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THE SALINITY INTRUSION IN THE FRASER RIVER: Observations of Salinities, Temperatures and Currents by Profiles and Bottom Time Series 1988, 1989

DEC 12 1994

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Sidney, British Columbia

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Canada

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Rapport statistique canadien sur l'hydrographie et les sciences océaniques

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Les établissements des Sciences et levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports en décembre 1981. Une liste complète de ces publications figure dans le volume 39, Index des publications 1982, du *Journal canadien des sciences halieutiques et aquatiques*. La série actuelle a commencé avec la publication du rapport numéro 1 en janvier 1982.

Canadian Data Report of
Hydrography and Ocean Sciences 133
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THE SALINITY INTRUSION IN THE FRASER RIVER:

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ABSTRACT

Ages, A.B. and A.L. Woollard, 1994. The Salinity Intrusion in the Fraser River: Observations of Salinities, Temperatures and Currents by Profiles and Bottom Time Series 1988, 1989. Can. Data Rep. Hydrog. Ocean Sci. 133: 239 pp.

To conclude 15 years of observations of salinities, temperatures and currents, this report presents data obtained at five stations in the Main Arm. These stations were selected because of their importance to studies pertinent to sediment transport and water quality. Data acquisition was carried out at a high sampling frequency.

Keywords: Fraser River, currents, salinities, temperatures.

RÉSUMÉ

Ages, A.B. and A.L. Woollard, 1994. The Salinity Intrusion in the Fraser River: Observations of Salinities, Temperatures and Currents by Profiles and Bottom Time Series 1988, 1989. Can. Data Rep. Hydrog. Ocean Sci. 133: 239 pp.

En terminant 15 ans d'observations de salinité, température et courant, ce rapport présente des données recueillies à cinq stations dans le Main Arm. Ces stations furent choisies en raison de leur intérêt par rapport aux études du transport de sédiment et de la qualité d'eau. Recueil de données fut réalisé à fréquence rapide d'échantillonnage.

Mot-Clés: Fleuve Fraser, courants, salinités, températures.

ACKNOWLEDGEMENTS

The measurements were taken from the *Vector* (Institute of Ocean Sciences); thanks are due to Captain Rae MacKenzie and his crew for their cooperation. The assistance of Keith Lee, Anne Ballantyne and Neil Sutherland in the field is gratefully acknowledged as well as that of Georg Jorgensen in the processing of the data, which was funded by the Canadian Coast Guard. Finally, we would like to thank Sharon Thomson for proofreading the text.

INTRODUCTION

This report is a sequel to Canadian Data Report of Hydrography and Ocean Sciences 126, which presented some general time series and profiles at stations in the Main Arm of the Fraser River as well as profiles taken from a hovercraft. Report 126 also discussed the rationale of the project.

Extensive studies of local sediment transport and pollution required additional information in certain reaches, initiating further field work in the Main Arm in 1988 and 1989.

Following the procedure described in Report 126, the profiles and the time series taken near the river bottom measured water velocities near the head of the advancing salt wedge. The same CSTDV instrument was used, but with a more sophisticated data logger.

Much of the data acquisition concentrated on Steveston Bend where Public Works Canada is involved in the design of hydraulic structures to widen the navigation channel.

The data presented in this report are available on DOS disks for a nominal fee, on request to the Institute of Ocean Sciences.

OBSERVATIONS

Vertical profiles, as well as time series with the sensors held close to the river bottom, were taken from the *Vector* (Institute of Ocean Sciences) at freshet and non-freshet conditions, respectively in May 1988 (discharge at Hope about 7000 m^3/sec) and in March 1989 (discharge at Hope about 700 m^3/sec). The five station locations are shown in Table 1 and Figure 1.

Profiles were taken at half-hour intervals with the sensor recording depth, salinity, temperature and current velocity every three seconds as it was lowered and raised between surface and bottom. The data that are published here were extracted either from a downcast or an ascent, depending on the number of data available, in other words, on the vertical speed of the probe. The results are presented in tabular form, with occasional plots of representative values.

Bottom time series consisted of measurements every three seconds with the sensor held about one metre above the river bottom during passage of the front of the salt wedge. For each minute, parameter values were averaged over all data points within one metre of the maximum depth for that minute. These averages are presented in tabular form and plotted when the duration is more than a few minutes.

Note: Observed salinities less than 2‰ are listed as 1‰.

Table 1 Stations occupied by the *Vector*

LOCATION	DATE	POSITION
Steveston Bend	19–20 May 1988	49° 07′.37 N
		123° 15′.15 W
	22–23 March 1989	49° 07′.7 N
		123° 13′.0 W
Steveston	17–18 May 1988	49° 07′.0 N
		123° 11′.2 W
Water Tower	18–19 May 1988	49° 06′.56 N
		123° 08′.10 W
Deas Island	20–21 March 1989	49° 07′.55 N
		123° 03′.95 W
Purfleet Point	21–22 March 1989	49° 09′.36 N
		122° 59′.44 W

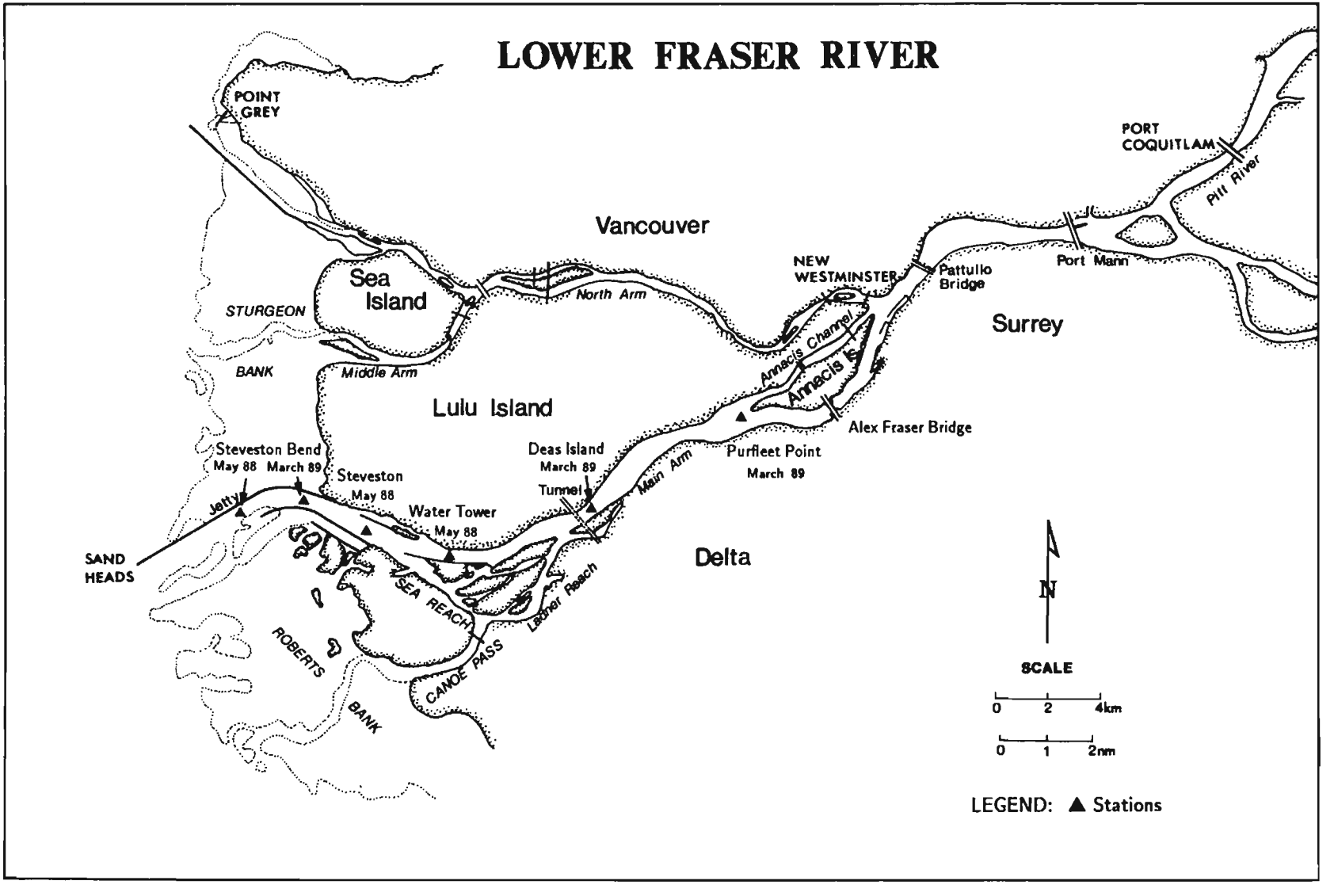

Figure 1 Positions of stations in the lower Fraser River.

INSTRUMENTATION

The measurements were carried out using a CSTDV manufactured in Sidney, B.C. by Applied Microsystems Ltd. Components of this instrument are described and sketched in some detail in Report 126.

Some of the main features are:

- Current measurements: Marsh McBirney 585 profiler with Digicourse heading sensor.
- Salinity, temperature and depth measurements: Applied Microsystems CTD with a salinity range 0 to 40‰ and an accuracy of 0.002‰; a temperature range −2°C to 36°C, accuracy 0.01°C; a pressure range 0 dBar to 70 dBar, resolution 0.01 dBar.

The 24K Radio Shack PC with cassette recorder used for earlier observations was replaced by a Hewlett-Packard Integral PC (HP9807A) which saved the data to a disk at the end of each cast.

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Ages, A., 1979. The Salinity Intrusion in the Fraser River: Salinity, Temperature and Current Observations, 1976, 1977. Pacific Marine Science Report 79-14.

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PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
10:31		9.8	3.20	9.8	0.21		232
10:31		9.8	3.86	9.8	0.18		225
10:31	*	9.8	4.09	9.8	0.18		223
10:31		9.8	4.56	9.8	0.20		235
10:31		9.7	3.09	9.8	0.28		250
10:31		9.6	2.32	9.8	0.16		277
10:32		9.5	2.82	9.8	0.29		275
10:32		9.5	1.00	9.8	0.10		207
10:32		9.4	1.00	9.8	0.28		256
10:32		9.2	1.00	9.8	0.24		240
10:32		9.0	1.00	9.8	0.93		251
10:32		8.7	1.00	9.8	1.13		234
10:32		8.3	1.00	9.8	1.25		224
10:32	*	7.8	1.00	9.8	1.09		243
10:32		7.4	1.00	9.8	1.18		243
10:32		6.9	1.00	9.8	1.18		241
10:32		6.4	1.00	9.8	0.75		239
10:32		5.9	1.00	9.9	0.50		258
10:32		5.4	1.00	9.9	0.44		245
10:32		4.9	1.00	9.9	1.03		234
10:32		4.5	1.00	9.9	1.51		232
10:32		4.2	1.00	9.9	1.48		235
10:32	*	3.8	1.00	9.9	1.66		240
10:32		3.6	1.00	9.9	1.55		234
10:32		3.5	1.00	9.9	1.47		245
10:32		3.3	1.00	9.9	1.57		225
10:32		3.3	1.00	9.9	1.43		242
10:33		3.1	1.00	9.9	1.37		223
10:33		2.9	1.00	9.9	1.20		235
10:33		2.9	1.00	9.9	1.12		223
10:33		2.6	1.00	9.9	1.18		246
10:33		2.1	1.00	9.9	1.14		233
10:33	*	1.7	1.00	9.9	1.35		235
10:33		1.4	1.00	9.9	1.50		234
10:33		1.1	1.00	9.9	1.58		239
10:33		1.0	1.00	9.9	1.61		252
10:33		0.8	1.00	9.9	1.54		251
10:33		0.7	1.00	10.0	1.34		242

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
10:59	9.2	1.00	9.9	1.06		231
10:59	9.2	1.00	9.9	1.04		239
10:59	9.2	1.00	9.9	1.10		238
10:59	9.2	1.00	9.9	1.07		236
10:59	9.2	1.00	9.9	1.05		230
11:00	9.2	1.00	9.9	1.05		241
11:00	9.2	1.00	9.9	1.10		239
11:00	9.2	1.00	9.9	1.05		232
11:00	9.2	1.00	9.9	1.02		240
11:00	9.2	1.00	9.9	1.05		242
11:00	9.2	1.00	9.9	1.12		239
11:00	9.0	1.00	9.9	1.21		236
11:00	8.8	1.00	9.9	1.14		220
11:00	8.5	1.00	9.9	1.02		245
11:00	8.0	1.00	9.9	1.18		223
11:00	7.5	1.00	9.9	1.23		228
11:00	6.9	1.00	9.9	0.84		237
11:00	6.3	1.00	9.9	0.52		257
11:00	5.6	1.00	9.9	0.25		237
11:00	5.0	1.00	9.9	0.22		218
11:00	4.5	1.00	9.9	0.39		238
11:00	3.9	1.00	9.9	0.75		229
11:00	3.5	1.00	9.9	0.69		252
11:00	3.2	1.00	10.0	1.09		241
11:00	2.9	1.00	10.0	1.21		234
11:00	2.6	1.00	10.0	1.40		227
11:01	2.2	1.00	10.0	1.20		232
11:01	1.9	1.00	10.0	1.11		238
11:01	1.7	1.00	10.0	1.13		238
11:01	1.4	1.00	10.0	1.33		234
11:01	1.1	1.00	10.0	1.34		231
11:01	0.8	1.00	10.0	1.43		230

PROFILES AT STEVESTON BEND (* = Plotted Value)

19 MAY 1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
11:31		8.9	1.00	9.9	1.01		237
11:31	*	8.9	1.00	9.9	1.06		244
11:31		8.9	1.00	9.9	1.04		234
11:31		8.9	1.00	9.9	0.93		230
11:31		8.9	1.00	9.9	1.00		245
11:31		9.0	1.00	9.9	0.98		256
11:31		9.0	1.00	9.9	0.98		247
11:31		8.8	1.00	9.9	1.12		227
11:31		8.7	1.00	9.9	1.04		243
11:31		8.6	1.00	9.9	1.17		222
11:31		8.2	1.00	9.9	1.11		240
11:31		7.7	1.00	9.9	1.24		224
11:31		7.3	1.00	9.9	0.82		237
11:31		6.8	1.00	9.9	1.30		237
11:31		6.3	1.00	9.9	1.03		237
11:32	*	5.9	1.00	9.9	1.06		242
11:32		5.4	1.00	9.9	0.83		234
11:32		4.9	1.00	9.9	0.83		229
11:32		4.4	1.00	9.9	0.89		240
11:32		3.9	1.00	9.9	1.02		236
11:32		3.5	1.00	9.9	0.50		236
11:32		3.2	1.00	9.9	0.12		167
11:32		3.0	1.00	10.0	0.12		202
11:32		2.8	1.00	10.0	0.15		178
11:32		2.4	1.00	10.0	0.10		255
11:32		2.2	1.00	9.9	0.11		219
11:32		1.9	1.00	10.0	0.08		266
11:32		1.8	1.00	10.0	0.33		253
11:32		1.5	1.00	10.0	0.18		260
11:32		1.4	1.00	10.0	0.16		250
11:32		1.1	1.00	10.0	0.28		217
11:32	*	1.1	1.00	10.0	0.32		231
11:32		0.8	1.00	10.0	0.29		239

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
12:01		9.0	1.00	10.0	0.80		230
12:01		9.0	1.00	10.0	0.42		257
12:01		9.0	1.00	10.0	0.50		262
12:01		9.0	1.00	10.0	0.74		241
12:01		9.0	1.00	10.0	0.68		246
12:01		9.0	1.00	10.0	0.63		248
12:01		9.0	1.00	10.0	0.83		243
12:01		9.0	1.00	10.0	0.43		269
12:01	*	9.0	1.00	10.0	0.64		251
12:01		8.9	1.00	10.0	0.64		227
12:01		8.7	1.00	10.0	0.92		256
12:01		8.6	1.00	10.0	0.59		235
12:02		8.5	1.00	10.0	0.81		245
12:02		8.3	1.00	10.0	0.93		230
12:02		8.2	1.00	10.0	0.73		237
12:02		8.0	1.00	10.0	0.72		241
12:02		7.5	1.00	10.0	0.66		218
12:02		7.1	1.00	10.0	1.10		236
12:02		6.6	1.00	10.0	1.15		228
12:02	*	6.0	1.00	10.0	1.31		230
12:02		5.4	1.00	10.0	1.32		233
12:02		4.8	1.00	10.0	1.34		229
12:02		4.3	1.00	10.0	1.21		226
12:02		3.7	1.00	10.0	1.14		230
12:02		3.2	1.00	10.0	0.69		238
12:02		2.9	1.00	10.0	0.55		238
12:02		2.7	1.00	10.0	0.58		209
12:02		2.4	1.00	10.0	0.62		244
12:02		2.0	1.00	10.0	0.46		236
12:02		1.9	1.00	10.1	0.73		225
12:02		1.7	1.00	10.0	0.64		227
12:02	*	1.3	1.00	10.0	0.80		213
12:02		1.2	1.00	10.0	1.17		207
12:03		0.9	1.00	10.0	1.08		217

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
12:30	8.7	1.00	10.0	1.06		242
12:30	8.7	1.00	10.0	0.89		239
12:30	8.7	1.00	10.0	0.89		247
12:30	8.7	1.00	10.0	1.04		228
12:30	8.7	1.00	10.0	0.98		240
12:30	8.7	1.00	10.0	0.70		227
12:30	8.7	1.00	10.0	0.82		236
12:30	8.7	1.00	10.0	0.93		250
12:31	8.7	1.00	10.0	0.84		237
12:31	8.7	1.00	10.0	0.92		236
12:31	8.6	1.00	10.0	0.82		236
12:31	8.6	1.00	10.0	0.86		251
12:31	8.4	1.00	10.0	0.82		226
12:31	8.2	1.00	10.0	1.11		237
12:31	7.8	1.00	10.0	1.14		231
12:31	7.2	1.00	10.0	1.27		246
12:31	6.5	1.00	10.0	1.24		242
12:31	5.9	1.00	10.0	1.45		239
12:31	5.4	1.00	10.0	1.29		247
12:31	4.9	1.00	10.0	1.35		237
12:31	4.3	1.00	10.0	1.37		242
12:31	3.8	1.00	10.0	0.65		236
12:31	3.3	1.00	10.0	0.62		243
12:31	2.9	1.00	10.1	0.64		221
12:31	2.6	1.00	10.1	0.66		249
12:31	2.2	1.00	10.1	0.96		209
12:31	1.8	1.00	10.1	0.75		219
12:31	1.5	1.00	10.1	0.98		230
12:31	1.2	1.00	10.1	0.71		228
12:32	1.0	1.00	10.1	1.05		219

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
13:01	8.6	1.00	10.0	0.96		232
13:01	8.6	1.00	10.0	0.92		239
13:01	8.6	1.00	10.0	0.94		240
13:01	8.7	1.00	10.0	0.82		239
13:01	8.7	1.00	10.0	0.82		237
13:01	8.7	1.00	10.0	0.78		241
13:01	8.7	1.00	10.0	0.89		242
13:01	8.7	1.00	10.0	0.96		240
13:01	8.7	1.00	10.0	1.06		241
13:01	8.7	1.00	10.0	0.96		242
13:01	8.7	1.00	10.0	0.85		244
13:01	8.7	1.00	10.0	0.97		235
13:01	8.7	1.00	10.0	0.84		242
13:01	8.7	1.00	10.0	0.95		238
13:01	8.7	1.00	10.0	1.03		252
13:01	8.7	1.00	10.0	1.08		246
13:02	8.7	1.00	10.0	1.07		250
13:02	8.6	1.00	10.0	1.15		219
13:02	8.4	1.00	10.0	1.34		233
13:02	8.0	1.00	10.0	1.26		246
13:02	7.4	1.00	10.0	1.26		238
13:02	6.9	1.00	10.0	1.44		228
13:02	6.4	1.00	10.0	1.34		234
13:02	5.9	1.00	10.0	1.43		234
13:02	5.4	1.00	10.0	1.34		238
13:02	4.9	1.00	10.0	1.28		235
13:02	4.3	1.00	10.0	1.17		221
13:02	3.7	1.00	10.1	0.86		231
13:02	3.2	1.00	10.1	0.58		256
13:02	2.9	1.00	10.1	0.70		236
13:02	2.5	1.00	10.1	0.72		225
13:02	2.3	1.00	10.1	0.82		215
13:02	2.0	1.00	10.1	0.65		240
13:02	1.6	1.00	10.1	0.82		218
13:02	1.4	1.00	10.1	0.76		238
13:02	1.1	1.00	10.1	0.76		228
13:02	0.9	1.00	10.1	0.92		194

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
13:31	8.5	1.00	10.1	0.93		243
13:31	8.5	1.00	10.1	1.08		236
13:31	8.5	1.00	10.1	1.02		241
13:31	8.4	1.00	10.1	0.90		244
13:31	8.4	1.00	10.1	0.87		242
13:31	8.4	1.00	10.1	0.88		241
13:31	8.4	1.00	10.1	1.02		252
13:31	8.4	1.00	10.1	0.93		242
13:31	8.4	1.00	10.1	0.93		238
13:31	8.4	1.00	10.1	1.09		248
13:32	8.2	1.00	10.1	1.29		238
13:32	8.0	1.00	10.1	1.27		233
13:32	7.4	1.00	10.1	1.17		237
13:32	7.1	1.00	10.1	1.27		234
13:32	6.3	1.00	10.1	1.27		237
13:32	5.6	1.00	10.1	1.34		235
13:32	4.9	1.00	10.1	1.42		237
13:32	4.3	1.00	10.1	1.31		232
13:32	3.7	1.00	10.1	1.09		217
13:32	3.1	1.00	10.1	0.98		225
13:32	2.7	1.00	10.1	1.28		212
13:32	2.2	1.00	10.2	1.12		222
13:32	1.9	1.00	10.1	0.82		232
13:32	1.5	1.00	10.2	1.05		222
13:32	1.2	1.00	10.2	0.94		227
13:32	0.9	1.00	10.2	1.25		221

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
13:59	8.4	1.00	10.1	1.02		244
13:59	8.4	1.00	10.1	0.96		237
13:59	8.4	1.00	10.1	0.82		239
14:00	8.4	1.00	10.1	0.90		237
14:00	8.4	1.00	10.1	0.96		246
14:00	8.4	1.00	10.1	1.03		246
14:00	8.4	1.00	10.1	0.96		234
14:00	8.4	1.00	10.1	0.99		240
14:00	8.4	1.00	10.1	1.01		235
14:00	8.3	1.00	10.1	1.03		245
14:00	7.9	1.00	10.1	0.93		235
14:00	7.5	1.00	10.1	1.23		229
14:00	6.8	1.00	10.1	1.23		230
14:00	6.1	1.00	10.1	1.15		228
14:00	5.2	1.00	10.1	0.91		218
14:00	4.5	1.00	10.1	1.28		231
14:00	3.8	1.00	10.1	1.31		236
14:00	3.2	1.00	10.1	1.05		233
14:00	2.8	1.00	10.1	1.21		231
14:00	2.3	1.00	10.1	0.85		211
14:00	1.8	1.00	10.1	0.91		234
14:00	1.5	1.00	10.1	0.72		244

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
14:30	8.4	1.00	10.1	1.03		233
14:30	8.3	1.00	10.1	0.97		235
14:31	8.3	1.00	10.1	0.89		239
14:31	8.3	1.00	10.1	0.89		249
14:31	8.3	1.00	10.1	0.88		237
14:31	8.3	1.00	10.1	0.79		238
14:31	8.3	1.00	10.1	0.84		227
14:31	8.3	1.00	10.1	0.87		244
14:31	8.0	1.00	10.1	0.93		251
14:31	7.6	1.00	10.1	1.02		228
14:31	7.1	1.00	10.1	1.08		230
14:31	6.5	1.00	10.1	1.02		240
14:31	6.0	1.00	10.1	1.17		224
14:31	5.4	1.00	10.1	1.28		227
14:31	4.9	1.00	10.1	1.12		238
14:31	4.4	1.00	10.1	1.27		242
14:31	3.9	1.00	10.2	0.53		238
14:31	3.4	1.00	10.1	1.03		218
14:31	2.9	1.00	10.2	0.98		212
14:31	2.4	1.00	10.2	1.05		223
14:31	2.0	1.00	10.1	0.93		217
14:31	1.6	1.00	10.2	0.91		213
14:31	1.2	1.00	10.2	0.69		218
14:32	0.8	1.00	10.2	0.79		227

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
15:00	8.6	1.00	10.1	0.78		239
15:00	8.6	1.00	10.1	0.82		234
15:00	8.6	1.00	10.1	0.70		251
15:00	8.6	1.00	10.1	0.79		235
15:00	8.6	1.00	10.1	0.66		233
15:00	8.6	1.00	10.1	0.72		253
15:01	8.6	1.00	10.1	0.80		238
15:01	8.5	1.00	10.1	0.89		233
15:01	8.3	1.00	10.1	0.97		236
15:01	7.9	1.00	10.1	0.95		241
15:01	7.4	1.00	10.1	1.04		237
15:01	6.9	1.00	10.1	1.08		233
15:01	6.2	1.00	10.1	1.14		233
15:01	5.6	1.00	10.1	1.10		238
15:01	5.0	1.00	10.1	0.99		233
15:01	4.4	1.00	10.1	1.26		231
15:01	3.9	1.00	10.2	1.09		239
15:01	3.4	1.00	10.1	1.15		220
15:01	3.0	1.00	10.1	1.10		231
15:01	2.6	1.00	10.2	1.10		223
15:01	2.2	1.00	10.2	0.82		228
15:01	1.7	1.00	10.2	0.80		242
15:01	1.2	1.00	10.2	0.90		217
15:01	0.9	1.00	10.2	0.98		231

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
15:32	8.7	1.00	10.1	0.55		227
15:32	8.7	1.00	10.1	0.58		246
15:32	8.7	1.00	10.1	0.68		243
15:32	8.7	1.00	10.1	0.64		249
15:32	8.7	1.00	10.1	0.76		246
15:32	8.4	1.00	10.1	0.80		244
15:32	8.0	1.00	10.1	0.71		241
15:32	7.5	1.00	10.1	0.82		238
15:32	7.0	1.00	10.1	0.81		234
15:32	6.4	1.00	10.1	0.89		247
15:32	5.8	1.00	10.1	1.04		234
15:32	5.2	1.00	10.1	1.10		238
15:32	4.7	1.00	10.1	1.07		240
15:32	4.1	1.00	10.1	1.16		238
15:32	3.2	1.00	10.1	0.99		224
15:32	2.8	1.00	10.1	0.84		221
15:32	2.3	1.00	10.2	0.78		216
15:33	1.9	1.00	10.1	0.82		225
15:33	1.4	1.00	10.2	0.73		244
15:33	0.9	1.00	10.2	0.63		234

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
15:59	8.8	1.00	10.1	0.67		230
15:59	8.8	1.00	10.1	0.69		250
15:59	8.8	1.00	10.1	0.66		234
15:59	8.8	1.00	10.1	0.62		252
15:59	8.7	1.00	10.1	0.60		228
15:59	8.8	1.00	10.1	0.43		244
15:59	8.7	1.00	10.1	0.39		255
15:59	8.7	1.00	10.1	0.61		227
15:59	8.7	1.00	10.1	0.64		246
15:59	8.7	1.00	10.1	0.71		231
15:59	8.4	1.00	10.1	0.74		247
15:59	8.0	1.00	10.1	0.76		253
15:59	7.6	1.00	10.1	0.78		237
15:59	7.4	1.00	10.1	0.79		237
16:00	7.2	1.00	10.1	0.78		253
16:00	6.9	1.00	10.1	0.83		237
16:00	6.7	1.00	10.1	0.88		230
16:00	6.5	1.00	10.1	0.94		234
16:00	6.2	1.00	10.1	0.94		242
16:00	6.0	1.00	10.1	0.87		239
16:00	5.8	1.00	10.1	0.93		251
16:00	5.6	1.00	10.1	1.02		241
16:00	5.4	1.00	10.1	0.94		237
16:00	5.2	1.00	10.1	0.89		238
16:00	5.0	1.00	10.1	0.91		242
16:00	4.9	1.00	10.1	0.90		246
16:00	4.6	1.00	10.1	0.95		245
16:00	4.2	1.00	10.1	1.01		238
16:00	3.9	1.00	10.1	0.98		238
16:00	3.7	1.00	10.1	0.98		242
16:00	3.4	1.00	10.1	0.94		234
16:00	3.2	1.00	10.1	0.96		237
16:00	3.0	1.00	10.1	0.81		223
16:00	2.8	1.00	10.1	0.81		217
16:00	2.6	1.00	10.1	0.70		238
16:01	2.3	1.00	10.2	0.77		244
16:01	2.1	1.00	10.1	0.69		235
16:01	1.8	1.00	10.1	0.73		227
16:01	1.5	1.00	10.2	0.66		242
16:01	1.3	1.00	10.2	0.73		237
16:01	1.1	1.00	10.2	0.67		237
16:01	0.9	1.00	10.2	0.64		231

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
16:28	9.1	1.00	10.1	0.48		241
16:28	9.1	1.00	10.1	0.47		241
16:28	9.1	1.00	10.1	0.50		238
16:28	9.1	1.00	10.1	0.44		237
16:28	9.1	1.00	10.1	0.37		234
16:28	9.1	1.00	10.1	0.44		238
16:28	9.1	1.00	10.1	0.40		238
16:28	9.1	1.00	10.1	0.44		242
16:28	9.1	1.00	10.1	0.51		246
16:28	9.1	1.00	10.1	0.58		239
16:29	9.1	1.00	10.1	0.55		223
16:29	9.1	1.00	10.1	0.53		231
16:29	8.9	1.00	10.1	0.53		253
16:29	8.6	1.00	10.1	0.58		238
16:29	8.3	1.00	10.1	0.53		246
16:29	8.0	1.00	10.1	0.65		222
16:29	7.7	1.00	10.1	0.56		246
16:29	7.4	1.00	10.1	0.58		236
16:29	7.1	1.00	10.1	0.62		239
16:29	6.8	1.00	10.1	0.63		240
16:29	6.5	1.00	10.1	0.62		228
16:29	6.2	1.00	10.1	0.66		238
16:29	5.9	1.00	10.1	0.70		225
16:29	5.6	1.00	10.1	0.68		247
16:29	5.3	1.00	10.1	0.71		232
16:29	5.0	1.00	10.1	0.73		232
16:29	4.8	1.00	10.1	0.67		242
16:29	4.4	1.00	10.1	0.73		231
16:29	4.1	1.00	10.1	0.70		237
16:29	3.8	1.00	10.1	0.82		244
16:30	3.5	1.00	10.1	0.71		242
16:30	3.2	1.00	10.1	0.80		237
16:30	2.9	1.00	10.1	0.72		223
16:30	2.7	1.00	10.2	0.62		234
16:30	2.3	1.00	10.1	0.56		233
16:30	2.1	1.00	10.1	0.58		249
16:30	1.7	1.00	10.2	0.62		260
16:30	1.4	1.00	10.2	0.52		238
16:30	1.1	1.00	10.2	0.54		240
16:30	0.9	1.00	10.2	0.57		233

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
16:58	*	0.9	1.00	10.2	0.40		253
16:58		0.7	1.00	10.2	0.42		238
16:58		0.5	1.00	10.2	0.37		260
16:58		0.5	1.00	10.2	0.35		238
16:59		0.5	1.00	10.2	0.35		241
16:59		0.6	1.00	10.2	0.36		239
16:59		0.5	1.00	10.2	0.37		260
16:59		0.5	1.00	10.2	0.37		273
16:59		0.6	1.00	10.2	0.31		261
16:59		0.5	1.00	10.2	0.35		255
16:59		0.5	1.00	10.2	0.37		251
16:59		0.5	1.00	10.2	0.39		250
16:59		0.5	1.00	10.2	0.38		259
16:59		0.5	1.00	10.2	0.42		272
16:59		0.5	1.00	10.2	0.36		236
16:59		0.5	1.00	10.2	0.40		270
16:59		0.5	1.00	10.2	0.42		271
16:59		0.7	1.00	10.2	0.36		252
16:59		1.3	1.00	10.2	0.35		274
16:59	*	2.0	1.00	10.2	0.37		254
16:59		2.7	1.00	10.2	0.44		253
16:59		3.4	1.00	10.1	0.44		254
16:59	*	4.1	1.00	10.1	0.44		254
16:59		4.9	1.00	10.1	0.44		252
17:00		5.6	1.00	10.1	0.44		248
17:00		6.3	1.00	10.1	0.42		242
17:00		7.0	1.00	10.1	0.40		236
17:00		7.8	1.00	10.1	0.38		235
17:00		8.5	1.00	10.1	0.15		229
17:00		9.2	1.00	10.1	0.15		219
17:00		9.4	1.00	10.1	0.30		220
17:00		9.4	1.00	10.1	0.29		230
17:00	*	9.4	1.00	10.1	0.33		226

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:03	*	9.3	16.70	9.6	0.85	037	
18:03		9.3	16.39	9.6	0.80	038	
18:03		9.3	16.47	9.6	0.86	038	
18:03		9.3	16.56	9.6	0.89	040	
18:03		9.3	16.63	9.6	0.79	044	
18:03		9.2	13.97	9.7	0.84	037	
18:03		8.8	12.47	9.7	0.90	042	
18:03		8.6	11.84	9.8	0.87	043	
18:03		8.4	9.95	9.8	0.76	039	
18:03		8.3	9.36	9.8	0.53	044	
18:03		8.1	8.62	9.9	0.71	033	
18:03		7.9	7.82	9.9	0.46	038	
18:03		7.8	7.01	9.9	0.38	037	
18:03		7.7	6.47	9.9	0.42	063	
18:04		7.5	5.64	10.0	0.33	065	
18:04		7.3	4.66	10.0	0.34	099	
18:04	*	7.1	3.97	10.0	0.28	071	
18:04		6.9	3.04	10.0	0.20	094	
18:04		6.7	1.00	10.1	0.15	081	
18:04		6.5	1.00	10.1	0.14	124	
18:04		6.3	1.00	10.1	0.17	130	
18:04		6.0	1.00	10.1	0.21	128	
18:04		5.8	1.00	10.1	0.22	141	
18:04		5.6	1.00	10.1	0.22	135	
18:04		5.4	1.00	10.1	0.13		177
18:04		5.2	1.00	10.1	0.07		257
18:04	*	4.9	1.00	10.1	0.02		246
18:04		4.8	1.00	10.1	0.05	072	
18:04		4.5	1.00	10.1	0.07	005	
18:04		4.3	1.00	10.1	0.13		207
18:04		4.1	1.00	10.1	0.08		214
18:04		3.9	1.00	10.1	0.04		321
18:04		3.7	1.00	10.1	0.07		194
18:04		3.5	1.00	10.1	0.12	089	
18:04		3.2	1.00	10.1	0.13		205
18:05	*	3.0	1.00	10.1	0.08		202
18:05		2.9	1.00	10.1	0.09		229
18:05		2.7	1.00	10.1	0.16	132	
18:05		2.4	1.00	10.1	0.06		166
18:05		2.2	1.00	10.1	0.07		232
18:05		2.0	1.00	10.1	0.24		210
18:05		2.0	1.00	10.1	0.07		266
18:05		2.0	1.00	10.1	0.12		170
18:05		2.0	1.00	10.1	0.16		173
18:05		2.0	1.00	10.1	0.06		249
18:05		2.0	1.00	10.1	0.13		159

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:11	0.8	1.00	10.1	0.02		192
18:11	1.0	1.00	10.1	0.12		198
18:11	1.3	1.00	10.1	0.07		241
18:11	1.5	1.00	10.1	0.04	042	
18:11	1.7	1.00	10.1	0.09		231
18:11	1.9	1.00	10.1	0.15		211
18:11	2.1	1.00	10.1	0.13		203
18:11	2.3	1.00	10.1	0.11		212
18:11	2.5	1.00	10.1	0.07		178
18:11	2.8	1.00	10.1	0.17		183
18:11	3.1	1.00	10.1	0.13		165
18:11	3.5	1.00	10.1	0.13	140	
18:11	3.9	2.44	10.0	0.16	142	
18:11	4.2	2.42	10.0	0.20	146	
18:11	4.6	2.70	10.0	0.18	149	
18:11	4.9	2.89	10.0	0.17		151
18:11	5.3	3.02	10.0	0.16	130	
18:11	5.7	3.26	10.0	0.13	132	
18:11	6.1	5.38	9.9	0.12	086	
18:11	6.5	8.13	9.9	0.22	051	
18:12	6.9	10.51	9.8	0.40	051	
18:12	7.2	12.02	9.7	0.47	026	
18:12	7.6	15.15	9.6	0.84	013	
18:12	8.0	17.61	9.6	0.95	014	
18:12	8.4	17.86	9.6	0.93	030	
18:12	8.7	18.99	9.5	0.94	030	
18:12	9.1	19.33	9.5	1.00	035	
18:12	9.5	19.15	9.5	0.61	052	
18:12	9.6	19.49	9.5	0.55	074	
18:12	9.6	19.30	9.5	0.66	053	
18:12	9.6	19.58	9.5	0.69	047	
18:12	9.6	19.10	9.5	0.76	033	
18:12	9.6	19.42	9.5	0.70	045	

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:17	0.9	1.00	10.1	0.07		213
18:17	1.1	1.00	10.1	0.08		155
18:17	1.3	1.00	10.1	0.13		224
18:17	1.6	1.00	10.1	0.03		214
18:17	1.9	1.00	10.1	0.14		236
18:17	2.2	1.00	10.1	0.15		199
18:17	2.6	1.00	10.1	0.09		214
18:17	3.0	1.00	10.1	0.11		240
18:17	3.4	2.31	10.0	0.12		211
18:18	3.9	2.56	10.1	0.17		224
18:18	4.3	3.73	10.0	0.13		213
18:18	4.8	4.05	10.0	0.15		237
18:18	5.2	4.38	10.0	0.14		222
18:18	5.7	5.99	9.9	0.06	140	
18:18	6.1	7.12	9.9	0.12	084	
18:18	6.5	9.94	9.8	0.19	068	
18:18	6.9	13.62	9.7	0.54	054	
18:18	7.3	16.06	9.6	0.74	030	
18:18	7.7	17.57	9.6	0.83	005	
18:18	8.1	18.83	9.5	0.81	031	
18:18	8.5	21.27	9.4	0.83	029	
18:18	8.9	22.71	9.4	0.72	042	
18:18	9.3	25.08	9.3	0.76	048	
18:18	9.8	25.99	9.3	0.72	044	
18:18	10.1	26.27	9.2	0.41	066	
18:18	10.1	25.97	9.2	0.70	041	
18:18	10.1	26.27	9.2	0.69	046	
18:18	10.1	26.18	9.2	0.55	041	
18:18	10.1	26.14	9.3	0.48	069	

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:21	1.3	1.00	10.0	0.19		217
18:21	1.8	2.26	10.0	0.11		191
18:21	2.3	2.65	10.0	0.27		209
18:21	2.8	3.69	10.0	0.19		217
18:21	3.3	3.75	10.0	0.14		212
18:21	3.9	3.70	10.0	0.19		234
18:22	4.5	4.67	10.0	0.10		251
18:22	5.0	5.63	10.0	0.04	048	
18:22	5.6	7.91	9.9	0.19	097	
18:22	6.1	9.53	9.8	0.23	077	
18:22	6.6	12.09	9.7	0.46	066	
18:22	7.0	15.73	9.6	0.62	033	
18:22	7.6	18.03	9.6	0.85	034	
18:22	8.1	22.53	9.4	0.82	027	
18:22	8.6	25.21	9.3	0.78	040	
18:22	9.1	26.43	9.2	0.77	041	
18:22	9.7	27.12	9.2	0.65	053	
18:22	10.2	27.10	9.2	0.59	044	
18:22	10.2	27.11	9.2	0.51	059	
18:22	10.2	27.14	9.2	0.44	064	
18:22	10.2	27.13	9.2	0.60	025	
18:22	10.2	27.09	9.2	0.58	065	

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:26	*	0.7	1.00	10.1	0.13		228
18:26		1.1	1.00	10.1	0.15		217
18:26		1.5	1.00	10.0	0.21		228
18:26		1.9	3.20	10.0	0.22		204
18:26		2.3	3.55	10.0	0.29		223
18:26		2.7	3.88	10.0	0.22		218
18:26		3.0	4.73	10.0	0.16		205
18:26		3.5	4.85	10.0	0.09		205
18:26	*	3.9	4.89	10.0	0.09		210
18:26		4.4	5.03	10.0	0.08		210
18:26		4.8	5.26	10.0	0.08		196
18:27		5.2	5.85	9.9	0.08		158
18:27		5.7	7.84	9.9	0.16	118	
18:27	*	6.1	9.94	9.8	0.25	094	
18:27		6.5	12.07	9.8	0.29	083	
18:27		6.8	13.30	9.7	0.65	036	
18:27		7.3	17.20	9.6	0.88	033	
18:27		7.7	21.20	9.5	0.82	047	
18:27		8.1	23.83	9.3	0.71	043	
18:27		8.5	26.51	9.3	0.75	053	
18:27		8.9	27.34	9.2	0.71	051	
18:27		9.4	27.65	9.2	0.69	048	
18:27		9.8	27.68	9.2	0.55	060	
18:27		10.3	27.65	9.2	0.54	100	
18:27		10.5	27.69	9.2	0.48	078	
18:27		10.6	27.68	9.2	0.44	052	
18:27		10.6	27.73	9.2	0.43	070	
18:27		10.6	27.72	9.2	0.59	051	
18:27	*	10.6	27.67	9.2	0.42	066	
18:27		10.6	27.69	9.2	0.48	061	

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:31	1.2	1.00	10.0	0.18		207
18:31	1.5	2.19	10.1	0.23		219
18:31	1.9	3.24	10.0	0.26		221
18:31	2.2	3.23	10.0	0.21		239
18:31	2.6	3.54	10.0	0.26		219
18:31	3.0	3.79	10.0	0.25		234
18:31	3.4	4.44	10.0	0.11		229
18:31	3.8	4.90	10.0	0.17		239
18:31	4.2	5.21	10.0	0.10		216
18:31	4.6	6.26	9.9	0.07		168
18:32	5.0	7.13	9.9	0.12	110	
18:32	5.4	8.30	9.9	0.17	109	
18:32	5.8	9.96	9.8	0.22	096	
18:32	6.2	11.60	9.8	0.35	077	
18:32	6.6	13.53	9.7	0.61	035	
18:32	6.9	17.06	9.6	0.46	083	
18:32	7.3	18.74	9.6	0.85	044	
18:32	7.7	21.36	9.5	0.73	043	
18:32	8.1	25.14	9.3	0.73	041	
18:32	8.5	26.05	9.3	0.73	047	
18:32	8.9	27.65	9.2	0.64	063	
18:32	9.3	27.85	9.2	0.64	055	
18:32	9.7	27.87	9.2	0.63	052	
18:32	10.2	27.85	9.2	0.64	044	
18:32	10.5	27.87	9.2	0.56	075	
18:32	10.5	27.88	9.2	0.57	049	
18:32	10.5	27.88	9.2	0.61	050	
18:32	10.5	27.88	9.2	0.57	055	

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:36	1.1	1.00	10.1	0.10		226
18:36	1.6	1.00	10.1	0.13		270
18:36	2.0	1.00	10.1	0.12		275
18:36	2.4	2.48	10.1	0.07		249
18:36	2.9	3.60	10.0	0.11		239
18:36	3.3	4.64	10.0	0.12		256
18:36	3.8	5.20	10.0	0.10		264
18:36	4.3	5.74	10.0	0.11		236
18:36	4.8	6.86	9.9	0.11		157
18:36	5.2	8.63	9.9	0.24	118	
18:37	5.7	10.56	9.8	0.26	105	
18:37	6.2	13.28	9.7	0.42	058	
18:37	6.7	17.15	9.6	0.73	043	
18:37	7.1	19.16	9.6	0.84	044	
18:37	7.6	23.07	9.4	0.74	041	
18:37	8.1	25.26	9.3	0.73	040	
18:37	8.6	26.88	9.3	0.71	052	
18:37	9.1	27.97	9.3	0.68	052	
18:37	9.6	28.03	9.3	0.65	054	
18:37	10.2	28.01	9.3	0.57	057	
18:37	10.6	28.03	9.3	0.35	047	
18:37	10.6	28.04	9.3	0.49	059	
18:37	10.6	28.05	9.3	0.56	044	
18:37	10.6	28.05	9.3	0.44	063	

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
19:00	10.7	28.58	9.3	0.54	055	
19:00	10.7	28.59	9.3	0.52	044	
19:00	10.7	28.59	9.3	0.56	049	
19:00	10.7	28.62	9.3	0.53	057	
19:00	10.2	28.59	9.3	0.47	065	
19:00	9.5	28.50	9.3	0.49	066	
19:00	8.7	28.18	9.3	0.65	054	
19:00	8.0	24.87	9.6	0.70	050	
19:00	7.2	18.05	9.8	0.86	062	
19:00	6.8	16.77	9.8	0.96	055	
19:00	6.5	14.25	9.9	0.89	054	
19:00	6.2	12.93	9.9	0.76	060	
19:00	5.9	11.49	9.9	0.62	067	
19:00	5.7	9.94	10.0	0.46	081	
19:00	5.5	9.64	10.0	0.41	088	
19:00	5.2	8.77	10.0	0.31	096	
19:01	4.9	8.39	10.0	0.25	099	
19:01	4.6	7.68	10.0	0.15	124	
19:01	4.4	7.24	10.0	0.13		151
19:01	4.0	6.72	10.1	0.07		154
19:01	3.7	6.41	10.1	0.11		220
19:01	3.5	6.36	10.1	0.12		234
19:01	3.2	6.23	10.1	0.09		209
19:01	2.9	6.04	10.1	0.14		225
19:01	2.6	5.81	10.1	0.16		240
19:01	2.3	5.11	10.1	0.11		229
19:01	1.9	3.59	10.1	0.07		260
19:01	1.6	2.63	10.1	0.09		249
19:01	1.3	2.60	10.1	0.08		264
19:01	1.0	1.00	10.1	0.19		217

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
19:23	10.9	28.66	9.3	0.51	063	
19:23	10.9	28.67	9.3	0.52	059	
19:23	10.9	28.66	9.3	0.54	057	
19:23	10.9	28.66	9.3	0.56	063	
19:23	10.9	28.69	9.3	0.57	059	
19:23	10.9	28.67	9.3	0.56	058	
19:23	10.9	28.69	9.3	0.59	059	
19:23	10.9	28.66	9.3	0.60	059	
19:23	10.7	28.67	9.3	0.47	055	
19:23	10.4	28.65	9.3	0.54	054	
19:23	10.1	28.65	9.3	0.64	049	
19:24	9.7	28.66	9.3	0.60	055	
19:24	9.4	28.51	9.3	0.65	059	
19:24	9.0	28.33	9.4	0.71	062	
19:24	8.7	26.04	9.5	0.74	063	
19:24	8.3	24.00	9.6	0.82	056	
19:24	7.9	22.90	9.7	0.92	055	
19:24	7.6	21.37	9.8	0.89	060	
19:24	7.3	18.98	9.8	1.01	066	
19:24	7.0	17.08	9.9	0.98	065	
19:24	6.7	15.49	10.0	0.90	069	
19:24	6.3	14.13	10.0	0.72	070	
19:24	6.0	12.95	10.1	0.64	073	
19:24	5.6	11.86	10.2	0.53	084	
19:24	5.4	10.44	10.2	0.46	094	
19:24	5.0	9.57	10.3	0.31	102	
19:24	4.7	8.49	10.3	0.33	121	
19:24	4.4	7.86	10.3	0.23	108	
19:24	4.0	7.76	10.3	0.13	109	
19:24	3.7	7.64	10.4	0.16		163
19:24	3.3	7.39	10.4	0.13		168
19:25	3.0	6.49	10.4	0.09		246
19:25	2.7	6.36	10.4	0.16		253
19:25	2.3	6.22	10.3	0.07		288
19:25	1.9	4.89	10.2	0.10	024	
19:25	1.6	3.01	10.1	0.12	338	
19:25	1.3	1.00	10.1	0.06	050	
19:25	0.9	1.00	10.1	0.05	339	

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
20:02		11.5	29.01	9.3	0.48	049	
20:02		11.5	29.02	9.3	0.48	057	
20:02		11.5	29.02	9.3	0.49	044	
20:03		11.5	29.02	9.3	0.47	063	
20:03	*	11.5	29.02	9.3	0.47	054	
20:03		11.5	29.02	9.3	0.41	052	
20:03		11.5	29.02	9.3	0.38	056	
20:03		11.5	29.02	9.3	0.45	055	
20:03		11.5	29.01	9.3	0.40	057	
20:03		11.5	29.00	9.3	0.50	053	
20:03		11.5	29.02	9.3	0.48	054	
20:03		11.5	29.02	9.3	0.45	050	
20:03		11.5	29.01	9.3	0.49	058	
20:03		11.5	29.00	9.3	0.52	061	
20:03		11.0	29.00	9.3	0.50	061	
20:03		10.3	29.01	9.3	0.64	051	
20:03		9.7	28.98	9.3	0.55	070	
20:03		9.1	28.77	9.4	0.57	068	
20:03		8.8	28.56	9.4	0.59	061	
20:03		8.5	27.64	9.5	0.61	066	
20:03		8.2	26.48	9.6	0.59	062	
20:03		7.8	25.92	9.6	0.68	064	
20:03		7.5	25.43	9.7	0.82	059	
20:04	*	7.2	20.76	9.8	0.94	066	
20:04		6.9	18.42	10.2	0.94	072	
20:04		6.6	16.62	10.5	0.80	077	
20:04		6.3	15.32	10.5	0.61	087	
20:04		6.0	15.06	10.6	0.55	085	
20:04		5.7	14.20	10.7	0.50	096	
20:04		5.4	12.77	10.8	0.47	098	
20:04		5.1	10.22	10.6	0.31	119	
20:04		4.8	8.86	10.6	0.19		152
20:04		4.5	8.45	10.5	0.12		179
20:04	*	4.2	8.10	10.4	0.05		278
20:04		3.9	7.55	10.4	0.10		309
20:04		3.6	7.02	10.4	0.14		307
20:04		3.2	5.71	10.3	0.15		305
20:04		3.0	4.81	10.1	0.11		230
20:04		2.6	4.29	10.1	0.19		250
20:04		2.4	2.85	10.1	0.05		260
20:04		2.0	2.53	10.1	0.03	129	
20:04		1.7	2.75	10.1	0.11	348	
20:04		1.4	1.00	10.1	0.26	343	
20:04	*	1.1	1.00	10.0	0.07		263
20:05		0.9	1.00	10.1	0.11		295

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
20:08	1.0	1.00	10.1	0.04		264
20:08	1.4	3.21	10.1	0.18		283
20:08	1.9	2.63	10.1	0.10		320
20:08	2.3	3.00	10.1	0.05		314
20:08	2.7	3.84	10.1	0.18		284
20:08	3.1	5.00	10.1	0.27		275
20:08	3.5	5.94	10.2	0.20		278
20:08	4.0	7.14	10.8	0.13		249
20:08	4.4	8.30	10.9	0.18		211
20:08	4.8	9.29	11.0	0.15		209
20:09	5.2	12.08	10.9	0.20		164
20:09	5.7	14.60	10.6	0.25	117	
20:09	6.1	15.87	10.5	0.40	074	
20:09	6.5	17.21	10.4	0.47	077	
20:09	6.8	20.64	10.0	0.63	083	
20:09	7.2	24.24	9.8	0.79	058	
20:09	7.7	25.84	9.7	0.75	064	
20:09	8.1	26.65	9.6	0.67	058	
20:09	8.5	27.27	9.5	0.60	064	
20:09	8.8	28.79	9.3	0.69	063	
20:09	9.2	28.94	9.3	0.67	058	
20:09	9.6	28.93	9.3	0.52	074	
20:09	9.9	28.98	9.3	0.50	073	
20:09	10.3	28.97	9.3	0.61	059	
20:09	10.6	28.98	9.3	0.56	057	
20:09	10.9	28.96	9.3	0.52	062	
20:09	11.2	28.98	9.3	0.65	055	
20:09	11.5	29.02	9.3	0.59	056	
20:09	11.8	29.00	9.3	0.47	050	
20:09	11.8	28.99	9.3	0.51	056	
20:09	12.0	29.00	9.3	0.38	047	
20:10	12.1	29.01	9.3	0.52	053	
20:10	12.1	29.01	9.3	0.52	055	
20:10	12.1	29.00	9.3	0.50	051	
20:10	12.1	29.00	9.3	0.56	059	
20:10	12.0	28.99	9.3	0.54	060	
20:10	12.1	29.02	9.3	0.45	054	
20:10	12.1	29.01	9.3	0.45	060	

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
20:33	12.0	28.98	9.3	0.43	050	
20:33	12.0	28.99	9.3	0.34	049	
20:33	12.0	29.00	9.3	0.43	067	
20:33	12.0	29.01	9.3	0.42	055	
20:33	11.9	29.00	9.3	0.38	054	
20:33	12.0	29.01	9.3	0.46	059	
20:33	11.9	29.01	9.3	0.52	054	
20:33	12.0	29.02	9.3	0.52	059	
20:34	12.0	29.01	9.3	0.46	058	
20:34	11.8	29.02	9.3	0.50	058	
20:34	11.4	29.01	9.3	0.48	053	
20:34	11.0	29.01	9.3	0.54	052	
20:34	10.8	28.99	9.3	0.49	059	
20:34	10.5	28.97	9.3	0.56	051	
20:34	10.3	28.96	9.3	0.53	058	
20:34	10.0	28.96	9.3	0.52	060	
20:34	9.7	28.94	9.3	0.57	057	
20:34	9.5	28.94	9.3	0.57	053	
20:34	9.2	28.88	9.3	0.55	061	
20:34	9.0	28.88	9.3	0.57	063	
20:34	8.7	28.45	9.4	0.58	061	
20:34	8.4	26.72	9.6	0.65	054	
20:34	8.1	24.67	9.8	0.70	057	
20:34	7.9	22.79	9.9	0.79	065	
20:34	7.6	21.79	10.0	0.79	064	
20:34	7.4	21.10	10.1	0.76	063	
20:34	7.1	20.04	10.3	0.67	069	
20:34	6.8	18.71	10.4	0.54	075	
20:35	6.6	18.09	10.5	0.44	076	
20:35	6.3	17.19	10.6	0.40	081	
20:35	6.0	16.82	10.7	0.36	085	
20:35	5.7	16.69	10.7	0.31	091	
20:35	5.5	15.43	11.0	0.28	085	
20:35	5.2	13.60	11.2	0.18	139	
20:35	4.9	11.65	11.4	0.16	146	
20:35	4.7	10.46	11.3	0.19		186
20:35	4.4	10.05	11.3	0.15		184
20:35	4.1	9.42	11.2	0.09		179
20:35	3.8	8.83	11.1	0.12		247
20:35	3.5	8.34	11.1	0.18		274
20:35	3.3	7.75	11.1	0.22		265
20:35	2.9	6.59	11.2	0.24		286
20:35	2.6	5.83	11.0	0.27		279
20:35	2.1	4.61	10.7	0.20		279
20:35	1.5	4.16	10.7	0.31		284
20:35	1.2	3.81	10.8	0.28		285

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
21:02	12.3	29.15	9.3	0.46	051	
21:02	12.3	29.16	9.3	0.51	052	
21:02	12.4	29.13	9.3	0.56	055	
21:02	11.9	29.12	9.3	0.45	066	
21:02	11.5	29.15	9.3	0.39	075	
21:02	10.9	29.13	9.3	0.48	054	
21:02	10.5	29.11	9.3	0.47	060	
21:02	10.1	29.06	9.3	0.54	063	
21:02	9.7	29.09	9.3	0.57	061	
21:02	9.2	29.06	9.3	0.53	064	
21:02	8.5	28.65	9.4	0.58	058	
21:02	8.1	24.87	9.7	0.58	062	
21:02	7.7	23.08	10.0	0.62	069	
21:02	7.4	22.66	10.1	0.66	062	
21:02	7.1	21.51	10.3	0.62	071	
21:03	6.7	20.18	10.5	0.52	085	
21:03	6.4	19.42	10.6	0.43	080	
21:03	6.0	19.01	10.7	0.38	075	
21:03	5.7	18.39	10.8	0.29	104	
21:03	5.4	16.27	11.2	0.27	092	
21:03	5.0	11.99	11.3	0.22		158
21:03	4.7	11.47	11.2	0.17		163
21:03	4.3	11.09	11.1	0.22		205
21:03	3.8	9.30	11.3	0.17		222
21:03	3.5	8.33	11.2	0.17		266
21:03	3.1	7.32	11.3	0.21		257
21:03	2.7	6.63	11.3	0.21		276
21:03	2.4	5.93	11.2	0.25		270
21:03	1.9	5.57	11.2	0.29		279
21:03	1.7	4.73	11.1	0.32		281
21:03	1.4	2.20	10.8	0.37		306
21:03	1.0	1.00	10.7	0.10		309
21:03	0.8	1.00	10.1	0.10		221

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
21:32	12.4	29.15	9.3	0.29	066	
21:32	12.4	29.14	9.3	0.29	020	
21:32	12.3	29.14	9.3	0.30	046	
21:32	12.3	29.15	9.3	0.41	052	
21:32	12.3	29.16	9.3	0.40	059	
21:32	12.3	29.14	9.3	0.35	063	
21:32	12.3	29.12	9.3	0.38	040	
21:32	12.1	29.16	9.3	0.38	049	
21:32	11.6	29.17	9.3	0.35	067	
21:32	11.0	29.17	9.3	0.36	056	
21:33	10.4	29.14	9.3	0.40	061	
21:33	9.9	29.14	9.3	0.44	056	
21:33	9.3	29.10	9.3	0.52	058	
21:33	8.7	28.99	9.3	0.49	065	
21:33	8.2	28.85	9.4	0.49	056	
21:33	7.7	25.84	9.9	0.48	054	
21:33	7.2	22.98	10.2	0.55	063	
21:33	6.8	21.14	10.5	0.52	070	
21:33	6.4	19.95	10.7	0.44	067	
21:33	6.0	19.57	10.7	0.29	092	
21:33	5.6	17.96	11.2	0.25	088	
21:33	5.3	14.59	11.4	0.21	124	
21:33	5.0	12.95	11.3	0.21		163
21:33	4.6	12.57	11.2	0.15		170
21:33	4.0	12.02	11.2	0.11		181
21:33	3.6	10.91	11.2	0.15		243
21:33	3.1	9.26	11.3	0.22		255
21:33	2.6	7.18	11.3	0.29		258
21:33	2.2	6.36	11.1	0.32		279
21:33	1.8	6.05	11.2	0.31		278
21:33	1.4	5.15	11.1	0.26		272

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
22:00	1.4	1.00	10.2	0.09		323
22:00	1.7	4.34	10.9	0.13		289
22:00	1.9	1.00	10.2	0.10	128	
22:00	2.2	4.01	10.8	0.33		262
22:00	2.5	5.55	11.1	0.18		233
22:00	2.7	6.47	11.1	0.34		262
22:00	3.0	6.87	11.3	0.35		245
22:00	3.3	8.59	11.4	0.31		235
22:00	3.6	10.24	11.2	0.22		244
22:00	4.0	11.28	11.2	0.22		189
22:00	4.3	12.18	11.2	0.19		185
22:00	4.6	12.89	11.2	0.20		181
22:00	4.9	14.39	11.2	0.20		168
22:00	5.2	17.70	10.8	0.19	126	
22:00	5.6	19.96	10.6	0.23	113	
22:00	5.9	21.25	10.4	0.33	088	
22:00	6.2	23.23	10.1	0.41	066	
22:00	6.6	25.03	9.9	0.41	069	
22:00	6.9	28.05	9.4	0.39	066	
22:00	7.2	28.65	9.4	0.36	069	
22:01	7.6	28.89	9.4	0.38	069	
22:01	8.0	29.03	9.3	0.42	072	
22:01	8.3	29.06	9.3	0.43	071	
22:01	8.7	29.09	9.3	0.44	068	
22:01	9.0	29.12	9.3	0.44	068	
22:01	9.2	29.11	9.3	0.46	060	
22:01	9.6	29.10	9.3	0.44	065	
22:01	10.0	29.13	9.3	0.46	057	
22:01	10.3	29.12	9.3	0.46	058	
22:01	10.7	29.14	9.3	0.44	053	
22:01	11.0	29.15	9.3	0.44	052	
22:01	11.3	29.14	9.3	0.44	057	
22:01	11.6	29.17	9.3	0.43	056	
22:01	11.9	29.15	9.3	0.41	052	
22:01	12.2	29.14	9.3	0.33	046	
22:01	12.2	29.14	9.3	0.33	056	
22:01	12.2	29.14	9.3	0.38	049	
22:01	12.2	29.13	9.3	0.36	059	

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
22:30	1.2	3.51	10.2	0.13		306
22:30	1.4	4.24	10.3	0.13		317
22:30	1.6	4.46	10.5	0.20		268
22:30	1.9	3.97	10.5	0.24		266
22:30	2.1	4.66	10.9	0.27		252
22:30	2.3	4.98	10.6	0.23		253
22:30	2.5	4.89	10.7	0.25		266
22:30	2.7	5.86	11.2	0.22		251
22:30	2.9	6.65	11.3	0.38		238
22:30	3.1	6.85	11.2	0.39		254
22:30	3.3	7.50	11.0	0.37		254
22:30	3.6	9.62	11.3	0.31		232
22:30	3.9	13.45	11.2	0.18		226
22:30	4.2	14.23	11.2	0.15		190
22:30	4.4	18.57	10.9	0.16	138	
22:30	4.7	21.35	10.5	0.26	108	
22:30	5.0	22.83	10.2	0.28	074	
22:31	5.3	23.35	10.2	0.32	064	
22:31	5.7	24.15	10.0	0.35	064	
22:31	6.0	25.78	9.7	0.31	053	
22:31	6.3	27.85	9.5	0.27	060	
22:31	6.6	28.63	9.4	0.27	063	
22:31	6.8	28.79	9.4	0.29	063	
22:31	7.2	28.92	9.3	0.26	067	
22:31	7.5	29.01	9.3	0.31	069	
22:31	7.8	29.12	9.3	0.31	063	
22:31	8.1	29.13	9.3	0.31	060	
22:31	8.4	29.15	9.3	0.30	061	
22:31	8.6	29.17	9.3	0.29	060	
22:31	8.8	29.15	9.3	0.29	055	
22:31	9.1	29.15	9.3	0.33	047	
22:31	9.3	29.16	9.3	0.28	062	
22:31	9.7	29.18	9.3	0.28	069	
22:31	10.0	29.21	9.3	0.27	055	
22:31	10.3	29.18	9.3	0.27	065	
22:31	10.6	29.17	9.3	0.28	052	
22:31	10.9	29.21	9.3	0.24	048	
22:31	11.1	29.20	9.3	0.23	051	
22:32	11.4	29.18	9.3	0.23	055	
22:32	11.7	29.20	9.3	0.23	040	
22:32	11.7	29.18	9.3	0.18	062	
22:32	11.8	29.21	9.3	0.22	058	
22:32	11.8	29.20	9.3	0.21	052	
22:32	11.8	29.18	9.3	0.21	056	
22:32	11.8	29.19	9.3	0.22	055	

