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CTD Observations in the Great South Channel During the South Channel Ocean Productivity EXperiment, SCOPEX, May-June 1989

by

Richard Limeburner and Robert C. Beardsley

November 1989

Technical Report

Funding was provided by the National Science Foundation
through Grant Number OCE-87-13988

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Robert C Beardsley

Robert C. Beardsley, Chairman
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CTD OBSERVATIONS IN THE GREAT SOUTH CHANNEL
DURING THE SOUTH CHANNEL OCEAN PRODUCTIVITY EXPERIMENT,
SCOPEX,
MAY - JUNE 1989

Abstract

CTD and acoustic Doppler current profiler (ADCP) observations were made in the Great South Channel (GSC) off the New England coast during R/V *Endeavor* cruise EN196 May 18 to June 12, 1989 as part of the South Channel Ocean Productivity Experiment (SCOPEX). These observations were obtained using several sampling plans — a series of small-scale surveys in support of biological sampling and a large-scale survey of five cross-channel transects extending from Nantucket Shoals and the coast of Cape Cod to Georges Bank. The maximum sampling depth at each station was within a few meters of the bottom.

The primary objectives of the hydrographic measurement program were to a) observe and characterize the temperature, salinity, density, oxygen, fluorescence and light transmission fields and their spatial variability in the Great South Channel off the New England coast, (b) resolve the low salinity surface plume-like structure usually observed east of Cape Cod in late spring, (c) define the front or boundary between the vertically well-mixed water over Nantucket Shoals, the GSC, Georges Bank, and the stratified water in the deeper southwestern Gulf of Maine, and (d) characterize water properties in regions of enhanced biological productivity. This report presents a summary in graphic and tabular form of the hydrographic observations made during cruise EN196 on the R/V *Endeavor*.

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1. Introduction

The South Channel Ocean Productivity EXperiment (SCOPEX) is a multidisciplinary and multi-institutional program to investigate springtime aggregations of right whales near the Great South Channel (GSC) off the New England coast, and the interactions between these whales and their main prey, the copepod *Calanus finmarchicus*. The right whale is an endangered species, with only a few hundred individuals left in the northwestern Atlantic population. Each spring, for at least the last ten years, almost the entire population of right whales has been present for about a month in a small area at the southern end of the Gulf of Maine (GOM) just north of the GSC. The SCOPEX program seeks to understand this phenomenon, as well as the broader issues of ecosystem "hot spots" and the implications of patchiness for trophic transfer. The purpose of the SCOPEX 1989 field program was to study whale/plankton/environment interactions, especially whale behavior in relation to copepod distributions, copepod aggregations and their structure and causes, primary and secondary production, and the role of currents and hydrography in forming and maintaining the aggregations.

Our basic underlying hypothesis is that right whales congregate in this limited area each spring because of unusually dense concentrations of their copepod food. Three sub-hypotheses concerning the causes of the copepod aggregations have been developed. The advection hypothesis states that the interaction between the water flow (especially the regional circulation and vertical stratification) and the behavior of the copepods (especially their vertical migration and depth preferences) passively concentrates the copepods. The productivity hypothesis states that the high copepod abundance is caused by a regional elevation of primary production and a response up the food chain. The innate behavior hypothesis is that a species-specific social behavior, such as swarming, creates the copepod aggregations. These hypotheses are not mutually exclusive, and it seems likely that elements of each may contribute to the observed phenomenon in the GSC. One particular mechanism suggested by the 1989 field observations is that the subduction of surface water carrying copepods beneath another water mass also containing copepods combined with a tendency for the copepods to migrate vertically back toward the surface can lead to high copepod concentrations near the surface front.

In order to examine these hypotheses, a coordinated field program involving two research vessels and an aircraft was conducted in the Great South Channel region during May and June, 1989. The aircraft and the R/V *Marlin* were used primarily to locate right whales in the GSC area and study their behavior while the R/V *Endeavor* was used to obtain environmental measurements both near the whales and on larger scales

within the GSC. These measurements included hydrographic and current profiling with a CTD and an acoustic Doppler current profiler (ADCP) respectively, acoustic profiling for zooplankton distribution and biomass with a towed 150 and 200 KHz acoustic fin, and biological sampling with MOCNESS (a multiple opening and closing environmental sampling system) and other towed nets.

We present here in graphic and tabular form a preliminary analysis of the CTD observations made in the GSC on board the R/V *Endeavor* during cruise EN196 May 18 to June 12, 1989. This cruise was split into three legs and the hydrographic observations were obtained using a wide variety of sampling plans, ranging from single stations in support of biological sampling to both shallow and deep tow-yos near feeding whales to one quasi-synoptic regional CTD/ADCP survey. A total of 207 CTD stations was made on EN196, and the following station summary is intended to provide a brief description of the sequence of CTD sampling during the cruise. Vertical and horizontal sections of water properties obtained from the regional CTD survey on Leg 3 June 7 to 12 are shown in Section 7. Listings of the CTD observations at standard depths for all stations are given in Section 8.

CTD STATION LISTING SUMMARY

Leg 1 — May 18–30, 1989

Stations 1–23 — May 18–21. Initial mesoscale survey of the south-central and western flank of the GSC with an acoustic fin to determine if a surface freshwater plume was present and to map the initial distribution of zooplankton.

Stations 24–26 — May 21. Short CTD/MOCNESS section east of Cape Cod through the freshest part of the surface freshwater plume.

Stations 27–37 — May 22. Small-scale acoustic survey (rectangular grid with CTD stations at corners) in the southeastern GSC in the general vicinity of concurrent right whale sightings.

Stations 38–46 — May 22–23. 24 hour time series (diel station 1) to study variability in the center of the whale sighting area in the southeastern GSC. CTD stations every 3 hrs at the central site, some additional CTD stations made in connection with MOCNESS tows. CTD station 45 (Tow-yo 1) includes 22 casts made between the surface and 50 m.

Stations 47-57 — May 24. Combined CTD/MOCNESS east/west transect extending through the right whale area toward Georges Bank to examine day/night variations.

Stations 58-76 — May 24-25. Small-scale acoustic survey (rectangular grid with CTD stations at corners) in southeastern GSC.

Stations 77-86 — May 26. Combined CTD/MOCNESS transect across southern GSC through a tidal front onto Nantucket Shoals.

Stations 87-97 — May 26-27. 24 hr time series (diel station 2) to study variability in south-central GSC. CTD stations made every 3 hrs at central site with associated net tows, and some additional CTD stations made with MOCNESS tows. CTD station 93 (Tow-yo 2) includes 12 casts made between the surface and 60 m. CTD station 95 (Tow-yo 3) includes 6 casts made between 70 and near bottom and 3 casts between surface and 60 m.

Stations 98-104 — May 28. Combined CTD/MOCNESS cross-isobath transect on the western flank of GSC through tidal front.

Stations 104-111 — May 28-29. Shortened time series (diel station 3) of three hourly CTD and net tows to study variability in western GSC. Made several additional CTD/MOCNESS stations, including three 3 stations (106, 110, and 111) to examine deep increase in near-bottom fluorescence.

Station 112 — May 29. Single cast made before deep MOCNESS in area of whale sightings in southeastern GSC.

Station 113 — May 29. CTD station 113 (Tow-yo 4) includes 14 casts from surface to about 60 m. CTD fish #1 lost.

Station 114 — May 30. First cast with fish #2 showed noisy 6500 db transducer.

Leg 2 — May 30-June 6, 1989

Station 115 — May 30. Trial cast made to test fish #2 with a new 1600 db transducer and backup transmissometer and fluorometer. Pressure and fluorometer data ok, but transmissometer not working correctly. Replaced this unit with K. Wishner's transmissometer normally mounted on the URI MOCNESS.

Station 116 — June 1. Single CTD station made at the end of 6 hr small-scale acoustic fin survey (multiple triangular grid) in the center of whale aggregation.

Stations 117-118 — June 1. Stations made near 41°41' N, 68°41' W while monitoring nighttime vertical migration with MOCNESS and acoustic fin.

Stations 119-127 — June 2. 24 hr time series (diel station 4) to study variability in the center of whale sighting area in southeastern GSC. CTD stations made about every 3 hr at central site near 41°27' N, 68°50' W.

Stations 128-136 — June 2-3. CTD stations made during 7 hr small-scale acoustic fin survey (multiple triangular grid) near 41°25' N, 68°47' W in center of recent whale sighting area. Also made 11 XBT drops to help quickly document thermal structure during survey. CTD station 136 made at end of acoustic fin transect onto shallow flank of Little Georges within the sea surface temperature front.

Stations 137-138 — June 3. CTD stations made at beginning and end of westward acoustic fin transect between 41°39' N, 68°24' W in 21 m within SST front on Georges Bank and 41°39' N, 68°35' W.

Station 139 — June 3. CTD station 139 (Tow-yo 5) made 16 casts to about 60 m and last cast to about 120 m (water depth 132 m) while following whale surface feeding. Acoustic fin and MOCNESS data also collected during Tow-yo 5.

Station 140 — June 3. CTD station 140 (Tow-yo 6) made 21 casts to about 60 m and last cast to 136 m (water depth 158 m) while following whale feeding both at surface and just below surface. Acoustic fin and MOCNESS data also collected during tow-yo.

Stations 141-147 — June 4-5. CTD and net tows made every 3 hrs (diel station 5) to monitor variation near 42°02' N, 69°41' W on northwestern flank of GSC.

Station 148 — June 6. CTD station 148 made 11 casts to about 50 m to study surface slicks and internal wave packet observed on radar in general vicinity of feeding whale near 41°30' N, 68°57' W. Acoustic fin data showed zooplankton advected vertically by internal waves.

Leg 3 — June 7-12, 1989

Stations 149-207 — June 7-12. 5 transects made with recovered CTD fish #1.

2. Instrumentation and Calibration

A Neil Brown Instrument Systems (NBIS) model MKIII CTD fish was used as the primary profiling instrument during R/V *Endeavor* cruise EN196. The instrument provided continuous sampling of temperature, conductivity, pressure, oxygen, fluorescence and light transmission. Salinity and density were subsequently derived from the measured variables. The instrument package consisted of the MKIII CTD underwater unit mounted one meter below a General Oceanics rosette sampler with 12 five-liter Niskin bottles. A Sea Tech 25 cm pathlength transmissometer and a Sea Tech fluorometer were mounted near the CTD fish. The fast response thermistor on the CTD fish was disabled and the instrument sampled at a rate of 32 hz. Lowering speeds were approximately 36 m/min to match the response times of the temperature and conductivity sensors (Giles and McDougall, 1986).

The CTD underwater unit is part of the R/V *Endeavor's* scientific equipment. Water samples were normally collected at each station on the up cast at a depth where the vertical stratification was minimal. The calibration samples were then processed onboard during the cruise using a Guildline AutoSal salinometer to determine salinity. The individual salinities were converted to *in situ* conductivity and compared to the conductivity output of the instrument.

The primary CTD underwater unit (fish #1) was lost at station 113 on Leg 1 and a second underwater unit (fish #2) was used on the rest of Leg 1 and on Leg 2 at stations 114 to 147. The original CTD underwater unit was recovered with a grapnel bar near the end of Leg 2, found to be undamaged and was used on Leg 3 at stations 149 to 207. For Leg 1, a least-squares fit of the difference between the bottle and instrument conductivity gives

$$C(BOTTLE) - C(CTD) = -0.0000726031 * X - 0.0121143$$

where X is the station number which varied from 1 to 112, and the sum of the squares of the residuals is 0.0121 mmho². This means that the CTD conductivity sensor drift and offset were small during the cruise and that the rms difference between the corrected CTD and bottle conductivity values was ± 0.010 mmho.

For Leg 2, a least-squares fit of the difference between the bottle and instrument conductivity gives

$$C(BOTTLE) - C(CTD) = -0.00016083 * X - 0.008097$$

where X is the station number which varied from 114 to 147, and the sum of the squares of the residuals is 0.00091 mmho². The rms difference between the corrected CTD and bottle conductivity values was ± 0.006 mmho.

For Leg 3, a least-squares fit of the difference between the bottle and instrument conductivity gives

$$C(BOTTLE) - C(CTD) = -0.000264601 * X - 0.0406355$$

where X is the station number which varied from 149 to 207, and the sum of the squares of the residuals is 0.00214 mmho². The rms difference between the corrected CTD and bottle conductivity values was ± 0.007 mmho. The CTD conductivity for the entire cruise has been edited using the linear regression corrections given above.

A new Sea Tech transmissometer was used on Legs 1 and 3 and the data is given here as a percent of full scale. On Leg 2, a backup light transmissometer did not function properly at station 114 and a third transmissometer (which normally was mounted on the URI MOCNESS) was used at stations 115–147. This instrument used on Leg 2 had a full scale output which was reduced by 7% from the instrument used on Legs 1 and 3. The transmissometer data listed here for Leg 2 have not been adjusted for this difference, but simply left in terms of percent full scale. Both fluorometers had been recently calibrated and the fluorescence data obtained on EN196 are given as a percent of full scale.

3. Data Processing

The CTD data were recorded at sea with a PC-based data acquisition system written by Howard Saklad of the University of Alaska, Institute of Marine Science. The program acquires the raw CTD data at 32 hz, displays the data in real time, postcast data averages, and prints lists of data at each station. Normally, only the down profile is processed at sea. During post cruise data processing, the conductivity calibration was

first applied to the raw data. Then an exponential recursive filter (Middleton and Foster, 1980) described by Cox was applied to pressure and conductivity to match the amplitude and phase of the platinum temperature sensor. The Cox filter has the form

$$c'(t) = w_0 c'(t - dt) + (1 - w_0) c(t),$$

where $c'(t)$ is the filtered conductivity at time t , $c'(t - dt)$ is the previous filtered conductivity, and $c(t)$ is the original unfiltered conductivity at time t . The filter weight is given by

$$w_0 = e^{-dt/tlag}$$

where $dt = .032$ sec is the sampling period, and $tlag = .235$ sec is the time lag of the platinum temperature sensor. A uniform pressure series of 1 db interval was then created from the filtered data, after spurious data observations (spikes) had been replaced with interpolated data. Salinity was calculated using Lewis (1980) and a value of 42.914 was used to convert to conductivity ratio (Culkin and Smith, 1980).

4. Data Presentation

The hydrographic data collected on Leg 3 as part of the regional CTD/ADCP survey are shown in the form of vertical sections, T/S correlations and horizontal sections in Section 7. The CTD data collected on all three legs of EN196 are shown in Section 8 as vertical profiles and tabular lists at graduated depths.

5. Acknowledgments

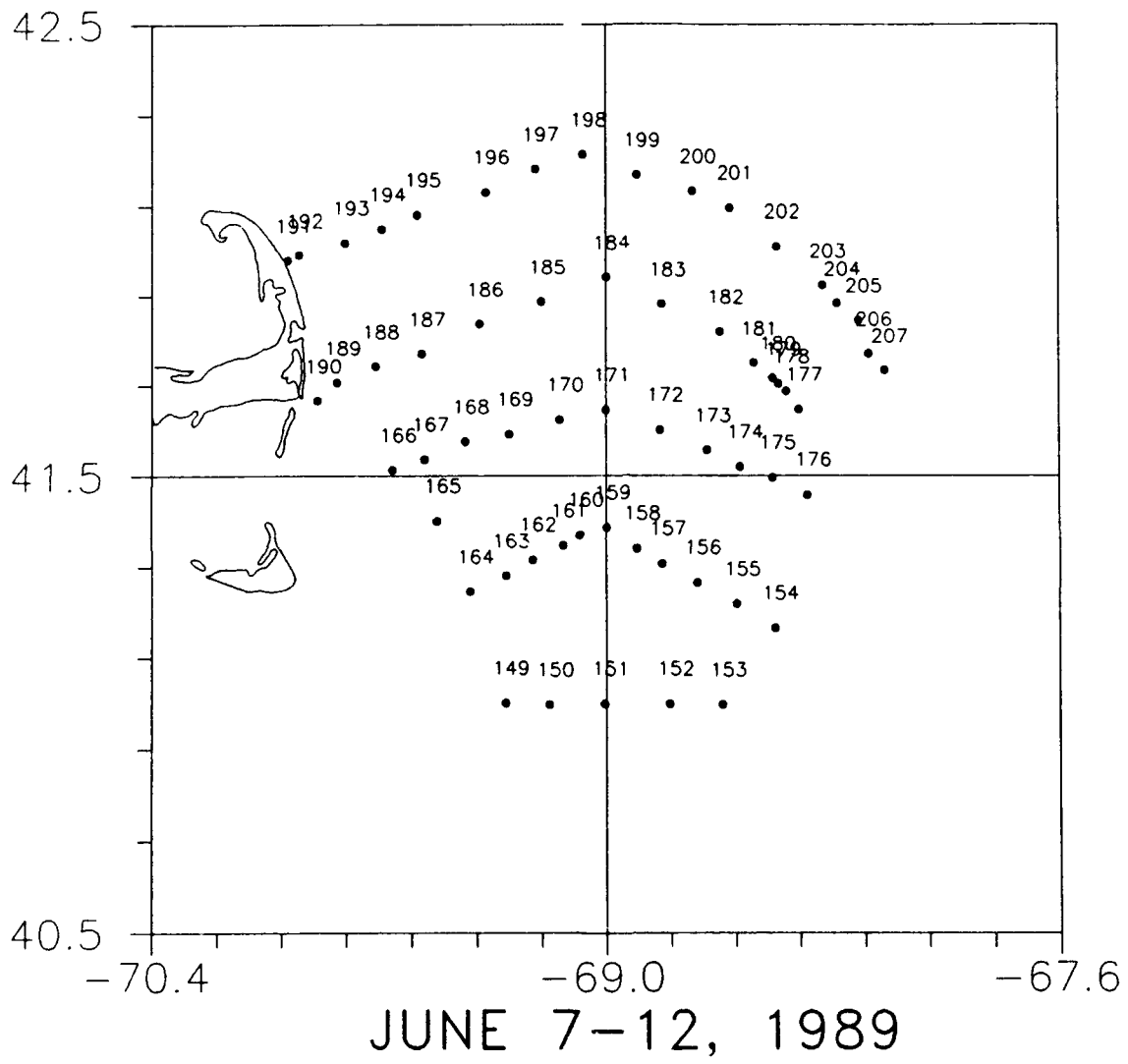
Cruise EN196 on the R/V *Endeavor* was supported by the NSF Grant OCE87-13988. Dr. Karen Wishner was the Chief Scientist on the multidisciplinary cruise. The work was a cooperative effort by R. Beardsley, R. Limeburner, C. Hilliard, K. Wishner, E. Durbin, A. Durbin, J. Schoenherr, J. Szelag and B. Fanning. Their assistance is greatly appreciated. Finally, the helpfulness of the officers and crew of the R/V *Endeavor* contributed significantly to the success of the cruise.

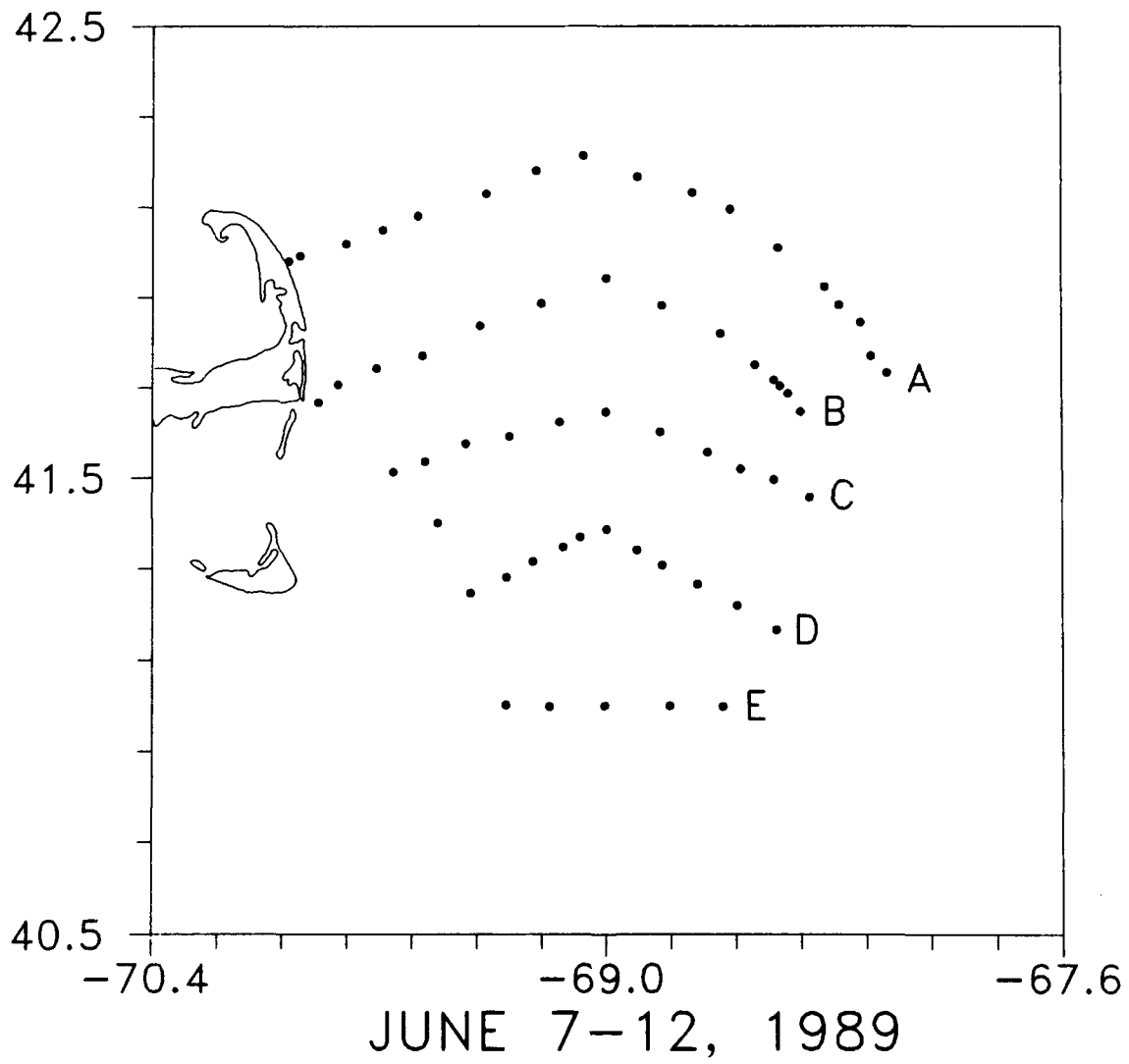
6. References

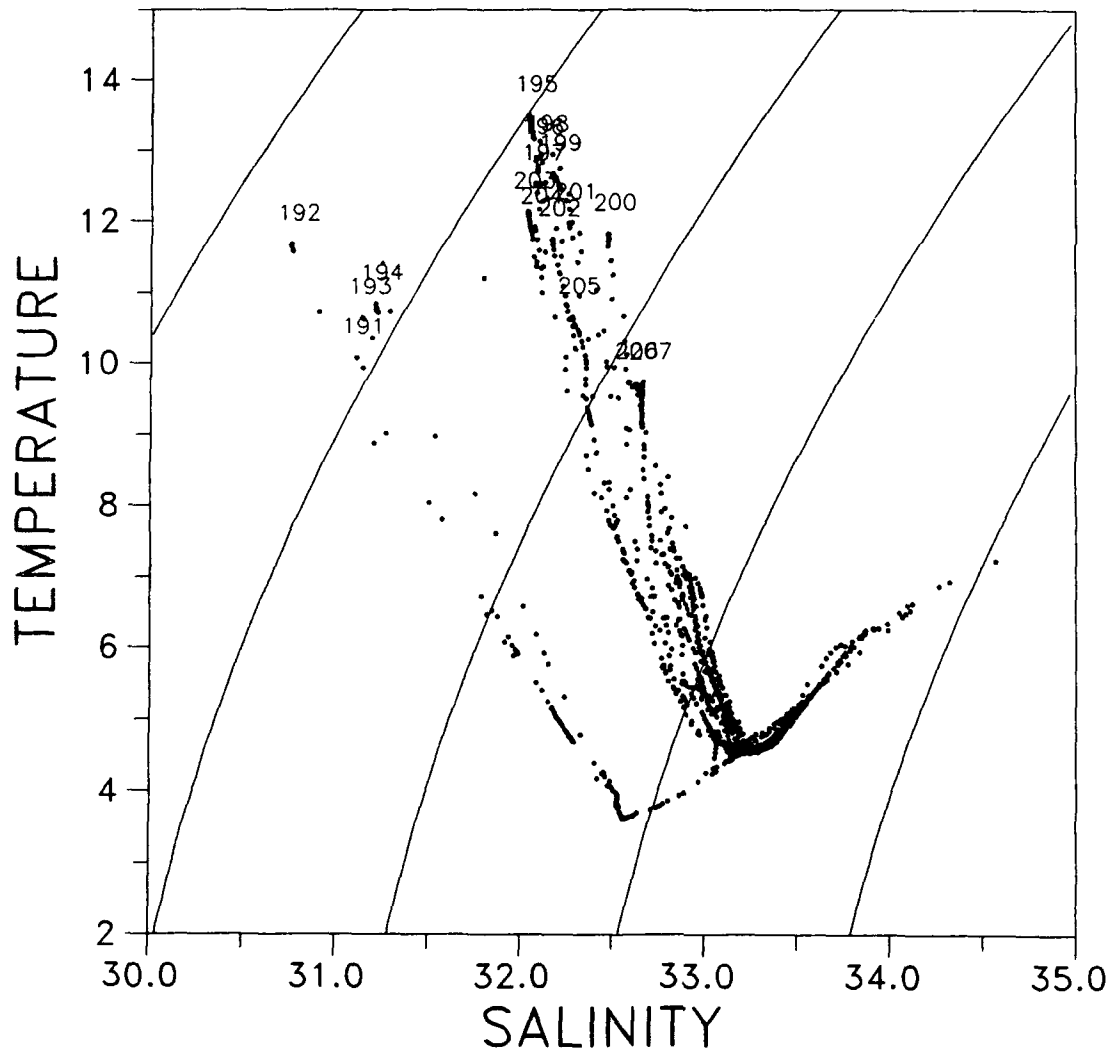
- Culkin, F. and N. D. Smith (1980) Determination of the concentration of potassium chloride having the same electrical conductivity, at 15°C and infinite frequency, as standard seawater of salinity 35.000 ppm (chlorinity 19.37394 ppm). *IEEE Journal of Ocean Engineering*, **OE-5**, 22–23.
- Giles, A. B., and T. J. McDougall (1986) Two methods for the reduction of salinity spiking of CTDs. *Deep-Sea Research*, **33(9)**, 1253–1274.
- Lewis, L. L. (1980) The Practical Salinity Scale 1978 and its antecedents. *IEEE Journal of Ocean Engineering*, **OE-5**, 3–8.
- Middleton, J. H., and T. D. Foster (1980) Fine structure measurements in a temperature compensated halocline. *Journal of Geophysical Research*, **85(C2)**, 1107–1122.

7. Graphic Description of CTD Data

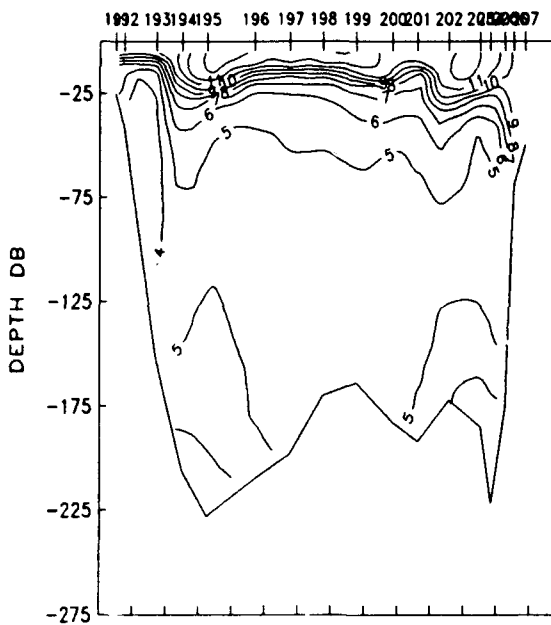
A. Large-Scale Survey — Jun 7-12, 1989 Stations 149 to 207







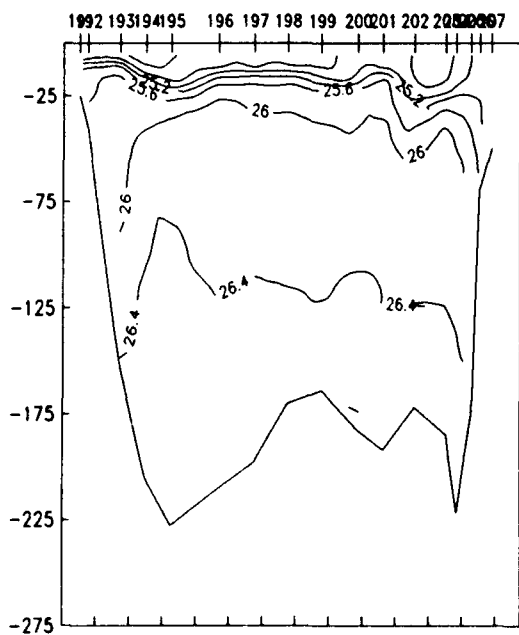
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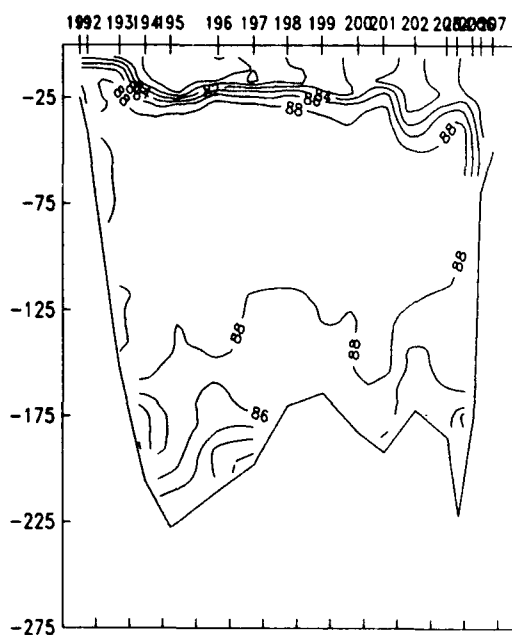
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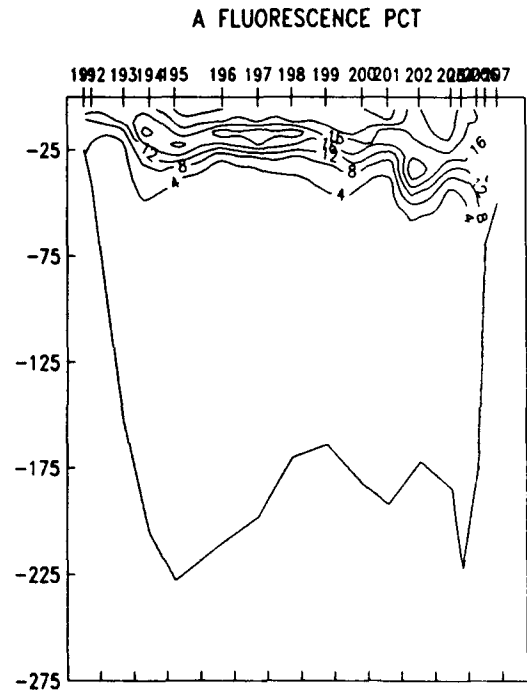
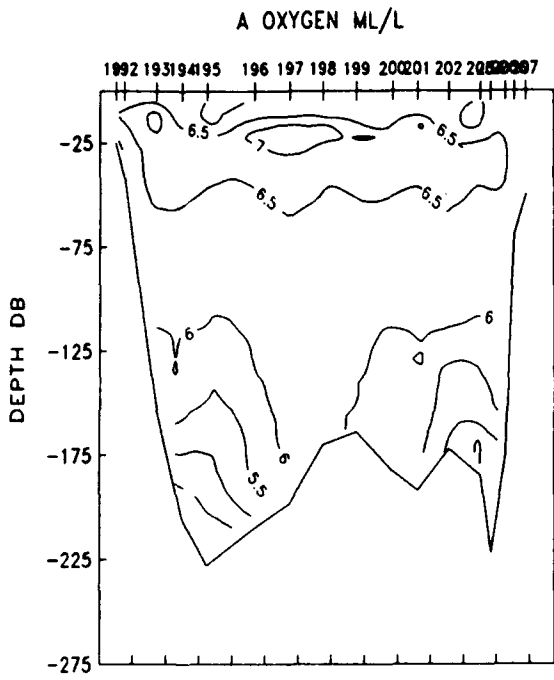


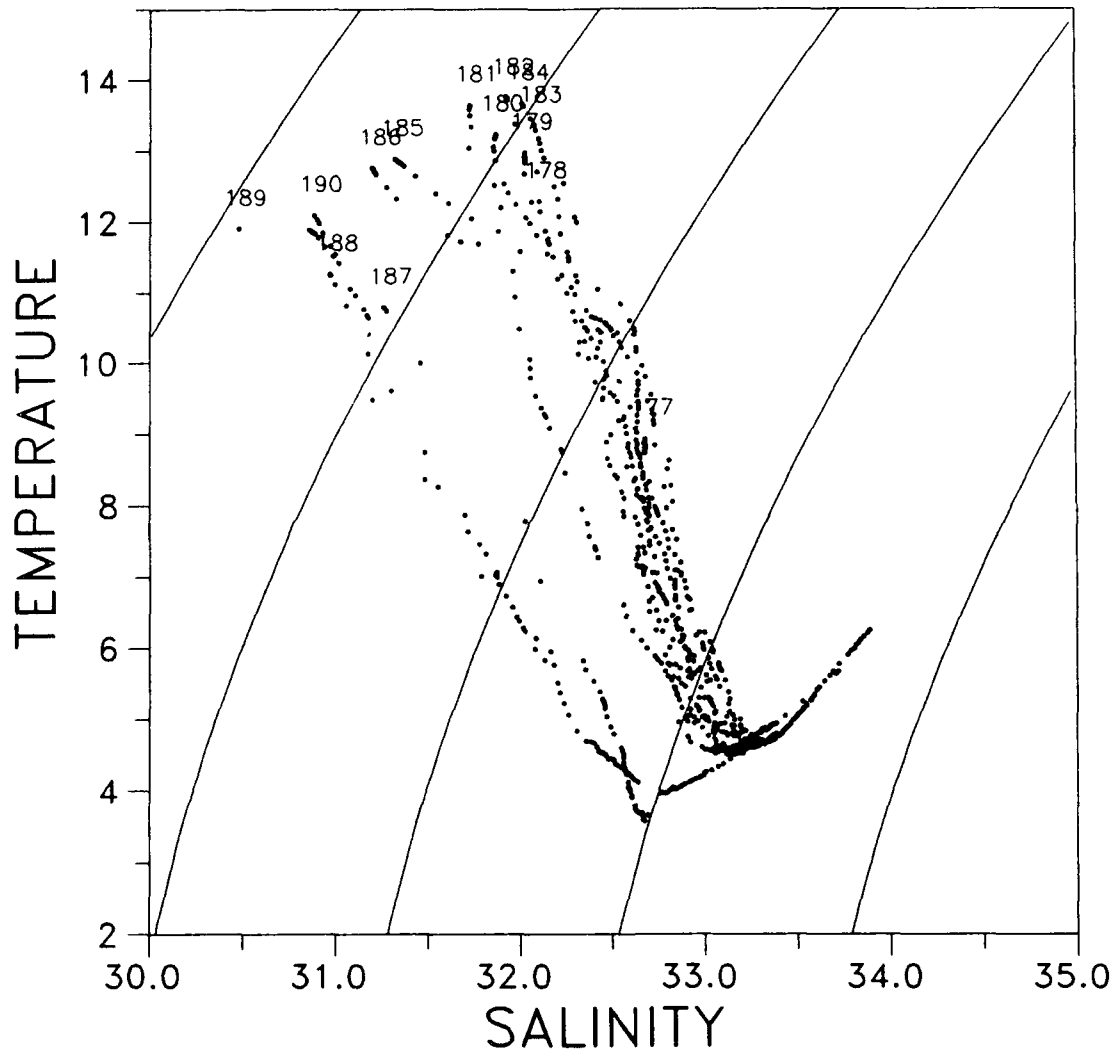
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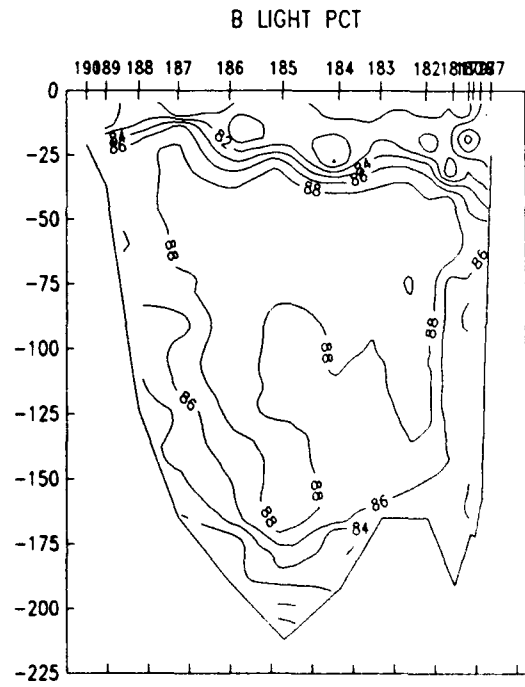
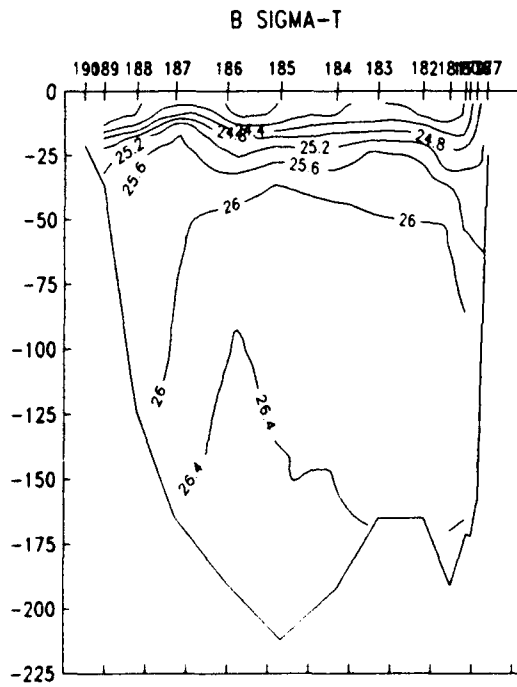
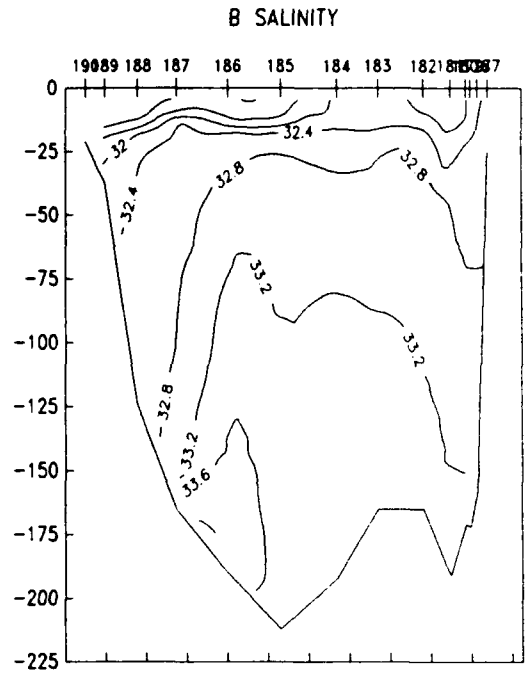
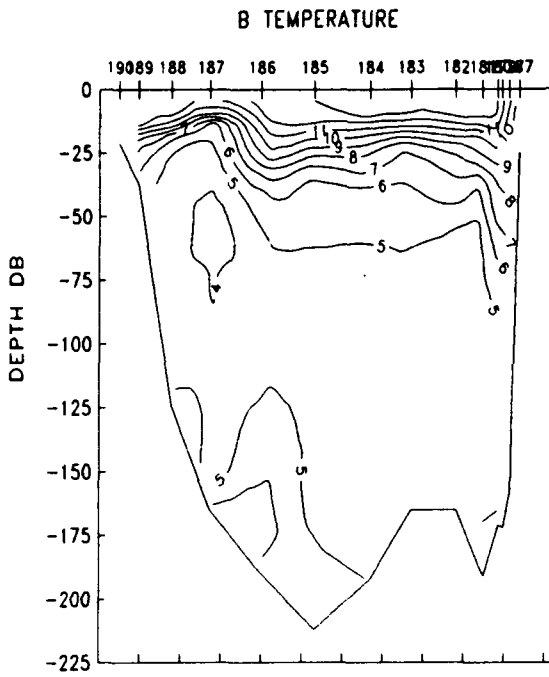


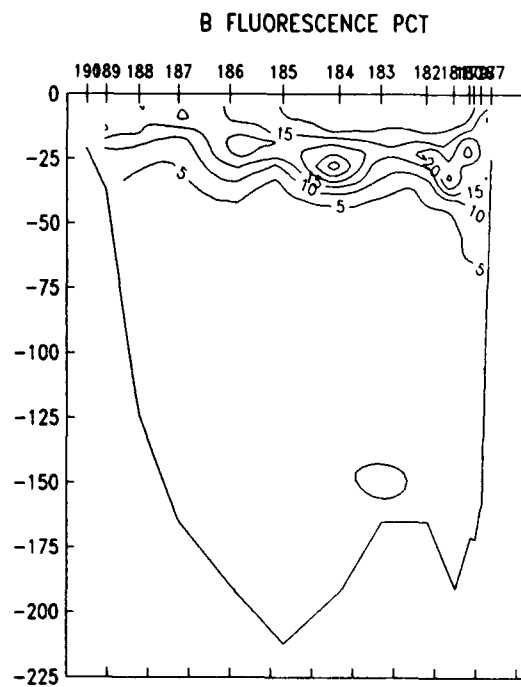
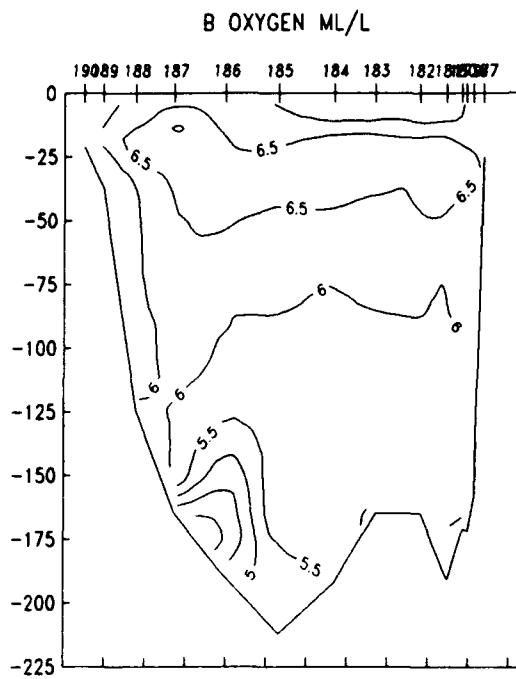
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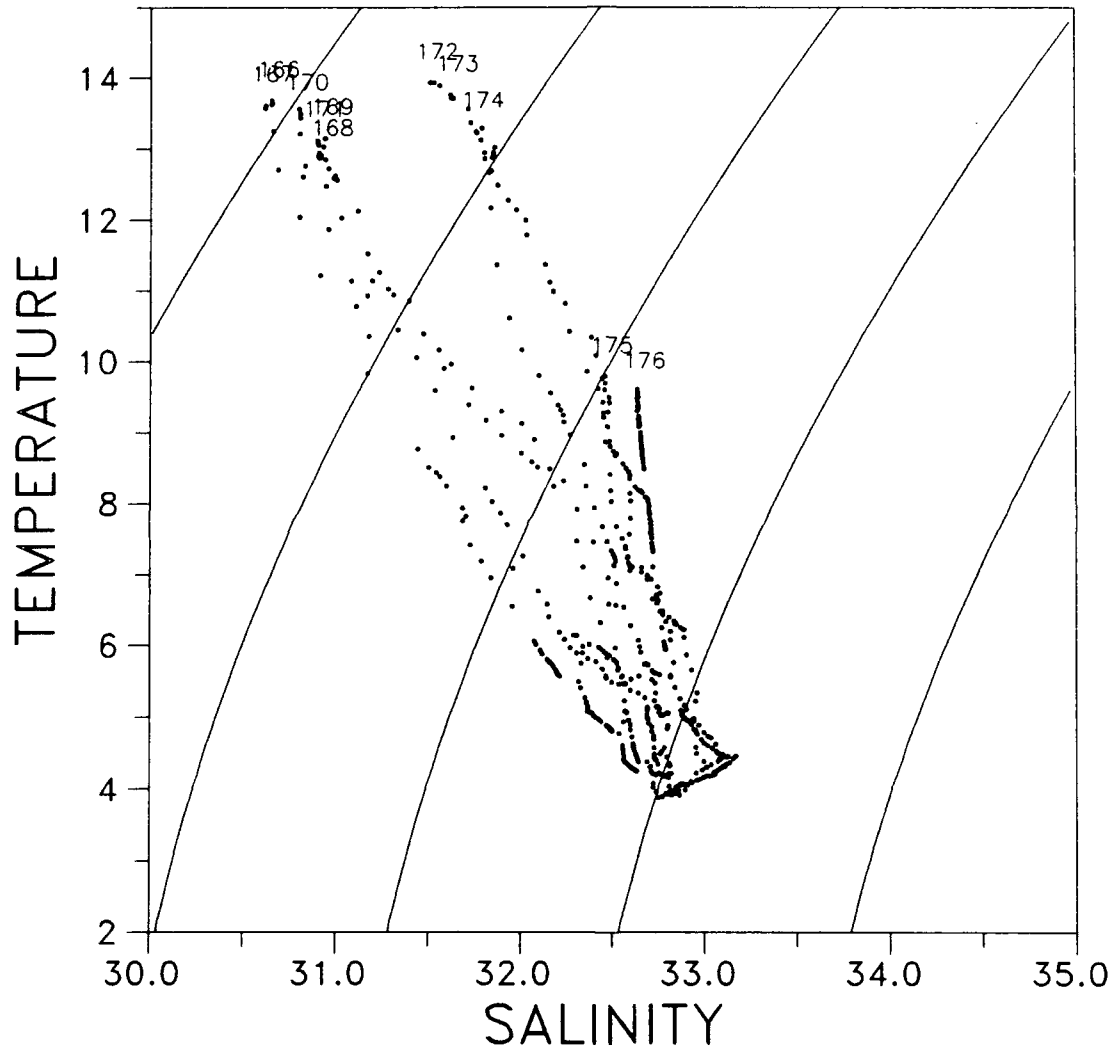




