2		flood				
				2	25 r	27.5		5.2						
				4	25 r	28.0		5.0						
				6.5	25 r	28.0	82	4.9						
			2300	0	28 r	28	57	5.2		ebb				
				2	27 r	28		5.4						
				4	27 r	28		5.6						
				7	27 r	28	74	5.2						
		8 Aug 74	0100	0	28 r	28	86	5.2	ebb					
				2	27 r	28		5.3						
				4	27 r	28		5.5						
				6.5	27 r	28	85	5.3						
			0300	0	24 r	28	61	4.6	ebb					
				2	22 r	28		4.6						
				4	23 r	28		4.8						
				5	23 r	28	77	4.8						
			0500	0	23 r	27.5	63	4.7	low					
				2	22 r	28		4.9						
				4	23 r	28	70	4.9						
			0700	0	27.2r	22	60	5.0	flood					
2	27.8r	22			5.1									
4	28 r	23			5.3									
5.5	28 r	24		64	5.0									

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	8 Aug 74	0900	0	23 r	27.2			64		5.1		flood	Stickney & Knowles, 1974
				2	24.5r	28		5.0						
				4	24.5r	28		4.8						
				5.5	24 r	27.8		5.1						
			1100	0	26 r	27.5		66	4.5		108	4.5		1.fld
				2	26 r	28			4.9					
				4	26 r	28			5.0					
				7.5	26 r	27.8			4.8					
			1300	0	25 r	28		49	5.4		85	5.4		ebb
				2	25 r	28.2			5.5					
				4	25 r	28.2			4.8					
				6.5	25 r	28.2			5.4					
			1500	0	25 r	28.2		95	5.4		84	5.4		ebb
				2	25 r	28.2			5.2					
				4	25 r	28.1			5.2					
				5	25 r	28.2			5.2					
			1700	0	24.5r	28.5		409	5.6		76	5.6		1.ebb
				2	24 r	28.5			5.2					
				4	24 r	28.8			5.2					
			1900	0	24 r	28.5		64	5.2		69	5.2		flood
				2	24 r	28.5			5.4					
				4	24 r	28.5			5.1					
			2100	0	23 r	28		60	5.2		85	5.2		flood
				2	23.5r	28.2			5.3					
				4	23.5r	28			5.2					
				6	24 r	28			5.1					

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+18.6	-0.2	8 Aug 74	2300	0	25 r	26.5			65		5.4		1.fld	Stickney & Knowles, 1974		
				2	25 r	27			5.3							
				4	25 r	27			5.3							
				6	25 r	27	124	5.3								
		9 Aug 74	0100	0	24.5r	27.0			53		5.3		ebb			
				2	24.5r	27.2			5.5							
				4	24.5r	27.5			5.6							
				6.5	24.5r	27.5	82	5.5								
					0300	0	24 r	27.5			65		5.0			ebb
						2	23 r	27.5			5.1					
						4	22 r	27.5			5.1					
						5	22 r	27.5	62	5.1						
					0500	0	22 r	27			74		4.8			low
						2	23 r	27			5.0					
						4	23 r	27			5.0					
						5	23 r	27	69	5.1						
			0700	0	22 r	27.2			58		4.8		flood			
				2	23 r	27.5			4.9							
				4	23 r	28			4.8							
				5	23 r	27.5	74	5.0								
		20 Sep 74	0700	0	20 r	27			43		5.1		flood			
				2	22 r	27			5.7							
				4	22 r	27			5.8							
				5	22 r	27	85	5.6								
					0900	0	22 r	28			81		6.0		flood	
						2	22 r	28			5.7					
						4	22 r	28			5.8					
						6.5	22 r	28	74	5.8						

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	20 Sep 74	1100	0	25 r	27.5			80		5.8		1.fld	Stickney & Knowles, 1974
				2	25 r	28			5.6					
				4	25 r	28			5.6					
				6.5	25 r	28		136	5.4					
			1300	0		27.5			60		6.2		ebb	
				2		27.5			6.2					
				4		27.5			6.2					
				6		27.5		90	6.1					
			1500	0	24 r	29			103		6.0		ebb	
				2	24 r	29			6.2					
				4	24 r	29			6.0					
				6	24 r	29		130	6.0					
			1700	0	22 r	28.5			80		6.2		low	
				2	22 r	28.5			6.4					
				4	22 r	28.5			6.2					
				5	22 r	28.5		75	6.4					
			1900	0	22 r	28.0			60		6.0		flood	
				2	22 r	28.2			6.2					
				4	22 r	28.5			6.3					
				6	22 r	28.5		55	6.3					
			2100	0	22 r	27.8			44		6.0		flood	
				2	22 r	28			6.1					
				4	22 r	28			6.2					
				6	22 r	28.4		109	6.2					
			2300	0	24 r	28			50		5.4		high	
				2	24 r	28			5.6					
				4	24 r	28			5.7					
				6	24 r	28.2		107	5.8					

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	17 Oct 74	0700	0	26 r	20.8			73		6.4		flood	Stickney & Knowles, 1974
				2	26 r	20.9			6.5					
				4	26 r	21			6.5					
				6.5	26 r	21		84	6.5					
			0900	0	28 r	21.8			101		6.5		high	
				2	27 r	22			6.5					
				4	27 r	22			6.5					
				7	28 r	22		108	6.6					
			1100	0	27 r	22.5			68		6.4		e.ebb	
				2	27 r	22			6.4					
				4	27 r	22			6.4					
				7.5	27 r	22.5		53	6.4					
			1300	0	26 r	23			93		6.3		ebb	
				2	26 r	23			6.4					
				4	26 r	22.5			6.4					
				6	26 r	22.5		134	6.4					
			1500	0		23			59				ebb	
				2	25 r	23			6.6					
				4	25 r	23			6.6					
				5.5	25 r	23		53	6.6					
			1700	0	25 r	22.5			43		6.0		flood	
				2	25 r	22.5			6.4					
				4	25 r	22.5			6.6					
				5.5	25 r	22.5		65	6.4					
			1900	0	25 r	22.6			67		5.6		flood	
				2	25 r	22.5			6.0					
				4	25 r	22.5			6.3					
				6	25 r	22.5		73	6.4					

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+18.6	-0.2	17 Oct 74	2100	0	27 r	22.2			75		5.7		high	Stickney & Knowles, 1974	
				2	26 r	22.2				6.2					
				4	27 r	22.2				6.0					
				7	26 r	22.2			110	6.2					
			2300	0	27 r	27			63	5.9		ebb			
				2	28 r	27				6.1					
				4	28 r	27				6.2					
				7	28 r	27			62	6.1					
		13 Nov 74	0800	0800	0	29 r	16			92		7.8		high	
					2	29 r	16				7.7				
					4	29 r	16				7.7				
					7	29 r	16			100	7.7				
				1000	0	29 r	16.5			100	7.7		ebb		
					2	28 r	16.5				7.7				
					4	28 r	16.5				7.7				
					6.5	28 r	16.5			112	7.7				
			1200	0	27 r	17			68	7.8		ebb			
				2	27 r	17				7.6					
				4	27 r	17				7.6					
				6	26 r	17			95	7.6					
			1400	0	26 r	17.5			85	7.8		low			
				2	26 r	17.5				7.6					
				4	26 r	17.5			79	7.6					
			1600	0	27 r	17.5			63	7.7		flood			
2	26 r			17.5				7.7							
4	27 r			17.5				7.7							
5.5	26 r			17.5			80	7.7							

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	13 Nov 74	1800	0	28	r	16.8		107		7.1		flood	Stickney & Knowles, 1974
				2	28	r	16.8		7.4					
				4	28	r	16.8		7.4					
				6	28	r	17.0	100	7.7					
			2000	0	30	r	17.0	88	7.3		e.ebb			
				2	30	r	17.0		7.5					
				4	30	r	17.0		7.6					
				7	30	r	17.0	74	7.6					
			2200	0	30	r	17.0	87	7.4		ebb			
				2	30	r	17.0		7.5					
				4	30	r	17.0		7.6					
				6	30	r	17.0	73	7.6					
		2400	0	28	r	17.0	93	7.5		ebb				
			2	28	r	17.0		7.4						
			4	28	r	17.0		7.4						
			5	28	r	17.0	115	7.4						
		11 Dec 74	0800	0	30	r	11.5	58		e.ebb				
				2	31	r	11.5		9.2					
				4	31	r	11.5		9.3					
				7	30	r	11.5	53	9.3					
			1000	0	28	r	11.5	106	9.3		ebb			
				2	29	r	11.5		9.3					
				4	29	r	11.0		9.3					
				6	30	r	11.0	64	9.3					
1200	0		29	r	12	49	9.1		l.ebb					
	2		28	r	11.8		9.0							
	4		28	r	11.5		9.0							
	6		28	r	11.5	53	9.0							

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+18.6	-0.2	11 Dec 74	1400	0	28 r	12.2			44		9.3		flood	Stickney & Knowles, 1974		
				2	28 r	12.0			9.2							
				4	28 r	12.0			9.2							
				5.5	28 r	11.8			9.2							
			1600	0	28 r	12			9.0		39		9.0			flood
				2	28 r	12			9.0				9.0			
				4	28 r	11.8			9.0				9.0			
				7.5	28 r	11.5			9.0		56		9.0			
			1800	0	31 r	12			8.6		59		8.6			flood
				2	31 r	12			8.6				8.6			
				4	31 r	12			8.6				8.6			
				7	31 r	12			8.8		75		8.8			
		15 Jan 75	0800	0	28 r	12			35		8.5		flood			
				2	27 r	12										
				4	27 r	12			8.6					8.6		
				6	27 r	12.2			8.6		48			8.6		
			1000	0	28 r	13.5			8.8		51		8.8		high	
				2	28 r	13.5			8.6				8.6			
				4	28 r	13.5			8.6				8.6			
				7	28 r	13.5			8.6		112		8.6			
			1200	0	27 r	14			8.1		39		8.1		ebb	
				2	27 r	14			8.4				8.4			
				4	27 r	13.5			8.4				8.4			
				6	27 r	13.5			8.5		38		8.5			
1400	0	25 r	13.5			8.8		41		8.8		ebb				
	2	25 r	13.5			8.7				8.7						
	4	25 r	13.5			8.7				8.7						
	5	26 r	13.5			8.7		49		8.7						

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	15 Jan 75	1600	0	25 r	14.4			35		8.4		low	Stickney & Knowles, 1974
				2	25 r	14.4				8.6				
				4	25 r	14.4			37	8.8				
			1800	0	25 r	14.5			33	8.6	flood			
				2	25 r	14.5				8.6				
				4	25 r	14.5				8.6				
				5	25 r	14.5			45	8.6				
			11 Feb 75	0800	0	22 r	13		28	9.2	1.fld			
					2	22 r	13			9.1				
					4	22 r	13			9.1				
					6	22 r	13		34	9.1				
				1000	0	20 r	14		34	8.9	e.ebb			
		2			21 r	14			8.9					
		4			22 r	3.5			8.8					
		6			22 r	3.2		43	8.8					
		1200		0	19 r	14.5		50	9.0	ebb				
				2	19 r	14.5			9.0					
				4	20 r	14			9.1					
				6	20 r	14		44	9.1					
		1400	0	17.0r	15.0		46	9.2	1.ebb					
			2	17.0r	15.2			9.2						
			4	18.0r	15.2			9.2						
			4.5	18.0r	15.0		39	9.2						
		1600	0	18 r	15		10	9.3	flood					
2	18 r		15			9.4								
4	18 r		15			9.4								
5.5	18 r		14.5		42	9.4								

SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.6	-0.2	11 Mar 75	0700	0	20 r	15			51		9.0		1.fld	Stickney & Knowles, 1974
				2	19 r	15			9.0					
				4	19 r	14.8			9.0					
				7	19 r	14.8	44	9.0						
			0900	0	18 r	15		38	9.0		ebb			
				2	18 r	15		8.9						
				4	18 r	15		8.9						
				6.5	18 r	14.8	49	8.9						
			1100	0	17 r	16		30	9.0		ebb			
				2	16 r	16		8.9						
				4	16 r	16		8.9						
				5.5	16 r	15.5	43	8.9						
			1300	0	15 r	17		36	9.2		low			
				2	15 r	17		9.2						
				4	16 r	16		9.2						
				5.5	15 r	16.5	28	9.2						
			1500	0	15 r	17		42	9.3		flood			
				2	16 r	17		9.3						
				4	16 r	17		9.3						
				5	16 r	17	36	9.3						
+18.6	0.0	15 Feb 76	0740	0	26.0	12.2								Winker, 1976
				6.5	25.9	12.0								

GRAYS CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+21.3	0.0	8 Jul 71	0100	0	18 r	27.3			21		2.9	6.8	low	Windom & Stickney, 1972		
			0300	0	16 r	26.5				3.8	6.8	flood				
			0500	0	16 r	26.3				4.3	6.8	flood				
			0700	0	17 r	26.0		24		4.2	7.2	high				
			0900	0	17.5r	27.0				4.2	7.6	ebb				
			1100	0	12 r	24.8				4.8	7.2	ebb				
			1300	0	12.5r	25.0		82		4.3	6.9	low				
			1500	0	10 r	26.0				5.1	7.0	flood				
			1700	0	10.5r	27.0				4.6	7.0	flood				
		16 Jul 71	----	0			29								Stickney, 1972	
		19 Jul 71	1900	0	24 r	30.7		41		6.6	7.7	high	Windom & Stickney, 1972			
			2100	0	20 r	30.6				4.0	7.4	ebb				
			2300	0	18 r	30.3				4.7	7.1	ebb				
		20 July 71	----	0	18 r	30										Stickney, 1972
					0100	0	18 r	30.0		37		3.2	7.1	low	Windom & Stickney, 1972	
					0300	0	19 r	29.8				5.2	7.2	flood		
					0500	0	21 r	29.3				5.0	7.3	flood		
					0700	0	25.5r	29.4		31		5.5	7.6	high		
					0900	0	19 r	29.9				5.1	7.3	ebb		
					1100	0	18 r	29.6				4.2	7.1	ebb		
					1300	0	17 r	29.8		44		4.9	7.3	low		
1500	0				19 r	30.2			6.1		7.5	flood				
1700	0	23.5r	29.7			5.7	7.5	flood								
26 July 71	1900	0	14.5r	29.4		38		6.2	6.6	flood						
			2100	0	18 r		29.0		5.8	7.3		high				
			2300	0	17 r		28.1		5.2	7.4		ebb				

GRAYS CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+21.3	0.0	27 Jul 71	0100	0	17 r	28.7					4.7	7.1	ebb	Windom & Stickney, 1972
			0300	0	17 r	28.6			40		4.3	7.1	low	
			0500	0	16 r	28.2					3.8	7.1	flood	
			0700	0	15 r	28.3					5.0	7.0	flood	
			0900	0	16 r	28.7			23		5.8	7.2	high	
			1100	0	18 r	30.0					7.2	6.7	ebb	
			1300	0	17 r	30.1					7.4	7.4	ebb	
			1500	0	16.5r	30.0					7.0	7.1	low	
			1700	0	16 r	29.5					6.5	7.3	flood	
		13 Aug 71	----	0	13 r	28								Stickney, 1972
		15 Sep 71	----	0	14 r	27								
		13 Oct 71	----	0	16 r	22								
		10 Nov 71	----	0	14 r	16								
Dec 71	----	0	14 r	16										

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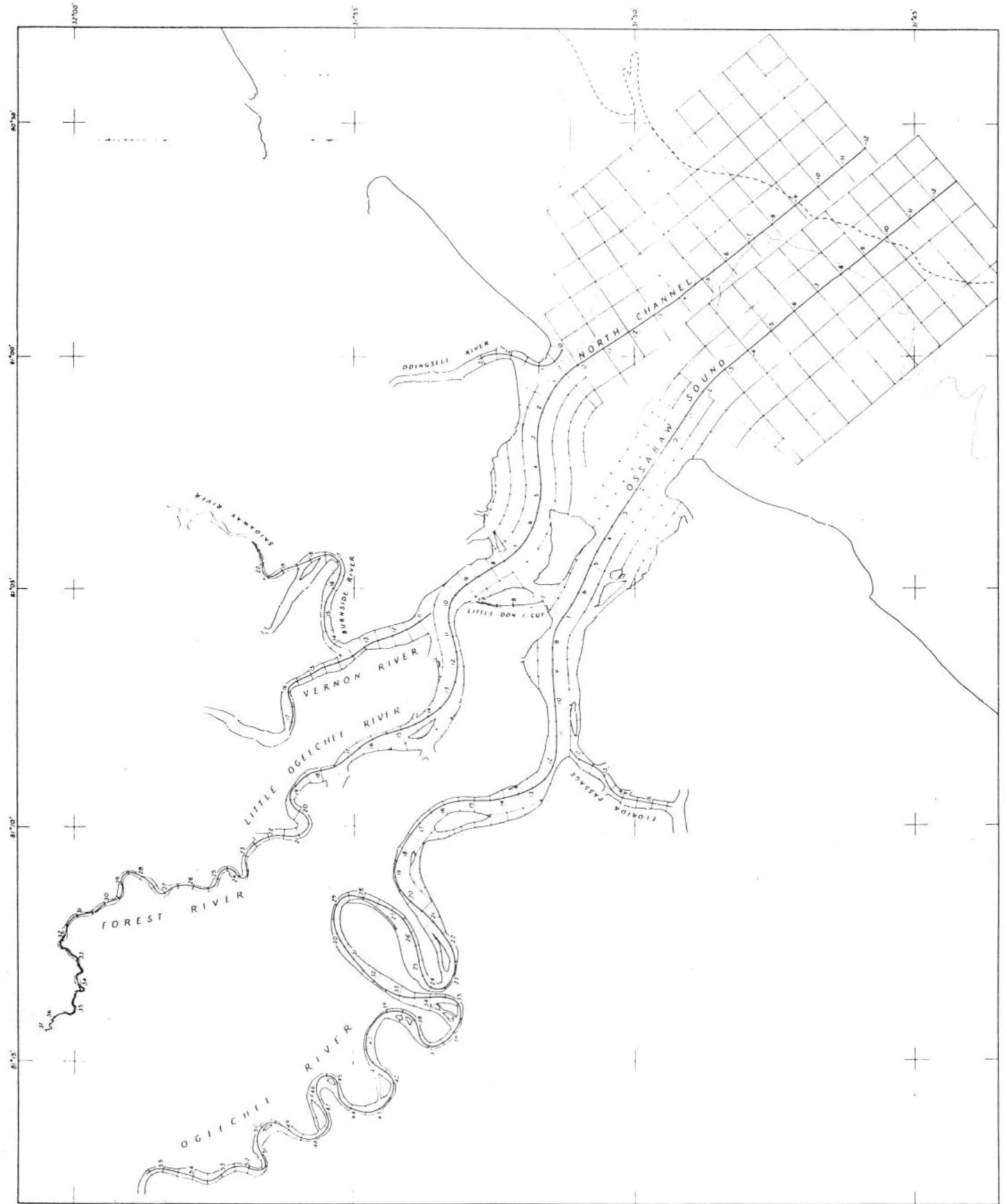


Figure 3. Station Locations, Ossabaw Section

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 7.8	0.0	11 Nov 70	0655	0			15	040					flood	Howard, 1971
			0700	0	30.6	17.5			32					
				3.5	30.5	17.6			42					
				8.5	31.7	17.6			72					
				12	31.4	17.5			40					
+ 7.9	- 0.6		0700	0	30.1	17.5			28					
				2.5	30.9	17.6			96					
				5	31.1	17.6			80					
			0705	0			15	320						
+ 7.8	0.0		0745	0			55	160					e. ebb	
+ 7.9	- 0.6		0755	0			70	150						
+ 7.8	0.0		0800	0	30.6	17.5			42					
				3.5	31.5	17.6			52					
				8.5	31.8	17.6			68					
				12	31.8	17.7			160					
+ 7.9	- 0.6		0800	0	30.7	17.4			50					
				2.5	30.9	17.5			108					
				5	30.7	17.6			288					
			0900	0	30.2	17.3			68					
				2.5	30.2	17.4			104					
				5	30.2	17.3			110					

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 7.8	0.0	11 Nov 70	0900	0	29.8	17.4			114					Howard, 1971
				3.5	29.9	17.3			202					
				8.5	29.8	17.3			802					
			0955	0			101	175						
			1000	0	28.7	17.3			222					
				3.5	29.0	17.3			150					
				8.5	29.1	17.3			584					
+ 7.9	- 0.6		1000	0	29.2	17.3			142					
				3.5	29.1	17.2			164					
				8.5	29.2	17.2			214					
			1005	0			76	170						
+ 7.8	0.0		1100	0	27.9	17.2			92					
				3.5	28.0	17.3			102					
				8.5	28.2	17.2			136					
+ 7.9	- 0.6		1100	0	28.2	17.3								
				2.5	28.4	17.2			110					
				5.0	28.5	17.2			174					
+ 7.8	0.0		1130	0			76	160						
+ 7.9	- 0.6		1135	0			46	160						
			1200	0	27.7	17.1			86					
				2.5	27.7	17.2			160					
				5.0	27.7	17.2			206					

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 7.8	0.0	11 Nov 70	1200	0	27.4	17.2			98					Howard, 1971
				3.5	27.3	17.2			94					
				8.5	27.4	17.2			104					
			1230	0			52	165						
+ 7.9	- 0.6		1235	0			15	240						
+ 7.8	0.0		1300	0	27.4	17.3			68					
				2.5	27.6	17.2			42					
				5.0	27.7	17.2			82					
+ 7.8	0.0		1300	0	27.2	17.2			92					
				3.5	27.3	17.1			110					
				8.5	27.3	17.2			118					
+ 7.9	- 0.6		1315	0			0					low		
+ 7.8	0.0		1330	0			12	350						
+ 7.9	- 0.6		1400	0	27.0	17.6			32					
				3.5	27.5	17.6			76					
				8.5	27.9	17.7			220					
+ 7.9	- 0.6		1400	0	27.2	17.7			20					
				2.5	27.5	17.4			48					
				5.0	27.8	17.4			164					
			1420	0			49	325						

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 7.8	0.0	11 Nov 70	1430	0			64	330						Howard, 1971
			1500	0	28.3	17.6			420					
				3.5	28.4	17.5			120					
				8.5	28.4	17.4			216					
+ 7.9	- 0.6		1500	0	27.7	17.4			80					
				2.5	27.8	17.5			30					
				5.0	27.7	17.5			172					
			1545	0			58	330						
+ 7.8	0.0		1550	0			82	330						
+ 7.9	- 0.6		1600	0	28.6	17.5			76					
				2.5	28.6	17.6			172					
				5.0	28.6	17.5			268					
+ 7.8	0.0		1600	0	28.7	17.4			112					
				3.5	28.7	17.5			254					
				8.5	28.7	17.4			226					
				12.0	28.7	17.5			332					
+ 7.9	- 0.6		1640	0			67	330						
+ 7.8	0.0		1645	0			55	330						
			1700	0	29.5	17.4			78					
				3.5	29.8	17.6			114					
				8.5	29.7	17.7			130					
				12.0	29.8	17.6			202					
+ 7.9	- 0.6		1700	0	29.4	17.7			30					
				2.5	29.6	17.6			106					
				5.0	29.6	17.6			118					

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 7.9	- 0.6	11 Nov 70	1730	0			73	330						Howard, 1971
+ 7.8	0.0		1740	0			55	330						
+ 7.9	- 0.6		1800	0	30.2	17.6			40					
				2.5	30.2	17.8			36					
				5.0	30.2	17.8			36					
+ 7.8	0.0		1800	0	30.7	17.7			32					
				3.5	30.7	17.7			100					
				8.5	30.7	17.8			126					
				12.0	30.7	17.7			124					
+ 7.9	- 0.6		1825	0										
+ 7.8	0.0		1835	0			52	330						
+ 7.9	- 0.6		1845	0			24						flood	
+ 7.8	0.0		1900	0	30.1	17.6			34					
				3.5	30.7	17.7			68					
				8.5	30.9	17.7			120					
				12.0	31.3	17.7			228					
+ 7.9	- 0.6		1900	0	30.2	17.6			18					
				2.5	30.0	17.7			24					
				5.0	30.1	17.7			36					
			1910	0			< 15						flood	
+ 7.8	0.0		1910	0			< 15						flood	

NORTH CHANNEL - LITTLE OGEECHEE - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.6	- 0.7	13 Dec 70	----	0	30	r	14							Stickney, 1972
		13 Jan 71	----	0	25	r	11							
		15 Feb 71	----	0	23	r	10							
-10.9	- 0.4	16 Mar 71	1740	0	30.7		15.1							Dörjes, 1975
				5.5	33.9		13.3							
				11	33.9		13.4							
-12.1	+ 3.7		1820	0	30.5		15.4							
				6.5	34.4		13.2							
				13	34.6		13.5							
- 9.7	+ 1.9		1855	0	31.2		14.8							
				4.5	34.9		13.3							
				9.5	34.9		13.6							
- 9.0	+ 3.3		2030	0	32.5		15.3							
				6	35.0		13.3							
				12	35.2		13.4							
- 8.0	+ 4.8		2120	0	32.4		15.4							
				6	34.9		13.4							
				12.5	35.3		13.5							
- 8.0	+ 2.0		2200	0	33.3		15.4							
				5.5	35.0		13.4							
				11	35.3		13.2							

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
- 6.7	+ 1.2	16 Mar 71	2235	0	33.2	15.2								Dörjes, 1975
				3	33.9	14.0								
				6.5	34.2	13.8								
+ 6.6	- 0.7	27 Mar 71	----	0	28	r	14							Stickney, 1972
		19 Apr 71	----	0	21	r	20							
- 5.6	- 0.6	22 Apr 71	1745	0	32.1	19.0								Dörjes, 1975
				4.5	33.8	17.1								
				9	33.8	16.5								
- 4.8	+ 0.6	23 Apr 71	0725	0	32.6	18.1								
				3	33.0	17.5								
				6	33.1	17.3								
- 5.1	- 0.1		0800	0	32.6	17.9								
				3	33.1	17.2								
				6.5	33.1	17.2								
- 5.3	- 0.3		0825	0	33.1	17.5								
				2.5	33.2	17.3								
				5.5	33.2	17.0								
- 5.6	- 0.6		1000	0	32.5	18.1								
				3	32.5	18.1								
				6	32.7	18.0								
+ 6.6	- 0.7	25 May 71	----	0	24	r	26							Stickney, 1972
		23 Jun 71	----	0	25	r	28							

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.7	- 0.8	30 Jun 71	0300	0	17.0r	28.8					5.3	7.6	ebb	Windom & Stickney, 1972
+ 7.8	- 1.2			0	24.0r	28.5						5.6	7.2	
+ 6.7	- 0.8		0500	0	25.0r	28.7			18		5.0	7.5	low	
+ 7.8	- 1.2			0	24.0r	28.6			34			5.5	7.5	
+ 6.6	- 0.7	6 Jul 71	----	0	29 r	29								Stickney, 1972
+ 6.7	- 0.8		0700	0	25.0r	28.0					5.2	7.0	ebb	Windom & Stickney, 1972
+ 7.8	- 1.2			0	25.0r	28.0						5.0	7.3	
+ 6.7	- 0.8		0900	0	27.0r	28.2					5.6	7.7	ebb	
+ 7.8	- 1.2			0	26.0r	27.0						5.4	7.6	
+ 6.7	- 0.8		1100	0	25.5r	29.0			24		5.1	7.6	low	
+ 7.8	- 1.2			0		29.0			30			5.6	8.1	
+ 6.7	- 0.8		1300	0	22.0r	28.5					5.5	7.4	flood	
+ 7.8	- 1.2			0	20.0r	27.9						5.6	7.4	
+ 6.7	- 0.8		1500	0	26.0r	28.5					5.6	7.6	flood	
+ 7.8	- 1.2			0	25.0r	27.9						6.0	7.8	
+ 6.7	- 0.8		1700	0	27.0r	29.5			45		5.6	7.9	high	
+ 7.8	- 1.2			0		29.5			41			6.1	7.9	
+ 6.7	- 0.8		1900	0	28.0r	28.3					6.4	7.7	ebb	
+ 7.8	- 1.2			0	28.0r	28.3						6.4	7.8	