PROFILES AT STEVESTON BEND (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

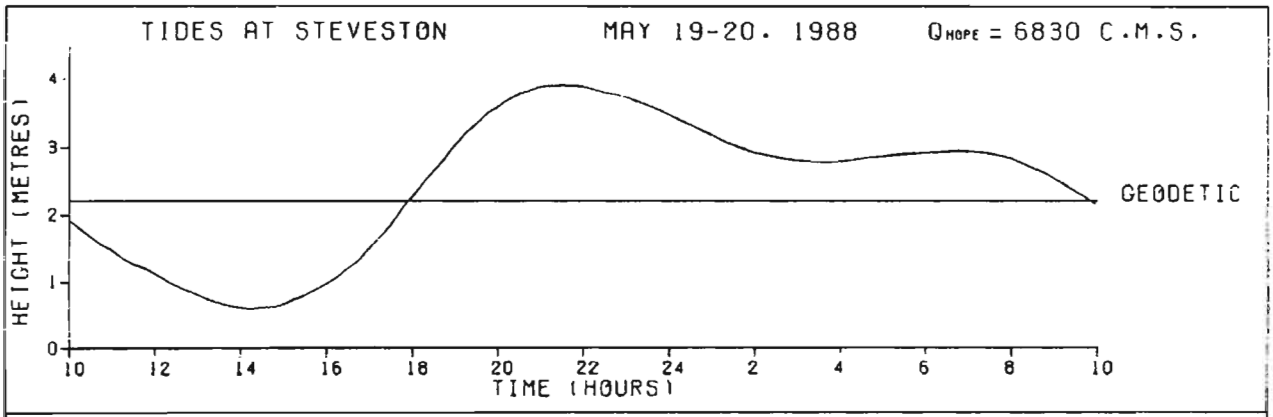
TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
23:01	11.7	29.30	9.2	0.21	058	
23:01	11.7	29.28	9.2	0.21	071	
23:01	11.7	29.31	9.2	0.16	031	
23:01	11.5	29.29	9.2	0.25	057	
23:01	10.9	29.30	9.2	0.18	071	
23:01	10.6	29.31	9.2	0.22	072	
23:01	10.2	29.30	9.2	0.25	061	
23:01	10.0	29.29	9.2	0.27	056	
23:01	9.8	29.28	9.2	0.28	060	
23:01	9.3	29.29	9.2	0.27	068	
23:01	8.8	29.30	9.2	0.27	064	
23:01	8.4	29.30	9.2	0.31	065	
23:01	8.0	29.26	9.3	0.32	064	
23:01	7.5	29.22	9.3	0.28	065	
23:01	7.1	29.18	9.3	0.25	071	
23:02	6.7	29.14	9.3	0.21	068	
23:02	6.2	29.08	9.3	0.21	070	
23:02	5.8	28.97	9.4	0.20	061	
23:02	5.4	27.43	9.7	0.24	060	
23:02	4.9	27.04	9.7	0.30	065	
23:02	4.5	23.77	10.3	0.26	084	
23:02	4.1	19.18	10.9	0.18	148	
23:02	3.7	17.30	10.8	0.14		230
23:02	3.2	15.64	10.8	0.15		267
23:02	2.8	10.27	10.4	0.16		288
23:02	2.3	6.53	10.3	0.11		323
23:02	1.9	3.31	10.2	0.13		289
23:02	1.4	2.81	10.1	0.12		249
23:02	1.1	3.40	10.1	0.11		288
23:02	0.7	1.00	10.0	0.19		250

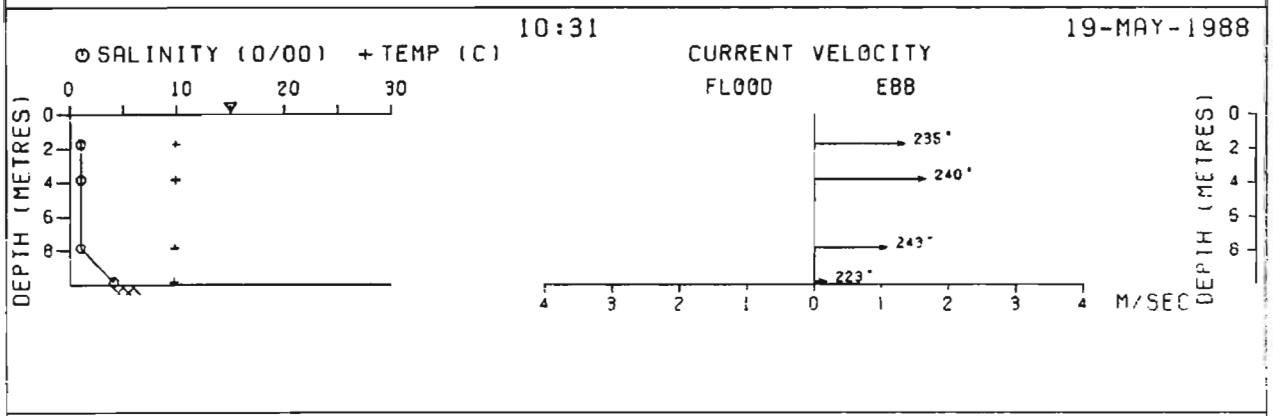
PROFILES AT STEVESTON BEND (* = Plotted Value)

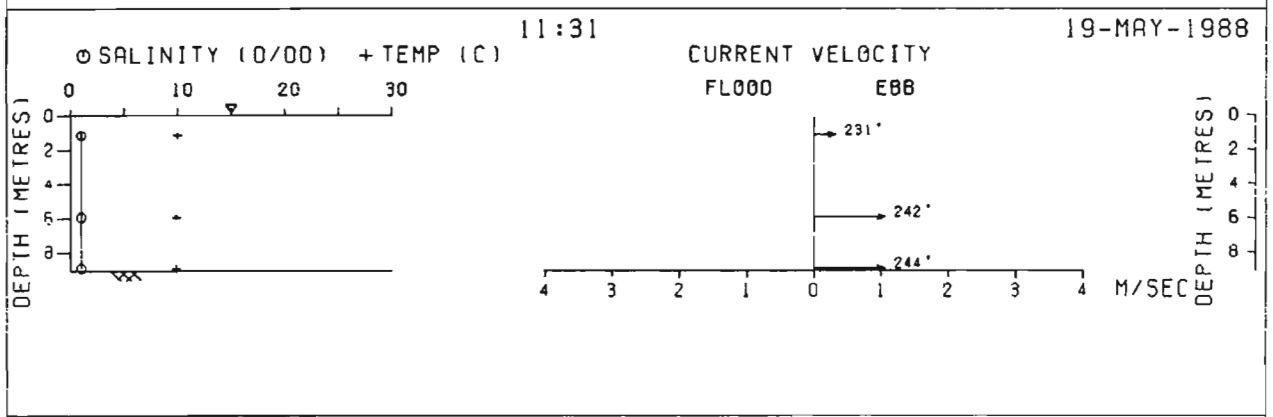
19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

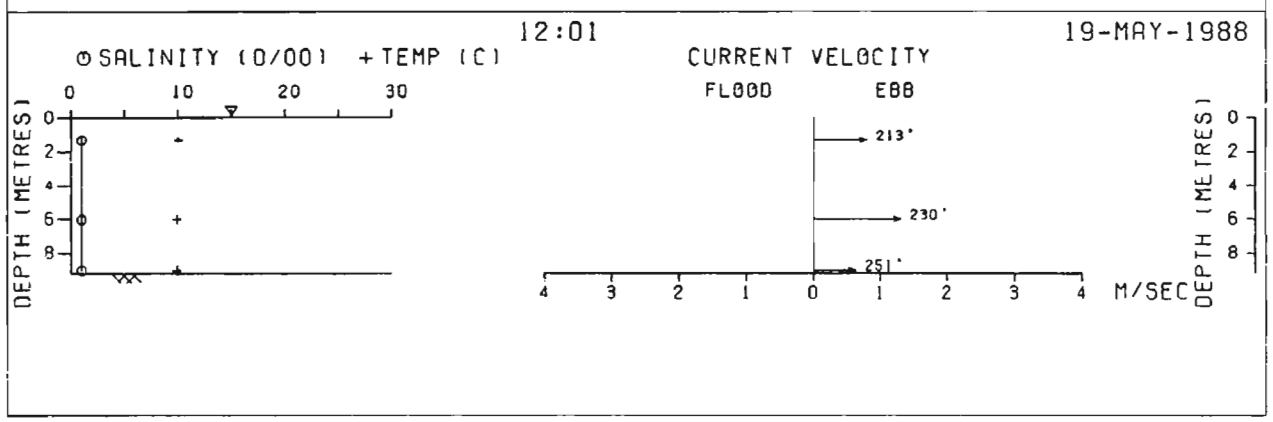
TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
23:30	11.7	29.38	9.2	0.13	061	
23:30	11.6	29.39	9.2	0.17	058	
23:30	11.7	29.38	9.2	0.10	053	
23:30	11.6	29.38	9.2	0.19	057	
23:30	11.7	29.38	9.2	0.15	060	
23:30	11.6	29.39	9.2	0.15	053	
23:31	11.7	29.39	9.2	0.20	059	
23:31	11.7	29.39	9.2	0.15	068	
23:31	11.5	29.39	9.2	0.30	054	
23:31	10.9	29.38	9.2	0.23	065	
23:31	10.4	29.38	9.2	0.20	076	
23:31	10.1	29.39	9.2	0.20	066	
23:31	9.8	29.37	9.2	0.20	069	
23:31	9.3	29.37	9.2	0.19	065	
23:31	9.0	29.37	9.2	0.19	064	
23:31	8.7	29.36	9.2	0.18	060	
23:31	8.3	29.37	9.2	0.17	071	
23:31	8.0	29.36	9.2	0.18	056	
23:31	7.7	29.36	9.2	0.20	046	
23:31	7.3	29.36	9.2	0.13	078	
23:31	7.0	29.35	9.2	0.17	068	
23:31	6.6	29.35	9.2	0.16	070	
23:31	6.3	29.35	9.2	0.19	075	
23:31	5.9	29.34	9.2	0.16	073	
23:31	5.6	29.27	9.2	0.19	060	
23:31	5.2	29.17	9.3	0.17	057	
23:32	4.9	28.66	9.4	0.20	080	
23:32	4.6	24.92	10.0	0.18	115	
23:32	4.3	20.63	10.0	0.11		166
23:32	3.9	16.63	10.1	0.14		261
23:32	3.6	15.51	10.1	0.21		272
23:32	3.2	15.36	10.1	0.23		269
23:32	3.0	10.68	10.1	0.01		300
23:32	2.7	9.93	10.1	0.24		290
23:32	2.3	10.50	10.1	0.37		305
23:32	2.0	10.08	10.1	0.35		292
23:32	1.7	7.54	10.1	0.21		274
23:32	1.4	6.86	10.1	0.24		313
23:32	1.1	5.18	10.1	0.18		291
23:32	0.8	6.26	10.1	0.20		279

PROFILES AT STEVESTON BEND

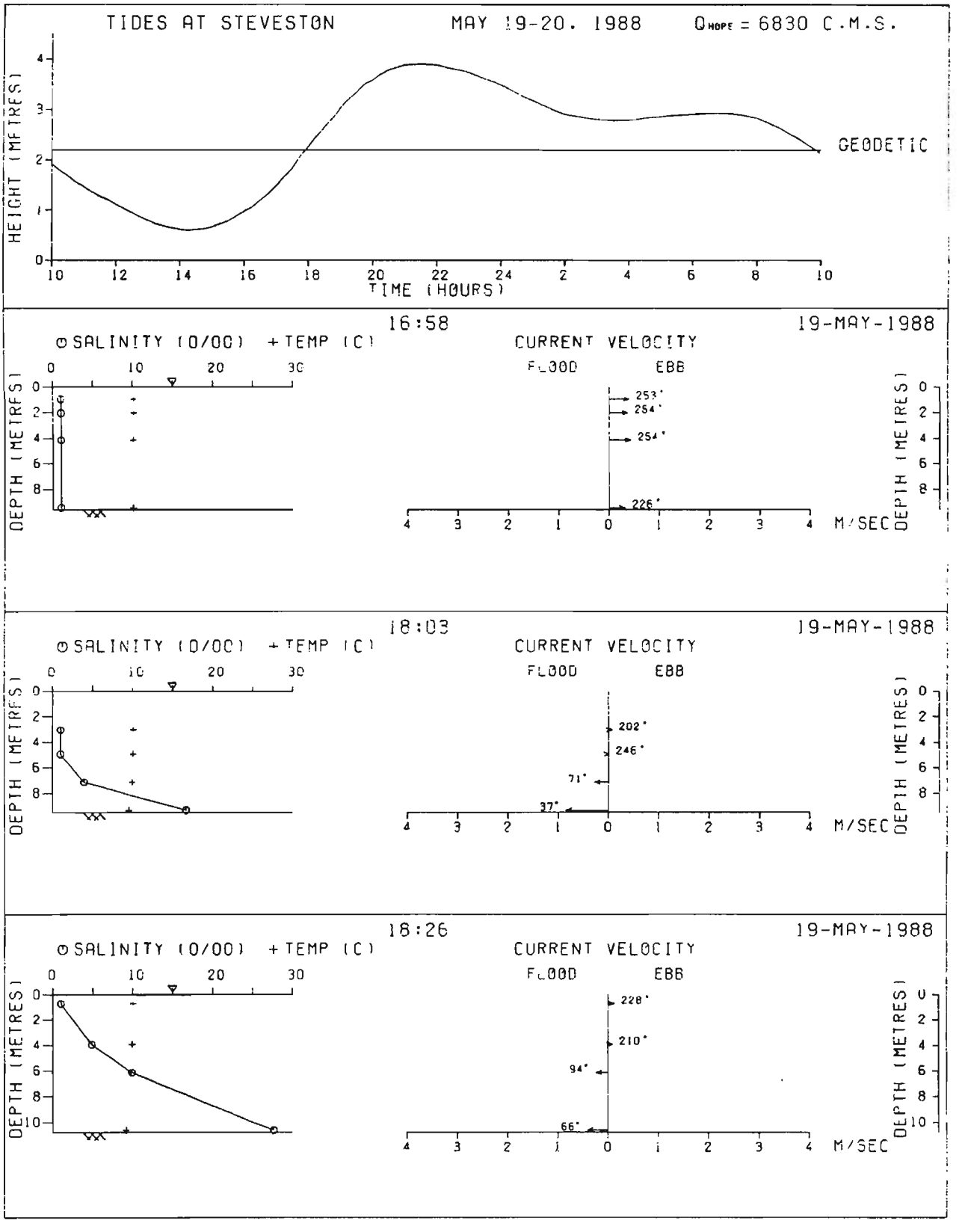




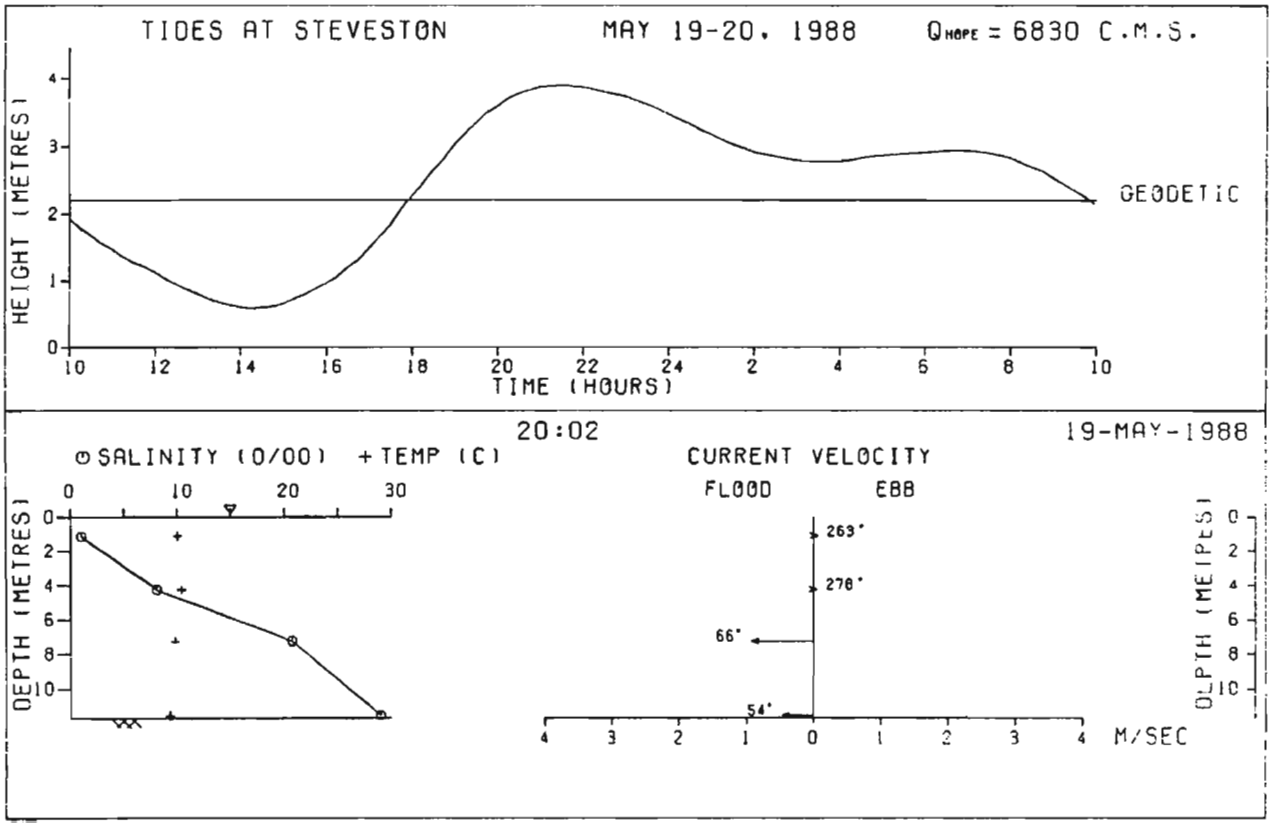




PROFILES AT STEVESTON BEND



PROFILES AT STEVESTON BEND



TIME SERIES AT STEVESTON BEND (Plotted)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

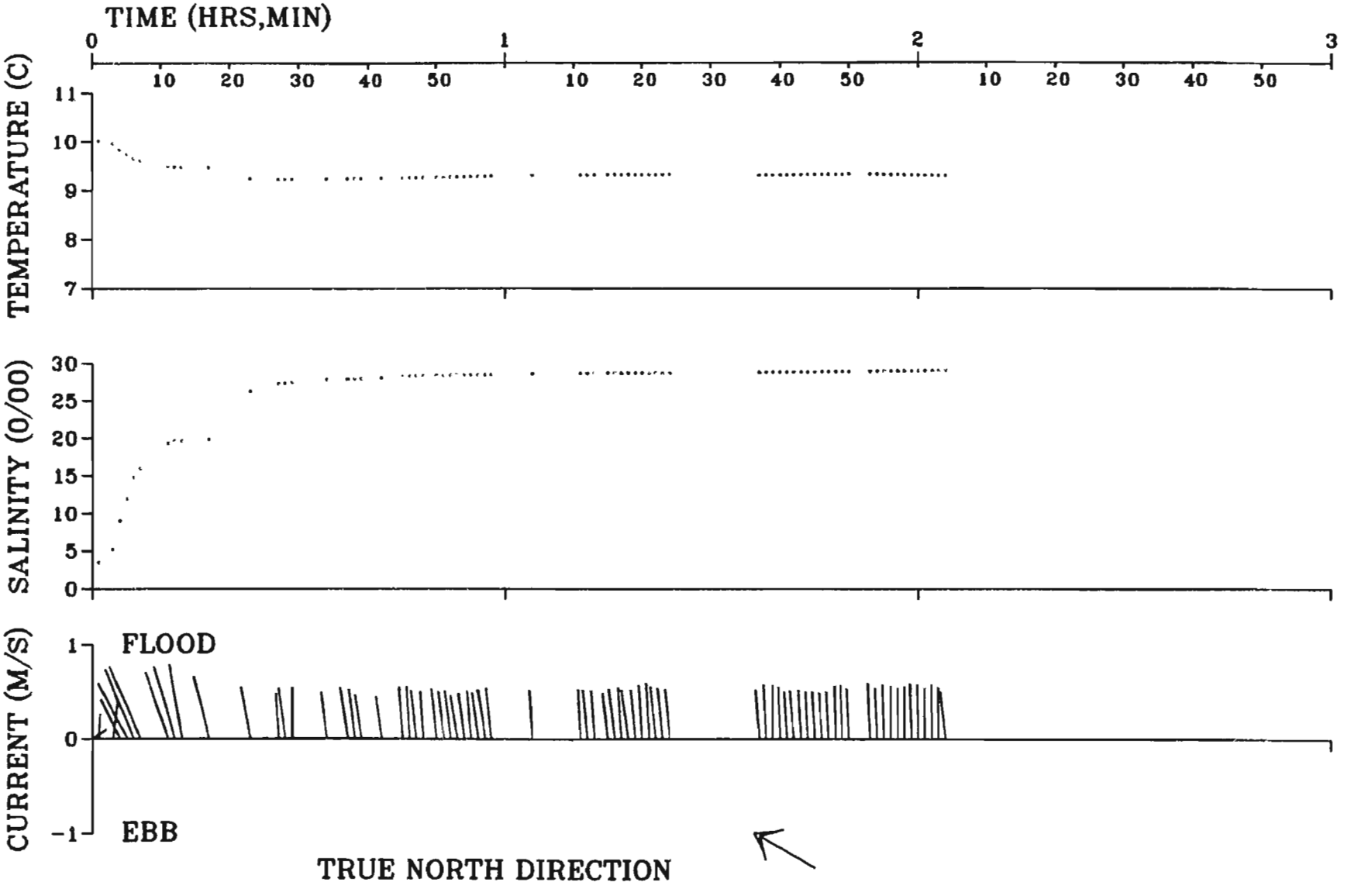
TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMP (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
17:56	8.7	1.00	10.1	0.18	118
17:57	8.6	3.46	10.0	0.26	062
17:59	8.4	5.20	10.0	0.40	067
18:00	8.9	9.02	9.8	0.46	034
18:01	9.0	11.96	9.7	0.66	032
18:02	9.2	14.77	9.7	0.80	037
18:03	9.3	15.97	9.6	0.84	036
18:07	10.1	19.32	9.5	0.75	040
18:08	10.0	19.64	9.5	0.81	043
18:09	10.0	19.65	9.5	0.81	050
18:13	9.7	19.86	9.5	0.68	045
18:19	10.1	26.27	9.2	0.56	048
18:23	10.2	27.24	9.2	0.48	055
18:24	10.3	27.36	9.2	0.54	051
18:25	10.3	27.46	9.2	0.54	060
18:30	10.6	27.82	9.2	0.49	052
18:33	10.5	27.91	9.2	0.54	051
18:34	10.5	27.95	9.2	0.52	052
18:35	10.5	27.96	9.2	0.47	050
18:38	10.6	28.06	9.3	0.45	050
18:41	10.7	28.28	9.3	0.55	055
18:42	10.7	28.31	9.3	0.56	055
18:43	10.7	28.34	9.3	0.52	052
18:44	10.7	28.37	9.3	0.50	055
18:46	10.7	28.38	9.3	0.53	053
18:47	10.7	28.39	9.3	0.51	053
18:48	10.7	28.41	9.3	0.52	052
18:49	10.7	28.43	9.3	0.47	050
18:50	10.7	28.44	9.3	0.49	052
18:51	10.7	28.46	9.3	0.51	054
18:52	10.7	28.46	9.3	0.49	052
18:53	10.7	28.50	9.3	0.53	051
18:54	10.7	28.51	9.3	0.54	053
19:00	10.7	28.60	9.3	0.52	055
19:07	10.9	28.68	9.3	0.53	056
19:08	10.9	28.69	9.3	0.53	054

TIME SERIES AT STEVESTON BEND (Plotted)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMP (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
19:09	10.9	28.71	9.3	0.52	055
19:11	11.0	28.71	9.3	0.49	053
19:12	10.9	28.71	9.3	0.53	052
19:13	10.9	28.72	9.3	0.55	055
19:14	10.9	28.73	9.3	0.53	051
19:15	10.9	28.73	9.3	0.52	054
19:16	10.9	28.73	9.3	0.57	056
19:17	10.9	28.73	9.3	0.59	056
19:18	10.9	28.73	9.3	0.56	053
19:19	10.9	28.73	9.3	0.54	054
19:20	10.9	28.71	9.3	0.53	054
19:33	11.4	28.82	9.3	0.52	055
19:34	11.4	28.83	9.3	0.58	056
19:35	11.4	28.83	9.3	0.57	059
19:36	11.4	28.84	9.3	0.56	057
19:37	11.4	28.85	9.3	0.50	056
19:38	11.4	28.84	9.3	0.51	054
19:39	11.4	28.86	9.3	0.52	056
19:40	11.4	28.86	9.3	0.50	057
19:41	11.4	28.87	9.3	0.50	056
19:42	11.4	28.88	9.3	0.49	055
19:43	11.4	28.91	9.3	0.50	056
19:44	11.4	28.92	9.3	0.56	058
19:45	11.4	28.93	9.3	0.57	057
19:46	11.4	28.91	9.3	0.54	057
19:49	11.5	28.94	9.3	0.59	057
19:50	11.5	28.96	9.3	0.54	057
19:51	11.5	28.97	9.3	0.57	058
19:52	11.5	28.99	9.3	0.56	059
19:53	11.5	28.99	9.3	0.54	059
19:54	11.5	28.99	9.3	0.55	060
19:55	11.4	29.01	9.3	0.59	058
19:56	11.4	29.03	9.3	0.58	058
19:57	11.5	29.03	9.3	0.54	059
19:58	11.4	29.04	9.3	0.58	058
19:59	11.5	29.05	9.3	0.55	059
20:00	11.4	29.05	9.3	0.51	053

TIME SERIES AT BOTTOM, STEVESTON BEND
19-MAY-1988 START TIME 17:56 PST



PROFILES AT STEVESTON BEND (* = Plotted Value)

20-MAY-1988 RIVER DISCHARGE AT HOPE = 6520 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
0:00	11.6	29.48	9.2	0.11		308
0:00	11.6	29.48	9.2	0.09		313
0:00	11.6	29.48	9.2	0.08		306
0:00	11.6	29.50	9.2	0.09		324
0:00	11.6	29.50	9.2	0.09		320
0:01	11.6	29.49	9.2	0.09	342	
0:01	11.6	29.48	9.2	0.17	332	
0:01	11.6	29.51	9.2	0.12	344	
0:01	11.6	29.48	9.2	0.12	337	
0:01	11.5	29.50	9.2	0.23		269
0:01	11.0	29.49	9.2	0.16		304
0:01	10.5	29.49	9.2	0.07		298
0:01	9.9	29.51	9.2	0.11		295
0:01	9.3	29.49	9.2	0.12		305
0:01	8.8	29.48	9.2	0.14		289
0:01	8.2	29.48	9.2	0.16		275
0:01	7.7	29.49	9.2	0.16		292
0:01	7.2	29.49	9.2	0.14		321
0:01	6.6	29.48	9.2	0.17		310
0:01	6.1	29.46	9.2	0.17		309
0:01	5.6	29.44	9.2	0.17		317
0:01	5.1	28.89	9.3	0.19	334	
0:01	4.6	27.98	9.4	0.06	351	
0:01	4.1	23.72	9.6	0.04		235
0:01	3.7	20.50	9.7	0.15		210
0:02	3.3	18.31	9.8	0.16		250
0:02	2.8	17.83	9.8	0.24		232
0:02	2.4	15.91	9.8	0.22		222
0:02	2.0	12.56	9.9	0.24		228
0:02	1.6	11.90	9.9	0.39		160
0:02	1.2	10.87	9.9	0.17		239
0:02	0.8	9.35	9.9	0.26		258

PROFILES AT STEVESTON BEND (* = Plotted Value)

20-MAY-1988 RIVER DISCHARGE AT HOPE = 6520 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
0:31	11.4	29.54	9.1	0.08		272
0:31	11.4	29.52	9.1	0.08		263
0:31	11.4	29.53	9.2	0.06		237
0:31	11.4	29.54	9.1	0.07		267
0:31	11.4	29.53	9.1	0.06		248
0:31	11.4	29.52	9.2	0.07		255
0:31	10.7	29.54	9.2	0.12		261
0:31	10.2	29.54	9.2	0.11		297
0:31	9.6	29.54	9.2	0.07		273
0:31	8.9	29.54	9.2	0.08		276
0:31	8.3	29.54	9.2	0.10		312
0:31	7.6	29.54	9.2	0.08		326
0:31	7.0	29.54	9.2	0.08		323
0:31	6.3	29.54	9.2	0.09		327
0:31	5.7	29.54	9.2	0.10		317
0:31	5.0	29.27	9.2	0.09	337	
0:31	4.4	26.83	9.3	0.04		167
0:31	3.8	23.00	9.5	0.14		216
0:31	3.1	20.60	9.5	0.09		205
0:32	2.5	18.02	9.6	0.16		221
0:32	1.8	16.15	9.7	0.33		165
0:32	1.2	11.65	9.8	0.20		185

PROFILES AT STEVESTON BEND (* = Plotted Value)

20-MAY-1988 RIVER DISCHARGE AT HOPE = 6520 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
1:02	11.2	29.51	9.1	0.07	057	
1:02	11.2	29.52	9.1	0.05	047	
1:02	11.2	29.51	9.1	0.13	086	
1:03	11.2	29.51	9.1	0.05	059	
1:03	11.2	29.50	9.1	0.08	064	
1:03	11.2	29.51	9.1	0.08	059	
1:03	11.2	29.51	9.1	0.07	057	
1:03	11.2	29.52	9.1	0.06	019	
1:03	10.9	29.54	9.1	0.09	100	
1:03	10.5	29.55	9.1	0.06	049	
1:03	10.3	29.54	9.1	0.12	012	
1:03	9.9	29.55	9.1	0.08	047	
1:03	9.5	29.54	9.1	0.04	056	
1:03	9.1	29.55	9.1	0.04	023	
1:03	8.7	29.55	9.1	0.08	039	
1:03	8.2	29.54	9.1	0.04	087	
1:03	7.8	29.53	9.1	0.03	047	
1:03	7.4	29.54	9.1	0.02	027	
1:03	7.0	29.55	9.1	0.03	130	
1:03	6.6	29.54	9.1	0.02	036	
1:03	6.2	29.56	9.1	0.05	031	
1:03	5.8	29.56	9.1	0.11	073	
1:03	5.4	28.57	9.2	0.03	033	
1:03	5.0	26.23	9.3	0.11		254
1:04	4.6	24.97	9.3	0.13		269
1:04	4.1	24.03	9.4	0.21		280
1:04	3.8	23.25	9.4	0.17		269
1:04	3.4	22.16	9.4	0.23		282
1:04	3.0	22.32	9.4	0.25		288
1:04	2.6	21.48	9.4	0.24		262
1:04	2.2	19.50	9.5	0.38		289
1:04	1.8	14.21	9.6	0.45		283
1:04	1.4	9.61	9.7	0.48		262
1:04	1.1	7.48	9.8	0.40		260
1:04	0.8	7.95	9.8	0.32		248

PROFILES AT STEVESTON BEND (* = Plotted Value)

20-MAY-1988 RIVER DISCHARGE AT HOPE = 6520 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
1:30		11.2	29.55	9.1	0.08	034	
1:30	*	11.2	29.55	9.1	0.05	043	
1:30		11.2	29.55	9.2	0.06	032	
1:30		11.2	29.54	9.2	0.07	036	
1:30		11.2	29.55	9.2	0.08	033	
1:30		11.2	29.55	9.2	0.08	034	
1:30		11.2	29.54	9.2	0.08	037	
1:30		11.2	29.54	9.2	0.10	023	
1:30		10.8	29.56	9.1	0.30		323
1:30		10.3	29.56	9.2	0.22	351	
1:30		9.8	29.56	9.2	0.13	028	
1:30		9.4	29.57	9.1	0.11	024	
1:30		8.9	29.56	9.1	0.09	022	
1:30		8.5	29.58	9.1	0.06	033	
1:30	*	8.0	29.56	9.2	0.06	031	
1:30		7.6	29.57	9.2	0.07	022	
1:30		7.1	29.57	9.2	0.09	036	
1:30		6.7	29.56	9.1	0.07	017	
1:31		6.2	29.57	9.2	0.07	007	
1:31		5.8	29.58	9.2	0.09	043	
1:31	*	5.3	29.45	9.2	0.07	046	
1:31		4.9	28.49	9.2	0.01	090	
1:31		4.5	27.06	9.2	0.07		287
1:31		4.0	26.34	9.3	0.15		276
1:31		3.6	24.75	9.3	0.17		291
1:31		3.1	24.07	9.3	0.21		285
1:31		2.7	22.26	9.4	0.29		291
1:31		2.3	18.59	9.5	0.34		277
1:31		1.8	16.71	9.6	0.41		280
1:31		1.4	13.62	9.6	0.40		282
1:31	*	1.0	11.22	9.6	0.28		246

PROFILES AT STEVESTON BEND (* = Plotted Value)

20-MAY-1988 RIVER DISCHARGE AT HOPE = 6520 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
2:00	11.0	29.54	9.2	0.05	052	
2:00	11.0	29.53	9.2	0.04	032	
2:00	11.0	29.54	9.2	0.05	043	
2:00	11.0	29.53	9.2	0.07	072	
2:00	11.0	29.54	9.2	0.04	044	
2:00	11.0	29.54	9.2	0.04	027	
2:00	11.0	29.55	9.2	0.05	045	
2:00	11.0	29.54	9.2	0.05	078	
2:00	11.0	29.55	9.2	0.06	359	
2:00	10.5	29.54	9.2	0.14	132	
2:00	9.9	29.56	9.2	0.10	094	
2:01	9.3	29.57	9.2	0.07	035	
2:01	8.7	29.56	9.2	0.06	055	
2:01	8.1	29.56	9.2	0.04	092	
2:01	7.5	29.55	9.2	0.05	029	
2:01	6.9	29.57	9.2	0.05	018	
2:01	6.4	29.57	9.2	0.07	067	
2:01	5.7	28.87	9.2	0.06		239
2:01	5.2	27.11	9.3	0.09		248
2:01	4.6	26.46	9.3	0.07		267
2:01	4.0	25.91	9.3	0.19		274
2:01	3.4	25.12	9.3	0.24		284
2:01	2.8	23.77	9.4	0.38		288
2:01	2.2	19.37	9.5	0.31		283
2:01	1.6	10.46	9.6	0.28		289
2:01	1.1	4.29	9.8	0.11		236

PROFILES AT STEVESTON BEND (* = Plotted Value)

20-MAY-1988 RIVER DISCHARGE AT HOPE = 6520 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
2:30	10.9	29.50	9.2	0.15	053	
2:30	10.9	29.51	9.2	0.15	064	
2:30	10.9	29.52	9.2	0.14	041	
2:30	10.9	29.52	9.2	0.15	059	
2:30	10.9	29.52	9.2	0.13	045	
2:30	10.9	29.50	9.2	0.14	057	
2:30	10.9	29.52	9.2	0.13	060	
2:30	9.9	29.54	9.2	0.26	033	
2:30	9.2	29.55	9.2	0.18	034	
2:30	8.6	29.55	9.2	0.19	046	
2:30	8.0	29.55	9.2	0.16	069	
2:30	7.4	29.54	9.2	0.16	071	
2:30	6.9	29.40	9.2	0.17	063	
2:30	6.4	28.94	9.2	0.06	352	
2:30	5.7	26.38	9.3	0.11		283
2:30	5.2	25.12	9.3	0.09		283
2:30	4.6	24.62	9.3	0.17		280
2:31	4.0	22.85	9.4	0.37		298
2:31	3.5	22.76	9.4	0.32		283
2:31	2.8	19.52	9.4	0.40		269
2:31	2.2	15.39	9.5	0.48		269
2:31	1.6	8.88	9.7	0.23		304
2:31	0.9	3.29	9.8	0.29		274

PROFILES AT STEVESTON BEND (* = Plotted Value)

20-MAY-1988 RIVER DISCHARGE AT HOPE = 6520 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
3:00	10.8	29.53	9.2	0.16	050	
3:00	10.8	29.54	9.2	0.13	054	
3:00	10.8	29.54	9.2	0.15	066	
3:00	10.8	29.55	9.2	0.16	051	
3:00	10.8	29.54	9.2	0.12	057	
3:00	10.8	29.54	9.2	0.15	054	
3:00	10.8	29.54	9.2	0.15	059	
3:00	10.8	29.55	9.2	0.15	054	
3:00	10.8	29.55	9.2	0.18	034	
3:00	10.1	29.55	9.2	0.23	066	
3:00	8.9	29.55	9.2	0.13	056	
3:00	8.4	29.55	9.2	0.12	077	
3:00	7.8	29.55	9.2	0.11	056	
3:00	7.2	29.55	9.2	0.23	072	
3:00	6.6	28.21	9.3	0.15	073	
3:00	6.0	26.18	9.3	0.05		268
3:01	5.5	24.98	9.3	0.13		261
3:01	4.9	24.48	9.3	0.14		230
3:01	4.3	22.59	9.4	0.28		266
3:01	3.7	21.64	9.4	0.40		283
3:01	3.2	20.91	9.4	0.40		273
3:01	2.6	16.27	9.5	0.30		260
3:01	2.0	6.66	9.7	0.28		288
3:01	1.3	3.10	9.7	0.07		298

PROFILES AT STEVESTON BEND (* = Plotted Value)

20-MAY-1988 RIVER DISCHARGE AT HOPE = 6520 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
3:30	11.0	29.53	9.2	0.22	050	
3:30	11.0	29.54	9.2	0.20	050	
3:30	11.0	29.54	9.2	0.20	049	
3:30	11.0	29.54	9.2	0.23	063	
3:30	11.0	29.54	9.2	0.23	046	
3:30	11.0	29.54	9.2	0.22	046	
3:30	11.0	29.54	9.2	0.22	059	
3:30	10.9	29.55	9.2	0.23	038	
3:30	9.9	29.56	9.2	0.34	042	
3:30	9.4	29.54	9.2	0.27	056	
3:30	8.8	29.54	9.2	0.26	049	
3:30	8.2	29.56	9.2	0.22	054	
3:30	7.7	29.54	9.2	0.28	055	
3:31	7.0	29.07	9.2	0.27	059	
3:31	6.5	27.97	9.2	0.16	050	
3:31	5.9	27.35	9.3	0.05	131	
3:31	5.2	25.72	9.3	0.04		299
3:31	4.7	24.17	9.3	0.20		286
3:31	4.1	22.78	9.3	0.35		295
3:31	3.4	20.34	9.4	0.40		288
3:31	2.9	19.71	9.4	0.40		283
3:31	2.2	12.98	9.5	0.30		291
3:31	1.4	7.37	9.7	0.20		321
3:31	0.9	3.11	9.8	0.14		293

PROFILES AT STEVESTON BEND (* = Plotted Value)

20-MAY-1988 RIVER DISCHARGE AT HOPE = 6520 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
3:59	10.9	29.52	9.2	0.19	057	
3:59	10.9	29.52	9.2	0.19	062	
3:59	10.9	29.54	9.2	0.20	057	
3:59	10.9	29.53	9.2	0.18	055	
3:59	10.9	29.52	9.2	0.19	056	
3:59	10.9	29.53	9.2	0.17	053	
3:59	10.9	29.53	9.2	0.22	086	
3:59	10.1	29.54	9.2	0.36	054	
3:59	9.6	29.54	9.2	0.34	051	
3:59	8.8	29.53	9.2	0.24	059	
4:00	8.3	29.53	9.2	0.26	072	
4:00	7.8	29.53	9.2	0.23	074	
4:00	7.2	29.38	9.2	0.24	071	
4:00	6.7	28.40	9.2	0.16	094	
4:00	6.2	25.82	9.3	0.13	062	
4:00	5.5	24.19	9.3	0.16		323
4:00	5.0	23.61	9.3	0.28		283
4:00	4.5	23.14	9.4	0.07		280
4:00	3.8	21.17	9.4	0.35		275
4:00	3.3	18.24	9.4	0.51		270
4:00	2.6	15.71	9.5	0.52		268
4:00	2.0	9.23	9.6	0.34		284
4:00	1.3	4.24	9.7	0.22		288

PROFILES AT STEVESTON BEND (* = Plotted Value)

20-MAY-1988 RIVER DISCHARGE AT HOPE = 6520 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
4:30	11.0	29.48	9.2	0.21	047	
4:30	10.9	29.49	9.2	0.20	059	
4:30	11.0	29.49	9.2	0.25	039	
4:30	10.9	29.49	9.2	0.22	050	
4:30	11.0	29.50	9.2	0.26	093	
4:30	11.0	29.49	9.2	0.30	027	
4:30	11.0	29.48	9.2	0.22	049	
4:30	10.9	29.48	9.2	0.27	079	
4:30	10.3	29.49	9.2	0.15	065	
4:30	9.8	29.48	9.2	0.26	061	
4:30	9.2	29.48	9.2	0.24	051	
4:30	8.7	29.49	9.2	0.31	052	
4:30	8.1	29.46	9.2	0.34	060	
4:30	7.6	28.13	9.3	0.38	071	
4:30	7.0	26.13	9.3	0.17	024	
4:30	6.6	24.37	9.3	0.15		322
4:30	5.9	23.58	9.3	0.07		173
4:30	5.5	23.14	9.4	0.18		288
4:30	4.9	22.12	9.4	0.25		292
4:30	4.4	21.03	9.4	0.27		284
4:30	3.8	19.77	9.4	0.37		277
4:31	3.2	18.15	9.5	0.50		276
4:31	2.6	14.42	9.5	0.62		280
4:31	2.1	8.82	9.6	0.39		276
4:31	1.3	4.44	9.7	0.30		273

PROFILES AT STEVESTON BEND (* = Plotted Value)

20-MAY-1988 RIVER DISCHARGE AT HOPE = 6520 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
5:00	10.9	29.42	9.2	0.21	076	
5:00	10.9	29.44	9.2	0.22	064	
5:00	10.9	29.43	9.2	0.21	065	
5:00	10.9	29.42	9.2	0.20	054	
5:00	10.9	29.45	9.2	0.24	049	
5:00	10.9	29.43	9.2	0.23	053	
5:00	10.9	29.43	9.2	0.23	059	
5:00	10.9	29.42	9.2	0.26	055	
5:00	10.9	29.44	9.2	0.27	034	
5:00	10.9	29.44	9.2	0.23	050	
5:00	10.4	29.42	9.2	0.31	054	
5:00	9.8	29.44	9.2	0.28	063	
5:00	9.3	29.43	9.2	0.34	046	
5:00	8.7	29.34	9.2	0.32	058	
5:00	8.2	28.83	9.2	0.38	063	
5:01	7.7	26.05	9.3	0.35	055	
5:01	7.1	25.38	9.3	0.14	114	
5:01	6.5	24.85	9.3	0.04		314
5:01	6.0	24.54	9.3	0.09		197
5:01	5.4	23.41	9.4	0.16		288
5:01	4.8	22.24	9.4	0.22		285
5:01	4.3	20.48	9.4	0.28		291
5:01	3.7	20.20	9.4	0.37		290
5:01	3.2	17.46	9.4	0.40		289
5:01	2.6	12.58	9.5	0.37		288
5:01	1.9	5.22	9.7	0.24		292
5:01	1.2	1.00	9.7	0.14		241
5:01	0.8	1.00	9.7	0.30		249

PROFILES AT STEVESTON BEND (* = Plotted Value)

20-MAY-1988 RIVER DISCHARGE AT HOPE = 6520 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
5:31	11.0	29.42	9.2	0.21	070	
5:31	11.0	29.41	9.2	0.27	052	
5:31	10.9	29.43	9.2	0.25	053	
5:31	10.9	29.42	9.2	0.24	059	
5:31	10.9	29.41	9.2	0.22	049	
5:31	10.9	29.44	9.2	0.18	053	
5:31	10.9	29.44	9.2	0.21	041	
5:31	11.0	29.44	9.2	0.20	046	
5:31	11.0	29.43	9.2	0.19	045	
5:31	10.9	29.44	9.2	0.17	044	
5:31	10.9	29.45	9.2	0.19	048	
5:31	11.0	29.45	9.2	0.27	048	
5:31	10.6	29.45	9.2	0.28	028	
5:31	9.8	29.46	9.2	0.16	035	
5:31	9.1	29.44	9.2	0.25	046	
5:32	8.4	29.40	9.2	0.33	049	
5:32	7.8	29.13	9.2	0.33	053	
5:32	7.4	28.78	9.2	0.37	057	
5:32	7.0	26.61	9.3	0.38	071	
5:32	6.6	25.13	9.3	0.17	063	
5:32	6.2	24.20	9.3	0.14	111	
5:32	5.7	23.13	9.3	0.10		241
5:32	5.4	22.51	9.4	0.12		240
5:32	5.0	22.10	9.4	0.11	333	
5:32	4.5	21.42	9.4	0.23		312
5:32	4.2	20.51	9.4	0.31		286
5:32	3.7	18.47	9.4	0.31		292
5:32	3.3	17.31	9.4	0.29		294
5:32	2.9	14.38	9.5	0.38		280
5:32	2.5	13.04	9.5	0.45		272
5:32	2.0	6.43	9.6	0.30		295
5:32	1.4	2.58	9.6	0.10		252
5:32	1.1	3.64	9.7	0.10		327

PROFILES AT STEVESTON BEND (* = Plotted Value)

20-MAY-1988 RIVER DISCHARGE AT HOPE = 6520 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
5:59	11.0	29.49	9.2	0.30	059	
5:59	11.0	29.46	9.2	0.27	064	
5:59	11.0	29.48	9.2	0.26	046	
5:59	11.0	29.48	9.2	0.22	061	
6:00	11.0	29.43	9.2	0.22	057	
6:00	11.0	29.49	9.2	0.26	049	
6:00	11.0	29.47	9.2	0.24	052	
6:00	11.0	29.43	9.2	0.21	045	
6:00	10.9	29.49	9.2	0.26	054	
6:00	10.0	29.47	9.2	0.27	045	
6:00	9.1	29.45	9.2	0.23	064	
6:00	8.2	29.45	9.2	0.24	065	
6:00	7.3	29.15	9.2	0.34	061	
6:00	6.5	26.50	9.3	0.36	080	
6:00	5.7	24.46	9.3	0.06	014	
6:00	4.8	20.77	9.4	0.19		324
6:00	4.0	19.74	9.4	0.19		285
6:00	3.2	17.46	9.4	0.31		315
6:00	2.4	13.66	9.5	0.28		274
6:00	1.5	2.89	9.7	0.16	357	
6:00	0.8	1.00	9.8	0.10		279

PROFILES AT STEVESTON BEND (* = Plotted Value)

20-MAY-1988 RIVER DISCHARGE AT HOPE = 6520 CU.M/SEC

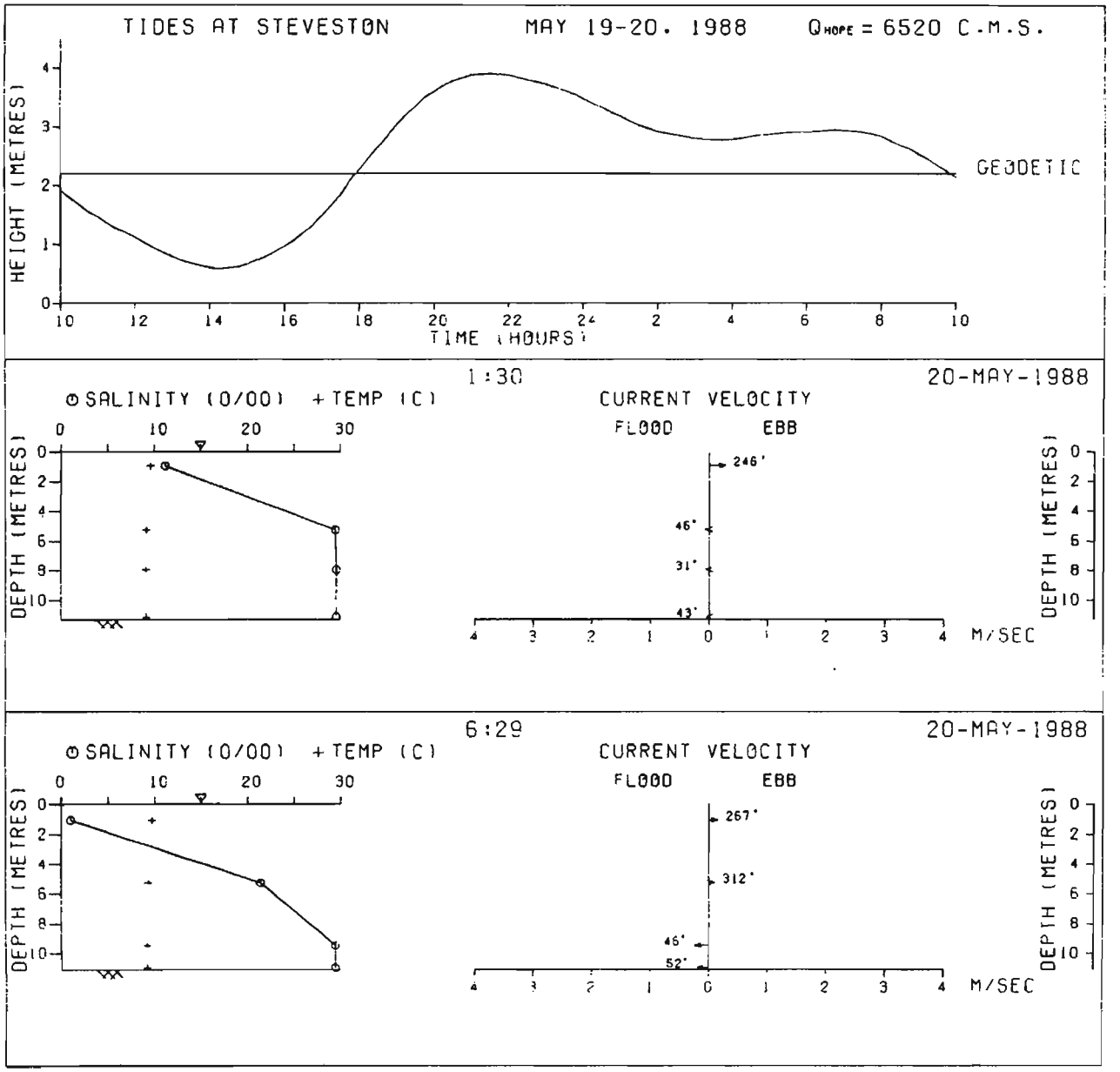
TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
6:29		11.0	29.45	9.2	0.21	062	
6:29		11.0	29.44	9.2	0.21	067	
6:29		11.0	29.45	9.2	0.25	052	
6:29		11.0	29.46	9.2	0.22	039	
6:29		11.0	29.44	9.2	0.21	058	
6:29		11.0	29.47	9.2	0.24	050	
6:29	*	11.0	29.45	9.2	0.21	052	
6:29		11.0	29.46	9.2	0.19	074	
6:29		11.0	29.47	9.2	0.26	048	
6:29		10.4	29.46	9.2	0.31	053	
6:29	*	9.5	29.46	9.2	0.25	046	
6:29		8.7	29.45	9.2	0.26	051	
6:29		7.8	29.42	9.2	0.27	067	
6:29		7.0	29.22	9.2	0.26	059	
6:29		6.1	27.30	9.3	0.32	089	
6:29	*	5.3	21.39	9.4	0.10		312
6:29		4.5	20.30	9.4	0.10		266
6:29		3.6	18.80	9.4	0.20		313
6:29		2.9	12.48	9.5	0.14		308
6:29		2.0	7.34	9.6	0.29		311
6:30	*	1.1	1.00	9.7	0.16		267

PROFILES AT STEVESTON BEND (* = Plotted Value)

20-MAY-1988 RIVER DISCHARGE AT HOPE = 6520 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
7:00	11.2	29.50	9.2	0.17	050	
7:00	11.2	29.49	9.2	0.20	048	
7:00	11.0	29.39	9.2	0.20	048	
7:00	11.0	29.35	9.2	0.18	047	
7:00	11.0	29.43	9.2	0.22	041	
7:00	11.0	29.41	9.2	0.22	050	
7:01	11.0	29.40	9.2	0.22	055	
7:01	11.0	29.52	9.2	0.25	060	
7:01	11.0	29.42	9.2	0.23	062	
7:01	11.0	29.52	9.2	0.23	066	
7:01	11.0	29.41	9.2	0.23	060	
7:01	11.0	29.40	9.2	0.21	050	
7:01	11.0	29.43	9.2	0.19	051	
7:01	11.0	29.50	9.2	0.21	047	
7:01	11.0	29.39	9.2	0.22	047	
7:01	10.8	29.42	9.2	0.21	063	
7:01	10.5	29.44	9.2	0.21	065	
7:01	10.1	29.42	9.2	0.23	060	
7:01	9.8	29.39	9.2	0.22	061	
7:01	9.5	29.40	9.2	0.25	062	
7:01	9.1	29.47	9.2	0.25	066	
7:01	8.8	29.42	9.2	0.28	067	
7:01	8.4	29.47	9.2	0.27	066	
7:01	8.1	29.54	9.2	0.30	061	
7:01	7.7	29.49	9.2	0.29	069	
7:01	7.4	29.31	9.2	0.29	065	
7:02	7.0	28.77	9.3	0.28	073	
7:02	6.7	27.53	9.3	0.29	079	
7:02	6.3	26.90	9.3	0.22	088	
7:02	6.0	26.43	9.3	0.09	119	
7:02	5.6	25.60	9.3	0.04	049	
7:02	5.3	23.74	9.3	0.09	347	
7:02	4.9	22.49	9.4	0.02		206
7:02	4.5	22.19	9.4	0.07		273
7:02	4.2	21.06	9.4	0.22		264
7:02	3.8	20.14	9.4	0.23		274
7:02	3.4	19.59	9.4	0.46		257
7:02	3.1	17.39	9.4	0.20		263
7:02	2.7	16.83	9.4	0.28		291
7:02	2.4	15.09	9.5	0.36		291
7:02	2.0	11.77	9.5	0.40		294
7:02	1.6	6.99	9.6	0.10		318
7:02	1.2	4.85	9.6	0.06		295
7:02	0.9	2.54	9.6	0.15		261

PROFILES AT STEVESTON BEND



PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
13:26		0.7	6.37	6.0	1.18		301
13:26		0.7	4.29	6.0	1.16		303
13:26	*	0.8	6.34	6.0	1.16		297
13:26		0.8	4.94	6.0	1.10		297
13:26		0.7	6.35	6.0	1.13		302
13:26		0.7	6.35	6.0	1.25		307
13:26		0.7	6.36	6.0	1.15		304
13:26		0.7	6.37	6.0	1.16		302
13:26		0.7	6.36	6.0	1.20		310
13:26		0.7	6.35	6.0	1.26		302
13:26		0.7	6.34	6.0	1.24		303
13:27		0.8	6.35	6.0	1.02		303
13:27		0.9	6.37	6.0	1.11		304
13:27		1.0	6.36	6.0	1.19		301
13:27		1.3	6.38	6.0	1.18		303
13:27		1.5	6.38	5.9	1.18		308
13:27		1.6	6.45	5.9	1.17		310
13:27		1.7	6.48	5.9	1.19		302
13:27		1.9	6.51	5.9	1.08		305
13:27		2.1	6.56	5.9	1.13		324
13:27		2.2	6.74	5.9	1.04		327
13:27		2.4	7.17	5.9	1.14		331
13:27		2.6	7.34	5.9	1.15		327
13:27		2.9	7.66	5.9	1.11		329
13:27		3.0	8.05	5.9	1.04		334
13:27		3.2	8.49	5.9	1.02		328
13:27		3.4	8.79	5.9	0.92		327
13:27		3.6	9.35	6.0	0.85		313
13:27	*	3.9	9.62	6.0	0.83		293
13:27		4.1	10.25	6.0	0.82		300
13:27		4.3	11.00	6.1	0.78		323
13:27		4.6	12.05	6.2	0.77		300
13:28		4.8	12.98	6.2	0.70		316
13:28		5.0	13.50	6.3	0.64		317
13:28		5.3	14.56	6.4	0.54		315
13:28		5.6	16.14	6.5	0.34		317
13:28		5.8	16.60	6.6	0.27		318
13:28		6.0	17.21	6.6	0.22		325
13:28		6.2	17.59	6.6	0.18		336
13:28		6.4	18.01	6.7	0.09		353
13:28		6.7	18.51	6.7	0.02	064	
13:28		6.9	18.65	6.7	0.03	012	
13:28		7.1	18.60	6.7	0.05	032	
13:28	*	7.3	18.58	6.7	0.06	039	
13:28		7.5	18.64	6.7	0.08	023	
13:28		7.7	18.65	6.7	0.08	031	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
13:28		8.0	18.62	6.7	0.09	037	
13:28		8.2	18.63	6.7	0.09	019	
13:28		8.4	18.63	6.7	0.11	014	
13:28		8.6	18.67	6.7	0.11	016	
13:28		8.8	18.73	6.7	0.11	035	
13:28		9.0	18.76	6.7	0.12	039	
13:29		9.2	18.78	6.7	0.12	054	
13:29		9.5	18.79	6.7	0.12	040	
13:29		9.6	18.79	6.7	0.12	069	
13:29		9.5	18.82	6.7	0.08	086	
13:29		9.3	18.80	6.7	0.07	075	
13:29		9.3	18.78	6.7	0.13	043	
13:29		9.3	18.77	6.7	0.09	052	
13:29		9.3	18.76	6.7	0.10	090	
13:29		9.3	18.72	6.7	0.09	070	
13:29	*	9.3	18.67	6.7	0.11	069	
13:29		9.3	18.61	6.7	0.10	064	
13:29		9.3	18.61	6.7	0.11	061	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
14:02	1.0	5.98	5.9	0.87		307
14:02	1.0	5.99	5.9	0.85		307
14:02	1.0	6.01	5.9	0.81		313
14:02	1.0	5.95	5.9	0.79		315
14:02	1.0	6.07	5.9	0.83		310
14:02	1.1	6.10	5.9	0.67		311
14:02	1.3	6.82	5.9	0.59		312
14:02	1.5	7.03	5.9	0.73		316
14:02	1.8	7.27	5.9	0.81		309
14:02	2.0	7.48	5.9	0.77		318
14:02	2.2	7.64	5.9	0.72		316
14:02	2.5	7.97	5.9	0.72		320
14:02	2.6	8.58	5.9	0.66		327
14:02	3.0	8.72	5.9	0.62		331
14:02	3.2	9.23	6.0	0.63		336
14:02	3.4	9.63	6.0	0.57		337
14:02	3.7	9.97	6.0	0.49		332
14:03	3.9	9.97	6.0	0.46		330
14:03	4.1	10.12	6.1	0.46		333
14:03	4.4	11.02	6.1	0.44		345
14:03	4.7	11.83	6.2	0.38		359
14:03	4.9	12.71	6.3	0.34		352
14:03	5.1	13.14	6.3	0.25	017	
14:03	5.3	13.55	6.3	0.24	013	
14:03	5.5	13.29	6.3	0.19	030	
14:03	5.8	13.20	6.3	0.18	049	
14:03	6.0	13.79	6.3	0.17	050	
14:03	6.3	13.93	6.3	0.15	047	
14:03	6.5	13.90	6.3	0.13	033	
14:03	6.8	14.08	6.3	0.12	039	
14:03	7.0	14.10	6.3	0.12	060	
14:03	7.2	14.35	6.3	0.15	065	
14:03	7.5	14.90	6.4	0.19	065	
14:03	7.7	15.40	6.5	0.18	072	
14:03	7.9	15.84	6.5	0.16	072	
14:03	8.2	16.30	6.5	0.11	071	
14:03	8.4	17.05	6.6	0.10	098	
14:04	8.7	17.21	6.6	0.11	114	
14:04	8.9	17.34	6.6	0.10	125	
14:04	9.2	17.39	6.6	0.10	134	
14:04	9.4	17.77	6.6	0.10	139	
14:04	9.6	17.77	6.6	0.14	129	
14:04	9.6	17.82	6.6	0.17	120	
14:04	9.2	17.52	6.6	0.17	139	
14:04	9.1	17.43	6.6	0.14	155	
14:04	9.1	17.45	6.6	0.14	167	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
14:30	0.8	5.98	6.0	0.43		314
14:30	0.7	6.23	6.0	0.39		308
14:30	0.7	6.08	6.0	0.37		298
14:30	0.6	6.00	6.0	0.38		312
14:30	0.7	6.22	6.0	0.28		301
14:30	0.7	6.32	6.0	0.37		301
14:30	0.7	6.04	6.0	0.41		302
14:30	0.7	6.56	6.0	0.36		305
14:30	0.8	6.02	6.0	0.46		311
14:30	0.8	6.01	6.0	0.41		299
14:30	0.7	6.04	6.0	0.56		307
14:30	0.7	5.98	6.0	0.53		306
14:30	0.7	6.01	6.0	0.56		306
14:30	0.6	6.13	6.0	0.54		304
14:30	0.7	5.97	6.0	0.57		306
14:30	0.8	6.02	6.0	0.57		304
14:30	0.9	6.23	5.9	0.49		303
14:31	1.2	7.08	6.0	0.39		312
14:31	1.3	7.10	6.0	0.38		311
14:31	1.6	7.85	6.0	0.31		307
14:31	1.7	7.95	6.0	0.23		304
14:31	2.0	8.58	6.0	0.17		302
14:31	2.2	8.44	6.0	0.16		300
14:31	2.4	8.55	6.0	0.16		311
14:31	2.7	8.66	6.0	0.16		302
14:31	2.9	8.85	6.0	0.11		325
14:31	3.2	9.22	6.0	0.09		325
14:31	3.5	9.32	6.0	0.04		307
14:31	3.6	9.48	6.0	0.07		325
14:31	3.9	9.62	6.0	0.11		331
14:31	4.2	9.99	6.0	0.11		335
14:31	4.4	10.09	6.0	0.08		003
14:31	4.7	10.04	6.0	0.05		328
14:31	5.0	10.12	6.0	0.02		195
14:31	5.2	10.11	6.0	0.02	130	
14:31	5.4	10.45	6.1	0.01		350
14:31	5.7	10.58	6.1	0.04		345
14:31	5.9	10.80	6.1	0.07	027	
14:32	6.2	11.13	6.1	0.09	036	
14:32	6.5	11.80	6.2	0.11	046	
14:32	6.7	12.22	6.2	0.12	077	
14:32	7.0	13.33	6.3	0.12	099	
14:32	7.2	13.92	6.4	0.14	108	
14:32	7.5	14.43	6.4	0.18	131	
14:32	7.8	14.79	6.4	0.20	139	
14:32	8.0	14.96	6.4	0.22	139	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
14:32	8.2	15.07	6.4	0.24	147
14:32	8.5	15.62	6.5	0.25	152
14:32	8.8	15.96	6.5	0.24	146
14:32	9.0	16.20	6.5	0.23	143
14:32	9.3	16.35	6.5	0.22	140
14:32	9.5	16.59	6.5	0.22	131
14:32	9.8	16.65	6.5	0.22	127
14:32	10.0	16.80	6.5	0.22	118
14:32	10.3	16.90	6.5	0.17	116
14:32	10.3	16.87	6.5	0.13	083
14:32	9.7	16.81	6.5	0.19	140
14:32	9.8	16.85	6.5	0.25	131
14:33	9.8	16.79	6.5	0.24	129
14:33	9.8	16.77	6.5	0.23	132
14:33	9.8	16.84	6.5	0.23	130
14:33	9.8	16.80	6.5	0.23	129
14:33	9.8	16.80	6.5	0.24	130
14:33	9.8	16.80	6.5	0.23	129
14:33	9.8	16.88	6.5	0.23	128
14:33	9.8	16.88	6.5	0.24	130