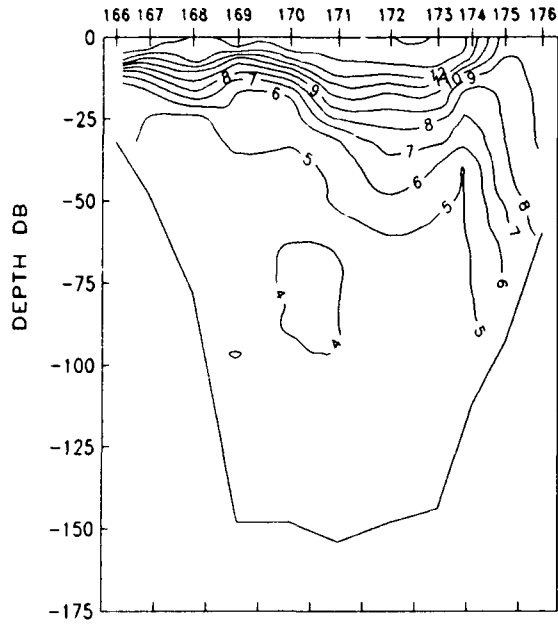




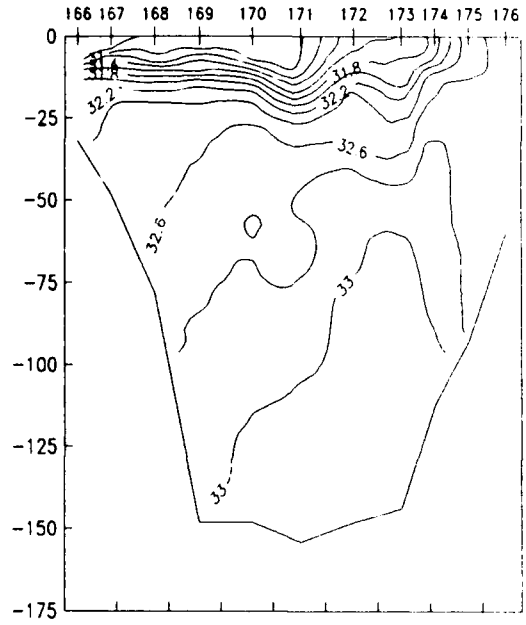




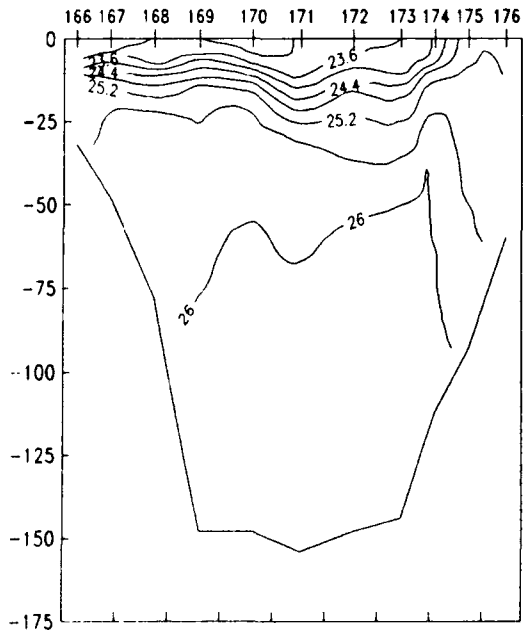
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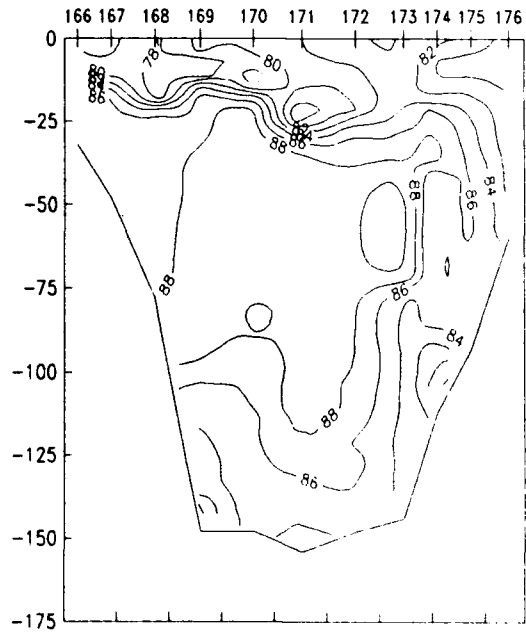
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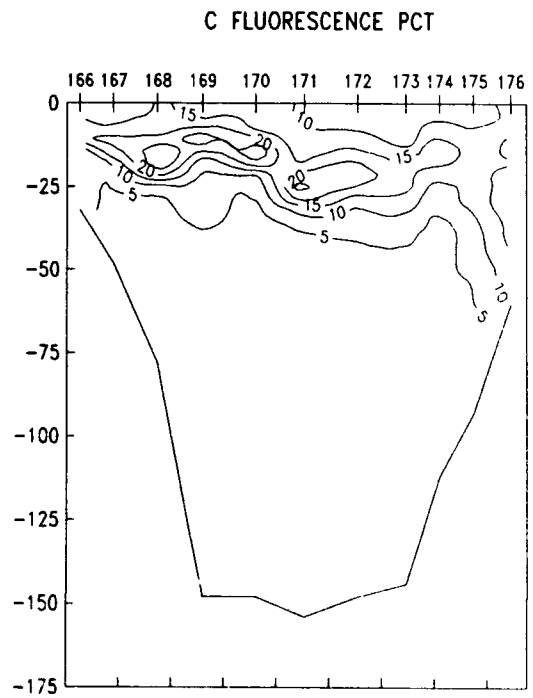
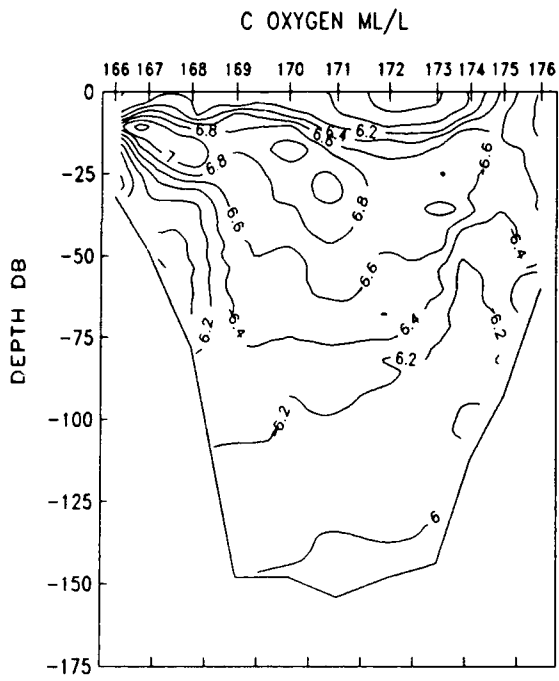


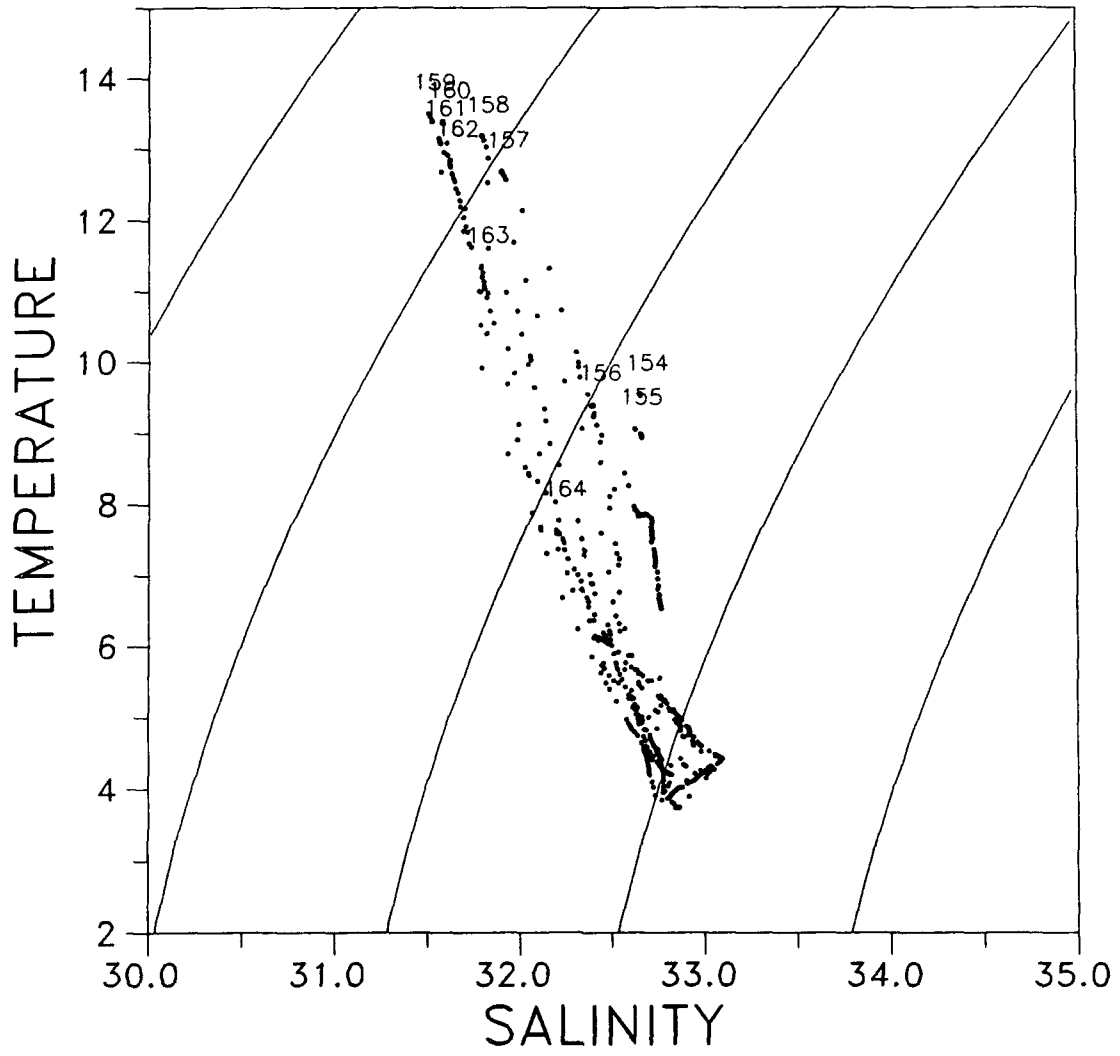
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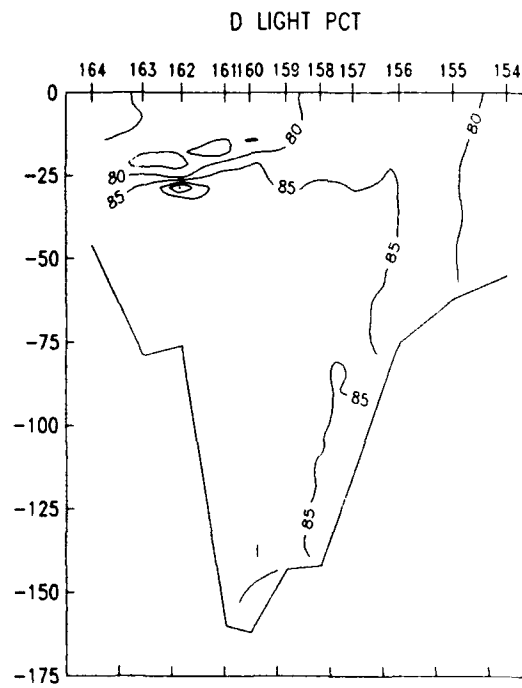
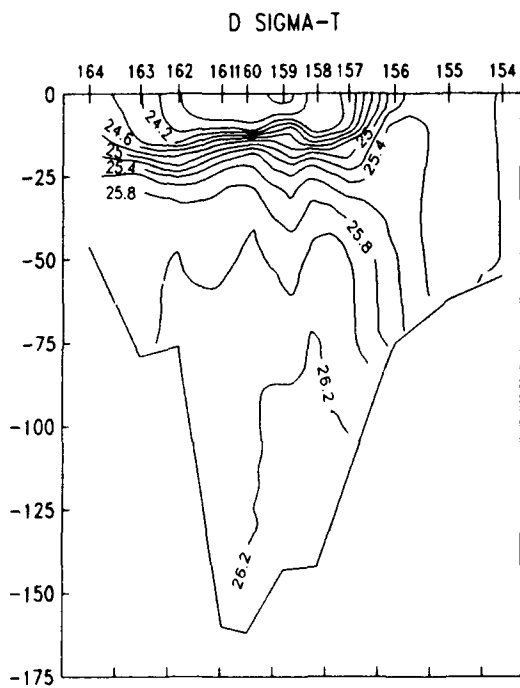
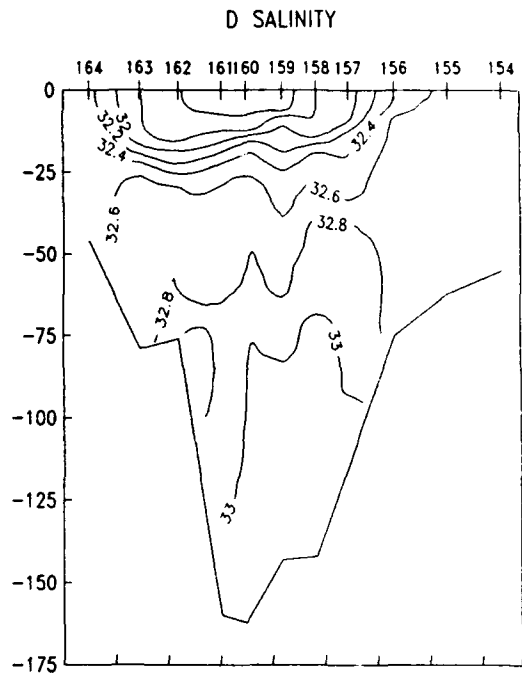
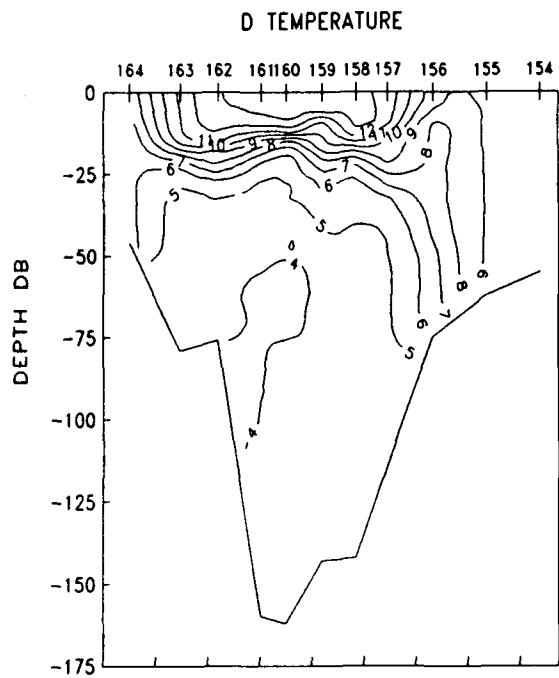


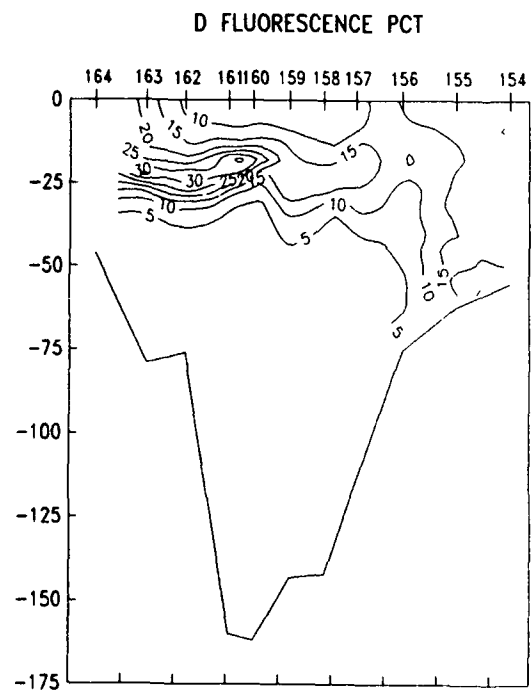
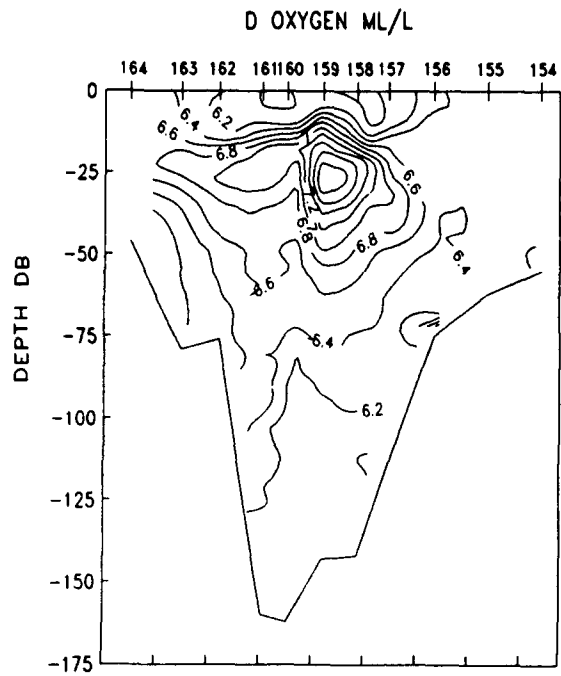
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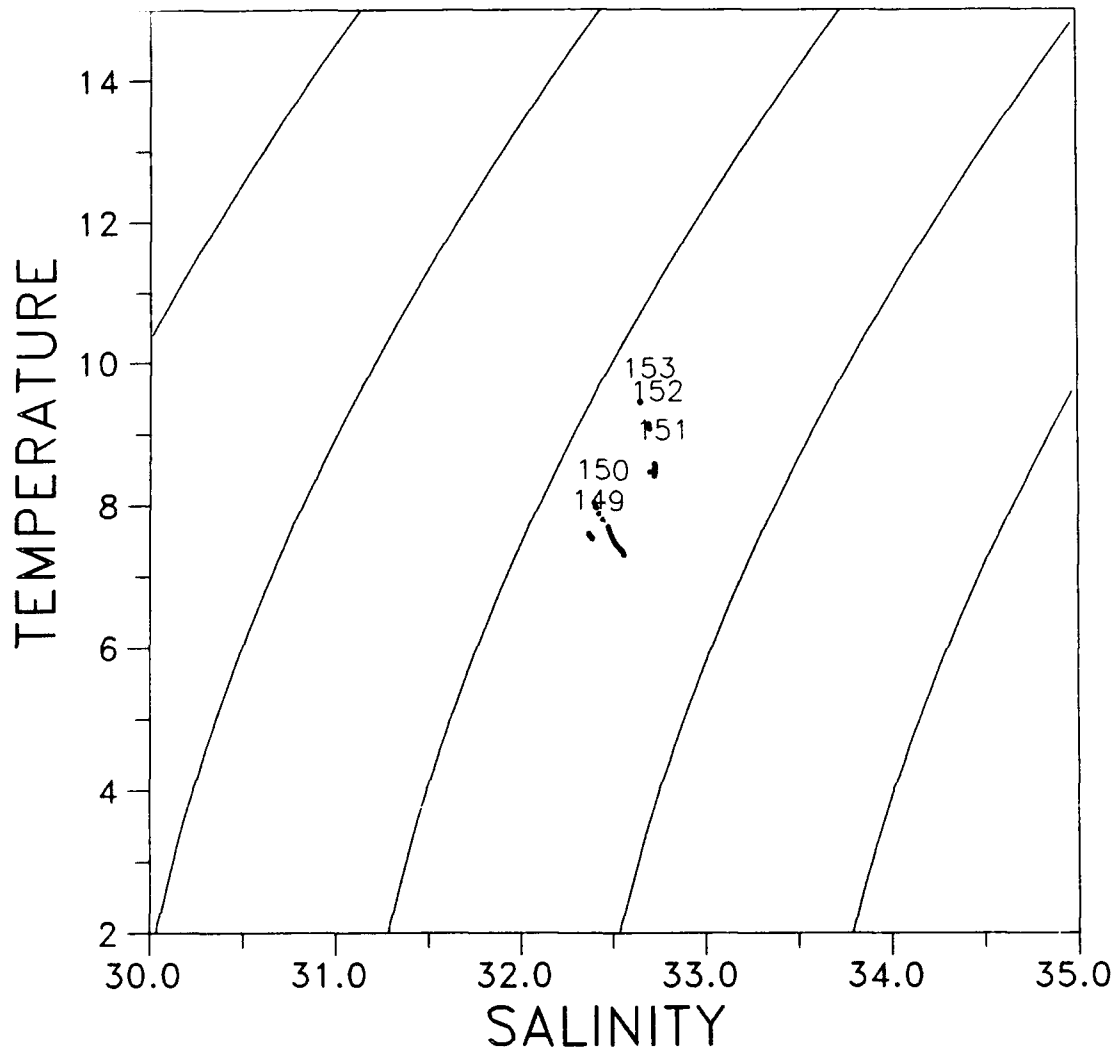


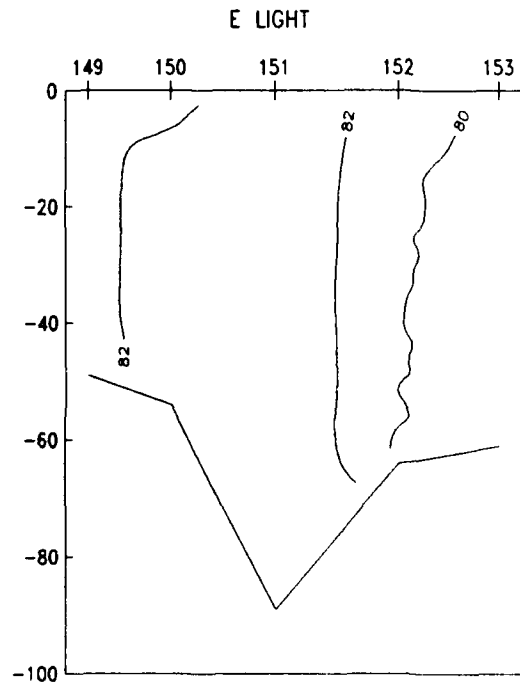
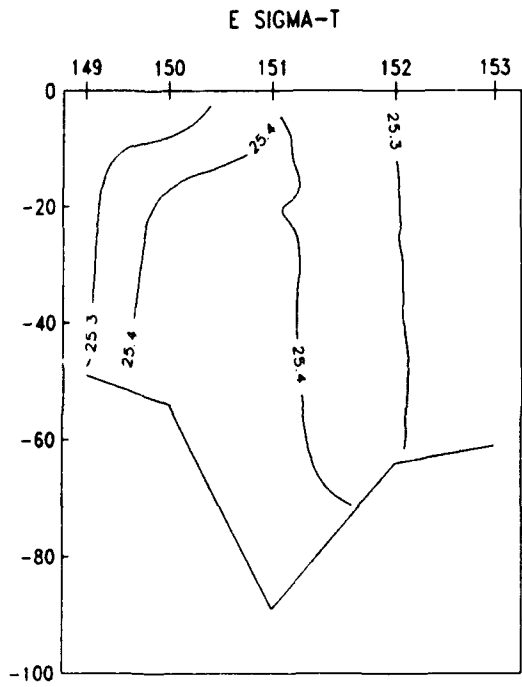
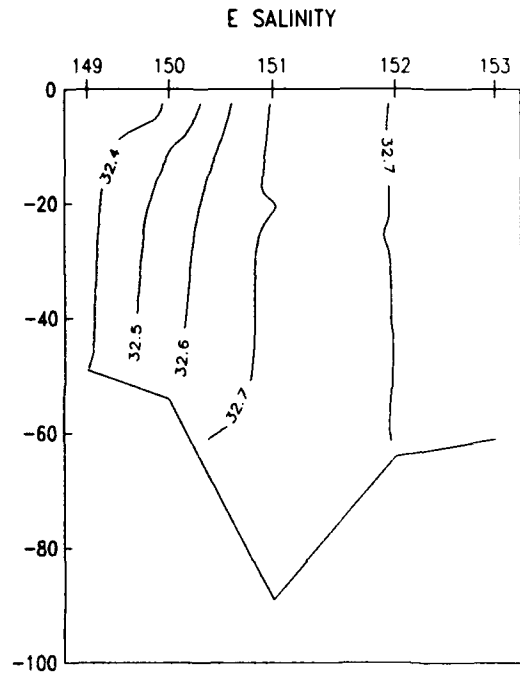
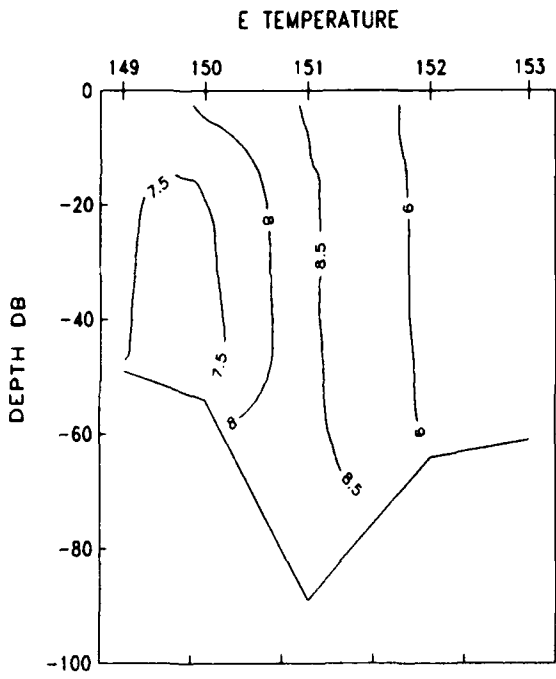


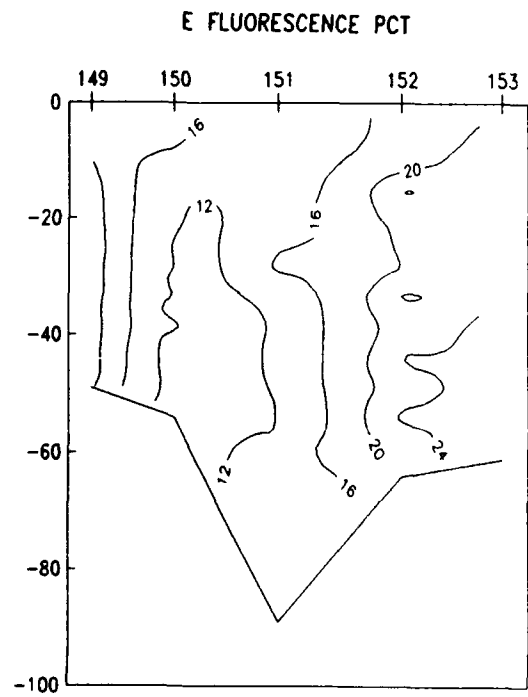
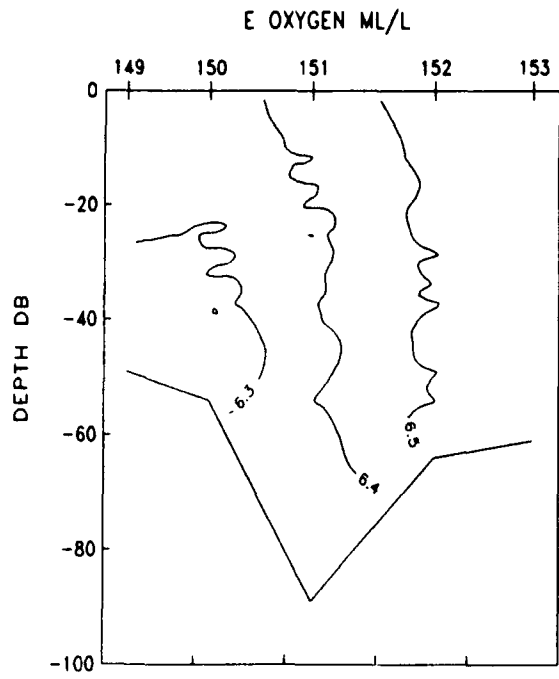