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.7	- 0.8	29 Jun 71	0700	0	24.0r	29.0					5.0	7.4	flood	Windom & Stickney, 1972
+ 7.8	- 1.2			0	20.0r	28.0						5.3	7.2	
+ 6.7	- 0.8		0900	0	24.0r	29.5					5.4	7.5	flood	
+ 7.8	- 1.2			0	23.0r	28.5						5.5	7.5	
+ 6.7	- 0.8		1100	0	25.5r	29.7			28		5.8	7.7	high	
+ 7.8	- 1.2			0	23.0r	29.4			24			5.7	7.6	
+ 6.7	- 0.8		1300	0	25.0r	29.9					6.0	7.7	ebb	
+ 7.8	- 1.2			0	25.5r	29.5						5.6	7.6	
+ 6.7	- 0.8		1500	0	25.0r	29.6					5.6	7.6	ebb	
+ 7.8	- 1.2			0	25.0r	30.5						7.5	7.7	
+ 6.7	- 0.8		1700	0	25.5r	29.6			25		5.9	7.5	low	
+ 7.8	- 1.2			0	24.5r	29.9			33			5.6	7.7	low
+ 6.7	- 0.8		1900	0	24.0r	28.9					6.6	7.7	flood	
+ 7.8	- 1.2			0	20.0r	29.4						6.3	7.4	flood
+ 6.7	- 0.8		2100	0	23.5r	28.8					5.4	7.3	flood	
+ 7.8	- 1.2			0	21.0r	28.7						5.5	7.4	flood
+ 6.7	- 0.8		2300	0	25.0r	28.6			41		5.4	7.7	high	
+ 7.8	- 1.2			0	25.5r	29.0			23			5.6	7.5	high
+ 6.7	- 0.8	30 Jun 71	0100	0	26.5r	28.9					4.3	7.2	ebb	
+ 7.8	- 1.2			0	25.0r	28.6						4.2	7.5	ebb

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+ 6.7	- 0.8	6 Jul 71	2100	0	29.0r	28.0					6.4	7.8	ebb	Windom & Stickney, 1972	
+ 7.8	- 1.2			0	28.0r	28.2						5.9	7.8		ebb
+ 6.7	- 0.8		2300	0	27.0r	28.0			83		5.6	7.6	low		
+ 7.8	- 1.2			0	24.0r	28.1			130			4.7	7.5		low
+ 6.7	- 0.8	7 Jul 71	0100	0	25.0r	27.8					4.6	7.5	flood		
+ 7.8	- 1.2			0	24.0r	27.9						4.4	7.6		flood
+ 6.7	- 0.8		0300	0	25.0r	27.8					4.3	7.3	flood		
+ 7.8	- 1.2			0	24.0r	27.9						4.4	7.3		flood
+ 6.7	- 0.8		0500	0	23.0r	28.0			41		5.3	7.3	ebb		
+ 7.8	- 1.2			0	26.0r	27.8			63			5.1	7.7		high
+ 6.7	- 0.8	9 Jul 71	0700	0	26.0r	28.5			32		5.1	7.7	high		
+ 7.8	- 1.2			0	25.0r	28.0			35			5.1	7.4	high	
+ 6.7	- 0.8		0900	0	26.0r	29.0					5.5	7.2	ebb		
+ 7.8	- 1.2			0	25.0r	29.0						5.6	7.7	ebb	
+ 6.7	- 0.8		1100	0	27.0r	30.0					5.6	7.2	ebb		
+ 7.8	- 1.2			0	26.0r	30.0						5.0	7.6	ebb	
+ 6.7	- 0.8		1300	0	25.5r	28.5			28		4.8	7.3	low		
+ 7.8	- 1.2			0	26.0r	29.0			14			5.4	7.6	low	
+ 6.7	- 0.8		1500	0	22.0r	30.0					5.4	7.6	flood		
+ 7.8	- 1.2			0	25.0r	30.0						4.9	7.5	flood	

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.7	- 0.8	9 Jul 71	1700	0	23.5r	29.5					5.4	7.5	flood	Windom & Stickney, 1972
+ 7.8	- 1.2			0	18.0r	29.5					5.9	7.5	flood	
+ 6.7	- 0.8		1900	0	27.0r	29.6			33		7.3	8.0	high	
+ 7.8	- 1.2			0	25.0r	29.7			72		6.3	7.8	high	
+ 6.7	- 0.8		2100	0	28.0r	28.8					6.7	8.0	ebb	
+ 7.8	- 1.2			0	25.6r	29.3					5.9	6.9	ebb	
+ 6.7	- 0.8		2300	0	29.0r	28.8					6.5	7.8	ebb	
+ 7.8	- 1.2			0	26.0r	29.0					6.2	7.8	ebb	
+ 6.7	- 0.8	10 Jul 71	0100	0	26.5r	28.7					5.9	7.8	ebb	
+ 7.8	- 1.2			0	28.0r	28.6					5.9	7.8	ebb	
+ 6.7	- 0.8		0300	0	24.0r	28.4			50		3.9	7.4	low	
+ 7.8	- 1.2			0	22.0r	27.7			16		5.0	7.5	low	
+ 6.7	- 0.8		0500	0	23.0r	28.3					4.2	7.5	flood	
+ 7.8	- 1.2			0	20.0r	28.3					4.8	7.5	flood	
+ 6.6	- 0.7	13 Jul 71	----	0	26 r	27								Stickney, 1972
+ 6.7	- 0.8		0700	0	23.0r	28.5					4.2	7.2	flood	Windom & Stickney, 1972
+ 7.8	- 1.2			0	18.5r	28.0					4.6	7.4	flood	
+ 6.7	- 0.8		0900	0	26.5r	29.0					4.9	7.6	flood	
+ 7.8	- 1.2			0	25.0r	29.0					4.8	7.6	flood	
+ 6.7	- 0.8		1100	0	26.0r	29.0			45		3.7	7.7	high	
+ 7.8	- 1.2			0	27.0r	29.0			48		5.7	7.7	high	

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.7	- 0.8	13 Jul 71	1300	0	26.5r	29.7					6.5	7.7	ebb	Windom & Stickney, 1972
+ 7.8	- 1.2			0	26.0r	30.2						6.7	7.9	
+ 6.7	- 0.8		1500	0	27.0r	30.2					5.9	7.9	ebb	
+ 7.8	- 1.2			0	26.5r	30.4						7.0	7.9	
+ 6.7	- 0.8		1700	0	25.0r	29.5			79		5.2	7.7	low	
+ 7.8	- 1.2			0	25.0r	29.8			57			5.3	7.8	
+ 6.7	- 0.8		1900	0	24.0r	29.3					4.9	7.3	flood	
+ 7.8	- 1.2			0	20.0r	29.7						5.7	7.5	
+ 6.7	- 0.8		2100	0	25.0r	29.4					3.8	7.4	flood	
+ 7.8	- 1.2			0	25.0r	29.5						4.7	7.6	
+ 6.7	- 0.8		2300	0	26.0r	29.1			32		5.5	7.5	high	
+ 7.8	- 1.2			0	22.5r	29.4			38			5.7	7.6	
+ 6.7	- 0.8	14 Jul 71	0100	0	27.0r	29.0					6.0	7.8	ebb	
+ 7.8	- 1.2			0	27.0r	28.9						6.0	7.6	ebb
+ 6.7	- 0.8		0300	0	27.0r	29.0					5.1	7.7	ebb	
+ 7.8	- 1.2			0	26.0r	29.1						4.9	7.8	ebb
+ 6.7	- 0.8		0500	0	26.0r	29.1			106		5.1	7.5	low	
+ 7.8	- 1.2			0	24.5r	29.1			81			4.5	7.7	low

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.6	- 0.7	21 Jul 71	----	0	24 r	31								Stickney, 1972
+ 6.7	- 0.8		0700		25.0r	29.0			42		5.5	7.75	high	Windom & Stickney, 1972
+ 7.8	- 1.2				24.0r	29.5			44		5.5	7.8	high	
+ 6.7	- 0.8		0900		26.0r	29.5					5.6	7.8	ebb	
+ 7.8	- 1.2				25.0r	29.5					5.6	7.8	ebb	
+ 6.7	- 0.8		1100		24.0r	31.0					5.5	7.2	ebb	
+ 7.8	- 1.2				24.0r	30.0					5.4	7.6	ebb	
+ 6.7	- 0.8		1300		24.0r	30.0			53		5.7	7.6	low	
+ 7.8	- 1.2				18.0r	30.0			33		6.0	7.8	low	
+ 6.7	- 0.8		1500		22.0r	30.5					5.9	6.8	flood	
+ 7.8	- 1.2				16.0r	30.5					6.2	7.8	flood	
+ 6.7	- 0.8		1700		25.0r	29.0					6.5	6.9	flood	
+ 7.8	- 1.2				25.0r	29.0					6.4	7.5	flood	
+ 6.7	- 0.8		1900		25.0r	28.0			25		6.2	7.0	high	
+ 7.8	- 1.2				25.0r	28.1			33		6.1	7.9	high	
+ 6.7	- 0.8		2100		25.0r	27.0					6.3	7.7	ebb	
+ 7.8	- 1.2				25.0r	28.0					7.8	7.0	ebb	
+ 6.7	- 0.8		2300		26.0r	27.0					6.1	7.8	ebb	
+ 7.8	1.2				26.0r	28.0					6.5	7.6	ebb	

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+ 6.7	- 0.8	22 Jul 71	0100		22.0r	28.0			70		4.9	7.6	low	Windom & Stickney, 1972	
+ 7.8	- 1.2				20.0r	28.0			44		5.2	7.4	low		
+ 6.7	- 0.8		0300		21.0r	28.0					5.0	7.5	flood		
+ 7.8	- 1.2				18.0r	28.0					5.3	7.3	flood		
+ 6.7	- 0.8		0500		25.0r	28.0					5.2	7.6	flood		
+ 7.8	- 1.2				21.0r	28.0					5.0	7.5	flood		
+ 6.6	- 0.7	12 Aug 71	----	0	25 r	34								Stickney, 1972	
		16 Sep 71	----	0	15 r	28									
		12 Oct 71	----	0	24 r	23									
		12 Nov 71	----	0	22 r	17									
		Dec 71	----	0	22 r	16									
- 6.2	+ 0.1	27 Jan 72	2015	0	30.9	12.4	72	120					ebb	Greer, 1975	
				1	31.1	12.4	62	125							
				3	31.3	12.6	36	120							
				5	31.5	12.5	31	120							
			2115	0	28.4	12.7	72	125							ebb
				1	29.6	12.7	72	120							
				3	30.3	12.6	51	115							
				5	30.6	12.6	51	105							
			2215	0	27.8	12.7	3	130							ebb
				2	28.2	12.5	5	130							
				4	29.7	12.6	28	105							
			2315	0	23.6	12.4	3	160							ebb
		2		26.9	12.7	3	170								
		4		27.9	12.8	3	210								

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
- 6.2	+ 0.1	28 Jan 72	0015	0	24.0	12.7	1	210					flood	Greer, 1975
				2	27.8	12.7	1	265						
				4	28.5	12.7	3	290						
			0115	0	27.1	12.6	1	280			flood			
				2	29.4	12.6	2	285						
				4	29.7	12.8	3	290						
			0215	0	29.3	12.6	3	310			flood			
				1	31.1	12.6	1	295						
				3	32.0	12.6	1	300						
				5	32.0	12.6	1	295						
			0315	0	29.1	12.4	5	315			flood			
				1	31.6	12.7	5	310						
				3	32.3	12.8	8	300						
				5	32.7	12.8	5	300						
			0415	0	29.9	12.6	46	315			flood'			
				2	32.7	12.8	33	300						
				4	33.0	12.8	31	310						
				6	33.1	12.9	21	310						
			0515	0	28.9	12.4	36	300			flood			
				2	32.8	13.1	15	330						
				4	33.1	13.1	10	290						
				6	33.1	12.9	8	300						

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
- 6.2	+ 0.1	28 Jan 72	0615	0	32.9	13.0	3	040					ebb	Greer, 1975
				2	32.9	13.0	3	100						
				4	33.1	13.0	3	130						
				6	33.5	13.5	10	140						
			0715	0	29.8	12.4	21	90		ebb				
				2	32.0	12.8	41	135						
				4	32.5	12.8	31	125						
				6	33.1	12.9	13	050						
			0815	0	27.9	12.8	26	110		ebb				
				1.5	30.7	12.8	49	110						
				3.5	31.5	12.8	40	110						
				5.5	32.7	12.9	28	090						
		0915	0	28.0	13.1	93	120		flood					
			1	29.2	12.9	72	120							
			3	31.8	12.9	67	100							
			5	32.5	12.9	51	100							
		24 Feb 72	1655					5	35		ebb			
								31	75					
								41	85					
								41	100					
			2055						26	90		ebb		
								26	80					
								15	280					
								5	260					
2255									flood					
	2355													

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
- 6.2	+ 0.1	25 Feb 72	0055				36	250					flood	Greer, 1975	
			0155				41	260							
			0255				41	265							
			0355				36	275							
			0455				15	275							
			0655				21	100							ebb
+ 0.1	+ 0.3	28 Feb 72	2210	B			93	100					ebb		
			2310				118	110							
		29 Feb 72	0010				118	115							ebb
			0110				108	105							
			0210				72	100							
			0310				15	125							
			0410				62	310					flood		
			0510				51	300							
			0610				77	290							
			0710				57								
			0810				36								
0910				21											
1110				0											
- 3.4	+ 0.1	20 Apr 72	1030	0	27.2	27.8	36	300					flood		
				2	28.7	21.0	32	300							
				5	28.2	21.1	30	315							
			1130	0	29.2	21.2	26	045				flood			
				2	29.3	21.1	31	120							
				4	29.0	20.9	26	315							
						6	29.1	21.0	21	180					

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
- 3.4	+ 0.1	20 Apr 72	1230	0	29.5	21.0	26	300					flood	Greer, 1975
				2	29.5	21.0	28	270						
				4	29.5	21.0	23	300						
				6	29.5	21.1	18	270						
			1350	0	29.6	21.4	27	300					flood	
				2	29.7	21.4	23	270						
				4	29.5	21.0	21	300						
				6	29.6	21.1	21	270						
			1430	0	29.6	21.5	28	300					flood	
				2	29.6	21.2	28	315						
				4	29.5	21.4	26	315						
				5.5	29.7	21.1	31	315						
			1530	0	28.8	22.0	41						flood	
				2	28.9	21.7	33	360						
				5	29.4	21.5	28	270						
			1630	0	28.0	22.4	51	045					flood	
				2	28.2	22.1	44	045						
				4	28.5	22.0	26	045						
			1730	0	28.0	22.0	31	045					flood	
				2	27.8	22.2	35	045						
				4	28.0	22.3	31	045						
			1830	0	27.5	22.1	21	045					flood	
				2	27.7	22.0	23	045						
				4	27.8	22.1	28	075						

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
- 3.4	+ 0.1	20 Apr 72	2000	0	23.1	23.1	26	225						Greer, 1975
				4	27.3	22.1	23							
			2030	0	24.4	22.4	5							
+ 0.3	+ 0.2	8 May 72	0935	0	28.2	22.4	41	130					ebb ebb	
				2	28.0	22.5	46	140						
				4	28.6	22.4	36	150						
				6	29.0	22.3	22	150						
				7	28.8	22.7	10	180						
			1035	0	27.1	22.5	8	310						
				2	27.8	22.6	13	290						
				4	28.2	22.4	15	270						
				6	28.3	22.5	18	310						
				7	28.5	22.6	10	310						
			1135	0	28.1	22.6	67	335						
				2	28.8	22.4	57	325						
				4	29.4	22.7	51	320						
				6	29.3	22.2	41	300						
			1235	0	29.0	22.5	62	310						
				2	29.2	22.4	57	320						
				4	29.5	22.3	57	330						
				6	29.8	22.3	57	315						
				7	29.8	22.4	51	325						

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 0.3	+ 0.2	8 May 72	1335	0	30.0	22.3	51	320						Greer, 1975
				2	29.9	22.4	51	300						
				4	30.1	22.3	57	300						
				6	30.5	22.3	62	330						
				8	30.4	22.2	49	345						
			1435	0	30.4	22.2	39	310						
				2	30.4	22.2	41	320						
				4	30.4	22.2	39	300						
				6	30.6	22.3	41	320						
				8	30.7	22.3	41	340						
			1535	0	30.8	22.1	13	290						
				2	30.8	22.3	23	320						
				4	30.8	22.2	18	315						
				6	30.8	22.1	18	320						
				8	30.7	22.2	21	290						
			1630	0	30.6	22.2	18	135						
				4	30.5	22.2	28	130						
				8	30.5	22.2	26	130						
			1730	0	30.1	22.1	82	180						
				2	30.3	22.4	82	175						
				4	30.5	22.2	72	165						
				6	30.3	22.2	72	180						
				8	30.5	22.2	62	160						

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE				
+ 0.3	+ 0.2	8 May 72	1830	0	29.0	22.2	93	140						Greer, 1975				
				2	29.4	22.2	93	140										
				4	29.6	22.4	77	170										
				6	29.5	22.4	64	165										
				8	29.8	22.4	62	140										
			1930	0	28.3	22.6	98	145								ebb		
				2	28.5	22.5	82	150										
				4	28.8	22.5	82	170										
				6	28.8	22.5	82	160										
				8	29.1	22.5	72	175										
			2030	0	28.4	22.2	82	165									ebb	
				2	28.4	22.4	77	160										
				4	28.6	22.5	67	165										
				6	28.3	22.5	62	170										
				7	28.4	22.6	46	180										
			2130	0	27.5	22.5	62	145										
				2	27.6	22.5	57	180										
				4	27.9	22.5	46	170										
				6	28.2	22.5	26	180										
				7	28.3	22.5	5	245										
2230	0	27.3	22.4	27	175													
	2	27.1	22.6	27	170													
	4	27.4	22.4	31	180													
	6	27.6	22.6	21	135													
	7	27.7	22.7	0	120													

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 5.7	0.0	9 May 72	0015	0	21.2	22.3	62	320					flood	Greer, 1975
				2	25.2	22.6	59	295						
				4	25.4	22.4	51	290						
				6	25.4	22.7	26	345						
			0115	0	26.6	22.2	26	285						
				2	26.5	22.4	51	310						
				4	26.7	22.7	57	305						
				6	26.6	22.4	51	305						
			0215	0	27.0	22.2	62	305						
				2	27.6	22.4	62	290						
				4	27.6	22.1	54	290						
				6	27.8	22.0	26	300						
			0315	0	26.7	22.1	21	330						
				2	26.9	22.2	39	300						
				4	26.8	22.1	39	300						
				6	27.0	21.9	36	305						
				8	26.7	22.0	32	300						
			0415	0	26.8	21.9	5	var						
				2	27.4	22.1	10	340						
				4	26.9	21.9	10	330						
				6	27.4	22.1	8	340						
				8	27.1	22.1	3	340						
			0600	0	27.4	22.1	93	75			ebb			
				2	27.4	22.1	77	95						
				4	27.4	22.1	62	80						
				6	27.7	22.2	46	80						

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+ 5.7	0.0	9 May 72	0700	0	27.4	22.1	87	90						Greer, 1975		
				3	27.3	22.1	77	90								
				5	27.7	22.0	67	70								
				7	27.8	22.1	46	70								
			0800	0	25.9	22.4	170	25							ebb	
				3	25.8	22.4	67	70								
				5	25.7	22.4	62	75								
				7			72	180								
			0900	0	24.9	22.6	159	330								
				3	25.0	22.5	62	335								
				5	25.2	22.6	46	335								
				7	25.4	22.5	23	330								
			1000	0	24.2	22.8	62	225								
				2	24.3	22.7	51	220								
				4	25.4	22.5	26	080							ebb ebb	
				6	25.5	22.5	10	080								
			1100	0	23.9	23.1	21	95								
				2	25.2	22.7		170								
				4.5	25.5	22.7		160								
				5.5	25.5	22.6		325								
				6	25.8	22.5		125								
			1200	0	24.3	23.2	25	300								
				2	24.3	23.1	46	315								
				4	24.6	23.3	44	295								
				6	25.0	23.2	35	280								

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+ 5.7	0.0	9 May 72	1300	0	25.8	23.1	41	280						Greer, 1975		
				2	26.0	22.9	31	280								
				4	25.9	22.9	28	290								
				6	25.9	23.2	59	280								
+ 5.4	+1.1		1430	0	27.8	23.4	93	320					flood			
				2	28.2	22.9	93	310								
				4	28.2	22.9	82	310								
				6	28.2	22.8	77	300								
			1530	8	28.3	23.1	77	310								
				0	29.2	23.1	82	320								
				3	29.4	22.6	67	320								
				5	29.3	22.7	77	305								
			1630	7	29.5	23.0	72	295								
				0	28.7	23.0	39	310								
				2	29.2	23.0	62	325								
				4	30.5	22.6	46	310								
			1730	6	30.6	22.5	43	305								
				7.5	30.7	22.5	43	305								
				0	29.3	23.1	10	355								
				2	30.1	22.8	11	280								
1830	4	30.7	22.5	20	300											
	6	30.7	22.7	17	335											
	7	30.6	22.7	8	340											
	0	29.1	23.1	57	125											
				2	30.1	27.6	38	120								
				4	30.7	22.5	39	120								
				6	30.6	22.5	35	135								
				7	30.7	22.5	27	120								

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+ 5.4	+ 1.1	9 May 72	1930	0	28.1	23.5	72	140						Greer, 1975	
				2	28.5	23.4	77	125							
				4	28.7	23.1	62	135							
				6	29.4	22.9	46	125							
			2030	0	27.2	23.3	67	140							
				2	27.2	23.5	62	130							
				4	27.7	23.4	42	130							
				6	27.7	23.2	31	140							
			2130	0	26.5	23.7	50	130							
				2	26.7	23.4	51	135							
				4	26.9	23.2	41	130							
				6	27.1	23.1	23	150							
			2230	0	25.6	23.4	27	140							
				2	26.2	23.2	12	160							
				4	26.6	23.3	5	200							
				6	26.8	23.3	5	230							
		2330	0	25.3	23.5	7	130								
			2	25.7	23.2	5	50								
			4	26.2	23.2	5	350			flood					
			6	26.4	23.3	12	290								
		10 May 72	0030	0	25.7	23.1	39	315							flood
				2.5	25.9	23.2	45	315							
				5	26.6	23.3	44	305							
				7	26.8	23.2	26	330							

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+14.3	0.0	16 May 73	1048	3.5	16.0	23.8								Scope, 1973
				4.5	16.1	23.7								
				6	16.1	23.7								
				7.5	16.2	23.7								
+10.2	0.0		1100	0	18.2	23.8								
				1	18.3	23.6								
				2	18.5	23.6								
				2.5	18.5	23.6								
				3.5	18.5	23.6								
				4.5	18.5	23.6								
				6	18.6	23.5								
				7.5	18.9	23.5								
+ 7.4	- 0.1		1123	0	19.9	23.8								
				1	20.1	23.9								
				2	20.0	23.8								
				2.5	20.2	23.8								
				3.5	19.8	23.8								
				4.5	20.0	23.8								
				6	20.0	23.8								
+ 5.5	0.0		1139	0	20.1	23.9								
				1	20.2	23.7								
				2	20.5	23.6								
				2.5	21.0	23.5								
				3.5	21.2	23.5								
				4.5	21.2	23.5								
				6	21.2	23.5								
				7.5	21.2	23.5								
9	21.5	23.6												

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+0.8	+0.1	21 May 73	1115	3.5	26.3	23.0								Scope, 1973
				4.5	26.1	23.0								
				6	27.9	22.5								
				7.5	29.2	21.9								
				9	29.6	21.5								
				10.5	29.8	21.5								
+5.4	0.0		1152	0	22.8	23.2								
				1	23.3	22.7								
				2	23.9	22.5								
				2.5(30°)	23.9	22.6								
				3.5	24.6	22.9								
				4.5	24.2	22.7								
				6	24.4	22.6								
				7.5(40°)	25.2	22.2								
				9	25.7	22.3								
				10.5	25.8	22.0								
+7.3	-1.0		1225	0	22.6	23.7								
				1	22.3	23.1								
				2	22.5	23.4								
				2.5	22.9	23.2								
				3.5	23.2	23.2								
+7.3	-0.1		1242	0	22.3	23.1								
				1	22.3	23.1								
				2(30°)	22.3	22.9								
				2.5	22.3	23.0								
				3.5(40°)	22.2	22.8								
				4.5	22.4	22.9								
				6	22.5	22.9								
7.5(40°)	22.5	22.9												

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+5.0	+1.0	22 May 73	0830	0	23.2	22.9								Scope, 1973
				1	23.2	22.6								
				2	24.3	22.5								
				2.5(15°)	24.4	22.4								
				3.5	24.8	22.7								
				4.5(30°)	24.8	22.8								
				6	24.8	22.8								
				7.5	25.3	22.5								
				9(40°)	25.9	22.4								
				10.5	25.3	22.5								
				12(50°)	25.6	22.6								
		29 May 73	1020	0	22.7	26.5								
				1	22.8	26.5								
				2	22.8	26.5								
				2.5	22.8	26.5								
				3.5	22.8	26.5								
				4.5	22.9	26.5								
				6	22.9	26.6								
				7.5	23.1	26.6								
				9	23.1	26.5								
-2.1	+0.5	4 Jun 75	0627	0	30.7	24.7								Jaffe, 1975
-8.1	+1.5		0647	0	30.9	24.2								
-8.7	+1.6	1 Jul 75	1216	0	34.8	27.2								
-5.3	-5.7		1226	0	33.2	27.5								
+0.3	+3.9		1238	0	33.5	27.3								
+6.7	-0.2	24 Jul 75	1648	0	25.5	27.3					5.6		flood	Kendall, 1976
				5.5	25.5	27.2					5.5			

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+11.4	---	24 Jul 75	1648	0	22.0	27.3					6.2		flood	Kendall,1976
				17.5	23.7	27.3					5.3			
+15.1	---			0	19.5	27.2					5.7		flood	
				7.5	19.8	27.0					5.4			
+19.8	---			0	15.8	26.0					5.8		flood	
				8.5	15.8	25.5					5.2			
+28.1	---			0	11.6	25.5					4.2		flood	
				3.5	12.5	25.0					4.1			
+ 6.7	- 0.2	29 Oct 75	1330	0	29.5	22.5					6.2	7.9	flood	
				5.5	29.5	22.4					6.0	7.9		
+11.4	---			0	28.4	22.2					6.1	7.7	flood	
				17.5	29.0	22.2					5.8	7.9		
+15.1	---			0	26.2	23.0					5.8	7.6	flood	
				7.5	26.5	22.9					5.8	7.5		
+19.8	---			0	23.5	22.5					5.4	7.4	flood	
				8.5	25.5	22.5					5.3	7.2		
+28.1	---			0	13.0	22.0					5.0	7.2	flood	
				3.5	14.0	21.8					4.9	7.2		
+ 6.7	- 0.2	17 Feb 76	1000	0	23.1	15.8					7.4	7.9	flood	
				5.5	26.5	15.0					7.2			

NORTH CHANNEL - LITTLE OGEECHEE RIVER - FOREST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+11.4	---	17 Feb 76	1000	0	20.5	16.0					7.0	7.7	flood	Kendall,1976
				17.5	24.1	15.7					6.9			
+15.1	---			0	21.0	16.2					7.0	7.7	flood	
				7.5	21.1	16.0					6.8			
+19.8	---			0	17.1	16.8					6.9	7.6	flood	
				8.5	18.0	16.2					6.6			
+28.1	---			0	8.5	17.0					7.8	7.2	flood	
				3.5	8.5	16.5					7.5			

ODINGSSELL RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+1.8	0.0	16 May 73	1157	0	24.2	23.6								Scope, 1973	
				1	24.2	23.4									
				2	24.4	23.2									
				2.5	24.4	23.2									
				3.5	24.5	23.2									
				4.5	24.8	23.0									
				6	25.0	23.0									
				7.5	25.2	22.9									
				9	25.8	22.7									
				10.5	26.5	22.4									
		21 May 73	1045	0	26.5	22.9									
				1	26.3	22.9									
				2	26.6	22.6									
				2.5	26.9	22.6									
				3.5(20 ⁰)	28.6	21.7									
				4.5	29.9	21.7									
				6	29.8	21.5									
				7.5	29.8	21.5									