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
15:00	0.8	6.23	6.0	0.41		319
15:00	0.8	6.01	6.0	0.36		322
15:00	0.8	6.32	6.0	0.38		310
15:00	0.8	6.25	6.0	0.36		315
15:00	0.8	6.14	6.0	0.40		311
15:00	0.8	6.75	6.0	0.37		310
15:00	0.8	5.99	6.0	0.23		294
15:00	0.7	5.99	6.0	0.38		308
15:00	0.8	6.03	6.0	0.37		309
15:00	0.8	6.03	6.0	0.35		309
15:00	1.0	6.79	6.0	0.27		300
15:00	1.2	6.90	6.0	0.21		307
15:00	1.4	6.42	6.0	0.25		305
15:00	1.6	6.42	5.9	0.29		301
15:00	1.8	6.82	6.0	0.31		301
15:00	2.0	6.93	5.9	0.30		307
15:00	2.2	6.92	5.9	0.16		312
15:00	2.4	7.17	5.9	0.15		338
15:00	2.7	7.12	5.9	0.13		318
15:01	2.9	7.34	5.9	0.08		280
15:01	3.1	7.51	6.0	0.04		234
15:01	3.3	7.67	6.0	0.07		197
15:01	3.5	7.94	6.0	0.05	173	
15:01	3.7	8.04	6.0	0.07	187	
15:01	4.0	8.23	6.0	0.09	188	
15:01	4.2	8.54	6.0	0.08	180	
15:01	4.4	8.74	6.0	0.07	180	
15:01	4.6	8.86	6.0	0.08	164	
15:01	4.9	9.04	6.0	0.09	132	
15:01	5.1	9.20	6.0	0.09	126	
15:01	5.3	9.75	6.0	0.09	125	
15:01	5.5	10.60	6.1	0.12	127	
15:01	5.7	11.13	6.1	0.15	135	
15:01	5.9	11.89	6.2	0.17	152	
15:01	6.2	12.66	6.3	0.22	156	
15:01	6.4	13.29	6.3	0.25	159	
15:01	6.6	13.89	6.3	0.30	160	
15:01	6.8	14.54	6.4	0.32	163	
15:01	7.1	14.79	6.4	0.34	162	
15:01	7.3	15.32	6.5	0.34	159	
15:02	7.5	15.69	6.5	0.34	154	
15:02	7.7	15.91	6.5	0.36	144	
15:02	7.9	16.66	6.6	0.41	137	
15:02	8.2	18.82	6.7	0.42	135	
15:02	8.4	20.08	6.8	0.43	130	
15:02	8.6	20.88	6.9	0.44	132	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
15:02	8.8	21.62	6.9	0.40	127	
15:02	9.0	21.90	6.9	0.38	125	
15:02	9.3	22.07	7.0	0.37	124	
15:02	9.5	22.21	7.0	0.37	130	
15:02	9.7	22.26	7.0	0.35	128	
15:02	9.9	22.33	7.0	0.36	123	
15:02	10.1	22.35	7.0	0.34	122	
15:02	10.3	22.36	7.0	0.33	115	
15:02	10.4	22.43	7.0	0.35	119	
15:02	10.3	22.43	7.0	0.30	122	
15:02	10.0	22.42	7.0	0.33	116	
15:02	10.0	22.38	7.0	0.37	113	
15:02	10.0	22.35	7.0	0.38	116	
15:02	10.1	22.37	7.0	0.38	114	
15:03	10.0	22.39	7.0	0.34	113	
15:03	10.0	22.44	7.0	0.35	120	
15:03	10.0	22.43	7.0	0.33	117	
15:03	10.0	22.40	7.0	0.35	116	
15:03	10.0	22.40	7.0	0.37	121	
15:03	10.1	22.46	7.0	0.35	118	
15:03	10.0	22.45	7.0	0.36	125	
15:03	10.1	22.45	7.0	0.36	128	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
15:30	0.8	6.32	6.0	0.22		319
15:30	0.7	6.46	6.0	0.21		334
15:30	0.7	6.53	6.0	0.19		317
15:30	0.8	6.60	6.0	0.14		314
15:30	0.8	6.70	6.0	0.13		308
15:30	0.7	6.74	6.0	0.14		306
15:30	0.7	6.76	6.0	0.15		308
15:30	0.7	6.64	6.0	0.17		302
15:30	0.7	6.51	6.0	0.15		307
15:30	0.7	6.63	6.0	0.15		290
15:30	0.7	6.74	6.0	0.12		316
15:30	0.8	6.77	6.0	0.09		282
15:30	0.8	6.80	6.0	0.09		320
15:30	0.8	6.79	6.0	0.08		299
15:30	0.9	6.70	6.0	0.08		305
15:30	1.0	6.78	6.0	0.10		279
15:30	1.1	6.78	6.0	0.08		273
15:31	1.2	6.86	6.0	0.04		315
15:31	1.3	6.86	6.0	0.04		231
15:31	1.4	7.11	6.0	0.03	179	
15:31	1.6	7.15	6.0	0.06	167	
15:31	1.7	7.26	6.0	0.09	179	
15:31	1.8	7.27	6.0	0.08	183	
15:31	1.9	7.27	6.0	0.08	169	
15:31	2.0	7.24	6.0	0.09	176	
15:31	2.1	7.30	6.0	0.07	172	
15:31	2.3	7.35	6.0	0.06		192
15:31	2.4	7.48	6.0	0.06		191
15:31	2.5	7.61	6.0	0.08		204
15:31	2.7	7.76	6.0	0.09		197
15:31	2.8	7.87	6.0	0.08		194
15:31	2.9	7.92	6.0	0.09		198
15:31	3.0	7.98	6.0	0.09		191
15:31	3.1	8.01	6.0	0.09	185	
15:31	3.2	8.03	6.0	0.09	182	
15:31	3.3	8.08	6.0	0.09	185	
15:31	3.5	8.07	6.0	0.09	182	
15:31	3.6	8.10	6.0	0.10	179	
15:32	3.7	8.13	6.0	0.10	163	
15:32	3.9	8.17	6.0	0.10	154	
15:32	4.0	8.38	6.0	0.10	151	
15:32	4.1	8.50	6.0	0.11	154	
15:32	4.2	8.63	6.0	0.11	154	
15:32	4.4	8.80	6.0	0.13	152	
15:32	4.5	8.94	6.0	0.14	149	
15:32	4.6	9.33	6.0	0.18	142	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
15:32	4.8	9.76	6.1	0.20	144	
15:32	4.9	9.98	6.1	0.22	147	
15:32	5.0	10.27	6.1	0.23	141	
15:32	5.1	10.80	6.1	0.23	137	
15:32	5.2	11.27	6.1	0.23	142	
15:32	5.4	11.55	6.2	0.28	148	
15:32	5.5	12.11	6.2	0.32	147	
15:32	5.6	12.63	6.3	0.34	155	
15:32	5.7	13.07	6.3	0.34	164	
15:32	5.9	13.35	6.3	0.40	165	
15:32	6.0	13.77	6.3	0.42	161	
15:32	6.1	14.40	6.4	0.44	151	
15:32	6.2	14.64	6.4	0.45	149	
15:33	6.4	14.71	6.4	0.44	154	
15:33	6.5	14.65	6.4	0.49	148	
15:33	6.6	14.75	6.4	0.53	143	
15:33	6.7	14.65	6.4	0.52	142	
15:33	6.7	14.55	6.4	0.49	140	
15:33	6.7	14.55	6.4	0.45	142	
15:33	6.7	14.13	6.3	0.41	146	
15:33	6.7	13.99	6.3	0.40	151	
15:33	6.7	13.99	6.3	0.41	147	
15:33	6.7	13.96	6.3	0.41	144	
15:33	6.7	13.95	6.3	0.41	145	
15:33	6.7	14.05	6.3	0.42	142	
15:33	6.7	14.58	6.4	0.47	136	
15:33	6.7	17.08	6.7	0.56	135	
15:33	6.8	18.86	6.7	0.62	139	
15:33	6.9	19.15	6.7	0.64	140	
15:33	7.0	19.58	6.7	0.65	140	
15:33	7.1	19.80	6.8	0.65	142	
15:33	7.2	19.88	6.8	0.66	146	
15:33	7.3	19.91	6.8	0.66	144	
15:33	7.4	19.91	6.8	0.66	141	
15:34	7.6	19.92	6.8	0.67	138	
15:34	7.7	19.94	6.8	0.68	140	
15:34	7.8	19.94	6.8	0.68	136	
15:34	8.0	20.16	6.8	0.65	132	
15:34	8.1	21.23	6.9	0.60	132	
15:34	8.3	21.53	6.9	0.56	137	
15:34	8.4	21.60	6.9	0.57	134	
15:34	8.6	21.75	6.9	0.53	126	
15:34	8.7	21.90	6.9	0.56	129	
15:34	8.8	21.85	6.9	0.54	127	
15:34	9.0	21.98	6.9	0.54	127	
15:34	9.1	21.98	6.9	0.52	127	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR 1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
15:34	9.3	22.11	6.9	0.48	131	
15:34	9.5	22.20	6.9	0.47	132	
15:34	9.6	22.32	7.0	0.46	122	
15:34	9.8	22.34	7.0	0.44	120	
15:34	9.9	22.29	7.0	0.38	119	
15:34	10.1	22.35	7.0	0.38	112	
15:34	10.2	22.35	7.0	0.41	111	
15:34	10.4	22.40	7.0	0.37	114	
15:35	10.6	22.42	7.0	0.34	121	
15:35	10.7	22.54	7.0	0.29	126	
15:35	10.9	22.55	7.0	0.27	123	
15:35	11.1	22.55	7.0	0.26	131	
15:35	11.2	22.55	7.0	0.16	112	
15:35	11.2	22.61	7.0	0.21	129	
15:35	11.2	22.56	7.0	0.23	135	
15:35	11.2	22.50	7.0	0.24	123	
15:35	11.2	22.56	7.0	0.25	131	
15:35	11.2	22.53	7.0	0.25	123	
15:35	11.2	22.48	7.0	0.27	128	
15:35	11.2	22.52	7.0	0.28	121	
15:35	11.2	22.57	7.0	0.26	127	
15:35	11.2	22.50	7.0	0.28	132	
15:35	11.2	22.56	7.0	0.26	128	
15:35	11.2	22.53	7.0	0.24	129	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
16:00	0.9	7.02	6.1	0.06	085	
16:00	0.8	7.03	6.1	0.04		249
16:00	0.9	7.09	6.0	0.05	045	
16:00	0.8	7.07	6.1	0.03	067	
16:00	0.9	7.07	6.0	0.05	075	
16:00	0.9	7.06	6.1	0.04	034	
16:00	0.9	7.06	6.1	0.06		358
16:00	0.9	7.07	6.0	0.02	115	
16:00	0.9	7.09	6.0	0.03		307
16:00	0.9	7.09	6.0	0.03	034	
16:00	0.9	7.09	6.0	0.03		297
16:00	0.9	7.06	6.0	0.02		338
16:00	0.9	7.04	6.0	0.03		285
16:00	0.9	7.07	6.0	0.02		338
16:00	1.1	7.07	6.0	0.07		285
16:01	1.3	7.10	6.0	0.02	162	
16:01	1.4	7.13	6.0	0.03		201
16:01	1.6	7.13	6.0	0.01		194
16:01	1.7	7.15	6.0	0.03		193
16:01	1.9	7.24	6.0	0.04		211
16:01	2.0	7.32	6.0	0.05		215
16:01	2.2	7.61	6.0	0.04		200
16:01	2.4	7.97	6.0	0.04		191
16:01	2.5	8.09	6.0	0.06		219
16:01	2.7	8.07	6.0	0.04		206
16:01	2.9	8.14	6.0	0.05		203
16:01	3.0	8.18	6.0	0.07		200
16:01	3.2	8.32	6.0	0.09	183	
16:01	3.4	8.38	6.0	0.09	171	
16:01	3.5	8.42	6.0	0.13	166	
16:01	3.7	8.47	6.0	0.13	155	
16:01	3.9	8.76	6.1	0.16	153	
16:01	4.0	8.95	6.1	0.17	161	
16:01	4.2	9.08	6.1	0.16	155	
16:01	4.4	9.27	6.1	0.20	160	
16:01	4.5	9.57	6.1	0.23	155	
16:02	4.7	10.04	6.1	0.27	157	
16:02	4.9	10.29	6.1	0.31	158	
16:02	5.0	10.59	6.2	0.38	162	
16:02	5.2	13.22	6.3	0.48	166	
16:02	5.3	13.81	6.3	0.52	166	
16:02	5.5	15.88	6.5	0.55	163	
16:02	5.6	16.21	6.5	0.57	161	
16:02	5.8	16.32	6.5	0.59	159	
16:02	6.0	17.88	6.6	0.64	155	
16:02	6.1	18.65	6.6	0.69	156	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
16:02	6.3	19.01	6.7	0.71	156	
16:02	6.5	19.11	6.7	0.74	155	
16:02	6.6	19.23	6.7	0.75	150	
16:02	6.8	19.29	6.7	0.75	153	
16:02	6.9	19.35	6.7	0.75	156	
16:02	7.1	19.43	6.7	0.75	152	
16:02	7.2	19.41	6.7	0.72	152	
16:02	7.4	19.88	6.8	0.68	151	
16:02	7.6	20.50	6.8	0.62	145	
16:02	7.8	20.84	6.8	0.59	143	
16:02	7.9	21.20	6.9	0.55	136	
16:03	8.1	21.54	6.9	0.53	134	
16:03	8.3	21.92	6.9	0.52	134	
16:03	8.4	22.44	7.0	0.54	133	
16:03	8.6	22.78	7.0	0.57	132	
16:03	8.8	23.16	7.0	0.56	133	
16:03	9.0	23.23	7.0	0.54	135	
16:03	9.1	23.43	7.0	0.54	135	
16:03	9.3	23.44	7.0	0.50	138	
16:03	9.5	23.52	7.0	0.49	145	
16:03	9.6	23.58	7.0	0.48	142	
16:03	9.8	23.44	7.0	0.47	138	
16:03	10.0	23.51	7.0	0.47	142	
16:03	10.1	23.50	7.0	0.48	144	
16:03	10.3	23.47	7.0	0.47	144	
16:03	10.5	23.68	7.0	0.48	142	
16:03	10.7	23.52	7.0	0.44	143	
16:03	10.9	23.46	7.0	0.45	145	
16:03	11.0	23.56	7.0	0.44	148	
16:03	11.1	23.70	7.0	0.45	143	
16:03	11.3	23.57	7.0	0.39	147	
16:04	11.5	23.70	7.0	0.41	141	
16:04	11.6	23.56	7.0	0.39	141	
16:04	11.9	23.68	7.0	0.33	133	
16:04	11.9	23.62	7.0	0.35	139	
16:04	11.8	23.55	7.0	0.37	132	
16:04	11.9	23.48	7.0	0.38	133	
16:04	11.9	23.72	7.0	0.38	123	
16:04	11.8	23.54	7.0	0.40	129	
16:04	11.8	23.62	7.0	0.42	124	
16:04	11.8	23.66	7.0	0.41	129	
16:04	11.8	23.48	7.0	0.40	132	
16:04	11.9	23.53	7.1	0.33	137	
16:04	11.9	23.64	7.1	0.33	127	
16:04	11.9	23.78	7.1	0.33	124	
16:04	11.9	23.80	7.1	0.40	130	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
16:30		0.9	6.80	6.1	0.06		280
16:30		0.9	6.80	6.1	0.08		286
16:30		0.9	6.80	6.1	0.04		235
16:30		0.9	6.80	6.1	0.05		274
16:30		0.9	6.80	6.1	0.03		201
16:30		0.9	6.80	6.0	0.09		285
16:30	*	0.9	6.80	6.1	0.06		252
16:30		0.9	6.77	6.0	0.10		278
16:30		0.9	6.76	6.0	0.04		213
16:30		0.9	6.74	6.0	0.06		286
16:30		0.9	6.74	6.0	0.07		266
16:30		0.9	6.73	6.0	0.05		263
16:30		0.9	6.74	6.0	0.05		280
16:30		0.9	6.76	6.0	0.05		222
16:30		1.1	6.88	6.1	0.08		307
16:30		1.7	7.12	6.0	0.07	123	
16:30	*	2.3	8.06	6.0	0.01	124	
16:30		3.0	8.47	6.0	0.07	174	
16:31		3.7	11.31	6.2	0.13	127	
16:31		4.5	15.90	6.5	0.33	155	
16:31		5.2	17.73	6.7	0.52	147	
16:31		5.9	18.72	6.7	0.57	141	
16:31		6.7	21.11	6.8	0.64	142	
16:31		7.4	22.84	7.0	0.48	140	
16:31		8.2	23.85	7.1	0.49	129	
16:31	*	9.0	24.33	7.1	0.49	129	
16:31		9.8	24.57	7.1	0.46	128	
16:31		10.6	24.62	7.1	0.42	131	
16:31		11.4	24.61	7.1	0.41	130	
16:31		12.3	24.57	7.1	0.44	135	
16:31		12.6	24.61	7.1	0.40	141	
16:31		12.6	24.62	7.1	0.32	139	
16:31		12.6	24.62	7.1	0.34	127	
16:31	*	12.6	24.63	7.1	0.39	127	
16:31		12.6	24.59	7.1	0.37	126	
16:31		12.6	24.62	7.1	0.35	128	
16:31		12.6	24.60	7.1	0.31	130	
16:31		12.6	24.60	7.1	0.33	127	
16:31		12.6	24.62	7.1	0.37	126	
16:32		12.6	24.63	7.1	0.31	119	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
17:00	1.0	6.79	6.1	0.02	093	
17:00	1.0	6.80	6.1	0.00	162	
17:00	1.0	6.80	6.1	0.03	166	
17:00	1.0	6.80	6.1	0.02		209
17:00	1.0	6.80	6.1	0.02	178	
17:00	1.0	6.80	6.1	0.02		211
17:00	1.0	6.80	6.1	0.02	173	
17:00	1.0	6.81	6.1	0.02	185	
17:01	1.1	6.82	6.1	0.05		204
17:01	1.3	7.03	6.0	0.00	104	
17:01	1.6	8.05	6.0	0.07	068	
17:01	2.0	8.41	6.0	0.11	075	
17:01	2.3	9.93	6.1	0.18	085	
17:01	2.7	10.42	6.2	0.17	095	
17:01	3.1	10.55	6.2	0.16	100	
17:01	3.4	11.45	6.3	0.21	101	
17:01	3.8	14.97	6.7	0.40	132	
17:01	4.1	17.31	6.8	0.56	128	
17:01	4.5	18.61	6.8	0.65	124	
17:01	4.8	19.50	7.0	0.68	126	
17:01	5.1	19.80	7.0	0.69	130	
17:01	5.5	20.09	6.9	0.71	132	
17:01	5.8	21.00	6.9	0.68	126	
17:01	6.2	22.25	7.0	0.67	128	
17:01	6.6	23.55	7.1	0.63	121	
17:01	6.9	24.00	7.1	0.63	126	
17:01	7.3	24.10	7.1	0.65	121	
17:01	7.7	24.20	7.1	0.68	121	
17:01	8.1	23.94	7.1	0.75	120	
17:02	8.4	24.20	7.1	0.70	122	
17:02	8.8	24.14	7.1	0.70	119	
17:02	9.2	25.07	7.2	0.64	120	
17:02	9.5	25.17	7.2	0.68	118	
17:02	9.9	25.19	7.2	0.63	118	
17:02	10.3	25.29	7.2	0.63	121	
17:02	10.7	25.38	7.2	0.67	118	
17:02	11.0	25.40	7.2	0.62	123	
17:02	11.4	25.39	7.2	0.59	123	
17:02	11.8	25.40	7.2	0.57	121	
17:02	12.2	25.42	7.2	0.54	111	
17:02	12.4	25.39	7.2	0.50	107	
17:02	12.3	25.40	7.2	0.51	103	
17:02	12.4	25.42	7.2	0.56	105	
17:02	12.4	25.45	7.2	0.55	105	
17:02	12.4	25.44	7.2	0.62	108	
17:02	12.4	25.42	7.2	0.49	110	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
17:30	1.0	6.82	6.1	0.10	114
17:30	1.1	6.83	6.1	0.09	142
17:30	1.0	6.82	6.1	0.04	156
17:30	1.0	6.81	6.1	0.05	135
17:30	1.0	6.81	6.1	0.03	110
17:30	1.0	6.81	6.1	0.08	159
17:30	1.0	6.83	6.1	0.04	070
17:30	1.3	7.16	6.0	0.08	155
17:30	1.9	8.49	6.1	0.11	119
17:30	2.2	10.39	6.2	0.27	096
17:30	2.5	11.32	6.3	0.33	083
17:31	2.9	12.56	6.4	0.35	082
17:31	3.3	14.36	6.6	0.38	082
17:31	3.7	15.53	6.8	0.37	092
17:31	4.0	16.71	6.9	0.44	104
17:31	4.7	18.02	7.0	0.54	114
17:31	5.0	18.58	7.0	0.58	112
17:31	5.4	18.92	7.1	0.61	112
17:31	5.8	19.20	7.0	0.67	113
17:31	6.2	20.56	7.0	0.75	107
17:31	6.6	21.16	7.0	0.73	114
17:31	7.0	21.75	7.0	0.69	115
17:31	7.2	23.18	7.1	0.69	105
17:31	7.5	24.94	7.2	0.57	099
17:31	7.8	25.32	7.2	0.54	127
17:31	8.1	25.42	7.2	0.54	122
17:31	8.4	25.82	7.2	0.50	113
17:31	8.8	26.99	7.3	0.48	131
17:31	9.1	27.22	7.3	0.40	118
17:31	9.4	27.20	7.3	0.39	107
17:31	9.7	27.26	7.3	0.39	109
17:32	10.0	27.29	7.3	0.39	126
17:32	10.3	27.35	7.3	0.38	138
17:32	10.6	27.36	7.3	0.40	131
17:32	10.9	27.37	7.3	0.37	141
17:32	11.2	27.37	7.3	0.36	150
17:32	11.5	27.36	7.3	0.33	135
17:32	11.8	27.38	7.3	0.34	140
17:32	12.1	27.38	7.3	0.31	131
17:32	12.4	27.40	7.3	0.39	124
17:32	12.6	27.38	7.3	0.28	114
17:32	12.6	27.38	7.3	0.31	122
17:32	12.6	27.38	7.3	0.29	129
17:32	12.6	27.40	7.3	0.26	132

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
18:00	1.0	7.07	6.1	0.07	104
18:00	1.0	7.09	6.1	0.07	082
18:00	0.9	7.08	6.0	0.05	102
18:00	1.0	7.07	6.0	0.06	077
18:00	1.0	7.08	6.1	0.06	116
18:00	0.9	7.09	6.1	0.08	074
18:00	0.9	7.08	6.1	0.04	123
18:00	0.9	7.09	6.1	0.08	065
18:00	0.9	7.07	6.1	0.05	153
18:00	1.0	7.06	6.0	0.06	049
18:00	1.0	7.05	6.1	0.04	106
18:00	1.1	7.13	6.1	0.04	097
18:00	1.4	7.72	6.0	0.04	081
18:00	1.8	9.84	6.1	0.15	111
18:01	2.3	12.49	6.4	0.24	087
18:01	2.8	13.91	6.7	0.23	089
18:01	3.2	15.56	6.8	0.35	100
18:01	3.6	16.40	6.7	0.47	100
18:01	4.0	17.06	6.9	0.45	106
18:01	4.4	18.51	7.2	0.51	114
18:01	4.8	20.82	7.3	0.62	111
18:01	5.2	21.85	7.2	0.69	116
18:01	5.6	22.23	7.3	0.70	117
18:01	6.0	22.43	7.2	0.71	121
18:01	6.3	22.70	7.2	0.71	121
18:01	6.8	24.42	7.2	0.66	115
18:01	7.2	26.22	7.3	0.54	111
18:01	7.6	27.03	7.3	0.51	110
18:01	8.0	27.25	7.3	0.47	110
18:01	8.4	27.42	7.3	0.45	111
18:01	8.8	27.58	7.3	0.40	107
18:01	9.2	27.81	7.3	0.38	106
18:01	9.5	27.94	7.3	0.38	106
18:01	9.9	27.97	7.3	0.37	108
18:01	10.3	27.98	7.3	0.34	104
18:02	10.7	28.00	7.3	0.32	102
18:02	11.0	27.99	7.3	0.34	104
18:02	11.4	27.99	7.3	0.35	106
18:02	11.8	28.01	7.3	0.31	102
18:02	12.1	28.02	7.3	0.32	096
18:02	12.2	28.01	7.3	0.31	113
18:02	12.3	28.02	7.3	0.31	113
18:02	12.3	28.03	7.3	0.30	113
18:02	12.3	28.03	7.3	0.28	110
18:02	12.3	28.03	7.3	0.24	109

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
18:30	0.9	9.08	6.1	0.08	103
18:30	0.9	9.04	6.1	0.08	080
18:30	0.8	9.04	6.1	0.09	089
18:30	0.8	8.99	6.1	0.10	063
18:30	0.9	9.01	6.1	0.09	072
18:30	0.9	9.01	6.1	0.09	053
18:30	1.0	9.02	6.1	0.07	071
18:30	1.2	9.13	6.1	0.09	120
18:30	1.4	9.49	6.1	0.10	116
18:30	1.7	10.05	6.2	0.16	119
18:30	2.0	11.41	6.4	0.22	094
18:31	2.3	12.66	6.6	0.28	100
18:31	2.6	13.04	6.6	0.31	102
18:31	2.9	14.21	6.5	0.36	095
18:31	3.2	15.30	6.6	0.39	105
18:31	3.5	15.81	6.9	0.36	101
18:31	3.8	16.60	7.2	0.38	110
18:31	4.1	17.14	7.3	0.33	113
18:31	4.5	18.74	7.3	0.35	122
18:31	4.7	21.92	7.3	0.47	119
18:31	5.0	22.53	7.4	0.48	121
18:31	5.3	22.67	7.4	0.50	119
18:31	5.6	22.73	7.4	0.54	117
18:31	5.9	22.76	7.3	0.57	113
18:31	6.3	23.29	7.3	0.53	111
18:31	6.6	25.31	7.3	0.46	108
18:31	6.9	26.50	7.3	0.41	108
18:31	7.2	27.09	7.3	0.34	107
18:31	7.5	28.03	7.3	0.32	105
18:31	7.9	28.24	7.3	0.32	105
18:31	8.2	28.31	7.3	0.32	104
18:31	8.5	28.34	7.3	0.32	106
18:32	8.8	28.37	7.3	0.34	105
18:32	9.2	28.37	7.4	0.34	109
18:32	9.5	28.38	7.3	0.33	111
18:32	9.8	28.40	7.4	0.33	110
18:32	10.1	28.40	7.4	0.34	111
18:32	10.5	28.40	7.3	0.33	111
18:32	10.7	28.41	7.4	0.29	112
18:32	11.1	28.42	7.4	0.24	106
18:32	11.4	28.42	7.4	0.25	101
18:32	11.7	28.42	7.3	0.26	108
18:32	12.0	28.45	7.4	0.23	100
18:32	12.0	28.43	7.4	0.28	098
18:32	12.0	28.43	7.4	0.30	105
18:32	12.0	28.44	7.4	0.30	113

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:45	0.9	9.44	6.2	0.02	143	
18:45	0.9	9.45	6.2	0.09	030	
18:45	0.9	9.45	6.2	0.04	038	
18:45	0.9	9.47	6.2	0.06	029	
18:45	0.9	9.48	6.1	0.06	025	
18:45	0.9	9.51	6.2	0.06	042	
18:45	0.8	9.52	6.2	0.07	026	
18:45	0.9	9.54	6.2	0.05		000
18:45	0.9	9.56	6.1	0.08	033	
18:45	0.8	9.59	6.2	0.09	011	
18:45	0.8	9.58	6.2	0.06	026	
18:45	0.8	9.59	6.2	0.08	016	
18:45	1.0	9.63	6.2	0.00	158	
18:45	1.2	10.24	6.2	0.08	047	
18:45	1.5	10.68	6.2	0.12	130	
18:45	1.7	10.89	6.2	0.14	095	
18:45	2.0	11.76	6.5	0.18	114	
18:45	2.2	12.48	6.4	0.21	098	
18:45	2.5	14.53	6.6	0.28	097	
18:46	2.8	15.03	6.6	0.28	096	
18:46	3.0	15.20	6.6	0.31	101	
18:46	3.3	15.41	6.6	0.30	097	
18:46	3.6	15.92	7.2	0.28	106	
18:46	3.8	16.80	7.2	0.28	111	
18:46	4.1	18.59	7.3	0.38	113	
18:46	4.3	19.98	7.3	0.45	118	
18:46	4.6	22.60	7.4	0.49	117	
18:46	4.8	23.21	7.3	0.54	120	
18:46	5.1	23.44	7.3	0.55	121	
18:46	5.3	23.56	7.3	0.56	117	
18:46	5.6	23.63	7.3	0.56	118	
18:46	5.9	23.70	7.3	0.55	113	
18:46	6.1	24.86	7.3	0.51	115	
18:46	6.4	26.00	7.3	0.46	114	
18:46	6.7	26.69	7.3	0.41	117	
18:46	6.9	27.06	7.3	0.35	112	
18:46	7.2	27.40	7.3	0.34	109	
18:46	7.5	27.69	7.3	0.33	110	
18:46	7.8	28.20	7.4	0.32	111	
18:47	8.1	28.35	7.4	0.32	111	
18:47	8.4	28.39	7.4	0.33	110	
18:47	8.6	28.42	7.4	0.33	106	
18:47	8.9	28.46	7.4	0.33	108	
18:47	9.2	28.47	7.4	0.31	106	
18:47	9.5	28.46	7.4	0.30	101	
18:47	9.7	28.48	7.4	0.31	104	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:47	10.0	28.49	7.4	0.29	101	
18:47	10.3	28.51	7.4	0.28	099	
18:47	10.6	28.51	7.4	0.28	105	
18:47	10.9	28.52	7.4	0.22	100	
18:47	11.1	28.52	7.4	0.22	098	
18:47	11.4	28.52	7.4	0.22	099	
18:47	11.7	28.53	7.4	0.22	103	
18:47	11.9	28.53	7.4	0.22	092	
18:47	12.0	28.52	7.4	0.19	120	
18:47	12.0	28.54	7.4	0.18	107	
18:47	12.0	28.55	7.4	0.16	110	
18:47	12.0	28.53	7.4	0.21	110	
18:47	12.0	28.50	7.4	0.23	117	
18:47	12.0	28.54	7.4	0.21	109	
18:48	12.0	28.53	7.4	0.22	118	
18:48	12.0	28.52	7.4	0.24	114	
18:48	12.0	28.55	7.4	0.24	122	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
19:00	0.8	9.26	6.1	0.07	065	
19:00	0.8	9.45	6.2	0.05	092	
19:00	0.8	9.58	6.2	0.05	081	
19:00	0.8	9.58	6.2	0.06	084	
19:00	0.7	9.56	6.2	0.07	078	
19:00	0.8	9.52	6.2	0.05	092	
19:00	0.8	9.57	6.2	0.08	055	
19:00	0.8	9.58	6.2	0.06	097	
19:00	0.8	9.70	6.2	0.09	046	
19:00	0.8	9.69	6.2	0.05	118	
19:00	0.8	9.74	6.2	0.13	044	
19:00	0.8	9.68	6.2	0.05	123	
19:00	0.8	9.75	6.2	0.11	045	
19:00	0.8	9.70	6.2	0.04	147	
19:00	0.8	9.81	6.2	0.11	046	
19:01	0.9	10.08	6.2	0.02	068	
19:01	1.2	10.44	6.2	0.08	080	
19:01	1.4	10.76	6.3	0.10	107	
19:01	1.7	11.13	6.3	0.14	125	
19:01	2.0	11.81	6.4	0.18	095	
19:01	2.2	12.55	6.4	0.17	106	
19:01	2.5	13.86	6.5	0.23	093	
19:01	2.8	14.50	6.5	0.29	112	
19:01	3.0	14.99	6.7	0.28	107	
19:01	3.3	15.43	6.9	0.26	103	
19:01	3.6	15.72	7.1	0.25	105	
19:01	3.8	16.70	7.4	0.28	108	
19:01	4.1	17.81	7.4	0.32	113	
19:01	4.4	19.88	7.4	0.36	118	
19:01	4.7	22.08	7.4	0.44	121	
19:01	4.9	22.71	7.4	0.46	120	
19:01	5.2	22.75	7.4	0.49	120	
19:01	5.4	22.90	7.4	0.55	117	
19:01	5.7	23.59	7.3	0.58	115	
19:01	6.0	24.07	7.3	0.58	112	
19:01	6.2	24.86	7.3	0.52	112	
19:02	6.5	25.80	7.3	0.44	114	
19:02	6.8	27.21	7.3	0.37	113	
19:02	7.0	27.65	7.3	0.34	111	
19:02	7.3	27.82	7.3	0.33	111	
19:02	7.6	28.06	7.3	0.29	102	
19:02	7.9	28.41	7.4	0.28	099	
19:02	8.2	28.51	7.4	0.28	105	
19:02	8.4	28.53	7.4	0.28	100	
19:02	8.7	28.56	7.4	0.28	100	
19:02	9.0	28.58	7.4	0.26	102	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
19:02	9.2	28.58	7.4	0.25	102	
19:02	9.5	28.60	7.4	0.24	106	
19:02	9.8	28.61	7.4	0.22	102	
19:02	10.0	28.60	7.4	0.22	106	
19:02	10.3	28.62	7.4	0.22	113	
19:02	10.6	28.61	7.4	0.23	107	
19:02	10.9	28.61	7.4	0.23	112	
19:02	11.1	28.62	7.4	0.23	115	
19:02	11.4	28.62	7.4	0.22	112	
19:02	11.6	28.62	7.4	0.18	121	
19:03	11.7	28.63	7.4	0.20	113	
19:03	11.7	28.62	7.4	0.21	112	
19:03	11.7	28.62	7.4	0.20	118	
19:03	11.7	28.62	7.4	0.20	111	
19:03	11.7	28.63	7.4	0.18	113	
19:03	11.7	28.61	7.4	0.17	115	
19:03	11.7	28.63	7.4	0.17	115	
19:03	11.7	28.62	7.4	0.17	116	
19:03	11.7	28.62	7.4	0.16	111	
19:03	11.7	28.63	7.4	0.16	116	
19:03	11.7	28.62	7.4	0.21	104	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
19:30		0.9	7.14	5.7	0.22		289
19:30		0.9	7.08	5.7	0.22		300
19:30		1.0	7.15	5.8	0.23		292
19:30		0.9	7.25	5.7	0.22		300
19:30		0.9	7.28	5.9	0.23		291
19:30		0.9	7.28	5.8	0.22		299
19:30		0.9	7.21	5.6	0.21		300
19:30		0.9	7.13	5.5	0.20		298
19:30		0.9	7.10	5.5	0.19		299
19:30		0.9	7.09	5.5	0.18		293
19:30		0.9	7.10	5.5	0.22		305
19:30		0.9	7.03	5.6	0.15		284
19:30		0.9	7.06	5.6	0.25		335
19:30	*	0.9	7.09	5.5	0.20		295
19:30		0.8	7.04	5.7	0.16		310
19:30		0.9	7.05	5.5	0.22		336
19:30		1.0	7.11	5.3	0.14		302
19:31		0.9	7.18	5.4	0.20		330
19:31		1.0	7.26	6.0	0.22		298
19:31		1.2	7.38	6.0	0.20		336
19:31		1.3	7.57	6.0	0.10		321
19:31	*	1.6	7.87	6.0	0.01		319
19:31		1.8	10.67	6.2	0.04	072	
19:31		1.9	11.92	6.3	0.06	130	
19:31		2.1	13.50	6.5	0.13	113	
19:31		2.3	14.22	6.5	0.15	121	
19:31		2.6	14.30	6.5	0.14	120	
19:31		2.8	14.58	6.6	0.19	134	
19:31		2.9	15.07	6.9	0.17	124	
19:31		3.1	15.49	6.7	0.17	124	
19:31		3.3	15.87	6.7	0.21	116	
19:31		3.6	16.40	6.9	0.23	112	
19:31		3.8	16.73	6.9	0.22	120	
19:31		4.0	17.25	7.1	0.22	121	
19:31		4.2	18.15	7.4	0.20	113	
19:31		4.4	19.56	7.5	0.25	118	
19:31		4.6	21.53	7.4	0.28	115	
19:31		4.8	22.01	7.4	0.31	118	
19:32		5.0	22.32	7.4	0.33	117	
19:32		5.1	22.79	7.3	0.38	119	
19:32		5.3	23.27	7.3	0.41	123	
19:32	*	5.5	23.70	7.3	0.41	123	
19:32		5.7	24.02	7.3	0.41	124	
19:32		5.9	25.02	7.3	0.40	125	
19:32		6.1	25.94	7.3	0.38	126	
19:32		6.3	27.07	7.3	0.34	131	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
19:32	6.5	27.63	7.4	0.32	132	
19:32	6.8	27.93	7.4	0.28	127	
19:32	6.9	28.11	7.4	0.26	127	
19:32	7.1	28.23	7.4	0.26	127	
19:32	7.3	28.31	7.4	0.25	124	
19:32	7.5	28.42	7.4	0.26	124	
19:32	7.7	28.49	7.4	0.25	124	
19:32	7.9	28.58	7.4	0.24	124	
19:32	8.2	28.65	7.4	0.24	128	
19:32	8.4	28.68	7.4	0.23	125	
19:32	8.6	28.70	7.4	0.22	127	
19:32	8.8	28.71	7.4	0.23	124	
19:33	9.0	28.69	7.4	0.24	125	
19:33	9.2	28.70	7.4	0.23	125	
19:33	9.4	28.71	7.4	0.23	126	
19:33	9.6	28.72	7.4	0.24	129	
19:33	9.8	28.73	7.4	0.25	127	
19:33	10.0	28.72	7.4	0.23	127	
19:33	10.2	28.73	7.4	0.24	130	
19:33	10.4	28.73	7.4	0.24	134	
19:33	10.6	28.74	7.4	0.22	133	
19:33	10.8	28.74	7.4	0.23	134	
19:33	11.0	28.74	7.4	0.22	130	
19:33	11.2	28.74	7.4	0.22	133	
19:33	11.4	28.75	7.4	0.23	127	
19:33	* 11.6	28.75	7.4	0.23	127	
19:33	11.8	28.75	7.4	0.22	127	
19:33	12.0	28.75	7.4	0.23	125	
19:33	12.2	28.77	7.4	0.16	132	
19:33	12.2	28.75	7.4	0.15	120	
19:33	12.2	28.77	7.4	0.15	126	
19:33	12.2	28.76	7.4	0.15	117	
19:33	12.2	28.75	7.4	0.16	119	
19:34	12.2	28.77	7.4	0.16	117	
19:34	12.2	28.75	7.4	0.16	128	
19:34	12.1	28.75	7.4	0.17	121	
19:34	12.2	28.77	7.4	0.24	136	
19:34	12.1	28.77	7.4	0.23	131	
19:34	12.1	28.77	7.4	0.22	125	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
20:00	1.0	7.87	6.0	0.35		273
20:00	0.9	7.81	6.0	0.36		277
20:00	1.0	7.92	6.1	0.37		275
20:00	1.0	8.03	6.1	0.39		277
20:00	1.0	7.94	6.1	0.39		278
20:00	0.9	7.95	6.1	0.39		275
20:00	0.9	7.98	6.1	0.39		283
20:00	0.9	8.00	6.1	0.39		269
20:00	0.9	7.94	6.0	0.40		281
20:00	0.9	7.72	6.0	0.39		280
20:00	0.9	7.92	6.1	0.41		280
20:00	0.9	7.90	6.1	0.42		277
20:00	0.9	7.83	6.1	0.42		277
20:00	1.0	7.86	6.1	0.40		277
20:00	0.9	7.80	6.0	0.41		275
20:00	0.9	7.79	6.0	0.42		276
20:00	1.0	7.93	6.0	0.32		267
20:00	1.2	8.37	6.1	0.32		279
20:01	1.4	9.51	6.3	0.25		276
20:01	1.6	11.53	6.4	0.12		275
20:01	1.8	12.73	6.5	0.08		250
20:01	2.0	13.69	6.6	0.07		232
20:01	2.2	14.01	6.6	0.08		193
20:01	2.4	14.36	6.6	0.08	182	
20:01	2.6	16.06	6.8	0.08	154	
20:01	2.8	16.61	7.0	0.09	105	
20:01	3.0	17.75	7.2	0.10	090	
20:01	3.2	18.30	7.1	0.13	087	
20:01	3.4	18.60	7.1	0.14	093	
20:01	3.7	19.02	7.2	0.16	098	
20:01	4.0	19.66	7.3	0.15	109	
20:01	4.3	20.93	7.3	0.14	109	
20:01	4.6	21.87	7.3	0.13	105	
20:01	4.9	22.24	7.4	0.18	133	
20:01	5.0	22.64	7.4	0.23	134	
20:01	5.2	23.18	7.4	0.27	139	
20:01	5.4	23.61	7.3	0.29	140	
20:01	5.6	24.16	7.3	0.28	139	
20:01	5.8	25.36	7.3	0.31	148	
20:02	6.0	25.93	7.3	0.30	147	
20:02	6.2	27.19	7.4	0.28	151	
20:02	6.4	27.83	7.4	0.23	152	
20:02	6.6	28.07	7.4	0.22	153	
20:02	6.8	28.20	7.4	0.17	149	
20:02	7.0	28.30	7.4	0.15	149	
20:02	7.2	28.33	7.4	0.16	152	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
20:02	7.4	28.38	7.4	0.13	142
20:02	7.6	28.40	7.4	0.13	151
20:02	7.9	28.46	7.4	0.10	139
20:02	8.1	28.46	7.4	0.08	132
20:02	8.3	28.55	7.4	0.06	123
20:02	8.5	28.66	7.4	0.05	104
20:02	8.7	28.68	7.4	0.05	086
20:02	8.9	28.71	7.4	0.04	105
20:02	9.1	28.73	7.4	0.04	147
20:02	9.3	28.75	7.4	0.04	106
20:02	9.5	28.76	7.4	0.04	098
20:02	9.7	28.76	7.4	0.04	131
20:02	9.9	28.76	7.4	0.01	184
20:02	10.1	28.78	7.4	0.05	114
20:03	10.2	28.79	7.4	0.08	183
20:03	10.1	28.77	7.4	0.05	158
20:03	10.2	28.78	7.4	0.01	082
20:03	10.2	28.77	7.4	0.04	136
20:03	10.2	28.77	7.4	0.05	153
20:03	10.2	28.77	7.4	0.04	137
20:03	10.2	28.76	7.4	0.04	178
20:03	10.2	28.77	7.4	0.06	132
20:03	10.2	28.76	7.4	0.03	157
20:03	10.2	28.77	7.4	0.03	171
20:03	10.2	28.75	7.4	0.04	175

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
20:30	0.8	8.20	6.1	0.47		300
20:30	0.8	7.94	6.0	0.45		299
20:30	0.9	7.87	6.1	0.43		302
20:30	0.8	7.95	6.1	0.46		301
20:30	0.8	7.93	6.1	0.46		301
20:30	0.9	8.00	6.1	0.46		302
20:30	0.9	8.06	6.1	0.48		302
20:31	1.0	8.57	6.1	0.48		306
20:31	1.3	9.46	6.2	0.44		309
20:31	1.7	10.04	6.2	0.36		312
20:31	1.9	11.12	6.5	0.33		308
20:31	2.3	13.17	6.7	0.25		333
20:31	2.6	15.09	6.8	0.15		329
20:31	3.0	16.10	7.0	0.14		347
20:31	3.3	16.55	7.0	0.13		351
20:31	3.6	16.88	7.0	0.14		006
20:31	3.9	17.93	7.1	0.14	018	
20:31	4.3	19.78	7.2	0.16	033	
20:31	4.7	21.82	7.3	0.12	069	
20:31	5.0	23.42	7.4	0.12	076	
20:31	5.3	24.53	7.3	0.16	101	
20:31	5.7	25.84	7.4	0.15	109	
20:31	6.0	27.56	7.4	0.06	110	
20:31	6.4	28.23	7.4	0.02	050	
20:31	6.7	28.25	7.4	0.02		322
20:31	7.1	28.32	7.4	0.04		285
20:31	7.4	28.44	7.4	0.07		269
20:31	7.8	28.71	7.4	0.09		260
20:32	8.1	28.80	7.4	0.12		243
20:32	8.5	28.84	7.4	0.10		247
20:32	8.8	28.81	7.4	0.08		246
20:32	9.2	28.81	7.4	0.08		234
20:32	9.5	28.82	7.4	0.11		239
20:32	9.8	28.82	7.4	0.02	184	
20:32	9.8	28.82	7.4	0.07		243
20:32	9.8	28.85	7.4	0.03		234
20:32	9.8	28.83	7.4	0.07		235
20:32	9.8	28.84	7.4	0.04		257
20:32	9.8	28.81	7.4	0.05		245
20:32	9.8	28.81	7.4	0.02		244
20:32	9.8	28.82	7.4	0.03		275
20:32	9.8	28.83	7.4	0.00	183	
20:32	9.8	28.81	7.4	0.02	015	
20:32	9.8	28.81	7.4	0.05		008
20:32	9.8	28.82	7.4	0.22	059	
20:32	9.8	28.83	7.4	0.10	024	

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

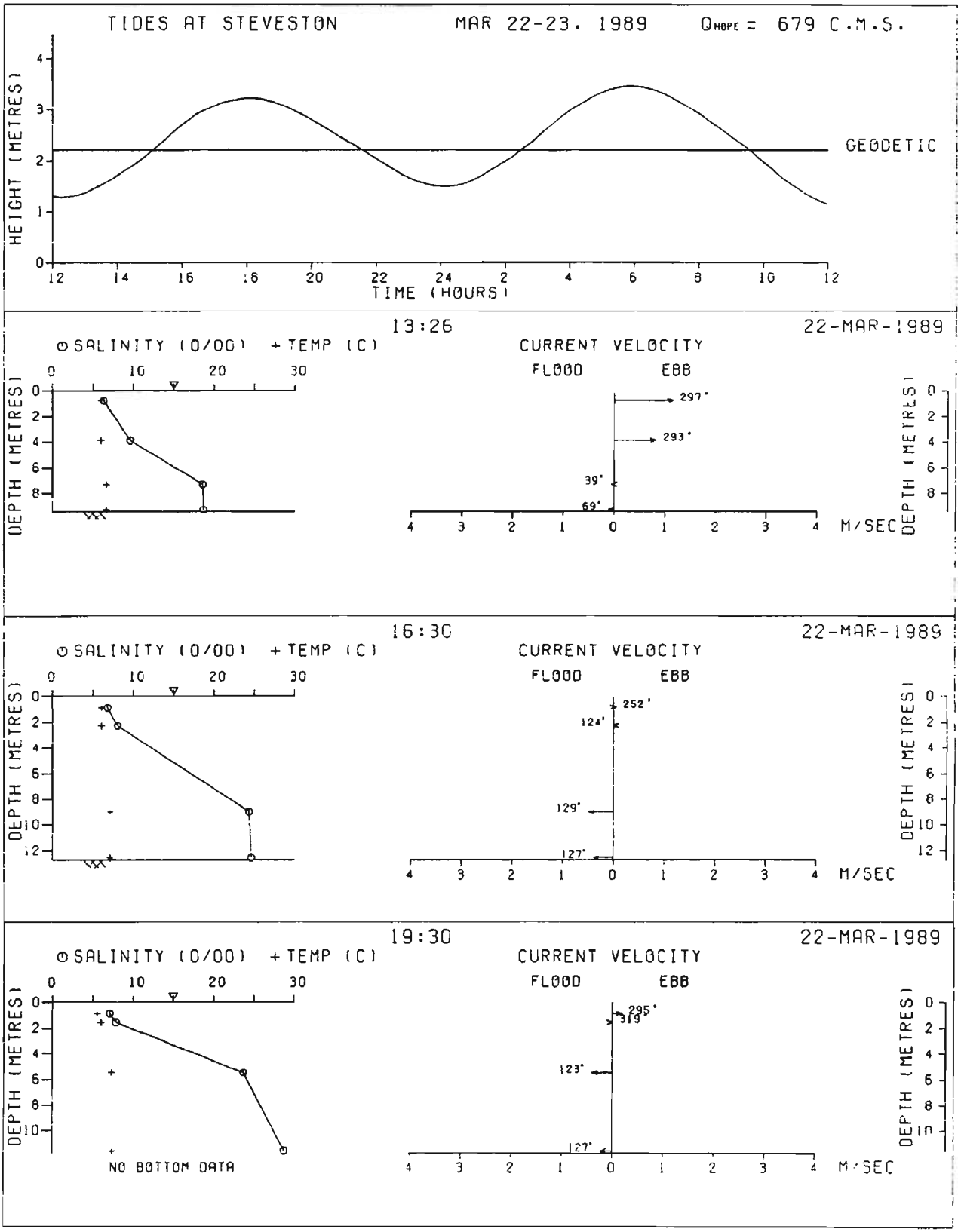
TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
21:00	0.8	8.05	6.0	0.85		300
21:00	0.9	7.75	6.0	0.82		296
21:00	0.8	7.67	6.0	0.78		295
21:00	0.9	7.70	6.0	0.76		296
21:00	0.8	7.47	6.0	0.77		296
21:00	0.9	7.42	5.9	0.78		303
21:00	0.9	7.20	5.9	0.83		303
21:00	0.9	7.19	5.9	0.85		307
21:00	0.9	7.74	6.0	0.84		308
21:00	1.1	8.43	6.1	0.75		294
21:00	1.2	8.75	6.2	0.73		305
21:00	1.6	9.72	6.2	0.65		315
21:00	1.8	10.61	6.3	0.66		310
21:01	2.1	13.99	6.6	0.62		301
21:01	2.3	15.85	6.8	0.49		294
21:01	2.7	17.77	7.0	0.29		287
21:01	3.0	17.85	7.0	0.18		315
21:01	3.3	19.23	7.1	0.16		304
21:01	3.5	19.26	7.1	0.05		271
21:01	3.8	21.10	7.2	0.05		283
21:01	4.1	21.99	7.3	0.07		268
21:01	4.4	22.58	7.3	0.05		212
21:01	4.7	23.23	7.3	0.03	143	
21:01	5.0	23.96	7.3	0.09	113	
21:01	5.3	25.03	7.4	0.11	120	
21:01	5.5	25.79	7.4	0.13	125	
21:01	5.8	26.12	7.4	0.13	122	
21:01	6.1	26.36	7.4	0.12	105	
21:01	6.4	26.97	7.4	0.09	084	
21:01	6.7	27.70	7.4	0.07	051	
21:01	7.0	28.03	7.4	0.08	023	
21:01	7.3	28.25	7.4	0.14	021	
21:01	7.5	28.34	7.4	0.10		356
21:01	7.9	28.37	7.4	0.11		347
21:02	8.1	28.39	7.4	0.13		344
21:02	8.4	28.48	7.4	0.14		342
21:02	8.7	28.59	7.4	0.13		335
21:02	8.9	28.69	7.4	0.12		334
21:02	9.2	28.72	7.4	0.11		327
21:02	9.5	28.76	7.4	0.08		309
21:02	9.5	28.76	7.4	0.08		315
21:02	9.5	28.76	7.4	0.07		322
21:02	9.5	28.75	7.4	0.08		325

PROFILES AT STEVESTON BEND (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
21:30	0.8	5.89	5.9	1.09		298
21:30	0.8	5.76	5.9	1.09		295
21:30	0.8	5.75	5.9	1.08		295
21:30	0.8	5.76	5.9	1.09		294
21:30	0.8	5.75	5.9	1.09		293
21:30	0.8	5.70	5.9	1.10		294
21:30	0.8	5.78	5.9	1.11		293
21:30	0.8	5.59	5.7	1.10		293
21:30	0.9	5.70	5.9	0.94		300
21:30	0.8	5.79	5.9	0.90		299
21:30	0.8	5.83	5.9	0.96		297
21:30	0.8	5.70	5.7	0.77		297
21:30	1.0	6.01	5.9	1.01		293
21:30	1.2	6.86	6.0	1.04		256
21:30	1.5	8.34	6.1	1.01		313
21:30	1.8	9.25	6.2	1.02		268
21:30	2.1	11.12	6.2	0.91		303
21:30	2.4	14.49	6.6	0.58		293
21:30	2.8	17.53	7.0	0.49		303
21:30	3.0	20.28	7.1	0.39		322
21:31	3.4	22.18	7.2	0.29		319
21:31	3.7	25.37	7.3	0.13		327
21:31	4.0	25.70	7.4	0.09		327
21:31	4.3	26.17	7.4	0.07		340
21:31	4.6	26.46	7.4	0.10		350
21:31	4.9	26.86	7.3	0.12		350
21:31	5.2	26.95	7.3	0.15		354
21:31	5.5	27.33	7.3	0.19		350
21:31	5.9	27.67	7.4	0.20		349
21:31	6.2	27.80	7.4	0.20		357
21:31	6.5	28.08	7.4	0.22		347
21:31	6.9	28.17	7.4	0.23		345
21:31	7.2	28.21	7.4	0.25		343
21:31	7.5	28.32	7.4	0.23		335
21:31	7.8	28.43	7.4	0.22		336
21:31	8.1	28.57	7.4	0.19		336
21:31	8.5	28.72	7.4	0.17		330
21:31	8.8	28.72	7.4	0.13		320
21:31	9.1	28.77	7.4	0.10		312
21:31	9.3	28.75	7.4	0.08		276
21:31	9.4	28.77	7.4	0.12		294
21:32	9.4	28.75	7.4	0.12		301
21:32	9.4	28.73	7.4	0.12		303
21:32	9.4	28.74	7.4	0.12		304
21:32	9.4	28.74	7.4	0.13		304
21:32	9.4	28.74	7.4	0.13		302

PROFILES AT STEVESTON BEND



PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
1:00	0.8	3.54	5.6	1.38		303
1:00	0.8	3.54	5.6	1.35		303
1:00	0.7	3.58	5.6	1.35		304
1:00	0.7	3.57	5.6	1.35		302
1:00	0.7	3.64	5.6	1.37		303
1:00	0.7	3.48	5.6	1.34		303
1:00	0.7	3.55	5.6	1.35		303
1:00	0.7	3.60	5.6	1.34		305
1:00	0.8	3.82	5.6	1.29		304
1:01	0.9	3.93	5.6	1.22		299
1:01	1.0	4.02	5.6	1.22		294
1:01	1.2	4.11	5.6	1.26		296
1:01	1.4	4.20	5.7	1.20		300
1:01	1.6	4.30	5.7	1.13		305
1:01	1.8	4.47	5.7	1.13		310
1:01	1.9	5.66	5.7	1.23		307
1:01	2.1	5.81	5.8	1.21		309
1:01	2.3	5.95	5.8	1.24		317
1:01	2.6	6.20	5.8	1.22		317
1:01	2.8	6.55	5.8	1.19		317
1:01	3.0	7.37	5.9	1.16		319
1:01	3.3	7.86	5.9	1.16		318
1:01	3.6	8.94	6.0	1.13		321
1:01	3.9	10.01	6.0	1.07		322
1:01	4.2	11.91	6.2	0.92		327
1:01	4.6	14.32	6.4	0.76		331
1:01	5.0	16.54	6.6	0.63		338
1:01	5.3	18.04	6.7	0.53		337
1:01	5.7	19.68	6.8	0.41		348
1:02	6.0	20.50	6.9	0.28		347
1:02	6.3	20.40	6.9	0.23		345
1:02	6.6	20.64	6.9	0.17		350
1:02	7.0	20.73	6.9	0.11	014	
1:02	7.3	20.76	6.9	0.07	034	
1:02	7.6	20.78	6.9	0.00		212
1:02	7.9	20.81	6.9	0.03	129	
1:02	8.2	20.87	6.9	0.01	074	
1:02	8.5	20.85	6.9	0.02		357
1:02	8.7	20.83	6.9	0.09	127	
1:02	8.7	20.83	6.9	0.04	148	
1:02	8.7	20.84	6.9	0.05	162	
1:02	8.7	20.83	6.9	0.06	161	
1:02	8.8	20.83	6.9	0.03	168	
1:02	8.8	20.82	6.9	0.02	120	
1:02	8.8	20.82	6.9	0.03	104	
1:02	8.8	20.83	6.9	0.04	111	

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
1:30		0.9	4.00	5.7	1.00		301
1:30		0.9	4.01	5.7	0.91		302
1:30	*	0.9	4.02	5.7	0.94		300
1:30		0.9	3.91	5.6	0.98		308
1:30		1.0	3.92	5.6	0.91		301
1:30		1.0	3.97	5.6	0.87		302
1:30		1.1	4.09	5.6	0.93		294
1:30		1.3	4.30	5.7	0.85		304
1:30		1.5	4.63	5.7	0.77		321
1:30		1.8	5.01	5.7	0.81		328
1:31		2.0	5.38	5.7	0.84		319
1:31		2.3	5.81	5.7	0.84		320
1:31		2.5	6.12	5.8	0.85		323
1:31	*	2.8	6.28	5.8	0.87		319
1:31		3.1	6.74	5.8	0.87		322
1:31		3.3	7.17	5.8	0.86		315
1:31		3.6	7.72	5.9	0.85		318
1:31		3.9	8.55	6.0	0.76		323
1:31		4.3	9.54	6.0	0.68		327
1:31		4.5	10.58	6.1	0.59		331
1:31		4.9	12.61	6.3	0.47		327
1:31		5.2	14.28	6.4	0.37		343
1:31		5.5	14.90	6.5	0.20	011	
1:31		5.8	15.15	6.5	0.12	015	
1:31		6.1	15.80	6.5	0.14	026	
1:31	*	6.4	16.00	6.5	0.13	039	
1:31		6.7	16.06	6.5	0.08	046	
1:31		7.0	16.15	6.6	0.07	091	
1:31		7.3	16.07	6.6	0.08	071	
1:31		7.6	16.16	6.6	0.10	084	
1:31		7.9	16.18	6.6	0.09	081	
1:32		8.2	16.55	6.6	0.08	055	
1:32		8.5	16.67	6.6	0.11	047	
1:32		8.8	16.67	6.6	0.08		008
1:32		9.0	16.76	6.6	0.10	050	
1:32		9.0	16.75	6.6	0.09	040	
1:32		9.0	16.68	6.6	0.09	047	
1:32		9.0	16.59	6.6	0.09	064	
1:32		9.0	16.50	6.6	0.12	056	
1:32		9.0	16.52	6.6	0.12	063	
1:32		9.0	16.53	6.6	0.10	058	
1:32		9.0	16.45	6.6	0.10	059	
1:32		9.0	16.55	6.6	0.11	057	
1:32		9.0	16.48	6.6	0.11	050	
1:32		9.0	16.60	6.6	0.09	039	
1:32	*	9.0	16.88	6.6	0.09	047	

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
2:00	0.7	3.91	5.6	0.79		293
2:00	0.7	3.90	5.6	0.80		291
2:00	0.7	3.83	5.6	0.78		289
2:00	0.7	3.85	5.6	0.78		296
2:00	0.7	3.82	5.6	0.79		292
2:00	0.7	3.87	5.6	0.79		291
2:00	1.0	4.00	5.6	0.54		295
2:00	1.3	4.11	5.6	0.67		303
2:01	1.6	4.23	5.6	0.68		297
2:01	1.9	4.30	5.6	0.62		301
2:01	2.2	4.63	5.6	0.48		306
2:01	2.5	5.48	5.7	0.57		304
2:01	2.8	5.92	5.7	0.61		308
2:01	3.1	6.26	5.8	0.55		299
2:01	3.4	6.53	5.8	0.48		303
2:01	3.7	6.94	5.8	0.36		302
2:01	4.0	9.00	6.0	0.27		311
2:01	4.3	10.03	6.1	0.24		297
2:01	4.6	11.10	6.2	0.17		284
2:01	4.9	11.32	6.2	0.13		282
2:01	5.1	11.40	6.2	0.07		300
2:01	5.5	11.67	6.2	0.09		292
2:01	5.8	11.59	6.2	0.09		286
2:01	6.1	11.85	6.2	0.05		282
2:01	6.4	14.08	6.4	0.06		223
2:01	6.7	14.84	6.4	0.09	187	
2:01	7.0	16.12	6.5	0.13	166	
2:01	7.3	17.01	6.6	0.15	169	
2:02	7.7	18.05	6.7	0.17	153	
2:02	7.9	19.09	6.8	0.20	142	
2:02	8.2	19.85	6.8	0.24	142	
2:02	8.6	20.27	6.9	0.28	139	
2:02	8.9	20.45	6.9	0.32	134	
2:02	9.2	21.19	6.9	0.27	133	
2:02	9.4	21.91	7.0	0.28	129	
2:02	9.3	21.75	7.0	0.30	130	
2:02	9.3	22.14	7.0	0.27	130	
2:02	9.4	22.25	7.0	0.23	130	
2:02	9.4	21.99	7.0	0.29	131	
2:02	9.4	21.82	7.0	0.27	137	
2:02	9.3	21.87	7.0	0.26	136	
2:02	9.3	22.24	7.0	0.23	143	