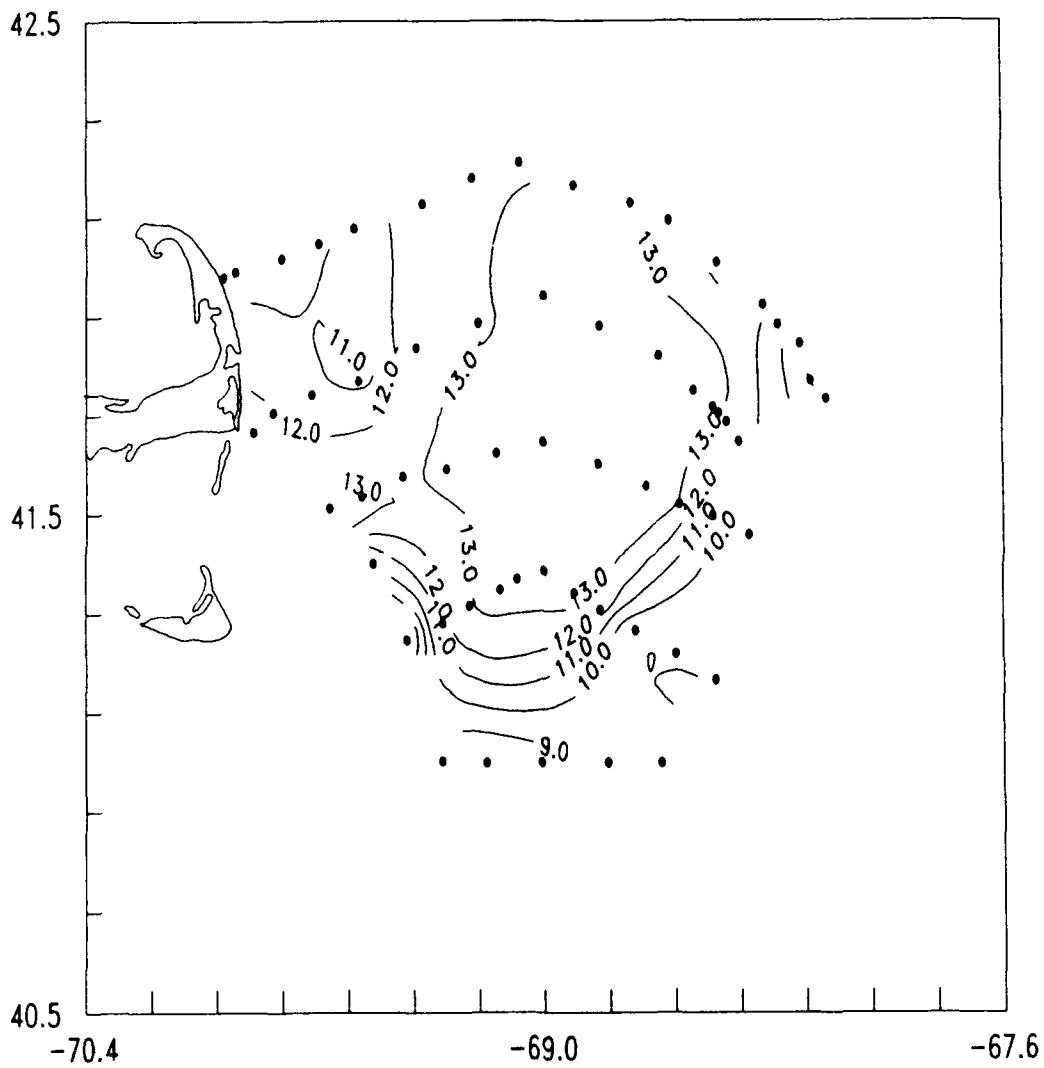




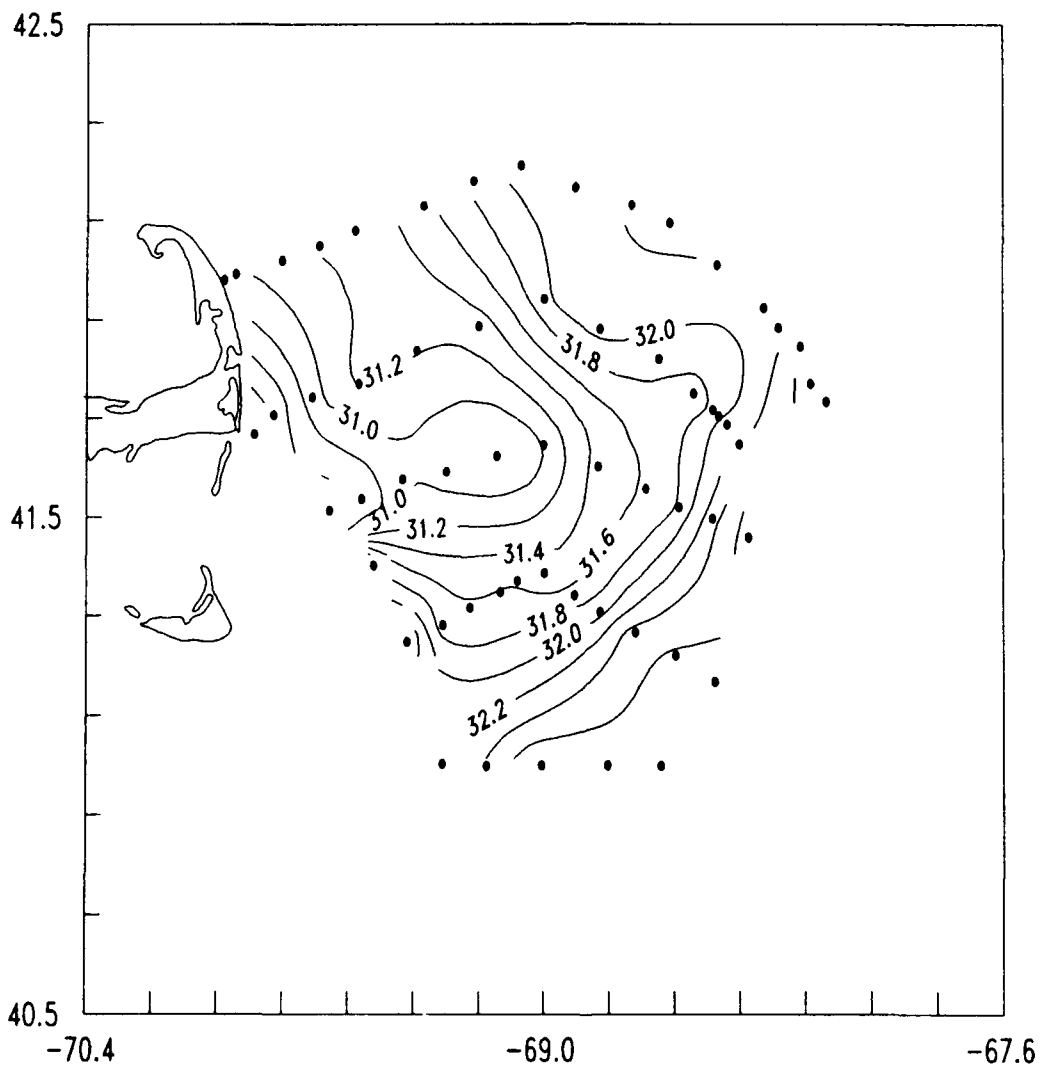




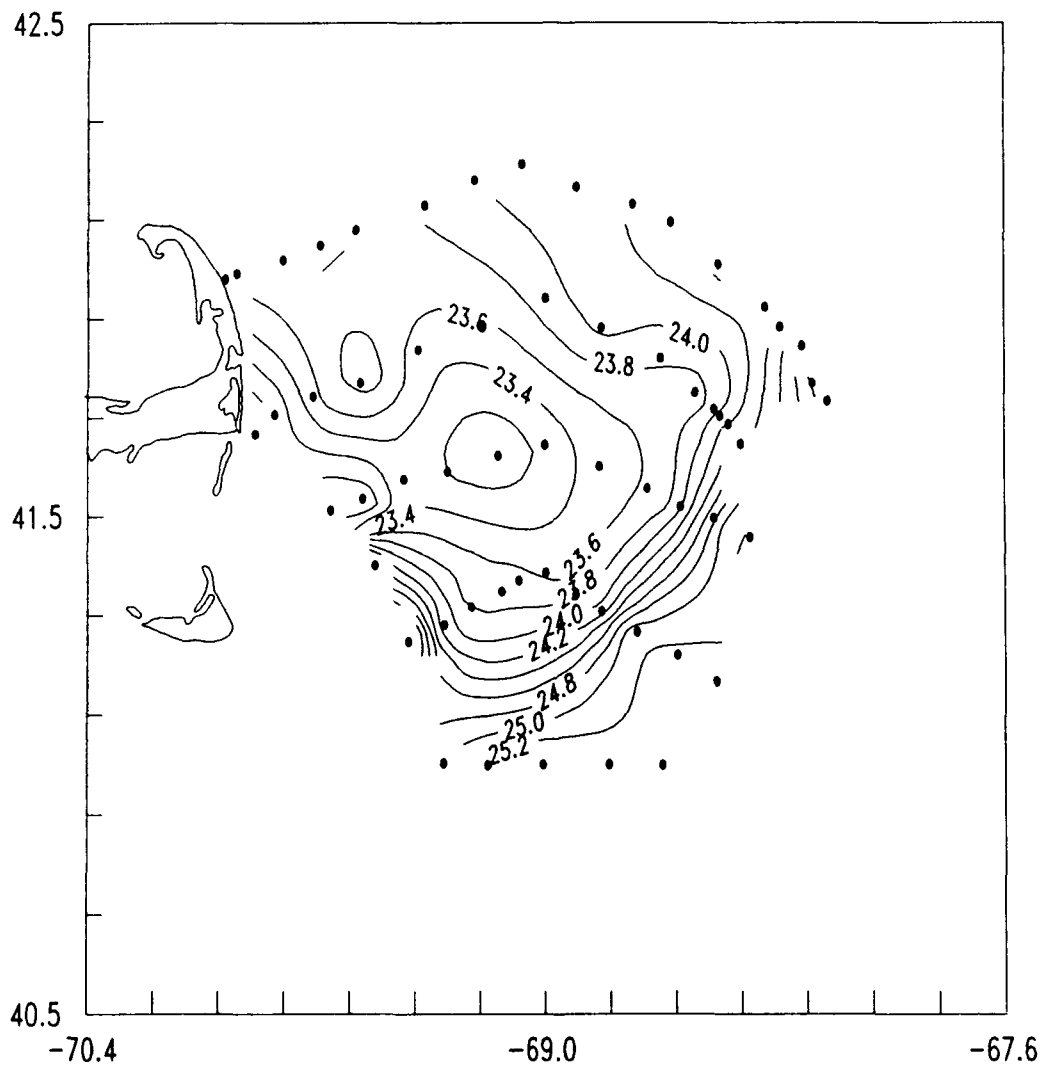




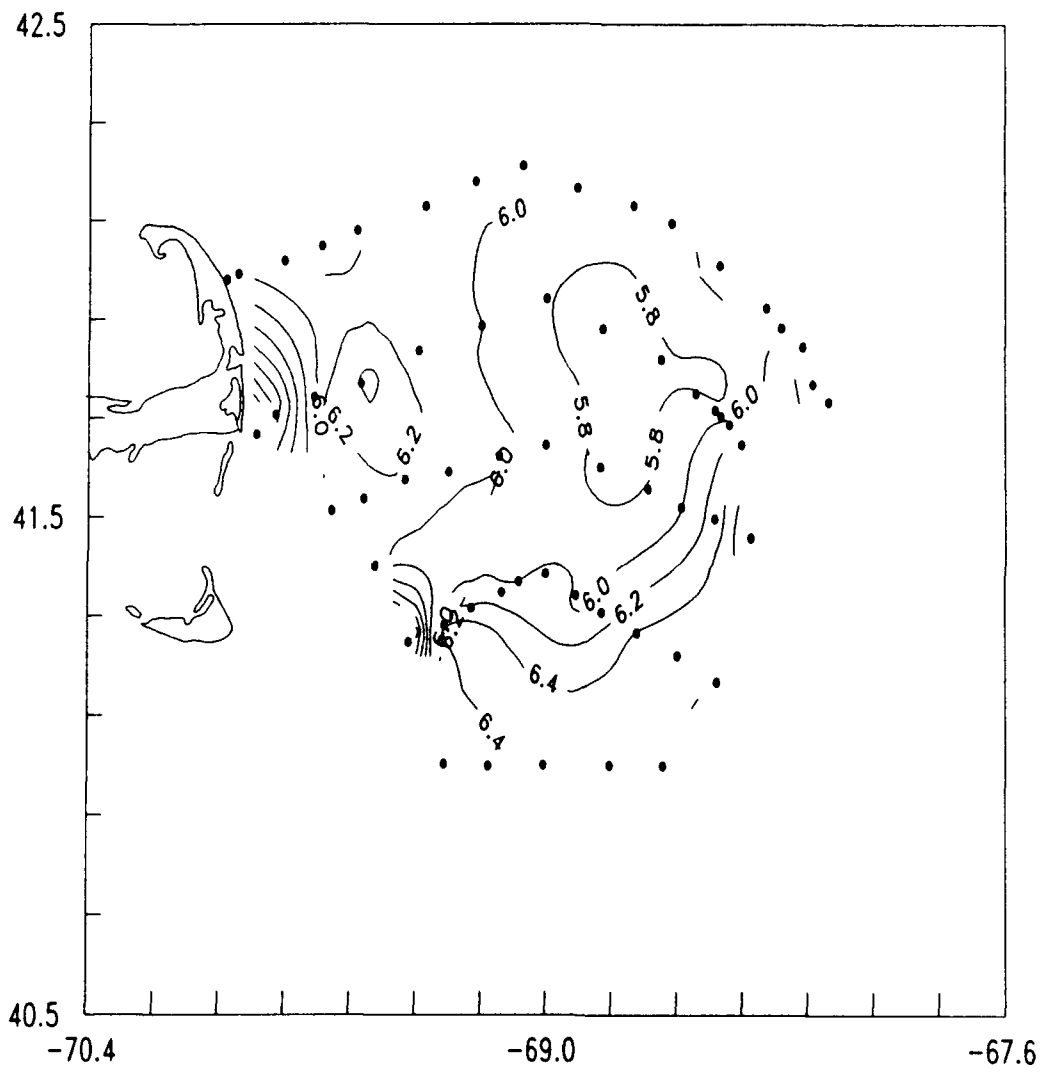
SURFACE TEMPERATURE JUN 7-12 1989



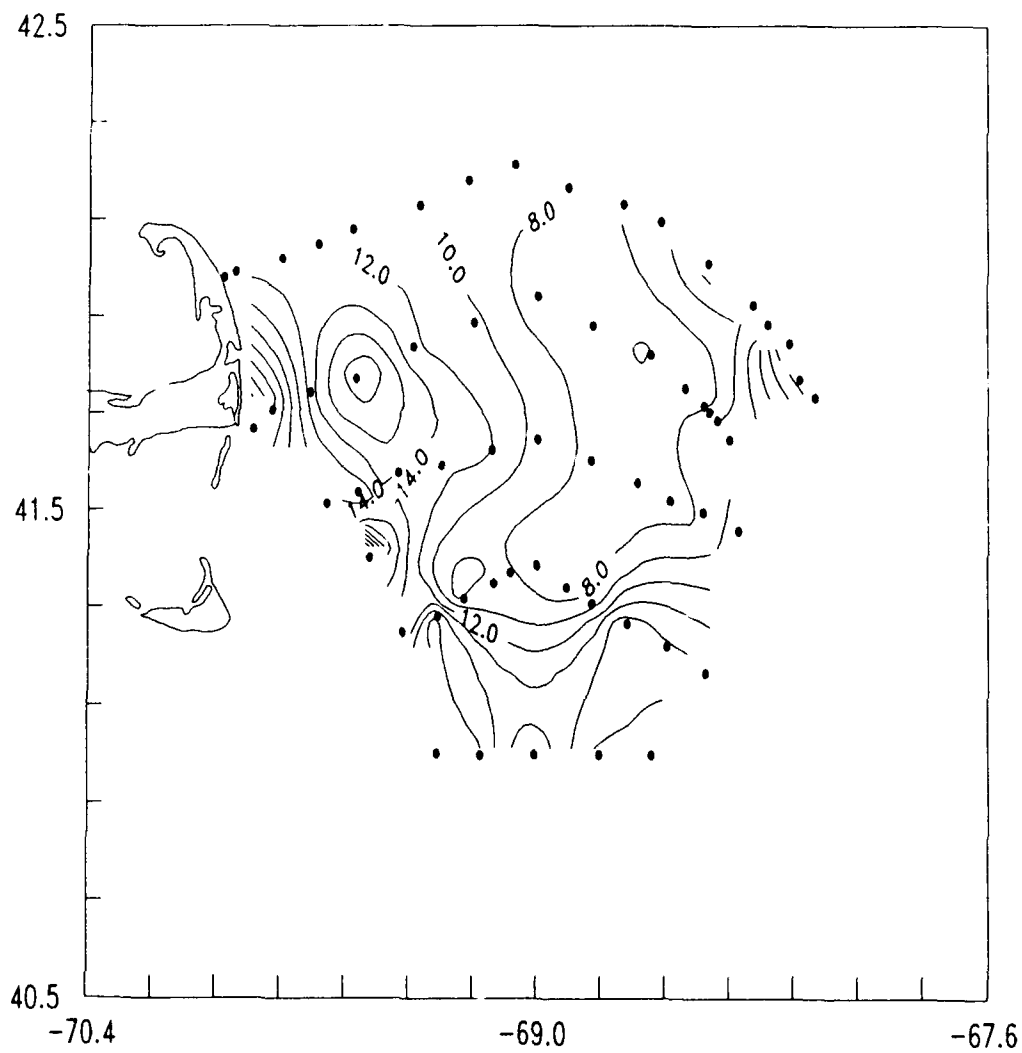
SURFACE SALINITY JUN 7-12 1989



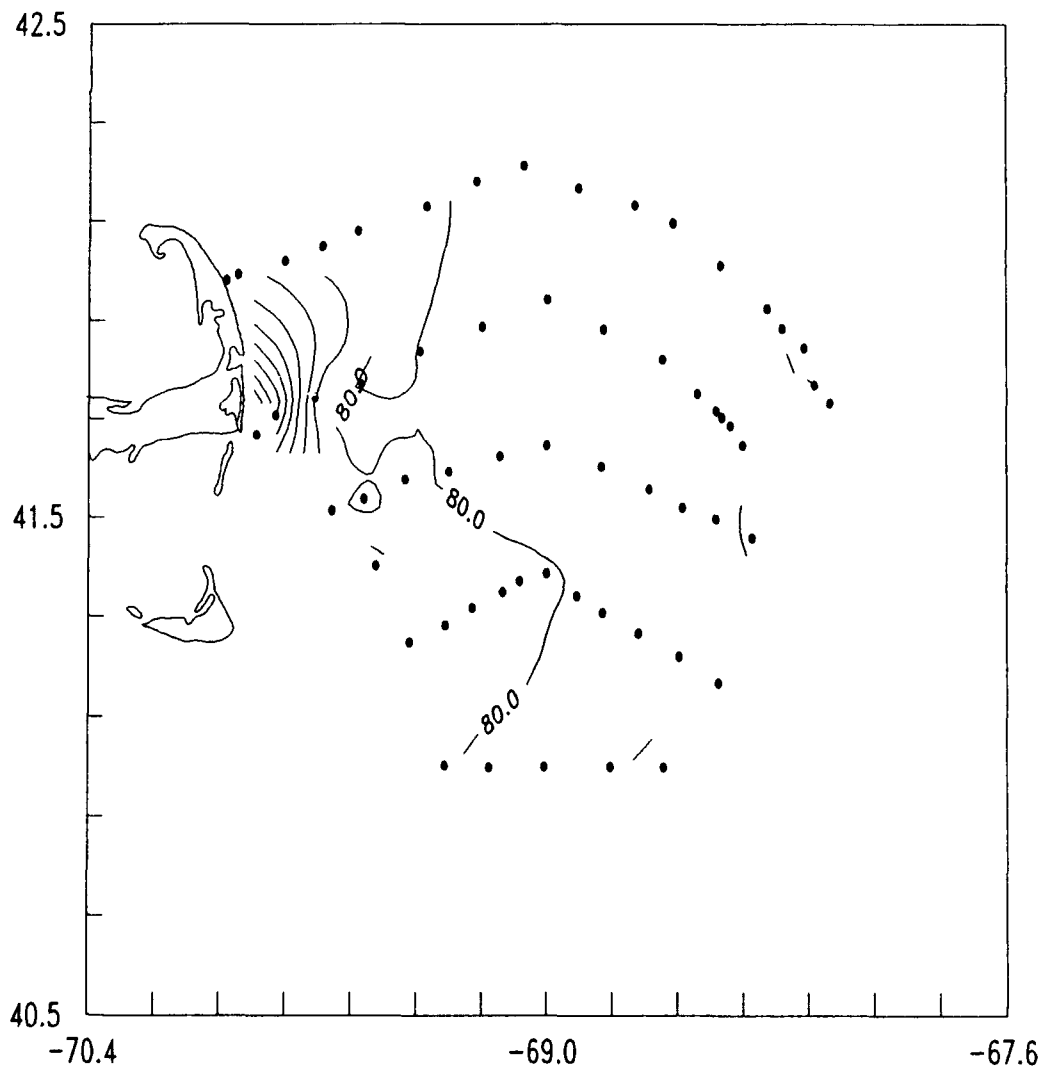
SURFACE SIGMA-T JUN 7-12 1989



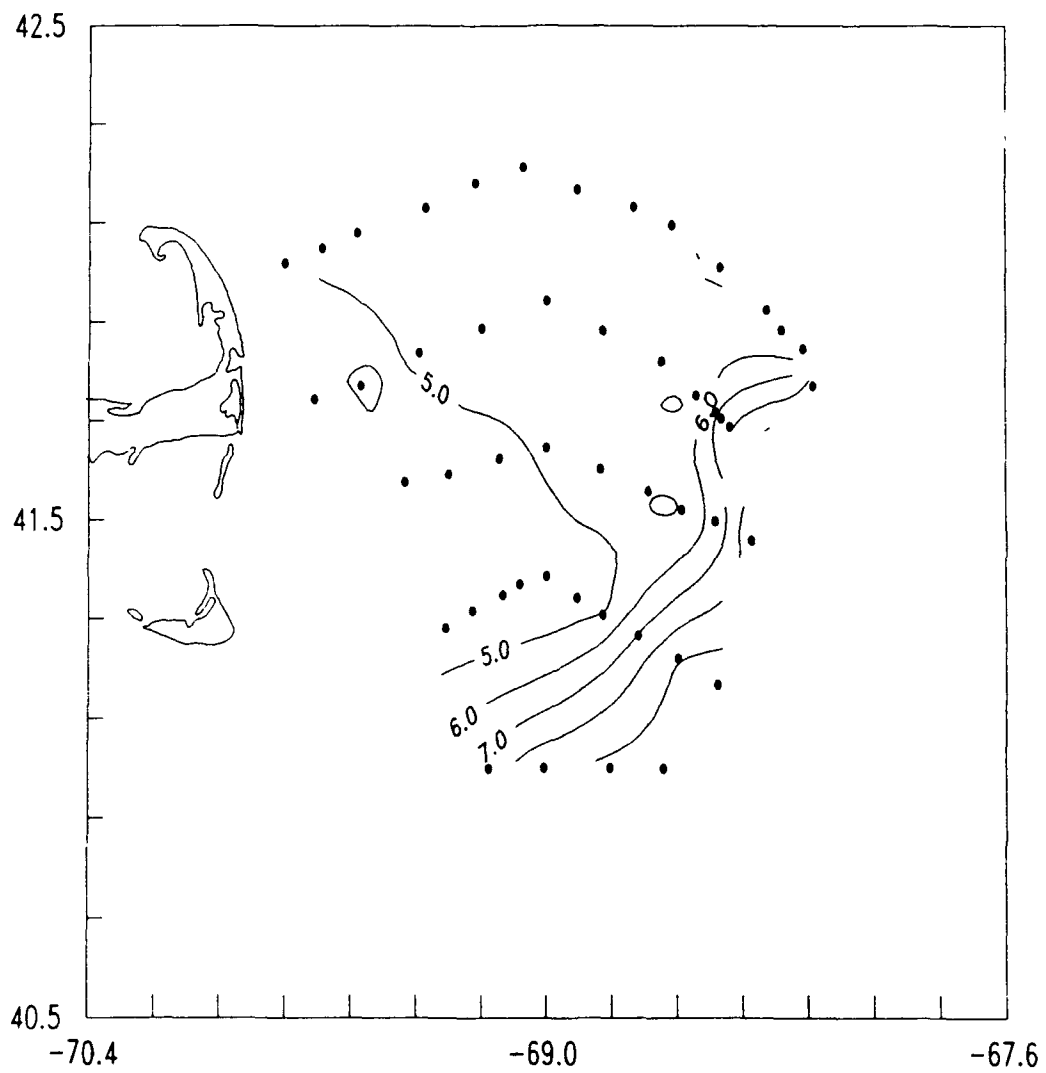
SURFACE OXYGEN ML/L JUN 7-12 1989



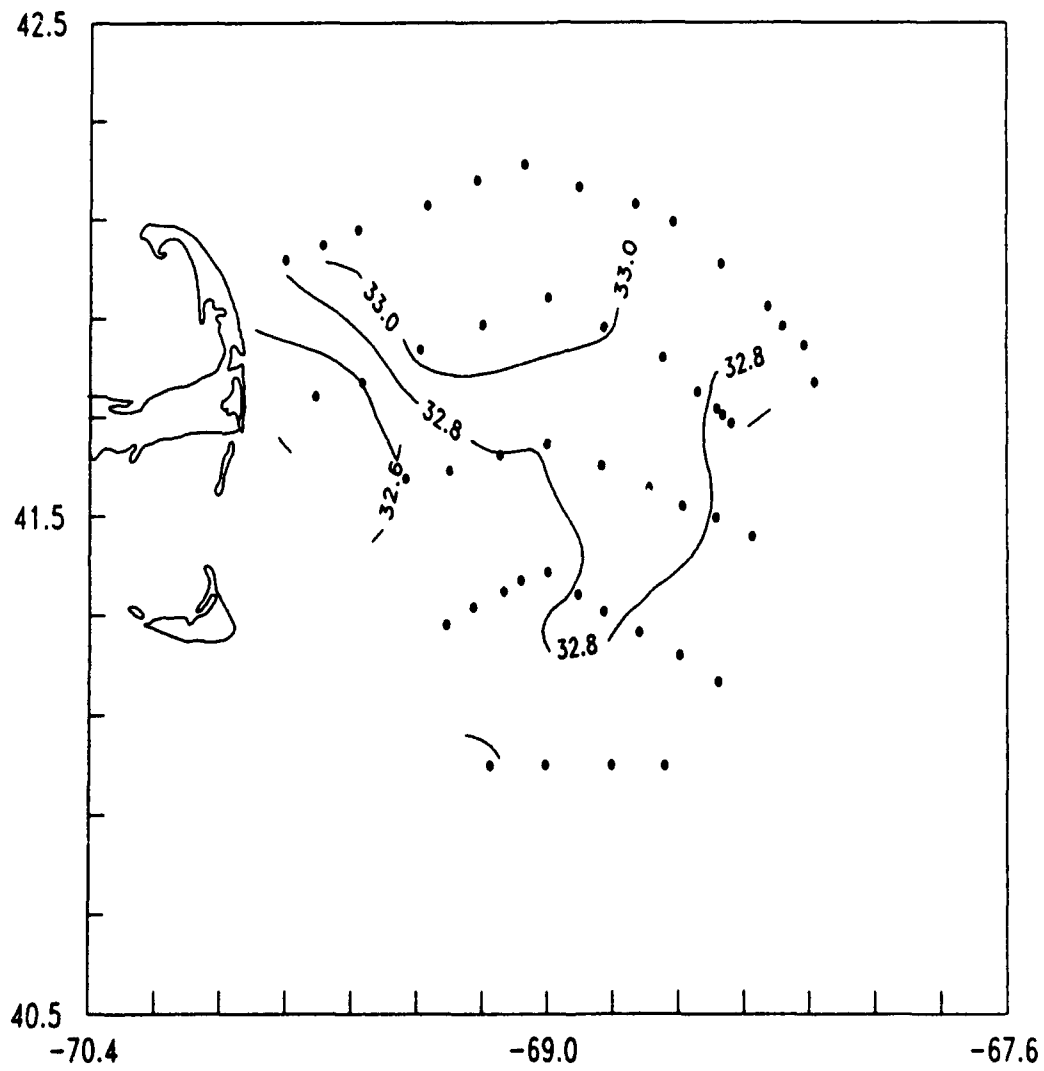
SURFACE FLUORESCENCE PCT JUN 7-12 1989



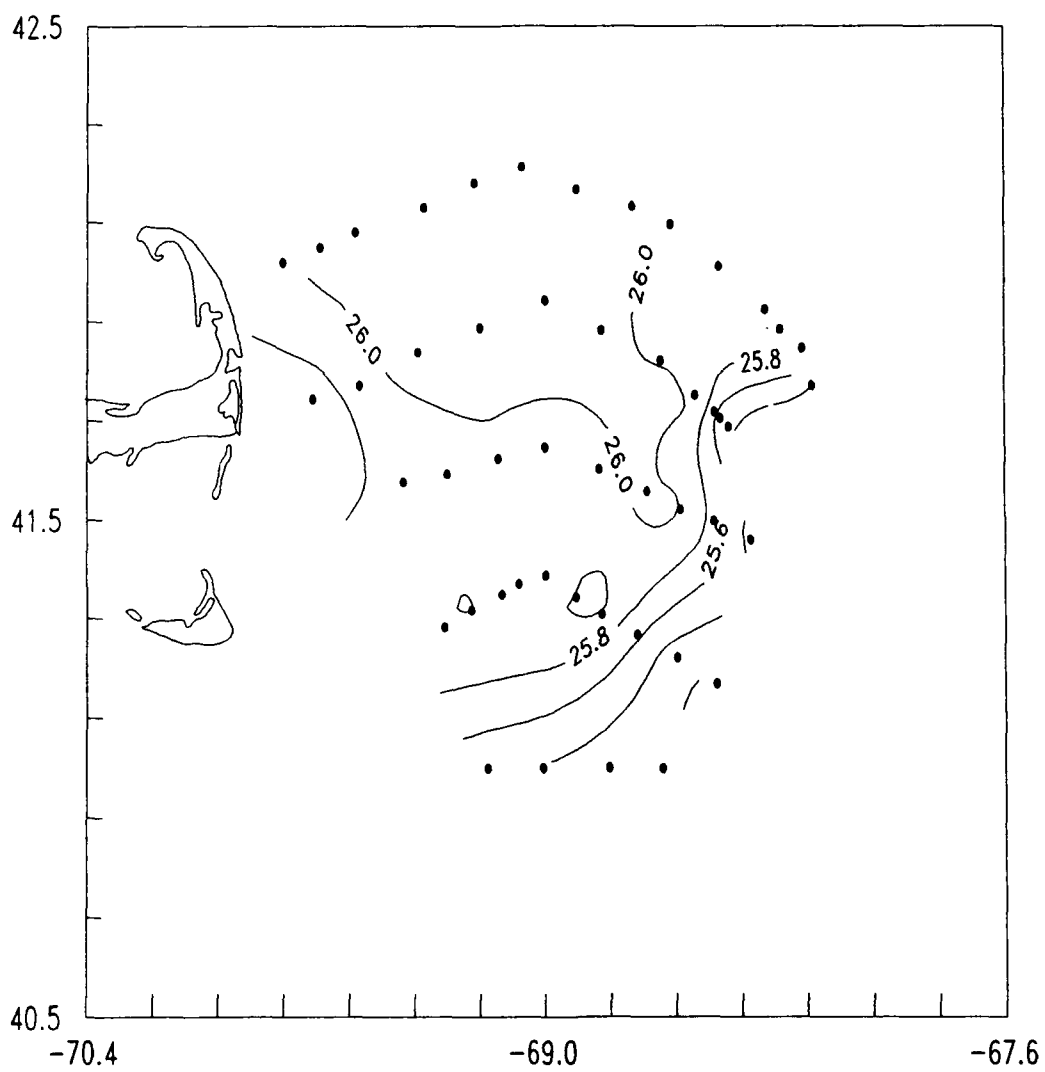
SURFACE LIGHT PCT JUN 7-12 1989



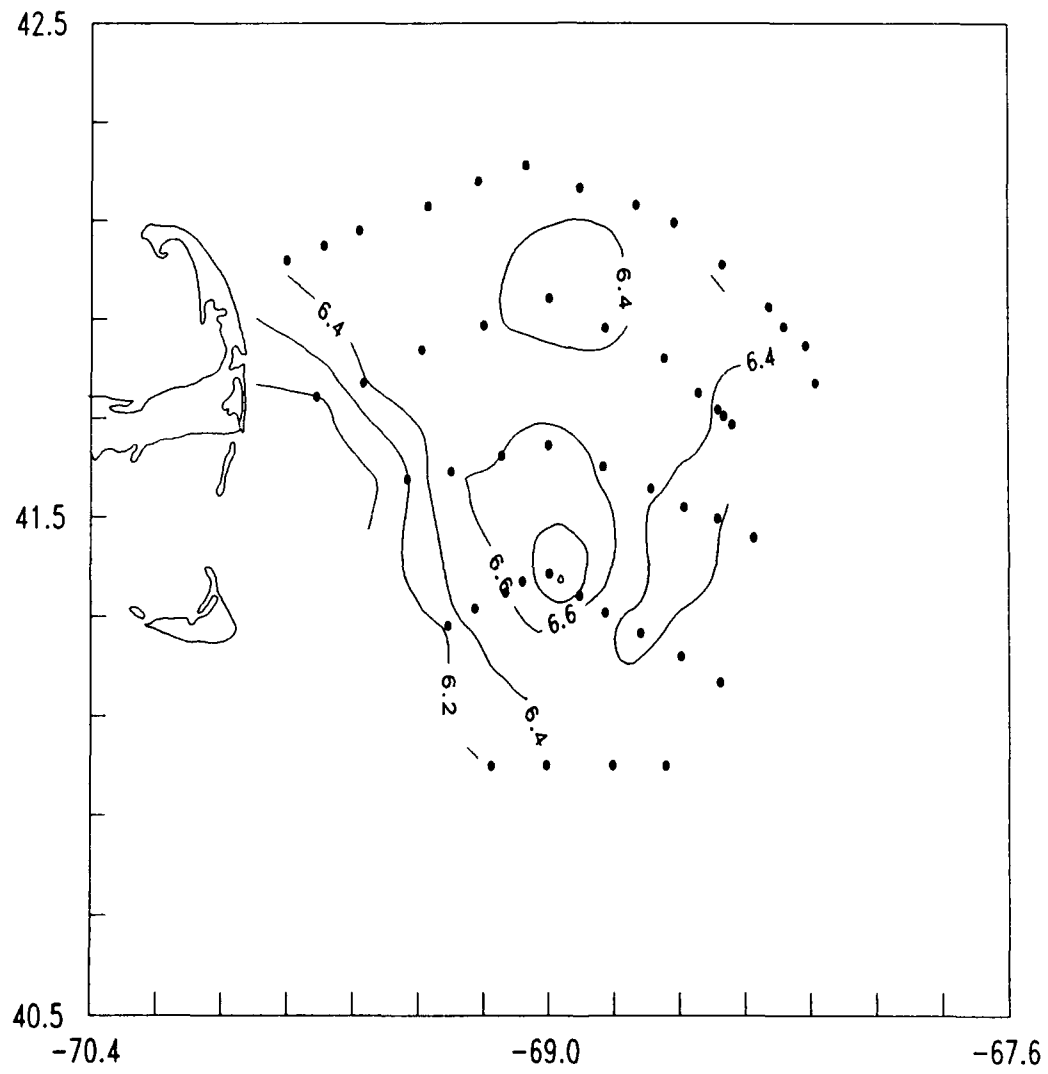
TEMPERATURE 50 M JUN 7-12 1989



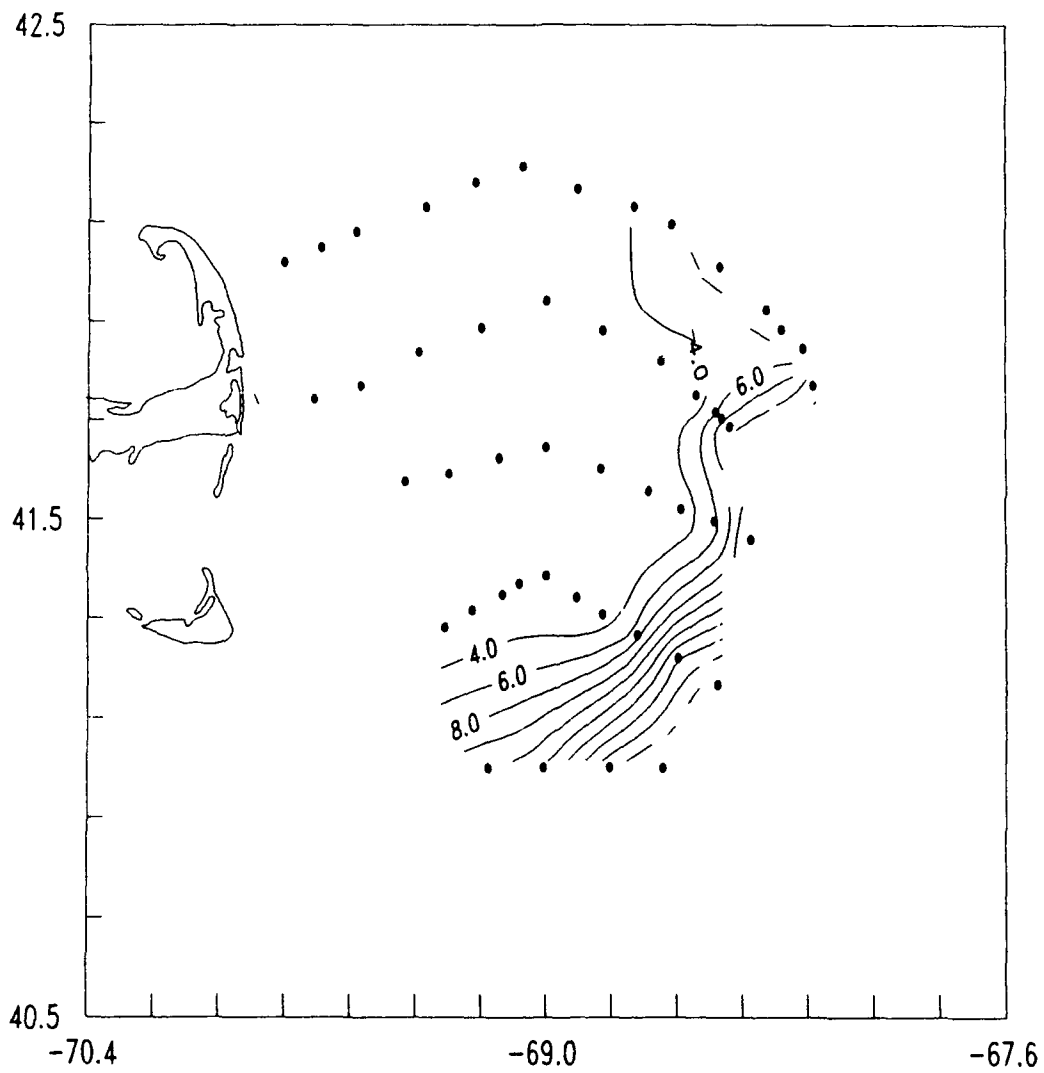
SALINITY 50 M JUN 7-12 1989



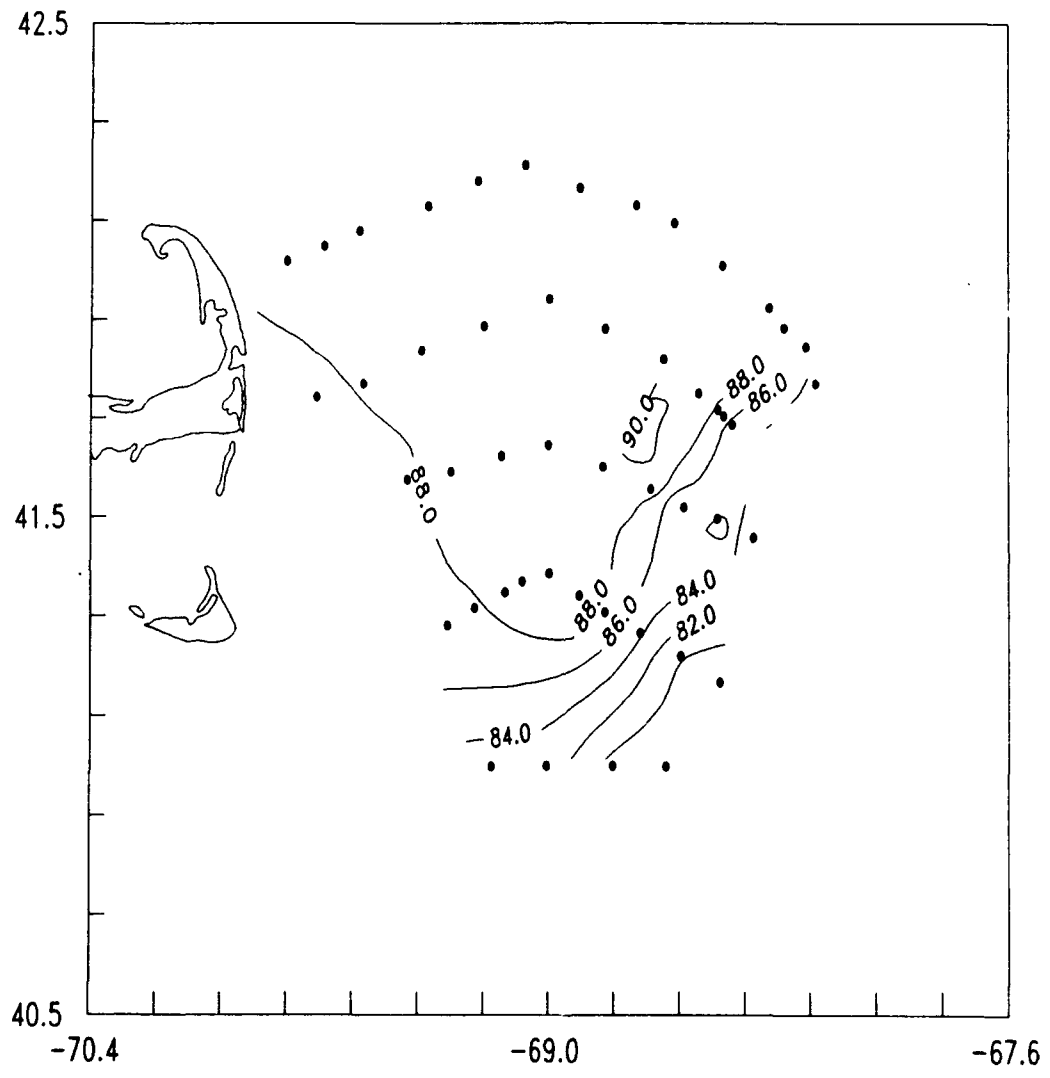
SIGMA-T 50 M JUN 7-12 1989



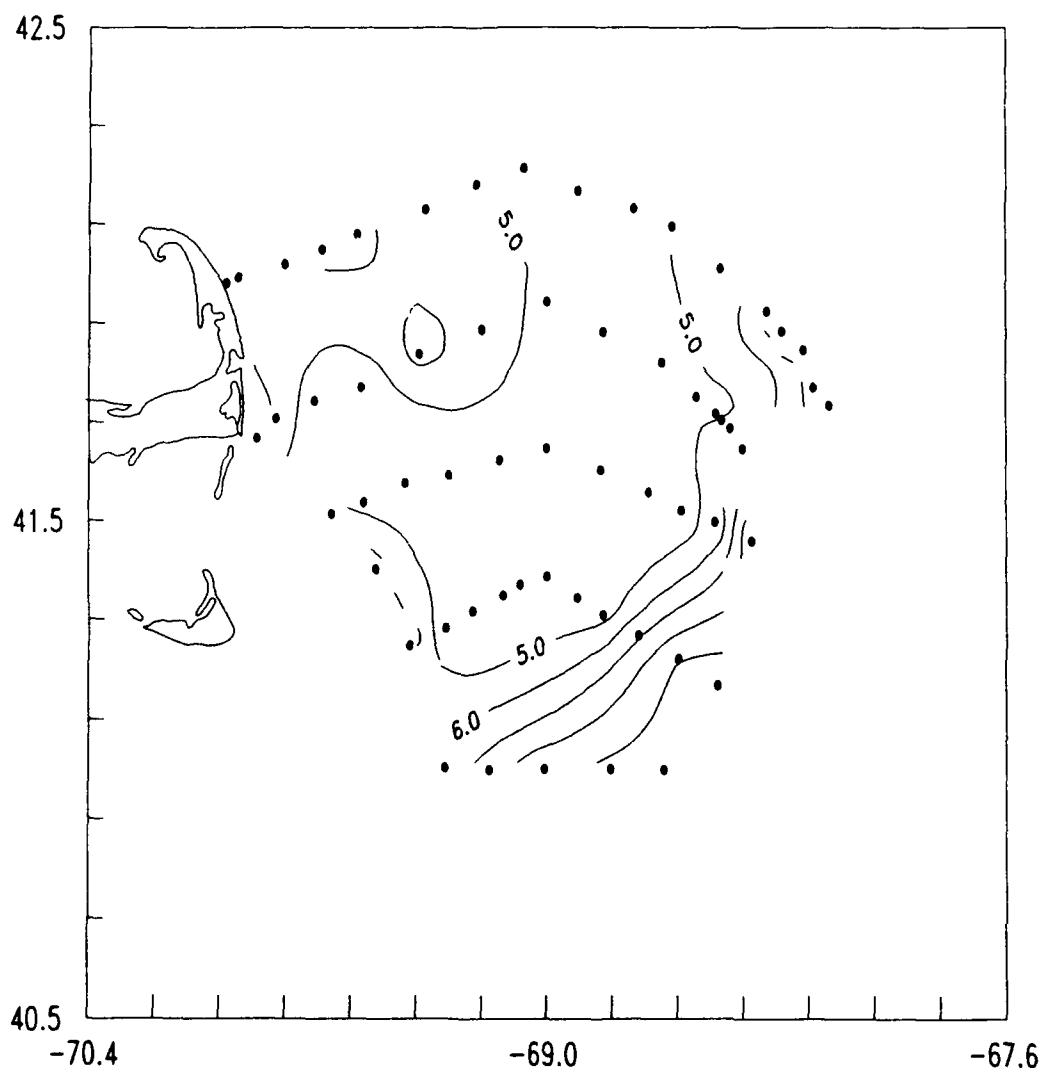
OXYGEN ML/L 50 M JUN 7-12 1989



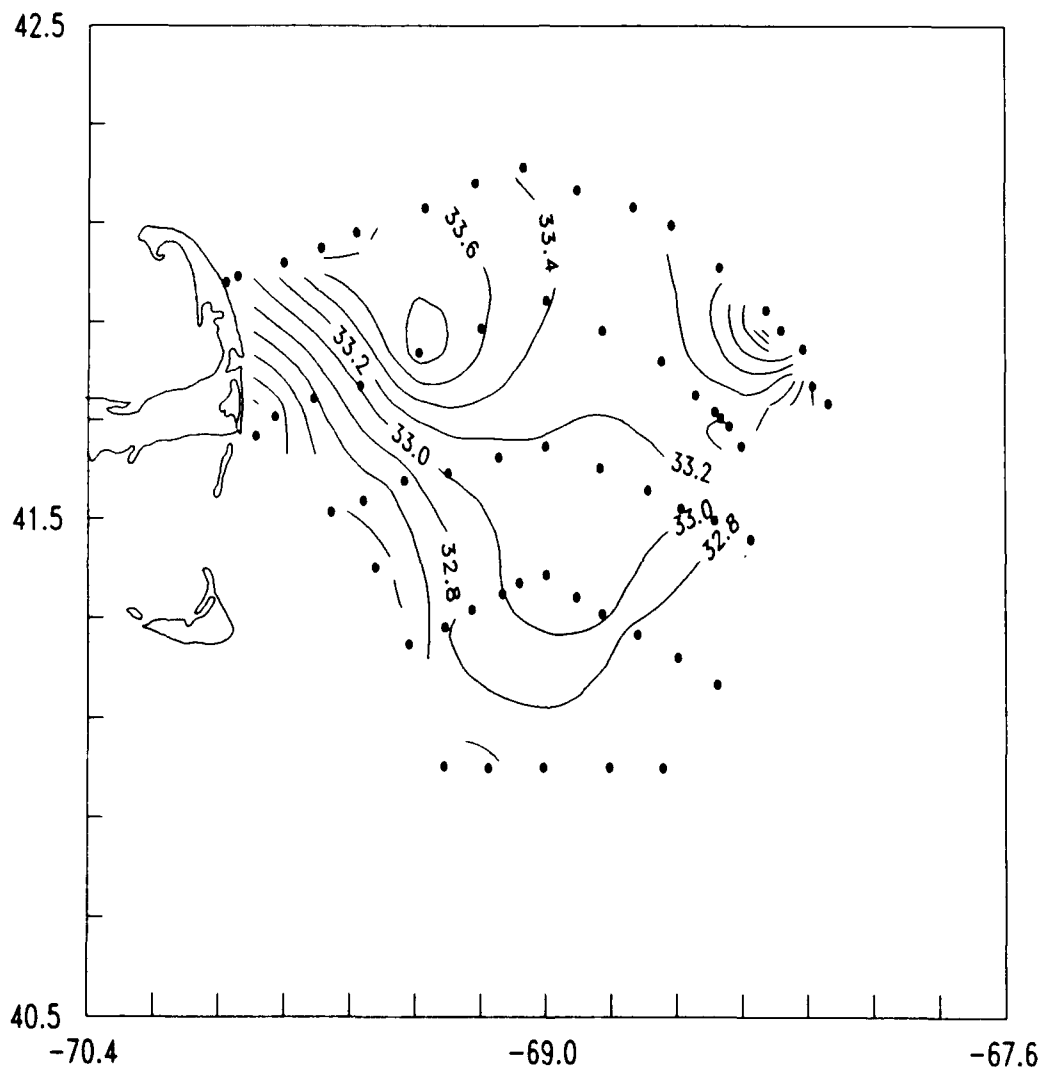
FLUORESCENCE PCT 50 M JUN 7-12 1989



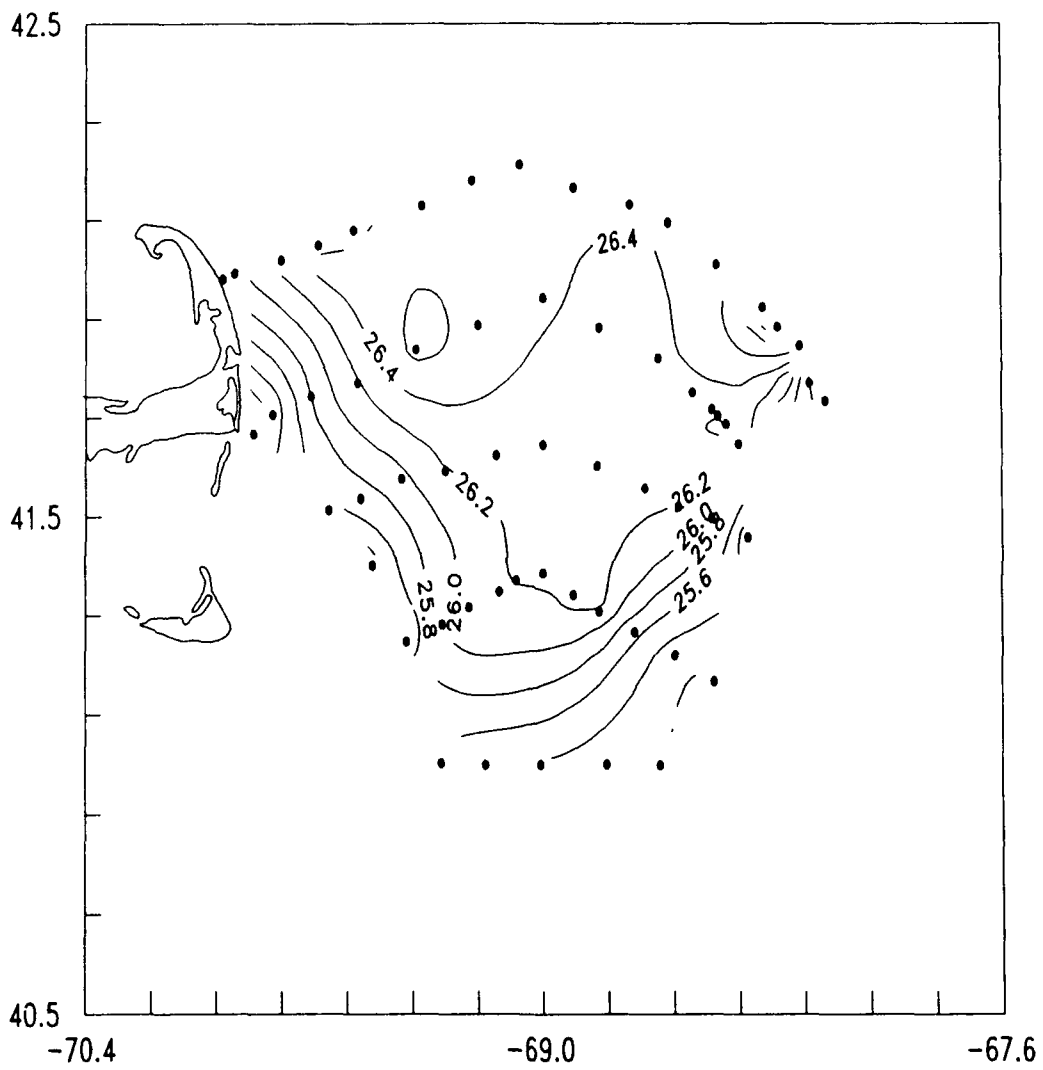
LIGHT PCT 50 M JUN 7-12 1989



BOTTOM TEMPERATURE JUN 7-12 1989



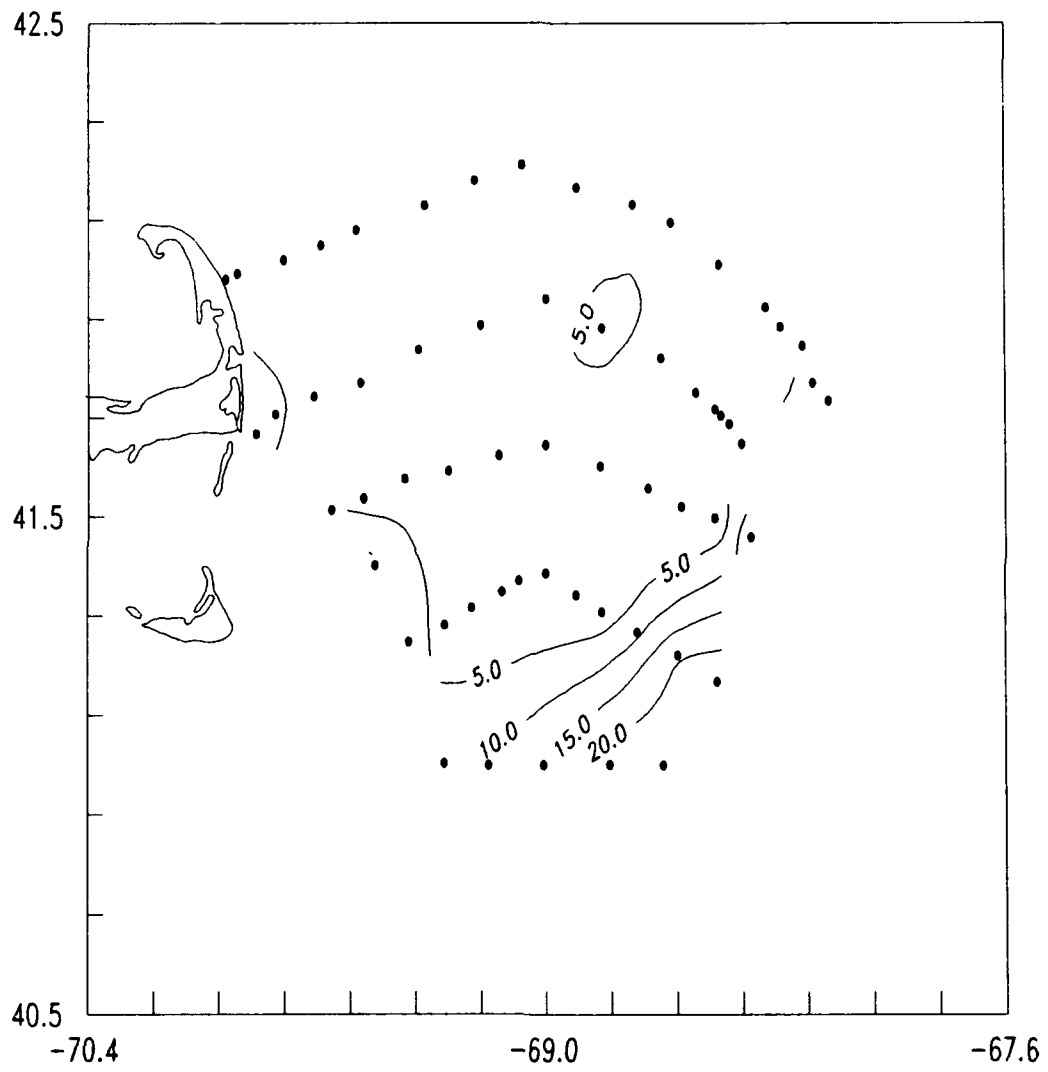
BOTTOM SALINITY JUN 7-12 1989



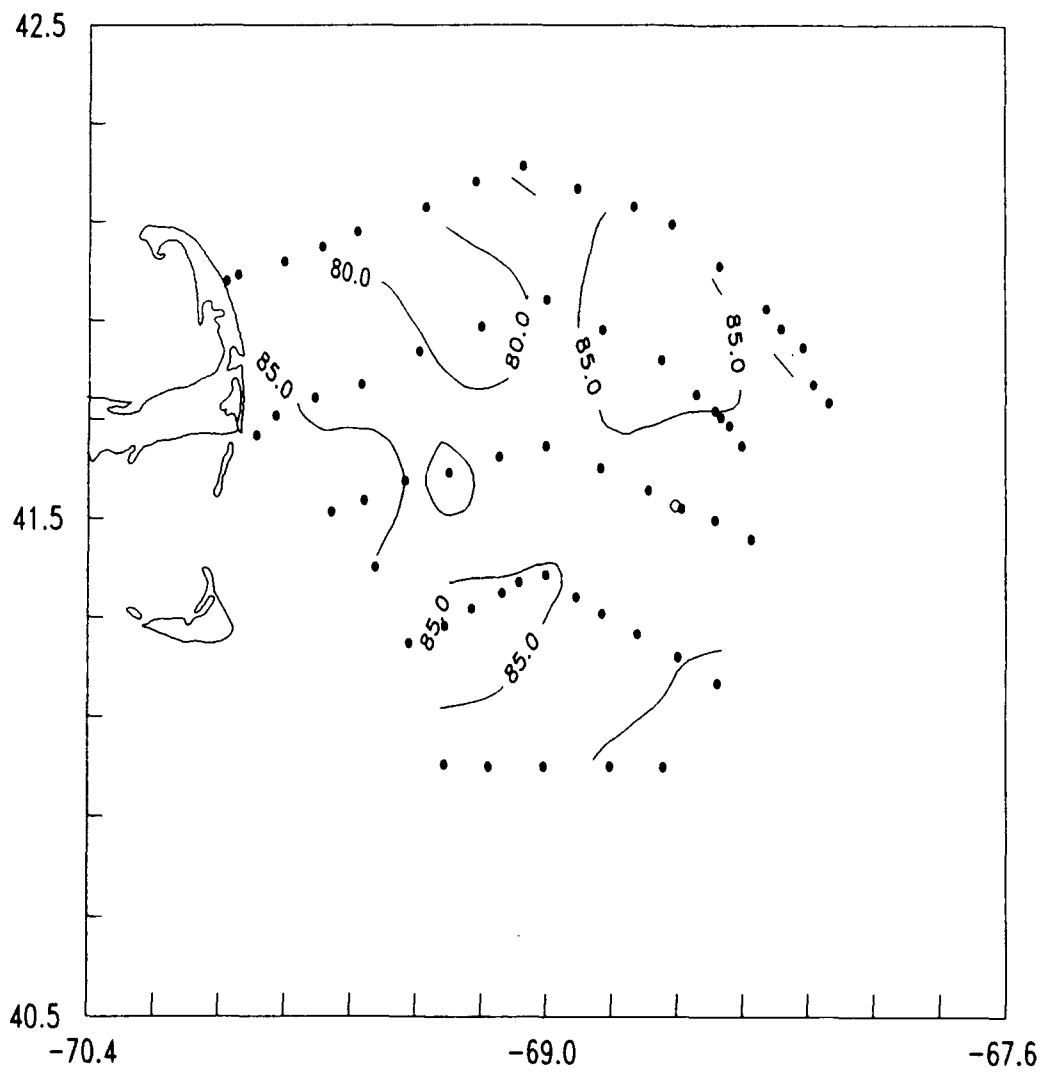
BOTTOM SIGMA-T JUN 7-12 1989



BOTTOM OXYGEN ML/L JUN 7-12 1989



BOTTOM FLUORESCENCE PCT JUN 7-12 1989

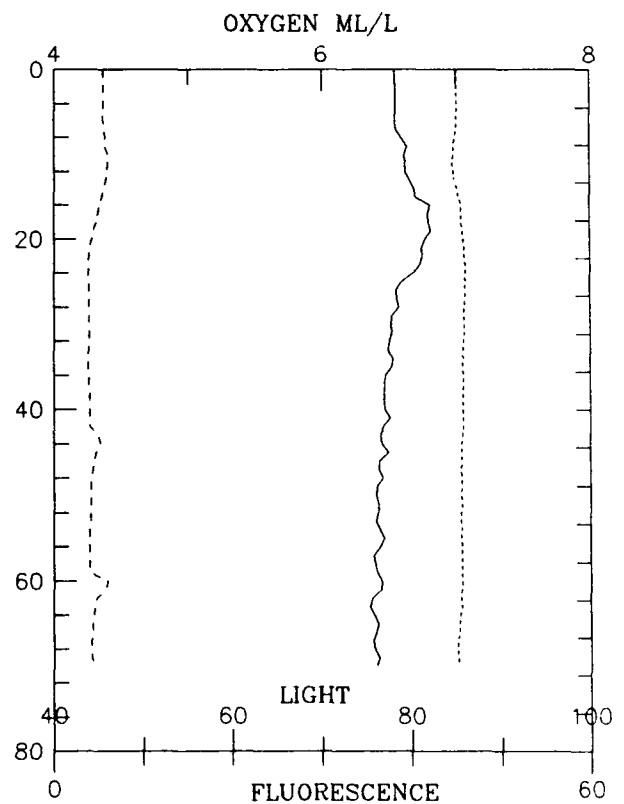
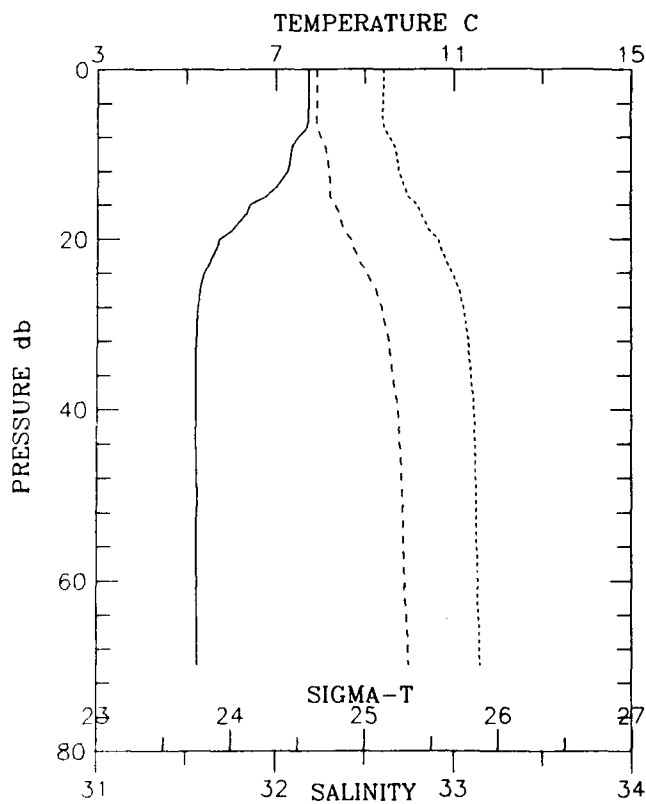