VERNON RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+13.8	-0.1	16 May 73	1001	0	16.2	24.1								Scope, 1973
				1	16.4	24.0								
				2	16.4	23.9								
				2.5	16.4	23.9								
				3.5	16.4	23.9								
				4.5	16.4	23.9								
+11.0	0.0		1012	0	17.4	24.1								
				1	17.1	23.8								
				2	17.9	23.7								
				2.5	17.9	23.7								
				3.5	17.8	23.7								
				4.5	17.7	23.7								
				6	17.9	23.6								
7.5	18.0	23.6												

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE			
+ 6.5	+0.3	11 Nov 70	1800	0	29.8	17.6			24					Howard, 1971			
				2.5	30.0	17.7			28								
				4.5	29.5	17.7			36								
						1815	0			49	310						
						1900	0	29.6	17.7	<15		16				fld.	
				2.5	30.0		17.7		28								
				4.5	30.3		17.7		36								
			+ 6.2	+0.6	13 Dec 70	----	0	29	r 13								Stickney, 1972
					13 Jan 71	----	0	18	r 12								
+51.6	0.0	8 Feb 71	1920	0	0	10.9								Dörjes, 1975			
				5.5	0	11.0											
				10.5	0	11.0											
+50.4	0.0		1940	0	0	10.7											
				2.5	0	10.8											
				5.5	0	10.8											
+49.2	0.0		2010	0	0	10.7											
				4	0	10.7											
				7.5	0	10.7											
+47.5	0.0		2035	0	0	10.6											
				3.5	0	10.7											
				6.5	0	10.7											

BURNSIDE RIVER - SKIDAWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+14.4	0.0	16 May 73	0927	0	16.5	24.0								Scope, 1973
				1	16.0	24.0								
				2	16.1	24.0								
				2.5	16.2	24.0								
				3.5	16.3	24.1								
				4.5	16.2	24.1								

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+54.5	---	22 Sep 67	1305	0	0.7	25.8								Marland, 1967
+53	---		1315	0	2.4	26.5								
				B	2.4	26.3								
+50	---		1320	0	2.4	26.5								
+48	---		1330	0	2.4	26.6								
				B		26.3								
+31	---		1340	0	1.7	26.5								
				B	1.6	26.3								
+21	---		1345	0	1.5	26.0								
				B	1.7	26.7								
+20	---		1355	0	5.5	26.4								
				B	5.8	26.3								
+17	---		1400	0	8.3	26.2								
				B	12.3	26.1								
+14	---		1410	0	9.0	26.0								
				B	11.5	26.0								
+13	---		1420	0	9.7	26.0								
				B	9.9	26.2								
+11.5	---		1430	0	17.0	27.0								
				B	18.3	26.8								

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+51.6	0.0	7 Oct 69	--	2			9	120						Howard, 1971
+50.4	0.0		--	4.5			23	010						
+49.2	0.0		--	5.5			33	215						
+47.5	0.0		--	6.5			41	095						
+44.8	0.0		--	7.5			33	190						
+43.2	0.0		--	7			40	030						
+41.7	0.0		--	7.5			44	135						
+39.3	0.0		--	7.5			42	130						
+37.4	0.0		--	8			48	015						
+36.5	0.0		--	10.5			33	355						
+35.8	0.0		--	8.5			21	355						
+34.1	0.0		--	6.5			23	030						
+33.0	0.0		--	12.5			13	290						
+32.5	-0.1		--	6.5			13	115						
+31.0	0.0		--	8			32	090						
+28.3	0.0		--	10.5			39	340						
+28.3	0.0	7 Oct 69	2100	10.5			49	306						
			2200				49	306						
			2300				13	306						
			2400				10	306						
+28.3	0.0	8 Oct 69	0100				7	306						
			0200				< 3	330						
			0300				5	050						
			0400				3	075						
			0500				< 3	081						
			0600				< 3	086						
			0620				< 3	086						

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+26.4	- 0.1	8 Oct 69	----	7.5			3	030						Howard, 1971	
+24.3	- 0.1		----	9			3	055							
+22.1	+ 0.1		----	9.5			2	170							
+20.5	0.0		----	10.5			2	155							
+19.4	- 0.1		----	5			3	170							
+17.8	- 0.1		----	6.5			47	145							
+16.5	- 0.1		----	10			47	325							
+38.4	0.0	17 Aug 70	0915	0	1.5	29.0				51s	5.4	6.3		Howard, 1975	
				2	1.5	28.3						5.1			
				4	1.5	28.2						5.1			
				6	1.5	28.2						5.5	6.4		
				8	1.6	28.2						4.6			
				9	1.6	28.2						4.4			
+38.4	- 0.2		0950	0	1.8	29.1				43s	5.5	6.2			
				1.5	1.7	28.6						5.1	6.4		
+38.4	- 0.3		1005	0	1.7	28.2				46s	5.9	6.4			
				2	1.7	28.7						4.6	6.3		
+38.4	0.0		1030	0	1.7	30				74s	4.4	6.2			
				2	1.7	29						3.9			
				4	1.6	28.7						4.4			
				6	1.7	28.5						4.6			
				8	1.7	28.4						4.4	6.3		
				9	1.7	28.3						4.2			

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+38.4	- 0.2	17 Aug 70	1045	0	1.7	29.0				56s	5.5	6.6		Howard, 1975
				1	1.7	28.8						4.6		
+38.4	- 0.3		1055	0	1.6	29.5				64s	6.0	6.4		
				2	1.7	29.0						4.6	6.5	
+38.4	0.0		1127	0	1.5	29.9				71s	3.9	6.4		
				2	1.6	29						4.2		
				4	1.6	28.8						4.2		
				6	1.6	28.8						4.0	6.3	
				8	1.6	28.3						4.2		
				9	1.6	28.3						4.2		
+38.4	- 0.2		1142	0	1.6	29				41s	4.2	6.4		
				1	1.6	28.8						4.2		
+38.4	- 0.3		1151	0	1.6	29				42s	4.6	6.2		
				2	1.6	28.8						4.2	6.4	
+38.4	0.0		1230	0	1.5	30				61s	3.7	6.4		
				2	1.5	29						4.2		
				4	1.6	28.9						4.2		
				6	1.6	28.8						4.2	6.3	
				8	1.6	28.8						4.2	6.2	
+38.4	- 0.2		1243	0	1.5	30.2				58s	4.2	6.2		
+38.4	- 0.3		1251	0	1.4	29.8				48s	4.1	6.3		
				2	1.4	29.2						3.9		

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH.	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+38.4	0.0	17 Aug 70	1328	0	1.4	31.5				55s	3.5	6.2		Howard, 1975	
				2	1.4	29.5					3.9				
				4	1.5	29.0					4.2				
				6	1.4	29.0					4.2	6.5			
				8	1.4	29.0					4.2				
+38.4	- 0.2		1345	0	1.2	30.0				49s	4.6		6.2		
+38.4	- 0.3		1356	0	1.2	29.9					61s	4.4	6.5		
				1.5	1.2	29.6						4.3			
+38.4	0.0		1428	0	.9	30.0						3.5	6.4		
				2	.9	29.5						3.9			
				4	.9	29.0						4.1			
				6	.9	28.8						4.2	5.8		
+38.4	- 0.2		1448	0	.9	29.0						5.5	6.3		
+38.4	- 0.3		1624	0	.6	29.1					33s	5.5	6.1		
+38.4	0.0		1635	0	.5	29.0						4.6			
				2	.5	28.5						4.6			
				4	.4	28.5						4.6			
				6	.4	28.3						4.8	6.0		
				7	.4	28.3						4.6			
+38.4	- 0.3		1727	0	.7	29.5					51s	5.5	6.0		

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+38.4	0.0	17 Aug 70	1738	0	.2	28.8				61s	4.6	6.0		Howard, 1975
				2	.3	28.5				4.5				
				4	.3	28.5				4.4				
				6	.3	28.5				4.4	5.9			
				7.5	.3	28.5				4.4				
+25.1	- 0.1	18 Aug 70	0955	0	2.8	29.3				34s	4.7	6.9		Howard, 1975
				2	3.1	29.2				4.4				
				4	3.2	29.0				4.4				
				6	3.1	29.0				4.4	6.4			
+25.0	- 0.3		1016	0	3.5	29.8				29s				
				1.5	3.5	29.2					6.6			
+25.0	- 0.4		1025	0	3.0	29.8				34s	4.6			
				2	3.4	29.2				4.5	6.6			
+25.1	- 0.1		1052	0	3.2	30.3				34s	4.7	6.3		
				2	3.6	29.8				4.2				
				4	3.8	29.3				4.4				
				6	3.8	29.1				4.4	6.5			
+25.0	- 0.3		1104	0	3.8	29.8				33s	4.6			
				1.5	3.8	29.5				4.4	6.5			
+25.0	- 0.4		1115	0	2.8	30.0				36s	4.7			
				2	3.5	29.6				4.4	6.4			

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+25.1	- 0.1	18 Aug 70	1148	0	2.8	30.1				30s	5.2	6.4		Howard, 1975
				2	3.1	29.8				4.5				
				4	3.4	29.2				4.4				
				6	3.5	29.0				4.3	6.6			
+25.0	- 0.3		1200	0	2.8	30.0			20s	5.15	6.3			
+25.0	- 0.4		1212	0	2.7	30.0			30s	4.4				
				1.5	2.8	29.5				4.4	6.4			
+25.1	- 0.1		1245	0	2.5	30.0			23s	4.8	6.5			
				2	2.5	29.8				4.6				
				4	2.5	29.2				4.6				
				5.5	2.5	29.0				4.5	6.5			
+25.0	- 0.3		1302	0	2.3	30.0			13s	4.4	6.3			
+25.0	- 0.4		1312	0	2.1	29.6			13s	4.5	6.3			
				1.5	2.1	29.3				4.4				
+25.1	- 0.1		1323	2	2.2									
			1328	2	2.2									
			1333	2	2.1									
			1338	2	2.1									
			1343	2	2.1									
			1347	0	2.0	29.2			37s	4.9	6.4			
	2	2.1	29.2				4.8							
	4	2.1	29.2				4.7							
	5	2.1	29.2				4.7	6.3						

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIE	SUSP	TURB	DO	PH	TIDE	SOURCE
+25.0	- 0.3	18 Aug 70	1407	0	1.8	29.8				10s	4.5	6.3		Howard, 1975
+25.0	- 0.4		1423	0	1.8	30.0				11s	4.5	6.1		
				1	1.8	29.8					4.6			
+25.1	- 0.1		1450	0	1.9	30.0				36s	4.8	6.4		
				2	1.9	29.8					4.7			
				4	1.9	29.5					4.7			
				5	1.9	29.5					4.7	6.8		
+25.0	- 0.4		1510	0	1.8	30.0				11s	4.6	6.2		
+25.1	- 0.1		1547	0	1.7	30.0				33s	4.7	6.4		
				2	1.7	30.0					4.7			
				4	1.7	29.8					4.7	6.4		
+25.0	- 0.4		1603	0	1.7	30.0					4.8	6.3		
+25.1	- 0.1		1610	0	1.6	29.5				43s	4.8	6.6		
				2	1.6	29.5					4.8			
				4	1.6	29.4					4.8	6.4		
+25.0	- 0.4		1712	0	1.6	30.0				14s	4.8	6.2		
+25.1	- 0.1		1748	0	1.4	30.0				55s	4.7	6.2		
				2	1.5	29.8					4.7			
				4	1.5	29.5					4.7			
+25.0	- 0.4		1802	0	1.6	29.8				22s	5.0	6.2		

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+25.1	-0.1	18 Aug 70	1838	0	1.5	29.3					4.9			Howard, 1975
				2	1.5	29.2			49s	4.8				
				4	1.5	29.2				4.8	6.2			
+17.2	-0.2	19 Aug 70	0952	0	21.8	29				48s	4.8	7.0		
				2	21.8	29.2				4.6				
				4	22.1	29.2				4.6				
				6	22.4	29.2				4.6				
				8	22.4	29.2				4.6	7.1			
+17.1	-0.4		1010	0	22.4	29				27s	4.6	7.1		
				1.5	22.4	29				4.4	7.1			
+17.1	-0.6		1017	0	22.4	28.9				41s	4.6			
				2	22.4	29.0				4.4				
+17.2	-0.2		1122	0	22	29.8				64s	5.3	7.1		
				2	22.3	29.3				4.6				
				4	22.2	29.2				4.6				
				6	22.3	29.2				4.7				
				8	22.5	29.2				4.4				
+17.1	-0.4		1137	0	21.7	29.2				57s	5.3	7.0		
				1.5	22.2	29.3				4.4				
+17.1	-0.6		1145	0	21.9	29.3				41s	4.5	7.0		
				2	22.5	29.3				4.3				
+17.2	-0.2		1213	0	17	30.8				56s	5.7	7.0		
				2	21.8	30.0				4.7				
				4	22.0	29.5				4.4				

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+17.2	- 0.2	19 Aug 70	1213	6	22.3	29.4					4.5			Howard, 1975
				7	22.3	29.3					4.4	7.1		
+17.1	- 0.4		1230	0	20.8	30				25s	4.7	7.0		
+17.1	- 0.6		1245	0	20.8	29.6				24s	4.6	7.0		
				2	21.1	29.5			4.5					
+17.2	- 0.2		1328	0	12.4	30.0					5.7	6.9		
				2	15.4	30.0			5.2					
				4	18.9	29.8			4.9					
				6	21.4	29.5			4.6					
				7	21.3	29.4			4.5	7.1				
+17.1	- 0.4		1345	0	15.6	30.0				30s	4.7	7.0		
+17.1	- 0.6		1351	0	16.2	29.8				22s	4.7	6.8		
				2	16.2	29.8			4.6					
+17.2	- 0.2		1426	0	10.9	30.0					4.6	6.9		
				2	11.8	30.0			4.5					
				4		29.8			4.5					
				6	17.7	29.5			4.4	6.8				
				6.5	17.5	29.5			4.4					
+17.1	- 0.4		1445	0	8.7	30.0					4.3			
+17.1	- 0.6		1456	0	8.6	30.0				11s	4.5	6.8		
				1	8.5	30.0			5.6					

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+17.2	- 0.2	19 Aug 70	1526	0	6.3	30.0				17s	4.5	6.6		Howard, 1975
				2	6.9	30.0				4.5				
				4	7.7	29.8				4.3				
				6	9.9	29.8				4.2	6.5			
+17.2	- 0.2		1625	0	2.7	30.0				20s	4.5	6.6		
				2	3.0	29.8				4.5				
				4	3.4	29.8				4.8				
				6	5.4	29.6				4.1	6.5			
+17.2	- 0.2		1726	0	2.2	29.0				24s	4.7	6.5		
				2	2.2	29.3				4.6				
				4	2.2	29.3				4.5				
				5	2.3	29.5				4.3				
+ 8.0	0.0	20 Aug 70	1101	0	27.8	30.1				61s	5.5	7.5		
				2	29	29.8				5.0				
				4	29.2	29.3				5.3				
				6	29.3	29.0				5.3	7.6			
				7	29.3	29.0				5.3				
+ 8.0	- 0.2		1117	0	26.4	29.8				50s	5.5	7.4		
				2	27.4	29.5				4.0				
+ 8.0	- 0.4		1123	0	26.7	29.5				44s	4.9	7.4		
				2	28.2	29.2				4.0				
				4	28.4	29.0				4.0				
+ 8.0	0.0		1156	0	26.3	30				55s	5.8	7.3		
				2	28.8	29.8				5.1				
				4	29.2	29.3				5.1				

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 8.0	0.0	20 Aug 70	1156	6	29.4	29.3					5.4			Howard, 1975
				8	29.7	29.0						5.4	7.6	
+ 8.0	- 0.2		1212	0	27.4	30.0				25s	5.3	7.4		
				1.5	27.6	29.8						4.5		
+ 8.0	- 0.4		1218	0	24.8	30.2				36s	5.8	7.3		
				2	26.9	29.8						4.4		
				4	27.5	29.3						3.0		
+ 8.0	0.0		1255	0	23.0	29.3					4.7	7.3		
				2	26.0	29.3					4.3			
				4	27.8	29.2					4.7			
				6	28.7	29.0					5.0	7.6		
				8	28.7	29.0					5.0			
+ 8.0	- 0.2		1316	0	25.1	29.8				18s	3.7	7.3		
				1	25.0	29.5						3.6		
+ 8.0	- 0.4		1321	0	24.6	29.8				32s	4.0	7.3		
				2	25.5	29.5						3.3		
				3.5	25.5	29.2						3.0		
+ 8.0	0.0		1355	0	22.6	30.0					4.0	7.3		
				2	23	29.8					4.0			
				4	23.1	29.8					4.0			
				6	23.1	29.6					4.0	7.2		
				7	23.1	29.5					4.0			
+ 8.0	- 0.2		1414	0	21.2	29.3				10s	3.5	7.2		

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+ 8.0	-0.4	20 Aug 70	1419	0	20.8	29.5				25s	3.1	7.2		Howard, 1975	
				2	21.2	29.3						3.0			
				3	21.3	29.3						2.7			
+ 8.0	0.0		1703	0	19.7	29.0					5.1	7.1			
				2	20.2	29.3						4.8			
				4	20.5	29.3						4.7			
				6	20.4	29.8						4.6	7.1		
+ 8.0	-0.4		1737	0	19.0	28.0				33s	5.5				
				2	20.0	28.8						4.5	7.2		
+ 8.0	0.0		1759	0	18.4	28.8				56s	5.3				
				2	19.2	29.0						4.6	7.1		
				4	19.4	29.2						4.6			
				6	19.8	29.3						4.5			
+ 4.1	0.0	17 Sep 70	0838	0	29.8	28.3				63s	6.4	7.9			
				2	30.3	28.0						6.2			
				4	30.4	28.0						6.2			
				6	30.5	28.0						6.1			
				8	30.6	28.0						6.1	7.9		
				10	30.6	28.0						6.1			
+ 4.2	-0.7		0908	0	30.1	28.2				61s	6.4	7.9			
+ 4.3	-1.3		0918	0	30.0	28.0				84s	6.1	7.9			
		2		30.0	28.0						6.0				
		4		30.0	28.0						6.0	7.9			

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+ 4.1	0.0	17 Sep 70	0934	0	30.4	28.0				91s	6.6	7.9		Howard, 1975	
				2	30.6	28.0					6.4				
				4	30.7	28.0					6.4				
				6	30.8	28.0					6.2				
				8	30.8	28.0					6.2	8.0			
				10	31.1	28.0					6.1				
+ 4.2	-0.7		0950	0	30	28				69s	6.5	8.0			
+ 4.3	-1.3		0956	0	29.5	28.2				79s	6.8	7.8			
				2	30.2	28.0					6.2				
				3.5	30.2	28.0					6.1	7.8			
+ 4.1	0.0		1035	0	30.6	28.3				128s	6.6	7.9			
				2	30.6	28.2					6.5				
				4	30.6	28.0					6.5				
				6	30.7	28.0					6.4				
				8	30.8	28.0					6.3				
				10	31.1	28.0					6.2	7.8			
+ 4.2	-0.7		1054	0	29.4	28.8				46s	6.6	7.9			
+ 4.3	-1.3		1101	0	28.6	28.8				85s	7.3	7.9			
				2	29.4	28.8					6.6				
				3.5	29.9	28.5					6.3	7.9			

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 4.1	0.0	17 Sep 70	1132	0	30.2	28.8					6.6	7.9		Howard, 1975
				2	30.5	28.5				6.4				
				4	30.6	28.3				6.3				
				6	30.7	28.3				6.3				
				8	30.7	28.0				6.2	7.9			
				10	30.7	28.0				6.2				
+ 4.3	-1.3		1152	0	29.7	28.8				77s	6.5	7.8		
				2	29.6	28.8				6.4				
				3	29.8	28.8				6.4	7.9			
+ 4.1	0.0		1230	0	29.1	29.0					6.7	7.8		
				2	29.1	28.8				6.7				
				4	29.1	28.5				6.7				
				6	29.1	28.5				6.7				
				8	29.2	28.5				6.7	7.9			
				10	29.2	28.3				6.7				
+ 4.3	-1.3		1258	0	27.9	29.0				43s	6.2	7.7		
				2	28.7	29.0				6.4				
+ 4.1	0.0		1333	0	26.3	29.5					6.0	7.6		
				2	26.2	29.0				5.9				
				4	26.3	28.8				5.9				
				6	26.5	28.8				6.0				
				8	26.4	28.8				5.9	7.7			
				10	26.4	28.8				5.9				

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 4.3	-1.3	17 Sep 70	1357	0	26.2	29.2				30s	5.7	7.6		Howard, 1975
				1.5	26.1	29.0					5.6			
+ 4.1	0.0		1430	0	24.2	29.0					5.6	7.6		
				2	24.2	28.8					5.5			
				4	24.2	28.8					5.4			
				6	24.4	28.8					5.5			
				8	24.6	28.8					5.5	7.6		
				10	24.6	28.8					5.5			
			1530	0	23.1	29.3				61s	5.6	7.5		
				2	23.1	29.0					5.4			
				4	23.1	29.0					5.4			
				6	23.2	29.0					5.4			
				8	23.3	29.0					5.3	7.5		
				10	23.3	29.0					5.3			
+ 4.1	0.0		1626	0	22.7	29.3				84s	5.5	7.5		
				2	22.8	29.2					5.4			
				4	23.0	29.0					5.3			
				6	23.0	29.0					5.3			
				8	23.1	29.0					5.3	7.4		
				10	23.1	29.0					5.2			
+ 6.5	+0.3	11 Nov 70	0700	0	30.0	17.3							ebb	Howard, 1971
				2.5	30.6	17.5				32				
				4.5	30.9	17.5				110				
										28				
			0720	0			21	180						

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+ 6.5	+0.3	11 Nov 70	0800	0	30.1	17.4			16					Howard, 1971		
				2.5	30.2	17.4			18							
				4.5	30.4	17.4			70							
				0810	0				76	115						
				0900	0	28.5	17.2	94	120	112						
			2.5		29.1	17.3			44							
			4.5		29.2	17.3			78							
				1000	0	27.1	17.1			48						
			2.5		27.1	17.1			164							
			4.5		27.0	17.3			96							
				1015	0			91	105							
				1055	0			91	115							
				1100	0	26.5	17.2			124						
			4.5		26.8	17.3			224							
				1150	0			88	105							
				1200	0	26.2	17.4			44						
			2.5		26.3	17.2			48							
			4.5		26.3	17.2			104							
				1250	0			58	100							

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.5	+0.3	11 Nov 70	1300	0	25.9	17.2			50					Howard, 1971
				2.5	26.0	17.2			62					
				4.5	25.8	17.3			74					
			1345	0			12	345						
			1400	0	25.2	17.7	34	300	4					
		2.5		25.8	17.5			14						
		4.5		26.1	17.4			104						
			1415	0			46	295						
			1500	0	26.1	17.5			56					
		2.5		26.2	17.4			100						
		4.5		26.3	17.4			80						
			1530	0			64	300						
			1600	0	28.6	17.4			18					
		2.5		28.6	17.5			22						
		4.5		28.5	17.5			48						
			1630	0			52	300						
			1700	0	28.7	17.5			18					
		2.5		28.7	17.7			24						
		4.5		28.8	17.7			40						
			1715	0			52	300						

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+ 6.5	+0.3	11 Nov 70	1800	0	29.8	17.6			24					Howard, 1971	
				2.5	30.0	17.7			28						
				4.5	29.5	17.7			36						
			1815	0			49	310							
			1900	0	29.6	17.7	<15		16			fld.			
				2.5	30.0	17.7			28						
	4.5	30.3	17.7			36									
+ 6.2	+0.6	13 Dec 70	----	0	29	r 13								Stickney, 1972	
		13 Jan 71	----	0	18	r 12									
+51.6	0.0	8 Feb 71	1920	0	0	10.9								Dörjes, 1975	
				5.5	0	11.0									
				10.5	0	11.0									
+50.4	0.0		1940	0	0	10.7									
				2.5	0	10.8									
				5.5	0	10.8									
+49.2	0.0		2010	0	0	10.7									
				4	0	10.7									
				7.5	0	10.7									
+47.5	0.0		2035	0	0	10.6									
				3.5	0	10.7									
				6.5	0	10.7									

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TRUB	DO	PH	TIDE	SOURCE
+47.5	0.0	8 Feb 71	2100	0	0.1	10.7								Dörjes, 1975
				4	0.1	10.6								
				8	0	10.6								
+44.8	0.0	9 Feb 71	0840	0	0.2	9.6								
				4	0.2	9.5								
				8	0.2	9.4								
+43.2	0.0		0900	0	0.2	9.5								
				3	0.2	9.4								
				6	0.2	9.4								
+41.7	0.0		0920	0	0.2	9.6								
				4	0.2	9.5								
				7.5	0.2	9.5								
+39.3	0.0		1000	0	0.1	9.6								
				4	0.1	9.5								
				7.5	0.1	9.5								
+37.4	0.0		1025	0	0	9.6								
				4	0	9.6								
				8	0	9.6								
+36.5	0.0		1040	0	0	9.7								
				4.5	0	9.7								
				9	0	9.6								

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+35.8	0.0	9 Feb 71	1110	0	0.1	9.8								Dörjes,1975
				4	0.1	9.7								
				8	0.1	9.7								
+34.1	0.0		1140	0	0.1	9.7								
				4.5	0.1	9.7								
				9	0.1	9.7								
+33.0	0.0		1315	0	0.1	9.7								
				3	0.1	9.7								
				6	0	9.6								
+32.5	-0.1		1330	0	0.2	9.7								
				2	0.2	9.7								
				4.5	0.2	9.7								
+31.0	0.0		1350	0	0.2	9.8								
				2.5	0.2	9.8								
				5	0.2	9.7								
+28.3	0.0		1430	0	0.2	9.9								
				4.5	0.2	10.0								
				8.5	0.2	10.0								
+26.4	-0.1		1500	0	0.3	10.0								
				2.5	0.3	10.0								
				5	0.3	9.9								

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+24.3	-0.1	9 Feb 71	1515	0	0.4	10.0								Dörjes, 1975
				2.5	0.4	9.9								
				4.5	0.4	10.0								
+22.1	+0.1		1545	0	0.4	9.7								
				2.5	0.4	9.8								
				5	0.4	9.8								
+20.5	0.0		1610	0	0.4	9.8								
				1.5	0.4	9.8								
				3	0.4	9.8								
			1730					195						
			1830				51	160						
			1930				62	150						
			2030				51	150						
			2130				26	150						
			2230				10	160						
			2330				10	155						
+19.4	-0.1	10 Feb 71	0030				41	175						
							51	175						
							51	175						
							62	175						
							46	180						
							0	170						
							51	150						
							51	150						
							72	145						

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+19.4	-0.1	10 Feb 71	0815	0	6.5	8.2								Dörjes, 1975
				3	6.8	8.1								
				6.5	6.7	8.2								
+17.8	-0.1		0835	0	10.8	8.2								
				4.5	11.2	8.4								
				9.5	11.4	8.4								
+16.5	-0.1		0900	0	12.6	8.3								
				4	13.0	8.2								
				8	13.6	8.4								
+15.2	0.0		0920	0	14.7	8.2								
				4	14.8	8.2								
				8	16.0	8.5								
+14.7	0.0		0940	0	14.7	8.3								
				4.5	15.6	8.4								
				9	16.7	8.5								
+13.3	0.0		1000	0	17.1	8.3								
				3	17.9	8.4								
				6	18.0	8.4								
+11.6	+0.1		1020	0	18.5	8.4								
				2	18.9	8.4								
				3.5	19.3	8.5								

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
- 4.2	-4.0	16 Mar 71	1500	0	27.7	16.3								Dörjes, 1975	
				2	28.8	16.3									
				4	31.9	13.8									
- 5.0	-2.7		1535	0	27.0	16.7									
				1.5	28.8	15.5									
				2.5	28.9	15.1									
- 5.5	-1.7		1600	0	30.3	14.7									
				1.5	30.3	14.8									
				3.5	31.2	14.2									
- 5.8	-0.1		1620	0	26.6	15.3									
				2	30.7	14.4									
				4	32.3	13.7									
- 8.9	+0.1		1655	0	26.3	15.3									
				3.5	33.3	13.4									
				7	33.7	13.3									
+ 5.6	-0.4	17 Mar 71	0830	0	9.6	13.6									
				2.5	10.9	14.5									
				5	19.6	15.0									
+ 5.5	0.0		0900	0	10.7	14.3									
				3.5	11.2	14.3									
				6.5	21.7	14.7									