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
2:30	0.6	4.03	5.5	0.59		295
2:30	0.7	4.03	5.6	0.59		297
2:30	0.6	4.05	5.5	0.59		297
2:30	0.6	4.04	5.6	0.60		294
2:30	0.6	4.04	5.5	0.60		295
2:30	0.6	3.98	5.5	0.60		297
2:30	0.6	3.97	5.5	0.58		296
2:30	0.6	4.07	5.6	0.57		298
2:30	0.6	4.09	5.6	0.58		297
2:30	0.7	4.13	5.6	0.58		296
2:30	0.7	4.13	5.6	0.58		297
2:30	0.6	4.05	5.5	0.57		295
2:30	0.7	3.93	5.5	0.57		296
2:30	0.6	3.84	5.5	0.59		293
2:30	0.6	3.93	5.5	0.60		296
2:30	0.6	3.86	5.5	0.60		296
2:30	0.7	4.05	5.6	0.54		296
2:30	1.0	4.24	5.6	0.54		297
2:31	1.2	4.34	5.6	0.49		301
2:31	1.4	4.46	5.7	0.50		304
2:31	1.6	4.59	5.7	0.44		306
2:31	1.9	4.76	5.7	0.42		305
2:31	2.1	4.84	5.7	0.40		311
2:31	2.3	4.93	5.7	0.36		307
2:31	2.5	5.02	5.7	0.34		305
2:31	2.7	5.37	5.7	0.28		297
2:31	2.9	5.68	5.8	0.26		294
2:31	3.1	5.98	5.8	0.23		302
2:31	3.2	6.01	5.8	0.22		311
2:31	3.4	6.98	5.9	0.21		313
2:31	3.6	8.09	6.0	0.20		318
2:31	3.8	8.76	6.0	0.17		306
2:31	4.0	9.00	6.0	0.16		296
2:31	4.2	9.29	6.0	0.15		286
2:31	4.3	9.22	6.0	0.12		277
2:31	4.5	9.34	6.0	0.05		265
2:31	4.7	9.36	6.0	0.04		227
2:31	4.9	9.49	6.0	0.07		227
2:31	5.1	9.57	6.0	0.09		235
2:32	5.3	9.60	6.0	0.08		231
2:32	5.4	9.66	6.0	0.10		242
2:32	5.6	10.32	6.1	0.03		215
2:32	5.8	12.00	6.2	0.05	123	
2:32	6.0	13.17	6.4	0.08	138	
2:32	6.3	14.19	6.5	0.11	133	
2:32	6.4	15.26	6.5	0.12	145	

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
2:32	6.6	16.28	6.6	0.16	147
2:32	6.8	16.99	6.6	0.18	139
2:32	7.0	17.64	6.7	0.26	128
2:32	7.1	19.26	6.8	0.40	126
2:32	7.3	23.71	7.1	0.45	127
2:32	7.5	24.10	7.2	0.44	128
2:32	7.6	25.12	7.2	0.41	123
2:32	7.9	25.16	7.2	0.40	126
2:32	8.1	25.60	7.2	0.37	127
2:32	8.2	25.59	7.2	0.35	126
2:32	8.4	25.50	7.3	0.33	125
2:32	8.6	25.75	7.3	0.33	124
2:32	8.7	25.85	7.3	0.27	122
2:32	8.9	25.82	7.3	0.26	121
2:33	9.2	25.77	7.3	0.25	121
2:33	9.4	25.75	7.3	0.23	123
2:33	9.5	25.81	7.3	0.28	136
2:33	9.4	25.99	7.3	0.27	133
2:33	9.5	25.93	7.3	0.28	130
2:33	9.5	25.95	7.3	0.27	137
2:33	9.5	25.96	7.3	0.29	134
2:33	9.4	25.81	7.3	0.27	133
2:33	9.5	25.97	7.3	0.26	130
2:33	9.5	25.90	7.3	0.27	126
2:33	9.5	25.94	7.3	0.29	132

PROFILES AT STEVESTON BEND (* = Plotted Value)

23 MAR 1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
3:00	0.8	3.32	5.5	0.54		299
3:00	0.7	3.33	5.5	0.54		299
3:00	0.8	3.30	5.4	0.54		298
3:00	0.7	3.29	5.4	0.54		299
3:00	0.8	3.29	5.4	0.54		299
3:00	0.8	3.26	5.4	0.54		299
3:00	0.8	3.28	5.4	0.56		299
3:00	0.7	3.28	5.4	0.54		299
3:00	0.7	3.27	5.4	0.54		299
3:00	0.8	3.24	5.4	0.54		299
3:00	0.8	3.27	5.4	0.54		298
3:00	0.8	3.23	5.4	0.55		298
3:00	0.7	3.22	5.4	0.55		299
3:00	0.9	3.48	5.5	0.47		302
3:00	1.1	3.75	5.6	0.40		293
3:00	1.4	4.01	5.6	0.40		303
3:00	1.7	4.51	5.7	0.41		306
3:00	2.0	5.27	5.7	0.35		299
3:00	2.3	5.89	5.8	0.31		300
3:01	2.5	7.47	5.9	0.27		296
3:01	2.9	7.70	5.9	0.20		295
3:01	3.2	8.05	5.9	0.15		281
3:01	3.5	8.36	5.9	0.12		278
3:01	3.9	8.65	6.0	0.10		259
3:01	4.2	8.82	6.0	0.04		281
3:01	4.6	9.50	6.0	0.01	021	
3:01	4.8	10.22	6.1	0.05	089	
3:01	5.2	11.24	6.2	0.11	161	
3:01	5.5	13.34	6.4	0.22	125	
3:01	5.8	16.80	6.6	0.40	141	
3:01	6.2	21.76	7.0	0.51	146	
3:01	6.5	22.72	7.1	0.57	142	
3:01	6.6	23.40	7.1	0.55	142	
3:01	6.9	23.52	7.1	0.58	138	
3:01	7.3	24.74	7.2	0.53	129	
3:01	7.5	26.27	7.3	0.47	127	
3:01	7.8	26.49	7.3	0.44	125	
3:01	8.1	26.28	7.3	0.41	119	
3:01	8.5	26.43	7.3	0.37	120	
3:02	8.8	26.52	7.3	0.34	125	
3:02	9.2	27.04	7.3	0.30	129	
3:02	9.5	27.19	7.3	0.25	120	
3:02	9.5	27.15	7.3	0.22	122	
3:02	9.5	27.04	7.3	0.22	118	
3:02	9.4	26.96	7.3	0.23	124	
3:02	9.5	27.04	7.3	0.25	127	

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
3:30	0.7	3.97	5.5	0.30		296
3:30	0.7	3.96	5.5	0.33		301
3:30	0.7	3.95	5.5	0.34		297
3:30	0.7	3.96	5.5	0.31		295
3:30	0.7	3.96	5.5	0.31		299
3:30	0.7	3.95	5.5	0.32		302
3:30	0.7	3.96	5.5	0.31		297
3:30	0.7	3.95	5.5	0.31		299
3:30	0.7	3.96	5.5	0.31		297
3:30	0.7	3.96	5.5	0.28		296
3:30	0.7	4.00	5.5	0.27		296
3:30	0.9	4.12	5.6	0.27		292
3:30	1.1	4.21	5.6	0.26		303
3:30	1.2	4.28	5.6	0.26		299
3:30	1.4	4.71	5.7	0.22		301
3:30	1.6	5.11	5.7	0.26		296
3:30	1.8	5.39	5.7	0.23		294
3:30	2.0	5.58	5.7	0.20		293
3:30	2.2	5.83	5.8	0.19		294
3:30	2.4	6.12	5.8	0.15		303
3:31	2.6	6.43	5.8	0.10		317
3:31	2.9	6.69	5.8	0.10		313
3:31	3.1	6.97	5.8	0.11		320
3:31	3.3	7.35	5.9	0.06		359
3:31	3.5	8.10	5.9	0.09	042	
3:31	3.7	8.12	5.9	0.14	064	
3:31	3.9	8.88	6.0	0.15	079	
3:31	4.1	9.60	6.1	0.14	103	
3:31	4.4	10.30	6.2	0.16	116	
3:31	4.6	10.62	6.2	0.16	127	
3:31	4.8	12.18	6.3	0.26	134	
3:31	5.0	14.68	6.5	0.32	147	
3:31	5.3	17.90	6.7	0.43	146	
3:31	5.5	19.65	6.8	0.52	141	
3:31	5.7	21.78	7.0	0.63	138	
3:31	5.8	22.44	7.0	0.64	137	
3:31	6.0	22.65	7.1	0.64	139	
3:31	6.2	23.02	7.1	0.65	142	
3:31	6.5	23.47	7.1	0.59	138	
3:31	6.7	24.25	7.2	0.52	134	
3:31	6.8	25.36	7.2	0.46	131	
3:32	7.1	25.75	7.3	0.37	134	
3:32	7.3	26.65	7.4	0.33	131	
3:32	7.5	26.86	7.4	0.32	129	
3:32	7.8	27.20	7.4	0.28	123	
3:32	8.0	27.12	7.4	0.30	130	

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
3:32	8.2	27.42	7.4	0.31	127
3:32	8.5	27.18	7.4	0.34	132
3:32	8.7	27.06	7.4	0.34	131
3:32	8.9	27.15	7.4	0.31	131
3:32	9.1	27.06	7.4	0.31	131
3:32	9.4	27.12	7.4	0.33	133
3:32	9.5	27.34	7.4	0.32	125
3:32	9.8	27.45	7.4	0.24	123
3:32	9.8	27.34	7.4	0.26	134
3:32	9.8	27.17	7.4	0.23	127
3:32	9.8	27.21	7.4	0.25	125
3:32	9.9	27.17	7.4	0.29	125
3:32	9.8	27.43	7.4	0.32	124
3:32	9.8	27.47	7.4	0.32	123
3:32	9.8	27.48	7.4	0.32	126
3:32	9.9	27.33	7.4	0.32	126

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
4:00		0.8	4.85	5.7	0.09		281
4:00		0.8	4.68	5.7	0.08		310
4:00		0.8	4.55	5.6	0.08		301
4:00		0.8	4.44	5.6	0.08		300
4:00		0.8	4.39	5.6	0.10		290
4:00	*	0.8	4.38	5.6	0.08		297
4:00		0.8	4.35	5.6	0.12		292
4:00		0.8	4.33	5.6	0.09		285
4:00		0.9	4.32	5.6	0.08		303
4:00		0.8	4.35	5.6	0.05		291
4:00		0.8	4.35	5.6	0.08		306
4:00		0.8	4.39	5.6	0.08		316
4:00		0.8	4.72	5.7	0.07		351
4:00		1.0	5.06	5.7	0.04		343
4:00		1.3	5.46	5.7	0.04		278
4:00		1.5	5.98	5.8	0.08		282
4:00		1.8	6.03	5.8	0.06		265
4:00		2.0	6.74	5.8	0.06		271
4:00		2.3	6.91	5.8	0.04		259
4:01		2.5	7.36	5.9	0.02		194
4:01		2.8	7.40	5.9	0.03	130	
4:01		3.0	7.68	5.9	0.13	111	
4:01		3.2	8.27	6.0	0.12	144	
4:01		3.4	8.71	6.0	0.15	158	
4:01	*	3.8	10.49	6.2	0.28	159	
4:01		4.0	13.44	6.4	0.40	160	
4:01		4.3	15.20	6.5	0.47	179	
4:01		4.5	15.59	6.5	0.53	178	
4:01		4.8	17.97	6.7	0.58	179	
4:01		5.0	19.00	6.8	0.65	175	
4:01		5.3	20.41	6.9	0.71	165	
4:01		5.4	20.64	6.9	0.74	161	
4:01		5.7	20.58	6.9	0.75	159	
4:01		6.0	21.71	7.0	0.78	160	
4:01		6.2	22.16	7.0	0.79	154	
4:01		6.6	22.17	7.0	0.76	154	
4:01	*	6.8	22.47	7.0	0.73	148	
4:01		7.0	24.74	7.2	0.63	140	
4:01		7.3	26.04	7.3	0.48	142	
4:01		7.5	25.49	7.2	0.42	143	
4:02		7.8	27.51	7.4	0.36	145	
4:02		8.2	27.77	7.4	0.35	144	
4:02		8.5	27.84	7.4	0.34	138	
4:02		8.7	28.01	7.4	0.35	143	
4:02		9.0	28.04	7.4	0.34	141	
4:02		9.3	28.00	7.4	0.31	144	

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
4:02	9.6	27.99	7.4	0.27	149	
4:02	9.9	28.01	7.4	0.27	144	
4:02	10.1	28.03	7.4	0.21	141	
4:02	10.3	28.00	7.4	0.29	136	
4:02	10.3	28.01	7.4	0.28	132	
4:02	10.3	27.98	7.4	0.30	131	
4:02	10.3	28.03	7.4	0.28	129	
4:02	10.3	28.02	7.4	0.24	143	
4:02	10.3	27.99	7.4	0.22	149	
4:02	10.3	27.99	7.4	0.23	145	
4:02	* 10.3	28.04	7.4	0.20	152	
4:02	10.3	28.01	7.4	0.18	146	
4:02	10.3	28.00	7.4	0.17	144	
4:02	10.3	28.05	7.4	0.16	161	

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
4:30	0.7	4.77	5.6	0.12	084
4:30	0.7	4.85	5.6	0.13	095
4:30	0.7	4.94	5.7	0.13	096
4:30	0.7	4.97	5.7	0.12	106
4:30	0.7	4.99	5.7	0.12	111
4:30	0.8	4.98	5.7	0.12	103
4:30	0.7	5.01	5.7	0.11	109
4:30	0.7	4.96	5.7	0.12	110
4:30	0.7	4.78	5.6	0.16	105
4:30	0.7	4.76	5.6	0.12	104
4:30	0.8	4.84	5.6	0.12	115
4:30	1.0	4.99	5.7	0.06	102
4:30	1.1	5.01	5.7	0.14	124
4:30	1.3	5.08	5.7	0.12	149
4:30	1.6	5.15	5.7	0.14	116
4:30	1.8	5.21	5.7	0.13	130
4:30	2.0	5.33	5.7	0.20	122
4:30	2.2	6.13	5.8	0.26	102
4:30	2.4	7.23	5.9	0.34	097
4:30	2.7	9.70	6.1	0.33	086
4:31	2.9	10.66	6.1	0.35	091
4:31	3.1	10.82	6.1	0.37	093
4:31	3.4	11.32	6.2	0.40	095
4:31	3.5	11.84	6.2	0.43	096
4:31	3.7	12.64	6.2	0.49	101
4:31	4.0	13.64	6.3	0.54	110
4:31	4.2	15.47	6.5	0.56	113
4:31	4.4	16.99	6.6	0.58	114
4:31	4.7	17.68	6.6	0.63	115
4:31	4.9	18.38	6.7	0.73	107
4:31	5.0	18.96	6.8	0.78	104
4:31	5.3	19.67	6.8	0.81	106
4:31	5.5	19.73	6.8	0.82	105
4:31	5.6	20.27	6.9	0.85	109
4:31	5.9	20.60	6.9	0.88	103
4:31	6.2	20.67	6.9	0.88	109
4:31	6.4	21.04	7.0	0.84	105
4:31	6.6	23.20	7.1	0.79	108
4:31	6.9	23.81	7.2	0.76	111
4:31	7.0	25.20	7.3	0.77	096
4:31	7.4	25.96	7.3	0.73	122
4:32	7.6	26.82	7.4	0.75	112
4:32	7.8	27.00	7.4	0.69	096
4:32	8.0	27.25	7.4	0.65	118
4:32	8.3	27.30	7.4	0.62	103
4:32	8.5	27.52	7.4	0.62	122

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
4:32	8.7	27.61	7.4	0.61	115	
4:32	8.9	27.61	7.4	0.58	108	
4:32	9.2	27.80	7.4	0.51	108	
4:32	9.4	27.66	7.4	0.49	105	
4:32	9.7	27.74	7.4	0.48	106	
4:32	9.9	27.78	7.4	0.45	109	
4:32	10.1	27.77	7.4	0.42	115	
4:32	10.3	27.85	7.4	0.41	107	
4:32	10.6	27.90	7.4	0.37	112	
4:32	10.8	27.86	7.4	0.35	102	
4:32	10.9	27.89	7.4	0.35	117	
4:32	10.9	27.86	7.4	0.31	104	
4:32	10.9	27.86	7.4	0.35	102	
4:32	10.9	27.81	7.4	0.35	105	
4:32	10.9	27.89	7.4	0.37	121	
4:32	10.9	27.85	7.4	0.38	114	
4:33	10.9	27.86	7.4	0.38	119	
4:33	10.9	27.86	7.4	0.39	124	
4:33	10.9	27.84	7.4	0.41	114	
4:33	10.9	27.89	7.4	0.39	112	
4:33	10.9	27.83	7.4	0.36	109	

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
5:00	0.8	4.47	5.6	0.03		193
5:00	0.8	4.43	5.6	0.03		194
5:00	0.9	4.48	5.6	0.01	176	
5:00	0.8	4.48	5.6	0.02	165	
5:00	0.8	4.43	5.6	0.01	139	
5:00	0.9	4.47	5.5	0.05	184	
5:00	0.8	4.45	5.6	0.02	107	
5:00	0.9	4.49	5.6	0.03	167	
5:00	0.8	4.47	5.6	0.03	098	
5:00	0.8	4.49	5.6	0.03	149	
5:00	0.8	4.48	5.6	0.03	060	
5:00	0.9	4.47	5.6	0.01	092	
5:00	1.2	4.54	5.5	0.03	097	
5:00	1.5	4.55	5.5	0.05	114	
5:00	1.7	5.19	5.6	0.04	098	
5:00	1.9	6.48	5.8	0.22	090	
5:00	2.3	8.62	6.1	0.39	091	
5:00	2.5	11.03	6.2	0.45	080	
5:00	2.8	12.37	6.2	0.44	087	
5:01	3.1	13.65	6.4	0.51	102	
5:01	3.3	16.82	6.6	0.55	107	
5:01	3.5	17.88	6.7	0.59	108	
5:01	3.8	18.42	6.7	0.58	111	
5:01	4.0	18.79	6.7	0.60	113	
5:01	4.3	19.07	6.8	0.63	111	
5:01	4.6	19.31	6.8	0.67	107	
5:01	4.9	19.33	6.8	0.73	103	
5:01	5.1	19.56	6.8	0.76	105	
5:01	5.4	19.72	6.8	0.80	104	
5:01	5.6	20.14	6.9	0.81	110	
5:01	5.9	20.43	6.9	0.80	109	
5:01	6.1	20.65	6.9	0.81	111	
5:01	6.3	21.02	6.9	0.79	112	
5:01	6.5	23.09	7.1	0.72	110	
5:01	6.8	25.10	7.3	0.69	113	
5:01	7.0	26.21	7.3	0.72	114	
5:01	7.3	26.46	7.4	0.67	111	
5:01	7.5	26.52	7.4	0.67	113	
5:01	7.8	26.58	7.4	0.64	112	
5:01	8.0	27.14	7.4	0.63	112	
5:02	8.2	27.15	7.4	0.57	109	
5:02	8.5	27.39	7.4	0.54	109	
5:02	8.7	27.53	7.4	0.54	109	
5:02	8.9	27.27	7.4	0.51	108	
5:02	9.2	27.41	7.4	0.53	110	
5:02	9.5	27.49	7.4	0.46	107	

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
5:02	9.9	27.81	7.4	0.49	105	
5:02	10.2	27.78	7.4	0.42	106	
5:02	10.4	27.83	7.4	0.41	111	
5:02	10.7	27.79	7.4	0.43	114	
5:02	10.9	27.78	7.4	0.42	114	
5:02	11.1	27.79	7.4	0.41	108	
5:02	11.4	27.80	7.4	0.38	085	
5:02	11.4	27.79	7.4	0.40	106	
5:02	11.4	27.77	7.4	0.43	111	
5:02	11.4	27.81	7.4	0.43	109	
5:02	11.4	27.81	7.4	0.41	111	
5:02	11.4	27.80	7.4	0.43	111	
5:02	11.4	27.80	7.4	0.38	118	
5:03	11.4	27.82	7.4	0.36	132	
5:03	11.4	27.82	7.4	0.39	108	
5:03	11.4	27.82	7.4	0.41	127	
5:03	11.4	27.81	7.4	0.41	114	
5:03	11.4	27.83	7.4	0.38	109	

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
5:30		0.9	4.88	5.6	0.17	102	
5:30		0.9	4.90	5.6	0.20	097	
5:30		0.9	4.91	5.6	0.20	105	
5:30	*	0.9	4.92	5.6	0.20	101	
5:30		0.9	4.98	5.6	0.20	106	
5:30		0.9	5.05	5.6	0.20	102	
5:30		0.9	5.16	5.7	0.21	103	
5:30		0.9	5.15	5.6	0.21	104	
5:30		0.9	5.12	5.6	0.19	109	
5:30		0.9	5.05	5.6	0.19	104	
5:30		0.9	5.04	5.6	0.21	109	
5:30		0.9	5.24	5.7	0.20	104	
5:30		0.9	5.45	5.7	0.21	108	
5:30		1.0	5.77	5.8	0.25	109	
5:30		1.2	6.40	5.8	0.29	097	
5:30		1.4	7.91	5.9	0.37	096	
5:30		1.6	11.50	6.3	0.50	092	
5:30		1.8	14.05	6.5	0.51	096	
5:30		2.1	14.86	6.5	0.50	092	
5:31		2.1	14.83	6.5	0.50	097	
5:31		2.4	14.95	6.5	0.47	100	
5:31		2.6	15.23	6.5	0.41	099	
5:31		2.8	15.81	6.5	0.38	105	
5:31		3.0	16.70	6.6	0.41	110	
5:31		3.3	19.06	6.8	0.46	115	
5:31		3.5	19.79	6.9	0.51	112	
5:31		3.7	20.13	6.9	0.55	111	
5:31	*	3.9	20.14	6.9	0.54	111	
5:31		4.1	20.29	6.9	0.56	112	
5:31		4.4	20.37	6.9	0.59	110	
5:31		4.6	20.41	6.9	0.62	109	
5:31		4.9	20.67	6.9	0.65	109	
5:31		5.0	20.82	6.9	0.67	108	
5:31		5.3	21.23	7.0	0.72	108	
5:31		5.5	21.92	7.0	0.77	109	
5:31		5.7	21.99	7.0	0.82	108	
5:31		5.9	22.19	7.1	0.82	110	
5:31		6.1	22.44	7.1	0.82	112	
5:31		6.3	22.63	7.1	0.83	110	
5:31		6.6	23.49	7.2	0.77	108	
5:32		6.8	24.58	7.2	0.71	106	
5:32		7.0	25.18	7.3	0.65	109	
5:32		7.3	26.51	7.4	0.62	106	
5:32		7.5	26.76	7.4	0.59	107	
5:32		7.8	26.88	7.4	0.59	105	
5:32	*	8.0	27.09	7.4	0.54	104	

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
5:32	8.2	27.34	7.4	0.55	104	
5:32	8.5	27.66	7.4	0.53	099	
5:32	8.7	27.73	7.4	0.48	103	
5:32	9.0	27.82	7.4	0.50	106	
5:32	9.2	27.85	7.4	0.48	102	
5:32	9.5	27.87	7.4	0.44	101	
5:32	9.7	27.84	7.4	0.45	103	
5:32	9.9	27.86	7.4	0.46	105	
5:32	10.2	27.88	7.4	0.42	100	
5:32	10.4	27.87	7.4	0.44	102	
5:32	10.7	27.91	7.4	0.42	105	
5:32	10.9	27.91	7.4	0.39	105	
5:32	11.2	27.93	7.4	0.33	105	
5:32	11.4	27.93	7.4	0.33	108	
5:32	11.6	27.93	7.4	0.35	104	
5:33	11.9	27.94	7.4	0.33	109	
5:33	12.1	27.92	7.4	0.34	111	
5:33	12.3	27.94	7.4	0.31	097	
5:33	12.3	27.95	7.4	0.40	101	
5:33	12.3	27.94	7.4	0.37	107	
5:33	12.3	27.96	7.4	0.31	109	
5:33	12.3	27.95	7.4	0.26	111	
5:33	* 12.3	27.95	7.4	0.26	110	
5:33	12.3	27.94	7.4	0.25	110	
5:33	12.3	27.95	7.4	0.22	112	
5:33	12.3	27.95	7.4	0.26	104	
5:33	12.3	27.95	7.4	0.30	107	

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
6:00	0.9	5.38	5.5	0.09	105	
6:00	0.9	5.39	5.5	0.09	098	
6:00	0.9	5.38	5.5	0.09	092	
6:00	0.9	5.37	5.5	0.10	097	
6:00	0.9	5.36	5.5	0.09	088	
6:00	0.9	5.36	5.5	0.09	100	
6:00	0.9	5.35	5.5	0.09	078	
6:00	0.9	5.34	5.5	0.09	096	
6:00	0.9	5.34	5.5	0.10	077	
6:00	0.9	5.34	5.5	0.10	094	
6:00	0.9	5.35	5.5	0.10	086	
6:00	1.0	5.36	5.5	0.08	092	
6:00	1.2	5.39	5.4	0.08	092	
6:00	1.3	5.69	5.7	0.18	107	
6:00	1.5	6.37	5.8	0.24	117	
6:00	1.6	7.57	6.0	0.23	102	
6:00	1.8	8.32	6.0	0.29	110	
6:00	2.0	12.60	6.5	0.34	100	
6:00	2.3	13.84	6.5	0.41	100	
6:01	2.5	14.45	6.5	0.46	101	
6:01	2.7	15.14	6.6	0.48	097	
6:01	2.9	15.68	6.6	0.49	101	
6:01	3.1	15.98	6.6	0.49	104	
6:01	3.3	16.08	6.6	0.52	106	
6:01	3.5	16.16	6.6	0.50	104	
6:01	3.8	16.19	6.6	0.44	106	
6:01	4.0	16.41	6.6	0.43	106	
6:01	4.3	16.63	6.6	0.39	113	
6:01	4.5	17.27	6.7	0.34	111	
6:01	4.8	20.02	7.0	0.47	113	
6:01	5.0	21.77	7.0	0.54	111	
6:01	5.3	22.05	7.1	0.54	109	
6:01	5.5	22.19	7.1	0.57	111	
6:01	5.8	22.24	7.1	0.59	112	
6:01	6.0	22.38	7.1	0.59	113	
6:01	6.3	22.32	7.1	0.61	111	
6:01	6.5	22.75	7.1	0.70	104	
6:01	6.7	23.43	7.1	0.76	105	
6:01	6.9	24.46	7.2	0.73	106	
6:01	7.2	25.68	7.3	0.68	110	
6:02	7.6	25.84	7.3	0.63	104	
6:02	7.8	26.70	7.3	0.56	103	
6:02	8.0	26.67	7.4	0.55	100	
6:02	8.3	26.95	7.4	0.51	103	
6:02	8.5	27.16	7.4	0.46	098	
6:02	8.8	27.46	7.4	0.47	098	

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
6:02	9.1	28.15	7.4	0.41	096	
6:02	9.4	28.02	7.4	0.43	097	
6:02	9.7	28.34	7.4	0.40	095	
6:02	10.0	28.35	7.4	0.40	095	
6:02	10.2	28.23	7.4	0.38	099	
6:02	10.5	28.33	7.4	0.35	100	
6:02	10.7	28.30	7.4	0.35	096	
6:02	11.0	28.36	7.4	0.37	102	
6:02	11.3	28.38	7.4	0.35	103	
6:02	11.6	28.40	7.4	0.35	103	
6:02	11.8	28.32	7.4	0.36	103	
6:02	12.0	28.32	7.4	0.29	105	
6:02	12.0	28.35	7.4	0.40	106	
6:02	12.0	28.34	7.4	0.37	104	
6:03	12.0	28.34	7.4	0.37	111	
6:03	12.0	28.32	7.4	0.33	107	
6:03	12.0	28.32	7.4	0.30	108	
6:03	12.0	28.33	7.4	0.27	114	
6:03	12.0	28.32	7.4	0.35	110	

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
6:30	0.8	7.90	5.7	0.26	097	
6:30	0.7	7.88	5.7	0.24	096	
6:30	0.8	8.01	5.8	0.24	098	
6:30	0.7	8.07	5.8	0.25	092	
6:30	0.7	7.79	5.7	0.25	094	
6:30	0.7	7.74	5.7	0.24	090	
6:30	0.7	7.69	5.7	0.24	094	
6:30	0.7	9.74	6.1	0.23	096	
6:30	1.0	14.58	6.6	0.23	093	
6:30	1.4	16.99	6.7	0.28	100	
6:30	1.8	17.19	6.7	0.31	100	
6:30	2.2	17.20	6.7	0.31	110	
6:30	2.6	17.25	6.7	0.31	107	
6:31	2.9	17.32	6.7	0.24	100	
6:31	3.3	17.37	6.7	0.27	108	
6:31	3.7	17.39	6.7	0.20	106	
6:31	4.5	20.15	6.9	0.25	118	
6:31	4.9	21.84	7.0	0.34	115	
6:31	5.3	22.70	7.1	0.39	110	
6:31	5.6	23.20	7.1	0.49	108	
6:31	6.0	23.38	7.1	0.51	110	
6:31	6.4	23.67	7.1	0.55	111	
6:31	6.8	23.67	7.1	0.61	111	
6:31	7.0	23.67	7.1	0.64	111	
6:31	7.2	24.08	7.2	0.63	106	
6:31	7.6	25.84	7.3	0.57	103	
6:31	7.9	26.97	7.4	0.50	101	
6:31	8.3	27.35	7.4	0.44	102	
6:31	8.6	28.36	7.4	0.38	100	
6:31	8.9	28.62	7.4	0.38	098	
6:31	9.3	28.38	7.4	0.37	097	
6:31	9.6	28.34	7.4	0.36	099	
6:31	10.0	28.30	7.4	0.36	100	
6:32	10.3	28.79	7.4	0.37	100	
6:32	10.5	28.47	7.4	0.37	099	
6:32	11.0	28.37	7.4	0.34	102	
6:32	11.3	28.76	7.4	0.31	118	
6:32	11.7	28.37	7.4	0.31	113	
6:32	11.8	28.51	7.4	0.30	109	
6:32	11.9	28.51	7.4	0.28	112	
6:32	11.8	28.42	7.4	0.26	111	
6:32	11.9	28.77	7.4	0.32	117	
6:32	11.8	28.39	7.4	0.30	120	
6:32	11.9	28.67	7.4	0.28	125	
6:32	11.9	28.70	7.4	0.32	123	
6:32	11.9	28.42	7.4	0.33	116	

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

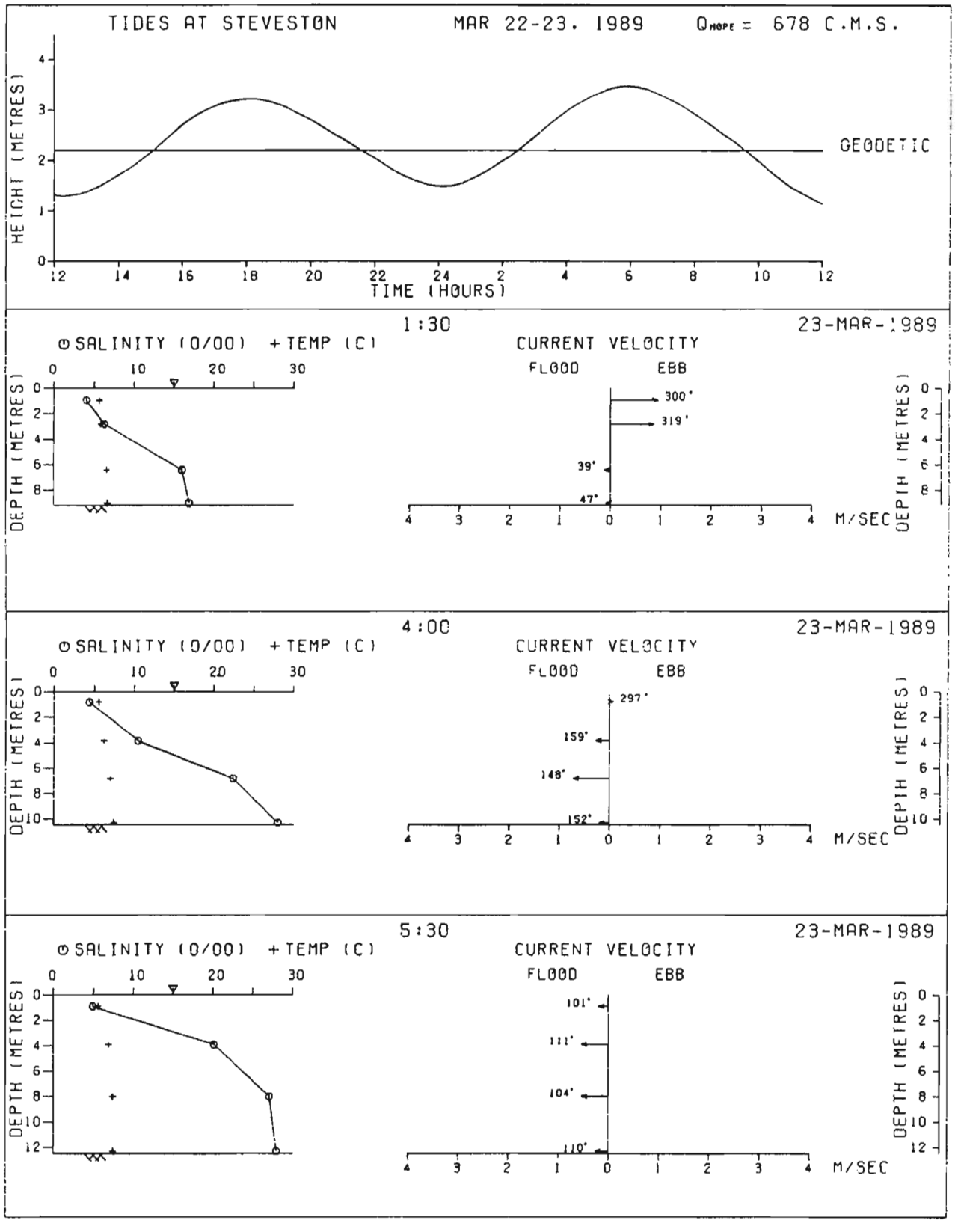
TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
7:00	0.8	9.27	5.9	0.07	026
7:00	0.8	9.32	5.9	0.08	054
7:00	0.7	9.73	5.9	0.12	044
7:00	0.7	9.78	5.9	0.14	028
7:00	0.7	10.14	6.0	0.12	014
7:00	0.8	10.45	6.0	0.12	022
7:00	0.8	10.71	6.1	0.15	036
7:00	0.7	10.94	6.1	0.14	034
7:00	0.7	12.44	6.3	0.15	041
7:00	0.8	12.86	6.2	0.11	043
7:00	0.7	12.77	6.2	0.10	056
7:00	0.7	14.22	6.5	0.12	073
7:00	1.0	16.03	6.7	0.19	087
7:00	1.2	16.97	6.7	0.22	089
7:00	1.5	17.24	6.7	0.22	097
7:00	1.7	17.59	6.7	0.19	093
7:00	2.0	17.43	6.7	0.17	085
7:00	2.3	17.50	6.7	0.18	099
7:01	2.6	17.64	6.7	0.15	103
7:01	2.8	17.73	6.7	0.14	095
7:01	3.0	18.10	6.7	0.17	121
7:01	3.4	20.51	6.9	0.28	122
7:01	3.6	22.07	7.0	0.34	120
7:01	4.0	23.05	7.1	0.33	119
7:01	4.2	22.99	7.1	0.34	119
7:01	4.6	23.55	7.1	0.35	119
7:01	4.9	23.51	7.1	0.38	118
7:01	5.2	23.72	7.1	0.38	117
7:01	5.5	23.44	7.1	0.40	115
7:01	5.9	23.74	7.1	0.37	114
7:01	6.1	23.95	7.1	0.36	115
7:01	6.5	23.96	7.1	0.35	113
7:01	6.9	25.25	7.3	0.35	115
7:01	7.3	26.80	7.3	0.37	112
7:01	7.6	27.85	7.4	0.35	113
7:01	8.0	27.95	7.4	0.34	105
7:01	8.4	28.26	7.4	0.27	104
7:01	8.8	28.53	7.4	0.25	097
7:02	9.2	28.71	7.4	0.26	094
7:02	9.7	28.72	7.4	0.23	086
7:02	10.2	28.79	7.4	0.22	085
7:02	10.6	28.71	7.4	0.20	085
7:02	11.0	28.73	7.4	0.20	078
7:02	11.3	28.72	7.4	0.22	084
7:02	11.6	28.73	7.4	0.16	106
7:02	11.7	28.75	7.4	0.17	094

PROFILES AT STEVESTON BEND (* = Plotted Value)

23-MAR-1989 RIVER DISCHARGE AT HOPE = 678 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
7:02	11.6	28.75	7.4	0.19	105	
7:02	11.7	28.73	7.4	0.19	105	
7:02	11.6	28.76	7.4	0.18	116	
7:02	11.6	28.74	7.4	0.19	108	
7:02	11.7	28.74	7.4	0.19	114	
7:02	11.6	28.76	7.4	0.21	109	
7:02	11.7	28.78	7.4	0.27	099	
7:02	11.7	28.76	7.4	0.23	108	
7:02	11.7	28.76	7.4	0.22	099	
7:02	11.6	28.78	7.4	0.22	107	

PROFILES AT STEVESTON BEND



PROFILES AT STEVESTON (* = Plotted Value)

17-MAY-1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
14:02		0.4	1.00	11.1	0.15		319
14:02		0.5	1.00	11.1	0.54		315
14:02		0.5	1.00	11.1	0.31		321
14:02	*	0.6	1.00	11.1	0.42		314
14:02		0.9	1.00	11.1	0.19		312
14:02		1.3	1.00	11.1	0.13		301
14:02		1.7	1.00	11.1	0.43		333
14:02		2.1	1.00	11.1	0.50		332
14:02		2.5	1.00	11.1	0.31		311
14:02	*	2.8	1.00	11.1	0.43		338
14:02		3.2	1.00	11.1	0.52		296
14:02		3.7	1.00	11.1	0.33		321
14:02		4.0	1.00	11.1	0.61		318
14:02		4.4	1.00	11.1	0.71		328
14:02	*	4.8	1.00	11.1	0.77		312
14:03		5.1	1.00	11.1	0.79		305
14:03		5.6	1.00	11.1	0.79		316
14:03		6.1	1.00	11.1	0.68		310
14:03		6.6	1.00	11.1	0.54		281
14:03		6.7	1.00	11.1	0.75		294
14:03		6.7	1.00	11.1	0.61		311
14:03	*	6.7	1.00	11.1	0.65		306
14:03		6.7	1.00	11.1	0.91		297

PROFILES AT STEVESTON (* = Plotted Value)

17-MAY-1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
14:59	1.5	1.00	11.1	0.38	289
14:59	2.2	1.00	11.1	0.07	297
14:59	2.9	1.00	11.1	0.10	291
14:59	3.4	1.00	11.1	0.29	318
14:59	4.0	1.00	11.1	0.48	278
14:59	4.6	1.00	11.1	0.58	300
14:59	5.2	1.00	11.1	0.61	277
14:59	5.7	1.00	11.1	0.59	274
14:59	6.4	1.00	11.1	0.80	285
14:59	6.9	1.00	11.1	0.43	310
14:59	7.3	1.00	11.1	0.40	303
15:00	7.5	1.00	11.1	0.29	311
15:00	7.4	1.00	11.1	0.28	297
15:00	7.4	1.00	11.1	0.55	293
15:00	7.4	1.00	11.1	0.33	297
15:00	7.4	1.00	11.1	0.26	317
15:00	7.4	1.00	11.1	0.52	295
15:00	7.4	1.00	11.1	0.35	291
15:00	7.4	1.00	11.1	0.26	298
15:00	7.4	1.00	11.1	0.29	320
15:00	7.4	1.00	11.1	0.54	293
15:00	7.4	1.00	11.1	0.42	279
15:00	7.3	1.00	11.1	0.43	289
15:00	7.1	1.00	11.1	0.49	303
15:00	6.9	1.00	11.1	0.57	294

PROFILES AT STEVESTON (* = Plotted Value)

17-MAY-1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
16:59	1.3	1.00	11.1	0.12		312
16:59	1.7	1.00	11.1	0.13		330
16:59	2.3	1.00	11.0	0.13		351
16:59	2.8	1.00	11.0	0.17		293
16:59	3.4	1.00	11.0	0.24		339
16:59	3.9	1.00	11.0	0.27		306
16:59	4.4	1.00	11.0	0.24		299
16:59	4.9	1.00	11.0	0.22		320
17:00	5.4	1.00	11.0	0.23		336
17:00	6.0	1.00	11.0	0.25		314
17:00	6.5	1.00	11.0	0.26		298
17:00	7.0	1.00	11.0	0.23		302
17:00	7.5	1.00	11.0	0.19		297
17:00	8.0	1.00	11.0	0.11		259
17:00	8.4	1.00	11.0	0.05		236
17:00	8.9	1.00	11.0	0.22	025	
17:00	9.0	1.00	11.0	0.07		216
17:00	9.0	1.00	11.0	0.08		260
17:00	9.0	1.00	11.0	0.06		257
17:00	9.0	1.00	11.0	0.09		264
17:00	9.0	1.00	11.0	0.20		356
17:00	9.0	1.00	11.0	0.12		269
17:00	9.0	1.00	11.0	0.04	160	
17:00	9.0	1.00	11.0	0.17	053	
17:00	9.0	1.00	11.0	0.09		274
17:00	9.0	1.00	11.0	0.10		280
17:00	9.0	1.00	11.0	0.12		245

PROFILES AT STEVESTON (* = Plotted Value)

17-MAY-1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
17:29	0.3	1.00	11.1	0.02		267
17:29	0.3	1.00	11.1	0.07		324
17:29	0.3	1.00	11.1	0.12		322
17:29	0.3	1.00	11.1	0.28		321
17:29	0.3	1.00	11.1	0.12		317
17:29	0.3	1.00	11.1	0.09		316
17:29	0.3	1.00	11.1	0.07		014
17:30	0.5	1.00	11.1	0.16	066	
17:30	0.9	1.00	11.1	0.15	090	
17:30	1.4	1.00	11.1	0.14		006
17:30	1.8	1.00	11.1	0.01		346
17:30	2.3	1.00	11.0	0.27		325
17:30	2.7	1.00	11.1	0.15		337
17:30	3.2	1.00	11.0	0.22		320
17:30	3.7	1.00	11.0	0.33		314
17:30	4.1	1.00	11.0	0.14		322
17:30	4.5	1.00	11.0	0.29		317
17:30	5.0	1.00	11.0	0.13		288
17:30	5.4	1.00	11.0	0.11		286
17:30	5.8	1.00	11.0	0.10		258
17:30	6.2	1.00	11.0	0.21		292
17:30	6.7	1.00	11.0	0.29		302
17:30	7.1	1.00	11.0	0.11	163	
17:30	7.5	1.00	11.0	0.12		278
17:30	8.0	1.00	11.0	0.09	198	
17:30	8.4	1.00	11.0	0.20		285
17:30	8.7	1.00	11.0	0.08		215
17:31	8.9	1.00	11.0	0.16	163	
17:31	8.8	1.00	11.0	0.12		007
17:31	8.9	1.00	11.0	0.17		252
17:31	8.8	1.00	11.0	0.13		258
17:31	8.9	1.00	11.0	0.12		265
17:31	8.9	1.00	11.0	0.12		267
17:31	8.8	1.00	11.0	0.12		275
17:31	8.9	1.00	11.0	0.12		262
17:31	8.8	1.00	11.0	0.11		256
17:31	8.8	1.00	11.0	0.11		259
17:31	8.8	1.00	11.0	0.11		256
17:31	8.8	1.00	11.0	0.10		254
17:31	8.8	1.00	11.0	0.10		244
17:31	8.8	1.00	11.0	0.10		265
17:31	8.8	1.00	11.0	0.08		249
17:31	8.9	1.00	11.0	0.15		312
17:31	8.8	1.00	11.0	0.05		281
17:31	8.9	1.00	11.0	0.09		265

PROFILES AT STEVESTON (* = Plotted Value)

17-MAY-1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
17:59	0.4	1.00	11.1	0.08		307
17:59	0.5	1.00	11.1	0.03		309
17:59	0.7	1.00	11.1	0.09		305
17:59	1.0	1.00	11.1	0.11		359
17:59	1.4	1.00	11.1	0.07		016
17:59	1.8	1.00	11.1	0.06	064	
17:59	2.2	1.00	11.1	0.33		312
17:59	2.6	1.00	11.1	0.20		315
17:59	3.0	1.00	11.0	0.29		307
17:59	3.4	1.00	11.0	0.02	129	
17:59	3.8	1.00	11.0	0.18		298
17:59	4.2	1.00	11.0	0.06		341
17:59	4.6	1.00	11.0	0.06	166	
17:59	5.0	1.00	11.0	0.16		290
18:00	5.4	1.00	11.0	0.23	136	
18:00	5.8	1.00	11.0	0.16		304
18:00	6.2	1.00	11.0	0.18		296
18:00	6.6	1.00	11.0	0.07		316
18:00	7.0	1.00	11.0	0.20		286
18:00	7.4	1.00	11.0	0.07		283
18:00	7.8	1.00	11.0	0.20		275
18:00	8.2	1.00	11.0	0.15		281
18:00	8.5	1.00	11.0	0.15		260
18:00	8.9	1.00	11.0	0.13	088	
18:00	8.9	1.00	11.0	0.11		235
18:00	8.9	1.00	11.0	0.14		218
18:00	8.9	1.00	11.0	0.16		250
18:00	8.9	1.00	11.0	0.12		254
18:00	8.9	1.00	11.0	0.14	156	
18:00	8.9	1.00	11.0	0.12	199	

PROFILES AT STEVESTON (* = Plotted Value)

17-MAY-1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:30	8.8	1.00	11.0	0.03		335
18:30	9.1	1.00	11.0	0.08		232
18:30	9.3	1.00	11.0	0.11		284
18:30	9.4	1.00	11.0	0.17		206
18:30	9.4	1.00	11.0	0.13		260
18:30	9.4	1.00	11.0	0.14		248
18:30	9.4	1.00	11.0	0.10	200	
18:31	9.4	1.00	11.0	0.11		258
18:31	9.4	1.00	11.0	0.11		257
18:31	9.4	1.00	11.0	0.11		267
18:31	9.2	1.00	11.0	0.09	166	
18:31	9.0	1.00	11.0	0.16		292
18:31	8.8	1.00	11.0	0.18		293
18:31	8.6	1.00	11.0	0.23		254
18:31	8.3	1.00	11.0	0.33		260
18:31	8.1	1.00	11.0	0.12		280
18:31	7.9	1.00	11.0	0.08		235
18:31	7.7	1.00	11.0	0.12		252
18:31	7.5	1.00	11.0	0.05		295
18:31	7.2	1.00	11.0	0.15		262
18:31	7.0	1.00	11.0	0.20		283
18:31	6.8	1.00	11.0	0.21		247
18:31	6.6	1.00	11.0	0.11		261
18:31	6.4	1.00	11.0	0.28		268
18:31	6.2	1.00	11.0	0.43		263
18:31	5.9	1.00	11.0	0.18		266
18:31	5.7	1.00	11.0	0.15		256
18:31	5.5	1.00	11.0	0.09		268
18:32	5.3	1.00	11.0	0.04		308
18:32	5.1	1.00	11.0	0.13		273
18:32	4.9	1.00	11.0	0.16		284
18:32	4.7	1.00	11.0	0.17		252
18:32	4.5	1.00	11.0	0.17		261
18:32	4.3	1.00	11.0	0.20		273
18:32	4.1	1.00	11.0	0.24		282
18:32	3.9	1.00	11.0	0.31		285
18:32	3.7	1.00	11.0	0.13		274
18:32	3.5	1.00	11.0	0.08		314
18:32	3.3	1.00	11.0	0.10		297
18:32	3.1	1.00	11.0	0.05		285
18:32	2.9	1.00	11.0	0.13		286
18:32	2.7	1.00	11.0	0.06		310
18:32	2.4	1.00	11.0	0.08	151	
18:32	2.2	1.00	11.0	0.02	098	
18:32	1.9	1.00	11.0	0.05		333
18:32	1.7	1.00	11.0	0.05		341

PROFILES AT STEVESTON (* = Plotted Value)

17-MAY-1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:32	1.5	1.00	11.0	0.04		007
18:32	1.3	1.00	11.0	0.09		291
18:32	1.1	1.00	11.0	0.15		335
18:33	0.9	1.00	11.0	0.14		314

PROFILES AT STEVESTON (* = Plotted Value)

17-MAY-1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
19:03	*	9.3	3.94	10.8	0.31	194	
19:03		9.3	3.50	10.9	0.30		203
19:03		9.0	3.00	10.9	0.70		243
19:03		8.7	2.29	10.9	0.56		229
19:03		8.2	1.00	11.0	0.30		212
19:03		7.8	1.00	11.0	0.10		245
19:03	*	7.2	1.00	11.1	0.11		297
19:03		6.8	1.00	11.1	0.12		260
19:03		6.3	1.00	11.1	0.42		260
19:03	*	5.7	1.00	11.1	0.08		310
19:03		5.2	1.00	11.1	0.10		237
19:03		4.7	1.00	11.1	0.19		270
19:03		4.4	1.00	11.1	0.18		316
19:03		4.4	1.00	11.1	0.22		291
19:03		4.4	1.00	11.1	0.14		307
19:04		4.4	1.00	11.1	0.17		306
19:04	*	4.4	1.00	11.1	0.19		293
19:04		4.4	1.00	11.1	0.22		314
19:04		4.4	1.00	11.1	0.14		323
19:04		4.4	1.00	11.1	0.13		303
19:04		4.4	1.00	11.1	0.25		333
19:04		4.4	1.00	11.1	0.22		300
19:04		4.4	1.00	11.1	0.25		310
19:04		4.4	1.00	11.1	0.28		283
19:04		4.4	1.00	11.1	0.17		297
19:04		4.4	1.00	11.1	0.25		301

PROFILES AT STEVESTON (* = Plotted Value)

17 MAY 1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
19:09	9.9	9.78	10.5	0.44	145	
19:09	9.9	9.42	10.5	0.46	143	
19:09	9.9	9.45	10.5	0.49	142	
19:09	9.9	8.89	10.5	0.47	149	
19:09	9.0	4.60	10.7	0.50	153	
19:09	8.4	2.64	10.9	0.50	192	
19:09	7.9	1.00	11.0	0.20		208
19:09	7.2	1.00	11.0	0.12		247
19:10	6.7	1.00	11.0	0.15		298
19:10	6.0	1.00	11.0	0.15		265
19:10	5.4	1.00	11.0	0.09	066	
19:10	4.8	1.00	11.0	0.05		339
19:10	4.2	1.00	11.0	0.26		310
19:10	3.6	1.00	11.0	0.07	040	
19:10	3.1	1.00	11.0	0.09	112	
19:10	3.1	1.00	11.0	0.09	175	
19:10	3.1	1.00	11.1	0.13		342
19:10	3.1	1.00	11.0	0.27		331
19:10	3.1	1.00	11.1	0.10		298

PROFILES AT STEVESTON (* = Plotted Value)

17-MAY-1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
19:18	9.4	10.28	10.4	0.55	139	
19:18	9.5	10.53	10.4	0.57	134	
19:18	9.5	10.30	10.5	0.55	137	
19:18	9.4	10.31	10.5	0.56	140	
19:18	9.5	10.29	10.5	0.59	142	
19:18	9.5	10.25	10.5	0.58	143	
19:18	9.4	10.16	10.5	0.52	148	
19:18	9.4	10.10	10.5	0.53	151	
19:18	9.4	10.22	10.5	0.65	140	
19:18	9.5	10.18	10.5	0.58	144	
19:18	9.5	10.31	10.5	0.65	138	
19:18	9.5	10.17	10.5	0.45	155	
19:18	9.3	9.92	10.5	0.63	146	
19:18	8.4	7.57	10.7	0.39	137	
19:18	7.8	6.30	10.7	0.18	145	
19:18	7.2	3.91	10.8	0.08	156	
19:19	6.6	2.63	10.9	0.06		226
19:19	6.0	1.00	11.0	0.12		274
19:19	5.4	1.00	11.1	0.18		275
19:19	4.8	1.00	11.1	0.33		256
19:19	4.2	1.00	11.1	0.07		002
19:19	3.8	1.00	11.1	0.19		267
19:19	3.8	1.00	11.1	0.17		274
19:19	3.9	1.00	11.1	0.09		318
19:19	3.8	1.00	11.1	0.10		276
19:19	3.8	1.00	11.1	0.06	148	

PROFILES AT STEVESTON (* = Plotted Value)

17-MAY-1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
19:23	9.5	13.57	10.3	0.57	142	
19:24	9.5	13.77	10.3	0.53	145	
19:24	9.4	10.39	10.5	0.66	146	
19:24	8.9	9.61	10.5	0.69	153	
19:24	8.5	7.91	10.6	0.47	151	
19:24	8.0	5.83	10.8	0.28	156	
19:24	7.5	4.57	10.8	0.13	186	
19:24	7.0	4.07	10.8	0.05		215
19:24	6.5	3.78	10.8	0.05		242
19:24	5.9	2.53	11.0	0.04		270
19:24	5.4	1.00	11.0	0.14		332
19:24	4.9	1.00	11.0	0.04		343
19:24	4.4	1.00	11.1	0.03	111	
19:24	3.9	1.00	11.1	0.04	044	
19:24	3.4	1.00	11.1	0.14		213
19:24	2.8	1.00	11.1	0.18		344
19:24	2.3	1.00	11.1	0.05	114	
19:24	1.8	1.00	11.1	0.11	046	
19:24	1.6	1.00	11.1	0.08	139	
19:24	1.6	1.00	11.1	0.12	027	
19:25	1.6	1.00	11.1	0.09	119	
19:25	1.6	1.00	11.1	0.09		284
19:25	1.6	1.00	11.1	0.06		008
19:25	1.6	1.00	11.1	0.11	145	

PROFILES AT STEVESTON (* = Plotted Value)

17-MAY-1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
19:29	10.1	18.87	9.9	0.36	133	
19:29	10.1	19.08	9.9	0.32	146	
19:29	10.1	18.91	9.9	0.39	141	
19:29	10.1	18.92	9.9	0.32	149	
19:29	10.0	18.78	9.9	0.40	131	
19:29	9.6	13.88	10.2	0.32		353
19:29	8.9	10.61	10.5	0.75	146	
19:29	8.2	9.57	10.5	0.37	126	
19:29	7.5	7.94	10.6	0.30	129	
19:29	6.8	5.94	10.7	0.14	135	
19:29	6.0	4.58	10.8	0.04		262
19:29	5.2	2.96	10.9	0.08	055	
19:29	4.5	1.00	11.1	0.07		345
19:29	3.7	1.00	11.1	0.05		317
19:29	2.9	1.00	11.1	0.10		359
19:29	2.1	1.00	11.1	0.06		275
19:30	1.4	1.00	11.1	0.14		254
19:30	0.6	1.00	11.1	0.17	071	
19:30	0.3	1.00	10.8	0.08		343
19:30	0.3	1.00	10.5	0.15	153	
19:30	0.3	1.00	10.3	0.68	154	
19:30	0.3	1.00	10.1	0.42	089	
19:30	0.3	1.00	9.9	0.64	123	
19:30	0.3	1.00	9.8	0.80	107	
19:30	0.3	1.00	9.7	1.03	103	
19:30	0.3	1.00	9.5	0.57	130	

PROFILES AT STEVESTON (* = Plotted Value)

17-MAY-1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
20:01		9.6	20.42	9.7	0.34	147	
20:01		9.6	20.30	9.7	0.25	162	
20:01	*	9.6	20.27	9.7	0.29	122	
20:01		9.6	19.73	9.8	0.42	118	
20:01		9.5	19.40	9.8	0.43	145	
20:01		9.6	18.05	10.0	0.38	139	
20:01		9.5	16.47	10.1	0.49	131	
20:01		9.2	14.18	10.3	0.55	172	
20:01		8.7	12.15	10.5	0.61	144	
20:01	*	8.2	10.67	10.5	0.58	143	
20:01		7.7	8.62	10.7	0.47	157	
20:01		7.1	7.63	10.7	0.28	161	
20:01		6.6	7.12	10.7	0.15	126	
20:01	*	6.0	6.11	10.8	0.01	134	
20:01		5.5	5.52	10.8	0.08	056	
20:02		4.9	4.91	10.8	0.08		307
20:02		4.4	4.32	10.9	0.11		281
20:02		3.8	1.00	11.1	0.09		299
20:02		3.2	1.00	11.1	0.15		322
20:02		2.7	1.00	11.1	0.09		299
20:02		2.1	1.00	11.1	0.06		276
20:02		1.5	1.00	11.1	0.10		001
20:02	*	1.0	1.00	11.1	0.12		281

PROFILES AT STEVESTON (* = Plotted Value)

17-MAY-1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
22:00	9.5	20.54	9.5	0.27	148	
22:00	9.5	20.67	9.5	0.21	074	
22:00	9.4	20.79	9.5	0.19	079	
22:00	9.3	20.90	9.5	0.24	106	
22:00	9.3	20.99	9.5	0.37	109	
22:01	9.2	21.07	9.5	0.18	097	
22:01	9.2	21.14	9.5	0.27	113	
22:01	9.1	21.22	9.5	0.25	114	
22:01	9.1	21.27	9.5	0.32	113	
22:01	9.1	21.33	9.5	0.25	094	
22:01	9.1	21.38	9.5	0.26	076	
22:01	9.1	21.43	9.5	0.24	109	
22:01	9.1	21.49	9.5	0.21	103	
22:01	9.1	21.54	9.5	0.22	102	
22:01	9.1	21.59	9.5	0.22	123	
22:01	9.1	21.62	9.5	0.13	091	
22:01	9.1	21.65	9.5	0.25	114	
22:01	9.1	21.68	9.5	0.24	127	
22:01	9.1	21.72	9.5	0.31	125	
22:01	9.1	21.75	9.5	0.25	124	
22:01	9.2	21.77	9.5	0.23	123	
22:01	9.2	21.80	9.5	0.23	117	
22:01	9.3	21.83	9.5	0.31	121	
22:01	9.4	21.86	9.5	0.13	125	
22:01	9.2	21.88	9.5	0.01	182	
22:02	9.1	21.87	9.5	0.30	168	
22:02	8.7	21.45	9.6	0.39	101	
22:02	8.2	17.18	10.3	0.30	155	
22:02	7.7	15.30	10.3	0.40	159	
22:02	7.1	14.01	10.4	0.37	176	
22:02	6.5	13.45	10.4	0.29	200	
22:02	6.0	12.94	10.4	0.27		206
22:02	5.4	12.13	10.4	0.29		208
22:02	4.8	9.83	10.5	0.34		244
22:02	4.2	6.16	10.8	0.56		255
22:02	3.6	4.62	10.8	0.55		272
22:02	2.9	3.20	10.8	0.13		243
22:02	2.1	1.00	10.9	0.12		019

PROFILES AT STEVESTON (* = Plotted Value)

17-MAY-1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

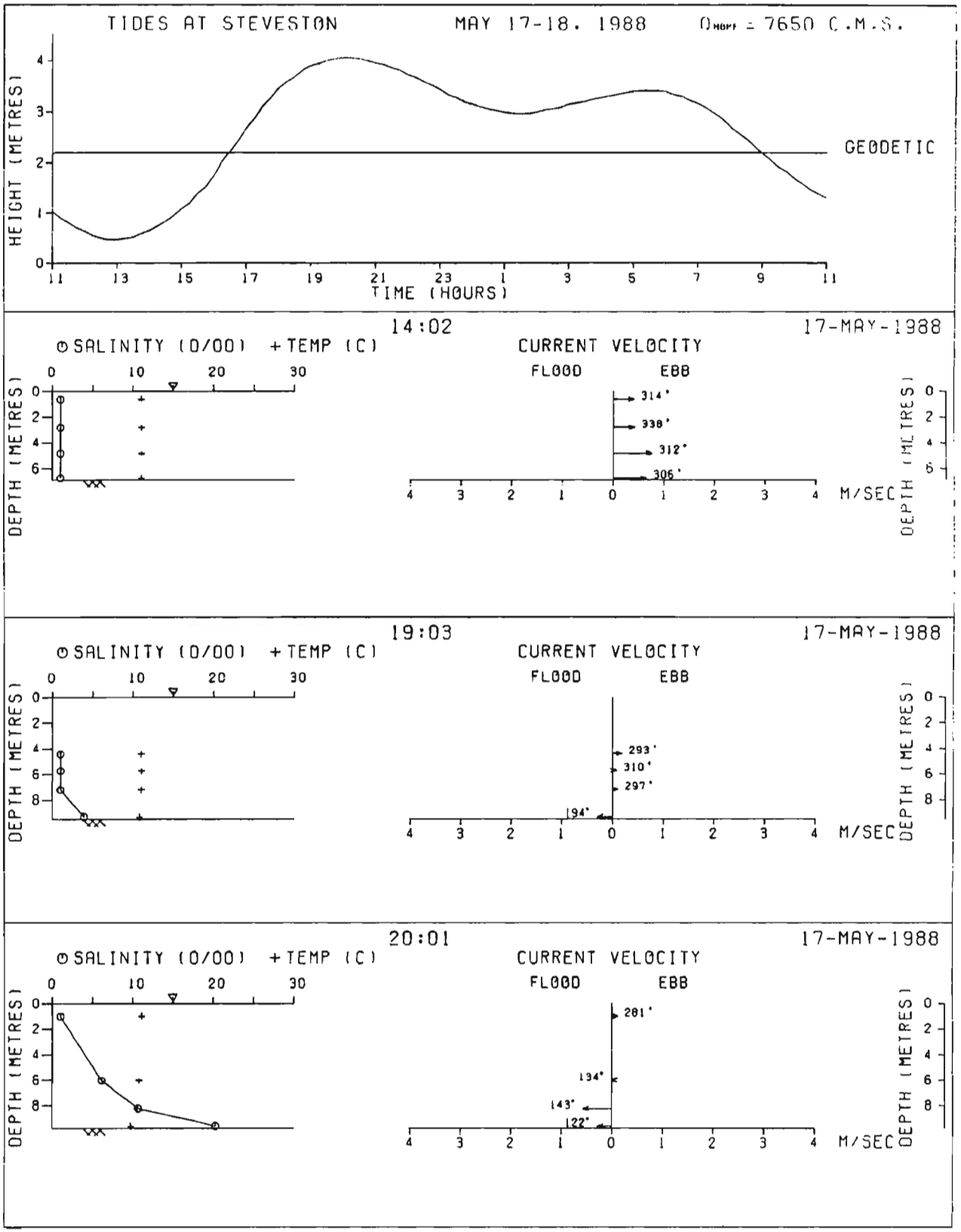
TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
22:06	9.6	20.24	9.5	0.15	121	
22:06	9.6	20.38	9.5	0.17	139	
22:06	9.6	20.51	9.5	0.18	133	
22:06	9.6	20.61	9.5	0.17	126	
22:06	9.6	20.73	9.5	0.16	134	
22:06	9.6	20.82	9.5	0.18	123	
22:06	9.6	20.98	9.5	0.15	129	
22:06	9.7	21.05	9.5	0.13	121	
22:06	9.6	21.12	9.5	0.14	120	
22:07	9.6	21.17	9.5	0.13	133	
22:07	9.6	21.22	9.5	0.10	142	
22:07	9.5	21.32	9.5	0.14	139	
22:07	9.5	21.34	9.5	0.14	141	
22:07	9.5	21.38	9.5	0.14	140	
22:07	9.4	21.42	9.5	0.13	123	
22:07	9.3	21.45	9.5	0.13	131	
22:07	9.3	21.48	9.5	0.24	105	
22:07	9.2	21.53	9.5	0.24	108	
22:07	9.2	21.57	9.5	0.28	091	
22:07	9.3	21.60	9.5	0.30	085	
22:07	9.3	21.61	9.5	0.39	049	
22:07	9.3	21.69	9.5	0.41	070	
22:07	9.3	21.75	9.5	0.26	092	
22:07	9.3	21.75	9.5	0.30	072	
22:07	9.3	21.79	9.5	0.29	086	
22:07	9.4	21.82	9.5	0.27	074	
22:07	9.4	21.86	9.5	0.32	060	
22:07	9.4	21.89	9.5	0.33	085	
22:07	9.4	21.92	9.5	0.49	055	
22:07	9.5	21.94	9.5	0.28	075	
22:08	9.5	21.97	9.5	0.20	062	
22:08	9.4	21.98	9.5	0.30	093	
22:08	9.3	21.98	9.5	0.12	105	
22:08	9.3	21.99	9.5	0.10	098	
22:08	9.2	21.99	9.5	0.32	087	
22:08	9.2	22.01	9.5	0.19	092	
22:08	9.1	22.03	9.5	0.25	095	
22:08	9.1	22.03	9.5	0.30	090	
22:08	9.1	22.04	9.5	0.28	087	
22:08	9.1	22.04	9.5	0.30	101	
22:08	9.1	22.02	9.5	0.24	106	
22:08	9.0	22.03	9.5	0.27	076	
22:08	9.0	22.03	9.5	0.19	109	
22:08	9.1	22.07	9.5	0.14	109	
22:08	9.0	22.06	9.5	0.20	103	
22:08	9.1	22.06	9.5	0.21	126	