BOTTOM LIGHT PCT JUN 7-12 1989

8. Station Listings and Profiles

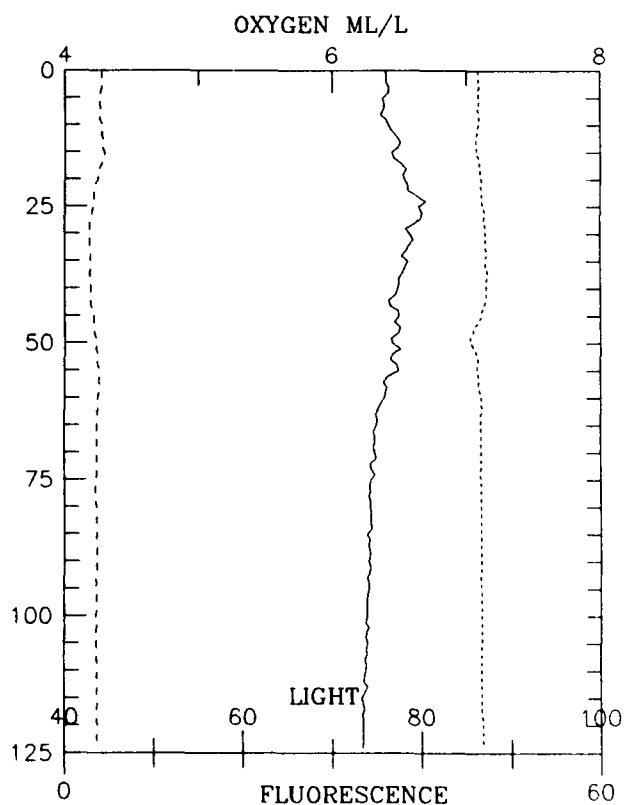
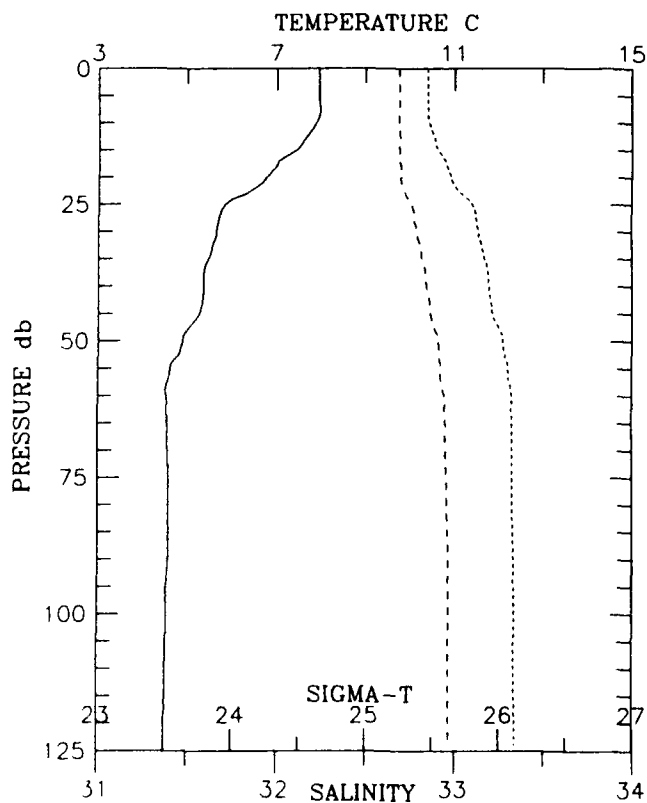
Cruise EN196 Consecutive Station # 1 Depth m:81 Time: 1989-05-18 23:11
 Position: 41° 17.40'N 69° 18.40'W Depth Deck Offset: -0.45 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 7.728	32.231	25.138	0.0000	6.545	5.5	85.1
5.0	E 7.728	32.228	25.136	0.0139	6.549	5.5	85.1
10.0	7.340	32.287	25.236	0.0277	6.617	6.0	84.7
15.0	6.788	32.307	25.326	0.0410	6.700	5.4	85.3
20.0	5.736	32.422	25.547	0.0535	6.770	4.2	85.8
25.0	5.346	32.536	25.683	0.0652	6.595	3.9	86.1
30.0	5.236	32.611	25.756	0.0763	6.516	3.9	85.9
35.0	5.212	32.653	25.792	0.0872	6.520	3.8	85.7
40.0	5.214	32.684	25.816	0.0980	6.466	4.0	85.7
45.0	5.234	32.703	25.829	0.1086	6.496	4.7	85.6
50.0	5.241	32.712	25.835	0.1193	6.401	4.1	85.5
55.0	5.234	32.717	25.840	0.1299	6.462	4.0	85.5
60.0	5.238	32.725	25.846	0.1405	6.441	6.0	85.6
65.0	5.243	32.740	25.857	0.1510	6.421	4.3	85.3
70.0	5.241	32.746	25.862	0.1616	6.404	4.6	85.2



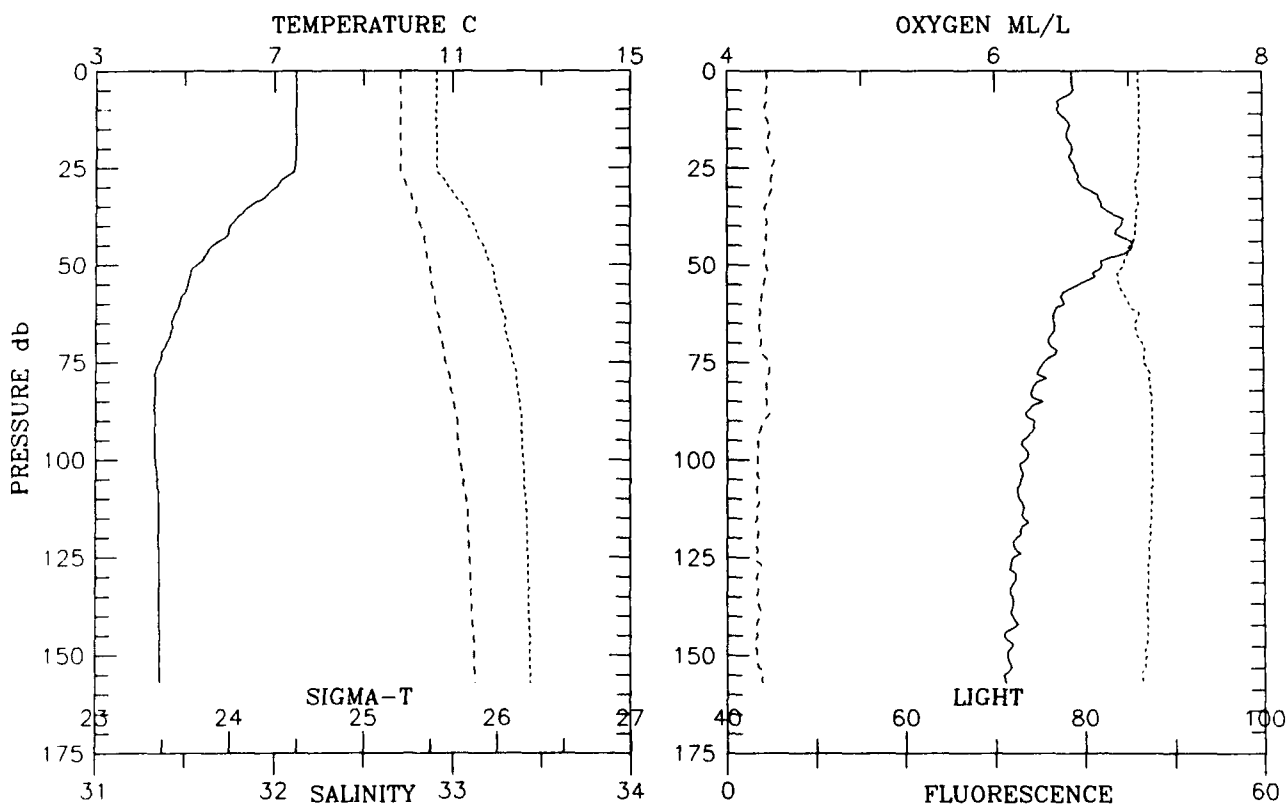
Cruise EN196 Consecutive Station # 2 Depth m:130 Time: 1989-05-19 02:27
 Position: 41° 20.05'N 69° 11.62'W Depth Deck Offset: -0.10 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 7.953	32.690	25.467	0.0000	6.400	4.1	86.3
10.0	7.883	32.687	25.475	0.0248	6.418	4.1	86.3
20.0	6.776	32.698	25.636	0.0487	6.534	3.6	86.6
30.0	5.646	32.788	25.848	0.0706	6.577	2.8	87.1
40.0	5.357	32.841	25.923	0.0913	6.487	2.9	87.2
50.0	4.896	32.908	26.028	0.1113	6.446	3.6	85.5
60.0	4.532	32.942	26.095	0.1304	6.384	3.7	86.6
70.0	4.569	32.953	26.099	0.1491	6.317	3.6	86.6
80.0	4.591	32.957	26.100	0.1678	6.281	3.6	86.6
90.0	4.575	32.965	26.108	0.1865	6.268	3.6	86.6
100.0	4.550	32.968	26.113	0.2052	6.259	3.5	86.7
110.0	4.535	32.969	26.116	0.2238	6.250	3.7	86.7
120.0	4.503	32.970	26.120	0.2424	6.227	3.7	86.8
124.0	4.498	32.970	26.120	0.2498	6.222	3.7	86.8



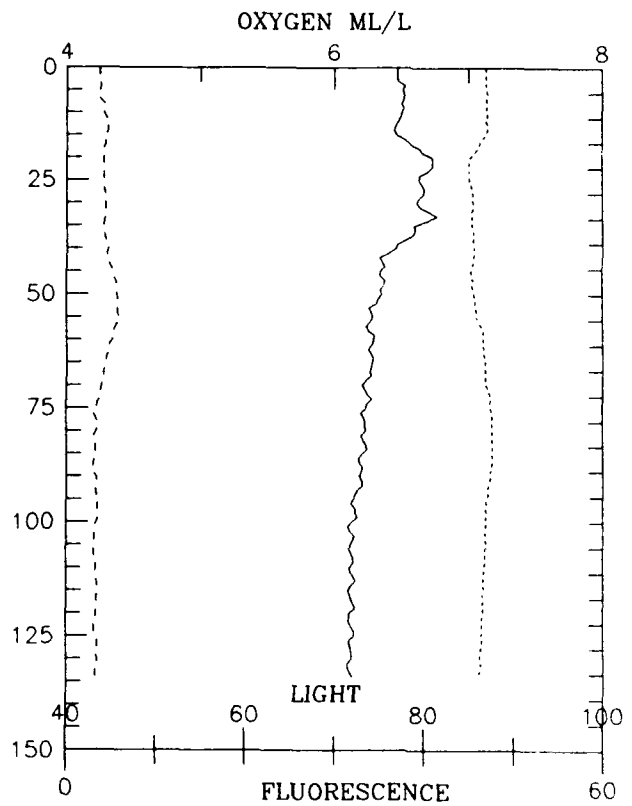
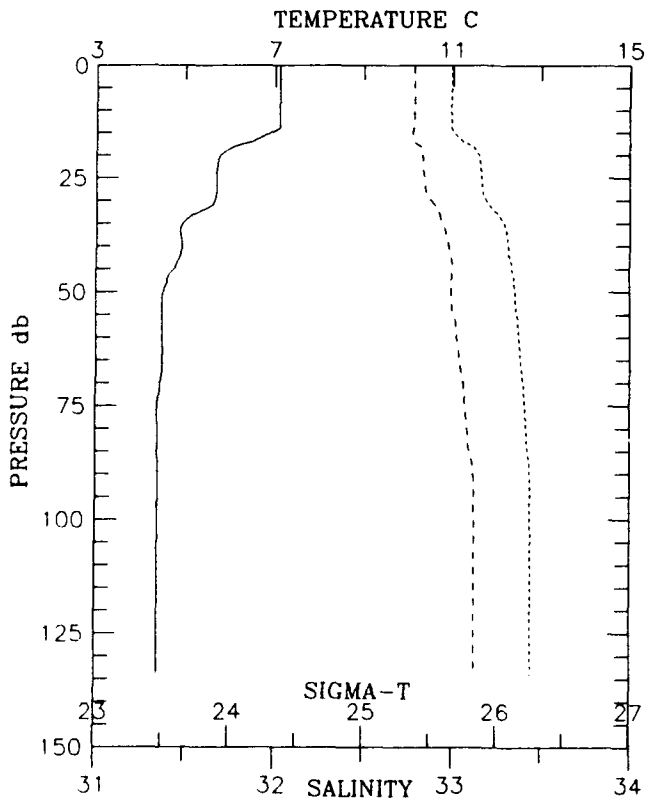
Cruise EN196 Consecutive Station # 3 Depth m:1.3 Time: 1989-05-19 04:09
 Position: 41° 22.24'N 69° 4.74'W Depth Deck Offset: -0.10 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)	
0.0	E	7.489	32.707	25.546	0.0000	6.579	4.5	86.1
10.0		7.492	32.705	25.544	0.0240	6.461	4.2	86.2
20.0		7.473	32.706	25.548	0.0480	6.579	4.5	86.1
30.0		7.038	32.743	25.636	0.0718	6.661	5.1	85.8
40.0		5.994	32.821	25.832	0.0939	6.940	4.4	85.7
50.0		5.257	32.871	25.959	0.1147	6.799	4.3	84.4
60.0		4.873	32.901	26.026	0.1344	6.516	3.6	85.0
70.0		4.589	32.944	26.090	0.1535	6.400	3.8	86.5
80.0		4.336	32.988	26.152	0.1720	6.313	4.4	87.3
90.0		4.324	33.026	26.183	0.1901	6.292	4.1	87.5
100.0		4.337	33.041	26.194	0.2080	6.225	3.4	87.5
110.0		4.415	33.077	26.215	0.2258	6.176	3.5	87.4
120.0		4.417	33.089	26.224	0.2434	6.152	3.3	87.2
130.0		4.426	33.099	26.231	0.2610	6.146	3.2	87.0
140.0		4.430	33.107	26.237	0.2785	6.128	3.6	86.9
150.0		4.437	33.121	26.247	0.2959	6.088	3.3	86.8
157.0		4.438	33.124	26.249	0.3081	6.076	3.9	86.4



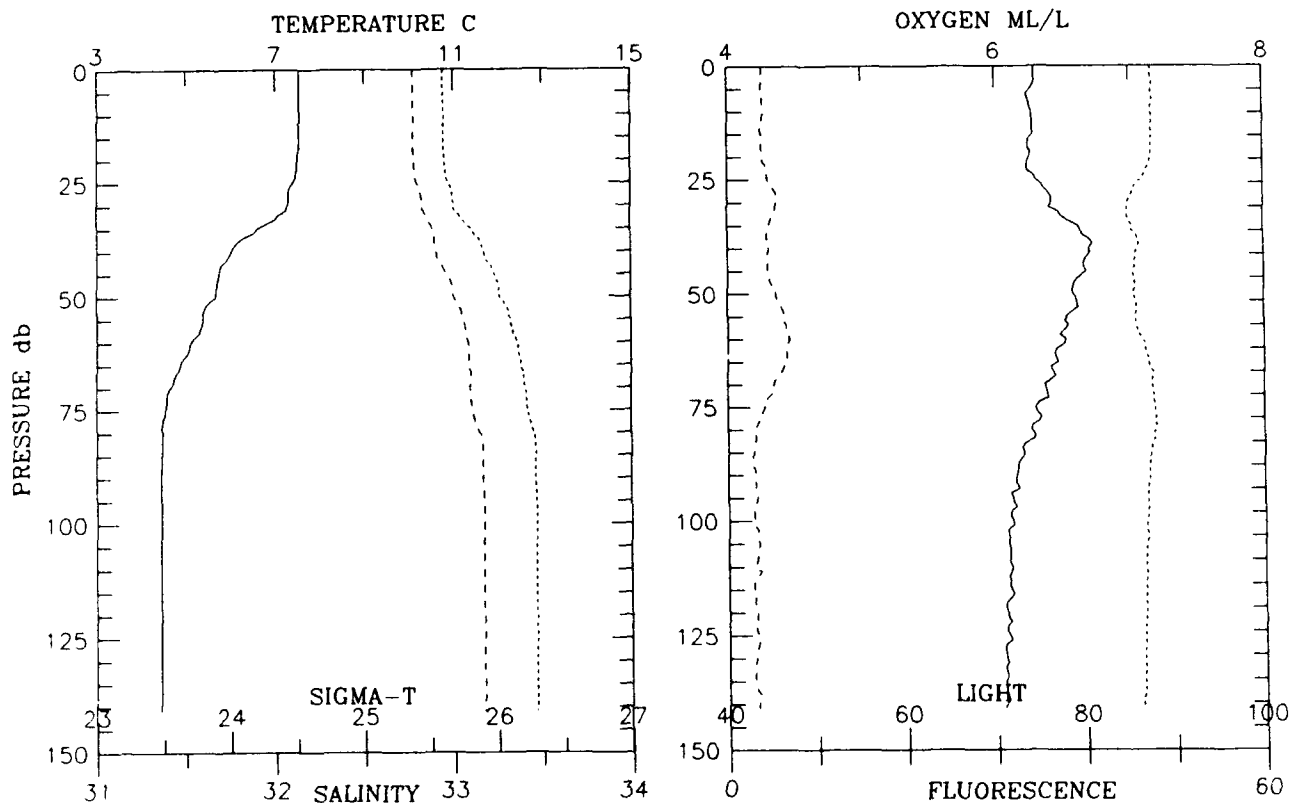
Cruise EN196 Consecutive Station # 4 Depth m:142 Time: 1989-05-19 05:56
 Position: 41° 19.90'W 69° 56.19'W Depth Deck Offset: -0.10 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	7.109	32.782	25.657	0.0000	6.471	3.7	87.0
10.0		7.110	32.781	25.656	0.0229	6.508	4.2	87.1
20.0		5.784	32.832	25.866	0.0453	6.733	4.2	85.2
30.0		5.658	32.876	25.916	0.0660	6.611	4.3	85.5
40.0		4.910	32.975	26.080	0.0854	6.455	4.6	85.6
50.0		4.508	32.995	26.139	0.1040	6.356	5.6	85.6
60.0		4.489	33.024	26.165	0.1222	6.292	5.1	86.6
70.0		4.447	33.062	26.199	0.1402	6.211	3.9	87.0
80.0		4.392	33.085	26.223	0.1579	6.233	3.3	87.6
90.0		4.395	33.116	26.248	0.1753	6.185	3.3	87.4
100.0		4.404	33.124	26.253	0.1926	6.128	3.4	86.9
110.0		4.404	33.125	26.254	0.2099	6.115	3.3	86.7
120.0		4.402	33.125	26.254	0.2272	6.112	3.3	86.6
130.0		4.400	33.125	26.254	0.2445	6.130	3.5	86.2
134.0		4.399	33.125	26.254	0.2515	6.133	3.2	86.0



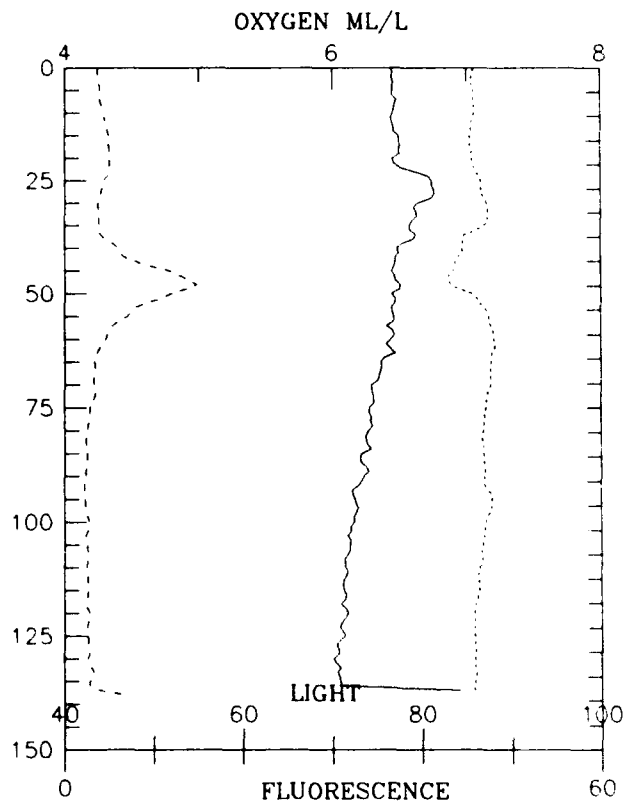
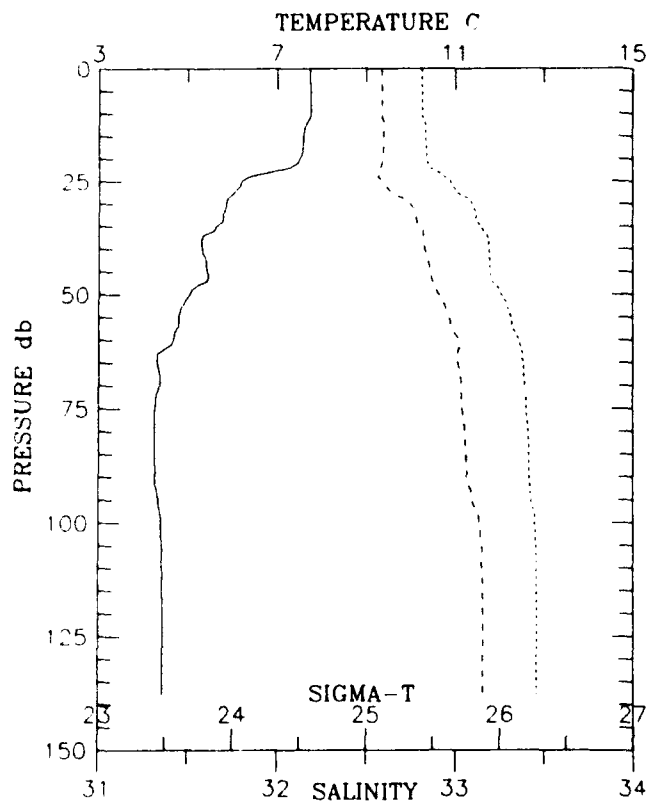
Cruise EN196 Consecutive Station # 5 Depth m:145 Time: 1989-05-19 11:24
 Position: 41° 25.60'N 69° 51.75'W Depth Deck Offset: -0.25 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)	
0.0	E	7.549	32.777	25.593	0.0000	6.296	3.9	87.5
10.0		7.537	32.776	25.594	0.0235	6.278	4.0	87.5
20.0		7.495	32.780	25.602	0.0471	6.260	4.0	87.3
30.0		7.284	32.826	25.668	0.0703	6.417	5.4	84.8
40.0		6.012	32.901	25.893	0.0920	6.695	4.6	85.8
50.0		5.668	33.001	26.014	0.1120	6.581	5.4	85.4
60.0		5.093	33.082	26.144	0.1308	6.519	6.9	86.4
70.0		4.653	33.093	26.202	0.1489	6.366	5.1	87.5
80.0		4.468	33.148	26.265	0.1664	6.265	3.1	87.8
90.0		4.451	33.166	26.281	0.1834	6.153	3.0	87.1
100.0		4.442	33.169	26.285	0.2004	6.118	2.9	86.7
110.0		4.439	33.169	26.285	0.2174	6.112	3.0	86.6
120.0		4.437	33.170	26.286	0.2344	6.075	3.1	86.6
130.0		4.439	33.170	26.286	0.2514	6.063	3.0	86.4
140.0		4.441	33.171	26.286	0.2685	6.065	3.2	86.2
141.0		4.442	33.171	26.286	0.2702	6.053	3.3	86.2



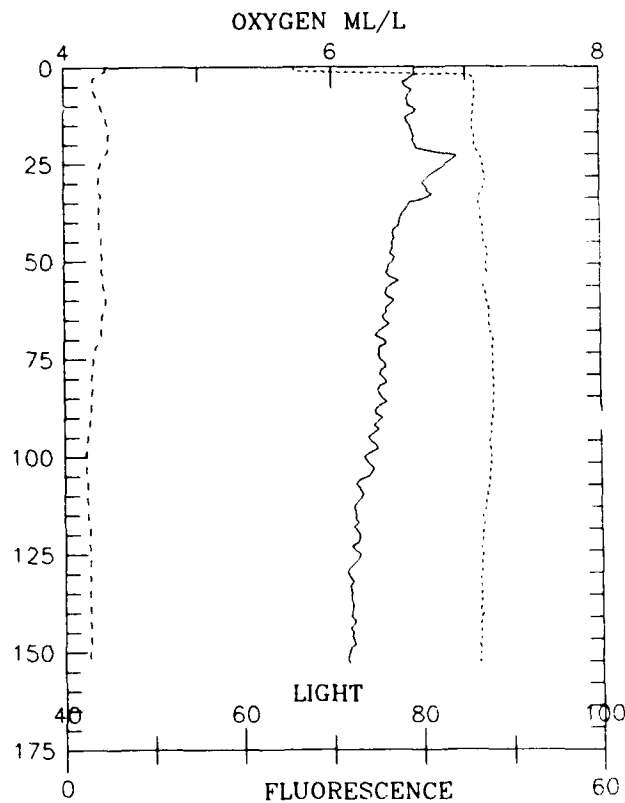
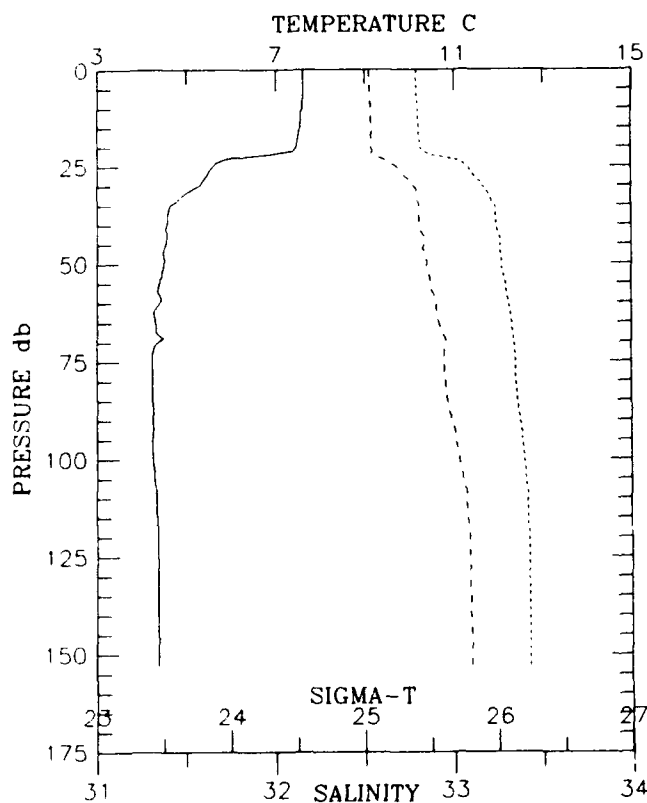
Cruise EN196 Consecutive Station # 6 Depth m:145 Time: 1989-05-19 13:58
 Position: 41° 28.54'N 69° 5.19'W Depth Deck Offset: -0.25 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 7.736	32.587	25.417	0.0000	6.444	3.7	85.7
10.0	7.738	32.587	25.417	0.0252	6.447	4.3	85.8
20.0	7.498	32.591	25.453	0.0502	6.448	5.0	85.6
30.0	5.849	32.744	25.789	0.0736	6.631	3.7	87.2
40.0	5.311	32.828	25.919	0.0946	6.482	6.0	84.5
50.0	5.033	32.903	26.009	0.1148	6.438	11.9	85.7
60.0	4.677	33.021	26.142	0.1337	6.432	4.6	88.0
70.0	4.369	33.031	26.183	0.1518	6.285	3.2	87.6
80.0	4.251	33.053	26.212	0.1696	6.268	2.5	86.8
90.0	4.263	33.064	26.220	0.1872	6.231	2.3	86.9
100.0	4.392	33.133	26.261	0.2046	6.160	2.7	87.1
110.0	4.432	33.152	26.272	0.2218	6.098	2.5	86.4
120.0	4.438	33.156	26.275	0.2389	6.111	2.8	85.8
130.0	4.438	33.155	26.274	0.2560	6.007	2.6	85.9
138.0	4.437	33.155	26.274	0.2697	15.152	6.9	86.2



Cruise EN196 Consecutive Station # 7 Depth m:165 Time: 1989-05-19 15:15
 Position: 41° 28.63'N 69° 10.05'W Depth Deck Offset: -0.25 Fish 1

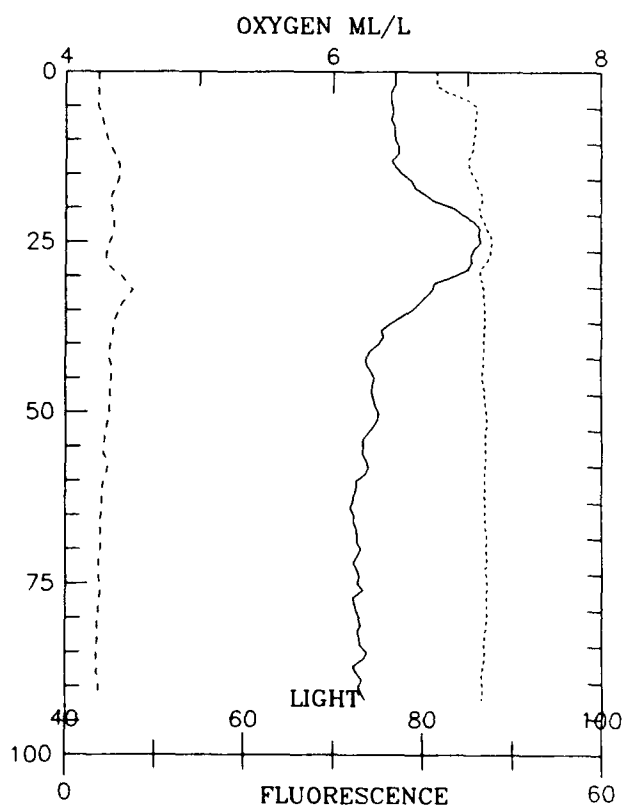
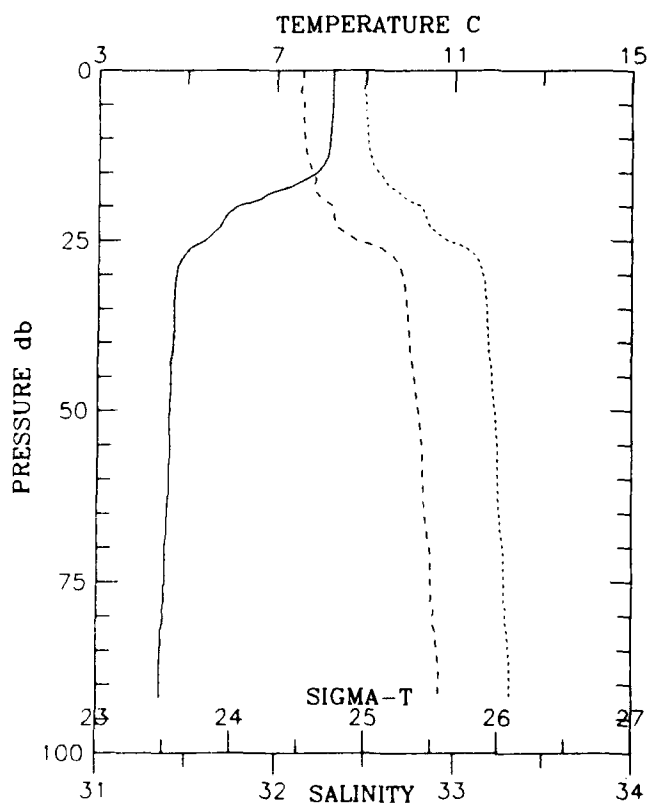
PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	7.619	32.525	25.385	0.0000	6.620	4.7	65.9
10.0		7.582	32.532	25.395	0.0255	6.575	4.1	85.9
20.0		7.463	32.537	25.417	0.0508	6.626	5.1	86.0
30.0		5.299	32.773	25.876	0.0733	6.677	3.8	87.1
40.0		4.562	32.803	25.982	0.0934	6.499	3.9	86.7
50.0		4.507	32.850	26.025	0.1129	6.454	4.2	87.2
60.0		4.400	32.904	26.079	0.1321	6.460	4.6	87.2
70.0		4.375	32.954	26.121	0.1509	6.381	4.0	87.9
80.0		4.237	32.953	26.134	0.1693	6.386	3.0	88.0
90.0		4.255	32.991	26.162	0.1876	6.364	2.9	87.8
100.0		4.250	33.030	26.194	0.2056	6.235	2.4	87.7
110.0		4.340	33.075	26.220	0.2233	6.222	2.5	87.2
120.0		4.363	33.086	26.227	0.2409	6.191	2.7	86.6
130.0		4.368	33.088	26.228	0.2585	6.108	2.7	86.4
140.0		4.369	33.091	26.230	0.2760	6.131	2.8	86.6
150.0		4.378	33.098	26.235	0.2935	6.118	2.7	86.3
153.0		4.379	33.100	26.236	0.2988	6.119	2.7	86.2



Cruise EN196 Consecutive Station # 8 Depth m:95 Time: 1989-05-19 16:57
 Position: 41° 28.60'N 69° 17.93'W Depth Deck Offset: -0.25 Fish 1

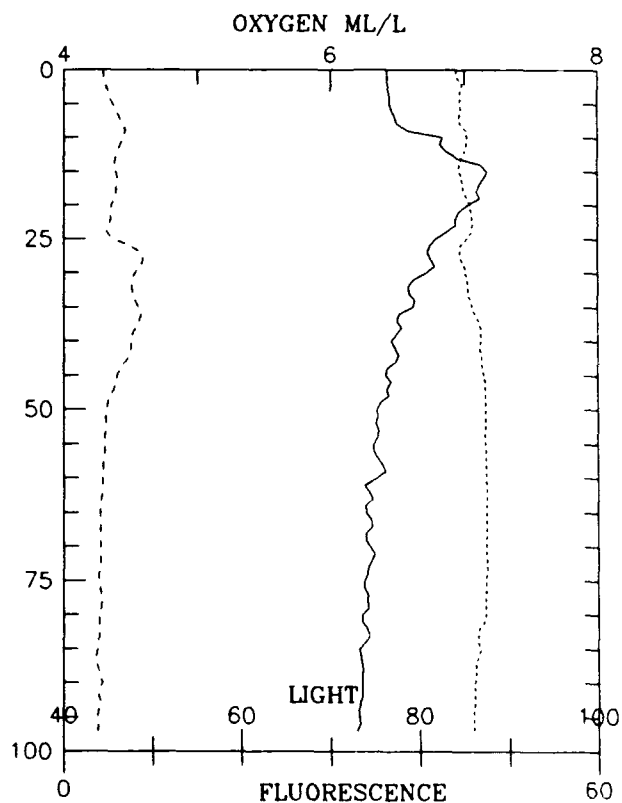
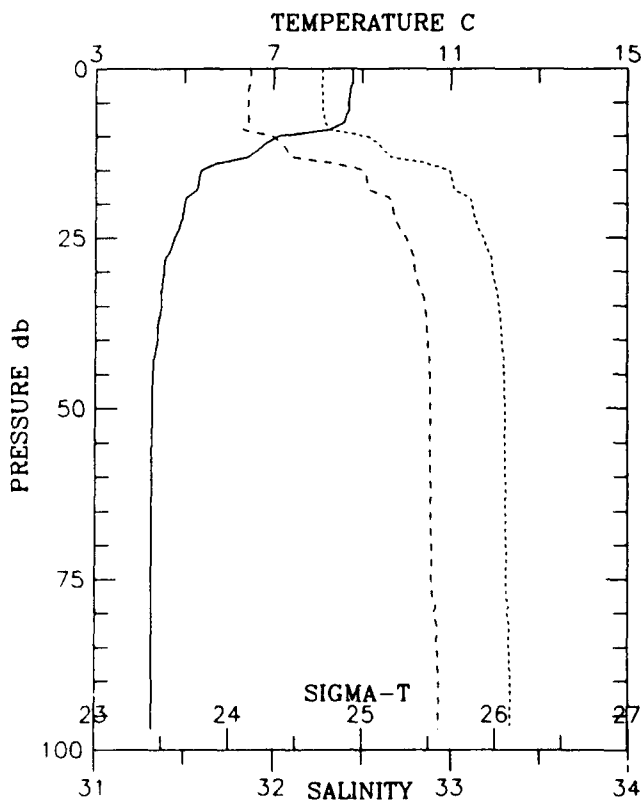
PRESSURE Interp TEMP SALINITY SIGMA-T DELTA-D OXYGEN CHANNELA CHANNELB
 (d-bars) (deg C) (0/00)

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	8.255	32.143	24.994	0.0000	6.461	3.7	81.6
5.0		8.260	32.150	24.999	0.0146	6.444	3.6	86.0
10.0		8.179	32.153	25.013	0.0292	6.463	4.7	85.7
15.0		7.887	32.202	25.094	0.0436	6.517	6.1	85.6
20.0		6.129	32.314	25.415	0.0571	6.888	5.1	86.3
25.0		5.386	32.451	25.612	0.0694	7.095	4.9	87.7
30.0		4.761	32.705	25.882	0.0802	6.900	6.3	86.5
35.0		4.709	32.734	25.911	0.0905	6.583	5.9	86.9
40.0		4.694	32.748	25.923	0.1007	6.342	5.0	86.8
45.0		4.649	32.775	25.950	0.1108	6.306	5.1	86.7
50.0		4.617	32.798	25.972	0.1208	6.338	4.9	87.1
55.0		4.614	32.816	25.987	0.1308	6.218	4.2	87.0
60.0		4.604	32.824	25.994	0.1406	6.169	4.2	86.9
65.0		4.574	32.838	26.008	0.1505	6.159	4.0	86.9
70.0		4.520	32.864	26.034	0.1602	6.206	3.9	87.0
75.0		4.510	32.868	26.039	0.1699	6.175	3.8	87.1
80.0		4.484	32.880	26.051	0.1795	6.192	3.6	87.1
85.0		4.432	32.906	26.077	0.1890	6.247	3.5	86.9
90.0		4.411	32.916	26.087	0.1985	6.188	3.7	86.6
92.0		4.412	32.915	26.086	0.2022	6.235	3.5	86.5