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
- 4.4	+0.9	22 Apr 71	1615	0	32.4	18.6								Dörjes, 1975
				4.5	33.4	17.1								
				9.5	33.4	17.1								
- 5.8	+1.0		1645	0	32.0	19.2								
				4.5	33.5	17.0								
				9	33.5	17.0								
- 5.3	+1.9		1710	0	32.1	19.1								
				3.5	33.6	16.7								
				7.5	33.6	16.8								
+ 0.5	-0.4		1900	0	30.3	22.1								
				3.5	30.9	19.7								
				7.5	31.2	19.5								
+ 0.5	0.0		1925	0	29.8	20.3								
				4.5	30.4	21.0								
				9	30.7	20.3								
+ 0.5	+0.4		1950	0	28.3	20.4								
				3.5	29.1	20.2								
				7	30.5	20.8								
+ 2.4	0.0		2020	0	25.8	21.0								
				4.5	28.2	20.6								
				9	29.2	20.6								
- 5.8	+1.0	23 Apr 71	1015	0	32.2	18.3								
				3.5	32.2	18.1								
				7.5	32.2	18.1								

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+52.0	---	28 Apr 71	1715	0	0.2	20.4	64								Dörjes, 1975	
				M	0.2	20.4										
				B	0.2	20.4										
			1815	0	0.2	20.5	64									
				M	0.2	20.4										
				B	0.2	20.5										
			1915	0	0.2	20.6	57									
				M	0.2	20.5										
				B	0.2	20.6										
		2015	0	0.2	20.5	36										
			M	0.2	20.5											
			B	0.2	20.6											
		2125	0	0.2	20.7											
			M	0.2	20.8											
			B	0.3	20.6											
		2220	0	0.2	20.6	26										
			M	0.2	20.5											
			B	0.2	20.6											
		2315	0	0.2	20.5	13										
			M	0.2	20.5											
			B	0.3	20.5											
		29 Apr 71	0015	0	0.2	20.5	5									
				M	0.3	20.5										
				B	0.3	20.5										

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE				
+52.0	---	29 Apr 71	0115	0	0.2	20.4	13							Dörjes, 1975				
				M	0.2	20.4												
				B	0.2	20.5												
			0215	0	0.0	20.3	0											
				M	0.0	20.4												
				B	0.0	20.5												
			0315	0	0.0	19.4	41											
				M	0.1	19.4												
				B	0.1	19.4												
			0415	0	0.0	19.3	57											
				M	0.2	19.3												
				B	0.2	19.4												
			0515	0	0.0	18.8	64											
				M	0.0	18.8												
				B	0.0	18.8												
			+20.0	---		0730	0	0.6	14.6	0								
							M	0.5	15.0									
							B	0.5	16.6									
0830	0	0.4				20.8	41	265										
	M	0.3				20.7												
	B	0.3				16.1												

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE			
+20.0	---	29 Apr 71	0930	0	0.6	17.6	41	250						Dörjes, 1975			
				M	0.5	19.6											
				B	0.5	19.6											
			1030	0	1.2	20.5	41	220									
				M	1.2	21.0											
				B	1.3	21.0											
			1130	0	0.0	19.6	31	233									
				M	0.0	19.6											
				B	1.0	19.7											
			1230	0	1.0	14.6	28	035									
				M	0.0	18.2											
				B	6.0	17.3											
			1330	0	2.3	22.9	5	060									
				M	8.2	22.3											
				B	12.1	22.3											
			1430	0	0.9	23.1	10	070									
				M	1.7	22.6											
				B	11.9	22.8											
			1530	0	0.6	22.9	46										
				M	0.5	22.9											
				B	7.6	22.5											

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE			
+20.0	---	29 Apr 71	1630	0	0.5	22.7	51								Dörjes, 1975		
				M	0.5	22.7											
				B	0.5	22.8											
			1730	0	0.4	22.6	46	045									
				M	0.5	22.6											
				B	0.5	22.6											
			1830	0	0.5	22.5	31	050									
				M	0.5	22.6											
				B	0.5	22.6											
			1930	0	0.4	22.5	8										
				M	0.4	22.4											
				B	0.4	22.5											
+ 0.7	---		2120	0	28.9	21.1		290									
				M	28.9	21.1											
				B	28.9	21.2											
			2220	0	29.6	21.9	49										
				M	29.9	21.0											
				B	30.0	21.0											
			2315	0	29.9	21.8	41	300									
				M	30.1	21.5											
				B	30.3	20.6											

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE			
+ 0.7	---	30 Apr 71	0015	0	30.1	20.7	8	300						Dörjes, 1975			
				M	30.3	21.0											
				B	30.5	20.6											
			0115	0	29.5	21.5	36	120									
				M	30.0	21.2											
				B	30.3	20.8											
			0215	0	27.3	21.0	72	100									
				M	28.0	21.0											
				B	29.7	21.2											
			0315	0	15.9	21.5	77	110									
				M	26.1	21.4											
				B	28.2	21.2											
			0415	0	23.3	21.8	67	120									
				M	23.6	21.5											
				B	24.8	21.5											
			0515	0	19.9	21.9	39	120									
				M	20.7	21.9											
				B	23.4	21.8											
			0615	0	18.4	21.9	3	293									
				M	20.5	21.9											
				B	22.8	21.7											

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+0.7	----	30 Apr 71	0715	0	19.5	22.0	57	300						Dörjes, 1975
				M	20.3	22.1								
				B	22.7	21.8								
			0815	0	22.2	21.5	57	300						
				M	24.5	21.5								
				B	24.3	21.5								
			0900	0	24.9	21.4	51	310						
				M	25.1	21.4								
				B	25.1	21.4								
+6.2	+0.6	25 May 71	----	0	24 r	26								Stickney, 1972
		23 Jun 71	----	0	27 r	29								
+6.1	+0.4	29 Jun 71	0700	0	26.0r	28.0					5.4	7.3	fld.	Windom & Stickney, 1972
			0900	0	20.0r	28.5					5.2	7.5	fld.	
			1100	0	25.0r	29.0			31		5.2	7.6	high	
			1300	0	25.0r	29.5					5.7	7.7	ebb	
			1500	0	24.0r	30.4					6.5	7.7	ebb	
			1700	0	23.0r	30.4			40		7.1	7.8	low	
			1900	0	19.0r	29.4					6.2	7.9	fld.	
			2100	0	21.0r	28.6					5.3	7.3	fld.	
			2300	0	21.0r	28.9			23		5.8	7.6	high	

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.1	+0.4	30 Jun 71	0100	0	22.0r	28.7					5.4	7.6	ebb	Windom & Stickney, 1972
			0300	0	24.0r	28.6					5.3	7.5	ebb	
			0500	0	24.0r	28.4			15		5.4	7.5	low	
+ 6.2	+0.6	6 Jul 71	----	0	27	r 29								Stickney, 1972
+ 6.1	+0.4		0700	0	25.0r	28.0					4.7	7.8	ebb	Windom & Stickney, 1972
			0900	0	26.0r	28.0					5.3	7.7	ebb	
			1100	0	20.0r	28.5			30		5.9	7.9	low	
			1300	0	19.0r	29.0					6.0	7.5	fld.	
			1500	0	22.5r	29.5					5.8	7.7	fld.	
			1700	0	22.0r	29.0			37		6.1	7.8	high	
			1900	0	27.0r	28.4					5.8	7.6	ebb	
			2100	0	26.0r	28.3					4.2	7.6	ebb	
			2300	0	27.0r	28.0			55		5.3	7.7	low	
		7 Jul 71	0100	0	21.5r	27.9					4.8	7.6	fld.	
			0300	0	20.0r	27.7					4.8	7.1	fld.	
			0500	0	28.0r	27.8			50		5.1	7.7	high	
		9 Jul 71	0700	0	24.0r	28.0			24		5.2	7.8	high	
			0900	0	22.0r	29.0					5.3	7.7	ebb	
			1100	0	25.0r	30.0					5.6	7.7	ebb	

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+ 6.1	+0.4	9 Jul 71	1300	0		29.0			22		6.1	7.7	low	Windom & Stickney, 1972		
			1500	0	18.5r	29.5					5.8	6.8	fld.			
			1700	0	18.0r	29.5					6.5	7.7	fld.			
			1900	0	22.0r	29.2			35		6.0	7.8	high			
			2100	0	25.0r	28.0					5.3	7.0	ebb			
			2300	0	26.0r	29.7					6.3	7.9	ebb			
		10 Jul 71	0100	0	25.0r	28.5					3.6	7.5	ebb			
			0300	0	20.0r	27.6			99		5.0	7.5	low			
			0500	0	20.0r	28.5					5.2	7.5	fld.			
		+ 6.2	+0.6	13 Jul 71	----	0	20 r	27							Stickney, 1972	
		+ 6.1	+0.4		0700	0	18.5r	28.0					3.9	7.5	fld.	Windom & Stickney, 1972
					0900	0	20.0r	29.0					4.9	7.6	fld.	
1100	0				24.0r	29.0			64		4.6	7.7	high			
1300	0				25.5r	30.4					6.0	7.8	ebb			
1500	0				26.0r	30.2					7.0	7.9	ebb			
1700	0				24.0r	30.5			45		4.8	7.3	low			
14 Jul 71	1900			0	19.0r	29.8					5.7	7.6	fld.			
	2100			0	19.0r	29.5					3.7	7.7	fld.			
	2300			0	24.0r	29.5			37		6.2	7.8	high			
	0100			0	24.0r	29.2					5.0	7.7	ebb			
	0300			0	26.0r	29.7					4.8	7.8	ebb			
	0500			0	24.0r	29.1			140		3.5	7.6	low			

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.2	+0.6	21 Jul 71	----	0	24	r 31								Stickney, 1972
+ 6.1	+0.4		0700	0	23.0r	29.0			36		5.6	7.5	high	Windom & Stickney, 1972
			0900	0	24.0r	29.5					5.6	7.6	ebb	
			1100	0	20.0r	30.5					6.0	7.7	ebb	
			1300	0	16.0r	30.0			37		6.0	7.8	low	
			1500	0	15.0r	30.0					6.1	7.2	fld.	
			1700	0	21.0r	29.0					6.2	7.0	fld.	
			1900	0	26.0r	28.1			36		6.2	8.0	high	
			2100	0	25.0r	28.0					6.6	7.5	ebb	
			2300	0	23.0r	28.0					5.4	7.6	ebb	
		22 Jul 71	0100	0	20.0r	27.0			37		6.0	7.5	low	
			0300	0	27.0r	28.0					5.0	7.3	fld.	
			0500	0	19.0r	28.0					5.2	7.5	fld.	
+ 6.2	+0.6	12 Aug 71	----	0	20	r 30								Stickney, 1972
		16 Sep 71	----	0	17	r 28								
		12 Oct 71	----	0	18	r 23								
+ 5.7	0.0	28 Oct 71	2020	B			77	310					ebb	Greer, 1975
			2120				62	310					ebb	
			2220				36	320					ebb	
			2320				5	0					ebb	

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE				
+ 5.7	0.0	29 Oct 71	0020				26	100					fld.	Greer, 1975				
			0120				57	115					fld.					
			0220				41	115					fld.					
			0320				41	115					fld.					
			0420				41	110					fld.					
			0520				5	200							ebb			
			0620				36	300							ebb			
			0720				82	310							ebb			
			0820				87	310							ebb			
			0920				72	310							ebb			
			+ 6.2	+0.6	12 Nov 71	----	0	15	r 17								Stickney, 1972	
					Dec 71	----	0	12	r 15									
			+ 2.2	+0.1	9 Dec 71	2030	B			0	235							Greer, 1975
						2130				26	250						fld.	
2230							57	240					fld.					
2330							62	240					fld.					
10 Dec 71	0030							51	230						fld.			
	0130							31	240						fld.			
	0230							23	240						fld.			
	0330							5	350						fld.			
	0430							51	60						ebb			
	0530							57	55						ebb			

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+ 4.7	-0.1	14 Jan 72	1340	.5			21	168						Greer, 1975	
				1			16	190							
				2			19	310							
				4			33	290					fld.		
				6			33	285					fld.		
				7			28	285					fld.		
			1347	0			18	142							
			1400	0	13.9	16.6	22	135					fld.		
				2	16.9	16.7	15	290					fld.		
				4	16.0	16.7	31	280					fld.		
				6	19.3	16.6	36	285					fld.		
				7	21.2	16.6	18	255					fld.		
			1500	0	16.4	16.7	11	295					fld.		
				2	17.5	16.6	36	280					fld.		
				4	19.3	16.6	42	285					fld.		
				6	20.9	16.6	27	285					fld.		
				7	21.2	16.6	26	285					fld.		
			1600	0	16.8	16.6	77	290					fld.		
				2	18.8	16.7	82	285					fld.		
				4	20.2	16.6	82	285					fld.		
				6	22.4	16.6	62	280					fld.		
				7	22.9	16.7	51	295					fld.		

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE					
+4.7	-0.1	14 Jan 72	2130	0			108							Greer, 1975					
			2200	0	14.1	17.8	113	110											
				2	17.1	17.8	93	115											
				4	19.2	18.0	62	130											
				6	20.6	18.1	36	110											
				8	22.5	18.0	13	90											
				2230	0				103										
				2300	0	15.4	18.0	87	125										
					2	15.6	18.0	51	115										
					4	17.3	17.9	39	120										
					6	19.2	18.1	24	115										
			+2.2	+0.1	26 Jan 72	1645	0	27.9	11.8	36	265						f1d.		
							1	27.9	11.9	29	240							f1d.	
							3	28.5	12.0	36	295							f1d.	
	5	28.7				12.0	36	315											
	7	28.7				12.0	32	330											
	1745	0				28.3	11.9	23	200						f1d.				
		1				28.2	11.9	25	150						ebb				
		3				28.7	12.0	32	310						f1d.				
		5				28.8	12.1	16	40						ebb				
		7				29.0	12.1	18	33										
		1845				0	25.5	11.9	57	135						ebb			
						1	26.0	11.8	47	120						ebb			
						3	27.5	11.9	39	115						ebb			
						5	27.8	11.8	28	115						ebb			

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 2.2	+0.1	27 Jan 72	0145	0	7.9	11.2	67	300					fld.	Greer, 1975
				1	8.8	11.1	69	320			fld.			
				3	21.6	11.5	67	330			fld.			
				5	22.3	11.8	41	330			fld.			
			0245	0	18.6	11.2	103	330			fld.			
				1	23.3	11.7	93	330			fld.			
				3	23.9	11.7	72	340			fld.			
				5	24.5	11.8	26	330			fld.			
			0410	0	20.4	11.1	108	310			fld.			
				1	25.0	11.4	108	310			fld.			
				3	27.6	11.6	108	310			fld.			
				5	28.6	11.4	82	315			fld.			
				7	28.4	11.5	77	320			fld.			
			0445	0	22.7	11.4	93	290			fld.			
				1	24.3	11.4	93	310			fld.			
				3	27.4	11.5	87	310			fld.			
				5	27.9	11.5	77	315			fld.			
				7	28.5	11.6	51	320			fld.			
			0545	0	24.3	11.3	51	280			fld.			
				1	27.7	11.7	57	310			fld.			
				3	28.5	11.7	41	315			fld.			
				5	28.4	11.7	41	310			fld.			
				7	28.9	11.7	46	315			fld.			

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
- 3.5	+0.1	27 Jan 72	0715	0	26.8	11.2	44	120					ebb	Greer, 1975
				1.5	29.0	11.4	37	115				ebb		
				3.5	31.5	11.5	21	160				ebb		
			0815	0	29.2	11.6	87	135				ebb		
				1	29.5	11.7	72	140				ebb		
				3	30.3	11.7	51	130				ebb		
			0915	0	27.9	11.5	98	150				ebb		
				1	27.9	11.6	93	140				ebb		
				3	28.0	11.6	72	150				ebb		
			1015	0	25.1	11.6	77	150				ebb		
				1	25.1	11.5	64	145				ebb		
				2.5	25.2	11.5	57	150				ebb		
			1115	0	20.7	11.7	46	155				ebb		
				1	21.6	11.6	36	155				ebb		
				2	22.0	11.6	41	150				ebb		
			1215	0	17.2	11.9	10	210						
				1	17.6	11.8	10	280						
				2	20.7	11.8	26	280						
			1315	6	11.8	11.8	31	310						
				6	11.9	11.9	41	310						
				8	11.9	11.9	28	310						

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
-3.5	+0.1	27 Jan 72	1415	0	19.5	12.0	51	320						Greer, 1975		
				1	27.6	12.0	49	320								
				2	27.9	12.3	31	320								
			1515	0	27.1	12.8	46	340								
				1	28.3	12.3	44	340								
				2	28.4	12.3	41	330								
				3	28.6	12.1	31	330								
			1615	0	28.6	12.5	39	350								
				1	28.7	12.4	31	340								
				2	28.8	12.4	36	330								
				3	29.4	12.4	31	330								
			1715	0	28.5	11.9	23	340								
				1	28.5	12.0	23	340								
				2	28.5	11.9	23	300								
				3	30.2	12.0	23	290								
			1815	0	27.8	12.2	4	70								f1d.
				1	28.0	12.3	0	45								f1d.
				2	30.2	12.3	0	280								ebb
				3	31.1	12.5	5	295								ebb
			1915	0	27.3	12.2	32	110								
				1	29.1	12.2	14	160								
				3	31.3	12.5	10	175								

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
- 3.5	+0.1	27 Jan 72	1945	0	24.8	12.8	45	140						Greer, 1975
				1	29.2	12.6	36	155						
				3	30.6	12.9	24	155						
+54.6	0.0	14 Feb 72		0	0.1t	9.0			3		9.9	6.9		EPD, 1973a
		13 Mar 72		0	0.0t	17.7			4		8.2	6.7		
		10 Apr 72		0	0.0t	17.5			7		7.1	6.9		
		15 May 72		0	0.0t	22.0			7		5.3	6.6		
+56	0.0	7 Jun 72	0800	0	0	r 24.5					5.8	6.6		Windom, 1973
+54	0.0		0830	0	0	r 24.5					5.5	6.9		
+52	0.0		0845	0	0	r 25.0					5.8	7.3		
+43.2	+0.1		0915	0	0.8r	26.0					6.2	6.8		
+28.1	-0.1		1005	0	1.8r	26.0					6.5	7.0		
+21.8	+0.4		1035	0	2	r 26.0					6.6	7.0		
+16.5	-0.2		1105	0	3	r 26.0					6.7	7.0		
+11.6	0.0		1140	0	11	r 26.0					6.0	7.4		
+ 5.4	0.0		1205	0	20	r 26.0					6.7	7.6		
+54.6	0.0	16 Jun 72	----	0	0.0t	24.8			14		5.5	7.0		EPD, 1973a
		10 Jul 72	----	0	0.0t	27.0			< 1		5.0	7.1		
+ 5.4	0.0	4 Aug 72	0900	0	21	r 30.0					5.1	6.9		Windom, 1973
+11.6	0.0		0920	0	17	r 29.5					5.5	7.0		
+16.5	-0.2		0950	0	5	r 30.0					5.8	6.8		
+21.8	+0.4		1015	0	3	r 30.0					5.8	6.7		

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+28.1	-0.1	4 Aug 72	1045	0		30.5					6.2	6.7		Windom, 1973
+43.2	+0.1		1125	0		30.5					5.2	6.6		
+52.0	0.0		1245	0	1 r	31.0					2.1	6.0		
+54	0.0		1315	0	1 r	31.0					5.1	5.8		
+56	0.0		1330	0	0 r	30.5					5.0	5.8		
+54.6	0.0	14 Aug 72	----	0	0.1t	29.0			5		4.2	6.8		EPD, 1973a
		18 Sep 72	----	0	0.1t	31.7			4		4.7	6.8		
+56	0.0	3 Oct 72	0810	0	0 r	24.0					7.0	6.5		Windom, 1973
+52	0.0		0945	0	5 r	23.5					6.9	6.8		
+43.2	+0.1		1015	0	11 r	24.0					6.0	6.8		
+28.1	-0.1		1050	0	11 r	24.0					6.2	6.9		
+21.8	+0.4		1140	0	15 r	24.5					6.0	7.1		
+16.5	-0.2		1205	0	17 r	24.5					6.1	7.3		
+11.6	0.0		1225	0	26 r	24.0					6.5	7.4		
+ 5.4	0.0		1255	0	28 r	24.0					6.5	7.5		
+54.6	0.0	30 Oct 72	----	0	0.3t	22.1			6		5.6	6.9		EPD, 1973a
		27 Nov 72	----	0	0.1t	11.9			3		8.8	7.4		
+56	0.0	7 Dec 72	0915	0	0 r	13.0					8.8	6.9		Windom, 1973
+54	0.0		0930	0	0 r	12.5					9.3	7.2		
+52	0.0		1000	0	0 r	12.5					7.9	7.3		
+43.2	+0.1		1105	0	4 r	13.0					9.1	7.4		
+28.1	-0.1		1130	0	7 r	13.5					9.4	7.3		

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+21.8	+0.4	7 Dec 72	1150	0	14	r 14.0					8.7	7.4		Windom, 1973
+16.5	-0.2		1205	0	22	r 14.0					8.7	7.4		
+11.6	0.0		1220	0	23	r 14.0					8.3	7.0		
+ 5.4	0.0		1245	0	24	r 14.0					8.2	7.1		
+56	0.0	13 Mar 73	0935	0	0	r 19.0					6.4	6.3		
+54	0.0		1000	0	0	r 19.0					6.5	6.3		
+52	0.0		1020	0	0	r 19.0					6.6	6.0		
+43.2	+0.1		1045	0	1	r 19.2					7.1	6.0		
+28.9	-0.1		1125	0	1	r 19.0					6.4	6.0		
+21.8	+0.4		1155	0	1	r 19.5					6.8	6.0		
+16.5	-0.2		1225	0	1	r 19.8					7.3	6.1		
+11.6	0.0		1250	0	6	r 18.8					7.0	6.7		
+ 5.4	0.0		1320	0	10	r 18.8					8.3	6.9		
+56	0.0	24 Apr 73	0900	0	0	r 19.5					6.3	6.0		
+54	0.0		0915	0	0	r 19.5					6.4	5.8		
+52	0.0		0925	0	0	r 19.5					6.3	5.7		
+43.2	+0.1		1003	0	0	r 19.7					7.0	5.8		
+28.9	-0.1		1030	0	0	r 20.0					6.9	5.8		
+21.8	+0.4		1056	0	0	r 20.0					7.3	5.8		
+16.5	-0.2		1110	0	0	r 20.5					7.1	5.8		
+11.6	0.0		1131	0	5	r 21.0					7.5	6.8		
+ 5.4	0.0		1153	0	9	r 21.5					7.9	7.5		

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 1.3	+0.4	22 May 73	0835	0	24.7	22.9								Scope, 1973
				1	25.6	22.9								
				2	25.3	22.5								
				2.5	25.7	22.6								
				3.5	25.7	22.6								
				4.5	25.9	22.6								
+ 1.2	-0.2		0845	0	26.1	22.5								
				1	26.0	22.7								
				2	26.3	21.8								
				2.5	26.0	22.4								
				3.5	26.7	21.9								
				4.5	26.4	22.3								
				6	27.1	22.3								
				7.5	26.7	22.5								
+ 4.7	+0.2		0920	0	22.4	23.3								
				1	22.8	23.3								
				2	24.0	23.0								
				2.5	24.1	22.6								
				3.5	24.4	22.6								
				4.5	24.4	22.6								
				6	24.3	22.6								
+ 8.3	0.0		0955	0	20.3	23.3								
				1	20.5	22.8								
				2	20.7	23.0								
				2.5	20.8	22.8								
				3.5	20.9	22.8								
				4.5	20.7	22.8								
				6	20.8	22.8								

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+ 8.5	+0.8	22 May 73	1010	0	19.6	23.7									Scope, 1973
				1	19.9	23.6									
				2	20.5	23.2									
				2.5	20.4	22.9									
				3.5	20.1	23.4									
				4.5	20.6	22.8									
				6	21.0	22.8									
				7.5	20.6	22.8									
+12.2	-0.1		1100	0	16.7	24.7									
				1	17.3	23.0									
				2	17.4	23.6									
				2.5	17.7	23.2									
				3.5	18.1	23.5									
				4.5	18.2	22.8									
				6	18.2	23.4									
				7.5	18.3	23.3									
				9	18.3	23.3									
+ 1.3	+0.4	29 May 73	1200	0	20.6	26.1									
				1	20.5	26.1									
				2	20.7	26.3									
				2.5	20.7	26.3									
				3.5	22.7	26.0									
+ 1.2	-0.2		1210	0	21.5	26.1									
				1	21.6	26.1									
				2	22.0	26.1									
				2.5	22.1	26.1									
				3.5	22.1	26.3									
				4.5	22.6	26.3									
				6	23.7	26.3									

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+12.2	-0.1	29 May 73	1250	0	6.3	26.1								Scope, 1973
				1	7.2	26.0								
				2	9.0	26.2								
				2.5	10.3	26.2								
				3.5	10.5	26.2								
				4.5	10.5	26.2								
				6	11.6	26.3								
				7.5	11.6	26.3								
+56	0.0	3 Jul 73	0945	0	0 r	25.0					1.9	7.2		Windom, 1973
+54	0.0		1000	0	0 r	25.5					2.4	7.0		
+52	0.0		1005	0	0 r	26.0					1.8	7.0		
+43.2	+0.1		1031	0	0 r	26.5					2.3	7.0		
+28.9	-0.1		1100	0	0 r	27.0					2.5	6.9		
+21.8	+0.4			1121	0	0 r	27.0				2.2	6.6		
+16.5	-0.2		1136	0	7 r	30.0				2.7	7.0			
+11.6	0.0		1152	0	14 r	30.0				2.4	7.3			
+ 5.4	0.0		1206	0	20 r	31.0				2.8	7.2			
+12	---	11 Sep 73	----	0	20.1t	30.5					7.0			BJC, 1975
		9 Oct 73	----	0	7.7t	26.2					7.5			
		13 Nov 73	----	0	27.1t	15.4					9.1			
		15 Dec 73	1200	0	26.2	13.3					9.7	7.4		
				B	26.2	13.5		9.6	7.4					
			1300	0	26.9	13.5					9.5	7.4		
				B	26.2	13.5		9.5	7.4					

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+12	---	15 Dec 73	1400	0	26.2	13.5					9.3	7.4		BJC, 1975	
				B	26.9	13.5					9.4	7.4			
			1500	0	26.2	13.5			9.4	7.4					
				B	26.2	13.5			9.2	7.4					
			1600	0	26.2	12.7			9.3	7.4					
				B	26.2	12.7			9.4	7.4					
		1700	0	24.8	12.5			9.4	7.4						
			B	25.5	12.5			9.4	7.4						
		1800	0	23.4	12.5			9.2	7.4						
			B	22.0	12.5			9.5	7.4						
		18 Dec 73	----	0	23.0t	10.5					10.8				
		22 Jan 74	----	0	3.3t	16.5					7.5	7.2			
		25 Feb 74	----	0	0.0t	13.0					4.2	7.8			
		19 Mar 74	----	0	2.7t	19.0					7.6	6.6			
28 Mar 74	1055	0	15.8	16.7					7.6	7.0					
		B	17.2	17.0			7.5	6.6							
		1155	0	17.2	16.7			7.2	7.0						
	B	17.9	17.0			7.1	6.7								
1245	0	16.5	17.0			7.9	7.0								
	B	17.2	17.0			7.1	6.5								