PROFILES AT STEVESTON (* = Plotted Value)

17-MAY-1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
22:08	8.9	22.01	9.5	0.47	060	
22:08	8.8	21.92	9.5	0.60	117	
22:08	8.5	20.94	9.7	0.49	097	
22:08	8.0	14.88	10.3	0.36	123	
22:08	7.5	14.31	10.3	0.41	144	
22:09	6.8	13.04	10.4	0.31	167	
22:09	6.2	11.19	10.5	0.27		213
22:09	5.7	11.53	10.4	0.58		268
22:09	5.1	11.90	10.4	0.38		255
22:09	4.5	9.89	10.5	0.46		243
22:09	3.9	7.43	10.6	0.47		266
22:09	3.3	5.47	10.7	0.49		283
22:09	2.6	5.10	10.7	0.44		279
22:09	1.9	3.99	10.8	0.44		299
22:09	1.2	1.00	10.8	0.11		295
22:09	0.8	1.00	10.9	0.31		307

PROFILES AT STEVESTON

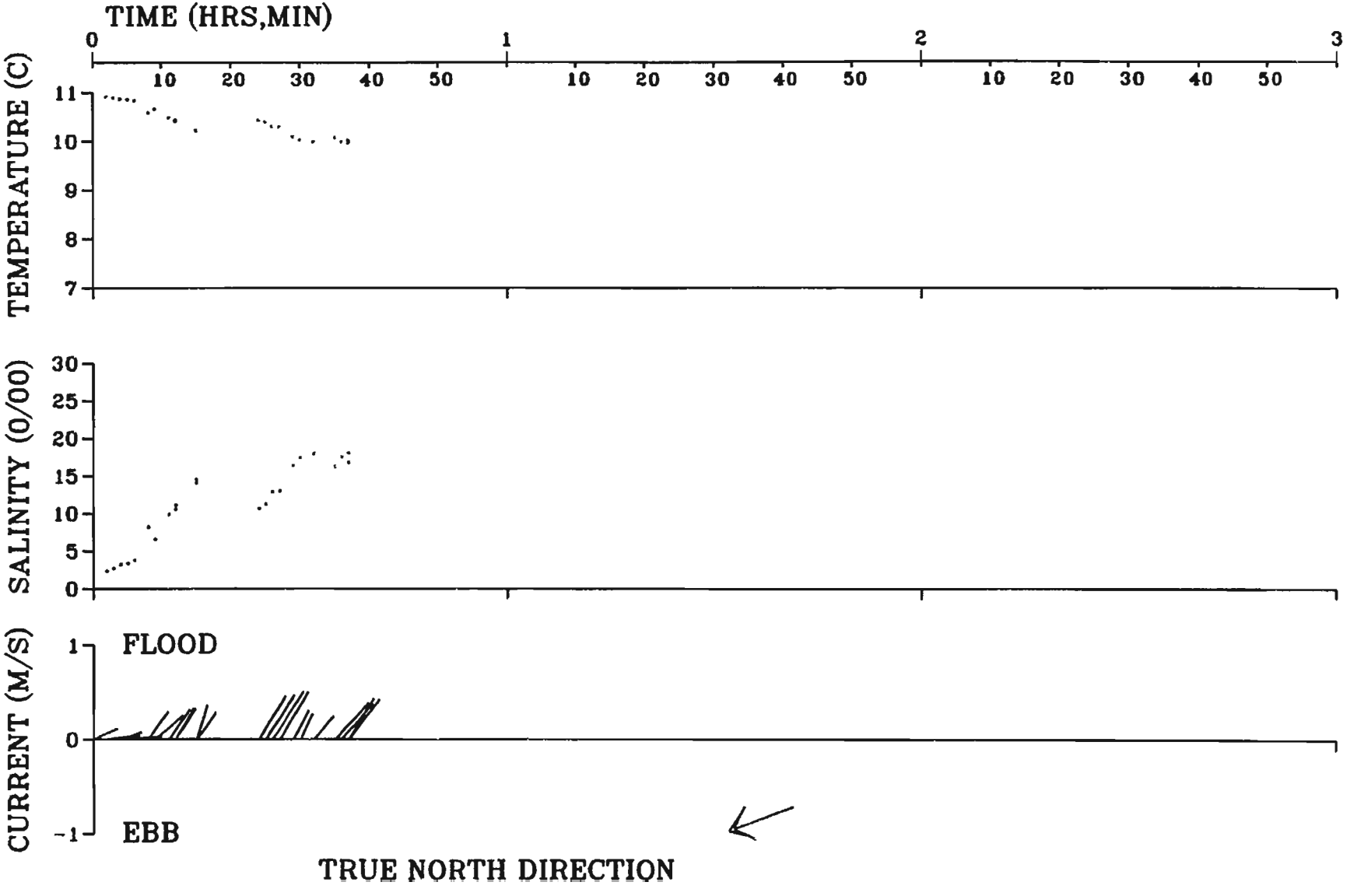


TIME SERIES AT STEVESTON (Plotted)

17-MAY-1988 RIVER DISCHARGE AT HOPE = 7650 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMP (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
18:57	9.6	2.77	10.9	0.28	176
18:59	9.4	2.39	10.9	0.26	193
19:00	9.4	2.72	10.9	0.28	192
19:01	9.5	3.25	10.9	0.24	181
19:02	9.3	3.39	10.9	0.26	195
19:03	9.3	3.80	10.8	0.29	194
19:05	9.7	8.23	10.6	0.36	145
19:06	9.6	6.58	10.7	0.39	159
19:08	9.9	9.89	10.5	0.38	144
19:09	10.0	11.13	10.4	0.38	139
19:09	9.9	10.57	10.4	0.39	142
19:12	10.3	14.09	10.2	0.36	145
19:12	10.2	14.56	10.2	0.38	126
19:21	9.6	10.65	10.4	0.54	141
19:22	9.5	11.25	10.4	0.56	142
19:23	9.5	12.88	10.3	0.61	142
19:24	9.5	13.02	10.3	0.59	140
19:26	10.1	16.38	10.1	0.35	137
19:27	10.1	17.46	10.0	0.30	135
19:29	10.1	17.97	10.0	0.32	149
19:32	9.7	16.23	10.1	0.52	152
19:33	9.7	17.54	10.0	0.49	150
19:34	9.7	16.80	10.0	0.53	147
19:34	9.7	18.11	10.0	0.50	140

TIME SERIES AT BOTTOM, STEVESTON
17-MAY-1988 START TIME 18:57 PST



PROFILES AT STEVESTON (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
0:01	8.8	16.15	9.8	0.32	164	
0:01	8.8	16.12	9.9	0.26	105	
0:01	8.8	16.14	9.9	0.23	107	
0:01	8.7	16.12	9.9	0.19	121	
0:01	8.6	16.10	9.9	0.16	118	
0:02	8.6	16.10	9.9	0.13	106	
0:02	8.5	16.12	9.9	0.05	154	
0:02	8.5	16.10	10.0	0.08	154	
0:02	8.5	16.10	10.0	0.06	146	
0:02	8.5	16.11	9.9	0.10	148	
0:02	8.5	16.07	10.0	0.13	186	
0:02	8.5	16.04	10.0	0.12	176	
0:02	8.5	16.00	10.0	0.14	176	
0:02	8.5	16.01	10.0	0.20	143	
0:02	8.6	16.02	10.0	0.16	139	
0:02	8.7	16.21	9.9	0.20	126	
0:02	8.8	16.46	9.9	0.16	151	
0:02	8.8	16.94	9.8	0.27	139	
0:02	8.9	17.18	9.8	0.28	138	
0:02	8.9	17.28	9.8	0.29	145	
0:02	9.0	17.40	9.8	0.31	149	
0:02	9.0	17.42	9.8	0.28	179	
0:02	8.6	16.81	9.9	0.29	175	
0:02	8.2	15.85	10.1	0.17		218
0:02	7.7	15.45	10.1	0.22		248
0:02	7.2	15.26	10.1	0.29		247
0:03	6.8	15.36	10.0	0.29		240
0:03	6.3	15.01	10.1	0.29		238
0:03	5.8	14.61	10.1	0.29		252
0:03	5.3	9.83	10.5	0.25		249
0:03	4.7	8.25	10.5	0.44		251
0:03	4.1	7.99	10.6	0.75		275
0:03	3.5	5.09	10.7	0.46		264
0:03	3.0	3.21	10.8	0.34		282
0:03	2.4	2.93	10.8	0.27		260
0:03	1.8	1.00	10.9	0.30		322
0:03	1.4	1.00	10.9	0.42		299
0:03	1.0	1.00	10.9	0.57		332
0:03	0.7	1.00	10.9	0.43		319

PROFILES AT STEVESTON (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
1:01	*	9.1	13.12	10.0	0.09		219
1:01		8.8	13.13	10.1	0.09		204
1:01		8.6	12.97	10.1	0.12	187	
1:01		8.6	12.82	10.2	0.16	189	
1:01		8.5	12.76	10.2	0.15	183	
1:01		8.5	12.71	10.2	0.15	184	
1:01		8.4	12.82	10.1	0.18	186	
1:02		8.4	12.85	10.1	0.27		202
1:02		8.4	12.81	10.1	0.24	199	
1:02		8.4	12.79	10.1	0.28		216
1:02		8.5	12.84	10.1	0.20	193	
1:02		8.5	12.87	10.1	0.23	197	
1:02		8.5	12.94	10.1	0.30		212
1:02		8.5	12.91	10.1	0.30		209
1:02		8.4	12.77	10.2	0.35		216
1:02		8.4	12.81	10.1	0.34	199	
1:02		8.4	12.79	10.2	0.29	191	
1:02		8.5	12.56	10.2	0.30		203
1:02		8.4	12.56	10.2	0.33		201
1:02		8.4	12.54	10.2	0.34	198	
1:02		8.4	12.73	10.2	0.31	199	
1:02		8.4	13.05	10.1	0.38	195	
1:02		8.5	12.92	10.1	0.37	196	
1:02		8.6	13.26	10.1	0.35	189	
1:02		8.7	13.51	10.1	0.51		207
1:02		8.8	13.51	10.1	0.39	191	
1:02		8.9	13.60	10.1	0.35	171	
1:03		8.8	13.28	10.1	0.41		232
1:03		8.5	13.22	10.1	0.57		238
1:03		8.4	13.37	10.1	0.75		230
1:03		8.2	13.08	10.2	0.65		224
1:03		7.9	12.77	10.2	0.39		203
1:03		7.5	12.71	10.2	0.22		245
1:03	*	7.1	12.64	10.2	0.20		236
1:03		6.6	12.57	10.2	0.17		245
1:03		6.1	10.16	10.4	0.27		256
1:03		5.6	8.43	10.5	0.49		274
1:03	*	5.1	7.73	10.5	0.65		269
1:03		4.5	1.00	10.6	0.71		286
1:03		3.8	1.00	10.8	0.22		314
1:03		3.3	1.00	10.9	0.08		255
1:03		2.9	1.00	10.8	0.32		297
1:03		2.4	1.00	10.8	0.18	113	
1:03		1.9	1.00	10.8	0.21		258
1:03	*	1.5	1.00	10.8	0.21		255
1:03		1.2	1.00	10.8	0.23		302

PROFILES AT STEVESTON (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
2:00	0.9	1.00	10.7	0.40		279
2:01	1.2	1.00	10.8	0.19		312
2:01	1.4	1.00	10.8	0.07		284
2:01	1.7	1.00	10.8	0.29		299
2:01	2.0	1.00	10.7	0.14		313
2:01	2.3	1.00	10.8	0.17		298
2:01	2.7	1.00	10.8	0.06		276
2:01	3.1	1.00	10.8	0.15		000
2:01	3.5	1.00	10.7	0.10	049	
2:01	3.9	1.00	10.8	0.26		007
2:01	4.2	2.24	10.7	0.03		273
2:01	4.6	5.03	10.5	0.39		322
2:01	5.1	6.07	10.5	0.83		316
2:01	5.6	7.12	10.4	0.82		320
2:01	6.1	8.50	10.3	0.66		323
2:01	6.6	9.22	10.3	0.51		328
2:01	7.1	9.84	10.3	0.48		343
2:01	7.6	10.29	10.2	0.39		357
2:01	8.1	10.58	10.2	0.10		339
2:01	8.1	10.77	10.2	0.09		244
2:01	8.1	11.04	10.2	0.28	027	
2:01	8.1	11.23	10.2	0.33	058	
2:02	8.2	11.42	10.2	0.28	085	
2:02	8.2	11.52	10.2	0.26	073	
2:02	8.2	11.60	10.2	0.19	104	
2:02	8.2	11.67	10.2	0.09	093	
2:02	8.2	11.73	10.2	0.08	102	
2:02	8.2	11.69	10.2	0.14	163	
2:02	8.2	11.76	10.2	0.19	165	
2:02	8.2	11.78	10.2	0.20	159	
2:02	8.2	11.81	10.2	0.17	148	
2:02	8.2	11.75	10.2	0.12	165	
2:02	8.2	11.58	10.2	0.10	198	
2:02	8.2	11.47	10.2	0.14	183	
2:02	8.2	11.50	10.2	0.26	195	

PROFILES AT STEVESTON (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
2:59		0.3	1.00	10.7	0.26		305
2:59		0.3	1.00	10.7	0.16		221
2:59		0.3	1.00	10.7	0.14		248
2:59		0.3	1.00	10.7	0.26		240
2:59		0.3	1.00	10.7	0.20		277
2:59		0.3	1.00	10.7	0.08		298
2:59	*	0.3	1.00	10.7	0.25		299
2:59		0.4	1.00	10.7	0.16		307
2:59		0.6	1.00	10.7	0.39		318
2:59		0.9	1.00	10.7	0.34		273
2:59		1.2	1.00	10.7	0.27		287
2:59		1.4	1.00	10.7	0.29		257
2:59		1.6	1.00	10.7	0.35		317
2:59		1.8	1.00	10.7	0.23		327
2:59		2.0	1.00	10.7	0.24		353
2:59	*	2.3	1.00	10.7	0.17		295
3:00		2.6	1.00	10.7	0.26		012
3:00		2.9	1.00	10.7	0.04		212
3:00		3.1	1.00	10.7	0.10		334
3:00		3.5	1.00	10.7	0.22	120	
3:00		3.9	1.00	10.7	0.09		004
3:00		4.1	1.00	10.7	0.17		319
3:00		4.5	1.00	10.7	0.16		289
3:00		4.9	1.00	10.6	0.27		308
3:00		5.3	3.69	10.6	0.39		297
3:00		5.8	5.71	10.5	0.52		319
3:00		6.3	6.83	10.4	0.51		315
3:00	*	6.7	7.70	10.3	0.35		318
3:00		7.2	8.08	10.3	0.18		340
3:00		7.6	8.30	10.3	0.09		337
3:00		7.9	8.62	10.3	0.05		010
3:00		8.3	8.75	10.3	0.01	069	
3:00		8.3	8.86	10.3	0.10		209
3:00		8.3	8.96	10.3	0.09		204
3:00		8.3	9.02	10.3	0.08		205
3:00		8.4	9.08	10.3	0.04		201
3:00		8.4	9.11	10.3	0.05	174	
3:01		8.4	9.16	10.3	0.09		210
3:01		8.4	9.18	10.3	0.08		224
3:01	*	8.4	9.20	10.3	0.09		239
3:01		8.4	9.24	10.3	0.08		241
3:01		8.3	9.34	10.3	0.09		233
3:01		8.3	9.41	10.3	0.09		229
3:01		8.4	9.45	10.3	0.09		224

PROFILES AT STEVESTON (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
3:59	0.3	1.00	10.7	0.35		326
3:59	0.3	1.00	10.7	0.48		307
3:59	0.3	1.00	10.7	0.09		316
3:59	0.4	1.00	10.6	0.26		342
3:59	0.7	1.00	10.6	0.25		252
3:59	1.0	1.00	10.6	0.29		259
3:59	1.2	1.00	10.6	0.35		251
3:59	1.4	1.00	10.6	0.42		285
3:59	1.7	1.00	10.6	0.15		258
3:59	2.0	1.00	10.6	0.28		297
3:59	2.2	1.00	10.6	0.07	051	
3:59	2.5	1.00	10.6	0.19		297
3:59	2.9	1.00	10.6	0.14	114	
3:59	3.2	1.00	10.6	0.13	069	
3:59	3.6	1.00	10.6	0.09	061	
3:59	3.9	1.00	10.6	0.10		271
3:59	4.4	1.00	10.6	0.13		308
3:59	4.8	3.07	10.6	0.56		306
3:59	5.2	4.71	10.5	0.40		308
3:59	5.7	5.69	10.4	0.56		317
3:59	6.2	6.42	10.4	0.47		305
4:00	6.6	6.94	10.3	0.33		316
4:00	7.0	7.26	10.3	0.17		324
4:00	7.8	7.64	10.3	0.08		316
4:00	8.1	7.76	10.3	0.08		286
4:00	8.4	7.86	10.3	0.08	179	
4:00	8.5	7.94	10.3	0.07		257
4:00	8.5	8.03	10.3	0.08		253
4:00	8.5	8.08	10.3	0.07		250
4:00	8.5	8.12	10.3	0.06		243
4:00	8.5	8.19	10.3	0.06		263
4:00	8.5	8.25	10.3	0.07		260
4:00	8.5	8.30	10.3	0.07		267
4:00	8.5	8.36	10.3	0.08		266
4:00	8.5	8.41	10.3	0.06		269
4:00	8.5	8.45	10.3	0.05		257
4:00	8.5	8.51	10.3	0.07		238
4:00	8.5	8.56	10.3	0.07		256
4:00	8.5	8.58	10.3	0.09		248

PROFILES AT STEVESTON (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
4:59	0.4	1.00	10.6	0.17		295
4:59	0.5	1.00	10.6	0.14		268
4:59	0.5	1.00	10.6	0.10		338
4:59	0.5	1.00	10.6	0.11		302
4:59	0.5	1.00	10.6	0.08		339
4:59	0.5	1.00	10.6	0.09		347
4:59	0.5	1.00	10.6	0.19		001
4:59	0.6	1.00	10.6	0.15		005
4:59	0.9	1.00	10.6	0.19		329
4:59	1.2	1.00	10.6	0.24	178	
4:59	1.4	1.00	10.6	0.11		246
4:59	1.7	1.00	10.6	0.18		228
5:00	2.0	1.00	10.6	0.17		265
5:00	2.4	1.00	10.6	0.13	173	
5:00	2.8	1.00	10.6	0.07	037	
5:00	3.1	1.00	10.6	0.12		241
5:00	3.5	1.00	10.6	0.17	066	
5:00	3.9	1.00	10.6	0.15		297
5:00	4.3	2.44	10.6	0.19		309
5:00	5.2	4.98	10.4	0.37		304
5:00	5.7	6.22	10.3	0.37		303
5:00	6.2	6.85	10.3	0.46		283
5:00	6.7	7.30	10.3	0.37		296
5:00	7.1	7.54	10.3	0.25		278
5:00	7.6	7.66	10.3	0.09		268
5:00	8.0	7.82	10.3	0.16	198	
5:00	8.4	7.96	10.3	0.16	191	
5:00	8.5	8.05	10.3	0.08	162	
5:00	8.6	8.15	10.3	0.13	151	
5:00	8.6	8.30	10.2	0.14	163	
5:00	8.6	8.42	10.2	0.15	159	
5:00	8.6	8.49	10.3	0.14	170	
5:01	8.6	8.59	10.2	0.17	170	
5:01	8.5	8.67	10.2	0.17	173	
5:01	8.6	8.77	10.2	0.18	179	
5:01	8.6	8.77	10.2	0.19	174	
5:01	8.6	8.69	10.3	0.19	171	
5:01	8.6	8.54	10.3	0.16	172	
5:01	8.6	8.67	10.3	0.16	176	
5:01	8.6	8.71	10.3	0.15	177	
5:01	8.6	8.78	10.3	0.16	182	
5:01	8.6	8.93	10.2	0.14		217

PROFILES AT STEVESTON (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
5:59		0.4	1.00	10.6	0.30	128	
5:59		0.4	1.00	10.7	0.13		282
5:59		0.4	1.00	10.7	0.32		329
5:59		0.4	1.00	10.7	0.18		282
5:59		0.4	1.00	10.7	0.25	043	
5:59		0.4	1.00	10.7	0.04		275
5:59		0.6	1.00	10.6	0.10	036	
5:59		0.7	1.00	10.6	0.12		209
5:59		0.9	1.00	10.6	0.19		253
5:59	*	1.0	1.00	10.6	0.33		219
6:00		1.2	1.00	10.6	0.19		252
6:00		1.3	1.00	10.6	0.28		316
6:00		1.5	1.00	10.6	0.21		327
6:00		1.7	1.00	10.6	0.17		302
6:00		1.9	1.00	10.6	0.14		271
6:00		2.0	1.00	10.6	0.25		323
6:00		2.3	1.00	10.6	0.21		288
6:00		2.5	1.00	10.6	0.03	118	
6:00		2.7	1.00	10.6	0.04		359
6:00		2.9	1.00	10.6	0.14	026	
6:00		3.1	1.00	10.6	0.21		006
6:00	*	3.3	1.00	10.6	0.17		250
6:00		3.6	1.00	10.5	0.13		333
6:00		3.8	3.12	10.5	0.26		298
6:00		4.0	3.80	10.5	0.65		287
6:00		4.2	4.45	10.4	0.82		293
6:00		4.4	4.59	10.4	0.78		286
6:00		4.7	5.32	10.4	0.86		282
6:00		5.0	5.53	10.4	0.93		279
6:00		5.3	6.37	10.3	0.57		283
6:00		5.6	6.67	10.3	0.72		284
6:01		5.9	7.25	10.3	0.78		284
6:01		6.2	7.67	10.3	0.69		287
6:01		6.5	8.03	10.2	0.61		284
6:01	*	6.7	8.40	10.2	0.51		280
6:01		7.0	8.72	10.2	0.42		276
6:01		7.3	9.27	10.1	0.34		274
6:01		7.5	9.69	10.1	0.22		269
6:01		7.8	10.07	10.1	0.17		263
6:01		8.0	10.39	10.0	0.02		245
6:01		8.3	10.69	10.0	0.04	172	
6:01		8.5	10.84	10.0	0.14	067	
6:01		8.7	11.01	10.0	0.16	129	
6:01		8.8	11.23	9.9	0.22	156	
6:01		8.9	11.42	9.9	0.17	148	
6:01		8.9	11.53	9.9	0.15	151	

PROFILES AT STEVESTON (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
6:01		8.9	11.65	9.9	0.16	157	
6:01		8.9	11.82	9.9	0.08	130	
6:01		8.9	12.13	9.9	0.34	136	
6:01		8.9	13.07	9.6	0.13	075	
6:01	*	8.9	13.54	9.6	0.19	093	
6:01		8.9	14.07	9.6	0.23	147	
6:02		8.9	14.46	9.6	0.04	173	
6:02		8.9	14.79	9.6	0.12	061	

PROFILES AT STEVESTON (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
6:58	0.9	1.00	10.5	0.13		336
6:58	0.8	1.00	10.5	0.19		301
6:58	0.9	1.00	10.5	0.22		213
6:58	1.1	1.00	10.5	0.28		300
6:59	0.8	1.00	10.5	0.37		300
6:59	1.0	1.00	10.5	0.14		314
6:59	1.1	1.00	10.5	0.28		342
6:59	1.2	1.00	10.5	0.23		285
6:59	1.4	1.00	10.5	0.28		324
6:59	1.4	1.00	10.5	0.51		017
6:59	1.6	1.00	10.5	0.35		011
6:59	1.6	1.00	10.5	0.10		000
6:59	1.8	1.00	10.5	0.20		337
6:59	1.9	1.00	10.5	0.15	040	
6:59	1.9	1.00	10.5	0.20		007
6:59	2.1	1.00	10.5	0.09		265
6:59	2.2	1.00	10.5	0.14		346
6:59	2.4	1.00	10.5	0.08		287
6:59	2.5	1.00	10.5	0.23		238
6:59	2.5	1.00	10.5	0.18		348
6:59	2.6	1.00	10.5	0.30		321
6:59	2.8	1.00	10.5	0.14		290
6:59	3.0	1.00	10.5	0.34		289
6:59	3.2	1.00	10.5	0.13		267
6:59	3.3	1.00	10.5	0.13		294
7:00	3.6	1.00	10.5	0.03	076	
7:00	3.7	1.00	10.5	0.12		015
7:00	3.9	1.00	10.5	0.03	092	
7:00	4.1	1.00	10.5	0.24		291
7:00	4.3	1.00	10.5	0.12		291
7:00	4.6	2.59	10.5	0.24		297
7:00	4.9	5.79	10.3	0.35		307
7:00	5.3	7.83	10.1	0.43		303
7:00	5.7	8.73	10.1	0.53		303
7:00	6.0	9.45	10.0	0.44		307
7:00	6.4	9.87	10.0	0.29		301
7:00	6.7	10.31	10.0	0.19		295
7:00	7.0	10.67	9.9	0.16		305
7:00	7.3	10.92	9.9	0.11		291
7:00	7.6	11.13	9.9	0.15		282
7:00	7.9	11.31	9.9	0.09		323
7:00	8.1	11.53	9.9	0.05		286
7:00	8.3	11.65	9.9	0.07	167	
7:00	8.3	11.74	9.9	0.05	189	
7:00	8.3	11.81	9.9	0.26	180	

PROFILES AT STEVESTON (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
7:58	0.6	1.00	10.5	0.29		285
7:58	0.6	1.00	10.5	0.45		250
7:58	0.7	1.00	10.6	0.28		327
7:58	0.6	1.00	10.6	0.41		276
7:58	1.1	1.00	10.6	0.23		289
7:58	1.0	1.00	10.6	0.24		303
7:58	1.0	1.00	10.6	0.48		271
7:59	1.0	1.00	10.6	0.21		357
7:59	1.0	1.00	10.6	0.29		305
7:59	1.1	1.00	10.6	0.31		268
7:59	1.3	1.00	10.5	0.20		321
7:59	1.4	1.00	10.5	0.07		323
7:59	1.6	1.00	10.5	0.18		346
7:59	1.7	1.00	10.5	0.02	092	
7:59	1.9	2.31	10.4	0.17		250
7:59	2.0	3.60	10.4	0.20		277
7:59	2.2	2.30	10.5	0.08		312
7:59	2.3	3.79	10.4	0.07	130	
7:59	2.5	4.19	10.4	0.07		291
7:59	2.6	2.25	10.5	0.16		259
7:59	2.8	2.21	10.5	0.09	126	
7:59	3.1	3.39	10.5	0.09	138	
7:59	3.2	1.00	10.5	0.03		295
7:59	3.4	1.00	10.4	0.08		236
7:59	3.6	1.00	10.5	0.12		247
7:59	3.8	1.00	10.4	0.10	086	
7:59	4.0	5.24	10.3	0.46		277
7:59	4.2	1.00	10.6	0.38		282
8:00	4.5	6.92	10.2	0.49		293
8:00	4.8	7.20	10.2	0.83		286
8:00	5.2	7.97	10.2	0.48		282
8:00	5.7	8.68	10.1	0.99		284
8:00	6.1	9.11	10.1	0.59		294
8:00	6.5	9.70	10.1	0.74		289
8:00	6.9	10.24	10.0	0.77		306
8:00	7.4	10.73	10.0	0.69		306
8:00	7.8	11.29	9.9	0.50		311
8:00	8.1	11.63	9.9	0.32		303
8:00	8.2	11.66	9.9	0.24		319
8:00	8.1	11.86	9.9	0.28		325
8:00	8.1	11.97	9.9	0.37		003
8:00	8.1	12.28	9.9	0.06		264
8:00	8.1	12.61	9.9	0.50		001
8:00	8.1	12.85	9.9	0.46		019
8:00	8.2	12.93	9.9	0.37	030	
8:00	8.2	13.01	9.9	0.43		004

PROFILES AT STEVESTON (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
8:00	8.2	13.07	9.9	0.44		011
8:00	8.2	13.18	9.9	0.40		354
8:00	8.3	13.28	9.9	0.42	024	
8:01	8.3	13.27	9.9	0.41	064	
8:01	8.3	13.13	9.9	0.27		003

PROFILES AT STEVESTON (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
8:58	0.8	1.00	10.6	0.15		230
8:58	1.2	1.00	10.6	0.36		242
8:58	1.0	1.00	10.5	0.32		253
8:58	0.9	1.00	10.5	0.30		220
8:58	1.0	1.00	10.5	0.32		284
8:58	0.9	1.00	10.5	0.41		348
8:58	0.8	1.00	10.5	0.33		323
8:58	0.8	1.00	10.5	0.35		265
8:58	0.8	1.00	10.5	0.11		319
8:58	0.9	1.00	10.5	0.55		317
8:58	1.1	1.00	10.5	0.10		332
8:58	1.1	1.00	10.5	0.32		355
8:59	1.2	1.00	10.5	0.31		352
8:59	1.5	1.00	10.5	0.30		340
8:59	1.7	1.00	10.5	0.58		311
8:59	1.9	1.00	10.5	0.34		342
8:59	2.2	1.00	10.5	0.12		011
8:59	2.4	1.00	10.5	0.44		350
8:59	2.5	1.00	10.5	0.25		274
8:59	2.7	1.00	10.5	0.15		332
8:59	2.9	1.00	10.5	0.69		320
8:59	3.1	1.00	10.5	0.38		338
8:59	3.4	1.00	10.5	0.24		351
8:59	3.6	1.00	10.5	0.12	135	
8:59	3.9	1.00	10.5	0.09	040	
8:59	4.1	1.00	10.5	0.39		327
8:59	4.3	1.00	10.5	0.49		276
8:59	4.4	1.00	10.5	0.17		285
8:59	4.6	1.00	10.5	0.21		320
8:59	4.8	1.00	10.5	0.29		314
8:59	5.0	1.00	10.5	0.22		324
8:59	5.2	1.00	10.5	0.32		327
9:00	5.4	1.00	10.4	0.18		226
9:00	5.7	4.15	10.3	0.52		300
9:00	6.1	5.32	10.3	0.53		290
9:00	6.4	4.55	10.3	0.47		294
9:00	6.7	6.12	10.2	0.76		295
9:00	7.0	6.93	10.2	0.78		290
9:00	7.3	7.41	10.2	0.70		289
9:00	7.4	7.87	10.1	0.64		289
9:00	7.4	7.93	10.1	0.69		288
9:00	7.5	8.16	10.1	0.68		280
9:00	7.4	8.20	10.1	0.76		284
9:00	7.4	7.92	10.2	0.71		276
9:00	7.4	7.97	10.2	0.68		272
9:00	7.4	8.28	10.1	0.74		276

PROFILES AT STEVESTON (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

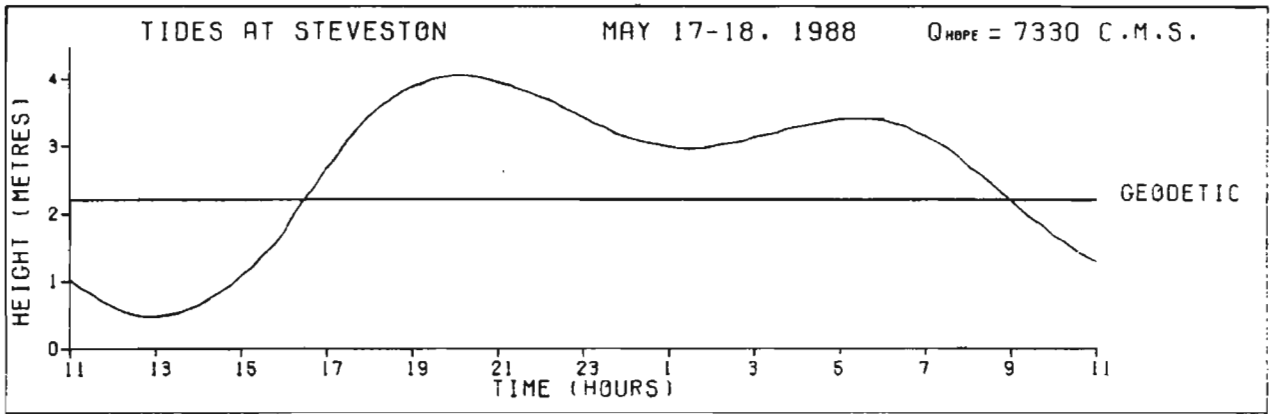
TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
9:00	7.4	8.38	10.1	0.71		278
9:00	7.5	8.55	10.1	0.71		274
9:00	7.6	8.07	10.2	0.74		272
9:00	7.8	8.84	10.1	0.68		267
9:00	8.1	9.00	10.1	0.65		263
9:00	8.3	9.05	10.1	0.53		290
9:00	8.3	8.98	10.1	0.47		287
9:01	8.1	9.01	10.1	0.57		299

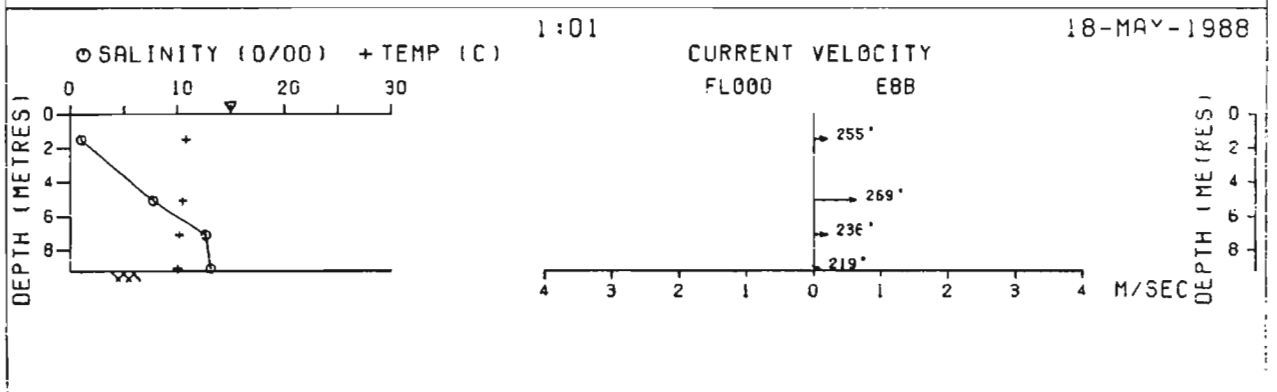
PROFILES AT STEVESTON (* = Plotted Value)

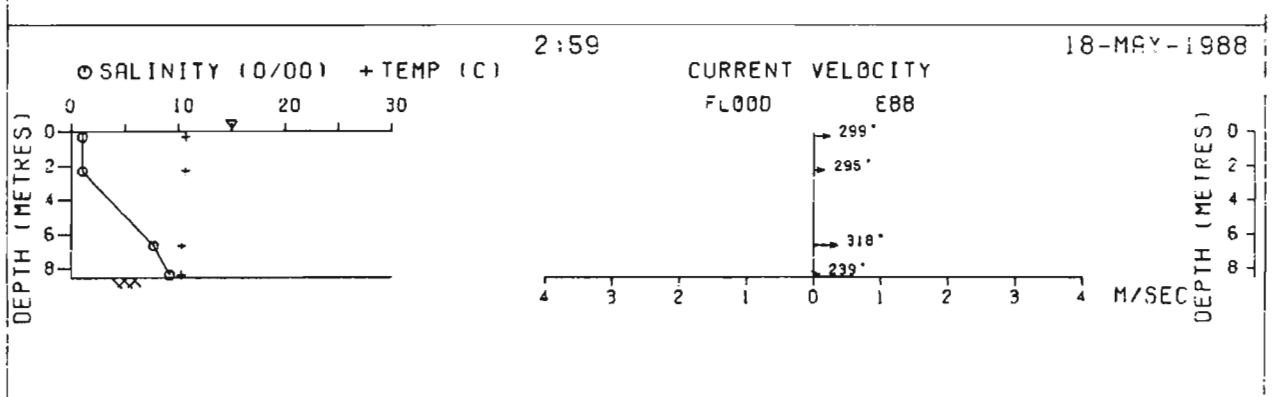
18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

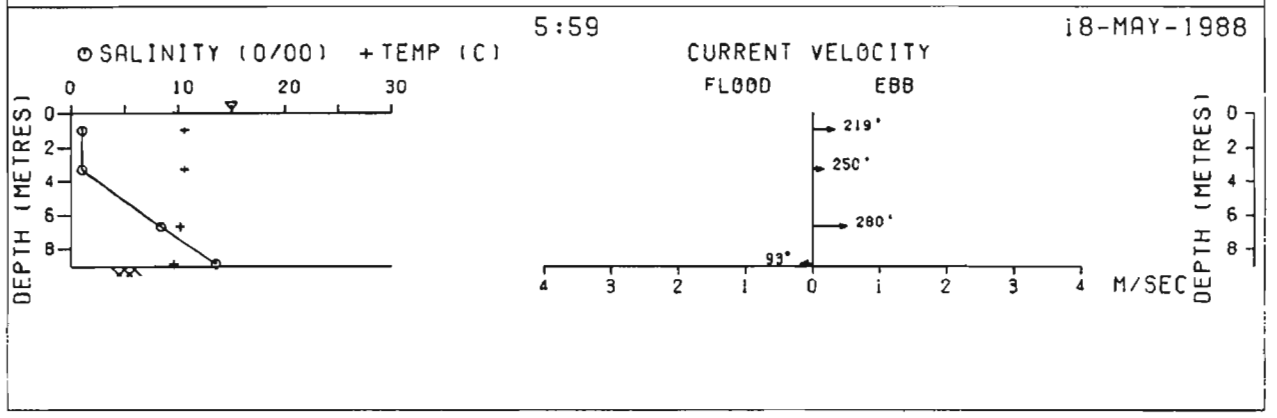
TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
10:26		0.9	1.00	10.5	0.21		249
10:26	*	0.9	1.00	10.5	0.29		314
10:26		0.9	1.00	10.5	0.36		326
10:26		1.0	1.00	10.5	0.43		005
10:26		1.0	1.00	10.5	0.10		006
10:27		1.0	1.00	10.5	0.07		211
10:27		1.0	1.00	10.5	0.16		306
10:27		1.0	1.00	10.5	0.41		318
10:27		1.1	1.00	10.5	0.34		288
10:27		1.4	1.00	10.5	0.31		335
10:27		1.7	1.00	10.5	0.28		321
10:27		2.0	1.00	10.5	0.23		309
10:27		2.3	1.00	10.5	0.20		310
10:27		2.6	1.00	10.5	0.35		358
10:27	*	3.0	1.00	10.5	0.36		312
10:27		3.3	1.00	10.5	0.20		298
10:27		3.6	1.00	10.5	0.51		346
10:27		3.8	1.00	10.5	0.44		302
10:27		4.1	1.00	10.5	0.73		295
10:27		4.4	1.00	10.5	0.38		288
10:27		4.6	1.00	10.5	0.48		291
10:27		4.8	1.00	10.5	0.74		285
10:27		5.1	1.00	10.5	0.59		299
10:27	*	5.4	1.00	10.5	0.58		295
10:27		5.7	1.00	10.5	0.72		308
10:27		6.1	1.00	10.5	0.79		289
10:28		6.5	1.00	10.5	0.61		301
10:28		6.6	1.00	10.5	0.61		305
10:28		6.6	1.00	10.5	0.49		305
10:28		6.7	1.00	10.5	0.68		289
10:28		6.8	1.00	10.5	0.74		283
10:28		6.8	1.00	10.5	0.57		293
10:28		6.7	1.00	10.5	0.94		291
10:28		6.7	1.00	10.5	0.44		303
10:28		6.8	1.00	10.5	0.85		297
10:28	*	6.8	1.00	10.5	0.75		298
10:28		6.8	1.00	10.5	0.41		306
10:28		6.8	1.00	10.5	0.75		306
10:28		6.8	1.00	10.5	0.77		290
10:28		6.8	1.00	10.5	0.66		289
10:28		6.9	1.00	10.5	0.78		291
10:28		6.8	1.00	10.5	0.76		290
10:28		6.8	1.00	10.5	0.70		296
10:28		6.8	1.00	10.5	0.72		296

PROFILES AT STEVESTON

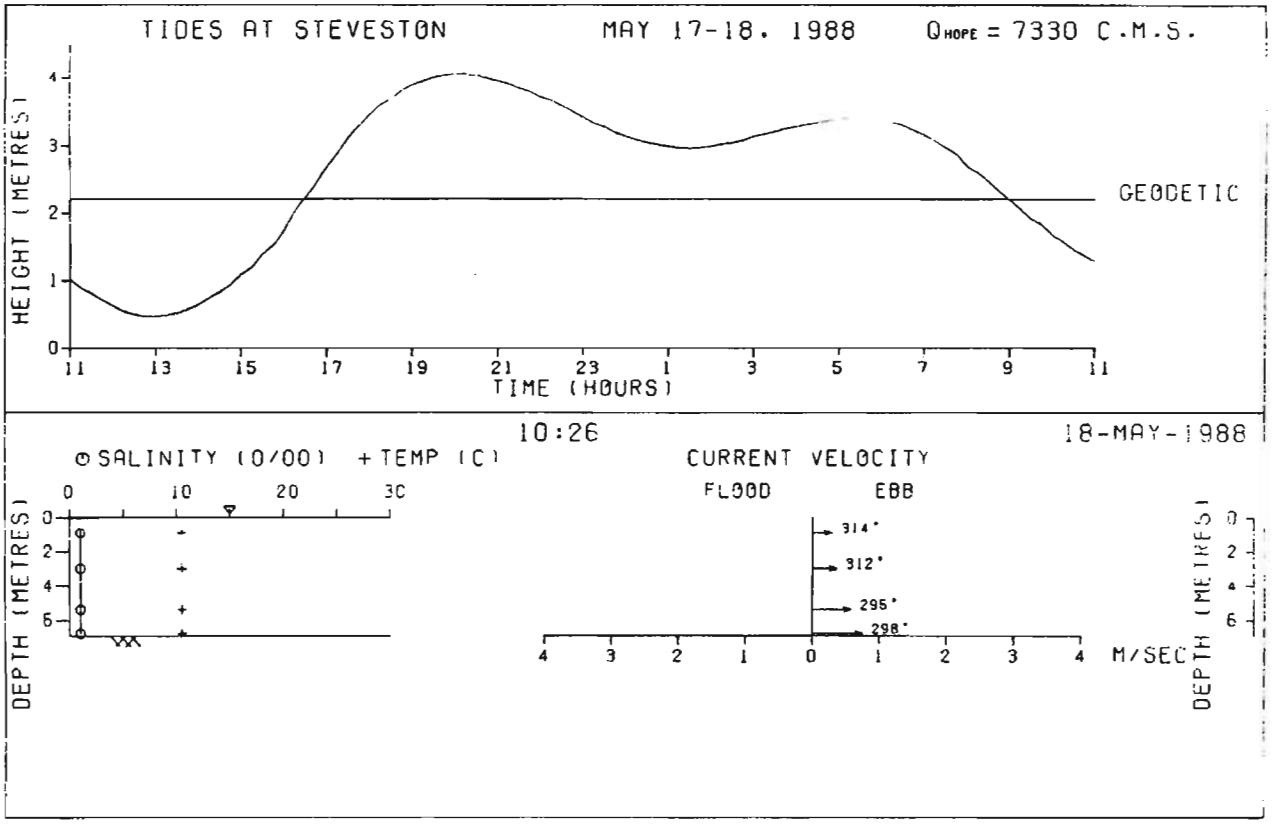








PROFILES AT STEVESTON



PROFILES AT WATER TOWER (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
11:43	0.8	1.00	10.5	0.35		271
11:43	0.8	1.00	10.4	0.55		238
11:43	1.0	1.00	10.5	0.33		235
11:43	1.2	1.00	10.5	0.52		264
11:43	1.5	1.00	10.4	0.31		253
11:43	1.6	1.00	10.4	0.42		281
11:43	1.7	1.00	10.4	0.48		289
11:43	1.9	1.00	10.5	0.37		287
11:43	2.1	1.00	10.4	0.65		288
11:43	2.5	1.00	10.4	0.66		278
11:43	2.6	1.00	10.4	0.57		302
11:43	2.9	1.00	10.4	1.10		285
11:43	3.1	1.00	10.4	0.92		286
11:43	3.3	1.00	10.4	0.63		283
11:43	3.6	1.00	10.4	0.86		268
11:43	3.8	1.00	10.4	0.97		284
11:43	4.1	1.00	10.4	0.79		287
11:43	4.4	1.00	10.4	0.85		275
11:43	4.6	1.00	10.4	0.93		284
11:44	4.9	1.00	10.4	0.86		277
11:44	5.1	1.00	10.4	0.63		283
11:44	5.4	1.00	10.4	1.17		273
11:44	5.6	1.00	10.4	1.37		282
11:44	5.9	1.00	10.4	1.02		268
11:44	6.8	1.00	10.4	1.10		290
11:44	7.1	1.00	10.4	1.28		285
11:44	7.9	1.00	10.4	1.13		282
11:44	8.5	1.00	10.4	1.32		277
11:44	9.2	1.00	10.4	1.06		265
11:44	9.7	1.00	10.4	0.68		278
11:44	9.9	1.00	10.4	0.80		297
11:44	9.9	1.00	10.4	0.75		274
11:44	9.9	1.00	10.4	1.07		285
11:44	9.9	1.00	10.4	0.99		273
11:44	9.9	1.00	10.4	0.92		261
11:44	9.9	1.00	10.4	0.66		266

PROFILES AT WATER TOWER (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
13:00	0.9	1.00	10.4	0.53		321
13:00	1.1	1.00	10.4	0.34		314
13:00	1.4	1.00	10.4	0.63		356
13:00	1.6	1.00	10.4	0.56		327
13:00	1.9	1.00	10.4	1.04		314
13:00	1.8	1.00	10.4	1.12		308
13:00	2.0	1.00	10.4	0.99		299
13:00	2.4	1.00	10.4	1.00		300
13:00	2.6	1.00	10.4	1.29		288
13:00	2.8	1.00	10.4	1.34		285
13:00	3.0	1.00	10.4	1.22		288
13:00	3.2	1.00	10.4	1.04		287
13:00	3.5	1.00	10.4	0.76		287
13:00	3.8	1.00	10.4	1.17		285
13:00	4.4	1.00	10.4	1.28		282
13:00	5.0	1.00	10.4	1.37		282
13:00	5.5	1.00	10.4	1.12		276
13:00	5.9	1.00	10.4	1.32		280
13:00	6.2	1.00	10.4	0.89		273
13:00	6.4	1.00	10.4	1.50		282
13:00	6.8	1.00	10.4	1.13		303
13:01	7.1	1.00	10.4	1.35		291
13:01	7.8	1.00	10.4	1.00		294
13:01	8.4	1.00	10.4	0.92		295
13:01	8.8	1.00	10.4	1.10		278
13:01	9.2	1.00	10.4	0.62		307
13:01	9.3	1.00	10.4	0.96		283
13:01	9.4	1.00	10.4	0.70		285
13:01	9.6	1.00	10.4	0.56		313
13:01	9.6	1.00	10.4	0.89		299
13:01	9.6	1.00	10.4	0.70		299
13:01	9.6	1.00	10.4	1.12		289
13:01	9.6	1.00	10.4	1.14		293
13:01	9.6	1.00	10.4	1.21		275
13:01	9.7	1.00	10.4	1.03		292
13:01	9.7	1.00	10.4	1.08		288
13:01	9.7	1.00	10.4	0.99		287
13:01	9.7	1.00	10.4	1.00		295
13:01	9.7	1.00	10.4	0.92		299
13:01	9.6	1.00	10.4	0.84		288
13:01	9.7	1.00	10.4	0.81		282
13:01	9.6	1.00	10.4	1.20		294

PROFILES AT WATER TOWER (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
14:01	0.9	1.00	10.3	0.43		347
14:01	1.1	1.00	10.3	0.64		000
14:01	1.4	1.00	10.3	0.51	047	
14:01	1.8	1.00	10.3	0.68		342
14:01	2.0	1.00	10.3	0.67		302
14:02	2.4	1.00	10.3	0.41	011	
14:02	2.6	1.00	10.3	0.97		286
14:02	2.9	1.00	10.3	0.84		291
14:02	3.2	1.00	10.3	0.90		316
14:02	3.4	1.00	10.3	0.93		316
14:02	3.7	1.00	10.3	0.99		293
14:02	3.9	1.00	10.3	1.01		312
14:02	4.1	1.00	10.3	1.09		295
14:02	4.4	1.00	10.3	1.09		301
14:02	4.9	1.00	10.3	1.40		288
14:02	5.3	1.00	10.3	1.15		291
14:02	5.6	1.00	10.3	1.28		293
14:02	5.8	1.00	10.3	1.25		312
14:02	5.9	1.00	10.3	1.37		287
14:02	6.3	1.00	10.3	1.20		282
14:02	6.8	1.00	10.3	1.25		296
14:02	7.2	1.00	10.3	1.26		289
14:02	8.0	1.00	10.3	1.14		302
14:02	8.6	1.00	10.3	1.07		280
14:02	8.8	1.00	10.3	1.24		281
14:02	9.0	1.00	10.3	1.28		276
14:03	9.1	1.00	10.3	0.88		288
14:03	9.3	1.00	10.3	1.13		282
14:03	9.3	1.00	10.3	0.95		286
14:03	9.3	1.00	10.3	0.95		287
14:03	9.3	1.00	10.3	1.11		292
14:03	9.3	1.00	10.3	1.01		290
14:03	9.3	1.00	10.3	1.02		298
14:03	9.3	1.00	10.3	1.09		287
14:03	9.3	1.00	10.3	1.03		289
14:03	9.3	1.00	10.3	1.11		289
14:03	9.3	1.00	10.3	1.08		290
14:03	9.3	1.00	10.3	1.10		293
14:03	9.3	1.00	10.3	0.93		295
14:03	9.3	1.00	10.3	0.73		278

PROFILES AT WATER TOWER (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
15:00	0.9	1.00	10.3	0.13		290
15:00	1.2	1.00	10.3	0.89		339
15:00	1.4	1.00	10.3	0.59		356
15:00	1.6	1.00	10.3	0.56		337
15:00	1.8	1.00	10.3	0.62		313
15:01	2.1	1.00	10.3	0.91		287
15:01	2.4	1.00	10.3	1.02		302
15:01	2.7	1.00	10.3	0.89		304
15:01	2.9	1.00	10.3	0.95		297
15:01	3.2	1.00	10.3	1.16		292
15:01	3.6	1.00	10.3	1.23		284
15:01	3.9	1.00	10.3	0.77		297
15:01	4.2	1.00	10.3	1.36		278
15:01	4.5	1.00	10.3	1.22		286
15:01	4.9	1.00	10.3	0.92		297
15:01	5.4	1.00	10.3	1.04		291
15:01	5.7	1.00	10.3	0.86		299
15:01	6.0	1.00	10.3	1.12		289
15:01	6.4	1.00	10.3	1.30		296
15:01	6.7	1.00	10.3	1.07		286
15:01	7.2	1.00	10.3	1.07		294
15:01	7.7	1.00	10.3	0.91		272
15:01	8.3	1.00	10.3	0.75		280
15:01	8.9	1.00	10.3	0.93		286
15:01	9.5	1.00	10.3	0.73		286
15:02	9.7	1.00	10.3	0.74		288
15:02	9.9	1.00	10.3	1.05		286
15:02	10.1	1.00	10.3	0.78		307
15:02	10.3	1.00	10.3	0.77		294
15:02	10.4	1.00	10.3	0.93		294
15:02	10.4	1.00	10.3	0.73		297
15:02	10.4	1.00	10.3	0.84		296
15:02	10.4	1.00	10.3	0.64		305
15:02	10.4	1.00	10.3	0.64		289
15:02	10.4	1.00	10.3	0.82		296
15:02	10.4	1.00	10.3	0.96		290
15:02	10.4	1.00	10.3	0.86		307

PROFILES AT WATER TOWER (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
16:01	10.3	1.00	10.2	0.48		292
16:01	10.3	1.00	10.2	0.51		299
16:01	10.3	1.00	10.2	0.77		295
16:01	10.3	1.00	10.2	0.87		288
16:01	10.0	1.00	10.2	0.89		253
16:01	9.5	1.00	10.2	0.76		274
16:01	9.0	1.00	10.2	0.67		271
16:01	8.5	1.00	10.2	0.60		286
16:01	7.9	1.00	10.2	0.77		265
16:01	7.3	1.00	10.2	0.85		255
16:01	6.6	1.00	10.2	0.80		272
16:01	5.9	1.00	10.3	1.18		272
16:02	4.8	1.00	10.2	1.14		266
16:02	4.5	1.00	10.3	0.78		271
16:02	4.0	1.00	10.3	0.71		248
16:02	3.7	1.00	10.3	0.84		255
16:02	3.3	1.00	10.3	0.80		246
16:02	3.0	1.00	10.3	0.72		256
16:02	2.7	1.00	10.3	0.61		250
16:02	2.3	1.00	10.3	0.53		266
16:02	2.0	1.00	10.3	0.43		255
16:02	1.7	1.00	10.3	0.43		238
16:02	1.4	1.00	10.3	0.51		244
16:02	1.1	1.00	10.3	0.40		294

PROFILES AT WATER TOWER (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
17:01	1.1	1.00	10.2	0.49		288
17:01	1.1	1.00	10.2	0.41		325
17:01	1.2	1.00	10.2	0.52		308
17:01	1.6	1.00	10.2	0.66		313
17:01	2.1	1.00	10.3	0.69		316
17:01	2.6	1.00	10.2	0.28	008	
17:01	3.1	1.00	10.3	0.59		319
17:01	3.6	1.00	10.2	0.81		318
17:01	4.0	1.00	10.2	0.65		325
17:01	4.6	1.00	10.2	0.77		303
17:01	5.1	1.00	10.2	0.68		296
17:01	5.6	1.00	10.2	0.61		310
17:01	6.1	1.00	10.2	0.75		299
17:01	6.6	1.00	10.2	0.77		290
17:01	7.1	1.00	10.2	0.72		306
17:01	7.6	1.00	10.2	0.71		300
17:01	8.1	1.00	10.2	0.65		285
17:01	8.7	1.00	10.2	0.64		309
17:01	9.2	1.00	10.2	0.64		280
17:02	9.7	1.00	10.2	0.62		308
17:02	10.2	1.00	10.2	0.60		295
17:02	10.5	1.00	10.2	0.62		283
17:02	10.5	1.00	10.2	0.62		307
17:02	10.5	1.00	10.2	0.67		280
17:02	10.5	1.00	10.2	0.67		302
17:02	10.5	1.00	10.2	0.67		286
17:02	10.5	1.00	10.2	0.58		312
17:02	10.5	1.00	10.2	0.58		293
17:02	10.5	1.00	10.2	0.51		314

PROFILES AT WATER TOWER (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
17:58	1.0	1.00	10.3	0.20		308
17:58	1.0	1.00	10.3	0.31		316
17:58	1.0	1.00	10.3	0.24		316
17:58	1.0	1.00	10.3	0.20		322
17:58	1.0	1.00	10.3	0.29		338
17:58	1.0	1.00	10.3	0.23		299
17:58	1.5	1.00	10.2	0.26		322
17:58	2.1	1.00	10.2	0.31		326
17:58	2.7	1.00	10.2	0.42		319
17:58	3.2	1.00	10.2	0.34		334
17:58	3.7	1.00	10.2	0.41		323
17:58	4.3	1.00	10.2	0.47		318
17:58	4.8	1.00	10.2	0.41		325
17:58	5.3	1.00	10.2	0.74		307
17:58	5.8	1.00	10.2	0.41		310
17:58	6.4	1.00	10.2	0.49		307
17:58	6.9	1.00	10.2	0.40		307
17:58	7.4	1.00	10.2	0.42		295
17:58	8.0	1.00	10.2	0.38		299
17:59	8.5	1.00	10.2	0.37		300
17:59	9.0	1.00	10.2	0.30		310
17:59	9.5	1.00	10.2	0.33		301
17:59	10.1	1.00	10.2	0.37		299
17:59	10.7	1.00	10.2	0.27		291
17:59	11.1	1.00	10.2	0.31		291
17:59	11.4	1.00	10.2	0.22		261
17:59	11.4	1.00	10.2	0.20		300
17:59	11.4	1.00	10.2	0.21		296
17:59	11.4	1.00	10.2	0.22		314
17:59	11.4	1.00	10.2	0.23		311
17:59	11.4	1.00	10.2	0.19		308
17:59	11.4	1.00	10.2	0.19		304
17:59	11.5	1.00	10.2	0.20		322

PROFILES AT WATER TOWER (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:59	0.8	1.00	10.3	0.14		316
18:59	1.1	1.00	10.2	0.15		316
18:59	1.4	1.00	10.3	0.15		320
18:59	1.7	1.00	10.3	0.23		333
18:59	1.9	1.00	10.3	0.25		337
18:59	2.2	1.00	10.3	0.24		333
18:59	2.4	1.00	10.3	0.27		335
18:59	2.7	1.00	10.3	0.19		325
18:59	3.0	1.00	10.3	0.25		331
18:59	3.2	1.00	10.2	0.29		329
19:00	3.5	1.00	10.2	0.28		330
19:00	3.8	1.00	10.2	0.29		329
19:00	4.1	1.00	10.2	0.29		327
19:00	4.4	1.00	10.2	0.28		323
19:00	4.7	1.00	10.2	0.28		324
19:00	5.0	1.00	10.2	0.28		322
19:00	5.3	1.00	10.2	0.29		319
19:00	5.6	1.00	10.2	0.28		319
19:00	6.2	1.00	10.2	0.26		313
19:00	6.4	1.00	10.2	0.26		310
19:00	6.7	1.00	10.2	0.28		306
19:00	7.0	1.00	10.2	0.24		305
19:00	7.3	1.00	10.2	0.25		301
19:00	7.6	1.00	10.2	0.25		305
19:00	7.9	1.00	10.2	0.22		300
19:00	8.2	1.00	10.2	0.23		300
19:00	8.5	1.00	10.2	0.23		302
19:00	8.8	1.00	10.2	0.19		306
19:00	9.0	1.00	10.2	0.16		302
19:01	9.3	1.00	10.2	0.14		301
19:01	9.6	1.00	10.2	0.13		300
19:01	10.0	1.00	10.2	0.14		300
19:01	10.3	1.00	10.2	0.13		297
19:01	10.6	1.00	10.2	0.16		306
19:01	10.8	1.00	10.2	0.12		299
19:01	11.1	1.00	10.2	0.13		291
19:01	11.4	1.00	10.2	0.15		297
19:01	11.7	1.00	10.2	0.10	172	
19:01	11.9	1.00	10.2	0.43		303
19:01	12.1	1.00	10.2	0.08		330
19:01	12.2	1.00	10.2	0.12		297
19:01	12.2	1.00	10.2	0.15		289
19:01	12.2	1.00	10.2	0.12		307
19:01	12.5	1.00	10.2	0.10		323
19:01	12.7	1.00	10.2	0.11		305
19:01	12.7	1.00	10.2	0.09		302

PROFILES AT WATER TOWER (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
20:00	0.4	1.00	10.3	0.06		321
20:01	0.4	1.00	10.3	0.05		357
20:01	0.4	1.00	10.3	0.12		316
20:01	0.4	1.00	10.3	0.11		323
20:01	0.4	1.00	10.3	0.10		323
20:01	0.4	1.00	10.2	0.09		331
20:01	0.8	1.00	10.2	0.10		306
20:01	1.2	1.00	10.2	0.19		328
20:01	1.6	1.00	10.2	0.21		338
20:01	2.0	1.00	10.2	0.24		344
20:01	2.4	1.00	10.2	0.22		339
20:01	2.9	1.00	10.2	0.24		340
20:01	3.3	1.00	10.2	0.23		340
20:01	3.8	1.00	10.2	0.24		334
20:01	4.2	1.00	10.2	0.27		334
20:01	4.6	1.00	10.2	0.25		338
20:01	5.0	1.00	10.2	0.25		342
20:01	5.4	1.00	10.2	0.24		331
20:01	5.9	1.00	10.2	0.27		333
20:01	6.3	1.00	10.2	0.26		327
20:01	6.7	1.00	10.2	0.26		323
20:02	7.1	1.00	10.2	0.24		324
20:02	7.6	1.00	10.2	0.23		317
20:02	8.0	1.00	10.2	0.23		314
20:02	8.4	1.00	10.2	0.23		309
20:02	8.9	1.00	10.2	0.23		304
20:02	9.3	1.00	10.2	0.23		305
20:02	9.7	1.00	10.2	0.22		310
20:02	10.2	1.00	10.2	0.25		312
20:02	10.6	1.00	10.2	0.23		310
20:02	11.0	1.00	10.2	0.22		316
20:02	11.4	1.00	10.2	0.22		311
20:02	11.9	1.00	10.2	0.21		311
20:02	12.2	1.00	10.2	0.20		288
20:02	12.2	1.00	10.2	0.19		311
20:02	12.2	1.00	10.2	0.20		305
20:02	12.2	1.00	10.2	0.20		295
20:02	12.2	1.00	10.2	0.18		304
20:02	12.2	1.00	10.2	0.18		297
20:02	12.2	1.00	10.2	0.16		308
20:02	12.2	1.00	10.2	0.22		315

PROFILES AT WATER TOWER (* = Plotted Value)