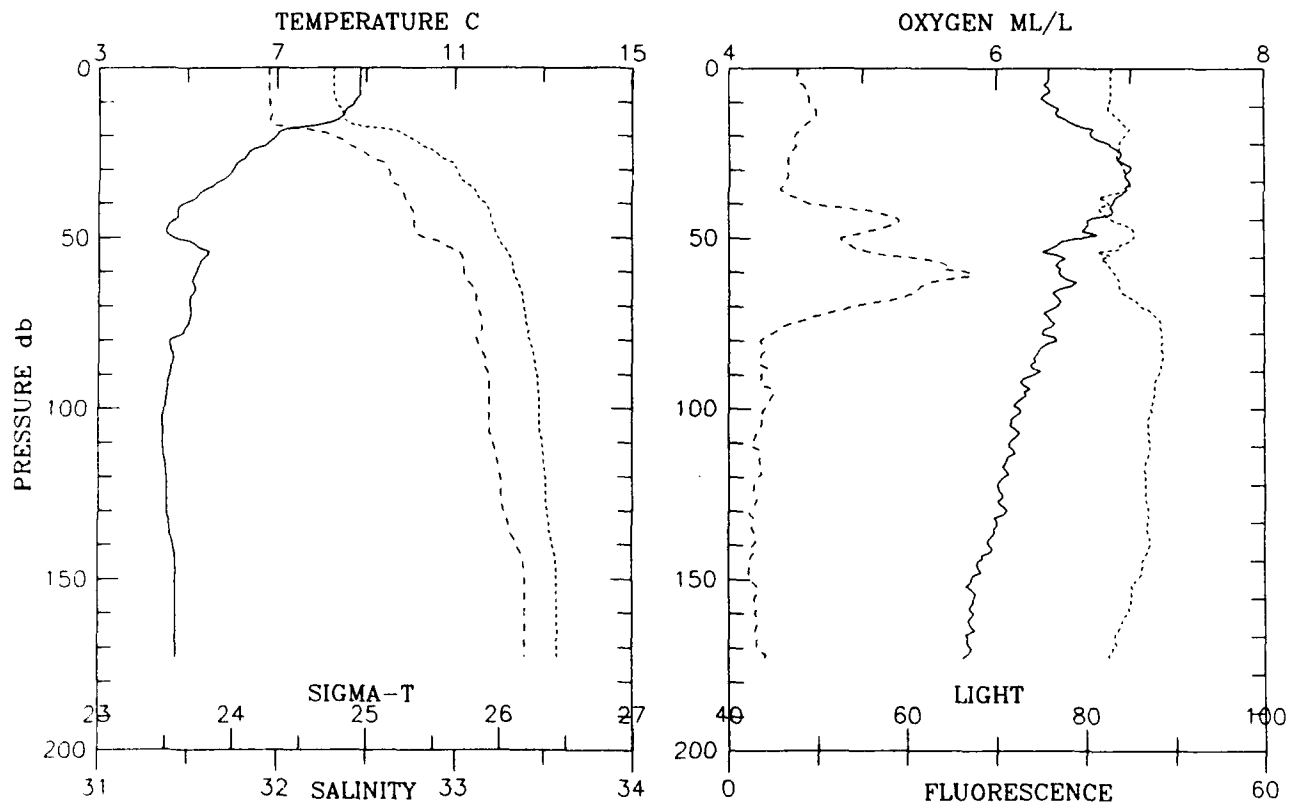
Cruise EN196 Consecutive Station # 9 Depth m:102 Time: 1989-05-19 18:51
 Position: 41° 34.17'N 69° 22.65'W Depth Deck Offset: -0.25 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%light)	CHANNELB (%light)
0.0	E	8.786	31.869	24.700	0.0000	6.421	4.4	84.1
5.0		8.698	31.858	24.705	0.0160	6.441	5.5	84.5
10.0		7.102	31.994	25.038	0.0318	6.837	6.6	85.3
15.0		5.379	32.507	25.657	0.0451	7.170	5.9	84.5
20.0		5.003	32.668	25.827	0.0563	7.027	5.3	85.6
25.0		4.776	32.751	25.917	0.0668	6.787	5.5	85.2
30.0		4.540	32.798	25.980	0.0768	6.715	8.0	85.1
35.0		4.484	32.858	26.033	0.0866	6.617	8.4	85.9
40.0		4.404	32.869	26.050	0.0962	6.452	7.5	86.8
45.0		4.301	32.884	26.073	0.1057	6.411	6.0	87.2
50.0		4.283	32.885	26.075	0.1152	6.345	4.8	87.3
55.0		4.280	32.885	26.076	0.1246	6.320	4.7	87.3
60.0		4.266	32.886	26.078	0.1341	6.343	4.3	87.4
65.0		4.262	32.889	26.080	0.1435	6.268	4.1	87.5
70.0		4.262	32.891	26.082	0.1530	6.294	4.1	87.4
75.0		4.263	32.894	26.084	0.1624	6.251	4.0	87.4
80.0		4.264	32.901	26.090	0.1718	6.234	4.0	87.3
85.0		4.272	32.924	26.107	0.1812	6.217	3.8	86.8
90.0		4.277	32.932	26.113	0.1905	6.233	4.3	86.1
95.0		4.277	32.933	26.114	0.1998	6.217	3.8	86.0
97.0		4.277	32.933	26.114	0.2035	6.193	3.8	86.0



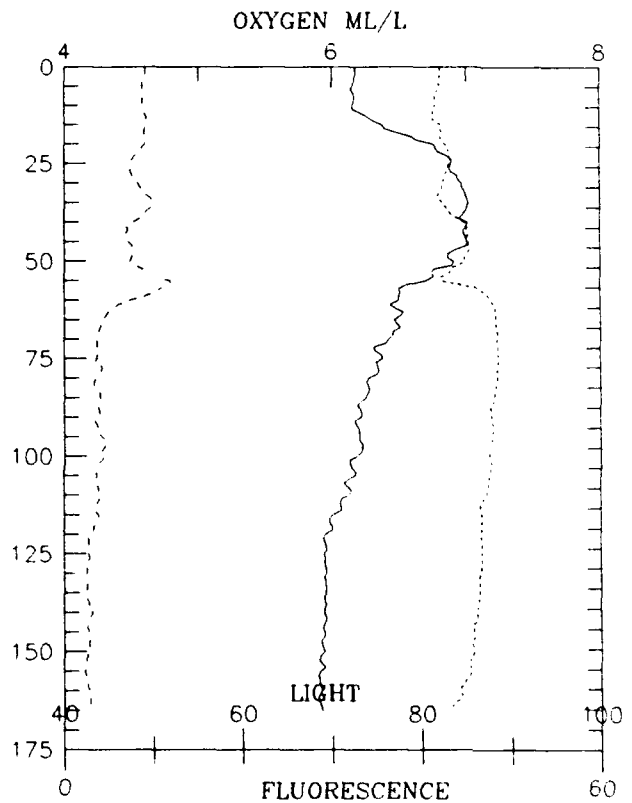
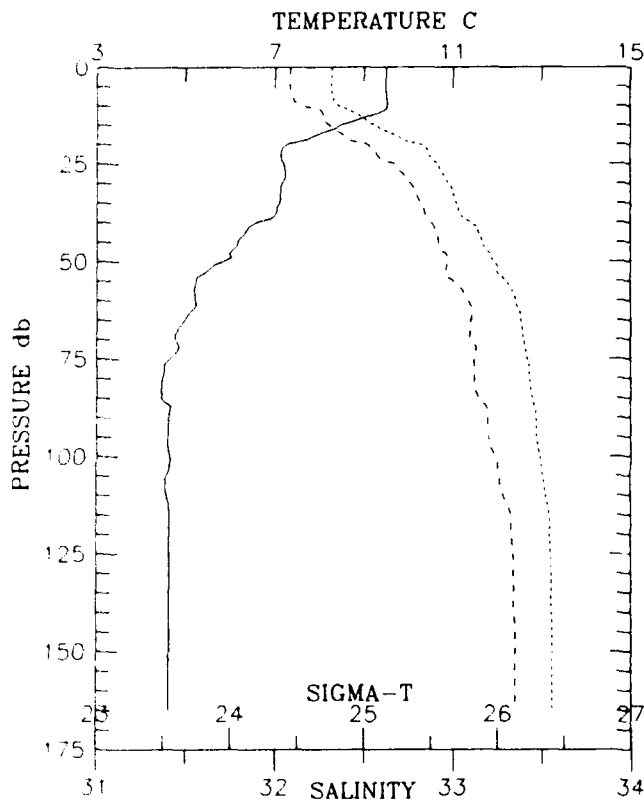
Cruise EN196 Consecutive Station # 10 Depth m:178 Time: 1989-05-19 21:17
 Position: 41° 37.27'N 69° 13.17'W Depth Deck Offset: -0.25 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 8.859	31.955	24.757	0.0000	6.389	7.7	82.8
10.0	8.735	31.958	24.777	0.0315	6.372	9.0	82.7
20.0	6.993	32.303	25.296	0.0614	6.702	7.4	84.3
30.0	6.007	32.622	25.673	0.0858	6.994	6.4	84.3
40.0	4.928	32.743	25.894	0.1076	6.868	9.1	82.7
50.0	4.652	32.822	25.987	0.1278	6.624	12.6	85.3
60.0	5.193	33.049	26.107	0.1469	6.469	27.3	83.1
70.0	5.056	33.127	26.184	0.1651	6.451	13.9	86.2
80.0	4.608	33.125	26.232	0.1829	6.448	3.5	88.6
90.0	4.599	33.192	26.286	0.2001	6.275	3.6	88.1
100.0	4.468	33.192	26.300	0.2170	6.171	4.0	87.2
110.0	4.444	33.218	26.323	0.2338	6.091	2.7	87.1
120.0	4.529	33.257	26.345	0.2503	6.051	3.2	86.6
130.0	4.534	33.271	26.356	0.2667	6.072	2.3	86.9
140.0	4.692	33.349	26.401	0.2829	5.942	2.7	87.1
150.0	4.743	33.394	26.431	0.2987	5.811	2.4	85.7
160.0	4.741	33.395	26.432	0.3143	5.827	2.9	84.6
170.0	4.744	33.396	26.433	0.3300	5.806	3.1	83.0
173.0	4.744	33.396	26.433	0.3347	5.744	4.0	82.5



Cruise EN196 Consecutive Station # 11 Depth m:170 Time: 1989-05-19 22:38
 Position: 41° 40.54'N 69° 4.39'W Depth Deck Offset: -0.33 Fish 1

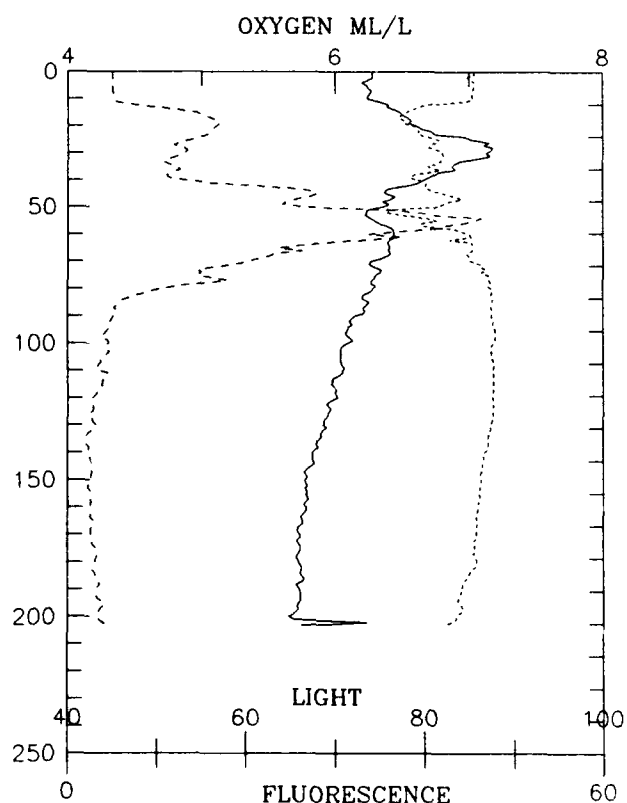
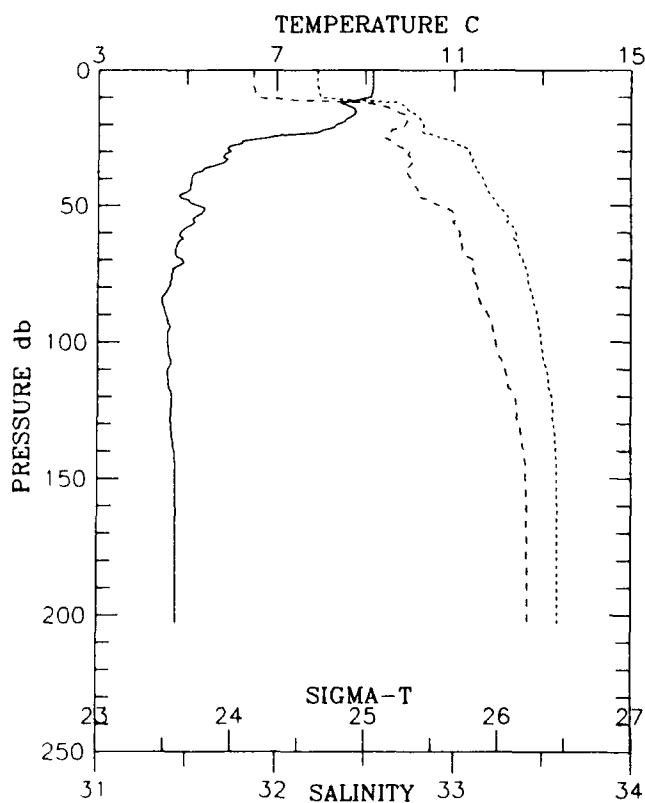
PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.492	32.084	24.759	0.0000	6.175	9.1	82.1
10.0		9.526	32.151	24.806	0.0315	6.154	8.8	81.6
20.0		7.282	32.514	25.423	0.0598	6.750	9.0	82.6
30.0		7.148	32.758	25.634	0.0839	6.966	8.3	82.3
40.0		6.588	32.875	25.800	0.1065	7.012	7.7	84.8
50.0		5.825	32.968	25.969	0.1273	6.903	7.3	84.8
60.0		5.210	33.086	26.135	0.1464	6.495	7.3	87.7
70.0		4.769	33.098	26.193	0.1645	6.418	3.7	88.4
80.0		4.473	33.118	26.241	0.1821	6.268	3.5	88.4
90.0		4.623	33.196	26.287	0.1993	6.214	3.8	87.8
100.0		4.637	33.232	26.314	0.2162	6.181	4.4	87.5
110.0		4.570	33.282	26.361	0.2326	6.117	4.3	87.2
120.0		4.641	33.329	26.390	0.2487	5.949	2.8	86.6
130.0		4.630	33.338	26.399	0.2647	5.952	2.5	86.5
140.0		4.628	33.342	26.402	0.2806	5.941	3.2	86.2
150.0		4.626	33.345	26.405	0.2966	5.939	2.7	85.7
160.0		4.625	33.346	26.406	0.3125	5.921	2.9	84.3
165.0		4.625	33.346	26.406	0.3204	5.926	2.8	83.0



Cruise EN196 Consecutive Station # 12 Depth m:209 Time: 1989-05-20 00:58
 Position: 41° 49.08'N 69° 10.62'W Depth Deck Offset: -0.33 Fish 1

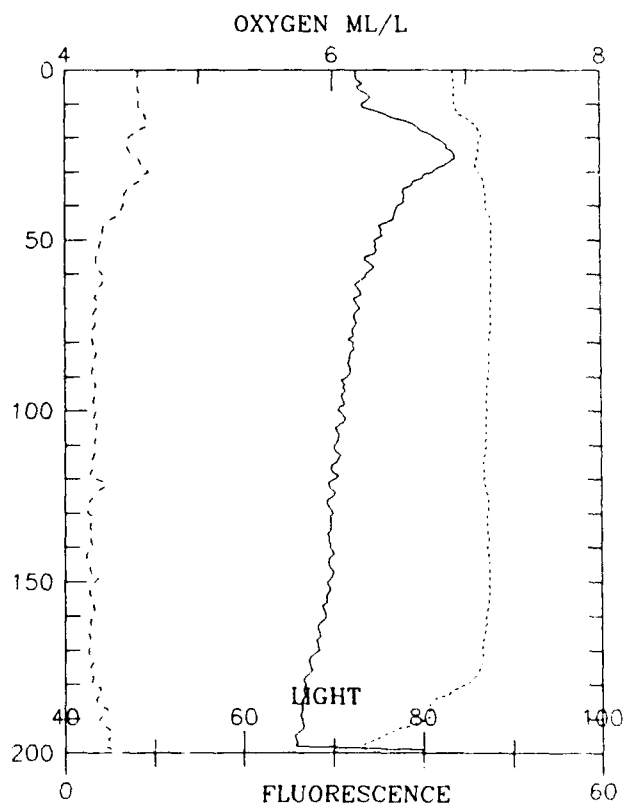
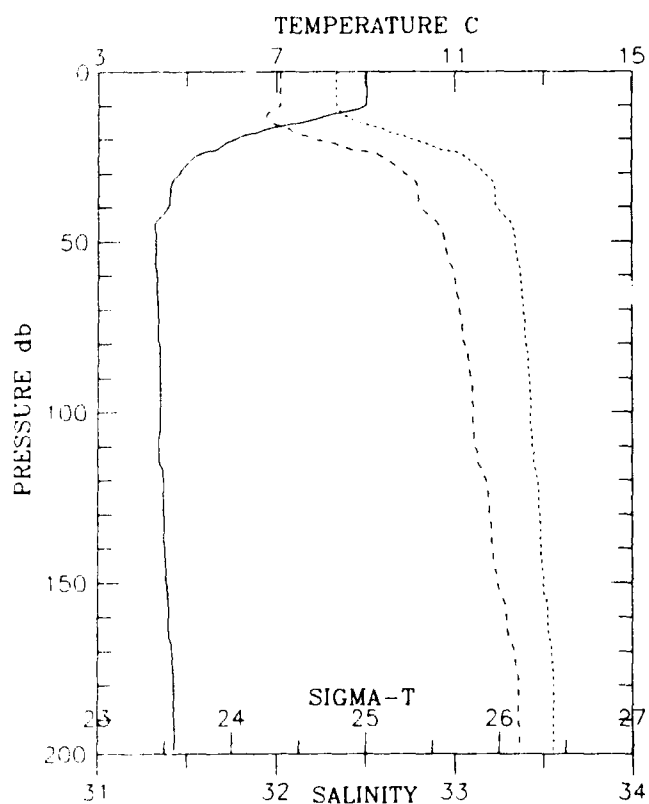
PRESSURE Interp TEMP SALINITY SIGMA-T DELTA-D OXYGEN CHANNELA CHANNELB
 (d-bars) (deg C) (0/00)

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.174	31.869	24.641	0.0000	6.277	5.0	85.6
10.0		9.124	31.884	24.661	0.0326	6.240	5.2	85.4
20.0		8.346	32.721	25.433	0.0592	6.605	16.7	78.8
30.0		5.968	32.752	25.781	0.0829	7.127	13.1	82.0
40.0		5.101	32.757	25.886	0.1042	6.663	13.0	79.4
50.0		5.231	32.918	25.999	0.1245	6.355	27.4	81.2
60.0		4.843	33.034	26.134	0.1435	6.439	33.7	85.0
70.0		4.898	33.105	26.184	0.1617	6.262	20.2	85.2
80.0		4.607	33.135	26.240	0.1794	6.284	10.5	87.5
90.0		4.530	33.194	26.295	0.1965	6.146	5.1	87.5
100.0		4.572	33.238	26.325	0.2133	6.089	4.6	87.6
110.0		4.581	33.290	26.366	0.2298	6.052	3.4	87.7
120.0		4.663	33.346	26.401	0.2459	6.017	2.8	87.6
130.0		4.664	33.371	26.421	0.2617	5.912	3.2	87.4
140.0		4.738	33.399	26.435	0.2774	5.831	2.6	86.6
150.0		4.754	33.407	26.440	0.2930	5.775	2.5	86.3
160.0		4.756	33.411	26.443	0.3086	5.785	2.5	86.0
170.0		4.757	33.412	26.444	0.3242	5.740	2.6	85.8
180.0		4.760	33.414	26.445	0.3397	5.730	3.1	85.8
190.0		4.764	33.415	26.445	0.3553	5.732	3.2	84.0
200.0		4.764	33.415	26.445	0.3709	5.652	3.6	83.6
203.0		4.763	33.415	26.445	0.3755	5.742	4.4	82.2



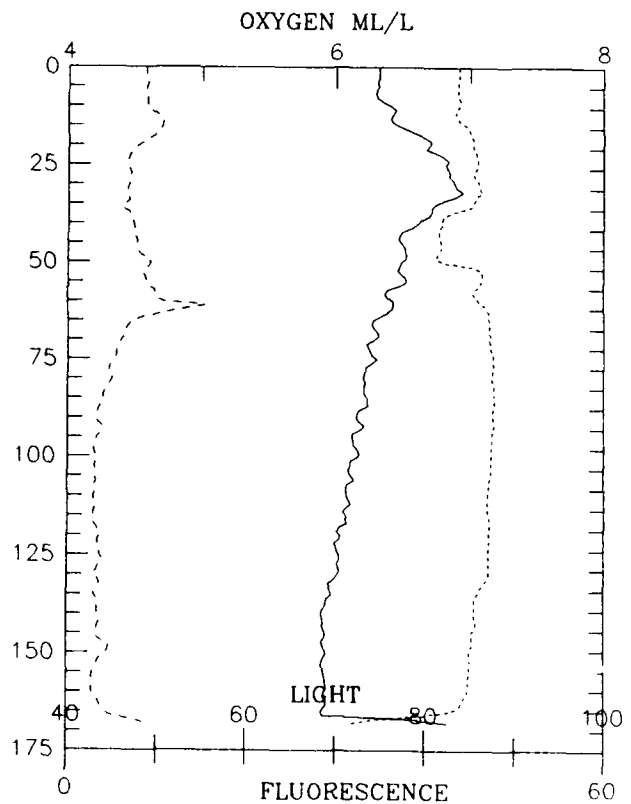
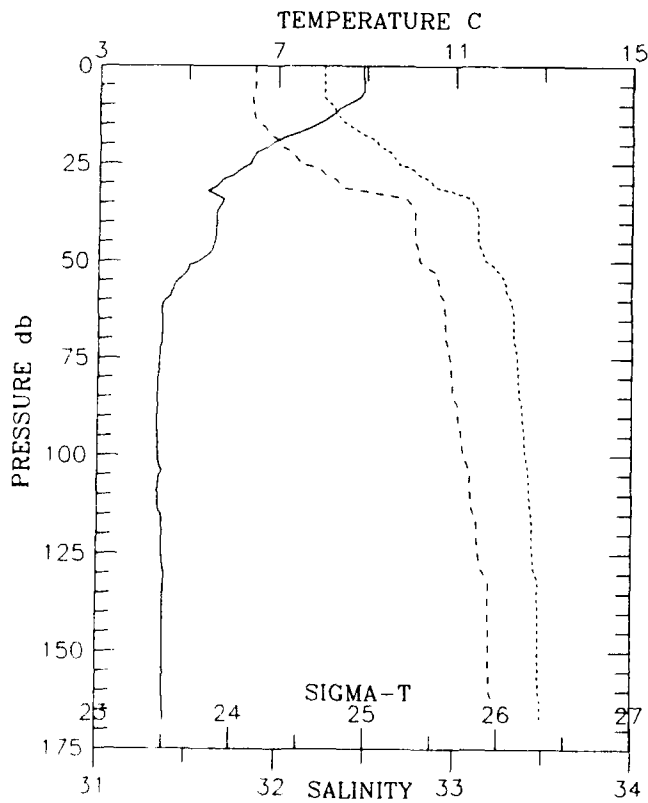
Cruise EN196 Consecutive Station # 13 Depth m:205 Time: 1989-05-20 00:04
 Position: 41° 49.08'N 69° 10.62'W Depth Deck Offset: -0.33 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 9.019	32.022	24.784	0.0000	6.176	8.2	83.5
10.0	9.005	32.019	24.784	0.0313	6.218	8.3	83.7
20.0	6.086	32.215	25.343	0.0604	6.768	7.2	86.6
30.0	4.827	32.719	25.886	0.0831	6.746	9.4	86.3
40.0	4.581	32.810	25.985	0.1031	6.492	6.6	87.1
50.0	4.299	32.943	26.120	0.1220	6.310	4.0	87.7
60.0	4.318	32.997	26.161	0.1404	6.250	4.2	87.6
70.0	4.337	33.026	26.182	0.1584	6.207	3.5	87.6
80.0	4.367	33.056	26.203	0.1762	6.157	3.1	87.5
90.0	4.400	33.092	26.227	0.1938	6.104	3.0	87.3
100.0	4.403	33.103	26.236	0.2113	6.038	3.5	87.2
110.0	4.354	33.109	26.246	0.2287	6.013	3.3	87.1
120.0	4.473	33.176	26.286	0.2459	6.014	3.5	86.8
130.0	4.473	33.196	26.302	0.2628	6.001	2.5	87.2
140.0	4.499	33.213	26.313	0.2796	5.978	2.9	87.2
150.0	4.546	33.242	26.331	0.2963	5.959	3.3	87.4
160.0	4.583	33.289	26.365	0.3127	5.944	2.9	87.0
170.0	4.661	33.333	26.391	0.3290	5.892	2.6	86.6
180.0	4.711	33.359	26.407	0.3449	5.798	2.9	84.8
190.0	4.713	33.360	26.407	0.3609	5.769	3.8	80.5
199.0	4.717	33.361	26.407	0.3752	6.662	5.2	73.5



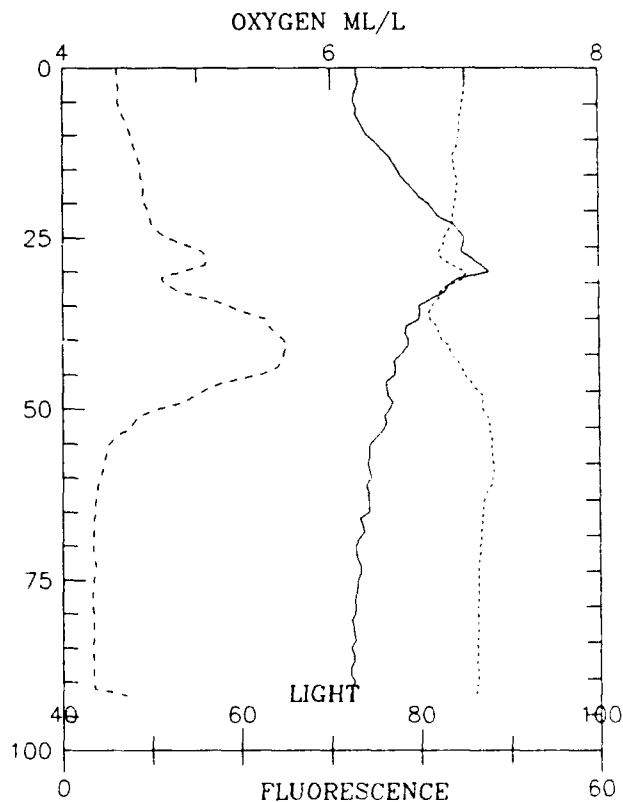
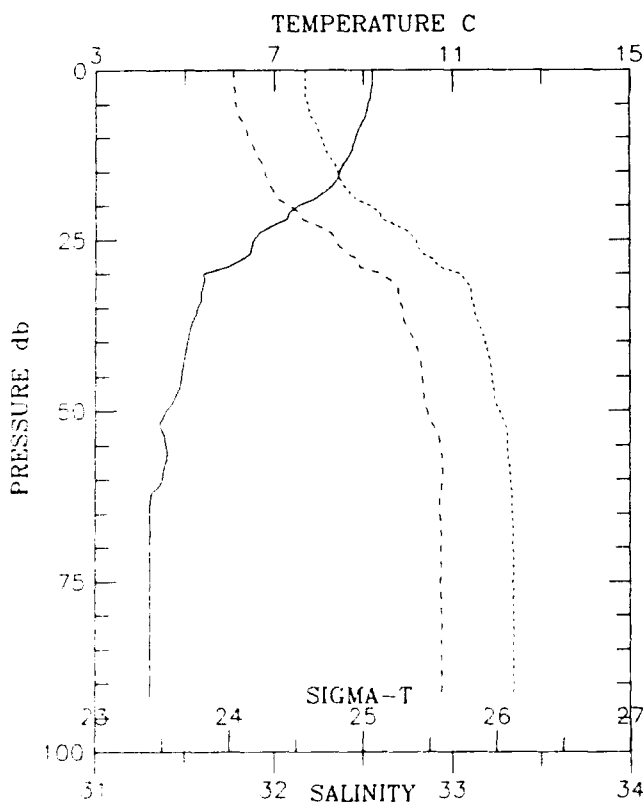
Cruise EN196 Consecutive Station # 14 Depth m:175 Time: 1989-05-20 04:49
 Position: 41° 42.14'N 69° 23.26'W Depth Deck Offset: -0.33 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	8.913	31.870	24.682	0.0000	6.320	8.7	83.8
10.0		8.520	31.865	24.737	0.0322	6.409	8.9	83.8
20.0		6.844	32.005	25.081	0.0625	6.701	7.9	85.4
30.0		5.695	32.343	25.491	0.0890	6.890	6.8	86.0
40.0		5.629	32.773	25.838	0.1111	6.614	7.3	81.9
50.0		5.253	32.801	25.904	0.1321	6.488	9.3	82.1
60.0		4.510	32.943	26.098	0.1516	6.431	10.6	86.0
70.0		4.431	32.951	26.112	0.1702	6.285	6.0	87.2
80.0		4.355	32.986	26.148	0.1886	6.211	5.0	87.5
90.0		4.332	33.020	26.178	0.2067	6.157	3.3	87.6
100.0		4.349	33.053	26.202	0.2246	6.168	3.2	87.4
110.0		4.352	33.092	26.233	0.2422	6.086	2.9	87.0
120.0		4.457	33.132	26.253	0.2596	6.040	3.6	87.2
130.0		4.520	33.173	26.279	0.2768	6.015	2.9	87.1
140.0		4.496	33.198	26.302	0.2937	5.899	3.4	85.5
150.0		4.497	33.202	26.305	0.3106	5.932	4.4	85.0
160.0		4.495	33.205	26.307	0.3274	5.920	2.8	84.8
168.0		4.522	33.229	26.323	0.3408	6.839	9.1	71.9



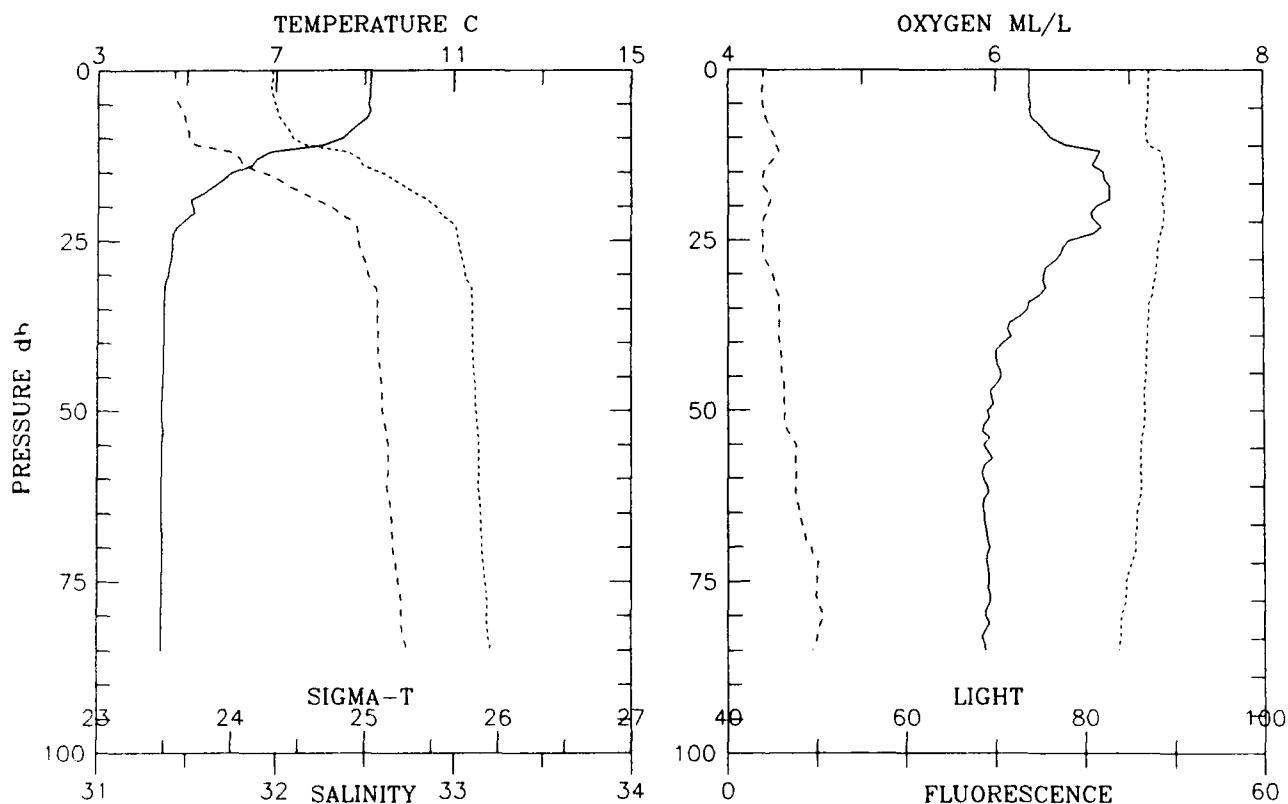
Cruise EN196 Consecutive Station # 15 Depth m:95 Time: 1989-05-20 06:52
 Position: 41° 39.30'N 69° 33.44'W Depth Deck Offset: -0.33 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.198	31.772	24.561	0.0000	6.196	6.1	85.1
5.0		9.110	31.787	24.587	0.0167	6.177	6.2	84.8
10.0		8.831	31.856	24.683	0.0330	6.275	7.6	84.3
15.0		8.477	31.948	24.809	0.0488	6.499	8.7	83.9
20.0		7.547	32.087	25.051	0.0640	6.733	9.2	83.9
25.0		6.542	32.348	25.390	0.0775	6.994	11.5	82.7
30.0		5.413	32.597	25.724	0.0897	7.178	13.2	85.1
35.0		5.293	32.721	25.836	0.1005	6.662	18.6	81.3
40.0		5.069	32.787	25.913	0.1110	6.573	24.7	82.4
45.0		4.929	32.831	25.964	0.1211	6.474	22.1	84.9
50.0		4.591	32.859	26.022	0.1310	6.436	10.8	87.0
55.0		4.582	32.931	26.081	0.1405	6.292	5.2	87.9
60.0		4.498	32.943	26.099	0.1499	6.297	4.2	88.0
65.0		4.223	32.930	26.117	0.1592	6.283	3.6	87.0
70.0		4.227	32.936	26.122	0.1685	6.187	3.4	86.6
75.0		4.227	32.930	26.117	0.1777	6.195	3.4	86.4
80.0		4.227	32.939	26.124	0.1870	6.175	3.4	86.3
85.0		4.227	32.939	26.124	0.1962	6.146	3.4	86.3
90.0		4.226	32.939	26.124	0.2055	6.169	3.4	86.3
92.0		4.226	32.936	26.122	0.2092	20.148	7.2	86.1



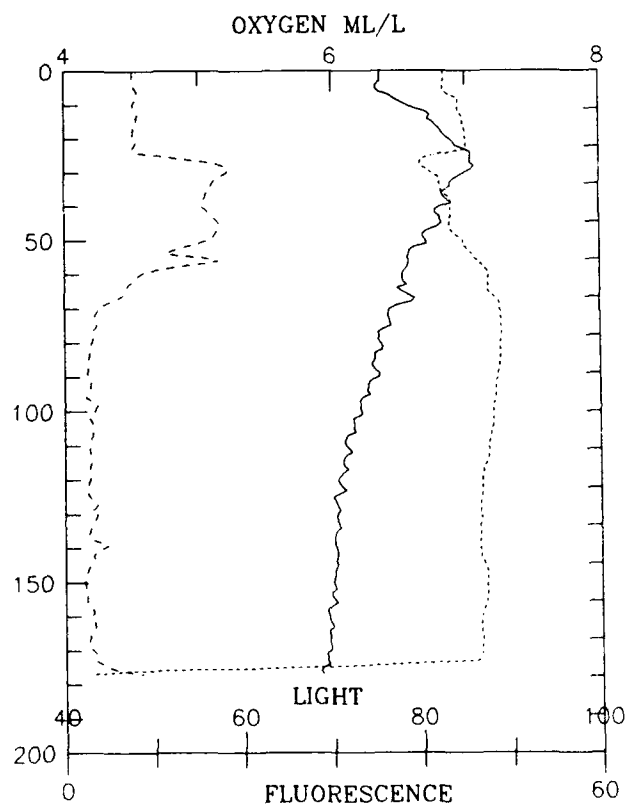
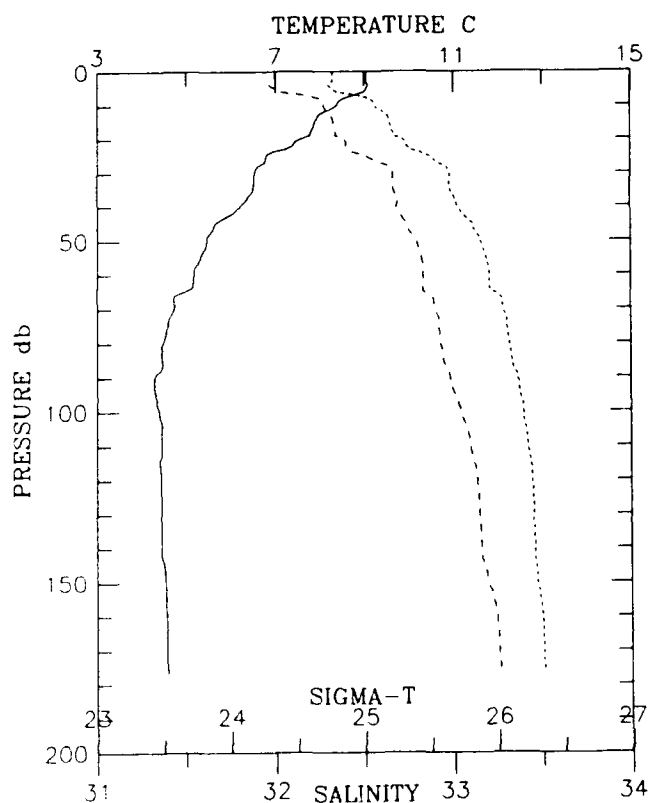
Cruise EN196 Consecutive Station # 16 Depth m:90 Time: 1989-05-20 09:50
 Position: 41° 45.69'N 69° 46.52'W Depth Deck Offset: -0.25 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.133	31.429	24.303	0.0000	6.252	3.9	87.2
5.0		9.092	31.457	24.331	0.0179	6.267	3.9	87.2
10.0		8.498	31.509	24.461	0.0354	6.411	5.3	86.9
15.0		6.007	31.927	25.124	0.0508	6.805	4.0	88.9
20.0		5.132	32.313	25.531	0.0638	6.750	4.5	88.8
25.0		4.676	32.463	25.699	0.0753	6.550	3.9	88.3
30.0		4.593	32.516	25.750	0.0865	6.361	5.0	87.9
35.0		4.486	32.569	25.803	0.0973	6.237	5.7	87.1
40.0		4.482	32.574	25.808	0.1080	6.057	5.7	86.9
45.0		4.468	32.592	25.823	0.1187	6.039	6.1	86.8
50.0		4.435	32.599	25.833	0.1294	5.939	6.4	86.7
55.0		4.448	32.629	25.855	0.1399	5.911	7.6	86.2
60.0		4.448	32.625	25.852	0.1504	5.906	7.6	86.2
65.0		4.449	32.648	25.871	0.1609	5.913	8.0	85.7
70.0		4.454	32.657	25.876	0.1714	5.955	9.3	85.6
75.0		4.449	32.686	25.901	0.1817	5.944	9.9	84.5
80.0		4.449	32.708	25.918	0.1920	5.926	10.9	84.0
85.0		4.436	32.740	25.945	0.2021	5.923	9.5	83.7



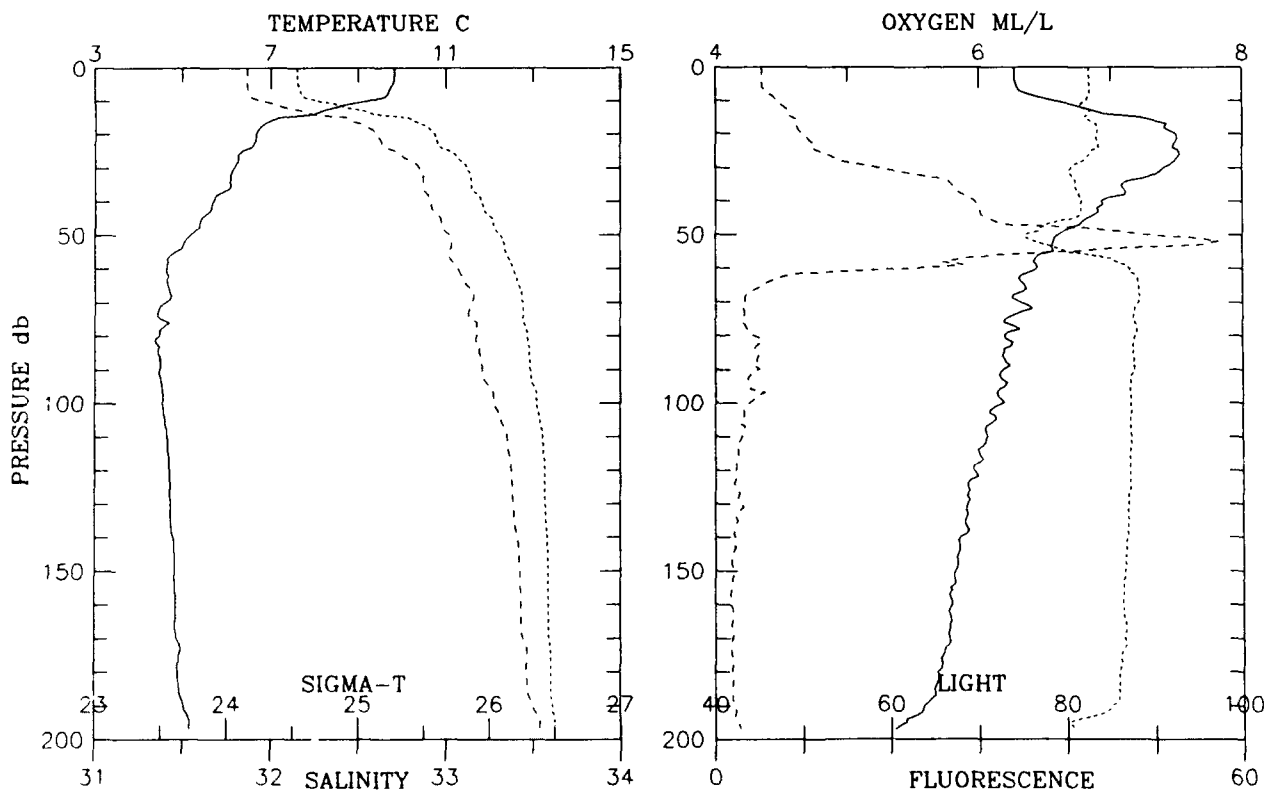
Cruise EN196 Consecutive Station # 17 Depth m:180 Time: 1989-05-20 11:55
 Position: 41° 49.25'N 69° 36.41'W Depth Deck Offset: -0.25 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 9.041	31.997	24.761	0.0000	6.364	7.7	82.6
10.0	8.372	32.269	25.076	0.0306	6.564	7.7	84.2
20.0	7.554	32.387	25.286	0.0581	6.884	7.8	85.1
30.0	6.527	32.659	25.637	0.0829	6.992	18.2	81.2
40.0	6.199	32.681	25.696	0.1058	6.815	15.5	83.5
50.0	5.455	32.791	25.872	0.1275	6.705	15.9	84.7
60.0	5.168	32.828	25.935	0.1480	6.526	8.5	87.6
70.0	4.715	32.902	26.043	0.1679	6.435	3.8	88.8
80.0	4.469	32.925	26.088	0.1869	6.361	3.0	88.8
90.0	4.285	32.978	26.149	0.2055	6.345	2.6	88.5
100.0	4.387	33.044	26.191	0.2236	6.216	3.3	88.0
110.0	4.437	33.093	26.225	0.2413	6.101	2.8	87.4
120.0	4.426	33.132	26.257	0.2587	6.035	2.7	86.7
130.0	4.439	33.145	26.266	0.2759	6.032	3.6	86.5
140.0	4.446	33.154	26.272	0.2931	6.022	4.1	86.4
150.0	4.529	33.190	26.292	0.3101	6.003	2.1	87.1
160.0	4.557	33.241	26.329	0.3269	5.966	2.8	86.5
170.0	4.566	33.254	26.338	0.3435	5.972	3.1	86.5
177.0	4.584	33.261	26.342	0.3551	5.919	8.6	42.6