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+12	---	28 Mar 74	1345	0	15.2	16.7					7.5	6.8		BJC, 1975
				B	17.2	16.7				7.2	6.3			
			1445	0	9.3	17.0			7.4	6.7				
				B	15.8	16.7			7.0	6.4				
		1545	0	7.4	17.3			7.4	6.8					
			B	11.9	17.2			7.1	6.5					
		1645	0	1.3	17.2			7.4	7.0					
			B	5.6	17.0			7.2	6.6					
		16 Apr 74	----	0	3.7t	22.0				8.0	7.6		BJC, 1975	
+21	0.0		----	0	0.0r								Dunstan, 1975	
+ 6.0	0.0		----	0	1 r									
				B	9 r									
0.0	0.0		----	0	7 r									
				B	23 r									
- 7.0	+4.0		----	0	31 r									
				B	32 r									
+6.0	0.0	21 May 74	----	0	24 r									
				B	24 r									

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
0.0	0.0	21 May 74	----	0	28 r									Dunstan, 1975
				B	28 r									
- 7.0	+4.0		----	0	29.5r									
				B	30 r									
+12	---		----	0	15 t	26.0					6.4			BJC, 1975
		18 Jun 74	----	0	6.4t	27.5					4.7	6.3		
		1 Jul 74	0545	0	21.3	26.0					5.5	7.6		
				B	21.3	26.2					5.5	7.5		
			0645	0	21.3	26.7					5.3	7.6		
				B	21.3	26.7					5.3	7.5		
			0745	0	21.3	27.0					6.0	7.5		
				B	21.3	27.0					5.7	7.5		
			0845	0	20.6	27.0					5.9	7.5		
				B	21.3	27.0					5.7	7.5		
			0945	0	17.9	27.0					5.6	7.4		
				B	18.6	27.0					5.4	7.4		
			1045	0	15.2	27.2					5.5	7.3		
				B	15.8	27.0					5.3	7.3		
			1145	0	11.9	27.5					5.0	7.3		
				B	13.8	27.3					4.9	7.3		

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.0	0.0	1 Jul 74	----	0	24	r								Dunstan, 1975
				B	24	r								
0.0	0.0		----	0	27	r								
- 7.0	+4.0		----	0	32	r								
				B	32	r								
+12	---	23 Jul 74	----	0	17.2t	28.0					8.2			BJC, 1975
		13 Aug 74	----	0	1.0t	26.5					4.6	6.2		
+ 6.0	0.0	1 Sep 74	----	0	18	r								Dunstan, 1975
				B	18	r								
0.0	0.0		----	0	22	r								
				B	24	r								
- 7.0	+4.0		----	0	31	r								
				B	32	r								
+12	---	17 Sep 74	----	0	6.2t	28.5					3.8	6.5		BJC, 1975
		1 Oct 74	0955	0	21.3	23.8					6.0	7.2		
				B	22.7	23.8					5.8	7.2		
			1055	0	20.6	24.0					6.2	7.3		
				B	22.0	24.0					5.9	7.3		

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+12	---	1 Oct 74	1155	0	19.9	24.0					5.9	7.1		BJC, 1975		
				B	20.6	24.2				5.8	7.1					
			1255	0	18.6	24.0			5.9	7.1						
				B	19.2	24.0			5.8	7.1						
			1355	0	15.2	24.0			5.6	6.9						
		B		15.2	24.0			5.5	6.9							
		1455	0	11.2	24.0			5.4	6.8							
			B	11.9	24.0			5.4	6.8							
		1555	0	8.7	24.2			5.3	6.7							
			B	11.2	24.3			5.2	6.7							
		15 Oct 74	----	0	12.2t	24.0			5.1	6.8						
		12 Nov 74	----	0	18.4t	14.0			8.0	7.5						
		10 Dec 74	----	0	16.5t	9.0			9.6	7.8						
		19 Dec 74		1200	0	24.8	10.5			9.3	7.8					
					B	24.8	10.5			9.4	7.8					
1300	0			24.8	10.7			8.9	7.8							
	B			24.8	10.5			8.8	7.8							
1400	0			24.1	11.0			9.0	7.8							
B	24.8	10.5			9.0	7.8										

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+12	---	19 Dec 74	1500	0	24.1	10.8					8.9	7.8		BJC, 1975	
				B	24.1	10.5				8.9	7.8				
			1600	0	22.7	10.7				8.8	7.8				
				B	22.7	10.7				9.1	7.8				
			1700	0	19.2	10.7				9.0	7.8				
				B	19.9	10.3				9.3	7.7				
			1800	0	17.2	10.3				9.0	7.7				
				B	18.6	10.3				9.2	7.7				
+30.1	0.0	25 Sep 75	0930	0	1.4	26.2	39	230					fld. Winker, 1976		
				1	1.4	26.2	41	240							
				2	1.4	26.2	41	255							
				3	1.3	26.2	41	250							
				4	1.3	26.2	31	270							
+26.0	0.0		1005	0	1.9	26.1	46	080					fld.		
				1	1.9	26.1	46	070							
				2	1.9	26.1	44	120							
				3	1.9	26.1	46	060							
				4	1.9	26.1	44	070							
				5	1.9	26.1	28	070							
+21.9	0.0		1045	0	5.5	26.4	36	215					fld.		
				1	5.4	26.4	41	280							
				2	5.9	26.3	39	285							
				3	5.7	26.3	39	270							
				4	5.8	26.3	39	280							
				5	6.2	26.3	41	270							
				6	6.2	26.2	39	260							
				7	6.1	26.2	36	255							

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+17.9	0.0	25 Sep 75	1115	0	16.2	26.6	36	310						fld.	Winker, 1976
				1	16.2	26.5	36	305							
				2	16.2	26.5	33	300							
				3	16.2	26.5	21	310							
				4	16.1	26.5	26	320							
				5			21	270							
+13.8	0.0		1145	0	20.5	26.8	5	345						fld.	
				1	20.5	26.8	5	345							
				2	20.5	26.8	13	040							
				3	20.9	26.8	15	040							
				4	21.0	26.8	15	040							
+ 9.3	0.0		1215	0	23.3	26.7	15	160						fld.	
				1	23.4	26.7	13	150							
				2	23.5	26.6	8	140							
				3	23.5	26.6	8	140							
				4	23.5	26.6	10	125							
				5	23.6	26.6	10	150							
				6	24.0	26.6	10	075							
+ 6.0	+0.1		1240	0	25.0	26.5	36	180						ebb	
				1	25.0	26.5	33	180							
				2	26.0	26.4	25	185							
				3	26.0	26.4	20	175							
				4	26.2	26.3	20	200							
				5	26.2	26.4	20	190							
				6	26.3	26.3	20	195							

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 2.3	0.0	25 Sep 75	1305	0	25.5	26.7	59	170					ebb	Winker ,1976
				1	27.7	26.6	51	170						
				2	27.0	26.4	46	170						
				3	27.2	26.3	44	180						
				4	27.6	26.3	36	190						
				5	27.8	26.3	31	200						
				6	27.8	26.3	25	185						
- 1.6	-0.2		1325	0	27.3	26.7	57	200					ebb	
				1	27.9	26.3	57	200						
				2	28.6	26.4	51	200						
				3	28.8	26.5	46	200						
				4	28.8	26.5	25	200						
				5	28.9	26.3	15	205						
				6			15	195						
- 5.3	0.0		1350	0	27.5	26.8	49	190					ebb	
				1	27.8	26.8	49	180						
				2	29.2	26.8	39	210						
				3	29.8	26.8	31	200						
				4	30.0	26.8	15	200						
				5	30.1	26.7	5	190						
- 8.8	+1.0		1420	0	30.3	27.2	20	200					ebb	
				1	30.4	27.1	15	180						
				2	30.3	27.0	15	180						
				3	30.4	27.0	15	195						
				4	30.3	27.0	15	180						

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
- 8.8	+1.0	25 Sep 75	1420	5	30.4	27.0	8	180					ebb	Winker 1976
				6	30.5	26.9	3	180						
				7	30.6	27.0	3	180						
				8	30.7	26.9	3	190						
				9	30.8	26.9	3	230						
+30.1	0.0	25 Oct 75	0905	0	1.7	21.5	57	270					fld.	
				1	1.7	21.6	62	270						
				2	1.7	21.7	54	260						
				3	1.7	21.6	51	270						
				4	1.7	21.6	49	260						
+21.9	0.0		1010	0	5.8	22.2	62	250					fld.	
				1	6.0	22.1	67	280						
				2	6.1	22.2	67	260						
				3	6.4	22.2	57	270						
				4	6.6	22.2	36	280						
				5	6.5	22.2	36	265						
				6			33	260						
7			33	285										
+17.9	0.0		1100	0	16.8	22.4	51	300					fld.	
				1	17.3	22.4	57	290						
				2	17.9	22.4	64	320						
				3	18.3	22.4	51	315						
				4	18.3	22.4	51	300						
				5	18.3	22.5	54	298						
				6	18.4	22.4	51	300						
				7	18.5	22.5	41	310						
				8	18.5	22.5	39	310						
9	18.5	22.5	41	300										

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+20.0	0.0	25 Oct 75	1130	0	13.0	22.5	59	260						fld. Winker, 1976
				1	13.1	22.3	57	270						
				2	13.2	22.3	46	280						
				3	14.8	22.4	57	270						
				4	15.0	22.4	51	255						
				5			36	300						
+13.8	0.0		1210	0	22.6	22.6	10	345						slack
				1	22.8	22.6	26	020						
				2	22.8	22.6	26	020						
				3	22.8	22.6	33	025						
				4	22.9	22.7	26	020						
				5	22.9	22.6	33	030						
				6	22.9	22.5	21	300						
+ 9.3	0.0		1245	0	26.6	22.7	0							slack
				1	26.7	22.7	15	150						
				2	27.0	22.7	23	155						
				3	27.0	22.6	21	155						
				4	27.1	22.6	21	160						
				5	27.8	22.6	10	110						
				6	28.1	22.5	10	85						
				7	28.2	22.5	10	80						
				8			10	85						

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+26.0	0.0	23 Nov 75	1030	0	3.9	15.5	62	080					fld.	Winker, 1976
				1	3.9	15.4	62	050						
				2	4.0	15.4	62	040						
				3	4.1	15.5	62	060						
				4	4.1	15.5	51	070						
				5	4.2	15.5	51	070						
				6	4.2	15.5	31	040						
			6.5			31	080							
+21.9	0.0		1100	0	10.5	15.4	51	250					fld.	
				1	10.9	15.5	51	270						
				2	11.5	15.6	62	280						
				3	11.6	15.6	72	270						
				4	11.7	15.6	72	260						
				5	11.8	15.6	62	260						
				6	11.9	15.6	72	260						
				7	11.9	15.7	62	250						
				8	12.0	15.6	62	240						
+17.9	0.0		1135	0	21.4	15.7	41	320					fld.	
				1	21.4	15.7	41	310						
				2	21.7	15.9	41	310						
				3	21.7	15.9	46	290						
				4	21.7	15.9	51	300						
				5	21.8	15.9	51	300						
				6	21.7	15.9	51	300						
				7	21.7	15.9	41	300						
				8	21.8	15.9	41	290						
				9	21.8	15.9	41	290						
				10			31	280						

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+20.0	0.0	23 Nov 75	1215	0	20.5	15.8	21	230					fld.	Winker, 1976
				1	20.5	15.8	21	250						
				2	20.6	15.8	21	260						
				3	20.6	15.9	21	240						
				4	20.6	16.0	21	290						
+13.8	0.0		1250	0	22.9	15.9	21	150					ebb	
				1	23.0	16.0	10	190						
				2	23.0	15.9	10	200						
				3	23.1	15.9	10	160						
				4	23.2	16.0	31	230						
				5	23.6	16.0	31	200						
+ 9.3	0.0		1335	0	24.1	15.8							ebb	
				1	24.2	15.6								
				2	24.6	15.6								
				3	25.2	15.7								
				4	25.7	15.7								
				5	25.9	15.8								
				6	26.1	15.8								
				7	26.1	15.8								
+ 6.0	+0.1		1430	0	24.8	15.9							ebb	
				1	24.7	15.8								
				2	24.8	15.9								
				3	25.0	15.8								
				4	25.2	15.9								
				5	25.8	15.3								
				6	25.4	15.8								

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+30.1	0.0	21 Jan 76	0935	0	0.0	5.3	46	270					fld.	Winker, 1976
				1	0.0	5.2	51	270						
				2	0.0	5.2	41	280						
				3	0.0	5.2	51	280						
				4	0.0	5.3	51	290						
+26.0	0.0		1015	0	0.1	6.0	51	120					fld.	
				1	0.0	6.0	57	130						
				2	0.0	6.0	51	110						
				3	0.1	6.0	46	120						
				4	0.1	6.0	51	120						
+21.9	0.0		1045	0	0.3	6.5	72	280					fld.	
				1	0.3	6.5	72	250						
				2	0.4	6.5	62	280						
				3	0.4	6.5	62	270						
				4	0.4	6.5	62	270						
				5	0.4	6.5	57	280						
				6	0.4	6.5	57	280						
+17.9	0.0		1130	0	10.2	7.0								
				1	10.4	7.0								
				2	10.8	7.0								
				3	10.9	7.0								
				4	11.4	7.0								
				5	11.4	6.9								
				6	11.4	6.9								
				7	11.4	7.0								
8	11.4	7.0												

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+20.0	0.0	21 Jan 76	1155	0	7.4	7.1								Winker, 1976
				1	7.5	7.0								
				2	8.1	7.0								
				3	8.8	7.1								
				4	9.3	7.0								
				4.5	9.7	7.1								
+13.8	0.0		1230	0	17.7	7.1								
				1	17.6	7.4								
				2	17.6	7.3								
				3	17.6	7.3								
				4	17.8	7.1								
+ 9.3	0.0		1250	0	21.8	7.5							ebb	
				1	22.0	7.4								
				2	22.1	7.4								
				3	23.0	7.4								
				4	23.8	7.2								
				5	24.4	7.3								
				6	24.6	7.2								
+ 6.0	+0.1		1305	0	23.8	7.2							ebb	
				1	24.1	7.4								
				2	25.0	7.4								
				3	25.8	7.3								
				4	26.4	7.2								
				5	26.6	7.2								
				6	26.7	7.2								
				7	27.0	7.2								

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+ 9.3	0.0	21 Feb 76	1210	0	20.7	16.2								fld.	Winker, 1976
				1	21.1	15.9									
				2	21.1	15.9									
				3	21.1	15.8									
				4	21.1	15.7									
				5	21.1	15.7									
				6	21.1	15.7									
				7	21.2	15.6									
				8	21.2	15.7									
+ 6.0	+0.1		1250	0	23.7	16.6									
				1	23.6	16.7									
				2	23.7	16.5									
				3	23.8	16.4									
				4	24.6	16.0									
				5	25.2	15.7									
				6	25.7	15.4									
				7	25.8	15.2									
				8	25.9	15.2									
+13.8	0.0		1255	0	15.2	17.2								fld.	
				2	15.1	17.2									
				3	15.0	17.4									
				4	15.1	17.4									
				5	15.0	17.5									
				6	15.1	17.5									
+15.9	-0.1		1305	0	14.7	17.5									

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+ 2.3	0.0	21 Feb 76	1320	0	26.8	16.1								high	Winker, 1976	
				1	26.8	16.0										
				2	27.1	15.6										
				3	27.4	15.5										
				4	27.6	15.4										
				5	28.0	15.0										
				6	28.0	14.9										
+17.9	0.0		1320	0	10.8	17.5								high		
				2	12.3	17.5										
				3	12.8	17.6										
				4	13.0	18.0										
				5	12.9	18.1										
				6	13.0	18.1										
				7	13.1	18.4										
				8	13.0	18.4										
+20.0	0.0		1330	0	8.5	17.9							high			
+21.9	0.0		1345	0	3.2	17.4										
				2	3.3	17.4										
				3	4.1	17.4										
				4	4.2	17.5										
				5	4.1	17.6										
				6	4.1	17.7										
- 1.6	-0.2		1345	0	27.3	16.4								e. ebb		
				1	27.7	15.3										
				2	29.0	14.8										
				3	30.0	14.5										
				4	30.4	14.5										
				5	30.5	14.5										
6	30.5	14.5														

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+30.1	0.0	24 Mar 76	1245	0	0.0	15.9	31	240					fld.	Winker,1976
				1	0.0	15.9	31	250						
				2	0.0	15.6	31	220						
				3	0.0	15.5	31	220						
				4	0.0	15.5	21	230						
+26.0	0.0		1330	0	0.0	16.2							fld.	
				5	0.0	16.1								
+21.9	0.0		1350	0	0.2	16.4							fld.	
				7	0.2	16.2								
+17.9	0.0		1415	0	1.2	16.6								
				3	1.2	16.3								
				7	1.4	16.2								
				8	1.4	16.2								
+13.8	0.0		1450	0	13.0	16.8							1.fld.	
				1	13.5	16.9								
				2	13.7	16.9								
				3	13.7	16.8								
				4	13.9	16.8								
				5	13.8	16.8								
				6	14.0	16.8								
				7	14.1	16.9								
8	14.2	16.9												

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.3	0.0	24 Mar 76	1520	0	20.1	16.9								l.fld. Winker, 1976
				1	21.2	16.6								
				2	21.5	16.5								
				3	21.5	16.5								
				4	21.6	16.4								
				5	21.5	16.5								
				6	21.4	16.3								
+ 6.0	+0.1		1540	0	23.8	17.0							fld.	
				1	24.4	16.8								
				2	24.5	16.7								
				3	24.9	16.5								
				4	24.9	15.5								
				5	25.0	16.7								
				6	24.9	16.6								
7	25.0	16.7												
+21.9	0.0	21 Apr 76	1130	0	1.1	22.5							fld.	
				1	1.1	22.5								
				2	1.1	22.5								
				3	1.2	22.5								
				4	1.2	22.5								
				5	1.2	22.5								
				5.5	1.2	22.5								

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+ 6.0	+0.1	25 Oct 75	1315	0	28.6	22.6	72	170						ebb	Winker, 1976
				1	29.0	22.5	51	165							
				2	29.0	22.5	54	160							
				3	29.2	22.6	57	170							
				4	29.2	22.7	46	155							
				5	29.4	22.5	36	155							
				6	29.4	22.6	15	140							
				7	29.4	22.5	26	130							
+ 2.3	0.0		1350	0	29.6	23.0	57	160					ebb		
				1	29.9	22.7	46	145							
				2	30.0	22.8	36	140							
				3	30.2	23.0	36	155							
				4	30.1	22.9	26	125							
				5	30.1	22.8	21	120							
				6	30.2	23.0	10	100							
				7	30.2	23.0									
- 1.6	-0.2		1320	0	30.0	22.8							ebb		
				1	30.1	22.9									
				2	30.2	22.9									
				3	30.1	22.8									
+30.1	0.0	23 Nov 75	0950	0	3.3	15.4	62	240					fld.		
				1	3.2	15.4	62	260							
				2	3.2	15.4	62	260							
				3	3.3	15.4	51	260							
				4	3.3	15.5	51	260							
				4.5	3.3	15.5	51	260							

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+17.9	0.0	21 Apr 76	1205	0	4.1	23.5								fld.	Winker, 1976
				1	4.5	23.3									
				2	4.8	23.1									
				3	4.9	23.0									
				4	4.9	22.9									
				5	4.9	22.9									
				6	5.0	22.9									
				7	5.0	22.8									
				8	5.1	22.8									
+15.9	-0.1		1225	0	7.6	25.7							fld.		
				1	8.0	25.5									
				2	8.2	25.4									
				3	8.7	24.9									
				4	8.8	24.6									
				5	9.3	24.5									
				6	9.4	24.2									
+13.8	0.0		1240	0	16.7	25.4							fld.		
				1	16.9	25.1									
				2	17.0	24.7									
				3	17.0	24.5									
				4	17.1	24.2									
+11.6	0.0		1255	0	18.2	23.8							fld.		
				1	18.2	23.7									
				2	18.2	23.6									
				3	18.3	23.5									
				4	18.3	23.5									
				5	18.3	23.4									

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+11.6	0.0	21 Apr 76	1255	6	18.4	23.5							fld.	Winker, 1976
				7	18.7	23.4								
				8	18.5	23.3								
+ 9.3	0.0		1325	0	20.2	22.9							fld.	
				1	20.2	22.9								
				2	20.5	23.0								
				3	20.5	23.0								
				4	20.6	23.0								
				5	20.6	23.0								
				6	20.7	23.0								
				7	20.7	23.0								
7.5	20.8	23.0												
+ 6.0	+0.1		1340	0	23.6	23.3							fld.	
				1	23.8	23.1								
				2	23.7	23.0								
				3	23.8	22.9								
				4	23.8	22.9								
				5	23.8	22.9								
				6	23.8	22.8								
7	23.8	22.8												
+ 2.3	0.0		1355	0	26.0	22.8								
				2	26.1	22.7								
				4	26.2	22.8								
				6	26.3	22.7								
				8	26.3	22.7								
10	26.3	22.8												

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+21.9	0.0	2 Jun 76	0900	0	0.1	23.6								fld.	Winker, 1976
				1	0.2	23.6									
				2	0.2	23.6									
				3	0.2	23.6									
				4	0.2	23.6									
				5	0.2	23.6									
				6	0.2	23.6									
				7	0.2	23.6									
+17.9	0.0		0925	0	0.2	24.2								fld.	
				1	0.2	23.9									
				2	0.2	23.9									
				3	0.2	24.0									
				4	0.3	23.9									
				5	0.3	23.8									
				6	0.3	23.9									
				7	0.3	23.8									
				8	0.3	23.9									
9	0.3	23.9													
+13.8	0.0		0950	0	2.4	24.6								1.fld.	
				1	2.4	24.4									
				2	2.4	24.2									
				3	2.6	24.2									
				4	2.7	24.2									
				5	2.9	24.3									
				6	3.0	24.3									
				7	3.0	24.3									
7.5	3.0	24.2													

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+11.6	0.0	2 Jun 76	1005	0	6.4	25.1								l.fld.	Winker, 1976
				1	7.8	24.9									
				2	8.0	24.8									
				3	8.2	24.7									
				4	8.3	24.7									
				5	8.5	24.7									
				6	8.5	24.7									
				7	8.5	24.7									
				8	8.6	24.7									
				9	8.7	24.7									
+ 9.3	0.0		1030	0	12.8	25.6								l.fld.	
				1	14.6	25.1									
				2	15.2	25.1									
				3	15.5	25.1									
				4	15.7	25.1									
				5	15.8	25.1									
				6	15.9	25.1									
				7	15.9	25.1									
+ 7.9	0.0		1050	0	11.4	25.7								high	
				1	13.0	25.6									
				2	16.0	25.3									
				3	17.4	25.1									
				4	17.7	25.2									
				5	17.9	25.1									
				6	18.0	25.1									
				7	18.1	25.1									
				8	18.1	25.1									
				9	18.0	25.0									
				10	18.3	25.0									
				11	18.3	25.0									
12	18.2	25.0													

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 2.3	0.0	2 Jun 76	1150	9	26.2	25.4							e.ebb	Winker, 1976
				10	26.2	25.4								
				10.5	26.2	25.4								
+ 0.4	-0.2		1210	0	25.4	26.4							ebb	
				1	25.8	26.0								
				2	26.4	25.8								
				3	27.1	25.6								
				4	27.2	25.6								
				5	27.3	25.5								
				6	27.3	25.5								
				7	27.2	25.5								
				8	27.8	25.3								
- 1.6	-0.2		1230	0	27.6	26.7							ebb	
				1	28.7	26.3								
				2	28.9	26.3								
				3	29.0	26.0								
				4	29.3	25.8								
				5	29.3	25.8								
				6	29.4	26.2								
+21.9	0.0	16 Jun 76	0920	0	0.1	25.8							fld.	
				1	0.1	25.8								
				2	0.1	25.8								
				3	0.1	25.8								
				4	0.2	25.8								
				5	0.1	25.8								
				6	0.1	25.8								
				7	0.1	25.8								

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+17.9	0.0	16 Jun 76	0945	0	0.4	25.9								fld.	Winker, 1976
				1	0.4	25.9									
				2	0.3	25.8									
				3	0.3	25.8									
				4	0.4	25.8									
				5	0.5	25.8									
				6	0.5	25.9									
				7	0.5	25.8									
8	0.5	25.8													
+13.8	0.0		1010	0	12.3	26.6								fld.	
				1	12.3	26.6									
				2	12.4	26.6									
				3	12.7	26.6									
				4	12.7	26.6									
				5	12.8	26.6									
6	12.8	26.6													
+15.9	-0.1		1025	0	7.1	26.5								fld.	
				1	8.2	26.5									
				2	9.0	26.5									
				3	10.8	26.5									
				4	10.9	26.5									
				5	10.8	26.5									
6	10.8	26.5													
+11.6	0.0		1050	0	14.7	26.8								fld.	
				1	14.7	26.9									
				2	14.7	26.8									
				3	14.8	26.8									
				4	14.8	26.8									
				5	14.8	26.8									
				6	14.9	26.8									
				7	14.9	26.9									
				8	14.9	26.8									
9	14.9	26.8													

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.3	0.0	16 Jun 76	1115	0	18.8	26.9								1.fld. Winker, 1976
				1	18.9	26.8								
				2	18.8	26.8								
				3	19.0	26.8								
				4	18.9	26.8								
				5	19.0	26.7								
				6	18.8	26.7								
+ 7.9	0.0		1130	0	20.1	27.2							high	
				1	20.9	27.1								
				2	21.1	26.8								
				3	21.2	26.8								
				4	21.4	26.8								
				5	21.6	26.8								
				6	21.6	26.8								
7	21.5	26.8												
+ 6.0	+0.1		1155	0	24.4	27.1								
				1	24.5	27.1								
				2	24.5	27.0								
				3	24.5	27.0								
				4	24.6	27.0								
				5	24.8	27.0								
				6	25.0	26.7								
+ 2.3	0.0		1215	0	26.7	27.1								
				1	27.2	27.2								
				2	27.6	27.0								
				3	27.7	26.9								
				4	27.9	27.0								

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+13.8	0.0	17 Jul 76	1200	0	14.3	29.6								fld. Winker, 1976
				1	14.4	29.4								
				2	14.6	29.6								
				3	15.0	29.5								
				4	15.1	29.6								
				5	15.2	29.6								
+11.6	0.0		1215	0	16.8	30.0								fld.
				1	17.8	29.8								
				2	18.0	29.7								
				3	18.1	29.6								
				4	18.2	29.6								
				5	18.2	29.6								
				6	18.3	29.6								
				7	18.3	29.6								
				8	18.3	29.6								
				9	18.4	29.6								
+ 9.3	0.0		1235	0	20.6	30.8								fld.
				1	20.9	30.4								
				2	22.3	29.5								
				3	22.3	29.5								
				4	22.5	29.5								
				5	22.5	29.5								
				6	22.5	29.4								
				7	22.4	29.5								
				7.5	22.5	29.5								

OSSABAW SOUND - OGEECHEE RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+ 6.0	+0.1	17 Jul 76	1250	0	23.3	29.9								high	Winker, 1976
				1	24.3	29.4									
				2	25.6	29.1									
				3	26.7	29.0									
				4	27.1	29.0									
				5	27.0	29.1									
				6	27.0	29.0									
				7	27.0	28.9									
+ 2.3	0.0		1305	0	27.2	30.3								e.ebb	
				1	27.9	29.9									
				2	28.9	29.4									
				3	29.6	29.0									
				4	30.2	29.0									
				5	30.2	29.1									
				6	30.4	28.9									
				7	30.5	28.9									
				8	30.7	29.0									
				9	30.6	28.9									
- 1.6	-0.2		1330	0	30.8	30.2									
				1	31.9	28.8									
				2	32.9	28.7									
				3	33.0	28.6									
				4	33.3	28.8									
				5	33.4	28.6									
				6	33.3	28.7									

LITTLE DON ISLAND CUT

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 8.5	0.0	13 Dec 70	----	0	31 r	14								Stickney, 1972
		13 Jan 71	----	0	18 r	12								
		15 Feb 71	----	0	19 r	10								
		27 Mar 71	----	0	26 r	14								
		19 Apr 71	----	0	20 r	20								
		25 May 71	----	0	25 r	25								
		23 Jun 71	----	0	28 r	29								
		6 Jul 71	----	0	29 r	30								
		13 Jul 71	----	0	20 r	27								
		21 Jul 71	----	0	24 r	31								
		12 Aug 71	----	0	24 r	33								
		16 Sep 71	----	0	19 r	28								
		12 Oct 71	----	0	22 r	22								
		12 Nov 71	----	0	20 r	15								
		Dec 71	----	0	17 r	16								