18-MAY-1988 RIVER DISCHARGE AT HOPE = 7330 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
20:59	0.8	1.00	10.2	0.16		287
20:59	0.8	1.00	10.2	0.19		300
20:59	0.8	1.00	10.2	0.18		318
21:00	0.7	1.00	10.2	0.22		286
21:00	0.7	1.00	10.2	0.21		330
21:00	0.7	1.00	10.2	0.18		299
21:00	0.7	1.00	10.2	0.17		334
21:00	0.8	1.00	10.2	0.22		294
21:00	0.7	1.00	10.2	0.22		322
21:00	0.9	1.00	10.2	0.29		305
21:00	1.4	1.00	10.2	0.25		350
21:00	1.9	1.00	10.2	0.20		332
21:00	2.5	1.00	10.2	0.23		337
21:00	3.0	1.00	10.2	0.30		319
21:00	3.5	1.00	10.2	0.35		330
21:00	4.0	1.00	10.2	0.37		328
21:00	4.5	1.00	10.2	0.36		326
21:00	5.0	1.00	10.2	0.37		326
21:00	5.5	1.00	10.2	0.38		319
21:00	6.1	1.00	10.2	0.38		317
21:00	6.6	1.00	10.2	0.32		310
21:00	7.0	1.00	10.2	0.36		309
21:00	7.5	1.00	10.2	0.36		309
21:00	8.0	1.00	10.2	0.37		308
21:01	8.4	1.00	10.2	0.37		303
21:01	8.9	1.00	10.2	0.41		303
21:01	9.3	1.00	10.2	0.40		302
21:01	9.8	1.00	10.2	0.36		303
21:01	10.3	1.00	10.2	0.27		300
21:01	10.7	1.00	10.2	0.30		292
21:01	11.2	1.00	10.2	0.25		298
21:01	11.7	1.00	10.2	0.32		298
21:01	12.2	1.00	10.2	0.26		298
21:01	12.6	1.00	10.2	0.25		297
21:01	12.8	1.00	10.2	0.08		333
21:01	12.9	1.00	10.2	0.15		324
21:01	12.8	1.00	10.2	0.15		318
21:01	12.9	1.00	10.2	0.17		311
21:01	12.8	1.00	10.2	0.17		322
21:01	12.9	1.00	10.2	0.14		315

PROFILES AT WATER TOWER (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
0:18	1.8	1.00	10.1	0.76		342
0:18	2.0	1.00	10.1	0.61		330
0:18	2.4	1.00	10.1	1.14		300
0:18	2.8	1.00	10.1	1.22		307
0:18	3.2	1.00	10.1	1.03		321
0:18	3.5	1.00	10.1	0.92		312
0:18	3.9	1.00	10.1	1.08		302
0:18	4.3	1.00	10.1	1.17		292
0:19	4.7	1.00	10.1	0.97		299
0:19	5.1	1.00	10.1	1.09		299
0:19	5.5	1.00	10.1	1.06		302
0:19	5.9	1.00	10.1	1.05		293
0:19	6.4	1.00	10.1	1.13		290
0:19	6.9	1.00	10.1	0.98		294
0:19	7.3	1.00	10.1	1.04		292
0:19	7.8	1.00	10.1	1.02		289
0:19	8.3	1.00	10.1	0.93		294
0:19	8.7	1.00	10.1	0.88		298
0:19	9.0	1.00	10.1	0.88		288
0:19	9.3	1.00	10.1	0.88		289
0:19	9.5	1.00	10.1	0.90		286
0:19	9.7	1.00	10.1	0.73		300
0:19	9.8	1.00	10.1	0.84		307
0:19	9.9	1.00	10.1	0.92		307
0:19	10.0	1.00	10.1	0.86		309
0:19	10.2	1.00	10.1	0.89		303
0:19	10.4	1.00	10.1	0.93		299
0:19	10.6	1.00	10.1	0.96		302
0:19	10.9	1.00	10.1	0.92		304
0:20	11.2	1.00	10.1	0.90		288
0:20	11.6	1.00	10.1	0.79		291
0:20	11.9	1.00	10.1	0.70		298
0:20	12.1	1.00	10.1	0.70		279

PROFILES AT WATER TOWER (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
0:59	12.1	1.00	10.0	0.64		297
0:59	12.1	1.00	10.0	0.79		288
0:59	11.8	1.00	10.0	0.84		280
0:59	11.4	1.00	10.0	0.62		293
0:59	11.2	1.00	10.0	0.62		312
0:59	11.1	1.00	10.0	0.65		294
0:59	10.8	1.00	10.0	0.68		297
0:59	10.6	1.00	10.0	0.62		299
0:59	10.1	1.00	10.0	0.60		305
0:59	9.8	1.00	10.0	0.69		322
0:59	9.4	1.00	10.0	0.55		283
0:59	9.1	1.00	10.0	0.56		278
0:59	8.8	1.00	10.0	0.47		294
0:59	8.4	1.00	10.0	0.42		289
0:59	8.1	1.00	10.0	0.35		287
0:59	7.7	1.00	10.0	0.43		296
0:59	7.4	1.00	10.0	0.09		250
0:59	7.1	1.00	10.0	0.44		313
0:59	6.8	1.00	10.0	0.34		333
1:00	6.5	1.00	10.0	0.30		284
1:00	6.1	1.00	10.0	0.33		307
1:00	5.8	1.00	10.0	0.25		261
1:00	5.6	1.00	10.0	0.33		314
1:00	5.3	1.00	10.1	0.21		297
1:00	5.1	1.00	10.0	0.32		312
1:00	4.8	1.00	10.0	0.28		266
1:00	4.5	1.00	10.1	0.44		315
1:00	4.2	1.00	10.1	0.07		249
1:00	3.9	1.00	10.1	0.27		342
1:00	3.7	1.00	10.1	0.16		277
1:00	3.4	1.00	10.1	0.37		283
1:00	3.2	1.00	10.1	0.28		320
1:00	3.0	1.00	10.0	0.25		271
1:00	2.8	1.00	10.1	0.34		260
1:00	2.6	1.00	10.1	0.04		255
1:00	2.3	1.00	10.1	0.17		253
1:00	2.0	1.00	10.1	0.41		270
1:00	1.8	1.00	10.1	0.09	004	
1:00	1.6	1.00	10.1	0.05		298
1:00	1.4	1.00	10.0	0.30		294
1:01	1.1	1.00	10.0	0.26		303
1:01	1.0	1.00	10.1	0.38		277
1:01	0.7	1.00	10.1	0.19		306
1:01	0.7	1.00	10.1	0.14		274
1:01	0.6	1.00	10.1	0.12		284
1:01	0.7	1.00	10.1	0.10	027	

PROFILES AT WATER TOWER (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
3:58	11.3	1.00	9.9	0.69		302
3:58	11.3	1.00	9.9	0.72		300
3:58	11.3	1.00	9.9	0.73		291
3:58	11.3	1.00	9.9	0.64		304
3:58	11.3	1.00	9.9	0.77		282
3:58	11.3	1.00	9.9	0.65		313
3:58	11.4	1.00	9.9	0.67		286
3:58	11.4	1.00	9.9	0.65		282
3:58	11.4	1.00	9.9	0.57		308
3:58	11.4	1.00	9.9	0.53		289
3:58	11.4	1.00	9.9	0.61		274
3:58	11.4	1.00	9.9	0.57		288
3:58	11.4	1.00	9.9	0.59		297
3:58	11.4	1.00	9.9	0.73		280
3:58	11.4	1.00	9.9	0.65		291
3:58	11.4	1.00	9.9	0.70		285
3:58	11.4	1.00	9.9	0.69		299
3:58	11.3	1.00	9.9	0.85		290
3:58	10.7	1.00	9.9	0.77		287
3:58	10.0	1.00	9.9	0.68		282
3:58	9.3	1.00	9.9	0.53		284
3:59	8.7	1.00	9.9	0.61		272
3:59	8.1	1.00	9.9	0.71		262
3:59	7.4	1.00	9.9	0.43		258
3:59	6.8	1.00	9.9	0.06	030	
3:59	6.2	1.00	9.9	0.28		271
3:59	5.9	1.00	9.9	0.24		293
3:59	5.6	1.00	10.0	0.24		286
3:59	5.3	1.00	10.0	0.30	035	
3:59	4.9	1.00	10.0	0.13		216
3:59	4.6	1.00	10.0	0.19		340
3:59	4.3	1.00	9.9	0.40		294
3:59	4.0	1.00	9.9	0.19		358
3:59	3.7	1.00	10.0	0.08		351
3:59	3.4	1.00	10.0	0.23		314
3:59	3.1	1.00	10.0	0.62		301
3:59	2.8	1.00	10.0	0.25		321
3:59	2.4	1.00	10.0	0.09		200
3:59	2.1	1.00	10.0	0.24	016	
3:59	1.8	1.00	10.0	0.24	117	
3:59	1.5	1.00	10.0	0.14	010	
3:59	1.2	1.00	9.9	0.04	167	
4:00	0.9	1.00	10.0	0.09		333
4:00	0.7	1.00	10.0	0.18		232

PROFILES AT WATER TOWER (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
5:58	11.2	1.00	9.8	0.73		286
5:58	10.8	1.00	9.8	0.67		305
5:58	10.5	1.00	9.8	0.49		310
5:58	10.2	1.00	9.8	0.46		312
5:58	9.9	1.00	9.8	0.63		308
5:58	9.7	1.00	9.8	0.75		287
5:59	9.5	1.00	9.8	0.69		276
5:59	9.2	1.00	9.8	0.60		261
5:59	9.0	1.00	9.8	0.71		297
5:59	8.7	1.00	9.8	0.86		297
5:59	8.5	1.00	9.8	0.64		305
5:59	8.3	1.00	9.8	0.82		283
5:59	8.0	1.00	9.8	0.50		288
5:59	7.8	1.00	9.8	0.73		270
5:59	7.6	1.00	9.8	0.64		296
5:59	7.5	1.00	9.8	0.54		298
5:59	7.2	1.00	9.8	0.36		318
5:59	7.0	1.00	9.8	0.37		287
5:59	6.8	1.00	9.8	0.34		307
5:59	6.6	1.00	9.8	0.51		286
5:59	6.5	1.00	9.8	0.27		316
5:59	6.3	1.00	9.8	0.40		322
5:59	6.1	1.00	9.8	0.37		268
5:59	5.9	1.00	9.8	0.21		337
5:59	5.7	1.00	9.8	0.26	020	
5:59	5.5	1.00	9.8	0.30		280
5:59	5.3	1.00	9.8	0.40		299
6:00	5.2	1.00	9.8	0.39		317
6:00	5.0	1.00	9.8	0.29		342
6:00	4.7	1.00	9.8	0.48		318
6:00	4.6	1.00	9.8	0.20	007	
6:00	4.4	1.00	9.8	0.30		283
6:00	4.1	1.00	9.8	0.19	009	
6:00	3.9	1.00	9.8	0.24		333
6:00	3.7	1.00	9.9	0.35		345
6:00	3.4	1.00	9.9	0.61		274
6:00	3.3	1.00	9.9	0.19		297
6:00	3.2	1.00	9.8	0.31		288
6:00	3.0	1.00	9.9	0.36		341
6:00	2.8	1.00	9.8	0.29		284
6:00	2.7	1.00	9.8	0.20	031	
6:00	2.4	1.00	9.8	0.18		328
6:00	2.2	1.00	9.8	0.04		233
6:00	2.0	1.00	9.9	0.39		298
6:00	1.7	1.00	9.8	0.39	069	
6:00	1.6	1.00	9.8	0.19		323

PROFILES AT WATER TOWER (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
6:00	1.4	1.00	9.8	0.06		350
6:01	1.3	1.00	9.8	0.40		300
6:01	1.1	1.00	9.8	0.20		316
6:01	1.0	1.00	9.8	0.11		225
6:01	0.7	1.00	9.8	0.36		306

PROFILES AT WATER TOWER (* = Plotted Value)

19-MAY-1988 RIVER DISCHARGE AT HOPE = 6830 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
7:57	11.5	1.00	9.8	0.80		308
7:57	11.5	1.00	9.8	0.74		301
7:57	11.3	1.00	9.8	0.88		286
7:57	10.8	1.00	9.8	0.81		299
7:57	10.3	1.00	9.8	0.74		290
7:57	9.8	1.00	9.8	0.80		285
7:57	9.3	1.00	9.8	0.78		282
7:57	8.7	1.00	9.8	0.86		294
7:57	8.1	1.00	9.8	0.59		289
7:57	7.5	1.00	9.8	0.69		291
7:57	6.8	1.00	9.8	0.70		284
7:58	6.3	1.00	9.8	0.65		282
7:58	5.8	1.00	9.8	0.56		302
7:58	5.4	1.00	9.8	0.59		270
7:58	4.9	1.00	9.8	0.40		259
7:58	4.4	1.00	9.8	0.56		293
7:58	3.9	1.00	9.8	0.65		300
7:58	3.3	1.00	9.8	0.09		318
7:58	2.7	1.00	9.8	0.26		309
7:58	2.1	1.00	9.8	0.15		234
7:58	1.6	1.00	9.8	0.59		289
7:58	1.1	1.00	9.8	0.23	013	
7:58	0.6	1.00	9.8	0.25		320
7:58	0.4	1.00	9.9	0.17		211
7:58	0.4	1.00	9.9	0.17		182
7:58	0.4	1.00	9.9	0.17		241
7:58	0.4	1.00	9.9	0.17		269
7:58	0.4	1.00	9.9	0.12		246
7:58	0.3	1.00	9.9	0.29		288
7:58	0.4	1.00	9.9	0.23		271
7:58	0.4	1.00	9.8	0.33		272

PROFILES AT DEAS ISLAND (* = Plotted Value)

20-MAR-1989 RIVER DISCHARGE AT HOPE = 666 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
10:31	*	1.1	3.74	5.4	0.38		229
10:32		1.1	3.66	5.5	0.20		170
10:32		1.0	3.80	5.4	0.34		216
10:32		1.0	3.76	5.4	0.19		274
10:32		1.0	3.88	5.4	0.32		256
10:32		1.0	3.83	5.4	0.67		253
10:32		1.0	3.91	5.3	0.24		161
10:32		1.0	3.96	5.3	0.20		230
10:32		1.0	4.00	5.3	0.60		238
10:32		1.1	4.05	5.3	0.43		194
10:32		1.3	4.36	5.2	0.29	134	
10:32		1.7	5.46	5.2	0.25		174
10:32		2.1	6.98	5.4	0.12		229
10:32		2.7	7.21	5.4	0.23		154
10:32		3.2	7.54	5.5	0.21		260
10:32	*	3.8	7.69	5.5	0.35		275
10:32		4.4	7.89	5.5	0.46		214
10:32		5.0	7.98	5.5	0.51		228
10:32		5.6	8.17	5.6	0.91		233
10:32	*	6.2	8.69	5.6	0.78		227
10:32		6.8	11.31	5.8	0.63		217
10:32		7.4	15.02	6.2	0.59		217
10:33		7.9	16.32	6.3	0.31		213
10:33		8.0	16.39	6.3	0.28		205
10:33		7.9	16.37	6.3	0.55		223
10:33		7.8	16.53	6.3	0.46		208
10:33	*	7.8	16.44	6.3	0.40		213
10:33		7.8	16.52	6.3	0.36		211
10:33		7.9	16.50	6.3	0.38		212
10:33		7.8	16.38	6.3	0.41		218

PROFILES AT DEAS ISLAND (* = Plotted Value)

20-MAR-1989 RIVER DISCHARGE AT HOPE = 666 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
11:00	1.1	3.56	5.4	0.55		250
11:00	1.2	3.51	5.4	0.36		158
11:00	1.2	3.56	5.4	0.22		192
11:00	1.2	3.52	5.4	0.38	113	
11:00	1.2	3.62	5.3	0.48	089	
11:00	1.2	3.62	5.3	0.29		168
11:00	1.2	3.64	5.3	0.53		243
11:00	1.2	3.76	5.3	0.17	102	
11:00	1.5	4.11	5.2	0.04	022	
11:00	1.9	5.08	5.3	0.13		241
11:01	2.4	5.52	5.3	0.22	095	
11:01	3.1	6.33	5.4	0.20		181
11:01	3.7	6.70	5.4	0.19		196
11:01	4.3	7.21	5.5	0.28		199
11:01	5.0	7.31	5.5	0.63		223
11:01	5.7	7.68	5.5	0.72		194
11:01	6.4	10.67	5.7	0.70		212
11:01	7.0	14.10	6.1	0.59		216
11:01	7.8	15.10	6.2	0.51		223
11:01	7.9	15.25	6.2	0.42		220
11:01	7.9	15.26	6.2	0.49		230
11:01	7.9	15.20	6.2	0.41		224
11:01	7.9	15.11	6.2	0.31		203
11:01	8.0	15.35	6.2	0.29		214
11:01	7.9	15.36	6.2	0.36		216

PROFILES AT DEAS ISLAND (* = Plotted Value)

20-MAR-1989 RIVER DISCHARGE AT HOPE = 666 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
12:00	1.7	4.06	5.4	0.37		142
12:00	1.7	4.06	5.4	0.35	321	
12:00	1.7	4.05	5.4	0.43		229
12:00	1.7	4.03	5.4	0.62		214
12:00	1.7	3.98	5.5	0.08	347	
12:00	1.7	4.00	5.4	0.59		153
12:00	1.7	4.07	5.4	0.38		261
12:00	1.9	4.21	5.4	0.59		262
12:00	2.1	4.23	5.4	0.36		252
12:00	2.4	4.27	5.4	0.22		276
12:00	2.9	4.98	5.4	0.23	123	
12:00	3.4	5.23	5.4	0.42		165
12:00	4.5	5.52	5.4	0.34		215
12:00	5.2	5.78	5.4	0.54		237
12:00	5.9	6.46	5.4	0.80		231
12:00	6.6	8.31	5.6	0.75		226
12:00	7.3	13.72	6.0	0.46		242
12:00	8.1	14.07	6.1	0.34		240
12:00	8.8	14.16	6.1	0.17		222
12:01	9.0	14.18	6.1	0.25		190
12:01	8.9	14.19	6.1	0.13		234
12:01	8.9	14.19	6.1	0.16		243
12:01	8.9	14.18	6.1	0.17		239
12:01	8.9	14.15	6.1	0.14		233

PROFILES AT DEAS ISLAND (* = Plotted Value)

20-MAR-1989 RIVER DISCHARGE AT HOPE = 666 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
13:02	1.7	3.81	5.3	0.56		180
13:02	1.7	3.83	5.4	0.40		150
13:02	2.0	4.04	5.3	0.76		188
13:02	2.3	4.31	5.3	0.81		205
13:02	2.8	4.47	5.3	0.45		222
13:02	3.3	4.83	5.3	0.41		267
13:02	3.9	5.21	5.4	0.58		222
13:02	4.6	5.29	5.4	0.38		233
13:02	5.2	5.42	5.4	0.34		210
13:02	5.8	5.89	5.4	0.60		205
13:02	6.4	8.94	5.6	0.29		195
13:02	7.0	10.07	5.7	0.08		201
13:02	7.6	10.59	5.8	0.06		172
13:03	8.2	10.77	5.8	0.03		207
13:03	8.8	10.83	5.8	0.03	052	
13:03	9.1	10.85	5.8	0.07		299
13:03	9.1	10.89	5.8	0.05		233
13:03	9.1	10.91	5.8	0.08		218
13:03	9.1	10.92	5.8	0.09		193

PROFILES AT DEAS ISLAND (* = Plotted Value)

20-MAR-1989 RIVER DISCHARGE AT HOPE = 666 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
14:00	1.9	3.02	5.3	0.62		194
14:00	1.9	3.03	5.3	0.64		193
14:00	2.0	3.03	5.3	0.64		195
14:00	1.9	3.04	5.2	0.69		198
14:00	1.7	2.99	5.6	0.68		197
14:00	1.5	2.94	5.5	0.62		193
14:00	1.3	3.06	5.3	0.66		196
14:00	2.3	3.32	5.2	0.62		195
14:00	2.8	3.74	5.3	0.52		202
14:00	3.3	4.24	5.3	0.52		204
14:00	4.0	4.59	5.3	0.37		206
14:00	4.8	4.81	5.3	0.32		212
14:00	5.6	5.14	5.4	0.28		219
14:00	6.3	5.51	5.5	0.24		221
14:00	7.1	7.05	5.6	0.14		231
14:00	9.3	7.81	5.4	0.06		189
14:00	9.0	9.98	5.6	0.04		273
14:00	9.2	12.51	5.9	0.07	018	
14:00	9.6	13.73	6.1	0.07	023	
14:01	9.5	14.10	6.1	0.08	032	
14:01	9.6	14.08	6.0	0.18	073	

PROFILES AT DEAS ISLAND (* = Plotted Value)

20-MAR-1989 RIVER DISCHARGE AT HOPE = 666 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
15:00	4.0	3.94	5.3	0.09		218
15:01	4.5	4.18	5.3	0.06		292
15:01	5.1	4.70	5.4	0.02		300
15:01	5.6	4.85	5.4	0.04	356	
15:01	6.2	6.26	5.5	0.08	015	
15:01	6.7	6.72	5.4	0.10	038	
15:01	7.3	7.57	5.5	0.10	351	
15:01	7.8	9.25	5.7	0.20	347	
15:01	8.4	9.96	5.7	0.31	011	
15:01	8.9	11.06	5.9	0.32	010	
15:01	9.5	11.80	5.9	0.30	004	
15:01	9.8	11.66	5.9	0.30	005	
15:01	9.8	11.79	5.9	0.26	003	
15:01	9.7	11.88	5.9	0.27	007	
15:01	9.7	11.85	5.9	0.28	012	
15:01	9.7	11.77	5.9	0.29	014	
15:01	9.7	11.88	5.9	0.27	013	
15:01	9.7	11.78	5.9	0.23	022	
15:01	9.7	11.84	5.9	0.26	025	
15:01	9.7	11.78	5.9	0.34	036	
15:02	9.7	11.85	5.9	0.28	066	
15:02	9.7	11.88	5.9	0.29	055	

PROFILES AT DEAS ISLAND (* = Plotted Value)

20-MAR-1989 RIVER DISCHARGE AT HOPE = 666 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
16:00	0.7	2.30	5.3	0.10		173
16:00	0.8	2.28	5.3	0.10		197
16:00	0.7	2.26	5.3	0.10		170
16:01	0.7	2.28	5.3	0.10		187
16:01	0.7	2.31	5.3	0.12		177
16:01	0.7	2.31	5.3	0.10		192
16:01	0.7	2.31	5.3	0.11		182
16:01	0.8	2.31	5.3	0.08		192
16:01	0.7	2.33	5.3	0.12		200
16:01	0.7	2.41	5.3	0.10		191
16:01	1.0	2.55	5.3	0.09		205
16:01	1.5	2.66	5.2	0.10		188
16:01	1.9	2.77	5.3	0.07		224
16:01	2.4	2.88	5.3	0.07		211
16:01	2.9	2.94	5.3	0.04		263
16:01	3.4	4.02	5.4	0.06		293
16:01	3.9	4.23	5.4	0.03		310
16:01	4.4	5.26	5.4	0.13	359	
16:01	5.0	6.29	5.5	0.17	017	
16:01	5.5	6.97	5.6	0.19	008	
16:01	6.0	7.97	5.6	0.25	015	
16:01	6.5	8.30	5.6	0.25	026	
16:01	7.0	8.67	5.7	0.26	006	
16:02	7.6	9.40	5.7	0.27	008	
16:02	8.1	11.49	5.9	0.30	023	
16:02	8.7	12.55	6.0	0.36	025	
16:02	9.1	14.16	6.1	0.36	020	
16:02	9.7	15.07	6.2	0.28	013	
16:02	10.1	15.30	6.2	0.21	359	
16:02	10.0	15.28	6.2	0.20	002	
16:02	10.0	15.30	6.2	0.19	353	
16:02	10.0	15.30	6.2	0.21	358	
16:02	10.1	15.32	6.2	0.18	356	
16:02	10.1	15.33	6.2	0.17	359	
16:02	10.1	15.35	6.2	0.18	002	
16:02	10.1	15.33	6.2	0.18	358	
16:02	10.0	15.29	6.2	0.19	005	

PROFILES AT DEAS ISLAND (* = Plotted Value)

20-MAR-1989 RIVER DISCHARGE AT HOPE = 666 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
17:00	1.2	2.21	5.4	0.04		156
17:00	1.2	2.20	5.4	0.11		186
17:00	1.2	2.19	5.4	0.09		193
17:00	1.2	2.20	5.4	0.01		163
17:00	1.2	2.20	5.4	0.02		172
17:00	1.2	2.20	5.4	0.06		200
17:00	1.2	2.20	5.4	0.06		248
17:00	1.2	2.28	5.4	0.15		218
17:00	1.6	2.57	5.3	0.19		215
17:00	2.9	3.66	5.4	0.08		225
17:00	3.5	4.81	5.4	0.06	069	
17:00	4.2	5.99	5.5	0.12	034	
17:00	4.7	7.20	5.7	0.21	028	
17:00	5.2	7.57	5.7	0.26	049	
17:00	5.7	8.55	5.8	0.33	034	
17:00	6.1	9.13	5.8	0.25	026	
17:00	6.6	9.85	5.8	0.26	025	
17:01	7.0	10.89	5.9	0.31	035	
17:01	7.4	12.34	6.0	0.41	038	
17:01	7.8	14.32	6.2	0.41	033	
17:01	8.3	15.99	6.3	0.35	032	
17:01	8.7	16.55	6.4	0.28	024	
17:01	9.1	16.98	6.4	0.14	356	
17:01	9.2	17.19	6.4	0.18	359	
17:01	9.2	17.27	6.4	0.21	003	
17:01	9.2	17.35	6.4	0.30	010	
17:01	9.2	17.38	6.4	0.25	017	
17:01	9.2	17.47	6.4	0.31	019	
17:01	9.2	17.51	6.4	0.27	359	
17:01	9.2	17.56	6.4	0.27	035	
17:01	9.3	17.55	6.4	0.28	010	

PROFILES AT DEAS ISLAND (* = Plotted Value)

20-MAR-1989 RIVER DISCHARGE AT HOPE = 666 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:00		0.8	2.27	5.4	0.32		244
18:00	*	0.8	2.26	5.4	0.27		229
18:00		0.8	2.26	5.4	0.26		223
18:00		0.8	2.27	5.4	0.20		205
18:00		0.8	2.26	5.4	0.26		223
18:00		0.8	2.27	5.4	0.25		239
18:00		0.9	2.25	5.4	0.25		217
18:00		0.9	2.26	5.4	0.17		223
18:00		0.9	2.25	5.4	0.20		213
18:00		0.9	2.27	5.4	0.30		241
18:00		0.9	2.29	5.4	0.22		204
18:00		1.1	2.44	5.3	0.24		246
18:00	*	1.7	3.51	5.4	0.18		243
18:01		2.3	4.54	5.4	0.13	115	
18:01		2.9	4.79	5.5	0.06		298
18:01		3.6	5.57	5.5	0.12	340	
18:01	*	4.3	7.10	5.7	0.20	024	
18:01		5.0	8.33	5.7	0.15	003	
18:01		5.6	9.50	5.8	0.22	016	
18:01		6.3	11.76	6.0	0.33	029	
18:01		6.9	14.24	6.1	0.38	035	
18:01		7.6	16.55	6.4	0.45	025	
18:01		8.3	17.04	6.4	0.40	021	
18:01		8.9	18.74	6.6	0.42	016	
18:01		9.6	19.50	6.6	0.33	020	
18:01		10.3	20.09	6.7	0.24	016	
18:01		10.3	20.15	6.7	0.20	030	
18:01		10.3	20.20	6.7	0.20	027	
18:01		10.3	20.23	6.7	0.18	024	
18:01	*	10.3	20.24	6.7	0.18	031	
18:01		10.3	20.20	6.6	0.18	021	
18:01		10.3	20.23	6.7	0.18	022	
18:01		10.3	20.21	6.6	0.18	024	

PROFILES AT DEAS ISLAND (* = Plotted Value)

20-MAR-1989 RIVER DISCHARGE AT HOPE = 666 CU.M/SEC

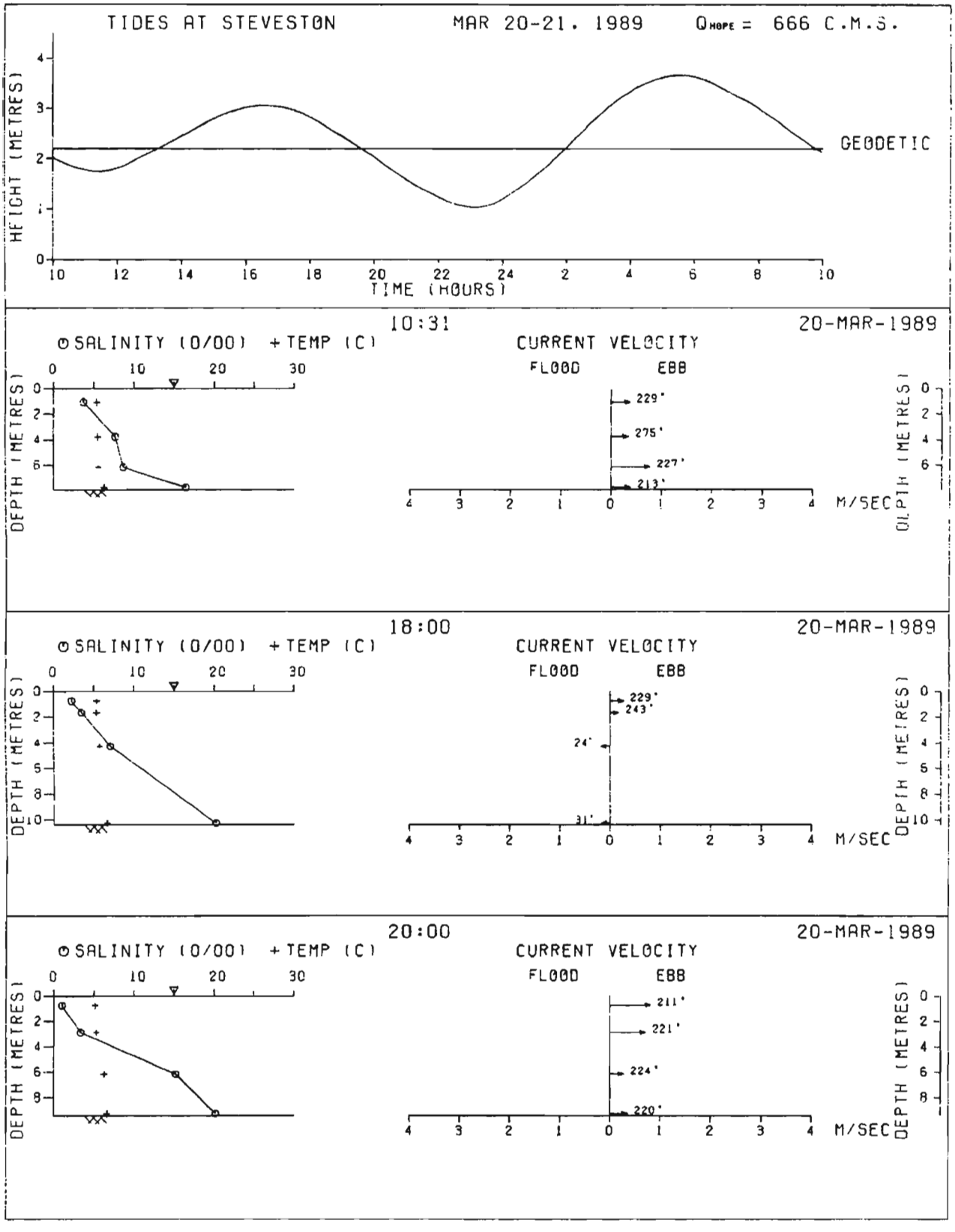
TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
19:00	0.9	1.00	5.2	0.46		200
19:00	0.9	1.00	5.2	0.57	120	
19:00	1.1	1.00	5.2	0.30		190
19:00	1.6	1.00	5.3	0.21		145
19:00	2.0	2.34	5.3	0.47		201
19:00	2.5	3.12	5.3	0.35		228
19:00	3.0	4.84	5.4	0.25		168
19:00	3.5	7.58	5.7	0.06	032	
19:00	4.0	7.89	5.7	0.09		168
19:00	4.6	7.92	5.7	0.24	046	
19:00	5.0	7.97	5.7	0.05		274
19:00	5.5	8.17	5.7	0.06	320	
19:00	6.1	9.46	5.8	0.06		302
19:00	6.6	12.55	6.0	0.07	017	
19:00	7.1	15.29	6.3	0.22	016	
19:00	7.6	17.17	6.5	0.26	035	
19:00	8.1	18.33	6.6	0.23	036	
19:00	8.6	19.10	6.6	0.16	015	
19:00	9.1	19.86	6.7	0.11	017	
19:01	9.5	20.26	6.7	0.07	049	
19:01	9.5	20.46	6.7	0.09	043	
19:01	9.5	20.62	6.7	0.09	040	
19:01	9.5	20.74	6.7	0.08	045	
19:01	9.5	20.81	6.7	0.09	042	
19:01	9.5	20.86	6.7	0.08	037	
19:01	9.5	20.91	6.7	0.08	035	
19:01	9.5	20.94	6.7	0.07	039	
19:01	9.5	20.95	6.7	0.07	032	

PROFILES AT DEAS ISLAND (* = Plotted Value)

20-MAR-1989 RIVER DISCHARGE AT HOPE = 666 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
20:00		0.8	1.00	5.2	0.85		216
20:00	*	0.8	1.00	5.2	0.81		211
20:00		0.8	1.00	5.2	0.88		213
20:00		0.8	1.00	5.2	0.67		212
20:00		0.8	1.00	5.2	0.81		216
20:00		0.9	1.00	5.2	1.29		227
20:00		0.8	1.00	5.2	0.81		209
20:00		0.8	1.00	5.2	0.85		213
20:00		0.8	1.00	5.2	0.77		213
20:00		1.1	2.36	5.2	0.60		222
20:00		1.6	2.78	5.3	0.65		215
20:00		2.2	3.08	5.3	0.69		221
20:00	*	2.9	3.32	5.3	0.71		221
20:00		3.5	3.64	5.3	0.65		223
20:00		4.2	3.84	5.3	0.61		225
20:00		4.9	7.89	5.7	0.38		219
20:00		5.5	10.99	5.9	0.40		233
20:00	*	6.2	15.20	6.3	0.28		224
20:00		6.9	16.25	6.3	0.17		238
20:00		7.5	17.23	6.4	0.11		245
20:01		8.1	18.80	6.5	0.16		212
20:01		8.8	19.92	6.7	0.24		210
20:01		9.3	20.38	6.7	0.36		209
20:01		9.2	20.51	6.7	0.35		206
20:01		9.3	20.48	6.7	0.36		213
20:01		9.2	20.57	6.7	0.35		214
20:01		9.2	20.51	6.7	0.37		216
20:01		9.2	20.47	6.7	0.34		218
20:01		9.2	20.39	6.7	0.32		223
20:01		9.2	20.41	6.7	0.31		218
20:01		9.2	20.37	6.6	0.32		220
20:01		9.2	20.42	6.7	0.34		220
20:01		9.2	20.36	6.7	0.29		213
20:01	*	9.3	20.16	6.6	0.36		220
20:01		9.3	20.22	6.6	0.26		210
20:01		9.3	20.67	6.7	0.33		220
20:01		9.3	20.60	6.7	0.31		216
20:01		9.3	20.49	6.7	0.30		215

PROFILES AT DEAS ISLAND



PROFILES AT DEAS ISLAND (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
2:02		1.2	1.00	5.1	0.13		169
2:03		1.4	1.00	5.1	0.16	126	
2:03	*	1.6	1.00	5.1	0.17		165
2:03		1.8	1.00	5.1	0.16		166
2:03		2.1	1.00	5.1	0.18		189
2:03		2.3	1.00	5.1	0.13		186
2:03		2.5	1.00	5.1	0.16		213
2:03		2.8	1.00	5.1	0.14		203
2:03		3.0	1.00	5.1	0.10		204
2:03		3.2	1.00	5.1	0.05		198
2:03		3.5	1.00	5.2	0.21		150
2:03	*	3.7	1.00	5.2	0.15		209
2:03		3.9	2.31	5.2	0.05		251
2:03		4.2	2.40	5.2	0.19		207
2:03		4.4	2.44	5.2	0.24	017	
2:03		4.6	2.46	5.2	0.05	354	
2:03	*	4.9	2.52	5.2	0.12	037	
2:03		5.1	2.66	5.2	0.03		300
2:03		5.4	2.77	5.2	0.10	007	
2:03		5.6	2.88	5.2	0.06	341	
2:03		5.8	2.93	5.2	0.09	009	
2:03		6.1	2.98	5.2	0.09	010	
2:04		6.3	3.00	5.2	0.11	356	
2:04		6.6	3.01	5.2	0.11	011	
2:04		6.8	3.02	5.2	0.12	016	
2:04		7.0	3.02	5.2	0.12	006	
2:04		7.3	3.07	5.3	0.12	002	
2:04		7.5	3.12	5.3	0.12	000	
2:04		7.8	3.24	5.3	0.13	017	
2:04		8.0	3.38	5.3	0.14	017	
2:04		8.2	3.54	5.3	0.16	025	
2:04		8.5	3.70	5.3	0.19	028	
2:04		8.7	4.73	5.4	0.24	021	
2:04		8.9	5.72	5.4	0.25	027	
2:04		9.2	6.19	5.5	0.28	025	
2:04		9.5	6.57	5.5	0.30	018	
2:04		9.7	6.86	5.5	0.28	009	
2:04	*	9.7	6.87	5.5	0.29	018	
2:04		9.7	6.97	5.5	0.29	019	
2:04		9.7	6.91	5.5	0.31	018	
2:04		9.7	7.02	5.5	0.28	024	
2:04		9.7	6.97	5.5	0.33	023	
2:05		9.7	6.87	5.5	0.34	020	
2:05		9.7	6.78	5.5	0.31	021	

PROFILES AT DEAS ISLAND (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
3:01	1.7	1.00	5.1	0.14	031	
3:01	1.5	1.00	5.1	0.12	013	
3:01	1.8	1.00	5.1	0.12	053	
3:01	2.2	1.00	5.1	0.13	057	
3:01	2.5	1.00	5.1	0.13	057	
3:02	2.9	1.00	5.1	0.16	070	
3:02	3.3	1.00	5.1	0.16	073	
3:02	3.6	1.00	5.1	0.20	077	
3:02	4.0	2.46	5.2	0.30	072	
3:02	4.4	2.82	5.2	0.23	080	
3:02	4.8	2.97	5.2	0.30	079	
3:02	5.2	3.23	5.2	0.24	080	
3:02	5.6	3.41	5.3	0.34	081	
3:02	6.0	3.57	5.3	0.40	073	
3:02	6.4	3.83	5.3	0.41	068	
3:02	6.9	4.11	5.3	0.43	066	
3:02	7.2	4.46	5.3	0.50	063	
3:02	7.6	4.87	5.4	0.60	060	
3:02	8.0	5.44	5.4	0.65	063	
3:02	8.4	6.13	5.4	0.67	065	
3:02	8.7	7.49	5.6	0.71	056	
3:02	9.1	7.97	5.6	0.69	053	
3:02	9.5	8.43	5.6	0.62	045	
3:02	9.9	8.60	5.6	0.58	049	
3:02	10.3	8.80	5.7	0.51	046	
3:02	10.7	8.98	5.7	0.47	044	
3:03	10.9	9.09	5.7	0.41	056	
3:03	10.9	9.13	5.7	0.39	039	
3:03	10.9	9.11	5.7	0.35	041	
3:03	10.9	8.96	5.7	0.39	017	
3:03	10.9	8.99	5.7	0.41	025	
3:03	10.9	8.95	5.7	0.41	032	
3:03	10.9	8.91	5.7	0.41	026	
3:03	10.9	8.95	5.7	0.39	031	

PROFILES AT DEAS ISLAND (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
4:00	1.3	3.33	5.3	0.50	083	
4:00	1.8	3.64	5.3	0.45	088	
4:00	2.2	3.77	5.3	0.20	008	
4:00	2.6	3.90	5.3	0.44	099	
4:00	3.1	4.15	5.3	0.40	026	
4:01	3.5	4.18	5.3	0.61	063	
4:01	3.8	4.27	5.3	0.76	063	
4:01	4.1	4.32	5.3	0.82	072	
4:01	4.3	4.33	5.3	0.93	067	
4:01	4.6	4.47	5.3	0.96	072	
4:01	4.8	4.64	5.4	0.91	068	
4:01	5.1	4.97	5.4	0.83	061	
4:01	5.3	5.10	5.4	0.84	061	
4:01	5.5	5.35	5.4	0.89	060	
4:01	5.8	6.04	5.4	0.91	055	
4:01	6.0	6.71	5.5	0.99	059	
4:01	6.2	6.74	5.5	0.99	056	
4:01	6.4	7.16	5.5	1.04	055	
4:01	6.7	7.39	5.6	1.10	055	
4:01	6.9	7.69	5.6	1.12	053	
4:01	7.1	7.76	5.6	1.12	053	
4:01	7.3	7.88	5.6	1.08	049	
4:01	7.6	8.55	5.6	0.79	044	
4:01	7.8	10.48	5.8	1.02	049	
4:01	8.1	10.84	5.8	0.95	047	
4:01	8.4	11.39	5.9	0.96	047	
4:02	8.6	11.47	5.9	0.87	045	
4:02	8.9	11.58	5.9	0.86	044	
4:02	9.2	11.70	5.9	0.83	044	
4:02	9.5	11.74	5.9	0.72	044	
4:02	9.8	11.75	5.9	0.74	042	
4:02	10.1	11.76	5.9	0.71	031	
4:02	10.4	11.59	5.9	0.57	044	
4:02	10.5	11.73	5.9	0.59	044	
4:02	10.5	11.78	5.9	0.47	040	
4:02	10.5	11.79	5.9	0.51	038	
4:02	10.5	11.82	5.9	0.44	032	
4:02	10.5	11.76	5.9	0.52	030	
4:02	10.5	11.70	5.9	0.63	033	
4:02	10.5	11.68	5.9	0.60	024	
4:02	10.5	11.67	5.9	0.65	012	

PROFILES AT DEAS ISLAND (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
4:30	*	1.2	4.94	5.4	0.91	054	
4:30		1.5	5.08	5.4	0.95	044	
4:30		1.8	5.35	5.4	0.98	053	
4:30		2.3	5.52	5.4	1.11	068	
4:30		2.7	6.26	5.5	0.93	076	
4:30		3.1	6.71	5.5	1.10	064	
4:31		3.5	7.05	5.5	1.17	052	
4:31		3.9	7.26	5.6	1.13	035	
4:31		4.3	7.49	5.6	1.15	032	
4:31		4.7	7.59	5.6	1.17	034	
4:31	*	5.1	7.63	5.6	1.18	046	
4:31		5.5	7.80	5.6	1.10	057	
4:31		6.0	9.41	5.7	1.07	069	
4:31		6.4	10.04	5.8	1.05	035	
4:31		6.9	10.62	5.8	1.00	021	
4:31		7.4	10.66	5.8	0.95	046	
4:31	*	7.9	10.77	5.9	0.94	049	
4:31		8.3	10.75	5.9	0.92	027	
4:31		8.7	10.90	5.9	0.90	032	
4:31		8.9	10.78	5.9	0.85	051	
4:31		9.1	10.65	5.9	0.90	041	
4:31		9.2	10.77	5.9	0.88	022	
4:31		9.3	10.86	5.9	0.98	028	
4:31		9.5	10.91	5.9	0.93	054	
4:31		9.7	10.98	5.9	0.89	042	
4:31		9.9	10.98	5.9	0.86	039	
4:31		10.1	11.02	5.9	0.86	048	
4:32		10.3	11.09	5.9	0.87	043	
4:32		10.4	11.09	5.9	0.84	036	
4:32		10.5	11.04	5.9	0.79	045	
4:32		10.5	11.00	5.9	0.82	045	
4:32	*	10.6	11.07	5.9	0.81	044	
4:32		10.6	10.99	5.9	0.88	043	
4:32		10.6	11.04	5.9	0.79	040	
4:32		10.5	11.09	5.9	0.82	039	
4:32		10.5	11.02	5.9	0.76	044	
4:32		10.5	11.04	5.9	0.73	042	

PROFILES AT DEAS ISLAND (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
5:00	0.6	3.52	5.4	0.87	055	
5:00	0.6	3.49	5.4	0.92	058	
5:00	0.6	3.47	5.3	0.94	060	
5:00	0.6	3.45	5.3	0.96	058	
5:00	0.8	3.50	5.3	0.88	060	
5:00	1.0	3.55	5.4	0.75	056	
5:00	1.2	3.68	5.4	0.90	061	
5:01	1.5	3.79	5.3	0.90	064	
5:01	1.9	4.24	5.4	0.98	067	
5:01	2.2	4.39	5.4	0.99	068	
5:01	2.5	4.74	5.4	0.98	065	
5:01	2.8	4.90	5.4	0.99	063	
5:01	3.1	5.24	5.4	1.03	060	
5:01	3.4	5.30	5.4	1.06	059	
5:01	3.7	5.72	5.5	1.05	066	
5:01	4.0	6.85	5.6	1.02	061	
5:01	4.2	7.14	5.6	1.21	069	
5:01	4.5	8.45	5.7	1.23	067	
5:01	4.8	8.60	5.7	1.27	066	
5:01	5.1	8.91	5.7	1.29	064	
5:01	5.4	9.13	5.8	1.24	059	
5:01	5.7	10.06	5.8	0.97	068	
5:01	6.1	10.84	5.9	1.07	058	
5:01	6.4	10.87	5.9	1.16	060	
5:01	6.7	11.47	6.0	1.12	058	
5:01	7.0	11.76	6.0	1.12	053	
5:01	7.4	11.73	6.0	1.13	056	
5:02	7.8	11.85	6.0	1.09	054	
5:02	8.2	11.88	6.0	0.99	055	
5:02	8.6	12.12	6.0	1.03	054	
5:02	9.0	12.07	6.0	0.85	051	
5:02	9.4	12.17	6.0	0.83	052	
5:02	9.9	12.02	6.0	0.79	051	
5:02	10.2	12.04	6.0	0.76	053	
5:02	10.4	12.18	6.0	0.64	050	
5:02	10.4	12.12	6.0	0.60	054	
5:02	10.5	12.17	6.0	0.50	055	
5:02	10.5	12.18	6.0	0.55	048	
5:02	10.5	12.15	6.0	0.52	061	
5:02	10.5	12.19	6.0	0.51	054	
5:02	10.5	12.16	6.0	0.66	052	
5:02	10.4	12.21	6.0	0.77	049	
5:02	10.4	12.22	6.0	0.68	048	
5:02	10.4	12.10	6.0	0.72	057	

PROFILES AT DEAS ISLAND (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
6:00	0.9	5.87	5.6	0.86	062
6:00	0.9	5.82	5.6	0.80	058
6:00	0.9	5.96	5.6	0.70	057
6:00	1.2	6.30	5.6	0.84	061
6:00	1.7	6.46	5.6	0.81	064
6:00	2.2	6.52	5.6	0.81	064
6:00	2.7	6.62	5.6	0.79	064
6:00	3.1	6.66	5.6	0.93	061
6:00	3.6	6.86	5.6	0.98	062
6:00	4.0	7.02	5.6	0.96	058
6:00	4.2	7.25	5.6	1.01	062
6:00	4.4	8.03	5.7	1.00	059
6:00	4.7	10.28	5.9	1.10	060
6:00	4.9	11.46	6.1	1.19	062
6:00	5.1	12.87	6.2	1.22	066
6:00	5.3	13.34	6.2	1.21	065
6:00	5.5	13.55	6.2	1.16	062
6:00	5.8	14.15	6.3	1.13	060
6:01	6.0	14.25	6.3	1.13	060
6:01	6.3	14.73	6.3	1.15	059
6:01	6.6	15.37	6.3	1.05	067
6:01	6.9	15.71	6.4	0.95	061
6:01	7.3	15.91	6.4	0.90	064
6:01	7.6	16.32	6.4	0.89	064
6:01	8.0	16.35	6.4	0.80	067
6:01	8.3	16.06	6.4	0.82	060
6:01	8.7	16.27	6.4	0.80	063
6:01	9.0	16.17	6.4	0.79	057
6:01	9.3	16.25	6.4	0.78	062
6:01	9.7	16.45	6.4	0.72	061
6:01	10.0	16.54	6.4	0.65	064
6:01	10.4	16.54	6.4	0.56	063
6:01	10.7	16.55	6.4	0.59	065
6:01	11.0	16.56	6.4	0.42	079
6:01	11.0	16.56	6.4	0.43	059
6:01	11.0	16.57	6.4	0.37	054
6:01	11.0	16.56	6.4	0.45	066
6:01	10.9	16.58	6.4	0.46	065
6:01	11.0	16.59	6.4	0.48	063
6:02	11.0	16.61	6.4	0.56	055
6:02	11.0	16.58	6.4	0.50	071
6:02	11.0	16.57	6.4	0.47	052
6:02	11.0	16.55	6.4	0.51	063
6:02	11.0	16.61	6.4	0.50	058
6:02	11.0	16.61	6.4	0.50	076
6:02	11.1	16.65	6.4	0.56	065

PROFILES AT DEAS ISLAND (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
7:00		1.0	8.94	5.8	0.80	063	
7:00		1.0	8.96	5.8	0.54		149
7:00	*	1.0	8.92	5.8	0.57	056	
7:00		1.0	8.89	5.8	0.41	053	
7:00		1.0	8.87	5.8	0.79	052	
7:00		1.0	8.83	5.8	0.49	356	
7:00		1.0	8.83	5.8	0.41	036	
7:00		1.0	8.85	5.8	0.60	001	
7:00		1.0	8.85	5.8	0.38	043	
7:00		1.0	8.87	5.8	0.80	062	
7:00		1.2	9.32	5.9	0.81	053	
7:00		1.5	9.57	5.9	0.38	044	
7:00		1.9	10.41	6.0	0.58	074	
7:00		2.3	10.71	6.0	0.23	003	
7:00		2.7	10.71	6.0	0.32	068	
7:00		3.1	10.76	6.0	0.03	057	
7:00	*	3.5	11.36	6.0	0.50	059	
7:00		4.0	12.47	6.1	0.55	035	
7:00		4.4	13.22	6.2	0.91	063	
7:00		4.8	14.79	6.3	0.65	020	
7:01		5.2	16.05	6.4	0.69	047	
7:01		5.6	16.79	6.5	0.63	048	
7:01		6.0	17.07	6.5	0.55	042	
7:01		6.4	17.28	6.5	0.70	052	
7:01		6.8	17.46	6.5	0.62	048	
7:01		7.3	17.48	6.5	0.57	048	
7:01		7.7	17.65	6.5	0.52	044	
7:01	*	8.1	17.71	6.5	0.52	040	
7:01		8.6	17.73	6.5	0.53	044	
7:01		9.0	17.80	6.5	0.42	037	
7:01		9.4	17.95	6.5	0.43	053	
7:01		9.8	18.00	6.5	0.40	045	
7:01		10.3	18.07	6.5	0.37	055	
7:01		10.7	18.11	6.5	0.37	055	
7:01		10.9	18.18	6.5	0.34	058	
7:01		10.9	18.20	6.5	0.36	056	
7:01		10.9	18.18	6.5	0.37	056	
7:01		11.0	18.22	6.5	0.36	056	
7:01		10.9	18.25	6.5	0.31	058	
7:01		10.9	18.27	6.5	0.25	060	
7:02		10.9	18.29	6.5	0.24	065	
7:02		11.0	18.29	6.5	0.27	064	
7:02		11.0	18.28	6.5	0.29	057	
7:02	*	11.0	18.21	6.5	0.32	055	
7:02		11.0	18.18	6.5	0.32	056	

PROFILES AT DEAS ISLAND (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
8:00		2.2	9.71	6.0	0.15	022	
8:00		2.2	9.98	6.0	0.11		312
8:00		2.2	9.50	5.9	0.19	339	
8:00		2.2	9.50	5.9	0.22	015	
8:00		2.2	9.11	5.9	0.18	051	
8:00	*	2.2	8.86	5.9	0.22		307
8:01		2.2	8.82	5.9	0.51		310
8:01		2.2	9.78	6.0	0.22	036	
8:01		2.2	9.72	6.0	0.19	321	
8:01		2.2	9.68	5.9	0.04	116	
8:01		2.4	10.08	6.0	0.10	325	
8:01		2.6	10.05	6.0	0.12	319	
8:01	*	2.9	10.02	6.0	0.39		302
8:01		3.1	10.12	6.0	0.14		295
8:01		3.4	10.78	6.1	0.09		285
8:01	*	3.8	11.04	6.1	0.22	043	
8:01		4.2	11.53	6.1	0.25	038	
8:01		4.6	12.09	6.1	0.19	046	
8:01		5.0	13.53	6.3	0.29	037	
8:01		5.5	15.39	6.5	0.34	042	
8:01		6.0	16.70	6.5	0.47	035	
8:01		6.5	17.97	6.6	0.23	020	
8:01		7.0	18.31	6.6	0.24	033	
8:01		7.6	18.65	6.6	0.21	015	
8:01		8.1	19.00	6.6	0.31	040	
8:01		8.7	19.32	6.6	0.24	047	
8:01		9.2	19.55	6.7	0.15	027	
8:02	*	9.8	19.81	6.7	0.11	055	
8:02		10.1	19.76	6.6	0.09	092	
8:02		10.1	19.80	6.7	0.10	052	
8:02		10.2	19.82	6.7	0.06	052	
8:02		10.2	19.80	6.7	0.08	053	
8:02		10.1	19.81	6.7	0.09	061	
8:02		10.2	19.84	6.7	0.08	081	
8:02		10.2	19.85	6.7	0.08	096	
8:02		10.2	19.83	6.7	0.09	074	
8:02		10.2	19.79	6.7	0.09	064	

PROFILES AT DEAS ISLAND (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

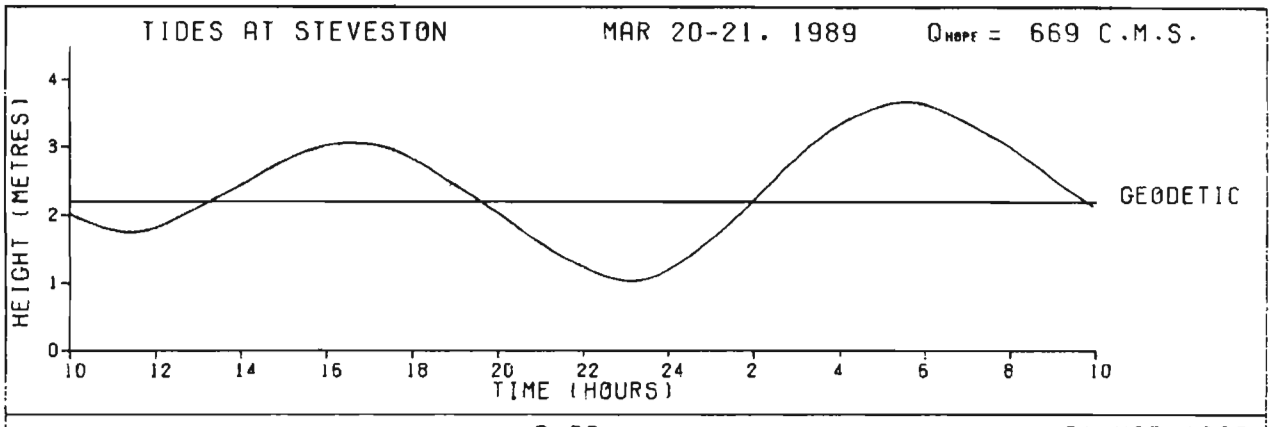
TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
9:01		1.0	6.01	5.8	0.56		199
9:01	*	1.0	6.17	5.8	0.61		199
9:01		1.0	6.07	5.7	0.50		198
9:01		1.0	6.12	5.8	0.59		203
9:01		1.1	6.19	5.8	0.49		193
9:01		1.1	6.13	5.8	0.56		197
9:01		1.0	6.08	5.8	0.59		200
9:01		1.0	5.96	5.8	0.63		197
9:01		1.0	6.01	5.8	0.62		197
9:01		1.0	5.86	5.7	0.63		198
9:01		1.0	5.87	5.8	0.55		200
9:01		1.0	6.01	5.8	0.61		201
9:01		1.1	6.04	5.8	0.57		198
9:02		1.4	5.96	5.7	0.52		219
9:02		1.9	6.02	5.7	0.55		202
9:02		2.3	7.07	5.7	0.50		199
9:02	*	2.8	8.42	5.8	0.55		208
9:02		3.2	11.68	6.1	0.45		213
9:02		3.7	12.74	6.2	0.38		201
9:02		4.2	15.03	6.4	0.33		198
9:02		4.6	15.55	6.4	0.25		180
9:02		5.1	16.22	6.5	0.19		161
9:02		5.6	16.32	6.5	0.20		147
9:02		6.1	16.36	6.5	0.18		144
9:02		6.6	16.40	6.5	0.22		140
9:02	*	7.0	17.14	6.5	0.18		167
9:02		7.5	18.38	6.6	0.16		155
9:02		8.0	18.89	6.6	0.21		184
9:02		8.4	19.34	6.7	0.33		210
9:02		8.9	19.48	6.7	0.26		202
9:02		9.4	19.45	6.7	0.21		211
9:02	*	9.9	19.56	6.7	0.24		209
9:02		10.1	19.62	6.7	0.16		208
9:02		10.2	19.55	6.7	0.17		269
9:03		9.8	19.68	6.7	0.30		164
9:03		9.8	19.61	6.7	0.36		176
9:03		9.8	19.58	6.7	0.26		178
9:03		9.8	19.58	6.7	0.24		176
9:03		9.8	19.78	6.7	0.26		174
9:03		9.8	19.53	6.7	0.27		169
9:03		9.8	19.52	6.7	0.25		162
9:03		9.8	19.75	6.7	0.24		172

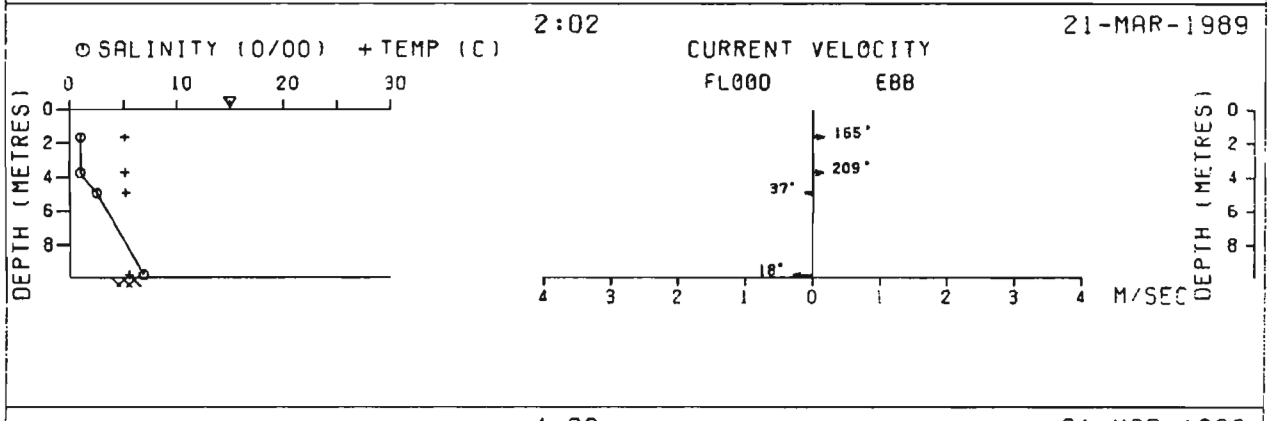
PROFILES AT DEAS ISLAND (* = Plotted Value)

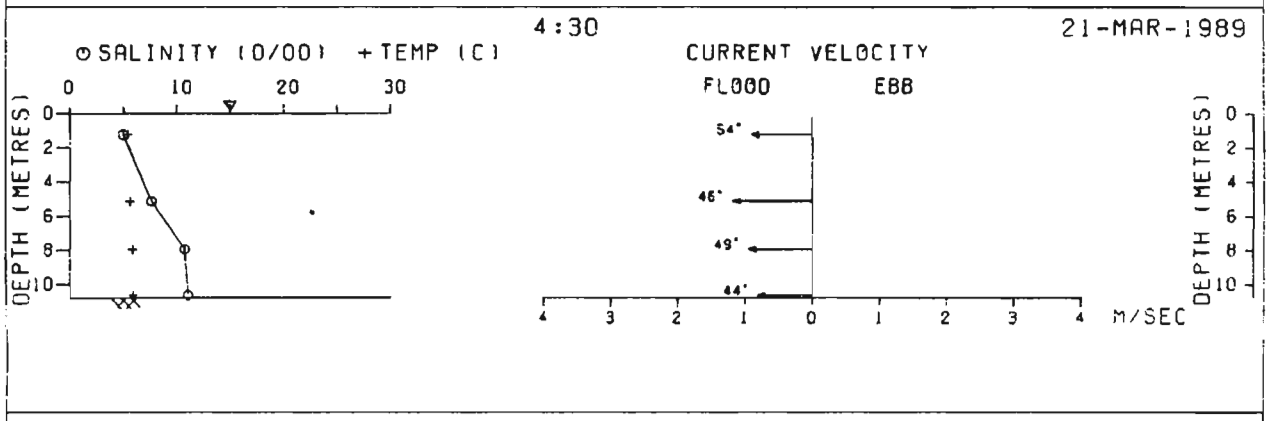
21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