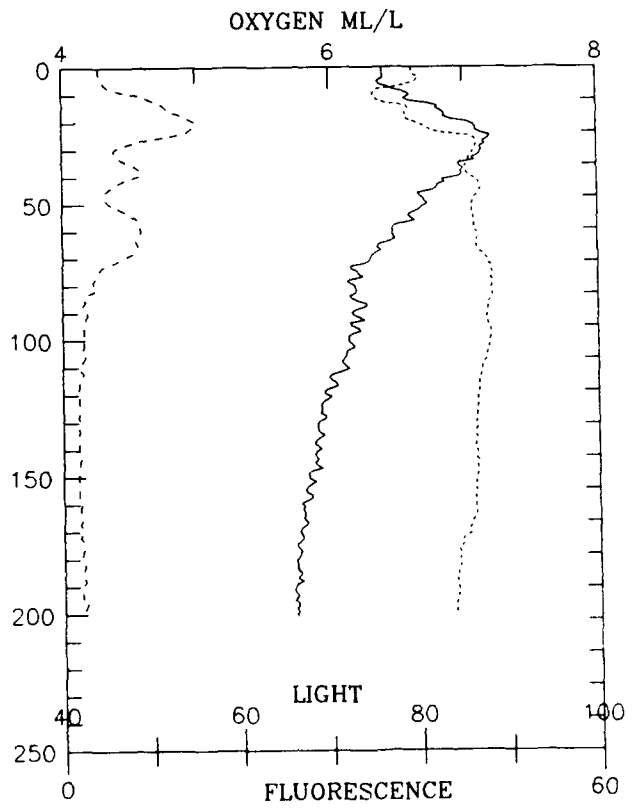
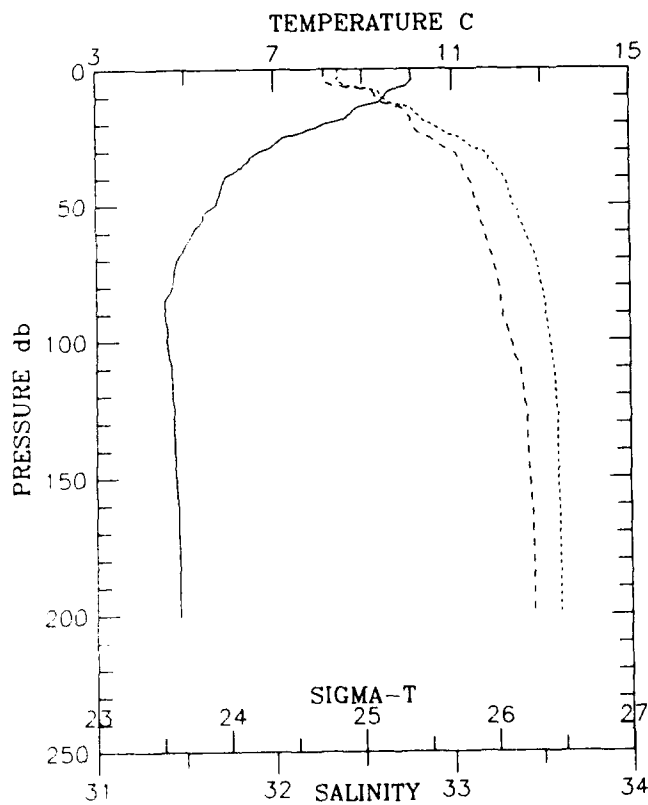
Cruise EN196 Consecutive Station # 18 Depth m:208 Time: 1989-05-20 14:08
 Position: 41° 53.10'N 69° 25.86'W Depth Deck Offset: -0.25 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 9.820	31.865	24.535	0.0000	6.271	5.3	82.5
10.0	9.207	31.939	24.690	0.0334	6.558	6.9	82.2
20.0	6.654	32.608	25.581	0.0604	7.497	9.8	83.4
30.0	6.161	32.849	25.833	0.0830	7.397	18.5	80.5
40.0	5.687	32.910	25.939	0.1038	6.930	29.6	81.7
50.0	5.167	33.021	26.088	0.1235	6.609	48.6	75.3
60.0	4.632	33.071	26.186	0.1419	6.440	22.4	87.1
70.0	4.584	33.149	26.254	0.1594	6.312	3.3	88.1
80.0	4.475	33.178	26.288	0.1765	6.193	4.2	87.7
90.0	4.477	33.209	26.313	0.1933	6.183	5.0	87.6
100.0	4.544	33.278	26.360	0.2098	6.192	3.9	87.2
110.0	4.654	33.351	26.406	0.2259	6.065	3.0	87.3
120.0	4.701	33.375	26.420	0.2417	5.958	2.3	87.1
130.0	4.737	33.389	26.427	0.2574	5.915	2.8	87.0
140.0	4.787	33.411	26.439	0.2730	5.862	2.2	86.8
150.0	4.820	33.422	26.444	0.2886	5.816	2.0	86.5
160.0	4.852	33.431	26.448	0.3041	5.793	1.7	86.3
170.0	4.865	33.441	26.455	0.3196	5.775	1.9	86.5
180.0	4.908	33.463	26.467	0.3350	5.685	1.9	85.9
190.0	5.040	33.500	26.482	0.3504	5.579	2.2	85.0
197.0	5.170	33.543	26.501	0.3610	5.362	2.8	80.8



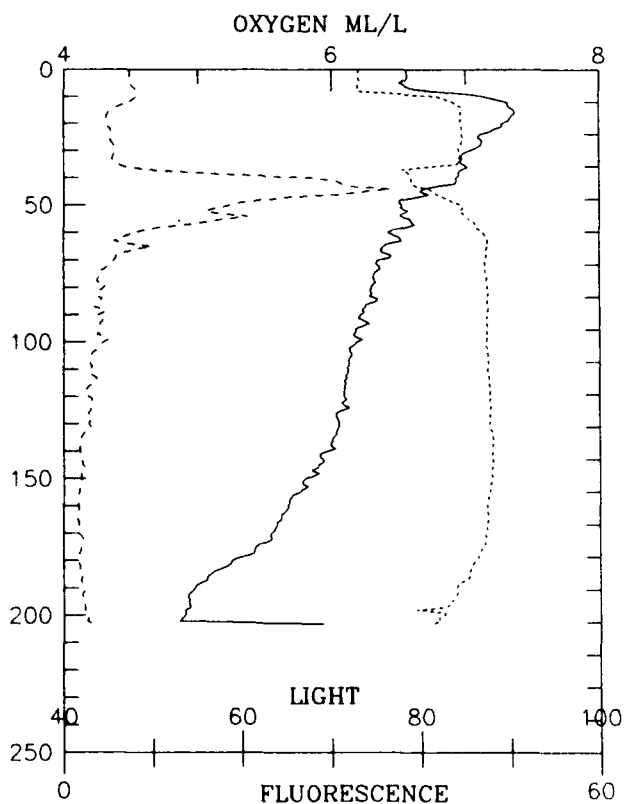
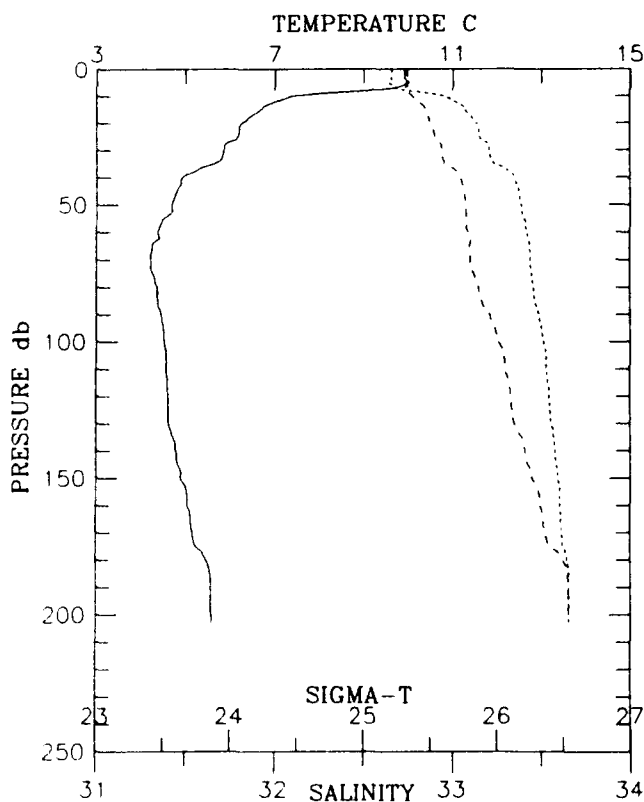
Cruise EN196 Consecutive Station # 19 Depth m:210 Time: 1989-05-20 16:20
 Position: 41° 57.10'N 69° 15.00'W Depth Deck Offset: -0.25 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.090	32.286	24.819	0.0000	6.400	4.2	79.3
10.0	9.496	32.571	25.139	0.0299	6.606	8.4	75.0
20.0	8.151	32.774	25.504	0.0559	7.037	15.0	79.6
30.0	6.686	33.006	25.890	0.0786	7.137	5.9	86.3
40.0	5.880	33.085	26.055	0.0985	6.972	8.5	85.8
50.0	5.668	33.132	26.117	0.1173	6.730	5.3	85.9
60.0	5.179	33.179	26.211	0.1353	6.478	8.9	86.3
70.0	4.805	33.227	26.291	0.1526	6.300	6.6	87.5
80.0	4.701	33.265	26.333	0.1693	6.174	3.4	88.1
90.0	4.540	33.283	26.365	0.1856	6.161	2.7	87.6
100.0	4.577	33.326	26.395	0.2017	6.137	2.3	87.8
110.0	4.695	33.382	26.426	0.2176	6.115	2.1	86.9
120.0	4.710	33.401	26.440	0.2332	5.952	1.8	86.5
130.0	4.740	33.415	26.448	0.2487	5.915	1.7	86.2
140.0	4.751	33.420	26.450	0.2642	5.926	1.7	86.2
150.0	4.789	33.432	26.456	0.2796	5.836	1.7	86.3
160.0	4.817	33.440	26.459	0.2951	5.771	1.9	86.1
170.0	4.839	33.446	26.461	0.3105	5.764	1.9	85.4
180.0	4.851	33.449	26.462	0.3259	5.746	2.1	84.2
190.0	4.848	33.448	26.462	0.3413	5.724	2.0	84.0
200.0	4.848	33.449	26.463	0.3567	5.731	2.1	83.6
201.0	4.848	33.448	26.462	0.3583	5.736	2.1	83.4



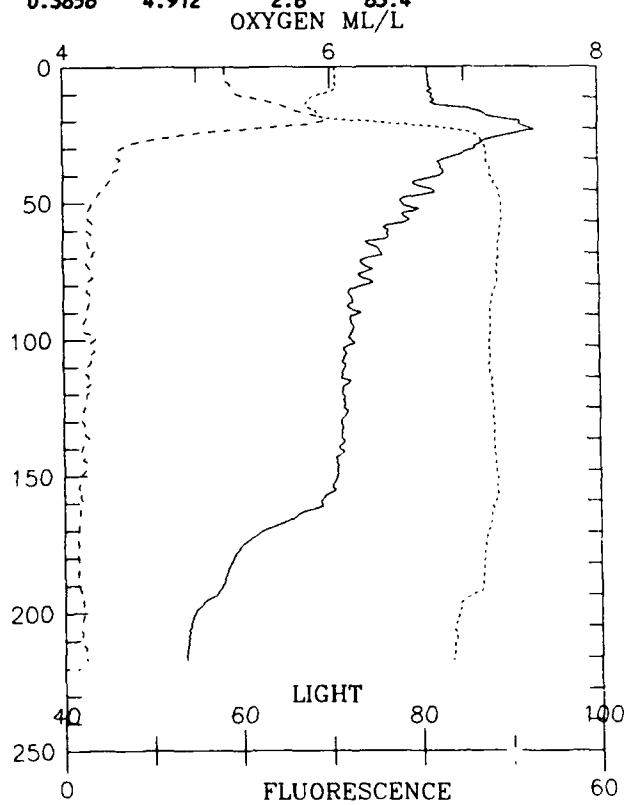
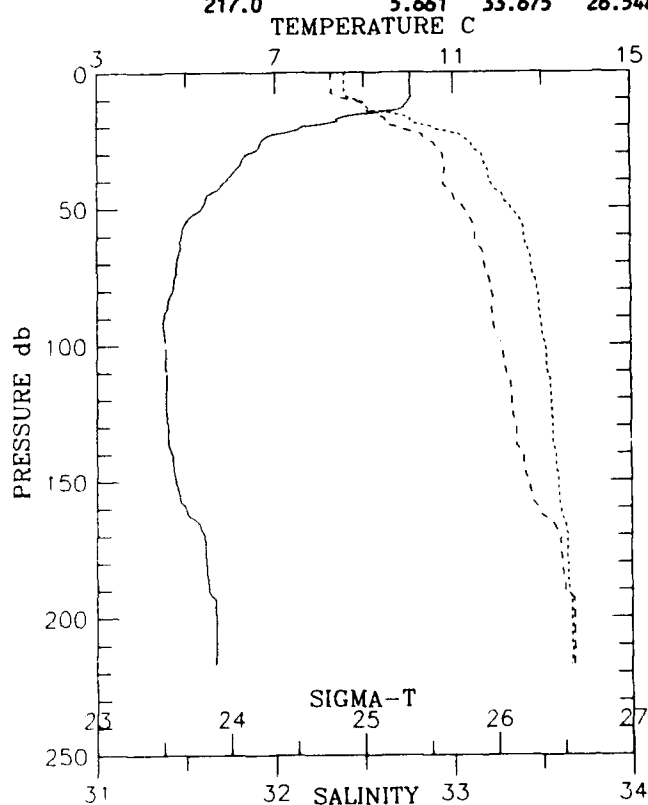
Cruise EN196 Consecutive Station # 20 Depth m:206 Time: 1989-05-20 19:16
 Position: 42° 7.92'N 69° 22.48'W Depth Deck Offset: -0.25 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 9.907	32.744	25.207	0.0000	6.559	7.3	73.0
10.0	7.390	32.774	25.613	0.0266	7.141	8.1	81.8
20.0	6.268	32.880	25.844	0.0486	7.273	4.8	84.5
30.0	5.858	32.939	25.942	0.0694	7.030	5.7	84.3
40.0	4.922	33.045	26.134	0.0889	6.928	27.9	78.9
50.0	4.698	33.074	26.181	0.1070	6.523	18.6	84.6
60.0	4.388	33.088	26.226	0.1248	6.425	7.9	87.0
70.0	4.223	33.098	26.250	0.1421	6.345	5.6	87.1
80.0	4.371	33.146	26.274	0.1593	6.298	4.5	87.4
90.0	4.459	33.208	26.314	0.1763	6.212	3.8	87.3
100.0	4.524	33.258	26.347	0.1928	6.185	4.5	87.2
110.0	4.576	33.296	26.371	0.2091	6.120	3.0	87.5
120.0	4.613	33.326	26.391	0.2251	6.094	2.8	87.8
130.0	4.629	33.349	26.408	0.2411	6.054	2.8	87.6
140.0	4.798	33.408	26.436	0.2568	5.968	1.8	88.0
150.0	4.899	33.444	26.453	0.2723	5.803	2.0	88.0
160.0	5.060	33.491	26.473	0.2877	5.679	1.7	87.4
170.0	5.164	33.521	26.484	0.3029	5.547	1.7	87.2
180.0	5.478	33.619	26.525	0.3180	5.253	1.7	86.0
190.0	5.582	33.650	26.537	0.3327	4.979	2.3	84.0
200.0	5.586	33.651	26.538	0.3475	4.904	2.4	82.5
203.0	5.585	33.651	26.538	0.3519	5.936	3.0	81.3



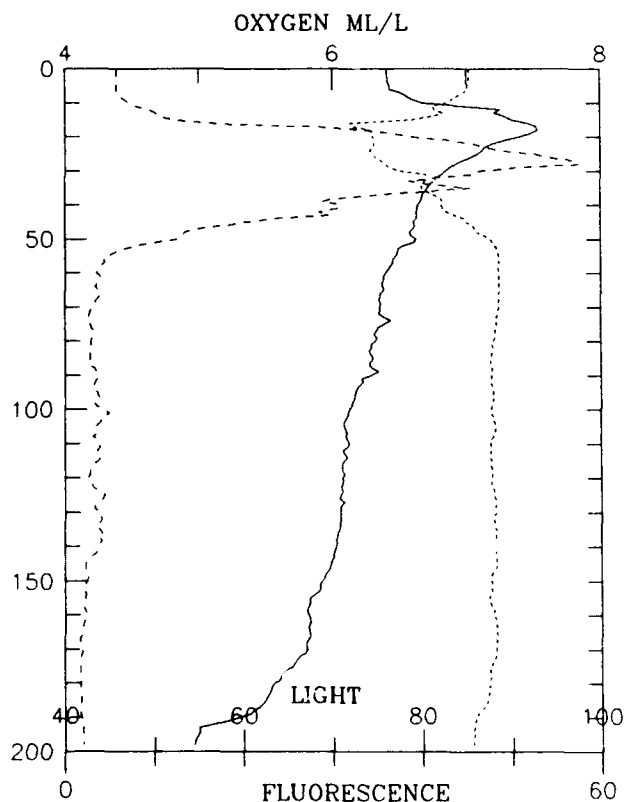
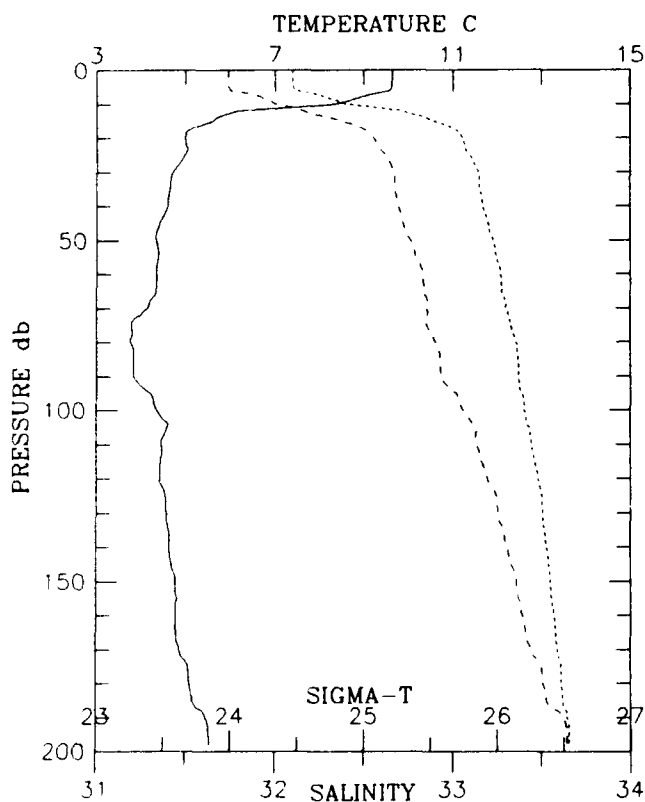
Cruise EN196 Consecutive Station # 21 Depth m:228 Time: 1989-05-20 21:36
 Position: 42° 5.31'N 69° 33.14'W Depth Deck Offset: -0.25 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.038	32.317	24.852	0.0000	6.728	18.2	70.6
10.0	10.020	32.436	24.948	0.0305	6.766	19.6	68.9
20.0	7.611	32.683	25.510	0.0580	7.416	29.3	74.3
30.0	6.368	32.943	25.882	0.0801	7.085	6.5	87.4
40.0	5.885	32.935	25.935	0.1006	6.817	5.3	87.8
50.0	5.347	33.060	26.098	0.1201	6.532	3.2	89.1
60.0	4.898	33.120	26.196	0.1382	6.434	2.6	89.0
70.0	4.798	33.178	26.253	0.1557	6.267	2.9	88.7
80.0	4.698	33.213	26.292	0.1728	6.245	2.6	88.4
90.0	4.496	33.222	26.321	0.1895	6.222	2.4	87.7
100.0	4.535	33.272	26.356	0.2061	6.152	3.4	87.6
110.0	4.560	33.299	26.375	0.2223	6.105	2.6	87.7
120.0	4.545	33.324	26.397	0.2383	6.079	2.5	87.9
130.0	4.608	33.353	26.413	0.2542	6.076	2.1	88.1
140.0	4.687	33.387	26.432	0.2700	6.060	2.0	88.1
150.0	4.766	33.418	26.447	0.2856	6.032	1.8	88.4
160.0	4.991	33.474	26.467	0.3010	5.918	1.9	88.0
170.0	5.406	33.597	26.516	0.3162	5.479	1.5	87.3
180.0	5.454	33.609	26.520	0.3311	5.261	1.5	87.0
190.0	5.493	33.621	26.525	0.3460	5.170	1.6	86.7
200.0	5.660	33.675	26.548	0.3607	4.971	2.0	84.0
210.0	5.661	33.675	26.548	0.3754	4.915	1.8	83.6
217.0	5.661	33.675	26.548	0.3856	4.912	2.6	83.4



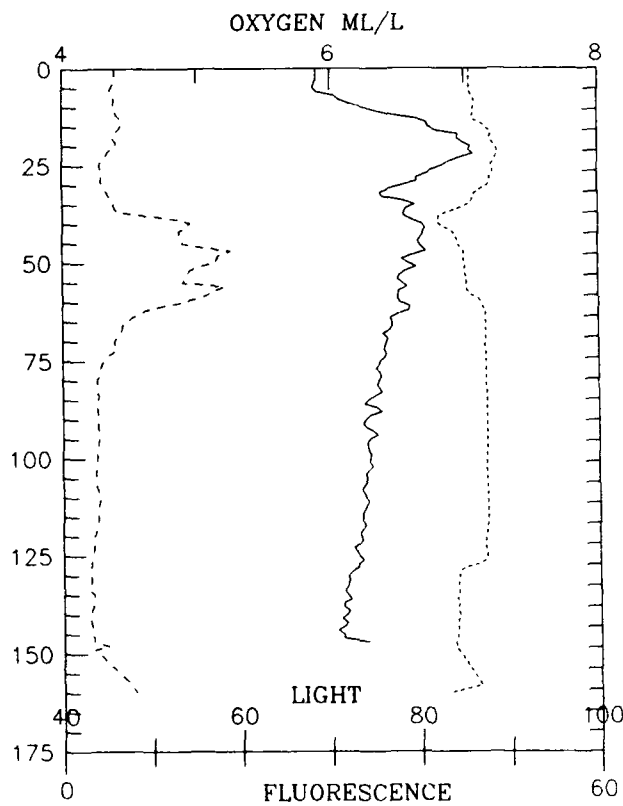
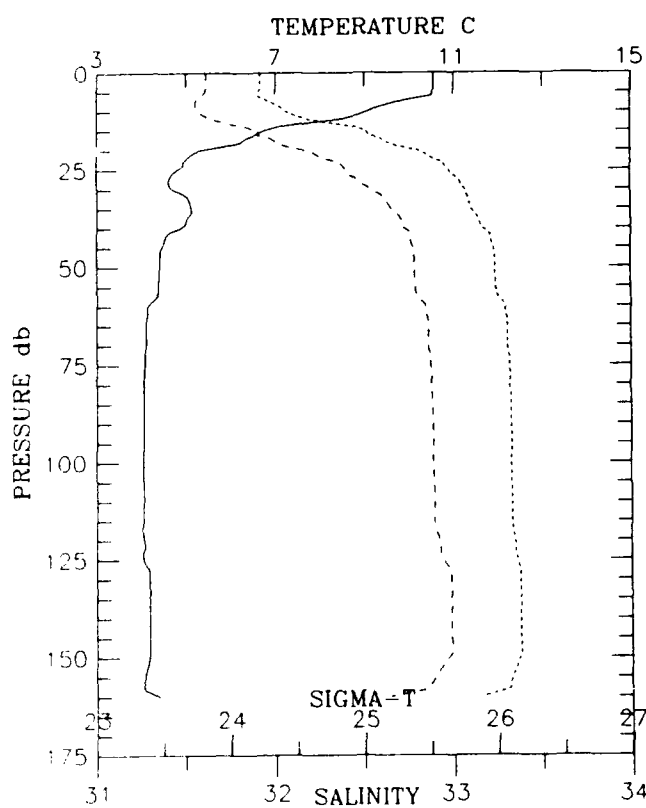
Cruise EN196 Consecutive Station # 22 Depth m:214 Time: 1989-05-20 23:33
 Position: 42° 3.34'N 69° 40.96'W Depth Deck Offset: -0.30 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 9.635	31.738	24.465	0.0000	6.409	5.8	85.3
10.0	8.365	32.000	24.866	0.0334	6.669	7.2	83.0
20.0	4.986	32.553	25.737	0.0580	7.396	38.9	74.5
30.0	4.710	32.668	25.858	0.0796	6.840	46.1	77.4
40.0	4.595	32.695	25.892	0.1005	6.634	30.9	82.2
50.0	4.344	32.761	25.970	0.1208	6.621	12.5	87.6
60.0	4.341	32.827	26.023	0.1405	6.396	3.5	88.6
70.0	4.129	32.850	26.063	0.1597	6.352	3.0	88.6
80.0	3.758	32.898	26.138	0.1784	6.316	2.9	87.9
90.0	3.840	32.932	26.157	0.1966	6.284	3.4	87.7
100.0	4.363	33.057	26.204	0.2145	6.129	4.3	87.8
110.0	4.464	33.138	26.257	0.2320	6.120	3.7	87.6
120.0	4.425	33.193	26.305	0.2491	6.070	2.6	87.8
130.0	4.574	33.254	26.338	0.2657	6.056	4.0	88.1
140.0	4.647	33.308	26.373	0.2820	6.019	3.6	88.2
150.0	4.771	33.356	26.397	0.2981	5.917	2.4	87.7
160.0	4.772	33.390	26.424	0.3140	5.817	2.5	87.9
170.0	4.873	33.437	26.450	0.3296	5.805	2.0	88.2
180.0	5.094	33.507	26.481	0.3450	5.561	1.7	87.5
190.0	5.447	33.614	26.525	0.3601	5.295	1.8	86.0
198.0	5.533	33.642	26.537	0.3719	4.962	2.0	85.6



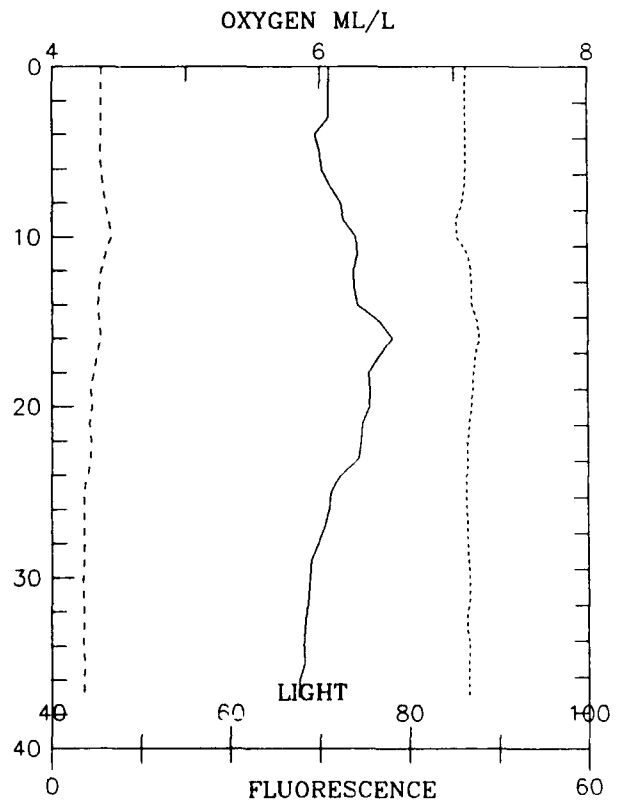
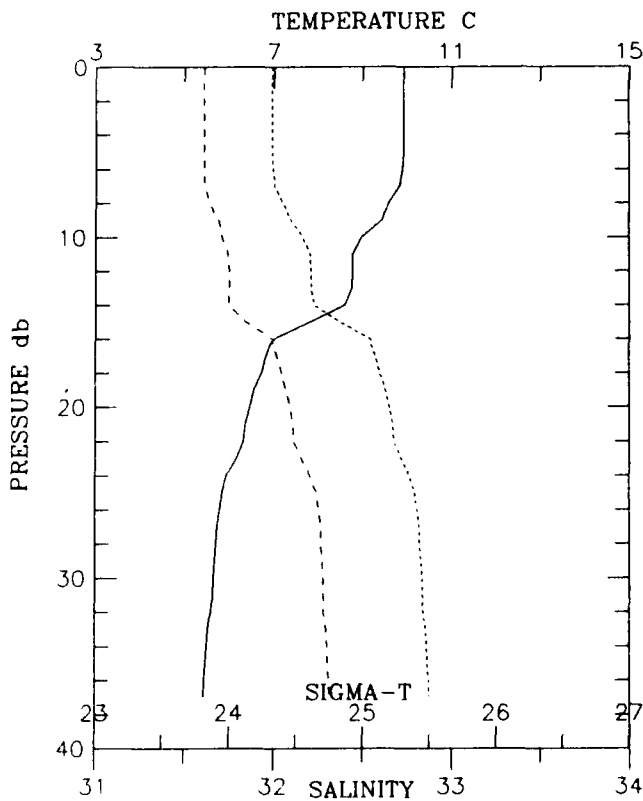
Cruise EN196 Consecutive Station # 23 Depth m:154 Time: 1989-05-21 07:29
 Position: 42° 1.28'N 69° 48.43'W Depth Deck Offset: -0.30 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.548	31.612	24.217	0.0000	5.899	5.9	85.6
10.0		9.100	31.564	24.413	0.0363	6.245	5.8	86.1
20.0		5.311	32.172	25.399	0.0662	7.050	6.0	88.5
30.0		4.691	32.536	25.756	0.0895	6.543	4.6	87.7
40.0		4.879	32.720	25.881	0.1110	6.686	14.3	82.1
50.0		4.410	32.781	25.980	0.1310	6.585	16.9	85.1
60.0		4.141	32.842	26.056	0.1507	6.515	13.3	86.8
70.0		4.104	32.859	26.073	0.1696	6.421	5.8	87.3
80.0		4.060	32.877	26.092	0.1885	6.365	3.9	87.3
90.0		4.052	32.884	26.098	0.2072	6.261	3.9	87.4
100.0		4.052	32.885	26.099	0.2260	6.294	3.8	87.4
110.0		4.041	32.888	26.102	0.2447	6.251	4.2	87.4
120.0		4.066	32.919	26.125	0.2633	6.219	3.5	87.2
130.0		4.178	32.984	26.165	0.2817	6.123	3.0	84.2
140.0		4.178	32.983	26.164	0.2998	6.109	3.0	84.2
150.0	*	4.166	32.968	26.154	0.3180	49.137	3.9	84.3
160.0		4.413	32.642	25.869	0.3368	24.415	8.1	83.0



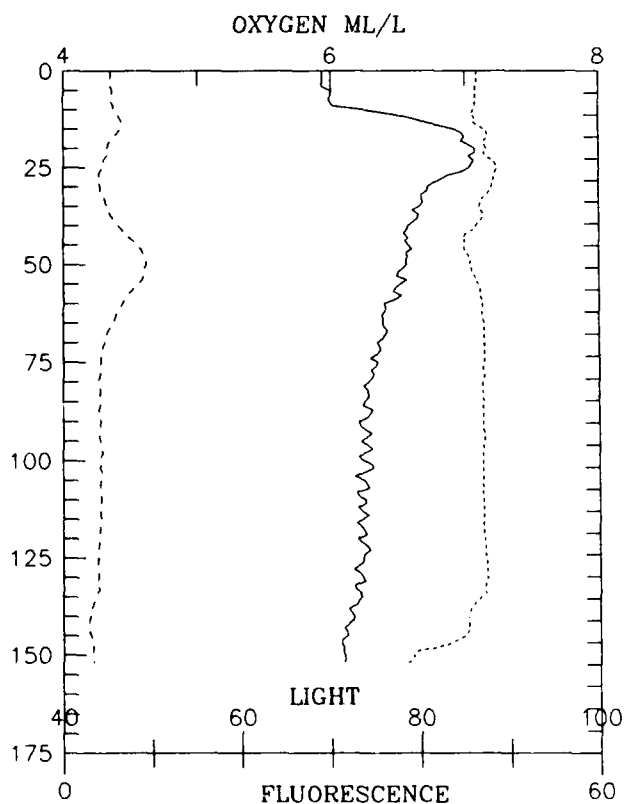
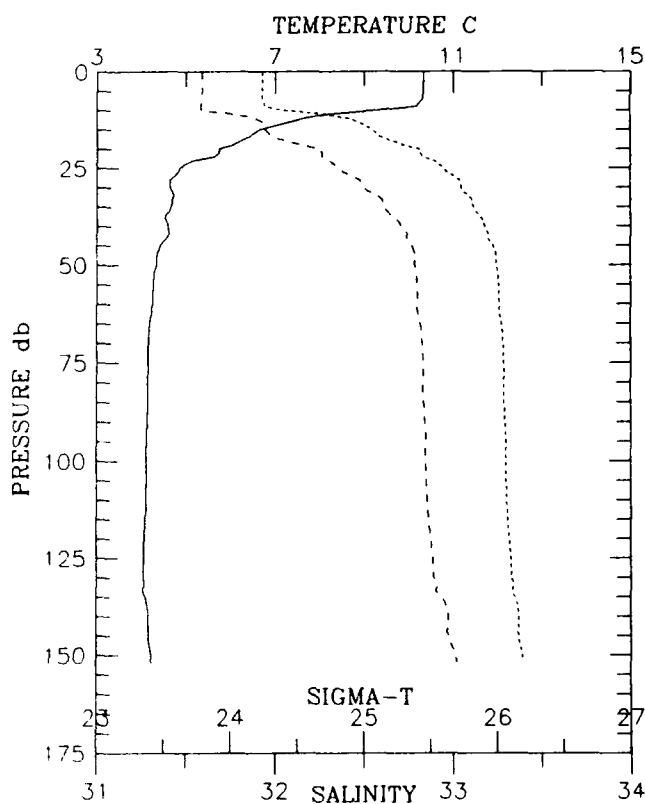
Cruise EN196 Consecutive Station # 24 Depth m:39 Time: 1989-05-21 09:21
 Position: 41° 59.52'N 69° 56.65'W Depth Deck Offset: -0.25 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 9.913	31.610	24.321	0.0000	6.069	5.5	86.3
2.0	E 9.913	31.609	24.320	0.0071	6.071	5.5	86.3
4.0	9.911	31.609	24.320	0.0143	5.966	5.5	86.3
6.0	9.889	31.610	24.324	0.0214	6.018	5.5	86.3
8.0	9.561	31.637	24.399	0.0285	6.158	5.9	85.9
10.0	8.964	31.710	24.549	0.0353	6.274	6.7	85.4
12.0	8.762	31.748	24.609	0.0420	6.254	5.5	86.9
14.0	8.592	31.745	24.632	0.0485	6.283	5.1	87.0
16.0	6.990	31.991	25.051	0.0547	6.541	5.5	87.8
18.0	6.729	32.043	25.126	0.0604	6.363	4.7	87.2
20.0	6.462	32.091	25.198	0.0659	6.368	4.5	86.9
22.0	6.322	32.111	25.231	0.0713	6.308	4.4	86.5
24.0	5.940	32.204	25.351	0.0766	6.157	4.0	86.4
26.0	5.793	32.254	25.408	0.0817	6.071	3.6	86.4
28.0	5.715	32.265	25.426	0.0867	5.988	3.6	86.5
30.0	5.647	32.278	25.444	0.0917	5.925	3.5	86.7
32.0	5.599	32.283	25.454	0.0967	5.904	3.6	86.5
34.0	5.502	32.301	25.480	0.1016	5.878	3.5	86.7
36.0	5.454	32.310	25.492	0.1065	5.845	3.6	86.6
37.0	5.436	32.313	25.497	0.1090	5.842	3.6	86.6



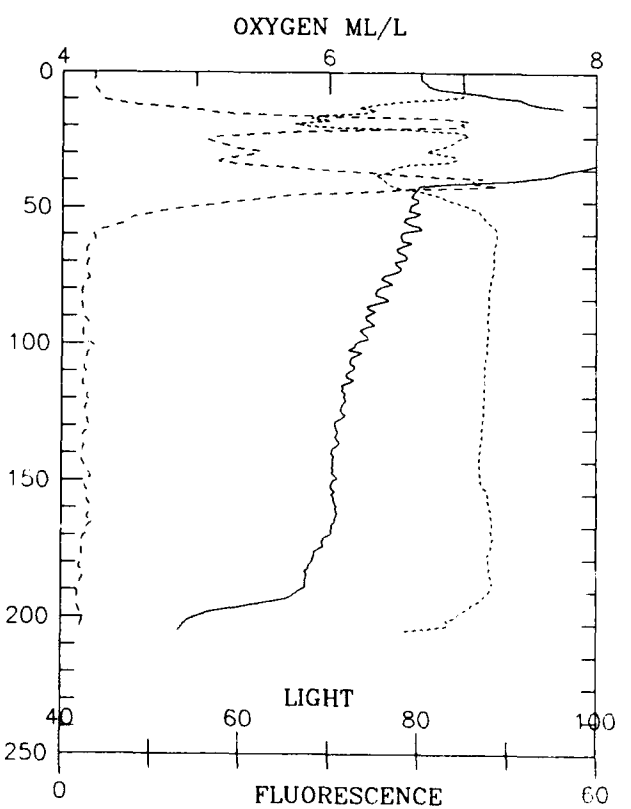
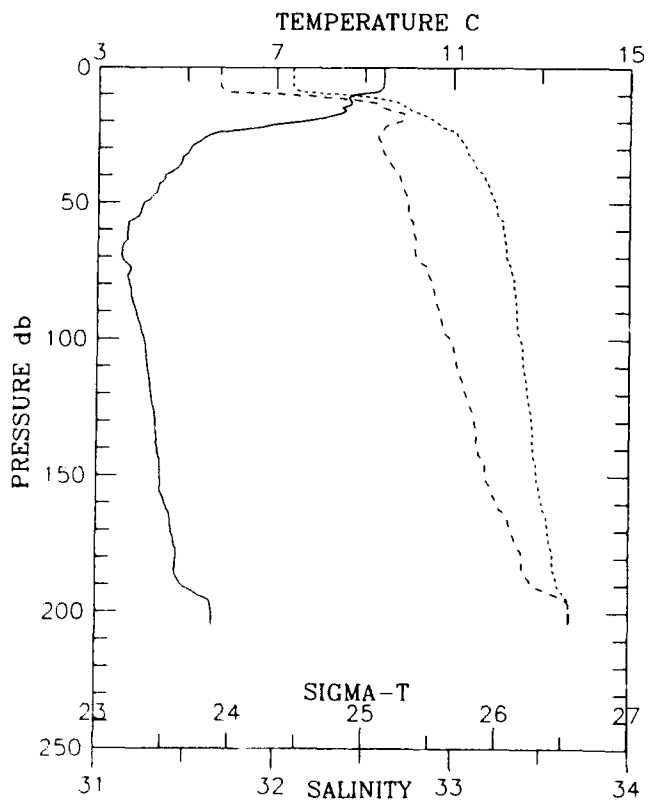
Cruise EN196 Consecutive Station # 25 Depth m:156 Time: 1989-05-21 11:41
 Position: 42° 1.44'N 69° 48.32'W Depth Deck Offset: -0.25 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.331	31.591	24.236	0.0000	5.937	5.3	86.3
10.0		9.283	31.586	24.402	0.0364	6.241	5.6	86.0
20.0		5.740	32.250	25.411	0.0653	7.075	4.9	87.4
30.0		4.649	32.495	25.728	0.0889	6.725	4.1	88.0
40.0		4.584	32.704	25.900	0.1102	6.571	6.1	86.2
50.0		4.333	32.784	25.990	0.1303	6.563	9.3	85.5
60.0		4.247	32.800	26.012	0.1499	6.394	6.6	86.9
70.0		4.164	32.825	26.040	0.1693	6.344	4.6	87.1
80.0		4.149	32.832	26.047	0.1885	6.280	4.0	87.0
90.0		4.139	32.840	26.054	0.2077	6.210	4.2	87.0
100.0		4.122	32.846	26.061	0.2268	6.244	4.2	87.0
110.0		4.109	32.853	26.068	0.2459	6.251	4.2	87.0
120.0		4.073	32.876	26.089	0.2648	6.196	4.0	87.1
130.0		4.050	32.889	26.102	0.2836	6.236	3.9	87.4
140.0		4.159	32.972	26.157	0.3020	6.166	3.0	85.3
150.0		4.216	33.012	26.183	0.3202	6.091	3.3	79.1
152.0		4.234	33.023	26.190	0.3238	6.088	3.4	78.4



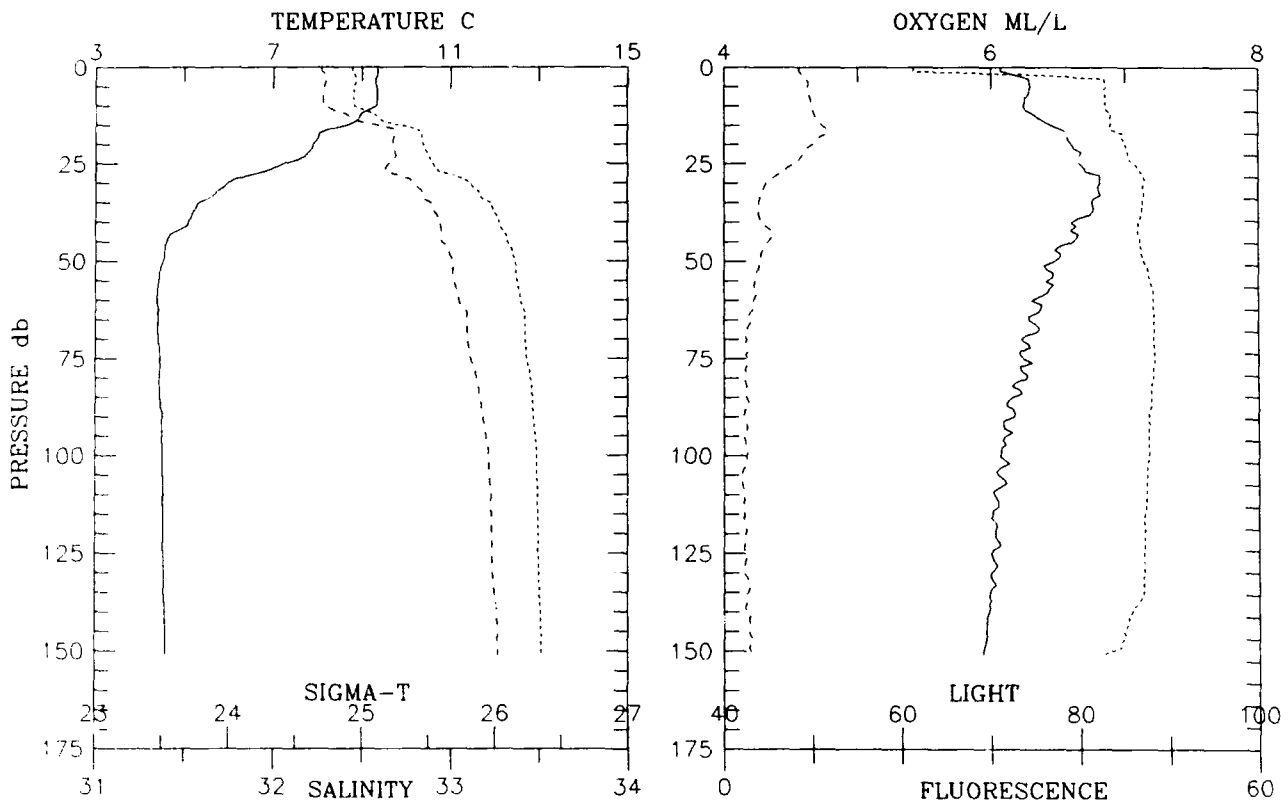
Cruise EN196 Consecutive Station # 26 Depth m:212 Time: 1989-05-21 13:39
 Position: 42° 3.25'N 69° 41.24'W Depth Deck Offset: -0.25 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.415	31.685	24.459	0.0000	6.684	3.6
10.0		8.759	32.070	24.861	0.0341	7.433	4.5
20.0		7.606	32.702	25.526	0.0605	8.520	45.1
30.0		5.076	32.601	25.766	0.0832	8.361	22.1
40.0		4.504	32.698	25.904	0.1045	7.380	46.1
50.0		4.037	32.745	25.989	0.1247	6.608	13.7
60.0		3.676	32.772	26.045	0.1442	6.532	3.5
70.0		3.549	32.791	26.072	0.1632	6.495	2.9
80.0		3.722	32.884	26.130	0.1818	6.367	2.3
90.0		3.872	32.923	26.147	0.2001	6.273	2.4
100.0		4.054	32.985	26.178	0.2183	6.197	3.3
110.0		4.130	33.026	26.203	0.2361	6.156	2.7
120.0		4.215	33.074	26.233	0.2537	6.124	2.8
130.0		4.309	33.124	26.263	0.2710	6.048	3.1
140.0		4.367	33.146	26.274	0.2882	6.021	2.4
150.0		4.432	33.190	26.302	0.3052	6.032	2.7
160.0		4.532	33.255	26.343	0.3219	6.051	3.2
170.0		4.687	33.335	26.390	0.3381	5.994	2.6
180.0		4.800	33.397	26.427	0.3540	5.870	2.2
190.0		4.923	33.456	26.460	0.3697	5.785	1.7
200.0		5.601	33.666	26.548	0.3846	4.999	2.2
205.0		5.613	33.668	26.548	0.3919	4.871	2.5