FLORIDA PASSAGE

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+12.0	0.0	22 May 73	1215	0	10.6	24.5								Scope, 1973
				1	13.3	23.6								
				2	16.0	23.3								
				2.5	16.9	23.3								
				3.5	17.0	23.3								
				4.5	17.6	23.3								

SECTION 4 - ST. CATHERINES

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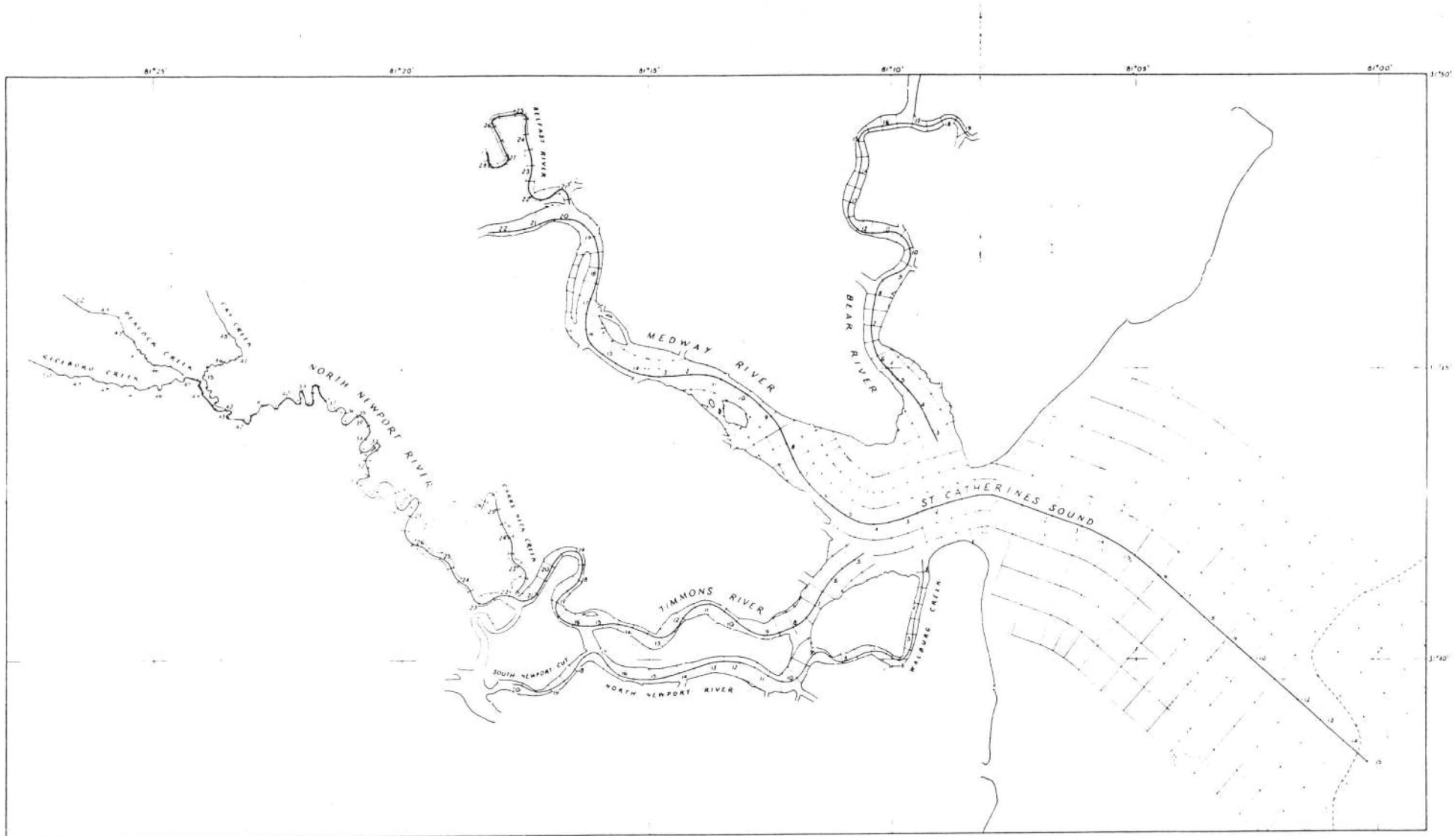


Figure 4. Station Locations, St. Catherines Section

ST. CATHERINES SOUND - MEDWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 1.8	+1.2	28 Feb 67	----	0		13.0				54				Dahlberg, 1971
		21 Mar 67	----	0	26.3	14.3								
			----	B	26.5	14.1								
		13 Apr 67	----	0	24.9	21.1								
			----	B	25.0	21.0								
		2 May 67	----	0	27.7	17.9								
				B	27.4	17.6								
		24 May 67	----	0	29.3	21.9								
				B	29.2	21.9								
		5 Jul 67	----	0	25.4	28.9	39	090						
			----	9.5	25.4	28.8	19	085						
		16 Aug 67	1715	0	31.9	26.4	34	045		83t	6.6			
				12.5	32.0	26.4	18	045		50t				
		7 Sep 67	1735	0	26.4	25.5	15			34t	5.2			
				10.5	26.5	25.5	10			14t				
		5 Oct 67	----	0	22.0	23.7					4.7	7.6		
		25 Oct 67	1500	.5	25.9	21.6	49	320		62t	8.1	8.0		
				11.5	26.0	21.8	49	325		48t				

ST. CATHERINES SOUND - MEDWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE			
+ 1.8	+1.2	15 Nov 67	----	0		15.7				52t	6.7	7.8		Dahlberg, 1971			
		6 Dec 67	----	0							8.1	7.9					
		10 Jan 68	----	0	30.1						68t	8.4					
		7 Feb 68	----	0	28.3	10.8					75t	6.8	8.1				
		28 Feb 68	----	0	28.4	8.8					65t	8.7	7.8				
		25 Mar 68	----	0	30.5	14.1						7.3					
		24 Apr 68	----	0	30.3	23.7						6.3					
		9 May 68	----	0	29.5	21.8						4.5					
		30 May 68	----	0	29.5	25.4						4.5	6.7				
		24 Jun 68	----	0	26.6	28.6						8.4	7.8				
		17 Jul 68	----	0	30.3	29.2							7.7				
		7 Aug 68	----	0	29.0	31.5					85t		7.3				
		28 Aug 68	----	0									7.8				
		27 Sep 68	----	0	31.6	27.5							7.2				
		16 Oct 68	----	0	31.8	23.2							6.9				
		21 Nov 68	----	0	32.0	12.8					44t						
		6 Jan 69	----	0	30.0	8.3											
		10 Feb 69	----	0	31.0	11.5						98t	7.6		7.8		
		+ 0.4	0.0	19 Feb 69	----	0	30.7	9.0	49	065		87t					Howard, 1971
					----	B	30.5	8.49	45	065		72t					
+ 2.3	-0.1		----	0	29.0	8.36	46	053		72t							
			----	B	30.1	8.57	44	065		63t							

ST. CATHERINES SOUND - MEDWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 4.0	0.0	19 Feb 69	----	0	30.1	8.44	49	070		68t				Howard, 1971
			----	B	29.9	8.54	42	078		64t				
+ 6.1	+0.1		----	0	27.4	8.34	48	105		73t				
			----	B	29.2	8.02	50	115		63t				
+ 8.0	0.0		----	0	28.0	8.46	44	123		66t				
			----	B	28.1	8.16	45	127		75t				
+ 9.8	0.0		----	0	28.6	8.29	47	112		67t				
			---	B	28.7	8.34	44	123		60t				
+11.7	0.0		----	0	28.2	9.12	39	085		80t				
			----	B	28.5	8.47	44	075		71t				
+13.6	0.0		----	0	27.8	8.81	39	060		79t				
			----	B	27.7	8.98	29	105		77t				
+15.4	0.0		----	0	27.7	8.81	22	123		82t				
			----	B	27.7	8.85	36	100		77t				
+17.3	-0.1		----	0	27.4	8.81	1	340		84t				
			----	B	27.5	8.97	9	325		83t				
+19.2	0.0		----	0	27.5	8.87	45	315		84t				
			----	B	27.5	9.07	31	295		78t				

ST. CATHERINES SOUND - MEDWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+20.6	0.0	19 Feb 69	----- -----	0 B	27.4 27.6	8.9 9.0	50 49	225 220		78t 77t				Howard, 1971
+ 1.8	+1.2	6 Mar 69	-----	0	26.8	11.0					7.5	6.9		Dahlberg, 1971
		1 Apr 69	-----	0							5.7			
		1 May 69	-----	0	29.5	21.9					5.8			
		2 Jun 69	-----	0	22.5	27.0				38t	4.9			
		4 Aug 69	-----	0	31.2	28.3					7.0	7.6		
		15 Dec 69	-----	0	29.0	10.8					8.2	7.9		
		30 Jan 70	-----	0	26.5	8.9						8.2		
		27 Feb 70	-----	0	24.7	12.4						8.1		
		26 Mar 70	-----	0								7.7		
		29 Apr 70	-----	0	25.5	25.1					5.1	7.9		
+ 0.6	+0.5	23 Nov 70	0630	0 6.5 12	30.7 30.6 30.8	15.4 15.5 15.6								Howard, 1971
									36 440 44					
+ 0.7	0.0		0630	0 12 24.5	30.5 30.6 30.6	15.4 15.4 15.4								
									16 24 28					
+ 1.0	-0.9		0630	0 9 18.5	30.6 30.7 30.8	15.4 15.5 15.6								
									28 28					

ST.CATHERINES SOUND - MEDWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 1.0	-0.9	23 Nov 70	0650	0			51						ebb	Howard, 1971
				9			51							
				18.5			41							
+ 0.7	0.0		0710	0			77						ebb	
				12			77							
				24.5			62							
+ 0.6	+0.5		0715	0			77						ebb	
				6.5			77							
				12			51							
			0730	0	30.1	15.4			28					
				6.5	30.3	15.3			28					
				12	30.6	15.4			36					
+ 0.7	0.0		0730	0	30.3	15.5			52					
				12	30.4	15.5			24					
				24.5	30.4	15.5			20					
+ 1.0	-0.9		0730	0	30.5	15.5			20					
				9	30.4	15.6			24					
				18.5	30.3	15.6			24					
			0750	0			36						ebb	
				9			36							
				18.5			31							

ST. CATHERINES SOUND - MEDWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 0.6	+0.5	23 Nov 70	0810	0			67						ebb	Howard, 1971
				6.5			67							
				12			51							
+ 0.7	0.0		0825	0			67						ebb	
				12			67							
				24.5			51							
+ 0.6	+0.5		0830	0	29.9	15.4			32					
				6.5	30.0	15.5		32						
				12	30.1	15.6		44						
+ 0.7	0.0		0830	0	29.7	15.4			40					
				12	30.0	15.4		24						
				24.5	30.2	15.4		16						
+ 1.0	-0.9		0830	0	29.8	15.5			12					
				9	29.9	15.6		16						
				18.5	30.0	15.5		12						
+ 0.6	+0.5		0930	0	29.3	15.5			14					
				6.5	29.5	15.5		22						
				12	29.7	15.5		20						
+ 0.7	0.0		0930	0	29.5	15.3			8					
				12	29.8	15.5		16						
				24.5	29.9	15.5		12						

ST. CATHERINES SOUND - MEDWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 1.0	-0.9	23 Nov 70	0930	0	29.7	15.6	46		16				ebb	Howard, 1971
				9	29.7	15.7	41		88					
				18.5	29.9	15.6	36		24					
+ 0.7	0.0		0940	0			41						ebb	
				12			41							
				24.5			26							
+ 0.6	+0.5		0950	0			21						ebb	
				6.5			21							
				12			15							
			1010	0			10						ebb	
				6.5			10							
				12			0							
+ 0.7	0.0		1020	0			5						ebb	
				12			0							
				24.5			0							
+ 0.6	+0.5		1030	0	29.1	15.8			4					
				6.5	29.7	15.7			8					
				12	30.0	15.5			14					
+ 0.7	0.0		1030	0	29.7	15.7			2					
				12	29.7	15.6			12					
				24.5	29.8	15.7			48					

ST. CATHERINES SOUND - MEDWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 0.6	+0.5	23 Nov 70	1230	0	30.0	15.9			24					Howard, 1971
				6.5	30.0	15.9			26					
				12	30.0	15.8			44					
+ 0.7	0.0		1230	0	30.2	15.8	72		12				flood	
				12	30.2	15.7	72		28					
				24.5	30.1	15.6	51		22					
+ 1.0	-0.9		1230	0	30.1	15.8			10					
				9	30.1	15.7			14					
				18.5	30.1	15.6								
			1250	0			67							flood
				9			72							
				18.5			51							
+ 0.6	+0.5		1330	0	30.3	16.0			26					
				6.5	30.6	15.8			42					
				12	30.8	15.6			42					
+ 0.7	0.0		1330	0	30.5	15.7	77		10				flood	
				12	30.7	15.6	77		14					
				24.5	30.6	15.4	51		32					
+ 1.0	-0.9		1330	0	30.9	15.6	62		12				flood	
				9	30.8	15.7	67		14					
				18.5	30.8	15.4	51		26					

ST. CATHERINES SOUND - MEDWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+ 0.6	+0.5	23 Nov 70	1350	0			46						flood	Howard, 1971	
				6.5			51								
				12			41								
			1430	0	30.6	15.8		32							
				6.5	30.8	15.7		56							
				12	30.9	15.7		82							
+ 0.7	0.0	1430	0	30.6	15.5	72		18				flood			
			12	30.8	15.6	72		18							
			24.5	30.6	15.5	36		28							
+ 1.0	-0.9	1430	0	29.1	18.2			12							
			9	28.9	18.5			16							
			18.5	29.8	18.5			26							
		1450	0			46								flood	
			9			46									
			18.5			26									
		1520	0			26								flood	
			9			26									
			18.5			21									
+ 0.6	+0.5	1530	0	28.1	19.0				24						
			6.5	28.1	19.1			24							
			12	28.0	19.1			22							
+ 0.7	0.0	1530	0			46			16				flood		
			12			41			16						
			24.5			26			18						

ST. CATHERINES SOUND - MEDWAY RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+1.0	-0.9	23 Nov 70	1530	0					4					Howard, 1971
				9					10					
				18.5					40					
+0.6	+0.5		1630	0					14					
				6.5					14					
				12					16					
+0.7	0.0		1630	0					14					
				12					10					
				24.5					10					
+1.0	-0.9		1630	0			26		13				ebb	
				9			21		34					
				18.5			21		14					
+0.6	+0.5		1730	0	28.2	17.8			18					
				6.5	28.9	17.4			33					
				12	29.0	17.3			15					
+0.7	0.0		1730	0					13					
				12	26.5	21.1			14					
				24.5	26.8	21.6			35					
+1.0	-0.9		1730	0					13					
				9					13					
				18.5					17					
+0.7	0.0		1750	0			67						ebb	
				12			62							
				24.5			41							

WALBURG CREEK - NORTH NEWPORT RIVER - SOUTH NEWPORT CUT

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+10.6	-0.1	13 Sep 66	----	0	28.4t							7.3		USGS, 1966
+19.5	-0.1		----	0	26.4t							7.3		
+10.6	-0.1	14 Sep66	----	0	22.8t							7.0		
+10.6	-0.1	11 Oct 66	----	0	28.9t							7.0	high	USGS, 1967
+19.5	-0.1		----	0	26.4t							7.1	high	
+10.6	-0.1	12 Oct 66	----	0	24.9t							7.0	low	
+19.5	-0.1		----	0	23.9t							7.1	low	
+10.6	-0.1	16 Nov 66	----	0	29.6t							7.4	high	
+19.5	-0.1		----	0	28.4t							7.5	high	
+10.6	-0.1	5 Dec 66	----	0	30.7t							7.6	high	
+19.5	-0.1		----	0	28.5t							7.6	high	
+10.6	-0.1	7 Dec 66	----	0	29.1t							7.5	low	
+19.5	-0.1		----	0	28.0t							7.2	low	
+10.6	-0.1	14 Jan 67	----	0	26.6t							7.2	high	
+19.5	-0.1		----	0	23.9t							7.2	high	
+10.6	-0.1	20 Jan 67	----	0	22.4t							7.3	low	
+19.5	-0.1		----	0	15.6t							7.1	low	
+10.6	-0.1	14 Feb 67	----	0	23.5t							7.4	high	
+19.5	-0.1		----	0	18.3t							7.1	high	

WALBURG CREEK - NORTH NEWPORT RIVER - SOUTH NEWPORT CUT

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 4.7	---	2 May 67	----	0	26.9	20.0								Dahlberg, 1971
			----	B	26.9	19.4								
+10.6	-0.1	16 May 67	----	0	27.8t							7.1	low	USGS, 1967
+19.5	-0.1		----	0	26.9t							7.1	low	
+11.5	---	24 May 67	----	0	28.7	21.9								Dahlberg, 1971
				B	28.5	21.8								
+ 4.7	---		----	0	29.2	21.6								
			----	B	29.3	21.5								
+10.6	-0.1	25 May 67	----	0	29.6t							7.2	high	USGS, 1967
+19.5	-0.1		----	0	28.9t							7.2	high	
+10.6	-0.1	8 Jun 67	----	0	28.9t							7.3	high	
+19.5	-0.1		----	0	29.1t							7.3	high	
+10.6	-0.1	14 Jun 67	----	0	28.7t							7.2	low	
+19.5	-0.1		----	0	28.0t							7.3	low	
+11.5	---	5 Jul 67	----	0	23.8	29.6	2	080						Dahlberg, 1971
			----	7.5	24.0	29.5	4	030						
+ 4.7	---		----	0	25.3	29.3	22	065						
			----	6	25.3	29.2	16	070						
+10.6	-0.1	18 Jul 67	----	0	21.3t							7.0	low	USGS, 1967
+19.5	-0.1		----	0	16.4t							6.8	low	

WALBURG CREEK - NORTH NEWPORT RIVER - SOUTH NEWPORT CUT

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+10.6	-0.1	19 Jul 67	----	0	25.3t							7.4	high	USGS, 1967
+19.5	-0.1		----	0	18.6t							6.9	high	
+10.6	-0.1	14 Aug 67	----	0	20.6t							6.7	low	
+19.5	-0.1		----	0	14.4t							6.5	low	
+11.5	----	16 Aug 67	1520	0	27.9	26.8	30	110		52t	6.1			Dahlberg, 1971
				5.5	27.9	26.8	19	105		48t				
+ 4.7	----		1620	0	31.3	27.0	25	360		48t	6.0			
				8	31.3	28.9	18	360		46t				
+10.6	-0.1	18 Aug 67	----	0	25.6t							6.8	high	USGS, 1967
+19.5	-0.1		----	0	19.2t							6.7	high	
+11.5	----	7 Sep 67	1550	0	23.9	25.7	57			34t	4.8			Dahlberg, 1971
				6.5	24.2	25.6	54			16t				
+ 4.7	----		1650	0	25.3	25.8	51			38t	4.8			
				6	25.9	25.8	21			30t				
+10.6	-0.1	18 Sep 67	----	0	21.9t							7.1	low	USGS, 1967
+19.5	-0.1		----	0	17.3t							7.0	low	
+10.6	-0.1	19 Sep 67	----	0	25.7t							7.5	high	
+19.5	-0.1		----	0	23.5t							7.3	high	
+11.5	----	5 Oct 67	----	0	21.8	23.7					5.0	7.6		Dahlberg, 1971
+ 4.7	----		----	0	22.6	23.8					6.1	7.6		
+11.5	----	25 Oct 67	1320	.5	24.3	22.1	41	145		73t	8.0	7.8		
				9	24.2	22.4	46	140		69t				

WALBURG CREEK - NORTH NEWPORT RIVER - SOUTH NEWPORT CUT

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 4.7	---	25 Oct 67	1415	.5 9.5	25.8 25.5	21.9 21.2	48 23	360 360		75t 44t	8.6	8.0		Dahlberg, 1971
+10.6	-0.1	26 Oct 67	1440	0	28.5t	21						7.5		USGS, 1968
+19.5	-0.1		1450	0	26.7t	21						7.5		
+10.6	-0.1	27 Oct 67	0940	0	26.6t	20						7.7		
+19.5	-0.1		0940	0	23.9t	20						7.5		
+11.5	---	15 Nov 67	---	0		16.3				74t	6.6	7.7		Dahlberg, 1971
+ 4.7	---		---	0		17.0				64t	6.6			
+10.6	-0.1	28 Nov 67	1210	0	28.9t	18						7.2		USGS, 1968
+19.5	-0.1		1245	0	27.5t	18						7.2		
+10.6	-0.1	29 Nov 67	0740	0	31.8t	17						7.3		
+19.5	-0.1		0755	0	29.8t	17						7.3		
+11.5	---	6 Dec 67	---	0						57t	8.0	7.9		Dahlberg, 1971
+ 4.7	---		---	0						46t	7.7	7.9		
+11.5	---	10 Jan 68	---	0	28.9					76t	8.5			
+ 4.7	---		---	0	29.7					61t	8.5			
+11.5	---	7 Feb 68	---	0	27.2	11.5				89t	6.8	7.9		
+ 4.7	---		---	0	29.1	11.0				80t	6.9	8.1		

WALBURG CREEK - NORTH NEWPORT RIVER - SOUTH NEWPORT CUT

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+11.5	---	28 Feb 68	----	0	28.3	9.1				75t	8.5	7.8		Dahlberg, 1971
+ 4.7	---		----	0	28.8	8.9				77t	9.0	7.8		
+11.5	---	25 Mar 68	----	0	28.1	15.3					7.3			
+ 4.7	---		----	0	29.6	14.9					7.3			
+11.5	---	24 Apr 68	----	0	28.4	24.6					6.0			
+ 4.7	---		----	0	29.5	24.3					6.7			
+11.5	---	9 May 68	----	0	28.6	22.6					4.9			
+ 4.7	---		----	0	29.5	22.3					4.8			
+11.5	---	30 May 68	----	0	29.0	25.8					4.3	6.7		
+ 4.7	---		----	0	29.9	25.5					4.4	6.6		
+11.5	---	24 Jun 68	----	0	26.7	29.3					7.0	7.5		
+ 4.7	---		----	0	26.7	28.5					8.0	7.7		
+11.5	---	17 Jul 68	----	0	30.8	26.5						7.2		
+ 4.7	---		----	0	29.1	30.3						7.3		
+11.5	---	7 Aug 68	----	0	28.3	31.3				72t		7.3		
+ 4.7	---		----	0	27.9	31.4				79t		7.4		
+11.5	---	28 Aug 68	----	0	32.6	28.3						7.7		
+ 4.7	---		----	0	32.8	27.6						7.7		

WALBURG CREEK - NORTH NEWPORT RIVER - SOUTH NEWPORT CUT

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+11.5	---	27 Sep 68	----	0	30.9	27.8						7.1		Dahlberg, 1971
+ 4.7	---		----	0	30.7	28.0						7.1		
+11.5	---	16 Oct 68	----	0	31.3	23.9						7.0		
+ 4.7	---		----	0	31.4	23.6						7.1		
+11.5	---	21 Nov 68	----	0	31.5	12.9				83t				
+ 4.7	---		----	0	32.0	12.4				88t				
+11.5	---	6 Jan 69	----	0	28.8	8.3								
+ 4.7	---		----	0	29.9	8.0								
+11.5	---	10 Feb 69	----	0	29.4	11.9								
+ 4.7	----		----	0	30.6	11.4								
+11.5	---	6 Mar 69	----	0	24.0	11.3					7.8	7.0		
+11.5	---	1 Apr 69	----	0	22.3	17.4				91t	5.8			
+ 4.7	---		----	0	28.6	17.0				89t	5.7			
+11.5	---	1 May 69	----	0	26.3	22.4					5.4			
+ 4.7	---		----	0	28.6	22.3					5.5			
+11.5	---	2 Jun 69	----	0	22.2	27.0				71t	4.5			
+ 4.7	---		----	0	23.3	27.4				68t	4.8			
+11.5	---	4 Aug 69	----	0	27.0	29.0					5.0	7.3		
+ 4.7	---	15 Dec 69	----	0	24.5	11.2					8.8	7.6		

WALBURG CREEK - NORTH NEWPORT RIVER - SOUTH NEWPORT CUT

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+11.5	---	30 Jan 70	----	0	22.7	10.1						8.0		Dahlberg,
		27 Feb 70	----	0	22.4	11.5						8.1		1971
		26 Mar 70	----	0	20.8	17.2					6.1	7.6		
		29 Apr 70	----	0	19.5	27.9					4.8	7.6		

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.9	+0.2	13 Sep 66	----	0	29.6t							7.6		USGS, 1966
+ 9.8	0.0		----	0	28.7t							7.3		
+18.4	0.0		----	0	18.3t							7.2	low	
				0	25.7t								7.4	
+47.5	0.0		----	0	6.0t							6.7		
+50.7	0.0			0	.2t								6.4	
+ 6.9	+0.2	14 Sep 66	----	0	25.7t							7.3		
+9.8	0.0		----	0	22.8t							7.2		
+26.4	0.0		----	0	15.0t							7.1	low	
				0	20.3t								7.1	
+47.5	0.0	15 Sep 66	----	0	2.1t							6.5		
+50.7	0.0		----	0	.1t							6.7		
+ 6.9	+0.2	11 Oct 66	----	0	30.2t							7.0	high	USGS, 1967
+ 9.8	0.0		----	0	28.5t							7.2	high	
+18.4	0.0		----	0	21.0t							7.0	low	
+26.4	0.0		----	0	22.4t							7.0	high	
+ 6.9	+0.2	12 Oct 66	----	0	27.6t							7.1	low	
+ 9.8	0.0		----	0	25.1t							6.9	low	
+26.4	0.0		----	0	20.1t							7.0	low	
+47.5	0.0		----	0	5.0t							6.5	low	

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.9	+0.2	16 Nov 66	----	0	30.0t							7.6	high	USGS, 1967
+ 9.8	0.0		----	0	29.3t							7.5	high	
+18.4	0.0		----	0	26.2t							7.0		
+26.4	0.0		----	0	26.6t							7.4	high	
+ 6.9	+0.2		----	0	29.3t							7.3	low	
+47.5	0.0	17 Nov 66	----	0	13.8t							6.8	low	
+50.7	0.0		----	0	1.8t							6.4	low	
+ 6.9	+0.2	5 Dec 66	----	0	31.1t							7.7	high	
+ 9.8	0.0		----	0	30.4t							7.6	high	
+18.4	0.0		----	0	28.4t							7.5	high	
+26.4	0.0		----	0	25.8t							7.7	high	
+ 6.9	+0.2	7 Dec 66	-----	0	30.2t							7.2	low	
+ 9.8	0.0		----	0	29.4t							7.5	low	
+18.4	0.0		----	0	26.9t							7.1	low	
+26.4	0.0		----	0	26.4t							7.5	low	
+47.5	0.0	8 Dec 66	----	0	13.6t							6.8	low	
+47.5	0.0	13 Dec 66	----	0	19.5t							7.4	high	
+50.7	0.0		----	0	8.7t							6.7	high	
+ 6.9	+0.2	14 Jan 67	----	0	26.7t							7.4	high	
+ 9.8	0.0		----	0	26.0t							7.3	high	
+18.4	0.0		----	0	18.3t							7.1	high	
+26.4	0.0		----	0	18.3t							6.9	high	
+47.5	0.0		----	0	. 2t							6.1	high	