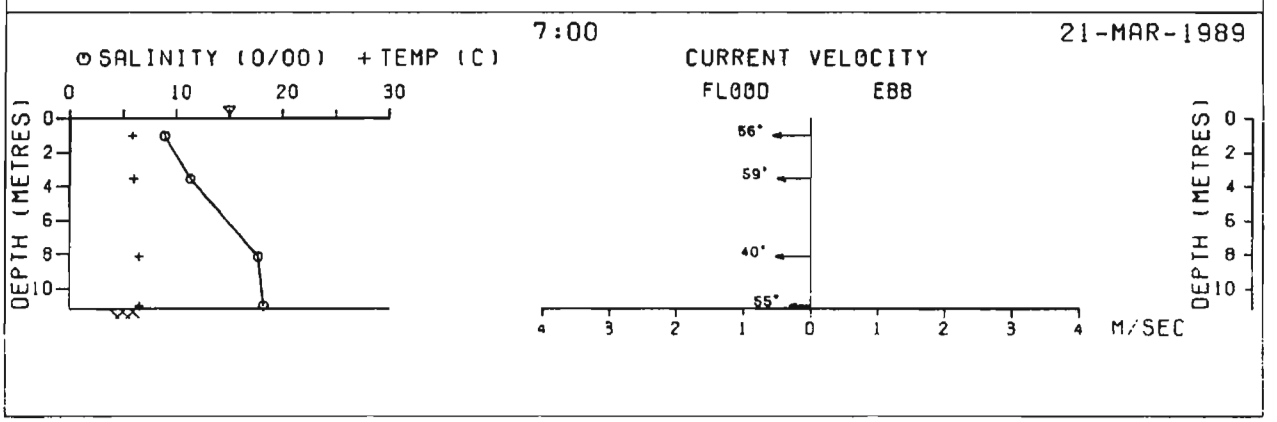
TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
10:00	1.2	6.06	5.7	0.87		210
10:00	1.4	6.10	5.7	0.87		212
10:00	1.7	6.17	5.7	0.87		214
10:00	2.2	6.49	5.6	0.83		219
10:00	2.6	7.07	5.7	0.84		222
10:00	3.1	7.51	5.7	0.90		214
10:00	3.6	8.30	5.7	0.87		215
10:00	4.1	8.91	5.8	0.79		219
10:00	4.6	9.21	5.8	0.76		215
10:00	5.1	9.58	5.8	0.76		209
10:00	5.6	10.14	5.9	0.68		208
10:00	6.2	12.97	6.1	0.71		202
10:00	6.7	14.99	6.3	0.82		197
10:00	7.2	16.05	6.4	0.85		197
10:00	7.7	17.27	6.5	0.85		194
10:00	8.1	18.07	6.5	0.74		173
10:00	8.6	18.30	6.6	0.72		207
10:01	9.2	18.59	6.6	0.56		203
10:01	9.5	18.83	6.6	0.16		225
10:01	9.6	18.61	6.6	0.45		240
10:01	9.5	18.87	6.6	0.40		272
10:01	9.1	18.52	6.6	0.52		205
10:01	9.0	18.58	6.6	0.65		175
10:01	8.8	18.62	6.6	0.72		201
10:01	8.8	18.32	6.6	0.65		208
10:01	8.0	18.45	6.5	0.61		187
10:01	8.1	18.48	6.6	0.68		215
10:01	8.3	18.46	6.6	0.66		217
10:01	8.7	18.70	6.6	0.64		219
10:01	9.0	18.77	6.6	0.48		216
10:01	9.0	18.65	6.6	0.41		226
10:01	8.9	18.83	6.6	0.39		221
10:01	9.0	18.69	6.6	0.42		220
10:01	8.9	18.60	6.6	0.42		214
10:01	9.0	18.49	6.6	0.46		218
10:01	9.0	18.62	6.6	0.49		224
10:01	9.0	18.57	6.6	0.55		222
10:01	9.0	18.60	6.6	0.51		220
10:02	8.9	18.49	6.6	0.60		226
10:02	8.9	18.50	6.6	0.65		222
10:02	9.0	18.57	6.6	0.59		226
10:02	9.1	18.63	6.6	0.48		227
10:02	9.1	18.53	6.6	0.53		226
10:02	9.1	18.63	6.6	0.51		226

PROFILES AT DEAS ISLAND

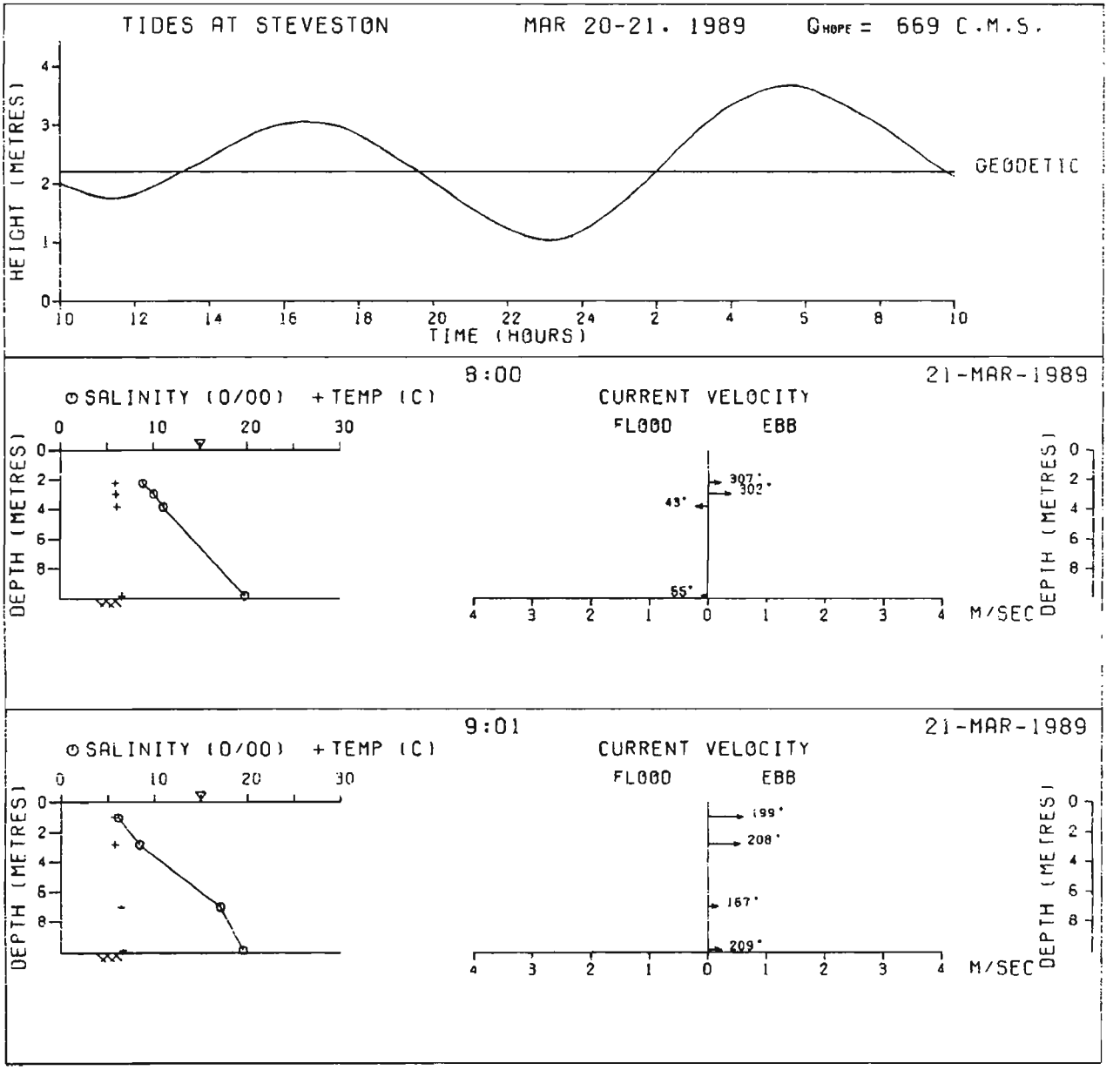








PROFILES AT DEAS ISLAND



PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
12:15	*	0.8	2.62	5.5	0.16		230
12:15		0.9	2.23	5.5	0.16		218
12:15		0.8	2.30	5.5	0.13		288
12:15		0.8	1.00	5.5	0.11		219
12:15		0.8	2.63	5.5	0.20		248
12:15		0.8	1.00	5.5	0.07		302
12:15		0.8	1.00	5.5	0.17		281
12:15		0.8	1.00	5.5	0.09		293
12:15		0.8	1.00	5.5	0.07		252
12:15		0.9	3.47	5.4	0.22		256
12:15		1.1	3.63	5.4	0.64		249
12:15		1.4	3.34	5.4	0.63		259
12:16		1.7	4.02	5.4	0.87		263
12:16	*	2.1	4.15	5.4	0.88		275
12:16		2.5	4.13	5.4	0.86		265
12:16		3.0	4.25	5.4	0.87		258
12:16		3.4	4.38	5.4	0.71		258
12:16		3.9	4.57	5.4	0.68		257
12:16		4.5	4.58	5.4	0.67		255
12:16		5.0	4.59	5.4	0.60		252
12:16	*	5.5	4.62	5.4	0.53		252
12:16		6.1	4.61	5.4	0.52		254
12:16		6.6	4.63	5.4	0.53		254
12:16		6.9	4.65	5.4	0.47		251
12:16		6.9	4.55	5.4	0.41		258
12:16		6.8	4.57	5.4	0.60		265
12:16		6.9	4.58	5.4	0.51		261
12:16		6.8	4.62	5.4	0.46		259
12:16		6.8	4.61	5.4	0.45		266
12:16		6.9	4.62	5.4	0.45		262
12:16		6.8	4.63	5.4	0.42		253
12:16		6.8	4.63	5.4	0.43		251
12:16	*	6.8	4.62	5.4	0.38		239

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
12:31	0.8	3.22	5.4	0.40		277
12:31	0.9	3.13	5.4	0.53		265
12:31	0.9	2.27	5.4	0.23		274
12:31	0.9	2.85	5.4	0.31		260
12:31	0.9	1.00	5.4	0.17		252
12:31	1.0	3.16	5.4	0.20		289
12:31	1.0	2.40	5.4	0.63		270
12:31	1.0	3.33	5.4	0.20		273
12:31	1.0	3.19	5.4	0.49		275
12:31	0.9	2.53	5.4	0.39		282
12:31	0.8	2.21	5.4	0.34		265
12:31	1.1	3.07	5.4	0.30		268
12:31	1.4	3.28	5.4	0.40		277
12:31	1.6	3.24	5.4	0.74		270
12:31	2.0	3.06	5.4	0.64		267
12:31	2.5	3.24	5.4	0.63		274
12:31	2.7	2.90	5.4	0.51		268
12:31	3.2	3.34	5.4	0.55		267
12:31	3.6	3.63	5.3	0.63		268
12:31	3.9	3.79	5.4	0.63		263
12:31	4.3	3.93	5.4	0.56		261
12:32	4.8	3.91	5.4	0.51		257
12:32	5.1	3.94	5.4	0.56		260
12:32	5.5	4.06	5.4	0.54		263
12:32	5.9	4.09	5.4	0.50		259
12:32	6.3	4.13	5.4	0.46		249
12:32	6.7	4.16	5.4	0.36		246
12:32	7.0	4.16	5.4	0.31		221
12:32	7.3	4.17	5.4	0.23		222
12:32	7.5	4.17	5.4	0.14		242
12:32	7.7	4.17	5.4	0.16		207
12:32	7.8	4.17	5.4	0.15		310
12:32	7.8	4.17	5.4	0.12		291
12:32	7.4	4.18	5.4	0.08		247
12:32	6.8	4.16	5.4	0.36		259
12:32	6.8	4.15	5.4	0.37		241
12:32	6.9	4.15	5.4	0.32		239
12:32	6.8	4.16	5.4	0.32		241
12:32	6.8	4.13	5.4	0.45		253
12:32	6.9	4.16	5.4	0.49		264
12:32	6.8	4.16	5.4	0.51		256
12:32	6.8	4.18	5.4	0.51		261
12:33	6.9	4.18	5.4	0.44		254

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
13:00	1.4	2.59	5.4	0.54		269
13:00	1.3	2.48	5.3	0.36		219
13:00	1.2	2.50	5.3	0.65		259
13:01	1.3	2.58	5.3	0.56		277
13:01	1.3	2.73	5.3	0.06		228
13:01	1.2	2.67	5.3	0.68		264
13:01	1.3	2.55	5.3	0.50		260
13:01	1.3	2.59	5.3	0.33		229
13:01	1.2	2.36	5.3	0.48		267
13:01	1.2	2.43	5.3	0.40		274
13:01	1.2	2.50	5.3	0.30		244
13:01	1.4	2.40	5.3	0.53		260
13:01	1.9	2.26	5.3	0.41		271
13:01	2.3	2.31	5.3	0.67		262
13:01	2.7	2.45	5.3	0.44		227
13:01	3.1	2.91	5.3	0.36		237
13:01	3.5	2.95	5.3	0.46		277
13:01	3.9	3.13	5.3	0.35		247
13:01	4.3	3.24	5.3	0.33		248
13:01	4.7	3.36	5.3	0.17	123	
13:01	5.0	3.33	5.3	0.40		241
13:01	5.4	3.36	5.3	0.41		243
13:01	5.8	3.40	5.3	0.34		252
13:01	6.2	3.41	5.3	0.33		249
13:02	6.6	3.46	5.3	0.29		260
13:02	6.9	3.47	5.3	0.19		222
13:02	7.2	3.48	5.3	0.04	129	
13:02	7.3	3.48	5.3	0.12		266
13:02	7.2	3.46	5.3	0.13		220
13:02	7.3	3.42	5.3	0.17		244
13:02	7.2	3.45	5.3	0.15		232
13:02	7.2	3.44	5.3	0.20		240
13:02	7.3	3.44	5.3	0.21		268
13:02	7.3	3.45	5.3	0.16		257
13:02	7.2	3.45	5.3	0.24		262
13:02	7.3	3.45	5.3	0.21		262
13:02	7.3	3.45	5.3	0.16		272
13:02	7.2	3.44	5.3	0.14		274

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
13:30	1.2	1.00	5.3	0.63		245
13:30	1.2	1.00	5.3	0.63		253
13:30	1.2	1.00	5.3	0.64		244
13:30	1.2	1.00	5.3	0.63		245
13:30	1.2	1.00	5.3	0.58		253
13:30	1.1	1.00	5.3	0.61		251
13:30	1.2	1.00	5.3	0.61		253
13:30	1.2	1.00	5.3	0.61		246
13:30	1.3	1.00	5.3	0.63		248
13:30	1.6	1.00	5.3	0.59		240
13:30	2.0	1.00	5.3	0.57		252
13:30	2.3	1.00	5.3	0.57		244
13:30	2.6	1.00	5.3	0.54		243
13:30	3.0	1.00	5.3	0.52		239
13:30	3.3	1.00	5.3	0.51		233
13:30	3.7	1.00	5.3	0.46		239
13:30	4.0	1.00	5.3	0.47		239
13:30	4.3	1.00	5.3	0.45		236
13:30	4.7	2.22	5.3	0.41		237
13:30	5.0	2.29	5.3	0.42		235
13:31	5.3	2.35	5.3	0.43		236
13:31	5.7	2.42	5.3	0.43		234
13:31	6.1	2.53	5.3	0.43		237
13:31	6.3	2.67	5.3	0.39		226
13:31	6.7	2.67	5.3	0.40		227
13:31	7.0	2.69	5.3	0.41		233
13:31	7.2	2.69	5.3	0.18		226
13:31	7.3	2.71	5.3	0.33		230
13:31	7.3	2.72	5.3	0.17		250
13:31	7.1	2.66	5.3	0.56		253
13:31	6.9	2.67	5.3	0.31		214
13:31	6.9	2.66	5.3	0.38		233
13:31	7.0	2.61	5.3	0.36		239
13:31	6.9	2.63	5.3	0.41		233
13:31	7.0	2.65	5.3	0.48		241
13:31	6.9	2.64	5.3	0.45		242
13:31	7.0	2.68	5.3	0.46		238

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
14:01	0.8	1.00	5.3	0.46		278
14:01	0.9	1.00	5.3	0.45		260
14:01	0.9	1.00	5.3	0.42		276
14:01	0.8	1.00	5.3	0.52		262
14:01	0.9	1.00	5.3	0.52		276
14:02	0.8	1.00	5.3	0.45		284
14:02	0.8	1.00	5.3	0.49		304
14:02	0.8	1.00	5.3	0.41		276
14:02	0.9	1.00	5.3	0.43		274
14:02	0.8	1.00	5.3	0.44		261
14:02	0.8	1.00	5.3	0.29		266
14:02	0.9	1.00	5.3	0.39		283
14:02	1.1	1.00	5.3	0.35		258
14:02	1.3	1.00	5.3	0.34		282
14:02	1.5	1.00	5.3	0.23		276
14:02	1.8	1.00	5.3	0.35		283
14:02	2.0	1.00	5.2	0.32		275
14:02	2.2	1.00	5.2	0.21		271
14:02	2.5	1.00	5.2	0.44		300
14:02	2.8	1.00	5.3	0.14		287
14:02	3.1	1.00	5.3	0.36		270
14:02	3.3	1.00	5.3	0.33		218
14:02	3.6	1.00	5.3	0.30		251
14:02	3.9	1.00	5.3	0.34		229
14:02	4.2	1.00	5.3	0.33		282
14:02	4.4	1.00	5.3	0.20		250
14:03	4.7	1.00	5.3	0.26		286
14:03	5.0	1.00	5.3	0.27		244
14:03	5.2	1.00	5.3	0.31		245
14:03	5.5	1.00	5.3	0.35		244
14:03	5.8	1.00	5.3	0.32		245
14:03	6.1	1.00	5.3	0.27		240
14:03	6.4	1.00	5.3	0.22		242
14:03	6.6	1.00	5.3	0.19		242
14:03	6.9	1.00	5.3	0.18		239
14:03	7.1	1.00	5.3	0.18		242
14:03	7.3	1.00	5.3	0.11		221
14:03	7.4	1.00	5.3	0.09		270
14:03	7.0	1.00	5.3	0.23		234
14:03	6.6	1.00	5.3	0.28		230
14:03	6.5	1.00	5.3	0.31		247
14:03	6.5	1.00	5.3	0.31		240
14:03	6.5	1.00	5.3	0.32		244
14:03	6.5	1.00	5.3	0.32		248

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
14:30	0.9	1.00	5.3	0.27		283
14:30	0.8	1.00	5.3	0.36		277
14:30	0.8	1.00	5.3	0.46		276
14:30	0.8	1.00	5.3	0.36		272
14:30	0.8	1.00	5.3	0.42		274
14:30	0.8	1.00	5.3	0.38		273
14:30	0.8	1.00	5.3	0.29		263
14:30	0.7	1.00	5.3	0.43		266
14:30	0.8	1.00	5.3	0.36		271
14:30	0.8	1.00	5.3	0.30		283
14:30	1.1	1.00	5.3	0.39		273
14:30	1.4	1.00	5.2	0.11		265
14:30	1.8	1.00	5.2	0.12		266
14:30	2.2	1.00	5.2	0.25		272
14:30	2.6	1.00	5.2	0.34		255
14:30	3.0	1.00	5.2	0.30		260
14:30	3.4	1.00	5.2	0.34		254
14:30	3.7	1.00	5.2	0.31		251
14:30	4.1	1.00	5.2	0.34		246
14:30	4.5	1.00	5.2	0.34		249
14:31	4.9	1.00	5.2	0.33		243
14:31	5.3	1.00	5.2	0.33		252
14:31	5.7	1.00	5.2	0.34		243
14:31	6.1	1.00	5.2	0.33		252
14:31	6.5	1.00	5.2	0.33		247
14:31	6.9	1.00	5.2	0.28		247
14:31	7.2	1.00	5.3	0.15		247
14:31	7.6	1.00	5.3	0.19		271
14:31	7.8	1.00	5.3	0.19		295
14:31	7.5	1.00	5.3	0.31		270
14:31	7.2	1.00	5.3	0.20		229
14:31	7.1	1.00	5.3	0.19		258
14:31	7.1	1.00	5.2	0.20		202
14:31	7.1	1.00	5.2	0.24		255
14:31	7.1	1.00	5.2	0.26		268
14:31	7.1	1.00	5.2	0.35		265
14:31	7.1	1.00	5.3	0.25		270
14:31	7.1	1.00	5.2	0.20		223
14:31	7.1	1.00	5.2	0.30		260
14:31	7.1	1.00	5.2	0.25		233

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
15:00	0.7	1.00	5.3	0.27		285
15:01	0.7	1.00	5.3	0.24		289
15:01	0.7	1.00	5.3	0.29		285
15:01	0.7	1.00	5.3	0.18		282
15:01	0.7	1.00	5.3	0.28		267
15:01	0.7	1.00	5.3	0.33		282
15:01	0.7	1.00	5.3	0.30		273
15:01	0.7	1.00	5.3	0.32		289
15:01	0.7	1.00	5.3	0.26		280
15:01	0.7	1.00	5.3	0.24		288
15:01	0.7	1.00	5.3	0.18		291
15:01	0.7	1.00	5.3	0.27		281
15:01	0.8	1.00	5.3	0.16		278
15:01	1.1	1.00	5.3	0.18		261
15:01	1.4	1.00	5.2	0.17		283
15:01	1.7	1.00	5.2	0.24		273
15:01	2.0	1.00	5.2	0.19		258
15:01	2.4	1.00	5.2	0.20		260
15:01	2.7	1.00	5.2	0.22		261
15:01	3.1	1.00	5.2	0.19		264
15:01	3.4	1.00	5.2	0.17		263
15:01	3.7	1.00	5.2	0.19		262
15:02	4.0	1.00	5.2	0.17		252
15:02	4.3	1.00	5.2	0.16		258
15:02	4.7	1.00	5.2	0.17		270
15:02	5.0	1.00	5.2	0.14		266
15:02	5.3	1.00	5.2	0.12		270
15:02	5.7	1.00	5.3	0.11		280
15:02	6.0	1.00	5.3	0.09		268
15:02	6.3	1.00	5.3	0.11		271
15:02	6.7	1.00	5.3	0.11		273
15:02	7.0	1.00	5.3	0.12		277
15:02	7.3	1.00	5.3	0.11		276
15:02	7.7	1.00	5.3	0.12		283
15:02	8.0	1.00	5.3	0.14		284
15:02	8.2	1.00	5.3	0.07	021	
15:02	8.3	1.00	5.3	0.09	021	
15:02	8.1	1.00	5.3	0.08		286
15:02	7.9	1.00	5.3	0.22		287
15:02	8.0	1.00	5.3	0.15		274
15:02	8.0	1.00	5.3	0.12		290
15:02	8.0	1.00	5.3	0.15		295
15:02	8.0	1.00	5.3	0.14		276
15:03	8.0	1.00	5.3	0.14		278
15:03	8.0	1.00	5.3	0.15		288
15:03	8.0	1.00	5.3	0.14		286

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
15:43		1.4	1.00	5.3	0.07		295
15:43		1.4	1.00	5.3	0.01		250
15:43		1.5	1.00	5.3	0.04		348
15:44		1.4	1.00	5.3	0.05		337
15:44	*	1.4	1.00	5.3	0.02		345
15:44		1.4	1.00	5.3	0.03		334
15:44		1.4	1.00	5.3	0.02		276
15:44		1.4	1.00	5.3	0.05		319
15:44		1.4	1.00	5.3	0.09	062	
15:44		1.5	1.00	5.3	0.11	359	
15:44		1.5	1.00	5.3	0.08	022	
15:44		1.4	1.00	5.3	0.09	026	
15:44		1.4	1.00	5.3	0.06	355	
15:44		1.4	1.00	5.3	0.07		349
15:44		1.4	1.00	5.3	0.03		257
15:44		1.4	1.00	5.3	0.08		315
15:44		1.4	1.00	5.3	0.05		333
15:44		1.4	1.00	5.3	0.02	105	
15:44		1.4	1.00	5.3	0.06	075	
15:44		1.4	1.00	5.3	0.08	078	
15:44		1.4	1.00	5.3	0.07		318
15:44		1.4	1.00	5.3	0.07	033	
15:44		1.4	1.00	5.3	0.06	003	
15:44		1.4	1.00	5.3	0.06	022	
15:45		1.4	1.00	5.3	0.09		323
15:45		1.4	1.00	5.3	0.13		315
15:45		1.4	1.00	5.3	0.12		291
15:45		1.4	1.00	5.3	0.06		344
15:45		1.4	1.00	5.3	0.08		288
15:45		1.4	1.00	5.3	0.14		273
15:45		1.4	1.00	5.3	0.10		295
15:45		1.4	1.00	5.3	0.10		293
15:45		1.4	1.00	5.3	0.15		309
15:45		1.4	1.00	5.3	0.15		304
15:45		1.4	1.00	5.3	0.18		308
15:45		1.4	1.00	5.3	0.15		316
15:45		1.4	1.00	5.3	0.19		304
15:45		1.4	1.00	5.3	0.16		321
15:45		1.4	1.00	5.3	0.18		320
15:45		1.4	1.00	5.3	0.17		332
15:45		1.2	1.00	5.3	0.16		339
15:45		0.8	1.00	5.3	0.18	352	
15:45		0.8	1.00	5.3	0.13		340
15:45		0.8	1.00	5.3	0.15		345
15:45		0.8	1.00	5.3	0.11		328
15:46		0.8	1.00	5.3	0.17		326

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
15:46		0.8	1.00	5.3	0.14		315
15:46		0.8	1.00	5.3	0.13		337
15:46		0.8	1.00	5.3	0.10		341
15:46		0.8	1.00	5.3	0.10		304
15:46		0.8	1.00	5.3	0.10		334
15:46		0.8	1.00	5.3	0.12		305
15:46		0.9	1.00	5.3	0.11		326
15:46		1.1	1.00	5.3	0.16		289
15:46		1.2	1.00	5.3	0.14		319
15:46		1.3	1.00	5.3	0.06		298
15:46		1.5	1.00	5.3	0.04		309
15:46		1.6	1.00	5.3	0.05		336
15:46		1.8	1.00	5.2	0.05		296
15:46		1.9	1.00	5.3	0.06		316
15:46		2.0	1.00	5.2	0.05		275
15:46		2.2	1.00	5.2	0.03		281
15:46		2.4	1.00	5.2	0.02		246
15:46		2.5	1.00	5.2	0.01		270
15:46		2.7	1.00	5.2	0.05		230
15:47	*	2.8	1.00	5.2	0.04		228
15:47		3.0	1.00	5.2	0.04		222
15:47		3.1	1.00	5.2	0.04		241
15:47		3.3	1.00	5.2	0.03		217
15:47		3.4	1.00	5.2	0.02		223
15:47		3.6	1.00	5.2	0.04		283
15:47		3.8	1.00	5.2	0.03		222
15:47		3.9	1.00	5.2	0.02		270
15:47		4.1	1.00	5.2	0.04		297
15:47		4.3	1.00	5.2	0.03		297
15:47		4.4	1.00	5.2	0.02		250
15:47		4.6	1.00	5.2	0.04		345
15:47		4.8	1.00	5.2	0.03	042	
15:47		5.0	1.00	5.2	0.04	127	
15:47	*	5.2	1.00	5.2	0.05	096	
15:47		5.3	1.00	5.2	0.09	103	
15:47		5.5	1.00	5.2	0.11	103	
15:47		5.7	1.00	5.2	0.11	104	
15:47		5.9	1.00	5.2	0.12	092	
15:47		6.1	1.00	5.2	0.14	111	
15:47		6.3	1.00	5.2	0.18	105	
15:48		6.5	1.00	5.2	0.21	101	
15:48		6.7	1.00	5.3	0.20	105	
15:48		6.9	1.00	5.3	0.20	101	
15:48		7.1	1.00	5.3	0.20	094	
15:48		7.3	1.00	5.3	0.20	097	
15:48		7.4	1.00	5.2	0.22	096	

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
15:48	7.6	1.00	5.3	0.23	092	
15:48	7.8	1.00	5.3	0.23	093	
15:48	8.0	1.00	5.3	0.23	092	
15:48	8.2	1.00	5.2	0.24	091	
15:48	8.4	1.00	5.3	0.23	091	
15:48	8.6	1.00	5.3	0.23	096	
15:48	8.8	1.00	5.3	0.22	088	
15:48	9.0	1.00	5.3	0.24	088	
15:48	9.2	1.00	5.2	0.23	090	
15:48	9.4	1.00	5.3	0.24	092	
15:48	9.6	1.00	5.3	0.24	089	
15:48	9.8	1.00	5.2	0.24	091	
15:48	10.0	1.00	5.2	0.23	094	
15:48	10.2	1.00	5.3	0.22	086	
15:48	10.4	1.00	5.2	0.23	090	
15:49	10.6	1.00	5.3	0.28	091	
15:49	10.7	1.00	5.3	0.23	088	
15:49	11.0	1.00	5.3	0.26	088	
15:49	11.2	1.00	5.3	0.25	094	
15:49	11.4	1.00	5.3	0.26	094	
15:49	11.6	1.00	5.3	0.16	086	
15:49	11.9	1.00	5.3	0.24	085	
15:49	12.0	2.37	5.3	0.24	088	
15:49	12.3	2.47	5.3	0.23	088	
15:49	12.5	2.57	5.3	0.20	081	
15:49	* 12.8	2.62	5.3	0.25	082	
15:49	13.0	2.65	5.3	0.17	074	
15:49	13.3	2.67	5.3	0.19	077	
15:49	13.5	2.69	5.3	0.34		287
15:49	13.5	2.68	5.3	0.03	060	
15:49	13.1	2.69	5.3	0.27	076	
15:49	12.7	2.63	5.3	0.21	088	
15:49	12.5	2.60	5.3	0.21	085	
15:49	12.5	2.60	5.3	0.17	085	
15:49	12.5	2.61	5.3	0.17	078	
15:50	12.6	2.59	5.3	0.17	074	
15:50	12.5	2.60	5.3	0.15	072	

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
16:00	0.7	1.00	5.3	0.21		314
16:00	0.7	1.00	5.3	0.22		315
16:00	0.7	1.00	5.3	0.21		321
16:00	0.7	1.00	5.3	0.20		300
16:00	0.7	1.00	5.3	0.21		307
16:00	0.7	1.00	5.3	0.25		311
16:00	0.6	1.00	5.3	0.22		310
16:00	0.7	1.00	5.3	0.21		312
16:00	0.7	1.00	5.3	0.23		303
16:00	0.7	1.00	5.3	0.26		319
16:00	0.7	1.00	5.3	0.23		313
16:00	0.7	1.00	5.3	0.22		297
16:00	0.7	1.00	5.3	0.27		313
16:00	0.7	1.00	5.3	0.24		316
16:00	0.7	1.00	5.3	0.23		307
16:00	0.7	1.00	5.3	0.20		317
16:00	0.7	1.00	5.3	0.24		326
16:00	0.7	1.00	5.3	0.17		326
16:00	0.7	1.00	5.3	0.19		331
16:01	1.0	1.00	5.3	0.13	353	
16:01	1.2	1.00	5.3	0.12		331
16:01	1.5	1.00	5.2	0.08		311
16:01	1.9	1.00	5.2	0.04		346
16:01	2.2	1.00	5.2	0.04	092	
16:01	2.5	1.00	5.2	0.04	122	
16:01	2.9	1.00	5.2	0.06	083	
16:01	3.2	1.00	5.2	0.08	109	
16:01	3.5	1.00	5.2	0.10	093	
16:01	3.9	1.00	5.2	0.15	102	
16:01	4.2	1.00	5.2	0.18	108	
16:01	4.5	1.00	5.2	0.22	106	
16:01	4.9	1.00	5.2	0.22	108	
16:01	5.2	1.00	5.2	0.25	111	
16:01	5.5	1.00	5.2	0.27	105	
16:01	5.9	1.00	5.2	0.28	106	
16:01	6.2	1.00	5.3	0.29	102	
16:01	6.6	1.00	5.3	0.30	101	
16:01	6.9	1.00	5.3	0.30	102	
16:01	7.2	1.00	5.2	0.29	101	
16:02	7.6	1.00	5.2	0.28	099	
16:02	7.9	1.00	5.3	0.32	103	
16:02	8.3	1.00	5.3	0.28	093	
16:02	8.6	1.00	5.3	0.26	091	
16:02	9.0	1.00	5.3	0.24	085	
16:02	9.3	2.55	5.3	0.23	082	
16:02	9.6	2.76	5.3	0.28	081	

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
16:02	10.0	2.92	5.3	0.27	074
16:02	10.4	2.90	5.3	0.28	085
16:02	10.7	2.87	5.3	0.29	084
16:02	11.0	2.96	5.3	0.32	084
16:02	11.4	3.05	5.3	0.34	089
16:02	11.7	3.11	5.3	0.34	082
16:02	12.0	3.28	5.3	0.30	091
16:02	12.4	3.12	5.3	0.30	085
16:02	12.7	3.25	5.4	0.34	084
16:02	13.1	3.41	5.4	0.28	090
16:02	13.3	3.46	5.4	0.28	109
16:02	13.3	3.41	5.4	0.20	121
16:02	12.9	3.43	5.4	0.30	080
16:02	12.8	3.46	5.4	0.30	101
16:03	12.8	3.41	5.4	0.27	094
16:03	12.8	3.39	5.4	0.25	094
16:03	12.8	3.43	5.4	0.21	096
16:03	12.8	3.46	5.4	0.21	087
16:03	12.8	3.44	5.4	0.19	074
16:03	12.8	3.44	5.4	0.17	066
16:03	12.9	3.49	5.4	0.16	079
16:03	12.8	3.54	5.4	0.12	089
16:03	12.8	3.53	5.4	0.10	081
16:03	12.8	3.50	5.4	0.11	054
16:03	12.8	3.51	5.4	0.12	057

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
16:30	0.9	1.00	5.3	0.07	353	
16:30	0.9	1.00	5.3	0.08		344
16:30	0.9	1.00	5.3	0.07		309
16:30	0.9	1.00	5.3	0.07	033	
16:30	0.9	1.00	5.3	0.05	059	
16:30	0.9	1.00	5.3	0.05	114	
16:30	1.0	1.00	5.3	0.06	095	
16:30	1.0	1.00	5.3	0.08	036	
16:30	1.0	1.00	5.3	0.10	072	
16:30	1.0	1.00	5.3	0.24	091	
16:30	1.2	1.00	5.3	0.08	095	
16:30	1.6	1.00	5.2	0.06	128	
16:30	2.1	1.00	5.2	0.06	103	
16:30	2.6	1.00	5.2	0.06	093	
16:30	3.1	1.00	5.2	0.08	088	
16:30	3.5	1.00	5.2	0.10	080	
16:30	3.9	1.00	5.2	0.12	078	
16:31	4.4	1.00	5.3	0.16	074	
16:31	4.8	1.00	5.3	0.21	075	
16:31	5.2	1.00	5.3	0.19	059	
16:31	5.6	1.00	5.3	0.26	066	
16:31	6.0	1.00	5.3	0.29	070	
16:31	6.4	1.00	5.3	0.30	067	
16:31	6.8	2.16	5.3	0.35	077	
16:31	7.2	2.59	5.3	0.34	074	
16:31	7.6	2.91	5.3	0.36	067	
16:31	8.0	3.35	5.4	0.35	068	
16:31	8.4	3.33	5.4	0.35	076	
16:31	8.8	3.49	5.4	0.36	064	
16:31	9.2	3.44	5.4	0.41	071	
16:31	9.6	3.64	5.4	0.50	077	
16:31	10.0	3.99	5.4	0.56	078	
16:31	10.5	4.28	5.4	0.58	078	
16:31	10.8	4.40	5.4	0.55	076	
16:31	11.3	4.52	5.4	0.54	077	
16:31	11.6	4.74	5.5	0.52	083	
16:31	12.0	4.91	5.5	0.48	083	
16:32	12.4	4.84	5.5	0.52	086	
16:32	12.8	5.20	5.5	0.50	089	
16:32	13.3	5.35	5.5	0.48	093	
16:32	13.6	5.36	5.5	0.37	101	
16:32	13.5	5.32	5.5	0.40	101	
16:32	13.2	5.30	5.5	0.40	105	
16:32	13.2	5.33	5.5	0.46	096	
16:32	13.2	5.28	5.5	0.41	096	
16:32	13.2	5.32	5.5	0.39	101	

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
17:00	*	0.9	1.00	5.3	0.14	076	
17:00		0.9	1.00	5.3	0.15	075	
17:00		0.9	1.00	5.3	0.04	045	
17:00		0.9	1.00	5.3	0.15	090	
17:00		0.9	1.00	5.3	0.10	071	
17:00		1.0	1.00	5.3	0.14	093	
17:00		1.0	1.00	5.3	0.21	087	
17:00		1.0	1.00	5.3	0.14	093	
17:01		1.0	1.00	5.3	0.14	082	
17:01		0.9	1.00	5.3	0.14	091	
17:01		1.0	1.00	5.3	0.14	079	
17:01		1.0	1.00	5.3	0.10	107	
17:01		1.1	1.00	5.3	0.11	084	
17:01		1.4	1.00	5.3	0.14	086	
17:01		1.7	1.00	5.3	0.13	088	
17:01		2.1	1.00	5.3	0.14	078	
17:01		2.4	1.00	5.2	0.15	083	
17:01		2.7	1.00	5.2	0.16	084	
17:01		3.0	1.00	5.3	0.19	083	
17:01		3.3	1.00	5.3	0.21	083	
17:01		3.6	1.00	5.3	0.26	079	
17:01		4.0	2.50	5.4	0.33	079	
17:01	*	4.3	2.88	5.4	0.34	074	
17:01		4.7	3.35	5.4	0.34	070	
17:01		5.0	3.61	5.4	0.35	068	
17:01		5.3	3.69	5.4	0.34	066	
17:01		5.7	3.76	5.4	0.32	065	
17:01		6.0	3.83	5.4	0.32	066	
17:02		6.4	3.91	5.4	0.28	063	
17:02		6.7	4.00	5.4	0.26	068	
17:02	*	7.0	4.05	5.4	0.24	069	
17:02		7.4	4.30	5.4	0.20	061	
17:02		7.7	4.36	5.4	0.19	054	
17:02		8.1	4.42	5.4	0.14	050	
17:02		8.4	4.62	5.5	0.10	042	
17:02		8.8	5.30	5.5	0.11	056	
17:02		9.1	5.64	5.5	0.16	059	
17:02		9.4	5.84	5.6	0.16	062	
17:02		9.8	6.04	5.6	0.19	069	
17:02		10.1	6.32	5.6	0.22	074	
17:02		10.5	6.46	5.6	0.24	085	
17:02		10.8	6.58	5.6	0.25	086	
17:02		11.2	6.64	5.6	0.27	086	
17:02		11.5	6.66	5.6	0.28	088	
17:02		11.8	6.68	5.6	0.29	088	
17:02		12.1	6.70	5.6	0.29	091	

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
17:02	12.5	6.74	5.6	0.28	089	
17:02	12.5	6.75	5.6	0.31	111	
17:02	12.4	6.76	5.6	0.24	092	
17:03	12.3	6.76	5.6	0.26	079	
17:03	12.3	6.75	5.6	0.28	096	
17:03	12.3	6.75	5.6	0.30	095	
17:03	12.3	6.75	5.6	0.29	095	
17:03	12.3	6.76	5.6	0.26	093	
17:03	12.3	6.77	5.6	0.26	094	
17:03	* 12.3	6.76	5.6	0.26	097	
17:03	12.3	6.77	5.6	0.26	095	
17:03	12.3	6.76	5.6	0.26	101	
17:03	12.3	6.77	5.6	0.26	101	
17:03	12.3	6.76	5.6	0.27	102	
17:03	12.3	6.76	5.6	0.28	100	

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
17:30	0.9	1.00	5.3	0.11	084	
17:30	0.9	1.00	5.3	0.13	083	
17:30	1.0	1.00	5.3	0.11	076	
17:30	0.9	1.00	5.3	0.09	079	
17:30	0.9	1.00	5.3	0.13	082	
17:30	0.9	1.00	5.3	0.15	089	
17:30	0.9	1.00	5.3	0.12	050	
17:30	0.9	1.00	5.3	0.17	086	
17:30	1.0	1.00	5.3	0.15	072	
17:30	0.9	1.00	5.3	0.16	080	
17:30	1.0	1.00	5.3	0.14	075	
17:30	1.0	1.00	5.3	0.10	075	
17:30	0.9	1.00	5.3	0.15	083	
17:30	0.9	1.00	5.3	0.16	073	
17:30	0.9	1.00	5.3	0.13	088	
17:30	1.0	1.00	5.3	0.12	080	
17:31	1.3	1.00	5.3	0.10	087	
17:31	1.6	1.00	5.3	0.12	087	
17:31	1.9	1.00	5.3	0.12	084	
17:31	2.2	1.00	5.2	0.13	084	
17:31	2.6	1.00	5.2	0.15	077	
17:31	2.9	1.00	5.2	0.18	079	
17:31	3.2	1.00	5.3	0.22	077	
17:31	3.5	2.22	5.4	0.25	060	
17:31	3.9	2.73	5.4	0.36	074	
17:31	4.2	3.01	5.4	0.40	071	
17:31	4.6	3.42	5.5	0.47	074	
17:31	4.9	3.54	5.5	0.50	075	
17:31	5.3	3.74	5.5	0.55	077	
17:31	5.6	4.30	5.5	0.51	072	
17:31	6.0	4.61	5.6	0.50	074	
17:31	6.4	4.80	5.6	0.48	073	
17:31	6.7	4.86	5.6	0.43		342
17:31	7.1	4.98	5.6	0.40	072	
17:31	7.4	5.19	5.6	0.35	071	
17:31	7.8	5.50	5.6	0.29	071	
17:31	8.2	5.98	5.6	0.22	071	
17:32	8.6	6.35	5.6	0.15	059	
17:32	8.9	6.97	5.7	0.12	044	
17:32	9.3	7.87	5.7	0.15	056	
17:32	9.7	8.32	5.8	0.13	058	
17:32	10.0	8.70	5.8	0.13	065	
17:32	10.4	8.95	5.8	0.14	079	
17:32	10.7	9.06	5.8	0.15	083	
17:32	11.1	9.14	5.8	0.15	085	
17:32	11.5	9.21	5.8	0.17	088	

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
17:32	11.8	9.30	5.8	0.19	098	
17:32	11.8	9.27	5.8	0.17	094	
17:32	11.5	9.26	5.8	0.19	096	
17:32	11.5	9.26	5.8	0.20	080	
17:32	11.5	9.27	5.8	0.19	092	
17:32	11.5	9.27	5.8	0.18	094	
17:32	11.5	9.27	5.8	0.18	093	
17:32	11.5	9.30	5.8	0.17	092	
17:32	11.5	9.33	5.8	0.16	095	
17:32	11.5	9.35	5.8	0.15	093	
17:32	11.5	9.34	5.8	0.15	094	
17:32	11.5	9.37	5.8	0.15	095	
17:33	11.6	9.36	5.8	0.16	100	
17:33	11.5	9.33	5.8	0.17	094	
17:33	11.5	9.31	5.8	0.18	097	

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:00	0.8	1.00	5.3	0.12	071	
18:00	0.8	1.00	5.3	0.14	072	
18:00	0.8	1.00	5.3	0.15	072	
18:00	0.8	1.00	5.3	0.14	074	
18:00	0.7	1.00	5.3	0.11	074	
18:00	0.8	1.00	5.3	0.13	080	
18:00	0.8	1.00	5.3	0.12	082	
18:00	0.8	1.00	5.3	0.14	062	
18:00	0.7	1.00	5.3	0.14	075	
18:00	0.7	1.00	5.3	0.13	067	
18:00	0.8	1.00	5.3	0.13	085	
18:00	0.8	1.00	5.3	0.13	064	
18:00	0.9	1.00	5.3	0.11	082	
18:00	1.2	1.00	5.3	0.10	071	
18:00	1.5	1.00	5.3	0.11	082	
18:00	1.7	1.00	5.3	0.12	084	
18:01	2.0	1.00	5.3	0.12	082	
18:01	2.3	1.00	5.3	0.11	087	
18:01	2.6	1.00	5.3	0.11	079	
18:01	3.0	1.00	5.3	0.16	074	
18:01	3.2	1.00	5.3	0.21	074	
18:01	3.6	1.00	5.3	0.28	073	
18:01	3.9	2.34	5.4	0.34	075	
18:01	4.2	2.89	5.4	0.40	076	
18:01	4.5	3.24	5.4	0.45	078	
18:01	4.8	3.68	5.5	0.51	081	
18:01	5.1	4.10	5.5	0.56	080	
18:01	5.4	4.39	5.6	0.56	080	
18:01	5.7	5.02	5.7	0.51	078	
18:01	6.0	5.49	5.7	0.49	071	
18:01	6.3	5.71	5.7	0.47	076	
18:01	6.7	5.99	5.7	0.43	074	
18:01	7.0	6.20	5.7	0.41	068	
18:01	7.2	6.53	5.7	0.35	066	
18:01	7.6	7.25	5.7	0.26	066	
18:01	7.9	7.95	5.8	0.23	063	
18:02	8.2	8.29	5.8	0.19	060	
18:02	8.6	8.49	5.8	0.16	064	
18:02	8.9	8.83	5.8	0.10	057	
18:02	9.2	8.98	5.8	0.08	037	
18:02	9.5	9.73	5.8	0.07	041	
18:02	9.8	10.38	5.9	0.08	041	
18:02	10.2	10.62	5.9	0.10	054	
18:02	10.5	10.68	5.9	0.10	056	
18:02	10.8	10.70	5.9	0.09	057	
18:02	11.5	10.73	5.9	0.09	066	

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:02	11.8	10.75	5.9	0.08	067	
18:02	12.1	10.75	5.9	0.08	073	
18:02	12.4	10.76	5.9	0.13	068	
18:02	12.6	10.77	5.9	0.14	113	
18:02	12.6	10.78	5.9	0.15	085	
18:02	12.1	10.78	5.9	0.09	056	
18:02	12.1	10.78	5.9	0.12	074	
18:02	12.1	10.78	5.9	0.11	084	
18:02	12.1	10.78	5.9	0.10	069	
18:02	12.1	10.78	5.9	0.11	067	
18:03	12.1	10.77	5.9	0.10	077	
18:03	12.1	10.77	5.9	0.10	089	
18:03	12.1	10.77	5.9	0.11	083	
18:03	12.1	10.77	5.9	0.11	077	
18:03	12.1	10.77	5.9	0.10	081	

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:30	1.0	1.00	5.3	0.12	069	
18:30	1.0	1.00	5.3	0.10	076	
18:30	1.0	1.00	5.3	0.14	075	
18:30	1.0	1.00	5.3	0.14	072	
18:30	1.0	1.00	5.3	0.13	073	
18:30	1.0	1.00	5.3	0.12	077	
18:30	1.1	1.00	5.3	0.07	124	
18:30	1.4	1.00	5.3	0.12	093	
18:30	1.8	1.00	5.3	0.10	134	
18:30	2.3	1.00	5.3	0.08	072	
18:31	2.8	1.00	5.3	0.13	074	
18:31	3.4	1.00	5.4	0.22	076	
18:31	3.9	2.78	5.4	0.25	089	
18:31	4.4	3.46	5.5	0.39	089	
18:31	4.9	4.27	5.6	0.50	086	
18:31	5.4	5.35	5.7	0.48	084	
18:31	5.9	6.85	5.7	0.48	084	
18:31	6.4	7.81	5.7	0.47	080	
18:31	7.0	8.48	5.8	0.43	081	
18:31	7.5	9.02	5.8	0.30	070	
18:31	8.0	9.44	5.8	0.27	086	
18:31	8.6	9.78	5.9	0.22	096	
18:31	9.1	10.15	5.9	0.11	090	
18:31	9.6	10.39	5.9	0.07	087	
18:31	10.1	10.74	5.9	0.04	077	
18:31	10.7	10.87	5.9	0.08	072	
18:31	11.2	10.94	5.9	0.09	080	
18:31	11.7	11.01	5.9	0.08	066	
18:31	12.3	11.04	5.9	0.08	079	
18:31	12.8	11.06	5.9	0.12	100	
18:31	13.4	11.06	5.9	0.07	082	
18:32	13.9	11.07	5.9	0.17	086	
18:32	13.9	11.07	5.9	0.08	080	
18:32	13.9	11.07	5.9	0.08	090	
18:32	13.8	11.08	5.9	0.09	125	
18:32	13.6	11.07	5.9	0.14	089	
18:32	13.3	11.07	5.9	0.15	114	
18:32	13.0	11.08	5.9	0.07	137	
18:32	12.8	11.08	5.9	0.06	060	
18:32	12.8	11.08	5.9	0.12	085	
18:32	12.8	11.08	5.9	0.13	046	
18:32	12.8	11.08	5.9	0.06	091	
18:32	12.8	11.08	5.9	0.10	039	
18:32	12.8	11.08	5.9	0.12	029	

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
19:00	0.9	1.00	5.3	0.11	076	
19:00	0.9	1.00	5.4	0.11	084	
19:01	0.9	1.00	5.4	0.13	077	
19:01	0.9	1.00	5.4	0.12	070	
19:01	0.9	1.00	5.3	0.13	074	
19:01	0.9	1.00	5.4	0.12	054	
19:01	0.9	1.00	5.3	0.11	073	
19:01	0.9	1.00	5.4	0.12	064	
19:01	0.9	1.00	5.3	0.14	074	
19:01	1.0	1.00	5.4	0.13	083	
19:01	1.5	1.00	5.3	0.12	111	
19:01	1.9	1.00	5.3	0.17	120	
19:01	2.4	1.00	5.3	0.17	083	
19:01	3.0	1.00	5.3	0.19	069	
19:01	3.5	2.89	5.4	0.16	080	
19:01	4.1	3.72	5.5	0.15	081	
19:01	4.6	4.59	5.6	0.40	093	
19:01	5.1	5.90	5.6	0.36	086	
19:01	5.6	6.83	5.7	0.41	092	
19:01	6.2	7.59	5.7	0.35	083	
19:01	6.7	8.30	5.8	0.47	084	
19:01	7.2	8.98	5.8	0.43	080	
19:02	7.8	9.67	5.9	0.38	081	
19:02	8.3	10.09	5.9	0.30	064	
19:02	8.9	10.45	5.9	0.22	065	
19:02	9.4	10.59	5.9	0.18	050	
19:02	10.0	10.82	5.9	0.17	067	
19:02	10.5	10.98	5.9	0.15	063	
19:02	11.0	11.08	5.9	0.16	054	
19:02	11.6	11.16	6.0	0.17	071	
19:02	12.1	11.30	5.9	0.20	066	
19:02	12.7	11.44	6.0	0.22	083	
19:02	13.2	11.48	6.0	0.19	082	
19:02	13.8	11.49	6.0	0.23	088	
19:02	13.9	11.48	6.0	0.20	103	
19:02	13.9	11.49	6.0	0.16	092	

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
19:29	1.0	1.00	5.4	0.04	023	
19:29	1.0	1.00	5.3	0.04	351	
19:29	0.9	1.00	5.4	0.04	008	
19:29	1.0	1.00	5.4	0.08		311
19:29	1.0	1.00	5.4	0.01		305
19:29	0.9	1.00	5.4	0.06		303
19:29	1.0	1.00	5.3	0.03	022	
19:29	1.0	1.00	5.4	0.06		333
19:30	1.0	1.00	5.3	0.04	353	
19:30	1.0	1.00	5.3	0.05		335
19:30	1.0	1.00	5.4	0.04		336
19:30	0.9	1.00	5.3	0.06		327
19:30	1.1	1.00	5.3	0.04	024	
19:30	1.4	1.00	5.3	0.09		286
19:30	1.8	1.00	5.4	0.05		341
19:30	2.2	1.00	5.3	0.05		329
19:30	2.6	1.00	5.3	0.04	359	
19:30	3.1	1.00	5.4	0.03	088	
19:30	3.5	1.00	5.4	0.06	067	
19:30	3.9	2.25	5.4	0.10	085	
19:30	4.3	3.83	5.6	0.14	147	
19:30	4.8	4.74	5.6	0.25	109	
19:30	5.2	5.69	5.6	0.26	112	
19:30	5.6	6.34	5.6	0.32	109	
19:30	6.1	6.78	5.6	0.33	102	
19:30	6.5	7.49	5.7	0.29	096	
19:30	6.9	8.00	5.8	0.36	094	
19:30	7.3	8.37	5.8	0.37	099	
19:30	7.8	8.66	5.8	0.46	091	
19:31	8.2	9.36	5.8	0.44	091	
19:31	8.6	9.57	5.9	0.34	087	
19:31	9.0	10.05	5.9	0.39	089	
19:31	9.4	10.34	5.9	0.31	085	
19:31	9.9	10.63	5.9	0.29	083	
19:31	10.4	10.91	5.9	0.22	073	
19:31	10.8	11.04	5.9	0.22	076	
19:31	11.2	11.26	6.0	0.19	072	
19:31	11.7	11.48	6.0	0.16	070	
19:31	12.1	11.62	6.0	0.18	075	
19:31	12.5	11.70	6.0	0.20	071	
19:31	12.9	11.77	6.0	0.20	079	
19:31	13.3	11.89	6.0	0.25	081	
19:31	13.8	11.98	6.0	0.26	083	
19:31	14.2	12.00	6.0	0.20	074	
19:31	14.3	12.01	6.0	0.22	097	

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
20:00	*	1.2	1.00	5.4	0.13		270
20:00		1.2	1.00	5.4	0.11		266
20:00		1.2	1.00	5.3	0.12		257
20:00		1.1	1.00	5.3	0.13		279
20:00		1.1	1.00	5.3	0.16		252
20:00		1.1	1.00	5.4	0.11		275
20:00		1.1	1.00	5.4	0.11		245
20:00		1.1	1.00	5.3	0.10		252
20:00		1.1	1.00	5.3	0.15		268
20:00		1.1	1.00	5.4	0.15		257
20:00		1.1	1.00	5.4	0.17		271
20:00		1.1	1.00	5.3	0.16		259
20:00		1.1	1.00	5.3	0.14		276
20:00		1.1	1.00	5.3	0.16		262
20:00		1.1	1.00	5.3	0.15		270
20:00		1.1	1.00	5.3	0.17		255
20:00		1.1	1.00	5.4	0.14		263
20:00		1.1	1.00	5.3	0.15		250
20:01		1.4	1.00	5.3	0.17		258
20:01		1.8	1.00	5.3	0.10		278
20:01		2.2	1.00	5.3	0.08		266
20:01		2.6	1.00	5.3	0.11		260
20:01		3.0	1.00	5.3	0.21		301
20:01	*	3.4	1.00	5.3	0.12		235
20:01		3.9	1.00	5.3	0.09		301
20:01		4.3	2.32	5.4	0.06		216
20:01		4.7	2.63	5.4	0.02		232
20:01		5.2	4.00	5.5	0.15		339
20:01		5.6	4.41	5.6	0.06	063	
20:01	*	6.1	4.66	5.6	0.04	055	
20:01		6.5	5.90	5.7	0.02	050	
20:01		7.0	7.25	5.8	0.16		338
20:01		7.4	7.76	5.8	0.03	040	
20:01		7.8	9.08	5.8	0.03	157	
20:01		8.3	10.08	5.9	0.01	136	
20:01		8.7	11.20	6.0	0.09		262
20:01		9.2	11.78	6.0	0.15		284
20:01		9.5	11.88	6.0	0.11		274
20:01	*	9.5	11.86	6.0	0.05		230

PROFILES AT PURFLEET POINT (* = Plotted Value)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

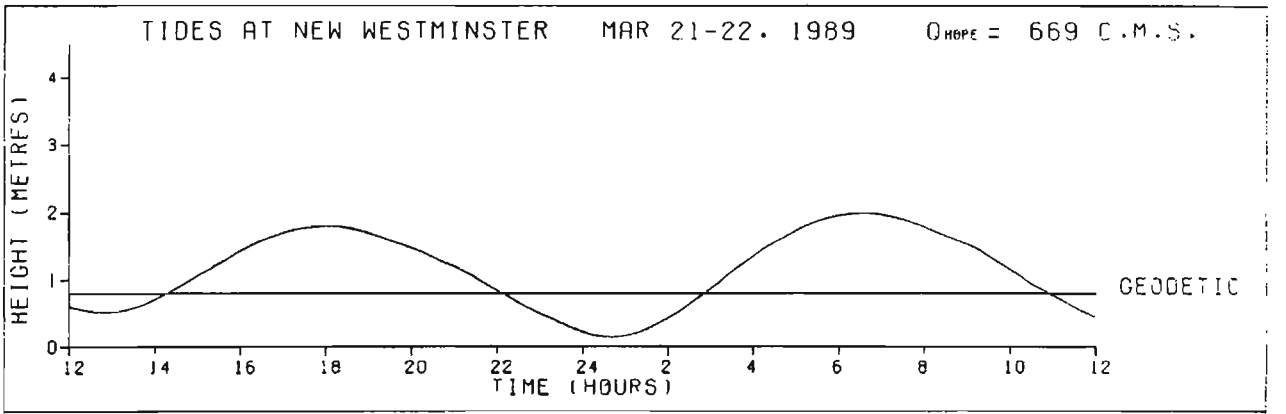
TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
20:30	1.0	1.00	5.2	0.24		248
20:30	1.0	1.00	5.2	0.40		236
20:30	1.0	1.00	5.2	0.38		232
20:30	1.0	1.00	5.2	0.35		236
20:30	1.0	1.00	5.2	0.33		231
20:30	1.0	1.00	5.2	0.28		238
20:30	1.0	1.00	5.2	0.38		237
20:30	1.0	1.00	5.2	0.32		250
20:30	1.0	1.00	5.2	0.40		238
20:30	1.0	1.00	5.2	0.38		238
20:30	0.9	1.00	5.2	0.45		245
20:30	1.0	1.00	5.2	0.37		225
20:30	1.1	1.00	5.3	0.34		260
20:30	1.4	1.00	5.3	0.35		231
20:30	1.9	1.00	5.3	0.32		247
20:30	2.3	1.00	5.4	0.28		239
20:30	2.8	2.28	5.4	0.28		238
20:30	3.3	2.96	5.4	0.25		237
20:30	3.7	3.24	5.4	0.22		235
20:30	4.2	3.42	5.5	0.27		217
20:31	4.7	4.04	5.6	0.18		229
20:31	5.1	4.46	5.6	0.21		235
20:31	5.6	4.90	5.6	0.22		252
20:31	6.1	6.06	5.7	0.23		251
20:31	6.5	6.32	5.7	0.24		257
20:31	7.0	6.94	5.7	0.16		240
20:31	7.5	7.48	5.8	0.15		229
20:31	7.9	7.70	5.8	0.19		240
20:31	8.4	8.40	5.8	0.22		249
20:31	8.8	8.95	5.8	0.28		232
20:31	8.8	8.97	5.8	0.24		251
20:31	8.8	8.75	5.8	0.21		255

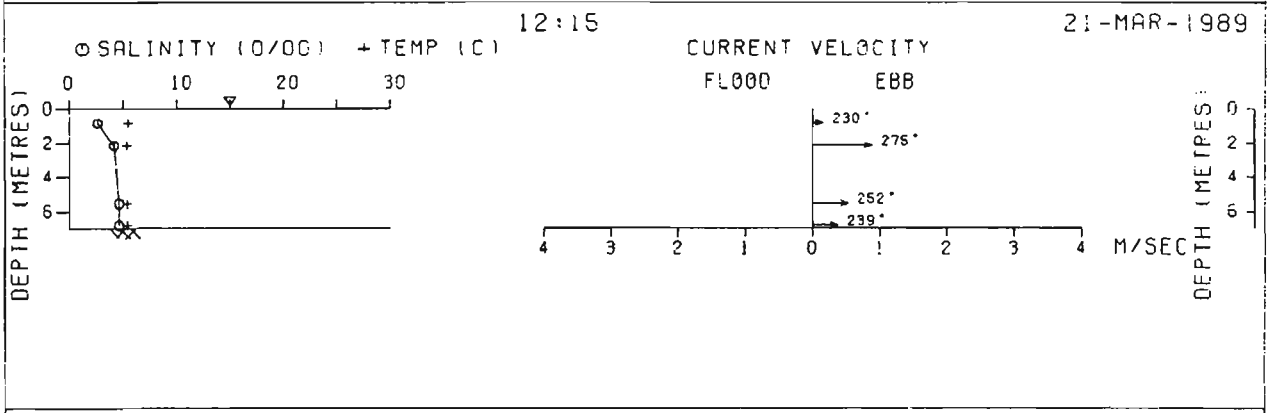
PROFILES AT PURFLEET POINT (* = Plotted Value)

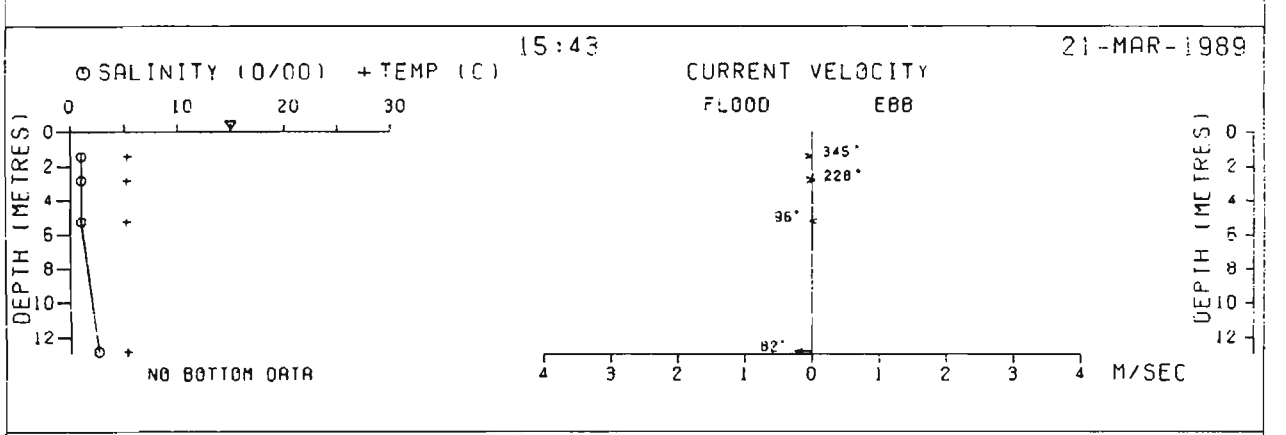
21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

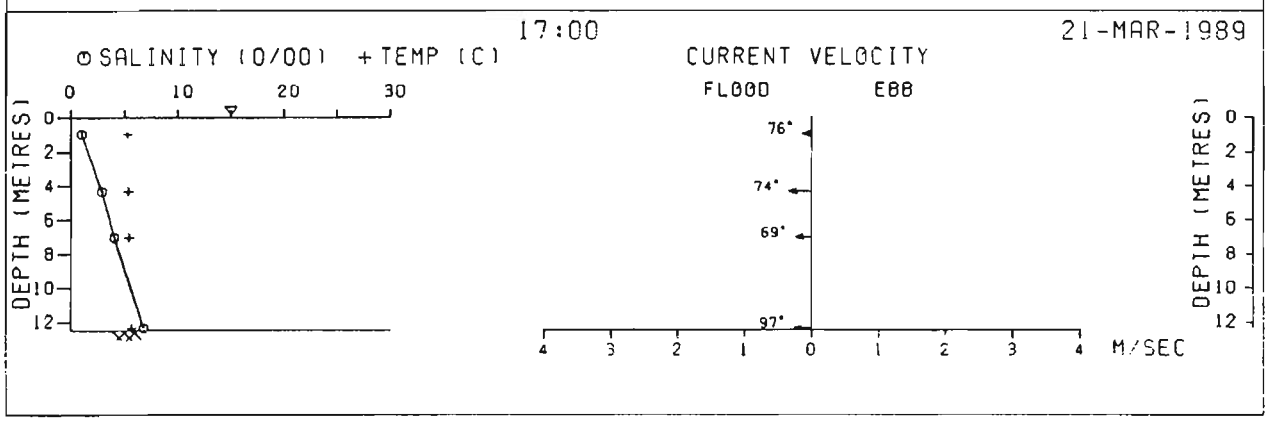
TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
21:00	1.0	1.00	5.3	0.69		251
21:00	1.0	1.00	5.3	0.69		254
21:00	1.0	1.00	5.3	0.46		236
21:00	1.0	1.00	5.2	0.58		213
21:00	1.0	1.00	5.3	0.57		238
21:00	1.0	1.00	5.3	0.48		225
21:00	1.0	1.00	5.3	0.76		243
21:00	1.0	1.00	5.3	0.48		239
21:00	1.0	1.00	5.3	0.51		242
21:00	1.2	1.00	5.3	0.41		264
21:00	1.5	1.00	5.2	0.39		228
21:00	1.9	1.00	5.3	0.63		222
21:00	2.3	1.00	5.2	0.41		216
21:00	2.6	1.00	5.3	0.60		237
21:00	3.0	1.00	5.3	0.66		229
21:00	3.4	1.00	5.3	0.53		245
21:00	3.8	1.00	5.3	0.61		245
21:00	4.2	1.00	5.3	0.63		249
21:00	4.5	2.41	5.4	0.61		250
21:01	4.9	2.62	5.4	0.45		246
21:01	5.3	2.81	5.4	0.45		256
21:01	5.7	3.14	5.4	0.36		249
21:01	6.1	3.56	5.5	0.36		255
21:01	6.5	4.56	5.6	0.38		276
21:01	6.9	4.83	5.6	0.30		243
21:01	7.2	4.97	5.6	0.35		306
21:01	7.6	5.44	5.6	0.30		273
21:01	8.0	7.29	5.7	0.15		241
21:01	8.4	9.71	5.9	0.22		267
21:01	8.7	10.31	5.9	0.18		265
21:01	9.0	10.46	5.9	0.09		248
21:01	9.0	10.50	5.9	0.14		259