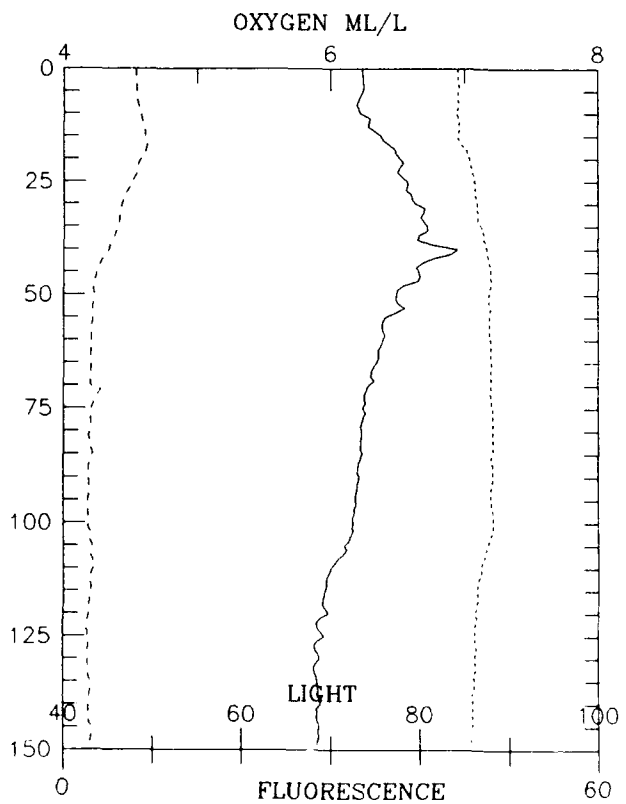
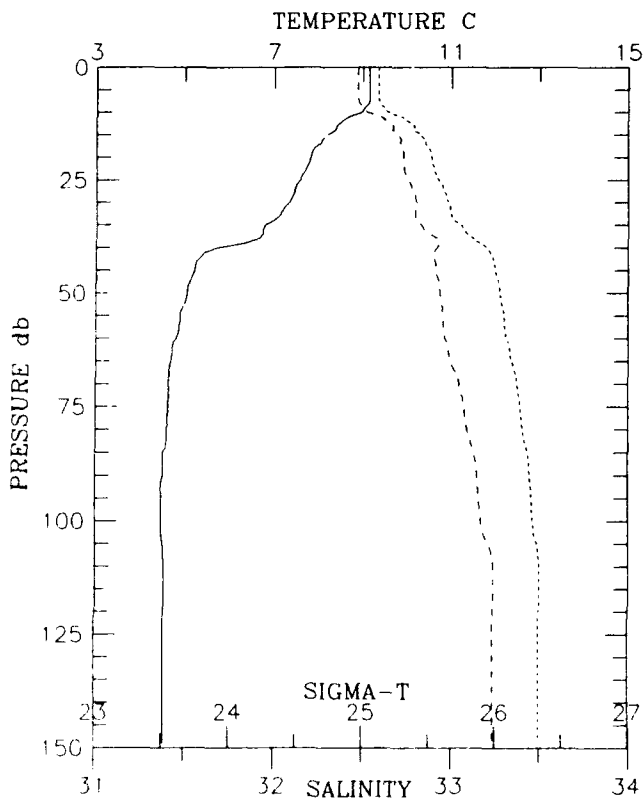
Cruise EN196 Consecutive Station # 27 Depth m:158 Time: 1989-05-22 00:33
 Position: 41° 40.81'N 68° 48.09'W Depth Deck Offset: -0.40 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.351	32.270	24.926	0.0000	6.073	8.4	61.3
10.0		9.329	32.282	24.940	0.0298	6.244	9.9	82.8
20.0		7.893	32.672	25.461	0.0565	6.605	9.9	85.1
30.0		5.969	32.795	25.814	0.0802	6.818	4.7	87.1
40.0		5.103	32.939	26.030	0.1005	6.597	4.3	86.5
50.0		4.518	33.005	26.146	0.1192	6.469	4.0	87.1
60.0		4.380	33.043	26.191	0.1372	6.303	3.2	88.1
70.0		4.410	33.093	26.228	0.1548	6.225	2.5	88.2
80.0		4.436	33.146	26.267	0.1722	6.267	2.4	88.1
90.0		4.514	33.185	26.289	0.1892	6.170	2.2	87.7
100.0		4.513	33.214	26.312	0.2060	6.065	2.5	87.6
110.0		4.527	33.225	26.320	0.2227	6.021	2.2	87.3
120.0		4.536	33.232	26.324	0.2394	6.029	2.4	87.1
130.0		4.540	33.235	26.326	0.2560	5.997	2.2	87.1
140.0		4.576	33.260	26.342	0.2725	5.982	2.5	85.7
150.0		4.590	33.268	26.347	0.2890	5.938	3.0	83.2
151.0		4.590	33.268	26.347	0.2907	5.938	3.0	82.4



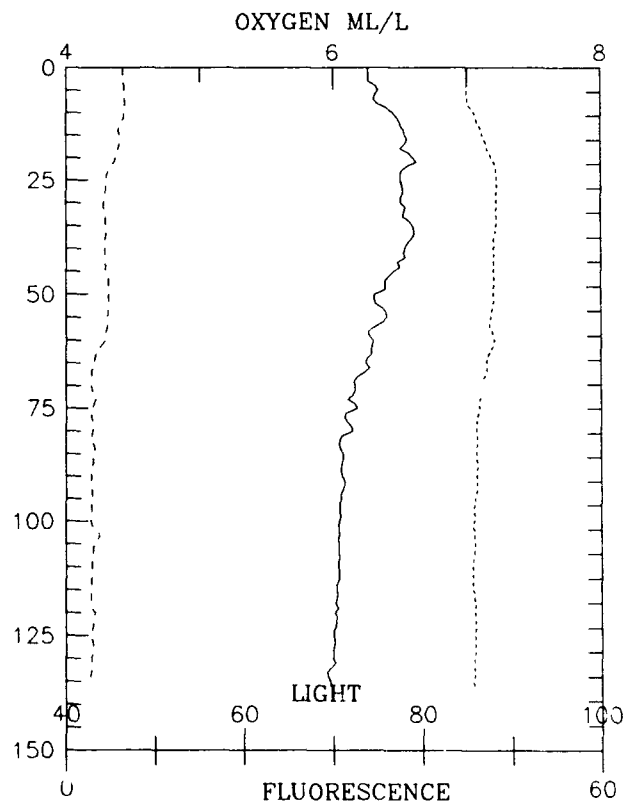
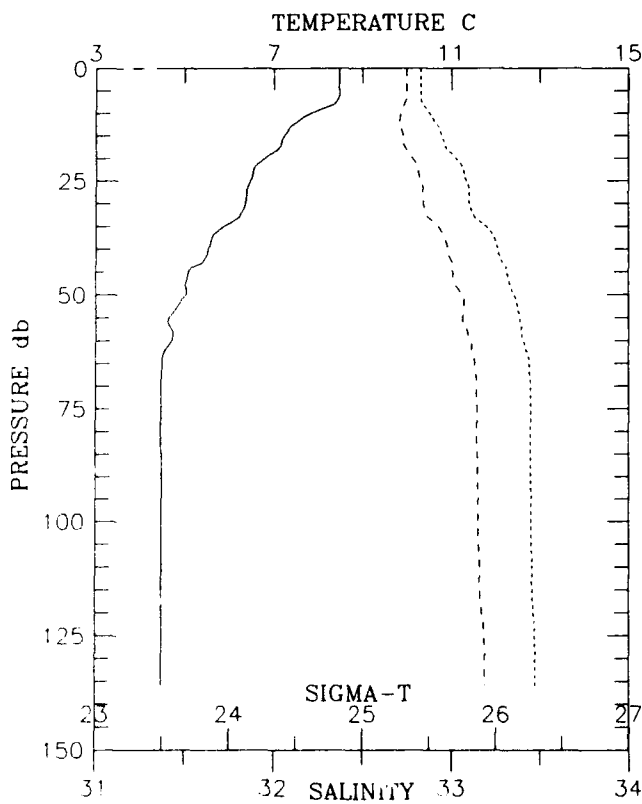
Cruise EN196 Consecutive Station # 28 Depth m:154 Time: 1989-05-22 01:45
 Position: 41° 39.01'N 68° 41.87'W Depth Deck Offset: -0.40 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)	
0.0	E	9.139	32.473	25.119	0.0000	6.239	8.1	84.3
10.0		8.972	32.519	25.180	0.0280	6.220	8.7	84.1
20.0		7.816	32.728	25.517	0.0533	6.522	8.7	85.6
30.0		7.340	32.800	25.640	0.0770	6.631	6.5	86.4
40.0		5.725	32.918	25.941	0.0991	6.945	5.1	87.5
50.0		5.054	32.938	26.035	0.1188	6.494	3.5	87.8
60.0		4.811	32.960	26.079	0.1379	6.388	3.1	87.9
70.0		4.644	33.044	26.164	0.1564	6.281	3.0	87.9
80.0		4.610	33.088	26.202	0.1743	6.228	2.9	88.1
90.0		4.521	33.146	26.258	0.1917	6.213	2.7	88.2
100.0		4.484	33.169	26.280	0.2088	6.165	2.8	88.2
110.0		4.539	33.236	26.327	0.2256	6.002	3.3	86.8
120.0		4.540	33.239	26.329	0.2422	5.981	2.8	86.2
130.0		4.540	33.239	26.329	0.2588	5.918	2.7	86.2
140.0		4.541	33.240	26.330	0.2754	5.924	2.8	85.9
149.0		4.542	33.239	26.329	0.2903	5.896	2.9	85.3



Cruise EN196 Consecutive Station # 29 Depth m:143 Time: 1989-05-22 02:52
 Position: 41° 37.74'N 68° 36.11'W Depth Deck Offset: -0.40 Fish 1

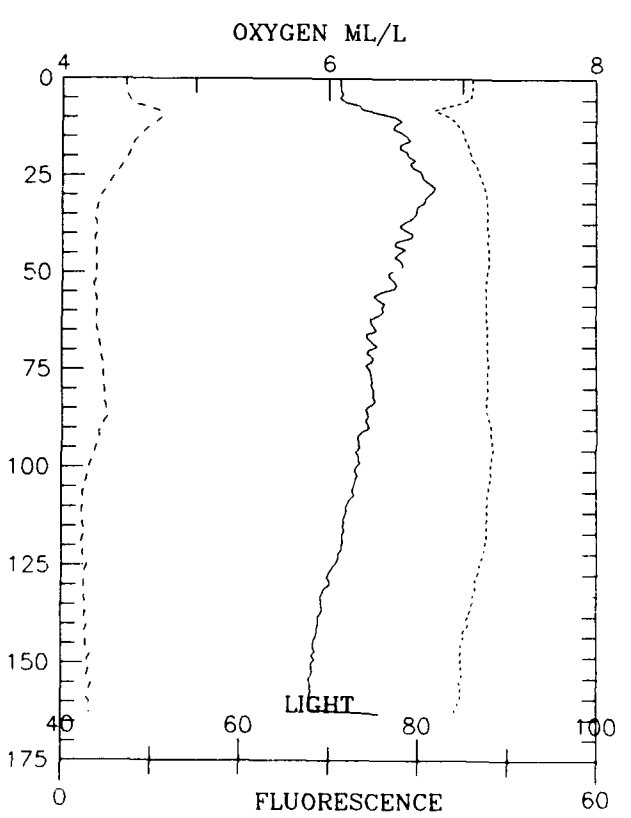
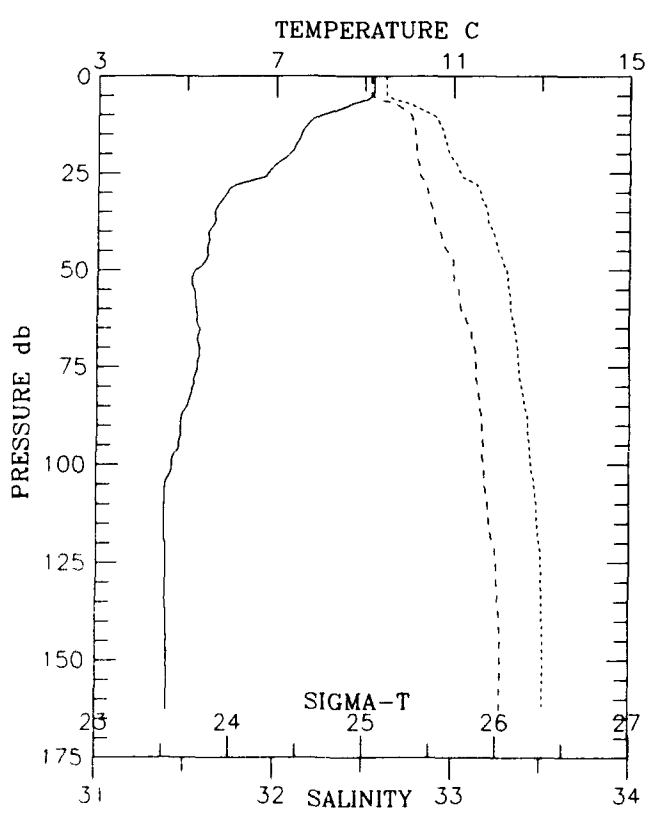
PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	8.467	32.748	25.437	0.0000	6.262	6.4	84.9
10.0		7.825	32.715	25.505	0.0250	6.441	6.5	85.7
20.0		6.803	32.779	25.696	0.0485	6.592	5.5	87.7
30.0		6.369	32.840	25.801	0.0703	6.508	4.2	88.3
40.0		5.525	32.979	26.013	0.0908	6.535	4.3	87.9
50.0		5.047	33.067	26.137	0.1098	6.305	4.8	87.9
60.0		4.701	33.105	26.206	0.1277	6.296	4.3	88.0
70.0		4.474	33.141	26.259	0.1451	6.163	2.9	86.6
80.0		4.475	33.145	26.262	0.1623	6.146	3.0	86.0
90.0		4.480	33.146	26.262	0.1795	6.066	2.8	86.0
100.0		4.487	33.151	26.266	0.1966	6.047	2.8	85.7
110.0		4.486	33.157	26.271	0.2138	6.035	2.9	85.5
120.0		4.485	33.170	26.281	0.2309	6.013	3.2	85.8
130.0		4.490	33.186	26.293	0.2478	5.999	2.9	85.7
136.0		4.490	33.188	26.295	0.2580	5.978	3.0	85.7



Cruise 1196 Consecutive Station # 30 Depth m:172 Time: 1989-05-22 04:08
 Position: 41° 42.66'N 68° 34.04'W Depth Deck Offset: -0.40 Fish 1

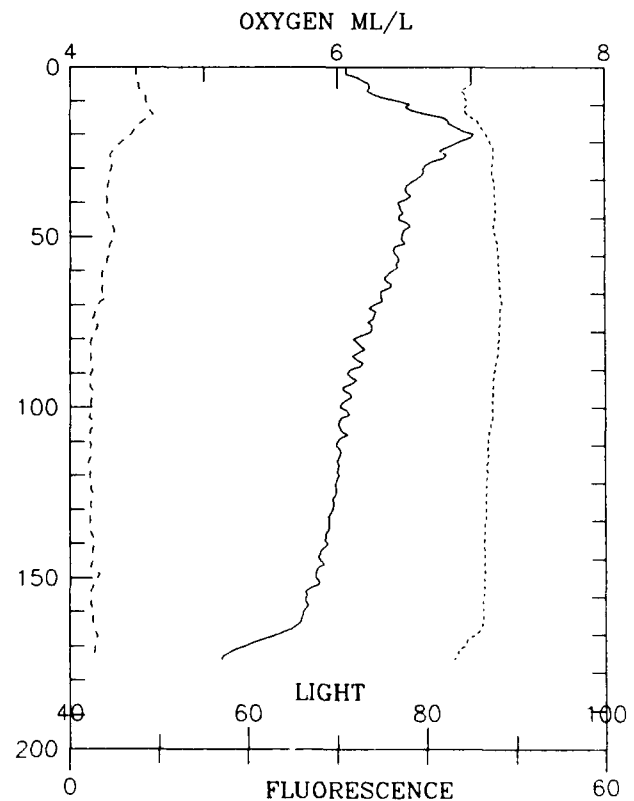
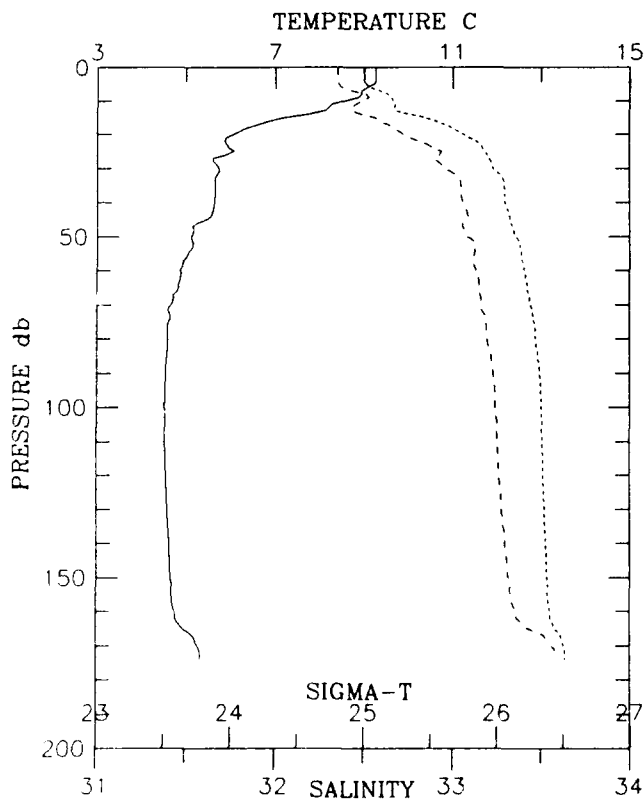
PRESSURE Interp TEMP SALINITY SIGMA-T DELTA-D OXYGEN CHANNELA CHANNELB
 (d-bars) (deg C) (0/00)

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.198	32.537	25.159	0.0000	6.086	7.2	86.1
10.0		8.022	32.759	25.511	0.0268	6.497	11.1	83.6
20.0		7.306	32.789	25.636	0.0504	6.595	7.4	86.0
30.0		5.907	32.861	25.875	0.0725	6.748	4.4	87.7
40.0		5.493	32.924	25.974	0.0929	6.625	3.8	87.9
50.0		5.195	33.001	26.069	0.1124	6.450	3.8	87.7
60.0		5.224	33.046	26.101	0.1312	6.404	3.9	87.6
70.0		5.293	33.124	26.155	0.1497	6.296	4.4	87.8
80.0		5.155	33.141	26.184	0.1678	6.332	4.8	87.8
90.0		4.881	33.164	26.233	0.1855	6.297	4.3	88.1
100.0		4.710	33.178	26.263	0.2028	6.206	3.1	88.1
110.0		4.535	33.203	26.302	0.2198	6.129	2.3	87.7
120.0		4.555	33.234	26.324	0.2366	6.092	2.2	87.5
130.0		4.561	33.253	26.339	0.2531	6.004	2.5	86.4
140.0		4.584	33.269	26.349	0.2696	5.921	2.9	85.6
150.0		4.595	33.274	26.351	0.2860	5.871	3.0	84.7
160.0		4.598	33.275	26.352	0.3024	5.862	3.2	84.4
163.0		4.598	33.275	26.352	0.3073	6.378	3.3	84.2



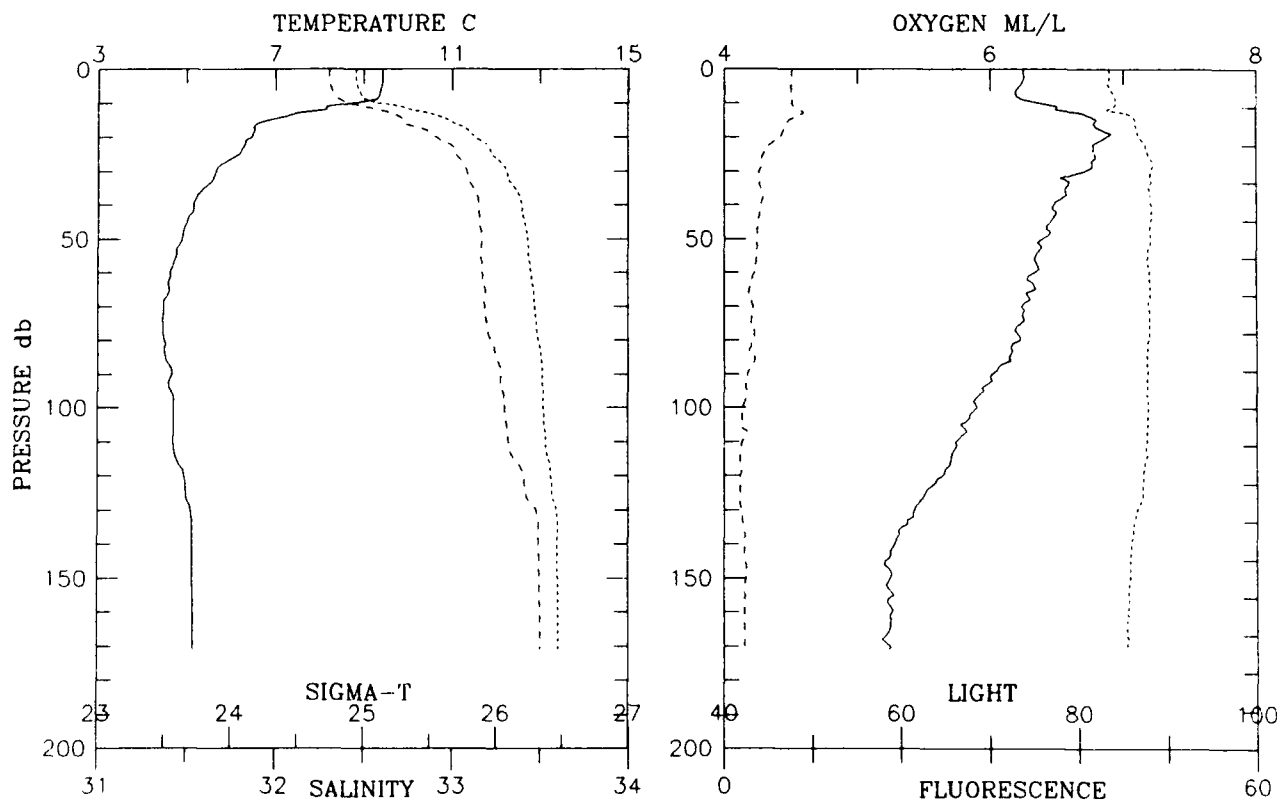
Cruise EN196 Consecutive Station # 31 Depth m:183 Time: 1989-05-22 07:09
 Position: 41° 43.91'N 68° 39.84'W Depth Deck Offset: -0.40 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 9.261	32.352	25.005	0.0000	6.067	7.4	85.0
10.0	8.550	32.486	25.219	0.0285	6.454	8.5	84.5
20.0	6.066	32.723	25.745	0.0534	7.019	6.9	86.7
30.0	5.736	32.953	25.967	0.0741	6.640	4.6	87.3
40.0	5.637	33.054	26.059	0.0934	6.452	4.1	87.7
50.0	5.107	33.080	26.141	0.1121	6.480	4.8	87.6
60.0	4.883	33.138	26.212	0.1300	6.413	3.7	88.1
70.0	4.658	33.160	26.254	0.1475	6.266	3.1	88.4
80.0	4.588	33.196	26.291	0.1645	6.119	2.4	88.1
90.0	4.543	33.228	26.321	0.1813	6.076	2.3	87.5
100.0	4.520	33.239	26.332	0.1978	6.022	2.3	87.3
110.0	4.534	33.253	26.342	0.2143	6.000	2.2	86.9
120.0	4.555	33.264	26.348	0.2308	6.010	2.2	86.8
130.0	4.584	33.277	26.355	0.2471	5.961	2.4	86.6
140.0	4.627	33.297	26.367	0.2634	5.928	2.5	86.4
150.0	4.666	33.315	26.376	0.2796	5.836	3.0	86.4
160.0	4.765	33.359	26.401	0.2957	5.745	2.5	86.3
170.0	5.268	33.559	26.502	0.3113	5.301	2.8	84.2
174.0	5.330	33.581	26.512	0.3173	5.131	3.0	83.0



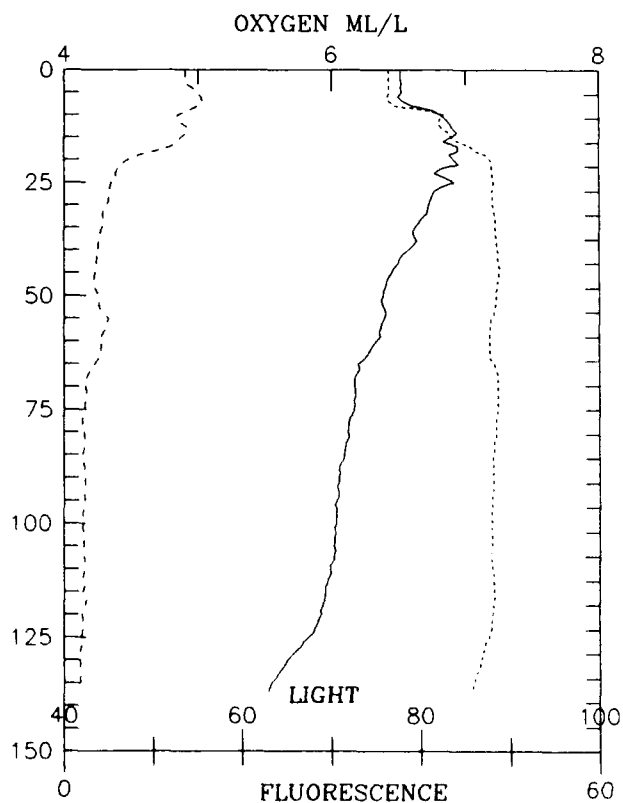
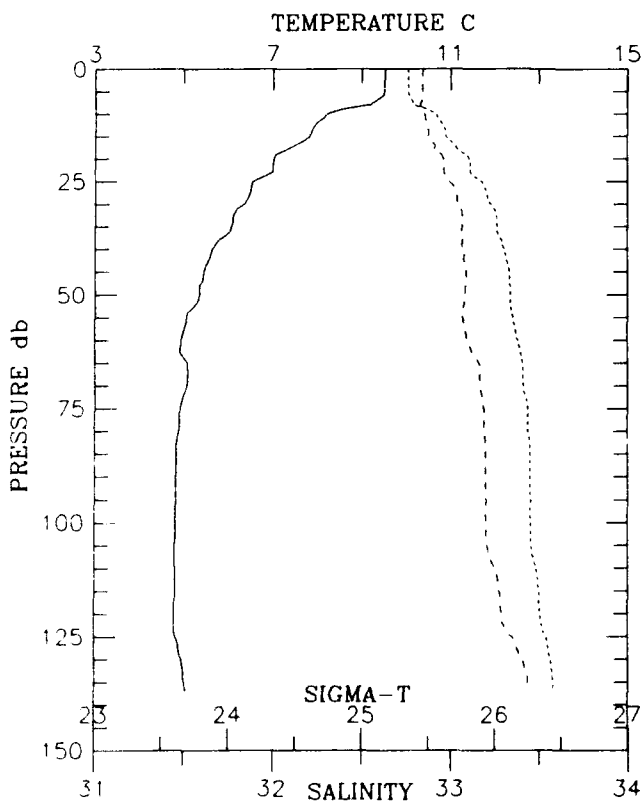
Cruise EN196 Consecutive Station # 32 Depth m:175 Time: 1989-05-22 08:42
 Position: 41° 45.82'N 68° 45.85'W Depth Deck Offset: -0.25 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 9.417	32.306	24.944	0.0000	6.249	7.6	83.4
10.0	8.793	32.401	25.116	0.0295	6.376	7.6	84.3
20.0	6.484	32.909	25.840	0.0531	6.869	6.3	86.7
30.0	5.662	33.084	26.080	0.0729	6.699	3.9	88.1
40.0	5.161	33.153	26.193	0.0913	6.476	4.1	88.1
50.0	4.891	33.170	26.237	0.1089	6.385	3.7	88.0
60.0	4.638	33.171	26.266	0.1261	6.331	3.4	87.9
70.0	4.485	33.186	26.294	0.1431	6.235	3.2	87.8
80.0	4.503	33.221	26.319	0.1599	6.224	3.3	87.8
90.0	4.671	33.281	26.349	0.1764	6.007	2.6	87.7
100.0	4.716	33.300	26.359	0.1927	5.898	2.1	87.8
110.0	4.712	33.320	26.375	0.2089	5.741	2.0	87.6
120.0	4.958	33.402	26.413	0.2249	5.640	1.8	87.2
130.0	5.101	33.476	26.456	0.2406	5.428	2.0	86.5
140.0	5.142	33.493	26.465	0.2559	5.284	2.3	85.8
150.0	5.149	33.496	26.467	0.2713	5.245	2.5	85.7
160.0	5.154	33.498	26.468	0.2866	5.265	2.3	85.2
170.0	5.154	33.499	26.468	0.3020	5.248	2.3	85.4
171.0	5.155	33.498	26.467	0.3035	5.239	2.2	85.3



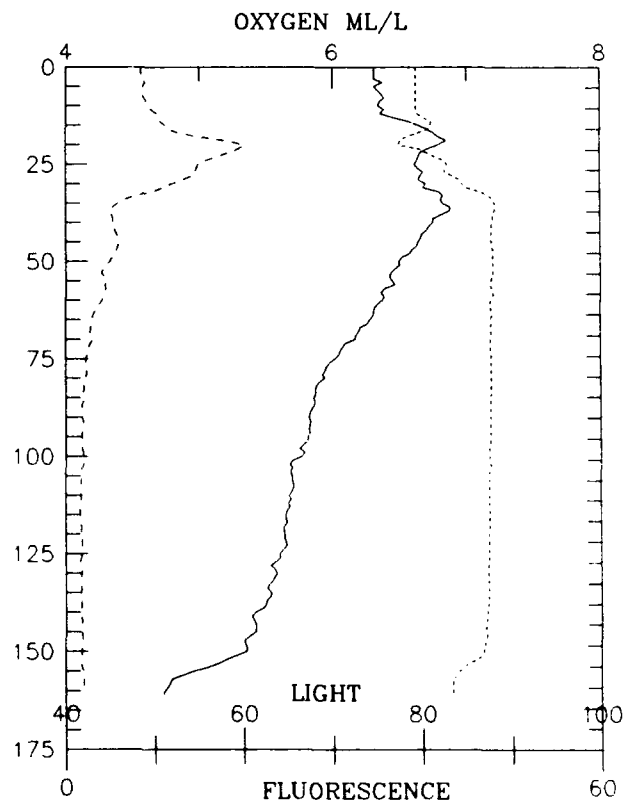
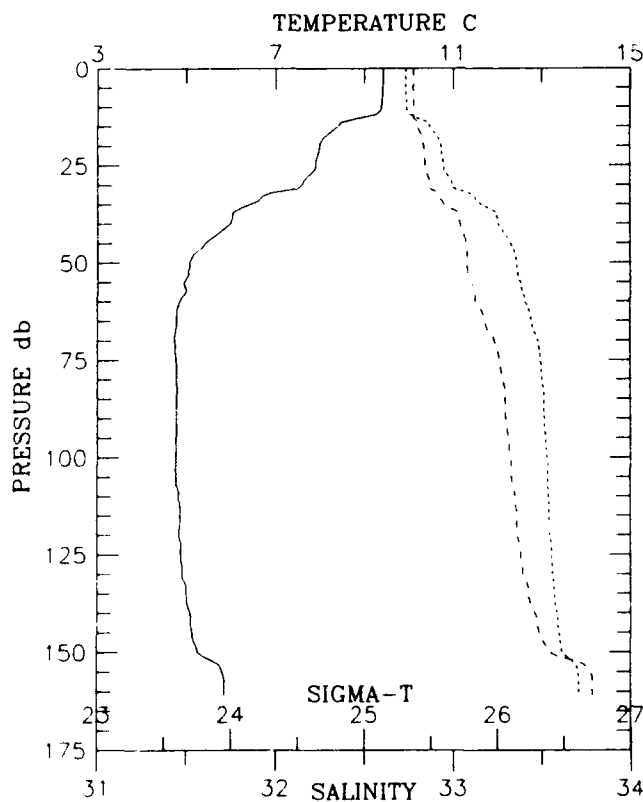
Cruise EN196 Consecutive Station # 33 Depth m:160 Time: 1989-05-22 10:06
 Position: 41° 51.00'N 68° 43.57'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.513	32.844	25.349	0.0000	6.515	13.6	76.4
10.0		8.212	32.851	25.556	0.0256	6.810	12.7	82.5
20.0		7.016	32.960	25.810	0.0485	6.915	7.2	87.8
30.0		6.341	33.050	25.969	0.0692	6.726	4.7	88.0
40.0		5.639	33.074	26.075	0.0887	6.573	3.8	88.6
50.0		5.343	33.080	26.114	0.1074	6.382	3.8	88.4
60.0		4.940	33.095	26.172	0.1257	6.337	4.0	87.7
70.0		5.069	33.167	26.215	0.1435	6.174	2.4	88.6
80.0		4.898	33.190	26.252	0.1609	6.127	2.3	88.4
90.0		4.829	33.198	26.266	0.1781	6.059	2.4	88.1
100.0		4.819	33.200	26.268	0.1952	6.039	2.2	88.0
110.0		4.803	33.246	26.307	0.2123	5.993	2.2	88.0
120.0		4.793	33.288	26.341	0.2289	5.922	2.0	88.0
130.0		4.956	33.407	26.417	0.2450	5.672	1.8	86.6
137.0		5.050	33.452	26.443	0.2560	5.524	1.7	85.6



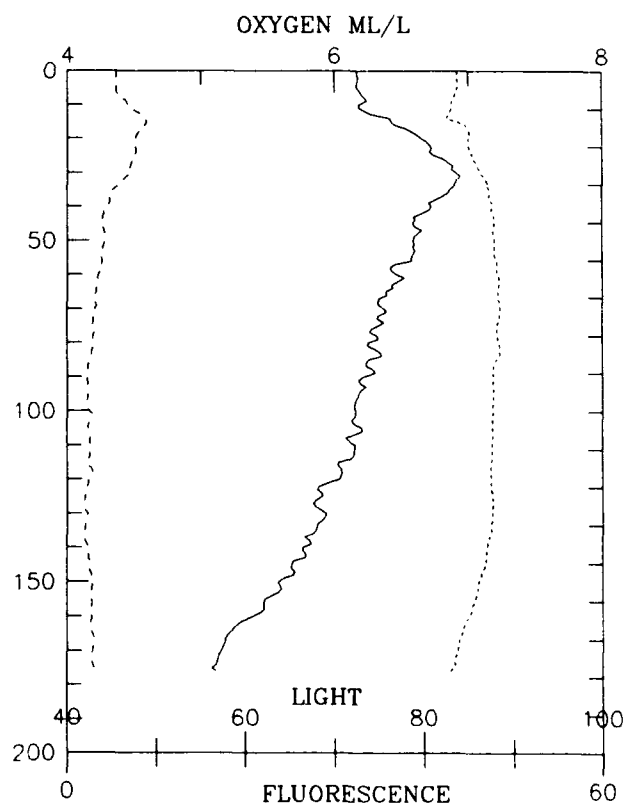
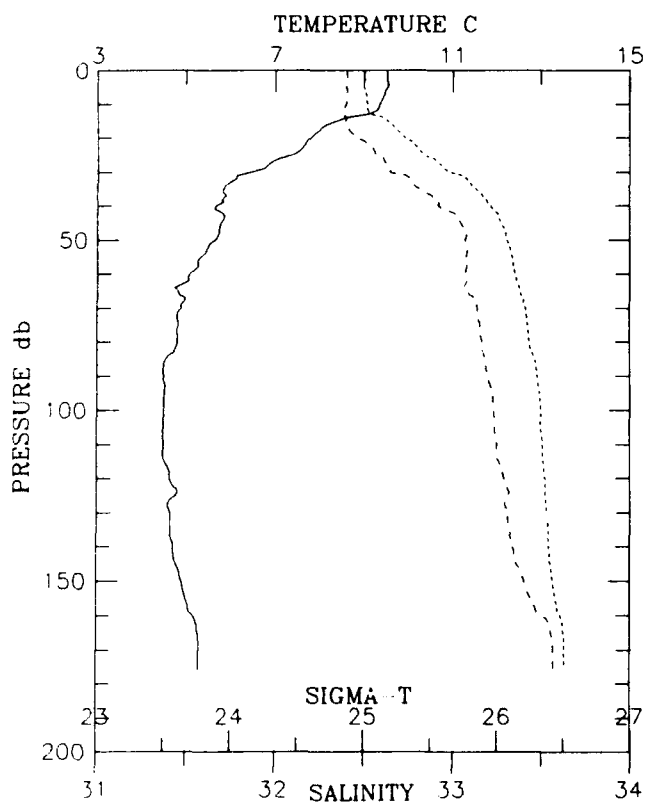
Cruise EN196 Consecutive Station # 34 Depth m:163 Time: 1989-05-22 11:31
 Position: 41° 49.50'N 68° 36.94'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.413	32.776	25.312	0.0000	6.311	8.5	79.3
10.0		9.380	32.775	25.316	0.0262	6.339	9.3	79.3
20.0		7.990	32.835	25.576	0.0510	6.790	20.1	77.4
30.0		7.588	32.867	25.659	0.0745	6.694	11.9	84.5
40.0		5.989	33.038	26.004	0.0953	6.746	5.3	87.8
50.0		5.074	33.076	26.142	0.1141	6.490	4.9	87.9
60.0		4.855	33.126	26.206	0.1322	6.375	4.1	87.7
70.0		4.734	33.232	26.304	0.1494	6.164	3.0	87.6
80.0		4.782	33.278	26.334	0.1660	5.937	2.2	87.7
90.0		4.771	33.297	26.351	0.1824	5.819	1.8	87.6
100.0		4.767	33.323	26.372	0.1987	5.765	2.0	87.5
110.0		4.830	33.345	26.382	0.2148	5.672	1.7	87.5
120.0		4.843	33.360	26.392	0.2308	5.636	1.7	87.4
130.0		4.906	33.391	26.410	0.2467	5.578	1.7	87.3
140.0		5.084	33.460	26.445	0.2624	5.417	1.7	87.2
150.0		5.258	33.538	26.486	0.2778	5.353	1.8	86.8
160.0		5.854	33.785	26.611	0.2921	4.741	2.0	83.3
161.0		5.854	33.784	26.610	0.2935	4.729	2.0	83.3



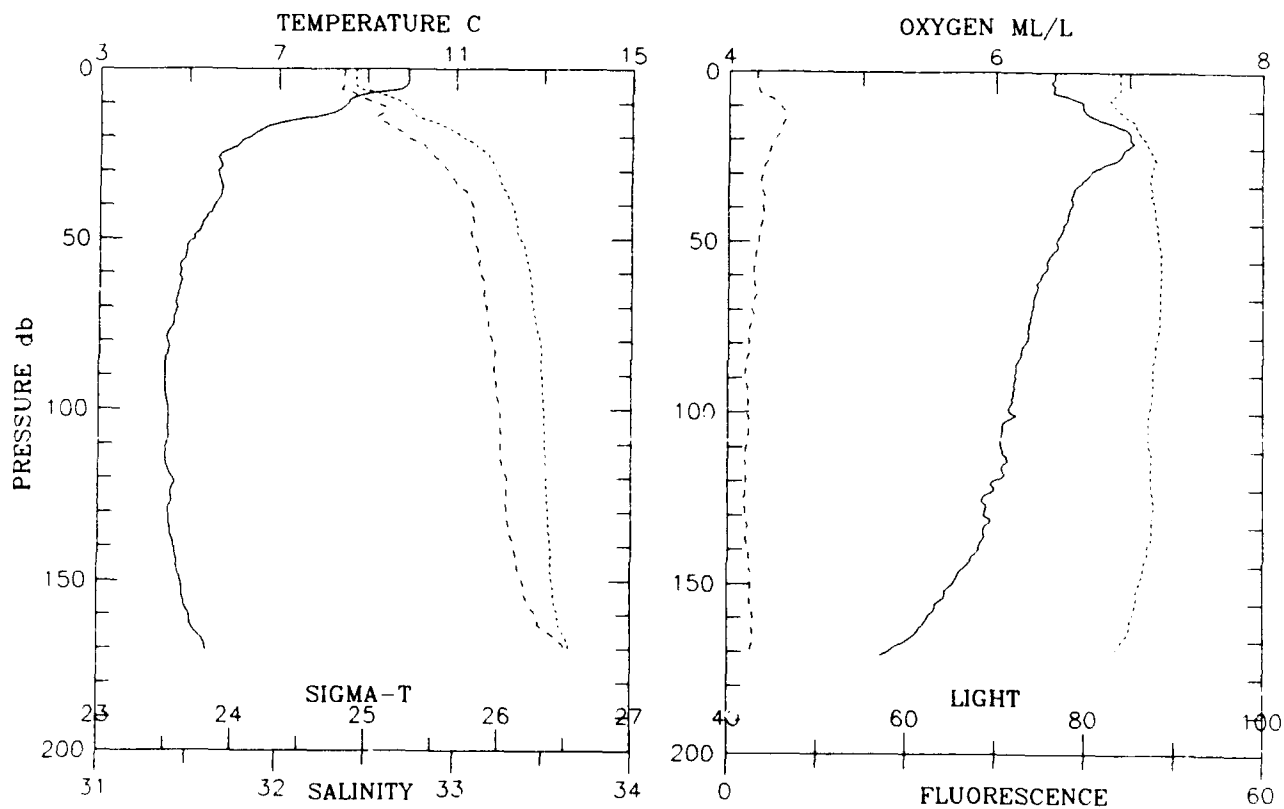
Cruise EN196 Consecutive Station # 35 Depth m:182 Time: 1989-05-22 13:06
 Position: 41° 44.08'N 68° 39.93'W Depth Deck Offset: -0.15 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 9.526	32.405	25.004	0.0000	6.172	5.5	83.8
10.0	9.354	32.396	25.024	0.0291	6.187	6.8	83.1
20.0	7.801	32.453	25.303	0.0568	6.646	7.7	85.0
30.0	6.439	32.642	25.635	0.0815	6.906	7.1	86.3
40.0	5.675	32.918	25.948	0.1027	6.722	4.5	87.6
50.0	5.649	33.072	26.072	0.1221	6.586	4.2	87.9
60.0	5.090	33.070	26.135	0.1408	6.459	3.5	88.3
70.0	4.892	33.141	26.214	0.1588	6.372	3.1	88.6
80.0	4.803	33.166	26.243	0.1763	6.254	2.9	88.4
90.0	4.496	33.199	26.302	0.1933	6.215	2.2	87.8
100.0	4.498	33.231	26.328	0.2100	6.158	2.4	87.7
110.0	4.497	33.249	26.342	0.2265	6.155	2.6	87.6
120.0	4.638	33.290	26.360	0.2429	6.037	2.4	87.5
130.0	4.649	33.308	26.373	0.2591	5.938	2.3	87.6
140.0	4.716	33.341	26.392	0.2752	5.764	2.4	87.0
150.0	4.908	33.403	26.419	0.2912	5.579	2.8	86.1
160.0	5.167	33.511	26.476	0.3067	5.387	2.7	85.1
170.0	5.301	33.566	26.504	0.3218	5.153	2.8	83.8
176.0	5.309	33.569	26.505	0.3308	5.115	3.1	83.0