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	IDR	SUSP	TURB	DO	PH	TIDE	SOURCE
+50.7	0.0	17 Jan 67	----	0	0t							6.2	high	USGS, 1967
+18.4	0.0	19 Jan 67	----	0	13.3t							7.1	low	
+47.5	0.0		----	0	.1t							6.2	low	
+ 6.9	+0.2	20 Jan 67	----	0	24.9t							7.4	low	
+ 9.8	0.0		----	0	23.1t							7.3	low	
+26.4	0.0		----	0	5.7t							6.7	low	
+ 6.9	+0.2	14 Feb 67	----	0	24.9t							7.2	high	
+ 9.8	0.0		----	0	24.0t							7.1	high	
+18.4	0.0		----	0	15.4t							6.9	high	
+26.4	0.0		----	0	14.1t							6.9	high	
+47.5	0.0		----	0	.2t							6.2	high	
+ 6.9	+0.2	20 Feb 67	----	0	24.2t							7.3	low	
+ 9.8	0.0		----	0	21.5t							7.1	low	
+18.4	0.0		----	0	14.0t							6.8	low	
+26.4	0.0		----	0	10.3t							7.0	low	
+47.5	0.0		----	0	.1t							6.9	low	
+50.7	0.0		----	0	.1t							6.2	low	
		24 Feb 67	----	0	0 t							6.1	high	
+47.5	0.0	17 Mar 67	----	0	.8t							7.2	high	
+50.7	0.0		----	0	.1t							6.1	high	

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+26.0	---	14 Apr 67	----	0	17.8	22.7								Dahlberg, 1971
				B	17.9	22.2								
+ 6.9	+0.2	18 Apr 67	----	0	27.8t							7.5	high	USGS, 1967
+ 9.8	0.0		----	0	26.9t							7.5	high	
+18.4	0.0		----	0	21.7t							7.2	low	
+26.4	0.0		----	0	20.1t							7.3	low	
+47.5	0.0		----	0	6.1t							7.0	high	
+50.7	0.0		----	0	.8t							6.8	high	
+26.4	0.0		----	0	21.7t							7.3	high	
+47.5	0.0	19 Apr 67	----	0	4.6t							6.9	low	
+ 5.8	0.0	2 May 67	----	0	26.9	20.1								Dahlberg, 1971
				B	26.7	20.0								
+13.0	---		----	0	25.9	20.8								
				B	25.5	20.5								
+21.5	---	3 May 67	----	0	21.5	22.4								
				B	21.6	22.0								
+26.0	---		----	0	19.7	21.8								
				B	19.8	21.7								

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.9	+0.2	16 May 67	----	0	28.4t							7.1	low	USGS, 1967
+ 9.8	0.0		----	0	27.8t							7.2	low	
+18.4	0.0		----	0	24.9t							7.1	low	
+26.4	0.0		----	0	24.4t							7.1	low	
+47.5	0.0		----	0	13.3t							6.7	low	
+50.7	0.0		----	0	5.1t							6.4	low	
+ 5.8	0.0	24 May 67	----	0	30.8	21.7								Dahlberg, 1971
				B	30.0	21.1								
+13.0	---		----	0	26.0	22.3								
				B	26.0	22.5								
+21.5	---	25 May 67	----	0	30.2	22.3								
				B	30.1	22.0								
+26.0	---		----	0	29.4	19.4								
				B	29.0	19.9								
+ 6.9	+0.2		----	0	30.1t							7.5	high	USGS, 1967
+ 9.8	0.0		----	0	29.6t							7.4	high	
+18.4	0.0		----	0	27.6t							7.2	high	
+26.4	0.0		----	0	26.9t							7.2	high	
+47.5	0.0		----	0	16.4t							6.9	high	
+50.7	0.0		----	0	6.9t							6.3	high	

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.9	+0.2	8 Jun 67	----	0	28.9t							7.3	high	USGS, 1967
+ 9.8	0.0		----	0	27.6t							7.2	high	
+18.4	0.0		----	0	28.2t							7.2	high	
+26.4	0.0		----	0	27.5t							7.2	high	
+47.5	0.0		----	0	17.7t							6.9	high	
+50.7	0.0		----	0	10.0t							6.6	high	
+ 6.9	+0.2	14 Jun 67	----	0	28.9t							7.3	low	
+ 9.8	0.0		----	0	28.9t							7.4	low	
+18.4	0.0		----	0	27.3t							7.2	low	
+26.4	0.0		----	0	26.6t							7.1	low	
+47.5	0.0		----	0	16.9t							6.8	low	
+50.7	0.0		----	0	8.9t							6.5	low	
+ 5.8	0.0	5 Jul 67	----	0	25.0	29.4	30	075						Dahlberg, 1971
			----	12.5	25.1	29.5	26	075						
+13.0	---		----	0	24.4	29.3	23	080						
			----	10.5	24.3	29.3	8	045						
+21.5	---	6 Jul 67	----	0	23.3	29.2	6	360						
			----	6	23.3	29.2	7	020						
+26.0	---		----	0	23.0	28.9	9	070						
			----	7.5	22.8	28.8	11	080						

RICEBORO CREEK - TIMMONS RIVER - NORTH NWQPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.9	+0.2	18 Jul 67	----	0	25.3t							7.0	low	USGS, 1967
+ 9.8	0.0		----	0	21.7t							6.7	low	
+18.4	0.0		----	0	15.8t							6.7	low	
+26.4	0.0		----	0	11.7t							6.7	low	
+ 6.9	+0.2	19 Jul 67	----	0	26.7t							7.0	high	
+9.8	0.0		----	0	25.7t							7.1	high	
+18.4	0.0		----	0	14.5t							6.9	high	
+26.4	0.0		----	0	15.3t							6.8	high	
+47.5	0.0	20 Jul 67	----	0	.2t							6.0	low	
+50.7	0.0		----	0	.1t							5.9	low	
+47.5	0.0		----	0	.5t							6.1	high	
+13.0	---	26 Jul 67	----	1.5	21.5	29.1				64t				Dahlberg, 1971
+21.5	---		----	0	11.6	30.0								
			----	7.5	12.0	29.5								
+26.0	---		----	0	9.9	28.4				34t				
			----	6	10.0	28.1				34t				

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 6.9	+0.2	14 Aug 67	----	0	25.1t							6.8	low	USGS, 1967
+ 9.8	0.0		----	0	20.4t							7.1	low	
+18.4	0.0		----	0	11.9t							6.5	low	
+26.4	0.0		----	0	8.2t							6.7	low	
+47.5	0.0		----	0	.1t							5.8	low	
+50.7	0.0		----	0	0 t							6.0	low	
+ 5.8	0.0	16 Aug 67	1800	0	30.4	26.4	10	360		76t	5.3			Dahlberg, 1971
				13	30.9	26.7	7	360		28t				
+13.0	---		1840	0	28.6	26.5	6	200		83t	5.4			
				9.5	28.8	26.7	1	360		80t				
+21.5	---	17 Aug 67	0905	0	13.2	26.2	28	050		31t	6.2			
				10	13.7	26.2	10	050		28t				
+26.0	---		0800	0	14.1	26.6	4	330		60t	5.7			USGS, 1967
				7	15.0	26.6	1	015		40t				
+ 9.8	0.0		----	0	26.0t							6.8	high	
+ 6.9	+0.2	18 Aug 67	----	0	27.3t							7.2	high	
+18.4	0.0		----	0	12.0t							6.5	high	
+26.4	0.0		----	0	12.8t							6.6	high	
+47.5	0.0		----	0	.2t							5.9	high	
+50.7	0.0		----	0	24.8t							5.7	high	
+ 5.8	0.0	7 Sep 67	1805	0	25.2	25.7	28			45t	3.6			Dahlberg, 1971
				6.5	24.7	25.7	26		40t					

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOUR CE
+13.0	---	8 Sep 67	0700	0	22.0	25.6	54			64t	4.6			Dahlberg, 1971
				9	22.2	25.6	5			40t				
+21.5	---		1100	0	16.1	26.0	15			52t	3.6			
				6	16.2	26.0	5			36t				
+26.0	---		0955	0	13.9	25.7	57			38t	3.7			
				8	14.2	25.8	51			30t				
+ 6.9	+0.2	18 Sep 67	----	0	24.8t							7.2	low	USGS, 1967
+ 9.8	0.0		----	0	22.8t							7.2	low	
+18.4	0.0		----	0	15.2t							7.1	low	
+26.4	0.0		----	0	12.9t							6.9	low	
+47.5	0.0	--	--	0	1.1t							6.5	low	
+50.7	0.0		----	0	.2t							6.3	low	
+ 6.9	+0.2	19 Sep 67	----	0	26.9t							7.5	high	
+ 9.8	0.0		----	0	25.8t							7.4	high	
+18.4	0.0		----	0	17.9t							7.3	high	
+26.4	0.0		----	0	17.1t							7.1	high	
+47.5	0.0		----	0	3.6t							6.5	high	
+50.7	0.0		----	0	.4t							6.1	high	
+ 5.8	0.0	5 Oct 67	----	0	21.2	23.9					4.9	7.6		Dahlberg, 1971
+13.0	---		----	0	18.2	23.7					5.1	7.5		
+21.5	---		----	0	18.5	23.1					4.7	7.4		
+26.0	---		----	0	16.6	23.0					5.2	7.3		

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+ 5.8	0.0	25 Oct 67	----	.5	24.6	22.0	72	347		56t	7.2	7.8		Dahlberg, 1971	
				7	24.4	22.1	57	349		52t					
+13.0	---		----	.5	23.5	21.8	67	317		62t	7.3	7.7			
				5	23.3	22.0	67	320		58t					
+21.5	---	26 Oct 67	----	.5	20.3	20.1	22	280		66t	7.0	7.5			
				4.5	20.2	20.3	18	265		70t					
+26.0	---		----	.5	18.1	20.1	19	350		68t	6.5	7.4			
				6	18.1	20.0	15	360		66t					
+ 6.9	+0.2		----	0	29.8t	21						7.4		USGS, 1968	
+ 9.8	0.0		----	0	28.7t	21						7.4			
+18.4	0.0		----	0	26.2t	21						7.4			
+26.4	0.0		----	0	23.1t	21						7.5			
+47.5	0.0		----	0	10.5t	21						7.1			
+50.7	0.0		----	0	5.2t	21						7.9			
+ 6.9	+0.2	27 Oct 67	----	0	28.4t	20						7.6			
+ 9.8	0.0		----	0	27.1t	20						7.7			
+18.4	0.0		----	0	23.0t	21						7.6			
+26.4	0.0		----	0	20.8t	20						7.5			
+47.5	0.0		----	0	8.3t	19						7.0			
+50.7	0.0		----	0	1.1t	16						6.8			

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 5.8	0.0	15 Nov 67	----	0		16.0				50t	6.8	7.8		Dahlberg, 1971
+13.0	---		----	0		15.7				65t	6.7	7.7		
+21.5	---		----	0		14.6				59t	7.9	7.6		
+26.0	---		----	0		14.9				58t	7.5	7.5		
+ 6.9	+0.2	28 Nov 67	1155		29.4t	18						7.3		USGS, 1968
+ 9.8	0.0		1140		28.5t	18						7.1		
+18.4	0.0		1125		26.4t	18						7.0		
+26.4	0.0		1320		24.9t	18						7.0		
+47.5	0.0		1420		12.1t	17						6.7		
+50.7	0.0		1505		2.8t							6.5		
+ 6.9	+0.2	29 Nov 67	0725		32.3t	16						7.6		
+ 9.8	0.0		0715		31.4t	17						7.5		
+18.4	0.0		0655		29.4t	17						7.3		
+26.4	0.0		0845		27.3t	17						7.1		
+47.5	0.0		0915		18.3t	16						6.8		
+50.7	0.0		1055		11.0t							6.6		
+ 5.8	0.0	6 Dec 67	----	0						36t	7.7	7.8		Dahlberg, 1971
+13.0	---		----	0						40t	7.6	7.7		
+21.5	---		----	0						56t	7.6	7.6		
+26.0	---		----	0						38t	7.5	7.5		

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 5.8	0.0	10 Jan 68	----	0	28.7					72 t	7.9			Dahlberg, 1971
+13.0	---		----	0	28.8					77 t	8.1			
+21.5	---		----	0	26.9					64 t	9.0			
+26.0	---		----	0	26.1					62 t	9.2			
+ 5.8	0.0	7 Feb 68	----	0	27.3	11.0				87t	6.9	7.9		
+13.0	---		----	0	28.0	11.0				90t	7.0	7.8		
+21.5	---		----	0	26.2	10.4				86t	8.5	7.7		
+26.0	---		----	0	25.6	10.4				84t	8.9	7.7		
+ 5.8	0.0	28 Feb 68	----	0	28.3	9.1				77t	8.4	7.8		
+13.0	---		----	0	26.9	10.0				74t	8.8	7.7		
+21.5	---		----	0	26.6	10.4				60t	8.7	7.6		
+26.0	---		----	0	26.2	10.4				73t	8.2	7.6		
+ 5.8	0.0	25 Mar 68	----	0	29.7	14.6					7.4			
+13.0	---		----	0	28.4	15.2					7.5			
+21.5	---		----	0	25.6	16.0					6.7			
+26.0	---		----	0	25.1	15.8					6.8			
+ 5.8	0.0	24 Apr 68	----	0	29.8	23.5					6.3			
+13.0	---		----	0	28.9	23.3					6.3			
+21.5	---		----	0	28.0	24.0					5.4			
+26.0	---		----	0	27.8	24.0					5.5			

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+48.8	0.0	9 Jul 68	----	0	0.5							6.1	low	Dahlberg, 1971
+50.7	0.0		----	0	0.1							5.5	low	
+48.8	0.0		----	0	3.0							6.5	high	
+50.7	0.0		----	0	0.2							5.7	high	
+ 5.8	0.0	17 Jul 68	----	0	29.0	29.5						7.5		
+13.0	---		----	0	26.8	30.0						7.3		
+21.5	---		----	0	19.6	29.2						7.1		
+26.0	---		----	0	18.2	30.1						7.0		
+16.0	---	24 Jul 68	----	0	27.3	29.0							high	
+22.0	---		----	0	22.2	29.0							high	
+28.5	---		----	0	18.5	29.5							high	
+38.4	0.0		----	0	11.5	29.0							high	
+41.2	0.0		----	0	7.9	29.0							high	
+44.9	0.0		----	0	4.8	28.5							high	
+46.5	0.0		----	0		28.5							high	
+48.8	0.0		----	0								5.8	low	
+50.7	0.0		----	0								5.2	low	
+48.8	0.0		----	0								6.4	high	
+50.7	0.0		----	0								6.0	high	

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+48.8	0.0	5 Sep 68	----	0	4.4								high	Dahlberg, 1971
+50.7	0.0		----	0	0.1								high	
+16.0	---	12 Sep 68	----	0	31.2	28.0							high	
+22.0	---		----	0	27.8	28.3							high	
+28.5	---		----	0	26.1	28.8							high	
+38.4	0.0		----	0	19.5	28.3							high	
+41.2	0.0		----	0	16.8	28.3							high	
+44.9	0.0		----	0	18.0	28.3							high	
+46.5	0.0		----	0	7.8	27.8							high	
+ 5.8	0.0	27 Sep 68	----	0	31.3	27.6						7.3		
+13.0	---		----	0	31.0	27.6						7.1		
+21.5	---		----	0	26.3	27.4						7.2		
+26.0	---		----	0	24.0	26.8						7.2		
+16.0	---	1 Oct 68	----	0	33.0	28.3							high	
+22.0	---		----	0	20.5	28.0							high	
+28.5	---		----	0	29.4	27.8							high	
+38.4	0.0		----	0	25.2	27.2							high	
+41.2	0.0		----	0	21.3	27.0							high	
+44.9	0.0		----	0	18.7	26.3							high	
+46.5	0.0		----	0	12.1	26.0							high	
+ 9.8	0.0		0955		27.3									USGS, 1969
+18.4	0.0		1005		25.0	26								
+26.4	0.0		1025		22.7	25								
+47.5	0.0		1150		6.8	24								
+50.7	0.0		1210		3.5	22								

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+48.8	0.0	6 Oct 68	----	0	9.5							7.0	low	Dahlberg,
+50.7	0.0		----	0	6.5							7.0	low	1971
+48.8	0.0		----	0	13.6							7.2	high	
+50.7	0.0		----	0	10.5							7.0	high	
+ 5.8	0.0	16 Oct 68	----	0	31.6	26.0						7.0		
+13.0	---		----	0	31.3	23.9						6.9		
+21.5	---		----	0	27.1	24.2						6.9		
+26.0	---		----	0	28.0	24.3						7.0		
+16.0	---	5 Nov 68	----	0	29.1	19.8							high	
+22.0	---		----	0	28.7	18.8							high	
+28.5	---		----	0	26.2	18.5							high	
+38.4	0.0		----	0	24.0	18.0							high	
+41.2	0.0		----	0	23.0	17.9							high	
+44.9	0.0		----	0	17.0	17.5							high	
+50.7	0.0		----	0	8.0	17.2							high	
+48.8	0.0	13 Nov 68	----	0	0.9							5.9	low	
+50.7	0.0		----	0	0.9							6.6	low	
+48.8	0.0		----	0	2.5							7.3	high	
+50.7	0.0		----	0	2.7							7.5	high	

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	0.0	14 Nov 68	1030		26.9	12								USGS, 1969
+18.4	0.0		1045		24.8	12								
+26.4	0.0		1100		22.7	12								
+47.5	0.0		1305		2.2	10								
+50.7	0.0		1325		0	7								
+ 5.8	0.0	21 Nov 68	----	0	31.2	12.7				79				Dahlberg,
+13.0	---		----	0	29.0	12.5				73				D 71
+21.5	---		----	0	27.8	11.3				68				
+26.0	---		----	0	26.7	11.8				77				
+16.0	---	5 Dec 68	----	0	30.2	13.9							high	
+22.0	---		----	0	29.0	13.8							high	
+28.5	---		----	0	26.8	14.0							high	
+38.4	0.0		----	0	21.8	13.8							high	
+41.2	0.0		----	0	16.0	13.7							high	
+44.9	0.0		----	0	9.8	14.0							high	
+46.5	0.0		----	0	4.8	13.5							high	
+18.4	0.0		1100		23.4	13								USGS, 1969
+47.5	0.0		1150		2.3	13								
+50.7	0.0		1210		0	8								
+48.8	0.0	13 Dec 68	----	0	0.7							6.7	low	Dahlberg,
+50.7	0.0		----	0	1.5							6.8	low	1971

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+48.8	0.0	13 Dec 68	----	0	2.3							6.9	high	Dahlberg, 1971
+50.7	0.0		----	0	2.9							7.0	high	
+ 5.8	0.0	6 Jan 69	-----	0	29.2	8.1								
+13.0	---		----	0	26.7	8.4								
+21.5	---		----	0	23.9	7.5								
+26.0	---		----	0	21.7	8.0								
+16.0	---	22 Jan 69	----	0	29.3	10.5							high	
+28.5	---		----	0	23.9	11.5							high	
+38.4	0.0		----	0	18.2	11.0							high	
+41.2	0.0		----	0	13.8	11.0							high	
+44.9	0.0		----	0	10.7	11.5							high	
+46.5	0.0		----	0	3.7	12.0							high	
+ 9.8	0.0		1055		25.5	10								USGS, 1969
+18.4	0.0		1145		23.4	10								
+26.4	0.0		1130		19.9	11								
+47.5	0.0		1315		2.4	11								
+50.7	0.0		1345		0	10								
+ 5.8	0.0	10 Feb 69	----	0	29.9	11.5								Dahlberg, 1971
+13.0	---		----	0	28.9	12.0			92t		7.9	7.6		
+21.5	---		----	0	25.4	11.6								
+26.0	---		----	0	23.6	11.7			90t		8.2	7.5		
+48.8	0.0	20 Feb 69	----	0	0.1							6.4	low	
+50.7	0.0		----	0	0.1							6.7	low	

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+48.8	0.0	20 Feb 69	----	0	0.1							6.7	high	Dahlberg, 1971
+50.7	0.0		----	0	0.0							6.7	high	
+ 9.8	0.0	5 Mar 69	1015		24.2	10								USGS, 1969
+18.4	0.0		1140		24.7									
+26.4	0.0		1120		18.5									
+47.5	0.0		1240		1.5									
+50.7	0.0		1250		0									
+ 5.8	0.0	6 Mar 69	----	0	26.8	10.8					7.5	7.3		Dahlberg, 1971
+13.0	---		----	0	24.8	10.9					7.2	7.2		
+21.5	---		----	0	16.9	10.7					8.0	7.2		
+26.0	---		----	0	15.8	10.8					8.5	7.0		
+16.0	---	13 Mar 69	----	0	23.9									
+22.0	---		----	0	19.5									
+28.5	---		----	0	16.2									
+38.4	0.0		----	0	3.3									
+41.2	0.0		----	0	0.7									
+44.9	0.0		----	0	0.7									
+46.5	0.0		----	0	0.5									
+48.8	0.0	25 Mar 69	----	0	0.1							5.9	low	
+50.7	0.0		----	0	0.1							5.4	low	

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TUEB	DO	PH	TIDE	SOURCE
+38.4	0.0	14 May 69	----	0	12.2	23.1								Dahlberg, 1971
+41.2	0.0		----	0	10.6	23.1								
+44.9	0.0		----	0	3.1	23.2								
+16.0	---	16 May 69	----	0	27.8									
+22.0	---		----	0	24.3									
+28.5	---		----	0	21.2									
+38.4	0.0	20 May 69	----	0	15.6									
+41.2	0.0		----	0	12.3									
+44.9	0.0		----	0	7.9									
+46.5	0.0		----	0	4.6									
+48.8	0.0		----	0	1.9									low
+50.7	0.0	----	0	0.2									low	
+48.8	0.0	20 May 69	----	0	2.5									high
+50.7	0.0		----	0	0.3									high
+13.0	---	2 Jun 69	----	0	22.5	27.6				73t	4.9			
+21.5	---		----	0	20.2	28.3				79t	5.5			
+26.0	---		----	0	14.0	28.1				70t	4.9			
+ 9.8	0.0	4 Jun 69	1030	0	19.9	26								USGS, 1969
+18.4	0.0		1140	0	19.8	26								
+26.4	0.0		1125	0	18.5	27								
+47.5	0.0		1310	0	.4	24								
+50.7	0.0		1255	0	0	23								

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+ 9.8	0.0	30 Jul 69	1110	0	26.9t	29						7.1		USGS, 1969
+18.4	0.0		1210	0	22.2t	29						6.9		
+26.4	0.0		1155	0	17.9t	29						6.8		
+47.5	0.0		1320	0	1.9t	29						6.7		
+50.7	0.0		1345	0	.4t	26						6.6		
+13.0	---	4 Aug 69	----	0	26.8	28.6					5.9	7.3		Dahlberg,
+26.0	---		----	0	18.7	29.0					5.0	7.3		1971
+16.0	---	13 Aug 69	----	0	25.0	29.3				91s	6.3	7.0	high	
+22.0	---		----	0	19.7	29.3				66s	5.9	6.6	high	
+28.5	---		----	0	16.2	29.2				51s	5.4	6.7	high	
+38.4	0.0		----	0	6.4	28.6				36s	4.0	6.9	high	
+41.2	0.0		----	0	2.3	28.3				30s	3.8	6.8	high	
+44.9	0.0		----	0	0.6	27.5				30s	3.8	6.8	high	
+46.5	0.0		----	0	0.3	26.6				30s	4.4	7.1	high	
+ 9.8	0.0	27 Aug 69	0915	0	23.8t	27						6.9		USGS, 1969
+18.4	0.0		1030	0	17.4t	27						6.9		
+26.4	0.0		1015	0	9.1t	27						6.7		
+47.5	0.0		1200	0	0 t	25						6.1		
+50.7	0.0		1245	0	0 t	24						6.0		
+16.0	---	18 Sep 69	----	0	16.4	27.4						7.3	high	Dahlberg,
+22.0	---		----	0	11.3	27.8						7.2	high	1971
+28.5	---		----	0	8.4	27.4						7.1	high	

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+38.4	0.0	18 Sep 69	----	0	3.3	27.2						7.0	high	Dahlberg,
+41.2	0.0		----	0	2.0	27.0						6.8	high	1971
+44.9	0.0		----	0	0.8	26.7						6.9	high	
+46.5	0.0		----	0	0.3	26.5						7.1	high	
+ 9.8	0.0	14 Oct 69	0900	0	23.8t	24.0					6.5			USGS, 1970
+18.4	0.0		1000	0	19.2t	24.8					5.7			
+26.4	0.0		0950	0	11.2t	24.5					5.2			
+47.5	0.0		1115	0	.4t	22.5					5.1			
+50.7	0.0		1155	0	0 t	20.0					3.0			
+16.0	---	22 Oct 69	----	0	23.0	23.4							high	Dahlberg,
+22.0	---		----	0	20.1	23.6							high	1971
+28.5	---		----	0	15.2	23.5							high	
+38.4	0.0		----	0	9.8	23.1							high	
+41.2	0.0		----	0	7.6	23.0							high	
+44.9	0.0		----	0	4.4	22.4							high	
+46.5	0.0		----	0	2.1	21.6							high	
+ 9.8	0.0	4 Nov 69	0930	0	20.2t	18.0					7.8	7.8		USGS, 1970
+18.4	0.0		1115	0	12.6t	17.5					7.2	6.8		
+26.4	0.0		1045	0	6.1t	18.0					6.7	7.0		
+47.5	0.0		1215	0	0 t	15.5					6.0	7.7		
+50.7	0.0		1300	0	0 t	15.5					4.5	7.6		

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PHI	TIDE	SOURCE
+16.0	---	24 Nov 69	----	0	21.9	13.9						7.6	high	Dahlberg, 1971
+22.0	---		----	0	16.7	13.8						7.3	high	
+28.5	---		----	0	14.9	13.8						7.2	high	
+38.4	0.0		----	0	8.7	13.2						7.0	high	
+41.2	0.0		----	0	6.3	13.1						7.0	high	
+44.9	0.0		----	0	3.3	13.0						6.9	high	
+46.5	0.0		----	0	1.5	12.8						7.1	high	
+13.0	---	15 Dec 69	----	0	23.9	11.4					8.6	7.6		
+26.0	---		----	0	14.9	11.2					8.8	7.4		
+16.0	---	16 Dec 69	----	0	22.8	10.8					10.2	7.5	high	
+22.0	---		----	0	18.6	10.6					9.8	7.4	high	
+28.5	---		----	0	16.1	10.7					9.2	7.4	high	
+38.4	0.0		----	0	6.9	10.3					8.4	7.3	high	
+41.2	0.0		----	0	3.0	9.9					8.2	7.1	high	
+44.9	0.0		----	0	0.8	9.0					8.2	7.0	high	
+46.5	0.0		----	0	0.3	8.4					8.0	6.7	high	
+ 9.8	0.0	30 Dec 69	1045	0	24.8t	11.0					10.0			USGS, 1970
+18.4	0.0		1200	0	20.8t	11.0					9.6			
+26.4	0.0		1130	0	14.6t	11.0					10.0			
+47.5	0.0		1330	0	.1t	9.5					8.7			
+50.7	0.0		1400	0	0 t	11.5					8.0			

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+16.0	---	21 Jan 70	----	0	21.6	7.5						8.0	high	Dahlberg,
+22.0	---		----	0	15.7	7.7						7.9	high	1971
+28.5	---		----	0	12.5	7.6						7.7	high	
+38.4	0.0		----	0	3.9	7.7						7.0	high	
+41.2	0.0		----	0	1.2	8.2						6.8	high	
+44.9	0.0		----	0	0.6	9.3						6.7	high	
+46.5	0.0		----	0	0.4	8.9						6.7	high	
+ 9.8	0.0	27 Jan 70	1035	0	23.8t	8.0					9.0	8.0		USGS, 1970
+18.4	0.0		1140	0	18.8t	8.4					8.6	7.8		
+26.4	0.0		1120	0	12.1t	8.8					8.3	7.4		
+47.5	0.0		1250	0	.1t	9.8					8.0	7.3		
+50.7	0.0		1340	0	.1t	11.0					6.7	6.7		
+13.0	---	30 Jan 70	----	0	21.6	10.4						7.9		Dahlberg,
+26.0	---		----	0	9.2	10.8						7.4		1971
+16.0	---	21 Feb 70	----	0	22.3	9.5				107s	11.6	7.3	high	
+22.0	---		----	0	17.3	10.0				61s	11.3	7.6	high	
+28.5	---		----	0	13.2	10.0				38s	10.3	7.7	high	
+38.4	0.0		----	0	4.0	9.8				46s	10.0	7.7	high	
+41.2	0.0		----	0	1.5	10.0				36s	9.3	7.6	high	
+44.9	0.0		----	0	0.4	10.0				33s	8.6	7.5	high	
+46.5	0.0		----	0	0.4	10.0				38s	9.0	7.4	high	