PROFILES AT PURFLEET POINT

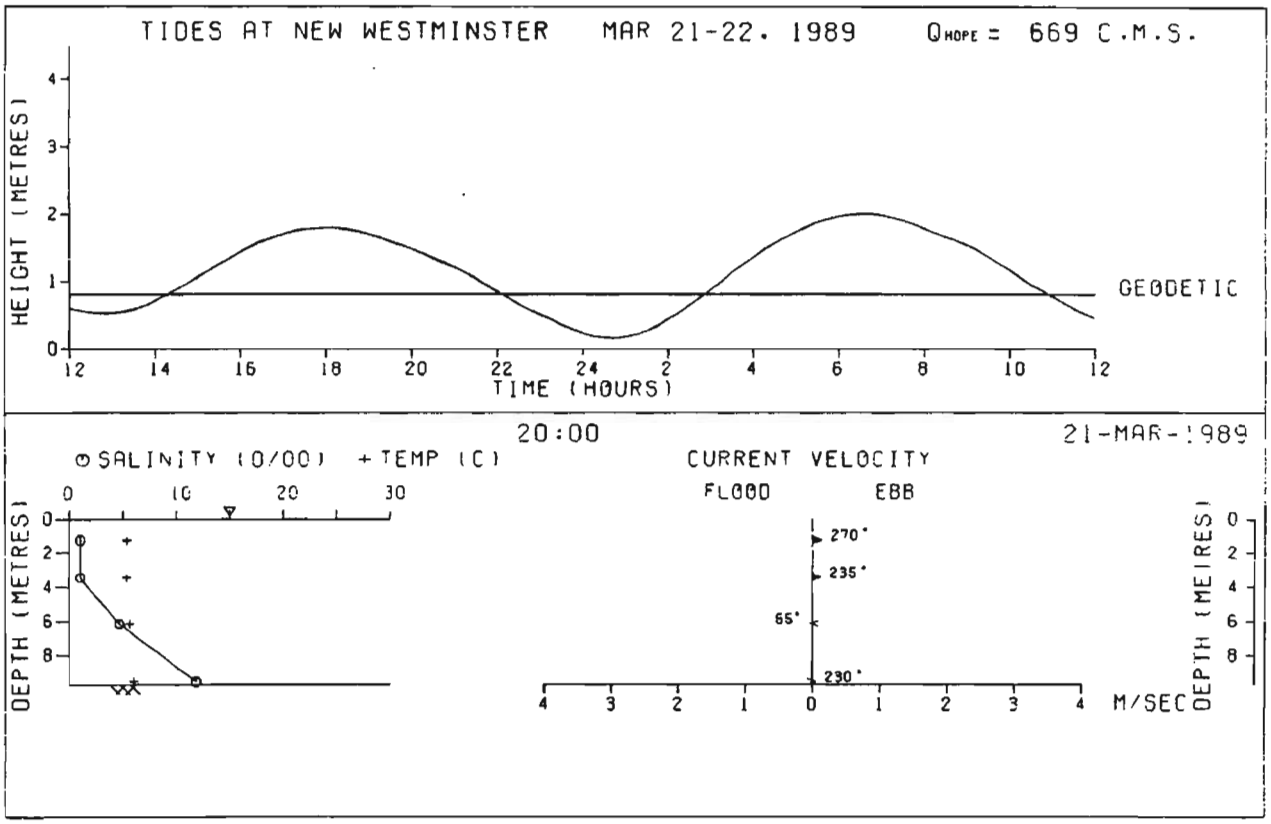








PROFILES AT PURFLEET POINT



TIME SERIES AT PURFLEET POINT (Not Plotted)

21-MAR-1989 RIVER DISCHARGE AT HOPE = 669 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMP (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
18:12	12.0	10.92	5.9	0.12	098	
18:13	12.0	10.93	5.9	0.11	093	
18:14	12.0	10.94	5.9	0.11	097	
18:15	12.0	10.96	5.9	0.11	095	

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
3:00	0.9	1.00	5.3	0.05		338
3:00	0.9	1.00	5.3	0.02	353	
3:00	1.0	1.00	5.3	0.04		306
3:00	0.9	1.00	5.3	0.05		271
3:00	1.0	1.00	5.3	0.04		333
3:00	0.9	1.00	5.3	0.03		217
3:01	0.9	1.00	5.3	0.04		298
3:01	0.9	1.00	5.3	0.01		314
3:01	1.0	1.00	5.3	0.03	001	
3:01	0.9	1.00	5.3	0.07		349
3:01	1.0	1.00	5.3	0.06		205
3:01	1.5	1.00	5.3	0.05		279
3:01	2.0	1.00	5.2	0.04		309
3:01	2.6	1.00	5.2	0.04	016	
3:01	3.1	1.00	5.2	0.09	000	
3:01	3.6	1.00	5.2	0.06		342
3:01	4.1	1.00	5.2	0.04	006	
3:01	4.5	1.00	5.2	0.03	015	
3:01	4.9	1.00	5.2	0.04	063	
3:01	5.2	1.00	5.2	0.00	099	
3:01	5.6	1.00	5.2	0.01	358	
3:01	6.0	1.00	5.2	0.03	016	
3:01	6.4	1.00	5.2	0.06	043	
3:01	6.8	1.00	5.2	0.04	055	
3:01	7.2	1.00	5.2	0.04	020	
3:01	7.5	1.00	5.2	0.01		173
3:01	8.0	1.00	5.2	0.04		327
3:02	8.3	1.00	5.2	0.03	055	
3:02	8.8	1.00	5.2	0.03	032	
3:02	9.1	1.00	5.2	0.04	081	
3:02	9.5	1.00	5.2	0.04	029	
3:02	9.9	1.00	5.2	0.03	108	
3:02	10.4	1.00	5.2	0.01	022	
3:02	10.7	1.00	5.2	0.02	014	
3:02	11.1	1.00	5.2	0.02	078	
3:02	11.5	1.00	5.2	0.00	358	
3:02	11.9	1.00	5.2	0.01	078	
3:02	12.3	1.00	5.2	0.01	035	
3:02	12.7	1.00	5.2	0.01	008	
3:02	13.0	1.00	5.2	0.18	007	
3:02	13.0	1.00	5.2	0.06	026	
3:02	13.0	1.00	5.2	0.03	001	
3:02	13.0	1.00	5.2	0.03		317
3:02	13.0	1.00	5.2	0.04		254
3:03	13.0	1.00	5.2	0.07	119	
3:03	13.0	1.00	5.2	0.12	128	

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
3:30	*	1.0	1.00	5.3	0.10	083	
3:30		1.1	1.00	5.3	0.10	078	
3:30		1.1	1.00	5.3	0.10	076	
3:30		1.1	1.00	5.3	0.12	092	
3:30		1.1	1.00	5.3	0.10	081	
3:30		1.0	1.00	5.3	0.11	084	
3:30		1.1	1.00	5.3	0.11	076	
3:30		1.0	1.00	5.3	0.12	081	
3:30		1.0	1.00	5.3	0.10	066	
3:30		1.0	1.00	5.3	0.13	085	
3:30		1.1	1.00	5.3	0.13	085	
3:30		1.0	1.00	5.3	0.09	104	
3:30		1.4	1.00	5.2	0.10	104	
3:30		1.9	1.00	5.2	0.10	094	
3:30		2.2	1.00	5.2	0.11	089	
3:30		2.8	1.00	5.2	0.13	074	
3:30		3.3	1.00	5.2	0.11	093	
3:30		3.7	1.00	5.2	0.13	076	
3:31	*	4.2	1.00	5.2	0.12	074	
3:31		4.7	1.00	5.2	0.13	078	
3:31		5.1	1.00	5.2	0.13	081	
3:31		5.6	1.00	5.2	0.14	065	
3:31		6.1	1.00	5.2	0.12	085	
3:31		6.6	1.00	5.2	0.14	078	
3:31		7.1	1.00	5.2	0.14	067	
3:31		7.6	1.00	5.2	0.14	073	
3:31		8.0	1.00	5.2	0.12	086	
3:31		8.5	1.00	5.2	0.15	065	
3:31	*	9.0	1.00	5.2	0.15	074	
3:31		9.4	1.00	5.2	0.13	079	
3:31		10.0	1.00	5.2	0.14	070	
3:31		10.5	1.00	5.2	0.12	071	
3:31		10.9	1.00	5.2	0.13	075	
3:31		11.4	1.00	5.2	0.14	072	
3:31		11.8	1.00	5.2	0.14	075	
3:31		12.2	1.00	5.2	0.18	050	
3:31		12.6	1.00	5.2	0.12	070	
3:31		13.0	1.00	5.2	0.13	055	
3:31		13.4	1.00	5.2	0.12	062	
3:32		13.6	1.00	5.2	0.21	048	
3:32		13.7	1.00	5.2	0.16	071	
3:32		13.7	1.00	5.2	0.13	078	
3:32		13.7	1.00	5.2	0.13	081	
3:32		13.7	1.00	5.2	0.13	082	
3:32		13.6	1.00	5.2	0.13	084	
3:32	*	13.7	1.00	5.2	0.12	083	

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
4:00	1.1	1.00	5.3	0.25	103	
4:00	1.1	1.00	5.3	0.26	107	
4:00	1.1	1.00	5.3	0.25	095	
4:00	1.1	1.00	5.3	0.21	106	
4:00	1.1	1.00	5.3	0.30	098	
4:00	1.1	1.00	5.3	0.27	099	
4:00	1.1	1.00	5.3	0.22	094	
4:00	1.1	1.00	5.3	0.29	096	
4:00	1.1	1.00	5.3	0.24	091	
4:00	1.1	1.00	5.3	0.26	100	
4:00	1.1	1.00	5.3	0.24	107	
4:00	1.2	1.00	5.3	0.25	103	
4:00	1.2	1.00	5.3	0.23	102	
4:00	1.5	1.00	5.2	0.24	096	
4:00	1.9	1.00	5.2	0.25	101	
4:00	2.5	1.00	5.2	0.25	090	
4:00	3.0	1.00	5.2	0.27	085	
4:00	3.4	1.00	5.2	0.24	090	
4:00	3.9	1.00	5.2	0.31	080	
4:01	4.3	1.00	5.2	0.31	088	
4:01	4.9	1.00	5.2	0.31	087	
4:01	5.3	1.00	5.2	0.31	082	
4:01	5.9	1.00	5.2	0.24	057	
4:01	6.4	1.00	5.2	0.26	079	
4:01	6.8	1.00	5.2	0.28	075	
4:01	7.4	1.00	5.2	0.35	083	
4:01	7.9	1.00	5.2	0.36	077	
4:01	8.4	1.00	5.2	0.34	078	
4:01	8.9	1.00	5.2	0.39	088	
4:01	9.4	1.00	5.2	0.40	075	
4:01	10.0	1.00	5.2	0.32	077	
4:01	10.4	1.00	5.2	0.28	078	
4:01	11.0	1.00	5.2	0.29	081	
4:01	11.4	1.00	5.2	0.32	082	
4:01	12.0	1.00	5.2	0.24	077	
4:01	12.5	1.00	5.2	0.31	086	
4:01	12.7	1.00	5.2	0.21	104	
4:01	12.6	1.00	5.2	0.28	115	
4:01	12.6	1.00	5.2	0.26	087	
4:01	12.6	1.00	5.2	0.23	098	
4:02	12.6	1.00	5.2	0.25	081	
4:02	12.6	1.00	5.2	0.22	110	
4:02	12.7	1.00	5.2	0.20	090	
4:02	12.6	1.00	5.2	0.16	117	
4:02	12.7	1.00	5.2	0.29	076	
4:02	12.7	1.00	5.2	0.10	106	

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
4:30		1.0	1.00	5.3	0.30	076	
4:30		0.9	1.00	5.3	0.32	082	
4:30		0.9	1.00	5.3	0.39	096	
4:30	*	0.9	1.00	5.3	0.41	089	
4:30		0.9	1.00	5.3	0.35	085	
4:30		0.9	1.00	5.3	0.35	079	
4:30		0.9	1.00	5.3	0.38	082	
4:30		0.9	1.00	5.3	0.38	090	
4:30		0.9	1.00	5.3	0.41	081	
4:30		0.9	1.00	5.3	0.38	091	
4:30		1.0	1.00	5.3	0.38	088	
4:30		0.9	1.00	5.3	0.42	085	
4:30		0.9	1.00	5.3	0.29	094	
4:30		1.2	1.00	5.3	0.29	087	
4:30		1.6	1.00	5.3	0.35	092	
4:31		2.2	1.00	5.3	0.40	088	
4:31		2.7	1.00	5.3	0.42	087	
4:31		3.2	1.00	5.3	0.40	085	
4:31		3.8	1.00	5.3	0.42	082	
4:31		4.3	1.00	5.3	0.28	084	
4:31		5.0	1.00	5.3	0.36	091	
4:31	*	5.5	1.00	5.3	0.38	053	
4:31		6.1	1.00	5.3	0.41	063	
4:31		6.7	1.00	5.3	0.50	063	
4:31		7.2	1.00	5.3	0.50	076	
4:31	*	7.8	1.00	5.4	0.42	060	
4:31		8.4	2.46	5.4	0.49	072	
4:31		8.8	2.98	5.4	0.44	061	
4:31		9.5	3.21	5.4	0.40	080	
4:31		10.0	3.24	5.5	0.38	063	
4:31		11.1	3.29	5.5	0.35	071	
4:31		11.7	3.42	5.5	0.37	075	
4:31		12.3	3.59	5.5	0.39	094	
4:31		12.8	3.63	5.5	0.43	094	
4:31		13.0	3.65	5.5	0.47	087	
4:32		13.0	3.68	5.5	0.44	094	
4:32		13.1	3.68	5.5	0.43	090	
4:32		13.0	3.71	5.5	0.46	090	
4:32		13.0	3.74	5.5	0.44	089	
4:32		13.0	3.77	5.5	0.36	087	
4:32		13.0	3.77	5.5	0.41	084	
4:32		13.0	3.77	5.5	0.46	092	
4:32		13.0	3.77	5.5	0.43	100	
4:32		13.0	3.75	5.5	0.44	099	
4:32	*	13.0	3.74	5.5	0.47	093	
4:32		13.0	3.73	5.5	0.44	092	

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
4:46	0.8	1.00	5.3	0.25	107	
4:46	0.8	1.00	5.3	0.20	113	
4:47	0.9	1.00	5.3	0.35	092	
4:47	0.9	1.00	5.3	0.34	095	
4:47	0.9	1.00	5.3	0.23	093	
4:47	0.9	1.00	5.3	0.29	083	
4:47	0.9	1.00	5.3	0.22	087	
4:47	0.8	1.00	5.3	0.32	091	
4:47	0.9	1.00	5.3	0.43	109	
4:47	0.8	1.00	5.3	0.39	094	
4:47	0.8	1.00	5.3	0.31	103	
4:47	1.0	1.00	5.3	0.19	089	
4:47	1.4	1.00	5.3	0.40	115	
4:47	1.8	1.00	5.3	0.57	106	
4:47	2.2	1.00	5.3	0.61	097	
4:47	3.1	1.00	5.3	0.39		294
4:47	3.5	1.00	5.3	0.15	069	
4:47	4.0	1.00	5.3	0.23	051	
4:47	4.4	1.00	5.3	0.24	095	
4:47	4.8	1.00	5.3	0.39	086	
4:47	5.3	1.00	5.3	0.38	068	
4:47	5.8	1.00	5.3	0.36	073	
4:48	6.2	1.00	5.3	0.45	072	
4:48	6.7	1.00	5.4	0.63	075	
4:48	7.1	2.27	5.4	0.39	070	
4:48	7.5	3.27	5.5	0.45	083	
4:48	8.0	4.03	5.5	0.46	061	
4:48	8.5	4.11	5.5	0.55	058	
4:48	9.0	4.19	5.5	0.51	057	
4:48	9.5	4.18	5.5	0.41	045	
4:48	9.9	4.25	5.5	0.45	049	
4:48	10.4	4.28	5.5	0.49	047	
4:48	10.8	4.34	5.5	0.43	053	
4:48	11.3	4.37	5.5	0.41	040	
4:48	11.7	4.53	5.5	0.37	062	
4:48	12.2	4.62	5.5	0.37	063	
4:48	12.6	5.12	5.6	0.41	071	
4:48	12.8	5.00	5.6	0.37	078	
4:48	12.8	4.96	5.6	0.36	086	
4:48	12.9	5.09	5.5	0.34	092	
4:48	12.9	4.90	5.5	0.34	094	
4:48	12.9	4.93	5.6	0.41	092	
4:48	12.8	5.05	5.6	0.38	100	
4:49	12.8	5.00	5.6	0.43	092	
4:49	12.8	5.01	5.6	0.35	091	
4:49	12.8	4.89	5.5	0.44	089	

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
5:33	0.8	1.00	5.3	0.60	085
5:33	0.8	1.00	5.3	0.64	073
5:33	0.8	1.00	5.3	0.67	091
5:33	0.8	1.00	5.3	0.54	076
5:33	0.8	1.00	5.3	0.59	075
5:33	0.8	1.00	5.3	0.48	080
5:33	0.8	1.00	5.3	0.55	084
5:33	1.1	1.00	5.3	0.40	102
5:33	1.4	1.00	5.3	0.33	080
5:34	2.0	1.00	5.3	0.62	065
5:34	2.5	1.00	5.3	0.68	092
5:34	3.1	1.00	5.3	0.87	076
5:34	3.6	1.00	5.3	0.77	079
5:34	4.1	1.00	5.4	1.05	071
5:34	4.7	1.00	5.4	0.97	077
5:34	5.2	2.66	5.4	0.99	077
5:34	5.7	2.87	5.4	0.84	069
5:34	6.3	3.13	5.4	0.87	074
5:34	6.8	3.45	5.5	0.75	070
5:34	7.4	3.93	5.5	0.87	080
5:34	8.0	4.63	5.5	0.93	078
5:34	8.6	5.05	5.6	0.74	070
5:34	9.2	5.40	5.6	0.67	075
5:34	9.8	5.56	5.6	0.61	076
5:34	10.4	5.64	5.6	0.58	082
5:34	11.0	5.86	5.6	0.52	081
5:34	11.7	6.53	5.7	0.44	077
5:34	12.3	6.61	5.7	0.31	082
5:34	12.9	6.68	5.7	0.22	096
5:35	13.5	6.97	5.7	0.22	090
5:35	14.0	7.36	5.7	0.20	077
5:35	14.0	7.39	5.7	0.25	080
5:35	14.0	7.41	5.7	0.23	085
5:35	14.0	7.40	5.7	0.22	084
5:35	14.0	7.40	5.7	0.26	076
5:35	14.0	7.39	5.7	0.24	107
5:35	14.0	7.40	5.7	0.25	084
5:35	14.0	7.44	5.7	0.23	079
5:35	14.0	7.40	5.7	0.26	076
5:35	14.0	7.32	5.7	0.25	079
5:35	14.0	7.33	5.7	0.23	079
5:35	14.0	7.39	5.7	0.27	081
5:35	14.1	7.45	5.7	0.24	086

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
5:46	0.9	1.00	5.3	0.35	059	
5:46	1.0	1.00	5.3	0.31	062	
5:47	1.0	1.00	5.3	0.04	102	
5:47	1.0	1.00	5.3	0.39	093	
5:47	0.9	1.00	5.3	0.56	109	
5:47	0.9	1.00	5.3	0.24	058	
5:47	1.0	1.00	5.3	0.47	061	
5:47	0.9	1.00	5.3	0.26	077	
5:47	1.0	1.00	5.3	0.20		173
5:47	1.0	1.00	5.3	0.31	107	
5:47	1.0	1.00	5.3	0.13	072	
5:47	0.9	1.00	5.3	0.17		325
5:47	1.0	1.00	5.3	0.22	063	
5:47	1.2	1.00	5.3	0.33	050	
5:47	1.6	1.00	5.3	0.32	101	
5:47	1.9	1.00	5.3	0.62	073	
5:47	2.3	1.00	5.3	0.49	047	
5:47	2.7	1.00	5.3	0.51	060	
5:47	3.1	1.00	5.4	0.56	091	
5:47	3.5	2.31	5.4	0.55	086	
5:47	4.0	2.83	5.4	0.37	042	
5:47	4.5	3.25	5.4	0.56	046	
5:48	5.1	3.68	5.5	0.74	074	
5:48	5.8	4.26	5.5	0.74	073	
5:48	6.5	5.25	5.6	0.68	080	
5:48	7.0	6.18	5.6	0.67	085	
5:48	7.5	6.51	5.7	0.57	082	
5:48	8.0	6.63	5.7	0.51	088	
5:48	8.5	6.72	5.7	0.50	086	
5:48	9.0	6.84	5.7	0.34	078	
5:48	9.5	6.88	5.7	0.31	070	
5:48	9.9	6.95	5.7	0.26	071	
5:48	10.4	7.05	5.7	0.22	056	
5:48	10.9	7.39	5.7	0.21	080	
5:48	11.4	7.65	5.7	0.14	119	
5:48	11.8	7.73	5.7	0.26	112	
5:48	12.3	7.78	5.7	0.26	089	
5:48	12.8	7.86	5.8	0.28	090	
5:48	13.2	7.87	5.8	0.23	086	
5:48	13.7	7.89	5.8	0.22	095	
5:48	13.7	7.88	5.7	0.26	099	
5:48	13.7	7.89	5.8	0.25	100	
5:48	13.7	7.88	5.8	0.28	097	
5:49	13.7	7.89	5.8	0.29	102	
5:49	13.7	7.89	5.8	0.26	106	
5:49	13.7	7.89	5.8	0.25	096	

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
6:00	0.9	1.00	5.3	0.18	053	
6:00	0.9	1.00	5.3	0.71	081	
6:00	0.9	1.00	5.3	0.58	077	
6:00	0.9	1.00	5.3	0.66	091	
6:00	0.9	1.00	5.3	0.61	076	
6:00	0.9	1.00	5.3	0.47	085	
6:00	0.9	1.00	5.3	0.50	078	
6:00	0.9	1.00	5.3	0.47	088	
6:00	0.9	1.00	5.3	0.65	082	
6:00	0.9	1.00	5.3	0.68	079	
6:00	0.9	1.00	5.3	0.49	078	
6:00	0.9	1.00	5.3	0.75	085	
6:00	0.9	1.00	5.3	0.73	076	
6:00	0.9	1.00	5.3	0.70	076	
6:00	0.9	1.00	5.3	0.83	084	
6:01	0.9	1.00	5.3	0.67	076	
6:01	1.5	1.00	5.3	0.52	091	
6:01	2.2	1.00	5.3	0.61	069	
6:01	3.0	1.00	5.4	0.89	075	
6:01	3.7	2.81	5.4	0.93	074	
6:01	4.4	3.98	5.5	0.78	066	
6:01	5.1	4.28	5.5	0.92	072	
6:01	5.9	4.76	5.5	0.69	069	
6:01	6.7	6.06	5.6	0.89	090	
6:01	7.6	6.86	5.7	0.60	082	
6:01	8.4	7.34	5.7	0.44	086	
6:01	9.2	7.67	5.7	0.41	095	
6:01	10.0	7.75	5.7	0.30	087	
6:01	10.8	7.92	5.8	0.21	067	
6:01	11.6	8.08	5.8	0.26	078	
6:01	12.4	8.18	5.8	0.26	081	
6:01	13.1	8.21	5.8	0.28	082	
6:01	13.9	8.21	5.8	0.21	113	
6:01	13.9	8.22	5.8	0.25	097	
6:01	13.9	8.21	5.8	0.25	106	
6:01	13.9	8.22	5.8	0.26	103	
6:02	13.9	8.21	5.8	0.28	095	
6:02	13.9	8.22	5.8	0.30	101	
6:02	13.9	8.21	5.8	0.22	097	
6:02	13.9	8.21	5.8	0.28	103	
6:02	13.9	8.20	5.8	0.30	098	
6:02	13.9	8.21	5.8	0.24	101	
6:02	13.9	8.21	5.8	0.24	096	
6:02	13.9	8.21	5.8	0.24	091	

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD EBB
6:16	1.0	1.00	5.3	0.71	078
6:16	1.0	1.00	5.3	0.67	079
6:16	0.9	1.00	5.3	0.65	079
6:16	0.9	1.00	5.3	0.76	078
6:16	0.9	1.00	5.3	0.55	081
6:16	0.9	1.00	5.3	0.68	074
6:16	0.9	1.00	5.3	0.62	074
6:16	0.9	1.00	5.3	0.72	073
6:16	0.9	1.00	5.3	0.68	079
6:16	1.0	1.00	5.3	0.72	076
6:16	0.9	1.00	5.3	0.65	078
6:16	0.9	1.00	5.3	0.52	063
6:16	1.2	1.00	5.3	0.37	067
6:16	1.9	1.00	5.3	0.54	087
6:16	2.6	1.00	5.3	0.80	085
6:16	3.3	2.29	5.4	0.70	081
6:16	4.0	3.92	5.5	0.77	082
6:17	4.7	4.60	5.5	0.92	072
6:17	5.4	4.84	5.5	0.96	079
6:17	6.1	5.40	5.6	0.78	072
6:17	6.9	5.99	5.6	0.75	078
6:17	7.6	7.00	5.7	0.65	079
6:17	8.4	7.25	5.7	0.63	082
6:17	9.3	7.54	5.7	0.49	072
6:17	10.0	7.95	5.8	0.44	083
6:17	10.8	8.34	5.8	0.40	086
6:17	11.5	8.53	5.8	0.37	090
6:17	12.3	8.57	5.8	0.34	098
6:17	12.9	8.55	5.8	0.32	086
6:17	13.7	8.57	5.8	0.36	119
6:17	13.8	8.56	5.8	0.34	103
6:17	13.8	8.58	5.8	0.37	091
6:17	13.8	8.58	5.8	0.38	102
6:17	13.8	8.58	5.8	0.30	086
6:17	13.8	8.58	5.8	0.32	094
6:17	13.8	8.58	5.8	0.30	085
6:17	13.8	8.59	5.8	0.34	093
6:18	13.8	8.59	5.8	0.30	085
6:18	13.8	8.58	5.8	0.31	094
6:18	13.8	8.59	5.8	0.31	099
6:18	13.8	8.56	5.8	0.30	096
6:18	13.8	8.58	5.8	0.32	096

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
6:30	0.8	1.00	5.3	0.69	074	
6:30	0.8	1.00	5.3	0.59	080	
6:30	0.8	1.00	5.3	0.60	074	
6:30	0.9	1.00	5.3	0.48	069	
6:30	0.8	1.00	5.3	0.36	065	
6:30	0.9	1.00	5.3	0.63	077	
6:30	0.8	1.00	5.3	0.49	069	
6:30	0.8	1.00	5.3	0.71	079	
6:30	0.8	1.00	5.3	0.58	075	
6:30	0.8	1.00	5.3	0.54	073	
6:30	0.9	1.00	5.3	0.53	078	
6:30	1.2	1.00	5.3	0.41	076	
6:30	1.5	1.00	5.3	0.52	070	
6:30	2.0	1.00	5.4	0.84	073	
6:30	2.5	1.00	5.4	0.86	072	
6:30	3.1	2.49	5.4	0.88	079	
6:30	3.7	3.33	5.4	0.87	071	
6:30	4.3	4.92	5.5	0.83	074	
6:30	5.0	5.82	5.6	0.92	076	
6:30	5.6	6.11	5.6	0.86	074	
6:31	6.4	6.53	5.7	0.82	078	
6:31	7.1	7.41	5.7	0.64	078	
6:31	7.9	7.92	5.8	0.56	075	
6:31	8.6	8.29	5.8	0.49	082	
6:31	9.3	8.47	5.8	0.43	092	
6:31	10.1	8.51	5.8	0.32	067	
6:31	10.8	8.52	5.8	0.32	076	
6:31	11.5	8.62	5.8	0.25	084	
6:31	12.2	8.65	5.8	0.20	083	
6:31	12.9	8.70	5.8	0.24	080	
6:31	13.5	8.70	5.8	0.20	100	
6:31	13.5	8.70	5.8	0.20	094	
6:31	13.5	8.71	5.8	0.21	113	
6:31	13.5	8.71	5.8	0.21	110	
6:31	13.5	8.71	5.8	0.21	106	
6:31	13.5	8.70	5.8	0.20	105	
6:31	13.5	8.71	5.8	0.22	102	
6:31	13.5	8.70	5.8	0.23	098	
6:31	13.5	8.70	5.8	0.22	103	
6:31	13.5	8.70	5.8	0.21	102	

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
6:59	*	0.9	1.00	5.3	0.73	074	
6:59		0.9	1.00	5.3	0.67	087	
7:00		1.0	1.00	5.3	0.33	025	
7:00		0.9	1.00	5.3	0.34	044	
7:00		1.0	1.00	5.3	0.44	025	
7:00		0.8	1.00	5.3	0.47	038	
7:00		0.8	1.00	5.3	0.06	116	
7:00		0.8	1.00	5.3	0.24	030	
7:00		0.9	1.00	5.3	0.47	030	
7:00		0.8	1.00	5.3	0.59		334
7:00		0.8	1.00	5.3	0.47	011	
7:00		0.9	1.00	5.3	0.37	057	
7:00		0.9	1.00	5.3	1.05	071	
7:00		0.9	1.00	5.3	0.38	051	
7:00		1.2	1.00	5.3	0.23	000	
7:00		1.4	1.00	5.3	0.70	069	
7:00		1.9	1.00	5.3	0.56	080	
7:00		2.3	1.00	5.4	0.50	081	
7:00		2.8	2.44	5.4	0.40	052	
7:00		3.3	2.77	5.4	0.86	073	
7:00		3.7	3.03	5.4	0.52	061	
7:00	*	4.2	3.81	5.5	0.71	075	
7:01		4.7	5.04	5.6	0.81	071	
7:01		5.2	5.67	5.6	1.00	074	
7:01		5.6	6.05	5.6	0.90	053	
7:01		6.2	6.73	5.7	0.76	074	
7:01		6.7	7.15	5.7	0.73	054	
7:01		7.3	7.46	5.7	0.63	092	
7:01	*	7.8	7.68	5.7	0.64	057	
7:01		8.4	8.04	5.8	0.51	067	
7:01		9.0	8.34	5.8	0.41	063	
7:01		9.6	8.58	5.8	0.37	064	
7:01		10.3	8.80	5.8	0.33	059	
7:01		10.8	8.87	5.8	0.34	058	
7:01		11.4	8.94	5.8	0.34	067	
7:01		12.0	8.95	5.8	0.32	067	
7:01		12.5	8.94	5.8	0.28	080	
7:01		13.1	8.98	5.8	0.29	087	
7:01		13.2	8.98	5.8	0.34	087	
7:01		13.3	9.00	5.8	0.34	092	
7:01		13.3	9.00	5.8	0.32	099	
7:01		13.3	8.97	5.8	0.35	128	
7:01		13.3	8.96	5.8	0.35	102	
7:02		13.3	8.96	5.8	0.43	103	
7:02	*	13.3	8.96	5.8	0.38	090	
7:02		13.3	8.96	5.8	0.38	091	

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
7:30	0.9	1.00	5.3	0.31	037	
7:30	0.9	1.00	5.3	0.28		304
7:30	0.9	1.00	5.3	0.20		329
7:30	0.9	1.00	5.3	0.40	061	
7:30	0.9	1.00	5.3	0.45	072	
7:30	1.0	1.00	5.3	0.47	065	
7:30	1.0	1.00	5.3	0.41	073	
7:30	1.0	1.00	5.3	0.47	068	
7:30	1.0	1.00	5.3	0.46	075	
7:30	0.9	1.00	5.3	0.48	072	
7:30	0.9	1.00	5.3	0.51	069	
7:30	1.0	1.00	5.3	0.49	070	
7:30	0.9	1.00	5.3	0.44	068	
7:31	1.0	1.00	5.3	0.47	070	
7:31	1.2	1.00	5.3	0.40	077	
7:31	1.8	1.00	5.3	0.37	066	
7:31	2.3	1.00	5.4	0.50	082	
7:31	2.9	2.77	5.4	0.31		300
7:31	3.4	3.18	5.4	0.24	112	
7:31	4.0	3.52	5.4	0.20	032	
7:31	4.6	4.35	5.5	0.21	117	
7:31	5.1	6.13	5.6	0.61	078	
7:31	5.8	6.79	5.7	0.58	060	
7:31	6.4	7.73	5.7	0.50	062	
7:31	6.9	8.70	5.8	0.41	069	
7:31	7.6	8.85	5.8	0.45	081	
7:31	8.2	8.87	5.8	0.38	070	
7:31	8.8	9.01	5.8	0.41	076	
7:31	9.4	9.17	5.9	0.44	077	
7:31	10.1	9.18	5.9	0.41	081	
7:31	10.7	9.19	5.9	0.39	065	
7:31	11.3	9.19	5.9	0.37	065	
7:31	11.9	9.21	5.9	0.39	064	
7:32	12.6	9.33	5.9	0.37	070	
7:32	13.2	9.37	5.9	0.33	090	
7:32	13.4	9.39	5.9	0.38	080	
7:32	13.4	9.40	5.9	0.30	094	
7:32	13.4	9.40	5.9	0.29	088	
7:32	13.4	9.41	5.9	0.35	088	
7:32	13.4	9.39	5.9	0.31	085	
7:32	13.4	9.38	5.9	0.23	089	
7:32	13.4	9.36	5.9	0.32	085	
7:32	13.4	9.34	5.9	0.36	073	
7:32	13.5	9.36	5.9	0.24	097	
7:32	13.5	9.34	5.9	0.26	091	
7:32	13.5	9.35	5.9	0.24	091	

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
8:00	0.9	1.00	5.4	0.52	081	
8:01	0.9	1.00	5.4	0.51	083	
8:01	0.9	1.00	5.4	0.51	081	
8:01	0.9	1.00	5.4	0.50	083	
8:01	0.9	1.00	5.4	0.47	084	
8:01	0.9	1.00	5.4	0.52	084	
8:01	0.9	1.00	5.4	0.50	086	
8:01	0.9	1.00	5.4	0.49	082	
8:01	0.9	1.00	5.4	0.51	086	
8:01	0.9	1.00	5.4	0.52	083	
8:01	0.9	1.00	5.4	0.50	082	
8:01	0.9	1.00	5.4	0.48	082	
8:01	1.0	1.00	5.4	0.44	085	
8:01	1.4	1.00	5.4	0.45	086	
8:01	1.6	1.00	5.4	0.31	084	
8:01	1.8	1.00	5.4	0.45	084	
8:01	2.0	2.94	5.4	0.52	083	
8:01	2.2	3.77	5.5	0.54	084	
8:01	2.4	5.64	5.6	0.50	086	
8:01	2.7	6.11	5.6	0.44	085	
8:01	2.9	6.25	5.7	0.42	083	
8:02	3.1	6.32	5.7	0.41	081	
8:02	3.4	6.54	5.7	0.16	083	
8:02	3.6	7.17	5.7	0.19	060	
8:02	3.9	8.34	5.8	0.19	053	
8:02	4.1	8.42	5.8	0.17	054	
8:02	4.3	8.40	5.8	0.13	047	
8:02	4.6	8.41	5.8	0.17	078	
8:02	4.8	8.48	5.8	0.05		219
8:02	5.1	8.53	5.8	0.16	089	
8:02	5.3	8.53	5.8	0.27	097	
8:02	5.6	8.53	5.8	0.35	099	
8:02	5.9	8.55	5.8	0.36	099	
8:02	6.1	8.62	5.8	0.35	098	
8:02	6.4	8.69	5.8	0.34	092	
8:02	6.6	8.76	5.8	0.31	089	
8:02	6.9	8.90	5.8	0.31	092	
8:02	7.1	9.06	5.8	0.31	086	
8:02	7.4	9.13	5.9	0.28	083	
8:02	7.7	9.19	5.9	0.27	079	
8:02	8.0	9.26	5.9	0.25	071	
8:02	8.2	9.38	5.9	0.26	064	
8:03	8.5	9.54	5.9	0.26	059	
8:03	8.8	9.62	5.9	0.25	056	
8:03	9.0	9.62	5.9	0.24	056	
8:03	9.3	9.65	5.9	0.21	054	

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
8:03	9.6	9.71	5.9	0.20	062	
8:03	9.9	9.70	5.9	0.21	067	
8:03	10.2	9.71	5.9	0.23	062	
8:03	10.5	9.77	5.9	0.25	068	
8:03	10.8	9.80	5.9	0.24	071	
8:03	11.1	9.81	5.9	0.25	075	
8:03	11.4	9.84	5.9	0.25	078	
8:03	11.7	9.84	5.9	0.24	078	
8:03	12.1	9.87	5.9	0.26	081	
8:03	12.4	9.89	5.9	0.26	085	
8:03	12.7	9.91	5.9	0.25	086	
8:03	13.0	9.92	5.9	0.22	088	
8:03	13.2	9.93	5.9	0.18	070	
8:03	13.2	9.93	5.9	0.23	043	

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
8:32	1.0	2.19	5.4	0.17		327
8:32	1.1	2.16	5.4	0.16		342
8:32	1.0	2.15	5.4	0.17		328
8:32	0.9	1.00	5.4	0.13		271
8:32	0.8	1.00	5.4	0.10	098	
8:32	1.0	1.00	5.4	0.22		319
8:32	1.2	1.00	5.4	0.50		232
8:32	1.2	2.17	5.4	0.12	104	
8:32	0.9	2.16	5.4	0.18	059	
8:32	0.7	2.17	5.4	0.02		263
8:32	1.0	2.20	5.4	0.35		245
8:32	1.2	1.00	5.4	0.32		350
8:32	0.9	2.18	5.4	0.11	129	
8:32	0.7	2.17	5.4	0.20	012	
8:32	1.7	2.17	5.4	0.14	355	
8:32	2.3	2.16	5.4	0.22		204
8:32	2.1	2.16	5.4	0.37		232
8:32	2.7	2.19	5.4	0.14	062	
8:32	3.4	2.22	5.4	0.09		224
8:33	3.5	2.49	5.4	0.17		344
8:33	3.9	5.24	5.5	0.16	081	
8:33	4.4	6.18	5.7	0.17	076	
8:33	4.7	6.88	5.7	0.19	092	
8:33	5.2	7.21	5.7	0.17	093	
8:33	5.6	7.73	5.8	0.10	095	
8:33	5.9	8.10	5.8	0.09	090	
8:33	6.4	8.36	5.8	0.16	087	
8:33	6.9	8.61	5.8	0.10	100	
8:33	7.1	8.81	5.8	0.12	093	
8:33	7.6	9.17	5.9	0.11	105	
8:33	8.1	9.32	5.9	0.12	099	
8:33	8.3	9.52	5.9	0.13	093	
8:33	8.8	9.48	5.9	0.15	089	
8:33	9.2	9.55	5.9	0.15	084	
8:33	9.6	9.63	5.9	0.17	080	
8:33	10.1	9.66	5.9	0.15	096	
8:33	10.4	9.69	5.9	0.18	095	
8:33	10.8	9.76	5.9	0.21	094	
8:33	11.2	9.79	5.9	0.19	103	
8:34	11.6	9.87	5.9	0.20	100	
8:34	12.0	9.98	5.9	0.19	103	
8:34	12.4	10.10	5.9	0.17	117	
8:34	12.7	10.17	5.9	0.17	122	
8:34	13.2	10.20	5.9	0.14	117	
8:34	13.6	10.20	5.9	0.10	127	
8:34	14.0	10.21	5.9	0.11	130	

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
8:34	14.3	10.22	5.9	0.13	095	
8:34	14.1	10.23	5.9	0.07	165	
8:34	13.7	10.23	5.9	0.16		181
8:34	13.7	10.23	5.9	0.15	136	
8:34	13.7	10.23	5.9	0.16	120	
8:34	13.8	10.20	5.9	0.18	129	
8:34	13.7	10.22	5.9	0.11	109	
8:34	13.7	10.20	5.9	0.13	106	

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
9:01	*	0.9	1.00	5.4	0.21		299
9:01		0.9	1.00	5.4	0.27		291
9:01		1.0	1.00	5.4	0.23		277
9:01		1.0	1.00	5.4	0.28		273
9:01		0.9	1.00	5.4	0.32		262
9:01		0.9	1.00	5.4	0.17		262
9:01		0.9	1.00	5.4	0.22		277
9:01		0.9	1.00	5.4	0.21		274
9:01		0.9	1.00	5.4	0.25		274
9:01		0.9	2.36	5.5	0.19		255
9:01		0.9	2.55	5.5	0.18		259
9:01		0.9	2.69	5.5	0.22		269
9:01		1.1	2.96	5.5	0.14		277
9:01		1.3	2.87	5.5	0.17		281
9:01		1.5	2.95	5.5	0.16		279
9:02		1.8	2.65	5.4	0.11		271
9:02		2.0	2.60	5.4	0.17		301
9:02		2.3	2.84	5.4	0.11		273
9:02		2.5	2.89	5.4	0.10		306
9:02		2.8	2.95	5.4	0.12		348
9:02		3.1	3.10	5.5	0.12	006	
9:02		3.3	3.14	5.4	0.12	009	
9:02		3.6	3.33	5.5	0.13	014	
9:02	*	4.0	3.57	5.5	0.14	014	
9:02		4.2	3.58	5.5	0.15	014	
9:02		4.5	3.72	5.5	0.19	006	
9:02		4.8	4.06	5.5	0.16	017	
9:02		5.1	4.35	5.5	0.10	038	
9:02		5.4	4.95	5.6	0.12	027	
9:02		5.7	5.48	5.6	0.10	031	
9:02		6.0	5.70	5.6	0.09	040	
9:02		6.2	5.94	5.6	0.09	063	
9:02		6.6	6.48	5.7	0.10	073	
9:02		6.9	6.70	5.7	0.11	070	
9:02		7.1	7.22	5.7	0.10	085	
9:02		7.4	7.72	5.8	0.10	061	
9:03		7.7	8.03	5.8	0.13	048	
9:03	*	8.0	8.25	5.8	0.14	045	
9:03		8.3	8.77	5.8	0.11	017	
9:03		8.6	9.04	5.9	0.09	007	
9:03		8.9	9.14	5.9	0.09		348
9:03		9.2	9.30	5.9	0.09		338
9:03		9.5	9.44	5.9	0.11		327
9:03		9.8	9.81	5.9	0.11		329
9:03		10.1	10.20	5.9	0.09		335
9:03		10.4	10.32	6.0	0.08		340

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
9:03	10.7	10.44	6.0	0.07	356	
9:03	10.9	10.51	6.0	0.05	008	
9:03	11.3	10.54	6.0	0.04	024	
9:03	11.6	10.55	6.0	0.03	031	
9:03	11.8	10.57	6.0	0.02	036	
9:03	12.2	10.60	6.0	0.02	057	
9:03	12.5	10.61	6.0	0.03	089	
9:03	* 12.7	10.62	6.0	0.03	041	
9:03	12.6	10.62	6.0	0.05		271

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
9:30	0.9	1.00	5.4	0.18		268
9:31	0.9	1.00	5.4	0.24		279
9:31	0.9	1.00	5.4	0.25		279
9:31	0.9	1.00	5.4	0.25		261
9:31	0.9	1.00	5.4	0.24		256
9:31	0.9	1.00	5.4	0.17		257
9:31	0.9	1.00	5.4	0.32		285
9:31	0.9	1.00	5.4	0.20		268
9:31	0.9	1.00	5.5	0.26		269
9:31	0.9	1.00	5.4	0.27		292
9:31	0.9	1.00	5.4	0.36		272
9:31	0.9	1.00	5.4	0.14		291
9:31	1.2	1.00	5.4	0.21		307
9:31	1.4	1.00	5.4	0.13		245
9:31	1.7	1.00	5.4	0.20		230
9:31	2.0	1.00	5.4	0.28		284
9:31	2.3	1.00	5.4	0.33		262
9:31	2.7	1.00	5.4	0.31		215
9:31	3.0	1.00	5.4	0.35		243
9:31	3.3	1.00	5.4	0.30		249
9:31	3.7	3.27	5.5	0.29		254
9:31	4.0	3.73	5.5	0.29		234
9:32	4.3	4.46	5.5	0.45		279
9:32	4.6	4.05	5.5	0.28		259
9:32	4.9	4.04	5.5	0.35		272
9:32	5.2	5.35	5.6	0.25		249
9:32	5.5	5.67	5.6	0.32		269
9:32	5.9	5.78	5.6	0.31		270
9:32	6.2	5.81	5.6	0.31		279
9:32	6.5	5.87	5.6	0.31		278
9:32	6.8	5.99	5.6	0.31		281
9:32	7.2	6.20	5.7	0.29		283
9:32	7.5	6.59	5.7	0.26		279
9:32	7.8	7.22	5.7	0.23		266
9:32	8.1	7.99	5.8	0.24		253
9:32	8.4	8.71	5.8	0.25		249
9:32	8.8	9.11	5.9	0.27		253
9:32	9.1	9.55	5.9	0.23		261
9:32	9.4	9.77	5.9	0.24		261
9:32	9.7	9.87	5.9	0.21		259
9:32	10.1	9.96	5.9	0.21		266
9:32	10.4	10.05	5.9	0.19		271
9:32	10.6	10.09	5.9	0.19		275
9:33	10.7	10.10	5.9	0.23		265

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
10:00	0.6	1.00	5.5	0.64		251
10:00	0.7	1.00	5.5	0.36		222
10:00	0.7	1.00	5.5	0.23		283
10:00	0.7	1.00	5.5	0.19		213
10:00	0.7	1.00	5.5	0.47		227
10:00	0.7	1.00	5.5	0.22		213
10:00	0.6	1.00	5.5	0.69		255
10:00	0.7	1.00	5.5	0.68		253
10:00	0.7	1.00	5.5	0.73		244
10:00	0.7	1.00	5.6	0.69		252
10:00	0.7	1.00	5.5	0.73		256
10:00	0.7	1.00	5.5	0.72		249
10:00	0.6	1.00	5.5	0.78		252
10:00	0.6	1.00	5.5	0.69		253
10:00	0.8	1.00	5.5	0.71		255
10:00	0.9	1.00	5.5	0.61		257
10:00	1.1	1.00	5.5	0.44		251
10:00	1.2	1.00	5.5	0.20		240
10:01	1.3	1.00	5.5	0.61		246
10:01	1.5	1.00	5.5	0.32		252
10:01	1.6	1.00	5.5	0.23		187
10:01	1.8	1.00	5.4	0.62		199
10:01	1.9	2.16	5.4	0.72		261
10:01	2.1	2.17	5.4	0.31		267
10:01	2.3	2.23	5.4	0.34	358	
10:01	2.5	2.24	5.4	0.17		274
10:01	2.7	2.27	5.4	0.25		178
10:01	2.8	2.30	5.4	0.24		309
10:01	3.0	2.36	5.4	0.42	148	
10:01	3.2	2.38	5.4	0.44	114	
10:01	3.4	2.76	5.4	0.33		250
10:01	3.5	2.97	5.4	0.23		261
10:01	3.7	3.24	5.5	0.22	064	
10:01	3.9	4.43	5.5	0.47		282
10:01	4.1	4.95	5.6	0.23		314
10:01	4.3	5.21	5.6	0.39		280
10:01	4.5	5.57	5.6	0.34		279
10:01	4.7	5.69	5.6	0.42		267
10:01	4.8	5.72	5.6	0.42		275
10:02	5.0	5.78	5.6	0.42		274
10:02	5.1	5.83	5.6	0.49		268
10:02	5.3	5.86	5.6	0.71		274
10:02	5.5	5.85	5.6	0.64		277
10:02	5.7	5.93	5.6	0.52		272
10:02	5.9	5.98	5.6	0.54		273
10:02	6.0	5.99	5.6	0.54		281

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
10:02	6.2	6.03	5.6	0.53		279
10:02	6.4	5.99	5.6	0.63		286
10:02	6.6	5.99	5.6	0.55		283
10:02	6.8	6.09	5.6	0.52		278
10:02	6.9	6.18	5.6	0.46		275
10:02	7.1	6.25	5.7	0.49		273
10:02	7.3	6.35	5.7	0.47		282
10:02	7.5	6.22	5.7	0.39		287
10:02	7.7	6.90	5.7	0.47		285
10:02	7.9	7.27	5.7	0.38		289
10:02	8.1	7.82	5.8	0.37		289
10:02	8.3	8.25	5.8	0.28		297
10:02	8.5	8.54	5.8	0.23		295
10:02	8.6	8.88	5.8	0.21		296
10:03	8.8	9.07	5.8	0.21		297
10:03	8.9	9.08	5.8	0.06		319
10:03	8.9	9.06	5.8	0.11		275
10:03	9.0	8.93	5.8	0.13		285
10:03	8.9	8.88	5.8	0.14		280
10:03	9.0	9.09	5.8	0.09		269
10:03	9.0	8.85	5.8	0.13		280
10:03	8.9	8.77	5.8	0.11		282
10:03	9.0	8.73	5.8	0.16		275
10:03	8.9	8.77	5.8	0.13		290
10:03	8.9	8.78	5.8	0.24		285

PROFILES AT PURFLEET POINT (* = Plotted Value)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

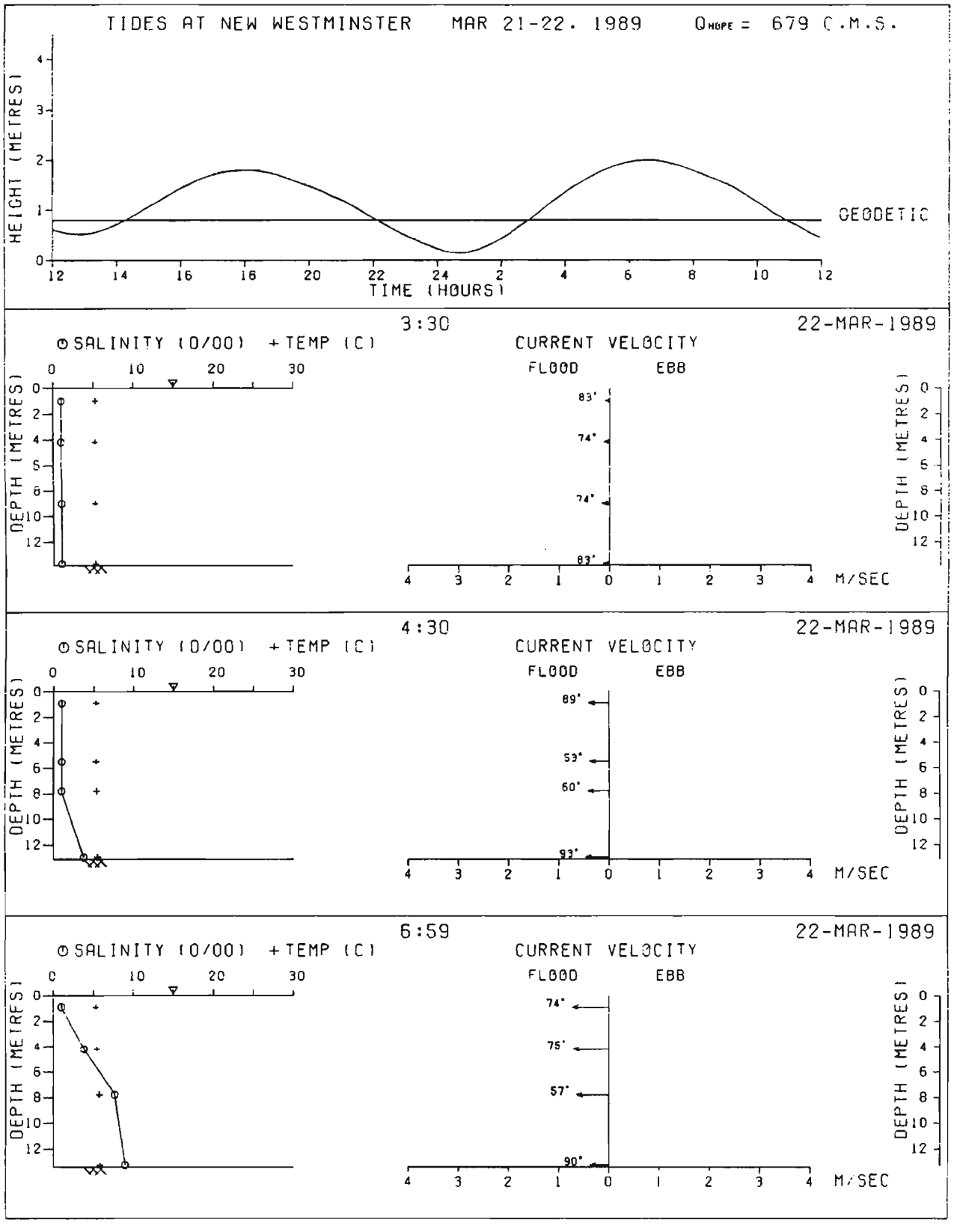
TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
10:32	0.9	1.00	5.6	0.58		201
10:32	0.9	1.00	5.6	0.79		246
10:32	0.9	1.00	5.6	0.92		249
10:32	0.9	1.00	5.6	0.64		227
10:32	0.9	1.00	5.6	0.76		255
10:32	0.9	1.00	5.6	0.89		240
10:32	0.8	1.00	5.5	0.85		242
10:32	0.8	1.00	5.5	0.78		231
10:32	0.8	1.00	5.5	0.83		250
10:32	0.8	1.00	5.5	0.94		242
10:32	0.8	1.00	5.5	0.80		193
10:33	0.8	1.00	5.6	0.77	169	
10:33	0.8	1.00	5.6	0.77		238
10:33	0.8	1.00	5.6	0.71		218
10:33	0.8	1.00	5.6	0.81		225
10:33	0.8	1.00	5.6	0.88		251
10:33	0.8	1.00	5.6	0.92		254
10:33	0.8	1.00	5.6	0.85		208
10:33	0.9	1.00	5.6	0.93		236
10:33	1.1	1.00	5.5	1.01		250
10:33	1.4	1.00	5.5	0.47		253
10:33	1.7	1.00	5.5	0.62		195
10:33	1.9	1.00	5.5	0.51		281
10:33	2.2	1.00	5.5	0.56		221
10:33	2.5	1.00	5.5	0.29		173
10:33	2.8	2.34	5.5	0.44		222
10:33	3.2	2.87	5.5	0.77		279
10:33	3.5	3.95	5.5	0.64		242
10:33	3.9	4.06	5.5	0.87		272
10:33	4.3	4.40	5.5	0.58		268
10:33	4.7	4.82	5.6	0.62		266
10:33	5.0	5.00	5.6	0.68		258
10:34	5.4	5.21	5.6	0.65		263
10:34	5.8	5.19	5.6	0.71		269
10:34	6.1	5.34	5.6	0.65		266
10:34	6.5	5.38	5.6	0.59		264
10:34	6.8	5.43	5.6	0.59		262
10:34	7.2	5.55	5.6	0.56		262
10:34	7.5	5.81	5.6	0.51		267
10:34	7.9	5.92	5.6	0.41		281
10:34	8.1	6.01	5.6	0.31		294
10:34	8.0	5.99	5.6	0.33		257
10:34	7.8	5.80	5.6	0.42		251
10:34	7.8	5.95	5.6	0.49		278
10:34	7.8	5.99	5.6	0.53		273
10:34	7.8	6.03	5.6	0.43		270

PROFILES AT PURFLEET POINT (* = Plotted Value)

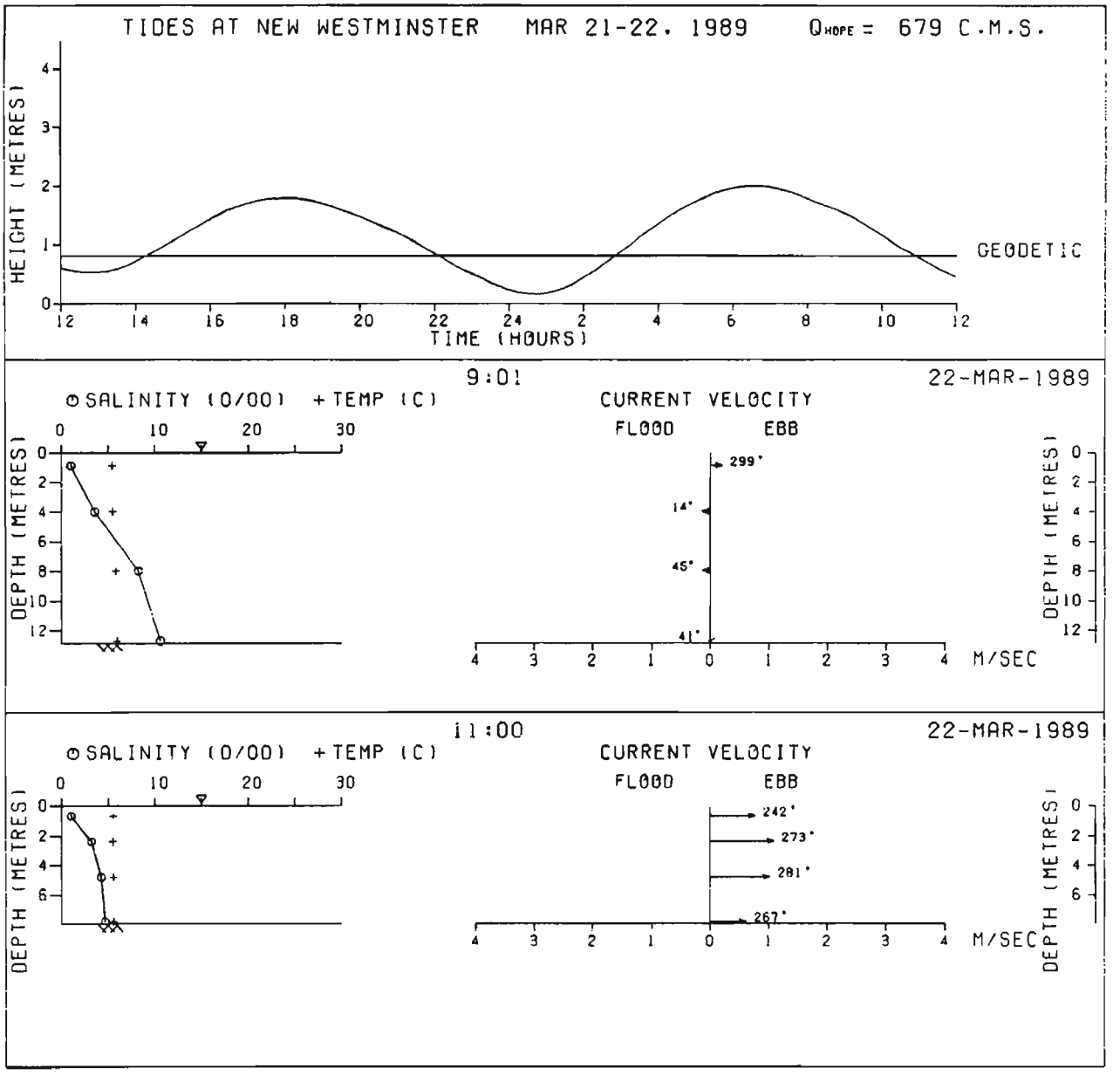
22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)		DEPTH (M)	SALINITY (0/00)	TEMPERATURE (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
11:00	*	0.7	1.00	5.5	0.77		242
11:00		0.7	1.00	5.5	0.68		252
11:00		0.7	1.00	5.5	0.96		263
11:00		0.7	1.00	5.5	0.83		242
11:00		0.7	1.00	5.5	0.60		232
11:00		0.7	1.00	5.5	0.54		233
11:00		0.7	1.00	5.5	0.75		245
11:00		0.7	1.00	5.5	0.50		231
11:00		0.7	1.00	5.5	0.45		246
11:00		1.0	1.00	5.5	0.37		257
11:00		1.3	2.17	5.5	0.99		228
11:00		1.6	2.79	5.5	0.41		253
11:00		2.0	2.95	5.5	1.01		280
11:00	*	2.4	3.19	5.5	1.09		273
11:00		2.8	3.32	5.5	0.83		282
11:00		3.1	3.86	5.5	0.77		265
11:00		3.6	4.04	5.5	0.97		253
11:00		4.0	3.88	5.5	0.92		239
11:00		4.4	4.00	5.5	0.84		264
11:01	*	4.8	4.23	5.5	1.02		281
11:01		5.2	4.34	5.5	0.88		247
11:01		5.7	4.54	5.6	0.85		277
11:01		6.1	4.63	5.6	0.78		279
11:01		6.5	4.62	5.6	0.71		250
11:01		6.9	4.73	5.6	0.67		287
11:01		7.4	4.70	5.6	0.67		262
11:01		7.8	4.74	5.6	0.68		273
11:01		8.1	4.75	5.6	0.42		267
11:01		8.0	4.71	5.6	0.51		265
11:01		7.8	4.70	5.6	0.62		272
11:01		7.8	4.74	5.6	0.61		278
11:01		7.9	4.70	5.6	0.55		262
11:01		7.9	4.73	5.6	0.61		267
11:01		7.9	4.72	5.6	0.58		266
11:01		7.9	4.74	5.6	0.52		270
11:01		7.9	4.62	5.6	0.65		275
11:01	*	7.8	4.65	5.6	0.62		267

PROFILES AT PURFLEET POINT



PROFILES AT PURFLEET POINT



TIME SERIES AT PURFLEET POINT (Not Plotted)

22-MAR-1989 RIVER DISCHARGE AT HOPE = 679 CU.M/SEC

TIME (PST)	DEPTH (M)	SALINITY (0/00)	TEMP (C)	SPEED (M/S)	DIR (TRUE) FLOOD	EBB
04:41	13.2	4.24	5.5	0.37	081	
04:42	13.2	4.29	5.5	0.40	081	
04:43	13.2	4.35	5.5	0.40	085	