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+13.0	---	27 Feb 70	----	0	20.8	11.7								Dahlberg, 1971
+26.0	---		----	0	8.5	12.2								
+ 9.8	0.0	10 Mar 70	1045	0	24.4t	15.0					9.6	7.9		USGS, 1970
+18.4	0.0		1200	0	21.7t	16.0					9.1	7.6		
+26.4	0.0		1145	0	15.4t	16.1					8.2	7.6		
+47.5	0.0		1340	0	.1t	16.0					7.3	7.6		
+50.7	0.0		1430	0	.1t	19.0					7.0	7.0		
+47.5	0.0	11 Mar 70	1700	0		17.5					8.1	7.9		
+13.0	---	26 Mar 70	----	0		15.8					5.8			Dahlberg, 1971
+21.5	---		----	0	2.4									
+26.0	---		----	0	4.8	12.2					6.4			
+16.0	---	5 Apr 70	----	0	16.7	15.3							high	
+22.0	---		----	0	8.1	15.8							high	
+28.5	---		----	0	4.0	16.7							high	
+38.4	0.0		----	0	0.9	17.4							high	
+41.2	0.0		----	0	0.5	17.6							high	
+44.9	0.0		----	0	0.4	17.8							high	
+46.5	0.0		----	0	0.4	16.7							high	
+16.0	---		14 Apr 70	----	0	12.7	21.3				76s	9.8	7.1	
+22.0	---	----		0	9.3	21.0				61s	7.6	7.0	high	
+18.5	---	----		0	6.2	20.9				46s	7.2	6.8	high	

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+38.4	0.0	14 Apr 70	----	0	1.6	20.4				46s	7.2	6.6	high	Dahlberg,
+41.2	0.0		----	0	0.8	20.3				38s	6.0	6.6	high	1971
+44.9	0.0		----	0	0.3	20.3				30s	6.3	6.7	high	
+46.5	0.0		----	0	0.2	21.0				30s	6.0	7.0	high	
+ 9.8	0.0	21 Apr 70	1020	0	19.3t	21.0						7.6		USGS, 1970
+18.4	0.0		1135	0	11.0t	22.0						7.2		
+26.4	0.0		1120	0	7.7t	22.0						7.3		
+47.5	0.0		1345	0	.2t	23.0						7.3		
+50.7	0.0		1625	0	0 t	23.0						6.8		
+13.0	---	29 Apr 70	----	0		26.3					5.1			Dahlberg,
+21.5	---		----	0								10.9		1971
+26.0	---		----	0		26.6					5.3	12.2		
+ 9.8	0.0	26 May 70	1100	0	24.2t	25.0					6.9	7.7		USGS, 1970
+18.4	0.0		1205	0	19.2t	25.5					6.6	7.5		
+26.4	0.0		1150	0	15.7t	25.0					6.8	7.5		
+47.5	0.0		1320	0	3.0t	24.0					4.9	6.8		
+16.0	---	28 May 70	----	0	23.0	27.4				51s	5.1	7.6	high	Dahlberg,
+22.0	---		----	0	20.2	27.1				61s	4.3	7.8	high	1971
+28.5	---		----	0	17.5	27.3				56s	4.3	7.8	high	
+38.4	0.0		----	0	12.7	27.5				48s	4.1	7.8	high	
+41.2	0.0		----	0	10.1	27.1				61s	4.0	7.7	high	
+44.9	0.0		----	0	6.8	27.1				51s	3.9	7.6	high	
+46.5	0.0		----	0	4.1	27.4				61s	3.9	7.4	high	

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+22.0	---	28 May 70	----	0	17.3	27.7							low	Dahlberg, 1971
+28.5	---		----	0	15.2	27.4							low	
+38.4	0.0		----	0	7.7	26.3							low	
+41.2	0.0		----	0	5.5	26.7							low	
+44.9	0.0		----	0	2.7	26.6							low	
+46.5	0.0		----	0	2.2	26.9							low	
+ 9.8	0.0	23 Jun 70	1025	0	22.4t	29.8					5.1	7.6		USGS, 1970
+18.4	0.0		1120	0	19.7t	29.8					5.1	7.4		
+26.4	0.0		1110	0	14.6t	29.8					4.4	7.2		
+47.5	0.0		1230	0	.9t	29.6					3.5	7.3		
+50.7	0.0		1315	0	.2t	28.0					3.4	7.2		
+16.0	---	6 Jul 70	----	0	23.0	29.7				76s	4.8		high	Dahlberg, 1971
+22.0	---		----	0	19.8	29.5				76s	4.6		high	
+28.5	---		----	0	17.5	29.6				76s	4.5		high	
+38.4	0.0		----	0	10.8	29.8				61s	3.9		high	
+41.2	0.0		----	0	7.9	29.8				61s	3.8		high	
+44.9	0.0		----	0	4.6	29.5				66s	3.3		high	
+46.5	0.0		----	0	2.0	29.3				38s	3.4		high	
+ 9.8	0.0	21 Jul 70	1015	0	28.2t	28.9					5.2	7.6		USGS, 1970
+18.4	0.0		1120	0	24.9t	28.9					5.0	7.6		
+26.4	0.0		1105	0	19.0t	29.0					5.0	7.3		
+47.5	0.0		1230	0	2.4t	29.0					4.0	7.6		
+50.7	0.0		1305	0	.5t	28.0					5.8	7.3		

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.4	0.0	30 Sep 70	1100	0	22.6t	26.0					5.8	7.0		USGS, 1970
+18.4	0.0	20 Oct 70	1045	0	25.1t	21.0				12s	7.1	7.4		
+26.4	0.0		1015	0	22.2t	21.0				17s	6.5	7.2		
+47.5	0.0		1300	0	6.9t	19.2				26s	6.5	7.1		
+50.7	0.0		1350	0	.8t	19.0				10s	7.5	7.2		
+18.4	0.0	17 Nov 70	1130	0	27.6t	15.0				30s	8.6	7.5		
+18.4	0.0	1 Dec 70	1000	0	30.0t	14.0				66s	9.0	7.5		USGS, 1971
+26.4	0.0		1020	0	26.9t	14.0				76s	8.8	7.4		
+47.5	0.0		1140	0	8.8t	14.0				56s	9.2	7.2		
+50.7	0.0		1450	0	.8t	14.0				36s	7.7	6.7		
+18.4	0.0	5 Jan 71	1200	0	24.8t	13.0				61s	9.0	7.3		
		16 Feb 71	1220	0	21.7t	10.2				74s	10.2	7.8		
+26.4	0.0		1200	0	16.3t	13.9				61s	8.8	6.9		
+47.5	0.0		1340	0	.1t	10.1				30s	8.9	7.4		
+50.7	0.0		1415	0	.0t	11.0				76s	9.6	6.9		
+18.4	0.0	16 Mar 71	1100	0	20.8t	17.2				76s	8.4	7.4		
		27 Apr 71	0945	0	19.9t	22.8				46s	7.4	7.2		
+26.4	0.0		1000	0	16.3t	22.4				46s	5.7	6.9		
+47.5	0.0		1140	0	.7t	22.0				25s	5.2	7.0		
+50.7	0.0		1215	0	0 t	21.0				61s	5.8	6.0		

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.4	0.0	25 May 71	0900	0	22.2t	25.0				46s	5.8	7.2		USGS, 1971
		24 Jun 71	0930	0	23.7t	27.3				61s	5.5	7.1		
+26.4	0.0		0940	0	20.1t	28.0				61s	5.1	7.2		
+47.5	0.0		1215	0	6.1t	28.8				23s	3.6			
+50.7	0.0		1250	0	.1t	26.0				25s	4.7			
+18.4	0.0	13 Jul 71	0915	0	15.7t	28.5				61s	3.3			
		24 Aug 71	0950	0	16.4t	28.5				28s	4.7	7.1		
+26.4	0.0		0925	0	6.4t	28.5				20s	3.4	7.1		
+47.5	0.0		1050	0	.1t	27.2				25s	4.4	8.0		
+50.7	0.0		1130	0	0 t	27.5				61s	4.2	7.2		
+18.4	0.0	28 Sep 71	1000	0	12.7t	27.4				61s	4.8	7.0		
		5 Oct 71	1000	0	23.8t	27.0				61s	5.4	7.0		USGS, 1972
+18.4	0.0	23 Nov 71	1215	0	24.9t	14.0				61s	8.1	7.4		
+26.4	0.0		1140	0	20.8t	14.3					8.2	7.5		
+47.5	0.0		1315	0	8.1t	13.7				36s	8.3	7.3		
+50.7	0.0		1415	0	1.1t	11.0				30s	7.0	7.0		
+18.4	0.0	21 Dec 71	1230	0	22.4t	16.0				61s	3.5	7.8		

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.4	0.0	20 Jan 72	1115	0	20.2t	12.5				56s	9.7	6.7		USGS, 1972
+26.4	0.0		1130	0	14.1t	12.5				76s	9.4	7.1		
+47.5	0.0		1245	0	.5t	11.8				61s	9.8	7.3		
+50.7	0.0		1330	0	0 t	12.8				61s	9.1	8.7		
+18.4	0.0	15 Feb 72	0930	0	16.7t	10.2				71s	10.8	7.8		
		16 Mar 72	1100	0	20.6t	16.5				61s	8.2	7.5		
+26.4	0.0		1120	0	12.4t	18.0				61s	8.0	7.5		
+47.5	0.0		1250	0	2.5t	18.5				61s	6.4	7.4		
+50.7	0.0		1345	0	.1t	18.0				48s	5.7	7.3		
+18.4	0.0	27 Apr 72	1130	0	18.6t	22.0				23s	6.0	7.3		
		1 Jun 72	0900	0	32.1t	24.0				56s	5.9	7.3		
+26.4	0.0		0915	0	18.1t	24.0				56s	5.4	7.2		
+47.5	0.0		1015	0	1.9t	24.0				30s	2.0	7.3		
+50.7	0.0		1100	0	.1t	22.0				36s	4.5	6.0		
+18.4	0.0	13 Jul 72	0920	0	19.5t	27.5				76s	4.9	7.5		
		15 Aug 72	0930	0	22.6t	30.0					5.6	7.3		
+26.4	0.0		0945	0	19.0t	30.0					4.8	7.4		
+47.5	0.0		1035	0	7.4t	29.0					3.4	7.2		
+50.7	0.0		1115	0	2.5t	28.0					4.4	7.3		

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.4	0.0	12 Sep 72	1030	0	26.6t	26.1					5.4	7.4		USGS, 1972
		10 Oct 72	0825	0	28.9t	23.0				76s	6.3	7.4		USGS, 1973
+26.4	0.0		0845	0	27.1t	23.0				76s	6.0	7.3		
+47.5	0.0		1010	0	18.1t	22.2				46s	6.8	7.3		
+50.7	0.0		1050	0	13.0t	20.0				36s	5.8	7.6		
+18.4	0.0	7 Nov 72	1015	0		21.0				56s	7.5			
		12 Dec 72	1100	0	27.8t	16.0				76s	8.5	7.5		
+26.4	0.0		1120	0	26.6t	16.0				76s	8.6	7.7		
+47.5	0.0		1230	0	12.1t	17.3				61s	6.6	7.6		
+50.7	0.0		1330	0	5.8t	18.2				61s	10.8	7.2		
+18.4	0.0	9 Jan 73	1200	0	31.1t	11.5				76s	8.9	7.7		
		6 Mar 73	1020	0	19.2t	15.1				76s	9.1	7.6		
+26.4	0.0		1040	0	13.2t	16.1				61s	9.0	7.7		
+47.5	0.0		1140	0	1.6t	17.8				46s	7.3	7.8		
+50.7	0.0		1230	0	.1t	18.1				46s	6.8	7.4		
+18.4	0.0	20 Mar 73	1200	0	14.5t	17.5				76s	9.1	7.4		
		17 Apr 73	1045	0	13.9t	18.2				61s	8.7	7.6		
+26.4	0.0		1100	0	7.2t	18.8				15s	8.7	7.3		
+47.5	0.0		1240	0	.4t	18.9				8s	6.5	6.8		
+50.7	0.0		1315	0	.1t	17.5				46s	6.2	6.3		

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.4	0.0	22 May 73	1100	0	18.2t	24.6				76s	7.9	7.5		USGS, 1973
		19 Jun 73	0800	0	13.7t	28.0				46s	5.9	7.0		
+26.4	0.0		0820	0	6.7t	27.8				41s	5.1	7.3		
+47.5	0.0		0930	0	.1 t	24.3				46s	5.1	6.7		
+50.7	0.0		1040	0	.1t	24.2				61s	6.0	6.1		
+18.4	0.0	17 Jul 73	0930	0	18.3t	30.0					5.0	7.2		
		21 Aug 73	0830	0	17.7t	26.5					4.6	6.0		
+26.4	0.0		0900	0	14.3t	28.0					4.5	6.8		
+47.5	0.0		1025	0	2.3t	29.0					4.1	6.5		
+50.7	0.0		1130	0	.3t	29.0					4.9	7.1		
+18.4	0.0	11 Sep 73	----	0	20.8t	29.9					5.0			BJC, 1975
		18 Sep 73	0950	0	21.0t	29.0				61s	5.1	7.2		USGS, 1973
		9 Oct 73	----	0	16.8t	26.8					7.2			BJC, 1975
		30 Oct 73	1030	0	22.1t	17.5				53s	6.7	7.9		USGS, 1974
+26.4	0.0		1050	0	17.7t	17.2				66s	6.5	7.8		
+47.5	0.0		1220	0	6.0t	17.0				61s	6.5	7.5		
+50.7	0.0		1335	0	1.3t	15.5				66s	6.0	6.7		
+18.4	0.0	13 Nov 73	----	0	23.5t	16.1					8.8			BJC, 1975

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.4	0.0	13 Nov 73	1215	0	28.4t	15.6				76s	6.6	7.6		USGS, 1974
		23 Nov 73	0950	0	27.1t	19.5				84s	6.1	7.3		
+26.4	0.0		1010	0	23.5t	19.8				107s	5.8	7.1		
+47.5	0.0		1130	0	13.0t	20.0				76s	5.8	7.1		
+50.7	0.0		1245	0	3.4t	20.2				61s	3.8	7.3		
+18.4	0.0	18 Dec 73	----	0	27.1t	10.0					10.0	7.4		BJC, 1975
		28 Dec 73	1140	0	26.2	11.8					9.1	7.3		
				B	25.5	12.3					9.1	7.3		
			1240	0	24.1	12.2					9.6	7.3		
				B	24.8	12.3					9.6	7.3		
			1340	0	23.4	12.0					9.6	7.3		
				B	24.1	12.3					9.4	7.3		
			1440	0	24.1	13.5					9.8	7.1		
				B	25.5	13.5					9.4	7.1		
			1540	0	26.2	13.3					9.6	7.2		
				B	24.1	13.0					9.4	7.2		
			1640	0	22.0	13.0					9.5	7.2		
				B	22.0	13.2					9.4	7.2		

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	D EPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PHI	TIDE	SOURCE
+18.4	0.0	28 Dec 73	1740	0 B	18.6 19.2	12.0 12.3					9.6 9.7	7.3 7.3		BJC, 1975
		8 Jan 74	1100	0	25.3t	15.5				76s	7.1	7.6		USGS, 1975
		22 Jan 74	----	0	22.0t	17.0					6.4	7.6		BJC, 1975
		25 Feb 74	----	0	19.9t	14.0					8.6	7.9		
		26 Feb 74	0830	0	21.7t	11.9				91s	8.3	7.5		USGS, 1975
+26.4	0.0		0850	0	16.6t	11.1				76s	8.4	7.7		
+47.5	0.0		0940	0	.4t	9.0				30s	6.1	6.7		
+50.7	0.0		1020	0	.1t	5.0				30s	9.8	6.2		
+18.4	0.0	19 Mar 74	----	0	22.0t	19.5					7.6	7.1		BJC, 1975
		26 Mar 74	1030	0	25.5t	16.8				91s	7.1	7.5		USGS, 1975
		29 Mar 74	1145	0 B	22.0 22.7	17.5 17.5					8.0 7.4	6.9 6.5		BJC, 1975
			1245	0 B	22.0 22.0	17.5 18.0					7.7 7.0	7.0 6.5		
			1345	0 B	20.6 21.3	19.5 19.5					7.9 7.2	6.4 5.6		
			1445	0 B	20.6 21.3	18.3 19.2					7.6 7.2	6.6 5.9		

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE			
+18.4	0.0	29 Mar 74	1545	0	20.6	19.2					7.7	6.4		BJC, 1975			
				B	21.3	19.7				7.1	5.7						
			1645	0	18.6	19.3			7.6	6.4							
		B		19.2	19.5			7.1	5.9								
		1745	0	18.6	19.7			7.6	6.2								
			B	18.6	20.2			7.1	5.8								
			16 Apr 74	----	0	21.9t	22.0					6.2	8.0				
			23 Apr 74	0810	0	23.5t	21.0					91s	6.5		7.7		USGS, 1974
		+26.4	0.0	0830	0	19.9t	21.0					91s	6.2		7.8		
+47.5	0.0	0930	0	29.2t	20.8					25s	3.9	7.0					
+50.7	0.0	1035	0	0 t	20.1					20s	4.4	5.6					
+18.4	0.0	22 May 74	0930	0	25.7t	26.4					91s	5.3	7.2				
		28 May 74	----	0	22.6t	27.0						4.5		BJC, 1975			
		4 Jun 74	0750	0	28.9t	26.6						91s	4.7	7.8	USGS, 1974		
+26.4	0.0		0815	0	21.7t	26.6					76s	4.3	7.7				
+47.5	0.0		0915	0	6.0t	25.8					30s	3.8	7.4				
+50.7	0.0		0940	0	.3t	23.3					25s	5.6	6.5				
+18.4	0.0	18 Jun 74	----	0	26.0t	27.5					4.0	6.5		BJC, 1975			

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.4	0.0	2 Jul 74	0730	0	22.0	27.3					4.2	7.3		BJC, 1975
				B	23.4	27.3				4.1	7.3			
			0830	0	22.7	27.0			4.3	7.2				
				B	22.7	27.0			4.1	7.2				
			0930	0	22.7	27.2			4.1	7.2				
				B	22.7	27.0			3.9	7.2				
			1030	0	22.0	27.2			3.8	7.2				
				B	22.0	27.2			3.7	7.1				
			1130	0	21.3	27.3			3.7	7.1				
				B	21.3	27.3			3.6	7.2				
			1230	0	20.6	27.5			3.7	7.1				
				B	21.3	27.3			3.6	7.1				
			1330	0	21.3	27.5			3.5	7.1				
				B	21.3	27.5			3.4	7.1				
		23 Jul 74	----	0	24.9t	29.0				7.1				
			1200	0	29.6t	28.7			91s	4.5	7.4		USGS, 1974	
		13 Aug 74	----	0	14.3t	27.5				3.4	6.7		BJC, 1975	

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.4	0.0	4 Sep 74	0730	0	18.1t	28.0					4.8	7.6		USGS, 1974
+26.4	0.0		0750	0	10.5t	29.0					3.6	7.5		
+47.5	0.0		0900	0		27.8					1.4	6.8		
+50.7	0.0		0930	0		25.0					3.9	5.6		
+18.4	0.0	17 Sep 74	1115	0		29.8					3.8	7.2		BJC, 1975
			----	0	7.0t	29.0					3.2	6.5		
		3 Oct 74	1035	0	17.9	22.0					5.9	7.0		
				B	20.6	22.2					5.9	7.0		
			1135	0	17.9	21.8					6.3	7.0		
				B	20.6	22.3					6.0	7.0		
			1235	0	17.2	22.0					6.3	7.0		
				B	19.9	22.3					5.8	7.0		
			1335	0	17.2	22.3					6.1	6.9		
				B	17.2	22.3					5.8	6.9		
1435	0	15.2	22.5					5.9	6.9					
	B	15.2	22.5					5.7	6.9					
1540	0	13.8	22.3					6.0	6.8					
	B	13.2	22.2					5.7	6.8					

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.4	0.0	3 Oct 74	1640	0	12.5	22.3					5.8	6.8		BJC, 1975
				B	12.5	22.5					5.6	6.8		
		15 Oct 74	----	0	18.4t	22.5					5.4	6.8		
			1030	0	22.9t	23.1				91s	5.5	7.4		USGS, 1975
		12 Nov 74	----	0	24.2t	17.5					7.2	7.4		BJC, 1975
			0900	0	28.5t	17.8				64s	6.3	7.9		USGS, 1975
+26.4	0.0		0930	0	23.5t	17.8				79s	6.3	7.4		
+47.5	0.0		1045	0	12.5t	16.2				46s	6.2	7.3		
+50.7	0.0		1250	0	2.9t	17.2				23s	4.4	7.4		
+18.4	0.0	3 Dec 74	1050	0	28.2t	10.7				91s	8.7	7.8		
		10 Dec 74	----	0	26.7t	11.0					9.0	7.2		BJC, 1975
		20 Dec 74	1230	0	26.9	11.3					8.1	7.6		
				B	26.9	11.3					8.6	7.6		
			1330	0	26.9	11.0					7.6	7.7		
				B	26.9	11.0					8.3	7.7		
			1430	0	26.9	11.3					7.8	7.4		
				B	26.9	11.3					8.2	7.6		

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE	
+18.4	0.0	20 Dec 74	1530	0	26.9	11.3					8.0	7.6		BJC, 1975	
				B	26.9	11.0				8.3	7.6				
			1630	0	26.2	11.0			8.2	7.7					
				B	26.2	11.0			8.7	7.6					
			1730	0	25.5	11.3			8.4	7.6					
				B	25.5	11.3			8.7	7.6					
			1830	0	24.8	11.3			8.5	7.6					
				B	24.8	10.8			8.6	7.6					
+26.4	0.0	14 Jan 75	0950	0	27.8t	11.0				91s	7.7	7.7		USGS, 1975	
				0	25.3t	13.5			86s	7.4	8.4				
				0	3.6t	12.0			56s	6.2	7.9				
				0	.1t	7.5			58s	6.8	7.3				
+18.4	0.0	25 Feb 75	1030	0	19.9t	16.0				91s	7.3	7.6			
				0	21.7t	13.8			122s	8.0	7.5				
+26.4	0.0	11 Mar 75	0845	0	18.1t	13.8				107s	7.9	8.4			
				0	4.7t	14.5			36s	6.2	8.1				
+47.5	0.0		0915	0	.1t	16.0				56s	6.8	6.9			
				0	.1t	16.0			56s	6.8	6.9				
+50.7	0.0		1115	0	.1t	16.0				56s	6.8	6.9			
+18.4	0.0	29 Apr 75	1020	0	14.7t	24.7				91s	5.5	7.5			

RICEBORO CREEK - TIMMONS RIVER - NORTH NEWPORT RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+18.4	0.0	27 May 75	0815	0	16.4t	28.2				91s	3.7	7.3		USGS, 1975
+26.4	0.0		0850	0	10.1t	28.2				91s	3.5	7.3		
+47.5	0.0		1000	0	.8t	27.0				61s	3.4	6.7		
+50.7	0.0		1130	0	0 t	23.5				76s	4.0	6.2		
+18.4	0.0	17 Jun 75	1300	0		29.4				91s	4.6	7.2		
		22 Jul 75	0815	0	22.6t	28.0				81s	4.1	7.4		
+26.4	0.0		0835	0	17.0t	28.5				66s	3.5	7.5		
+47.5	0.0		1110	0	.4t	27.4				25s	3.9	6.1		
+50.7	0.0		1215	0	.1t	26.0				30s	3.4	5.1		
+18.4	0.0	12 Aug 75	1000	0	16.2t	28.7				61s	3.4	7.1		
+18.4	0.0	23 Sep 75	0745	0	23.1t	27.5					5.0	7.6		
+26.4	0.0		0815	0	18.1t	27.9				56s	4.3	7.8		
+47.5	0.0		1030	0	5.8t	27.0				36s	4.0	8.0		
+50.7	0.0		1200	0	.1t	25.0				36s	4.4	7.7		

CARRS NECK CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE			
+23.0	---	22 Mar 67	----	0	16.2	15.2								Dahlberg, 1971			
				B	16.2	15.1											
		14 Apr 67	----	0	19.5	20.9											
				B	20.9	20.8											
		2 May 67	----	0	22.8	20.6											
				B	22.4	20.5											
		24 May 67	----	0	29.0	22.5											
				B	29.0	22.4											
		6 Jul 67	----	0	23.1	28.8											
				7.5	23.0	28.7											
		26 Jul 67	----	0	13.6	29.8						95t					
				11.5	13.6	29.8						98t					
		17 Aug 67	0715	0	17.1	26.4	4	165			57t	6.4					
				5	17.7	26.6	8	175			38t						
8 Sep 67	0905	0	14.5	26.0	51				31t	3.2							
		8	15.1	25.8	15				26t								
5 Oct 67	----	0	18.7	22.8							5.1	7.4					
26 Oct 67	0705	.5	19.5	19.9	0	210			58t	6.7	7.4						
		6.5	19.7	18.9	0	225			58t								

CARRS NECK CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+23.0	---	2 Jun 69	----	0	20.2	29.4			72		5.3			Dahlberg, 1971
		4 Aug 69	----	0	20.8	29.0					5.5	7.3		
		15 Dec 69	----	0	17.0	11.3					8.6	7.5		
		30 Jan 70	----	0	11.7	11.1						7.5		
		27 Feb 70	----	0	11.8	12.8						8.0		
		26 Mar 70	----	0	15.8	17.9					7.9	7.0		
		29 Apr 70	----	0	20.2	26.5					4.5	7.5		

CAY CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+48.0	0.0	9 Jul 68	----	0	0.5							4.9	low	Dahlberg, 1971
				0	1.0								5.4	
		24 Jul 68	----	0								4.9	low	
				0								5.1	high	
		15 Aug 68	----	0	1.5							4.6	low	
				0	2.8							4.9	high	
		5 Sep 68	----	0	0.9								low	
				0	2.5								high	
		6 Oct 68	----	0	10.6							6.9	low	
				0	12.6							7.2	high	
		13 Nov 68	----	0	0.5							6.8	low	
				0	4.4							7.4	high	
		13 Dec 68	----	0	0.6							6.8	low	
				0	3.5							7.0	high	
		20 Feb 69	----	0	0.3							5.8	low	
				0	0.8							6.5	high	
		25Mar 69	----	0	0.1							4.9	low	
				0	0.1							5.0	high	

CAY CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+48.0	0.0	23 Apr 69	----	0								5.7	low	Dahlberg,
				0								6.3	high	1971
		20 May 69	----	0	0.5								low	
				0	0.6								high	
		19 Jun 69	----	0								6.0	low	

PEACOCK CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+50.2	0.0	12 Jun 68	----	0	0.1							5.7	low	Dahlberg, 1971
				0	0.2								6.1	
		9 Jul 68	----	0	0.1							5.8	low	
				0	0.4								6.0	high
		24 Jul 68	----	0								5.5	low	
				0									5.7	high
		15 Aug 68	----	0	1.3							5.0	low	
				0	2.9								6.5	high
		5 Sep 68	----	0	0.1								low	
				0	1.3									high
		6 Oct 68	----	0	11.4							7.1	low	
				0	17.1								7.2	high
		13 Nov 68	----	0	0.8							6.2	low	
				0	1.5								7.0	high
		13 Dec 68	----	0	1.0							6.8	low	
				0	3.3								6.9	high
		20 Feb 69	----	0	0.2							6.6	low	
				0	1.5								6.7	high

PEACOCK CREEK

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE		
+50.2	0.0	25 Mar 69	----	0	0.1							5.3	low	Dahlberg, 1971		
				0	0.2							5.8	high			
		23 Apr 69	----	0	0.3								6.2		low	
				0	1.2								6.7		high	
		20 May 69	----	0	0.2										low	
				0	0.8										high	
		19 Jun 69	----	0											6.5	low
				0											7.0	high

BELFAST RIVER

DIST	OFFS	DATE	TIME	DEPTH	SAL	TEMP	VEL	DIR	SUSP	TURB	DO	PH	TIDE	SOURCE
+20.5	0.0	19 Feb 69	----	0	28.0	9.0	47	325		80t				Howard,
				B	28.0	9.0	46	330		77t				1971