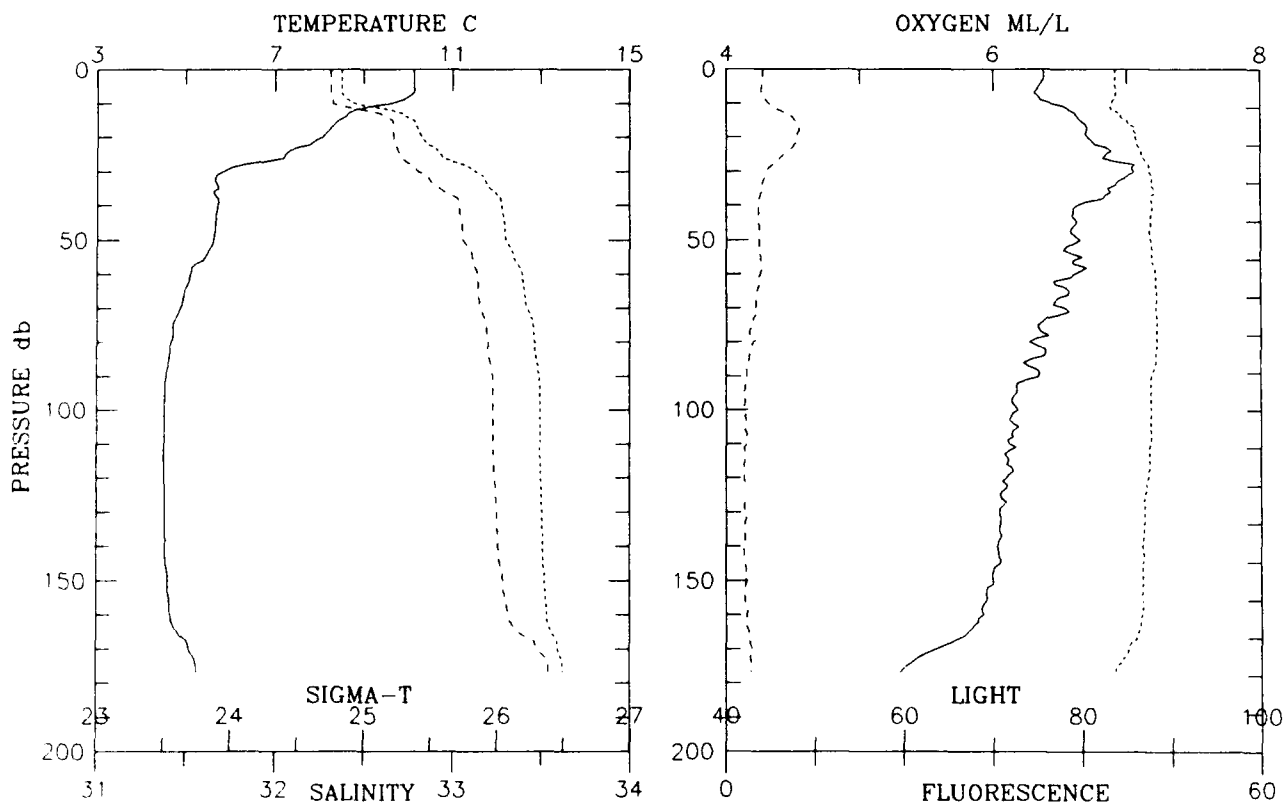
Cruise EN196 Consecutive Station # 36 Depth m:183 Time: 1989-05-22 17:04
 Position: 41° 45.88'N 68° 39.29'W Depth Deck Offset: -0.15 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)	
0.0	E	9.918	32.367	24.910	0.0000	6.436	3.1	83.9
10.0		8.553	32.543	25.264	0.0292	6.649	5.7	83.4
20.0		6.377	32.718	25.703	0.0538	7.006	5.1	86.8
30.0		5.659	32.961	25.983	0.0746	6.705	3.9	87.5
40.0		5.595	33.100	26.101	0.0939	6.559	3.9	87.9
50.0		5.144	33.106	26.158	0.1124	6.457	3.4	88.3
60.0		4.819	33.146	26.226	0.1301	6.342	2.9	88.6
70.0		4.757	33.180	26.260	0.1475	6.270	2.6	88.5
80.0		4.534	33.211	26.308	0.1645	6.220	2.3	87.9
90.0		4.496	33.231	26.328	0.1811	6.157	2.0	87.7
100.0		4.573	33.258	26.341	0.1976	6.110	2.0	87.2
110.0		4.532	33.260	26.347	0.2140	6.044	2.0	87.2
120.0		4.680	33.300	26.363	0.2304	5.980	2.0	87.4
130.0		4.580	33.297	26.371	0.2466	5.914	1.9	87.5
140.0		4.707	33.339	26.391	0.2627	5.873	2.2	87.0
150.0		4.885	33.391	26.412	0.2787	5.687	2.6	86.1
160.0		5.064	33.465	26.451	0.2944	5.498	2.9	85.1
170.0		5.437	33.627	26.536	0.3096	5.198	2.6	83.4
171.0		5.457	33.631	26.537	0.3110	5.142	2.6	83.3



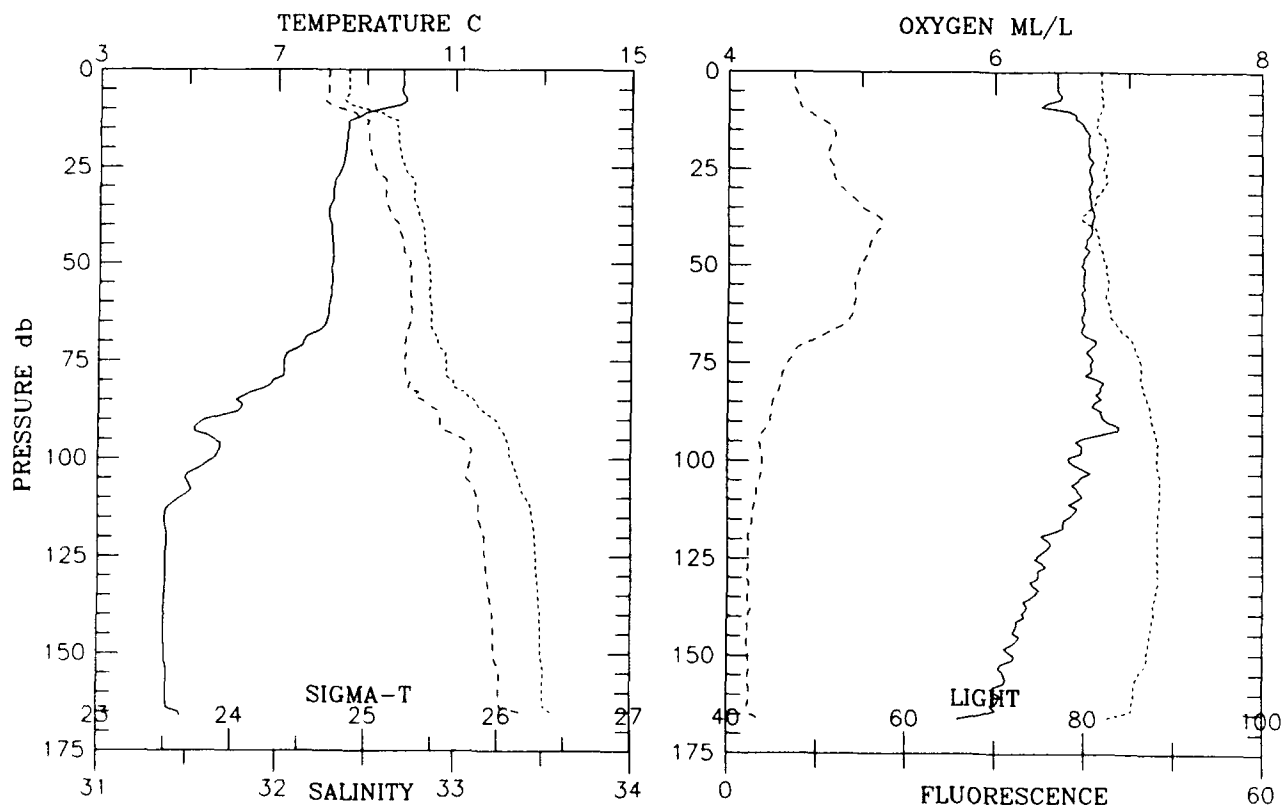
Cruise EN196 Consecutive Station # 37 Depth m:185 Time: 1989-05-22 19:46
 Position: 41° 44.75'N 68° 38.96'W Depth Deck Offset: -0.38 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.126	32.315	24.836	0.0000	6.377	4.1	83.7
10.0	9.617	32.324	24.926	0.0307	6.441	4.8	83.3
20.0	8.069	32.667	25.432	0.0570	6.702	7.9	85.9
30.0	5.839	32.806	25.839	0.0804	7.052	4.6	87.5
40.0	5.707	33.037	26.038	0.1005	6.628	3.6	87.9
50.0	5.609	33.056	26.064	0.1196	6.645	3.7	87.6
60.0	5.096	33.141	26.191	0.1381	6.603	3.8	88.2
70.0	4.868	33.158	26.230	0.1558	6.538	3.3	88.2
80.0	4.669	33.198	26.283	0.1729	6.266	3.0	88.3
90.0	4.557	33.226	26.317	0.1898	6.335	2.3	87.7
100.0	4.517	33.227	26.322	0.2064	6.182	2.2	87.6
110.0	4.514	33.228	26.323	0.2230	6.117	2.2	87.5
120.0	4.519	33.236	26.329	0.2396	6.099	2.0	87.3
130.0	4.530	33.247	26.337	0.2561	6.045	2.2	86.9
140.0	4.542	33.257	26.344	0.2726	6.032	2.0	86.7
150.0	4.600	33.284	26.359	0.2890	5.997	2.2	86.7
160.0	4.661	33.311	26.374	0.3053	5.922	2.3	86.6
170.0	5.086	33.479	26.460	0.3212	5.571	2.9	85.1
177.0	5.243	33.541	26.491	0.3318	5.298	2.8	83.5



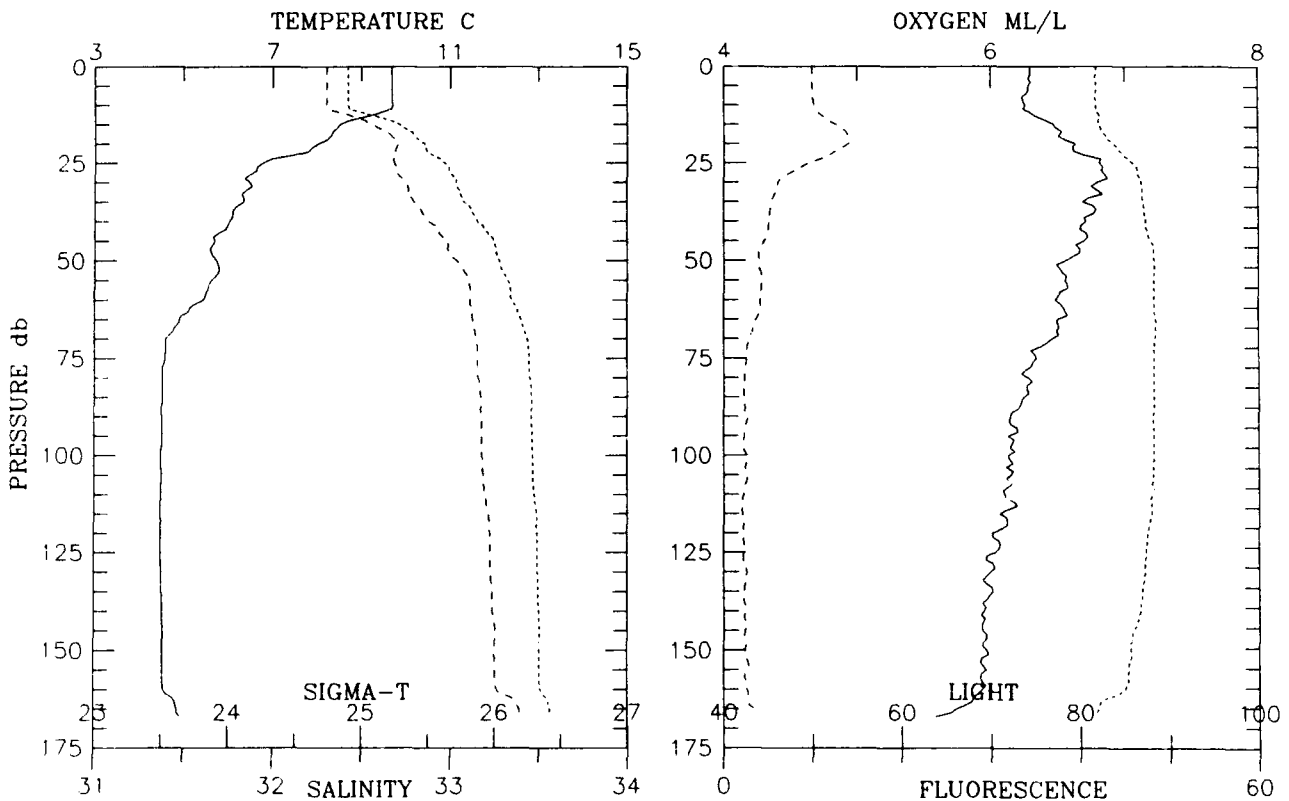
Cruise EN196 Consecutive Station # 38 Depth m:172 Time: 1989-05-22 22:02
 Position: 41° 41.84'N 68° 40.37'W Depth Deck Offset: -0.53 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.807	32.284	24.864	0.0000	6.466	7.4	81.9
10.0		9.343	32.348	24.988	0.0305	6.543	8.6	81.9
20.0		8.530	32.517	25.246	0.0578	6.708	11.3	82.6
30.0		8.265	32.609	25.358	0.0842	6.706	12.9	82.1
40.0		8.207	32.684	25.426	0.1098	6.721	17.2	81.2
50.0		8.235	32.745	25.469	0.1348	6.647	14.8	82.5
60.0		8.178	32.756	25.486	0.1595	6.669	14.2	82.8
70.0		7.611	32.725	25.544	0.1840	6.754	8.7	85.6
80.0		6.908	32.751	25.660	0.2076	6.811	6.0	86.4
90.0		5.410	32.921	25.980	0.2293	6.845	4.8	87.6
100.0		5.610	33.099	26.098	0.2485	6.558	3.9	88.2
110.0		4.852	33.131	26.211	0.2668	6.608	3.1	88.4
120.0		4.545	33.171	26.275	0.2841	6.391	2.3	88.2
130.0		4.509	33.185	26.290	0.3011	6.317	2.1	88.2
140.0		4.498	33.220	26.319	0.3180	6.219	2.3	87.7
150.0		4.511	33.230	26.325	0.3346	6.148	2.3	87.1
160.0		4.568	33.261	26.344	0.3512	6.041	2.4	85.6
166.0		4.888	33.400	26.420	0.3609	5.726	3.6	82.2



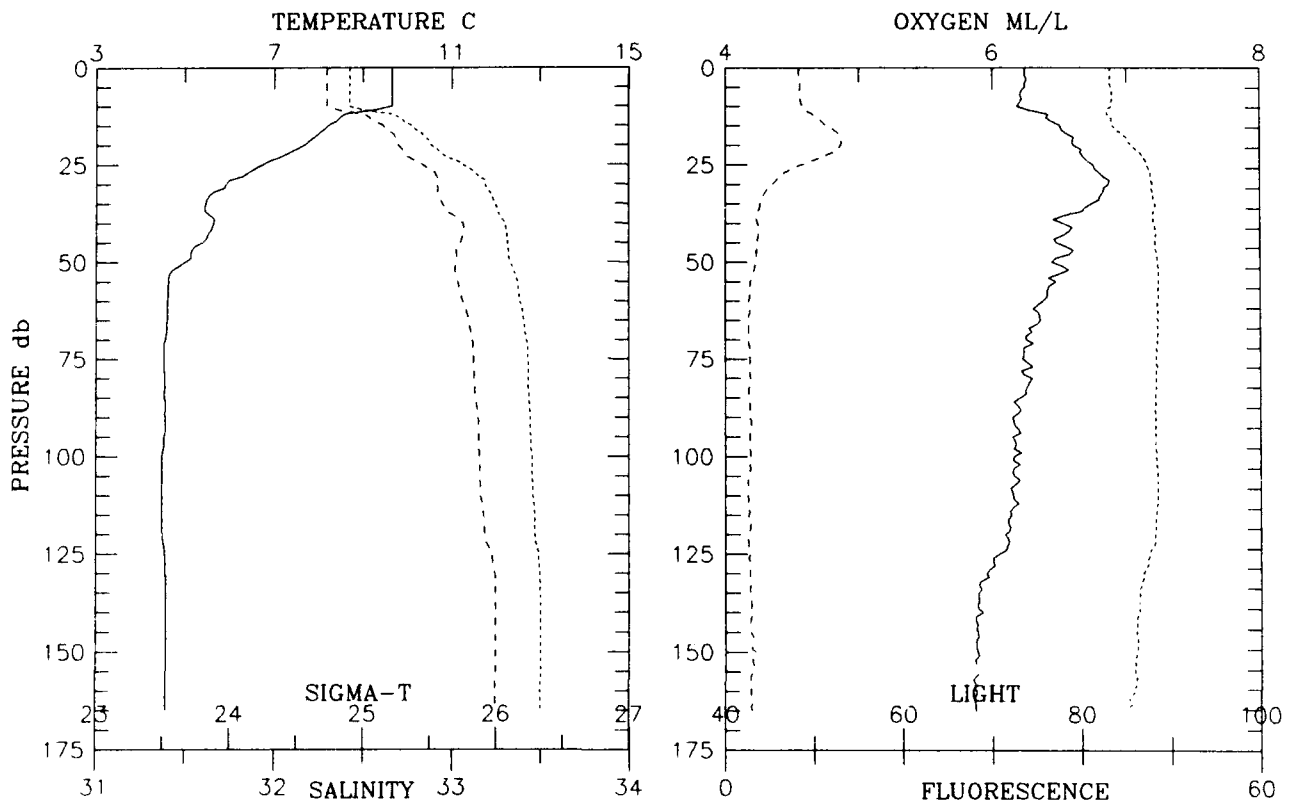
Cruise EN196 Consecutive Station # 39 Depth m:174 Time: 1989-05-23 01:05
 Position: 41° 42.06'N 68° 40.13'W Depth Deck Offset: -0.35 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.680	32.304	24.900	0.0000	6.296	9.9	81.8
10.0		9.689	32.299	24.895	0.0302	6.260	10.2	81.8
20.0		8.002	32.707	25.473	0.0572	6.630	14.0	83.8
30.0		6.479	32.745	25.711	0.0807	6.797	6.1	86.9
40.0		6.024	32.877	25.872	0.1024	6.708	5.1	87.3
50.0		5.742	33.039	26.035	0.1223	6.560	4.0	88.3
60.0		5.450	33.114	26.128	0.1411	6.483	4.1	88.3
70.0		4.609	33.145	26.248	0.1589	6.457	2.9	88.3
80.0		4.528	33.158	26.266	0.1761	6.276	2.3	88.2
90.0		4.528	33.177	26.281	0.1932	6.149	2.8	88.1
100.0		4.506	33.181	26.287	0.2102	6.125	2.7	88.2
110.0		4.504	33.199	26.301	0.2271	6.103	2.2	88.0
120.0		4.499	33.225	26.323	0.2438	6.008	2.2	87.5
130.0		4.510	33.230	26.325	0.2604	5.999	2.6	87.2
140.0		4.525	33.240	26.332	0.2770	5.944	2.4	86.7
150.0		4.547	33.252	26.339	0.2935	5.967	2.4	85.6
160.0		4.568	33.264	26.346	0.3101	5.935	2.6	84.9
167.0		4.936	33.418	26.429	0.3213	5.577	3.5	81.6



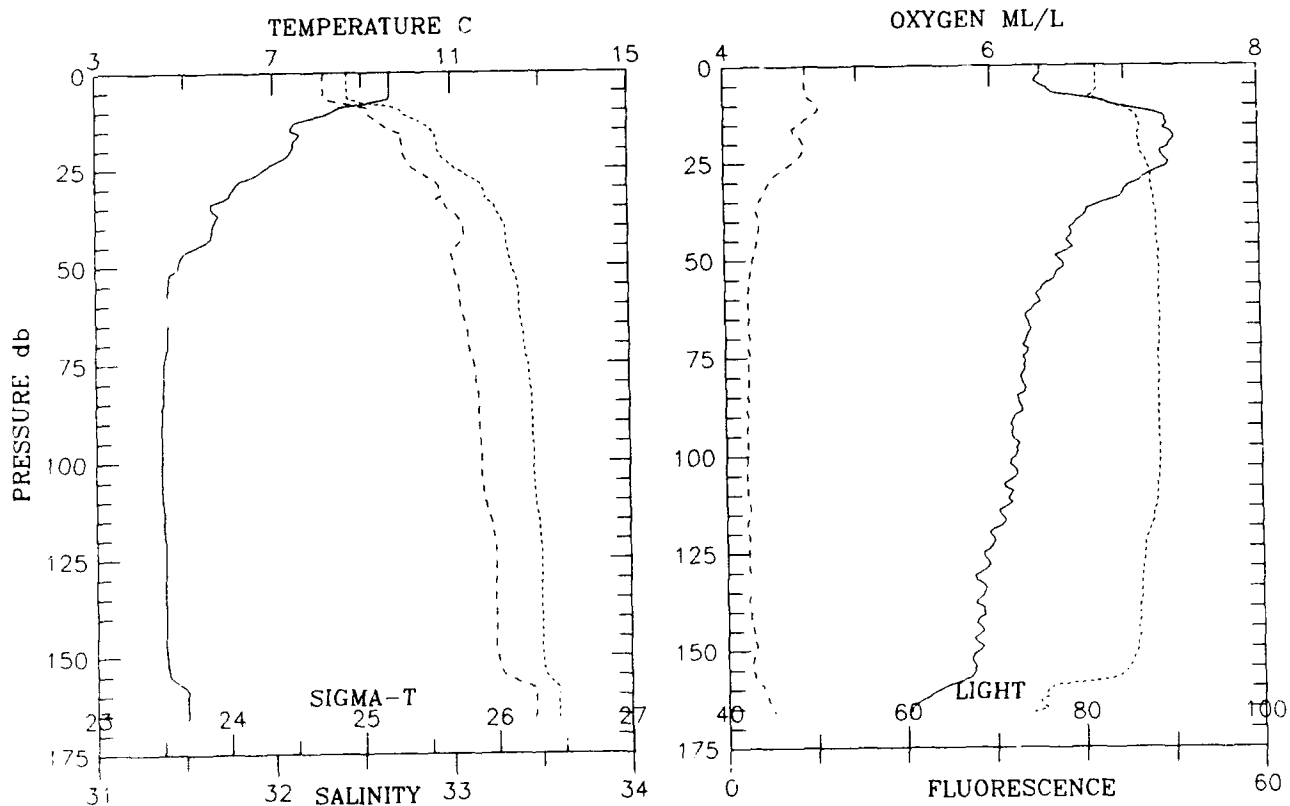
Cruise EN196 Consecutive Station # 40 Depth m:174 Time: 1989-05-23 04:06
 Position: 41° 42.02'N 68° 40.30'W Depth Deck Offset: -0.35 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.646	32.298	24.901	0.0000	6.243	8.3	83.2
10.0		9.646	32.297	24.900	0.0302	6.185	8.6	83.3
20.0		7.684	32.695	25.510	0.0563	6.602	13.0	85.6
30.0		5.916	32.915	25.915	0.0785	6.864	5.2	87.9
40.0		5.636	33.063	26.067	0.0982	6.527	3.6	88.0
50.0		4.994	33.019	26.105	0.1171	6.442	3.4	88.5
60.0		4.611	33.059	26.179	0.1353	6.373	2.6	88.5
70.0		4.569	33.114	26.227	0.1530	6.249	2.6	88.4
80.0		4.539	33.125	26.239	0.1704	6.291	2.8	88.3
90.0		4.552	33.147	26.255	0.1877	6.149	2.7	88.2
100.0		4.494	33.155	26.268	0.2049	6.159	2.8	88.3
110.0		4.480	33.161	26.274	0.2220	6.150	2.5	88.4
120.0		4.497	33.186	26.292	0.2390	6.088	2.6	88.1
130.0		4.568	33.241	26.328	0.2557	5.954	2.7	86.8
140.0		4.573	33.245	26.331	0.2723	5.921	3.0	86.4
150.0		4.573	33.245	26.331	0.2889	5.883	3.4	86.1
160.0		4.573	33.244	26.330	0.3055	5.879	2.9	85.8
165.0		4.572	33.244	26.330	0.3138	5.877	3.0	85.0



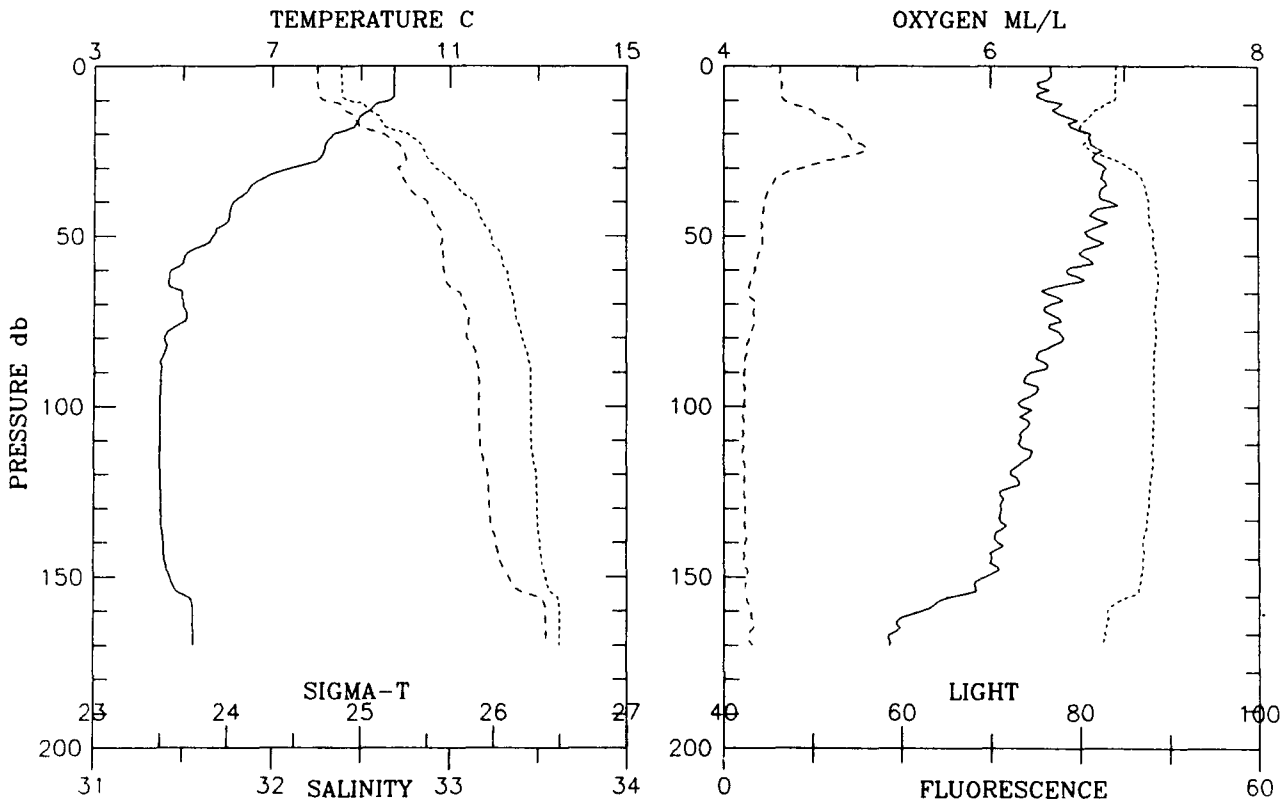
Cruise EN196 Consecutive Station # 41 Depth m:174 Time: 1989-05-23 07:06
 Position: 41° 42.02'N 68° 40.30'W Depth Deck Offset: -0.35 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.638	32.287	24.894	0.0000	6.372	9.3	81.9
10.0		8.339	32.546	25.298	0.0295	6.918	10.7	83.9
20.0		7.423	32.724	25.568	0.0540	7.334	9.0	86.6
30.0		6.112	32.935	25.907	0.0763	7.110	5.1	87.9
40.0		5.628	33.066	26.070	0.0961	6.642	3.8	88.4
50.0		4.871	33.019	26.120	0.1149	6.505	3.1	88.6
60.0		4.613	33.051	26.172	0.1330	6.345	2.6	88.6
70.0		4.600	33.090	26.205	0.1509	6.249	2.7	88.6
80.0		4.526	33.136	26.250	0.1683	6.206	2.6	88.6
90.0		4.478	33.153	26.268	0.1855	6.159	2.5	88.5
100.0		4.467	33.161	26.276	0.2026	6.160	2.3	88.5
110.0		4.488	33.184	26.292	0.2196	6.119	2.4	88.2
120.0		4.545	33.234	26.325	0.2363	5.963	2.4	87.1
130.0		4.547	33.237	26.328	0.2529	5.889	2.5	86.4
140.0		4.545	33.237	26.328	0.2695	5.909	2.5	86.1
150.0		4.571	33.251	26.335	0.2861	5.886	3.0	85.8
160.0		5.027	33.459	26.451	0.3023	5.582	3.8	75.8
166.0		5.024	33.453	26.447	0.3116	5.359	5.2	74.1



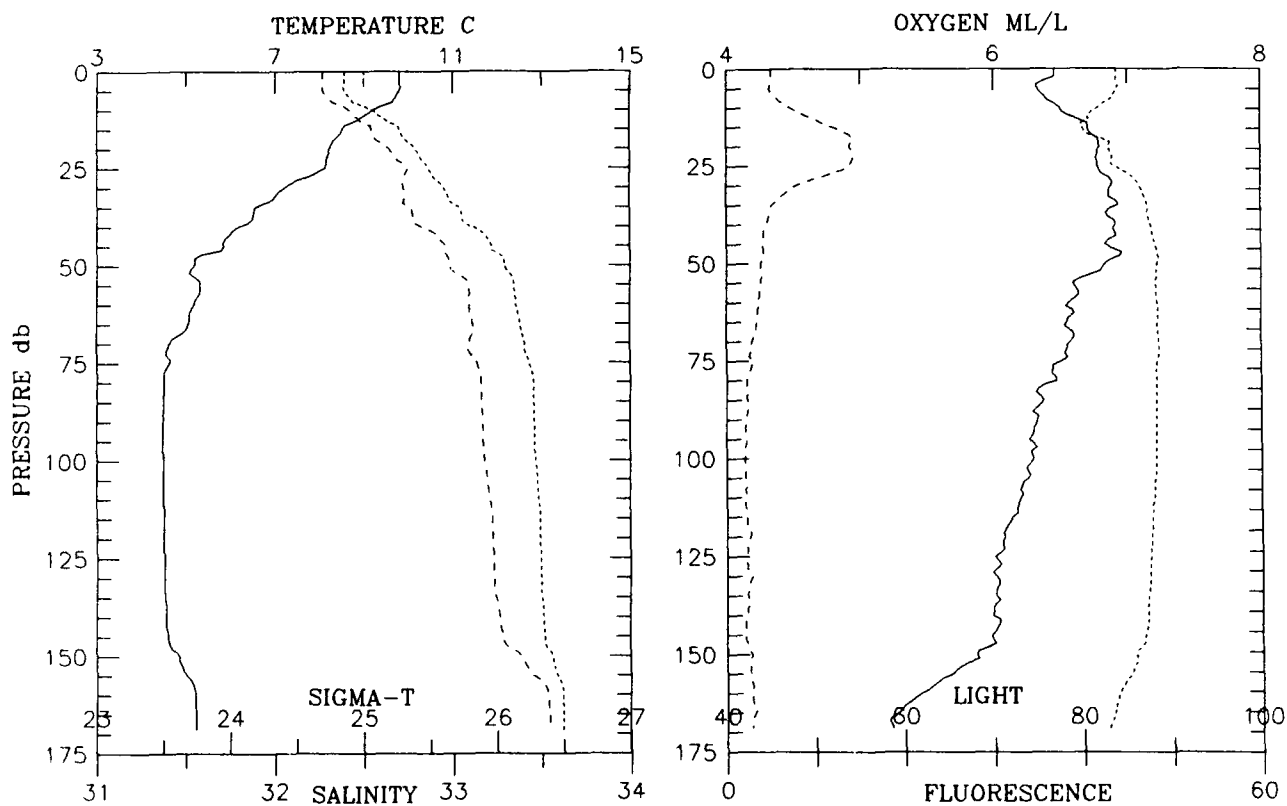
Cruise EN196 Consecutive Station # 42 Depth m:174 Time: 1989-05-23 10:04
 Position: 41° 42.02'N 68° 40.31'W Depth Deck Offset: -0.20 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.747	32.254	24.850	0.0000	6.449	6.3	84.1
10.0		9.649	32.288	24.893	0.0306	6.411	6.8	83.9
20.0		8.394	32.628	25.353	0.0586	6.747	14.1	80.7
30.0		7.410	32.702	25.553	0.0834	6.858	8.7	85.5
40.0		6.131	32.874	25.857	0.1058	6.899	4.5	87.7
50.0		5.678	32.961	25.981	0.1263	6.724	4.3	88.2
60.0		4.718	32.966	26.094	0.1457	6.566	3.5	88.6
70.0		5.012	33.076	26.149	0.1642	6.441	3.6	88.4
80.0		4.593	33.096	26.211	0.1821	6.542	2.9	88.5
90.0		4.507	33.163	26.273	0.1994	6.293	2.2	88.2
100.0		4.491	33.167	26.278	0.2165	6.223	2.2	88.2
110.0		4.490	33.172	26.282	0.2335	6.216	2.1	88.1
120.0		4.487	33.212	26.314	0.2504	6.144	2.2	87.9
130.0		4.504	33.225	26.323	0.2671	6.075	2.4	87.5
140.0		4.569	33.264	26.347	0.2836	6.049	2.4	87.0
150.0		4.709	33.332	26.385	0.2999	5.949	2.4	86.7
160.0		5.226	33.540	26.492	0.3155	5.479	3.0	83.0
170.0		5.238	33.543	26.493	0.3306	5.241	3.2	82.5



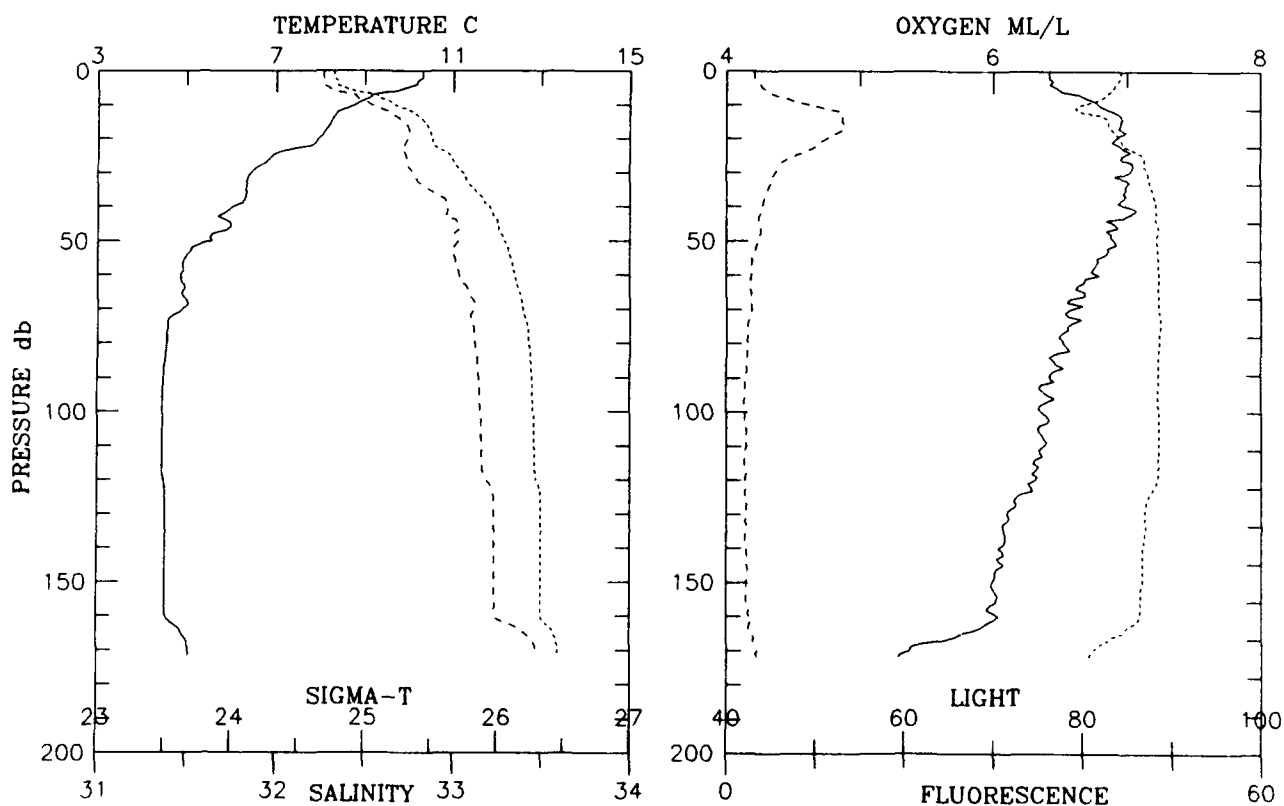
Cruise EN196 Consecutive Station # 43 Depth m:184 Time: 1989-05-23 12:57
 Position: 41° 41.99'N 68° 40.23'W Depth Deck Offset: -0.20 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.796	32.268	24.853	0.0000	6.455	5.0	83.8
10.0		9.209	32.420	25.066	0.0302	6.499	7.3	81.8
20.0		8.223	32.644	25.392	0.0571	6.794	13.9	82.9
30.0		7.225	32.724	25.596	0.0816	6.884	7.8	86.4
40.0		6.156	32.821	25.812	0.1043	6.915	4.4	87.6
50.0		5.182	32.982	26.055	0.1243	6.833	3.8	88.3
60.0		5.181	33.091	26.141	0.1429	6.566	3.6	88.3
70.0		4.638	33.096	26.206	0.1609	6.581	2.9	88.5
80.0		4.497	33.156	26.269	0.1783	6.468	2.2	88.2
90.0		4.493	33.165	26.276	0.1954	6.322	2.2	88.2
100.0		4.486	33.175	26.285	0.2124	6.291	2.0	88.1
110.0		4.485	33.207	26.310	0.2292	6.199	2.2	88.0
120.0		4.503	33.224	26.322	0.2459	6.080	2.6	87.6
130.0		4.518	33.232	26.327	0.2626	6.012	2.8	87.4
140.0		4.558	33.262	26.346	0.2791	5.985	2.2	87.2
150.0		4.848	33.386	26.413	0.2954	5.863	2.8	85.9
160.0		5.205	33.532	26.488	0.3109	5.448	2.7	83.9
169.0		5.232	33.543	26.494	0.3245	5.239	2.8	82.8



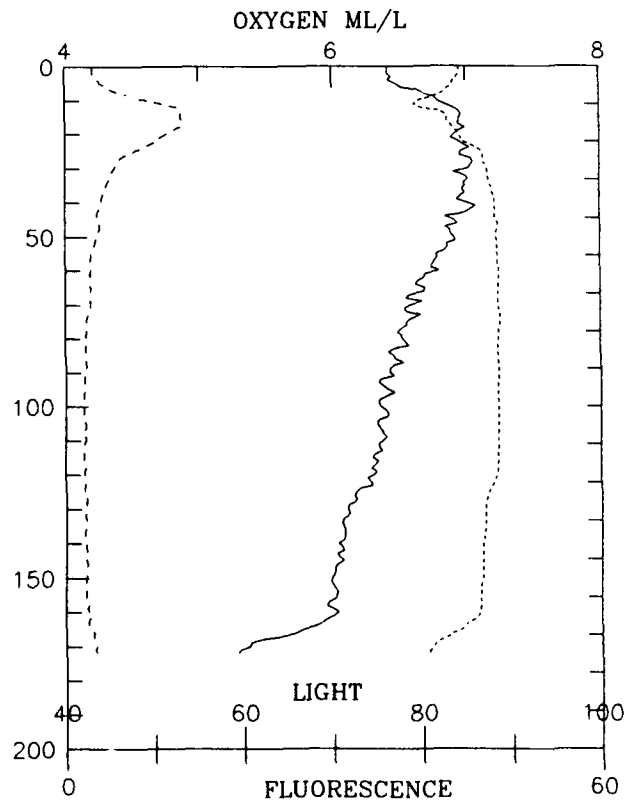
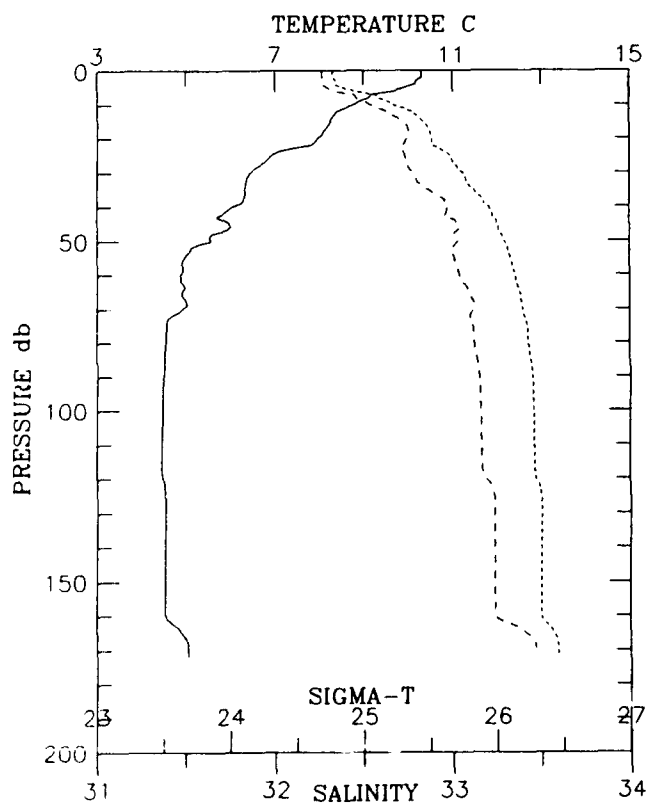
Cruise EN196 Consecutive Station # 44 Depth m:175 Time: 1989-05-23 16:09
 Position: 41° 42.09'N 68° 40.26'W Depth Deck Offset: -0.20 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.299	32.268	24.770	0.0000	6.419	3.1	84.3
10.0	8.782	32.534	25.222	0.0299	6.794	9.4	79.7
20.0	7.970	32.742	25.506	0.0551	6.913	11.3	84.1
30.0	6.445	32.776	25.740	0.0784	7.016	5.5	87.3
40.0	6.036	32.964	25.940	0.0997	7.006	4.0	88.2
50.0	5.568	33.031	26.050	0.1194	6.909	3.5	88.3
60.0	4.873	33.035	26.132	0.1381	6.794	2.8	88.6
70.0	4.903	33.117	26.193	0.1562	6.574	2.8	88.6
80.0	4.552	33.122	26.236	0.1738	6.520	2.4	88.6
90.0	4.491	33.146	26.261	0.1911	6.423	2.2	88.5
100.0	4.469	33.156	26.271	0.2082	6.355	2.0	88.5
110.0	4.461	33.161	26.276	0.2253	6.368	2.2	88.5
120.0	4.484	33.183	26.291	0.2423	6.308	2.1	88.3
130.0	4.525	33.232	26.326	0.2590	6.104	2.2	87.0
140.0	4.526	33.232	26.326	0.2756	6.037	2.2	86.7
150.0	4.529	33.234	26.327	0.2922	5.985	2.2	86.7
160.0	4.548	33.240	26.330	0.3089	6.035	2.6	86.4
170.0	5.048	33.467	26.455	0.3247	5.369	3.4	81.1
172.0	5.056	33.469	26.456	0.3278	5.282	3.4	80.6



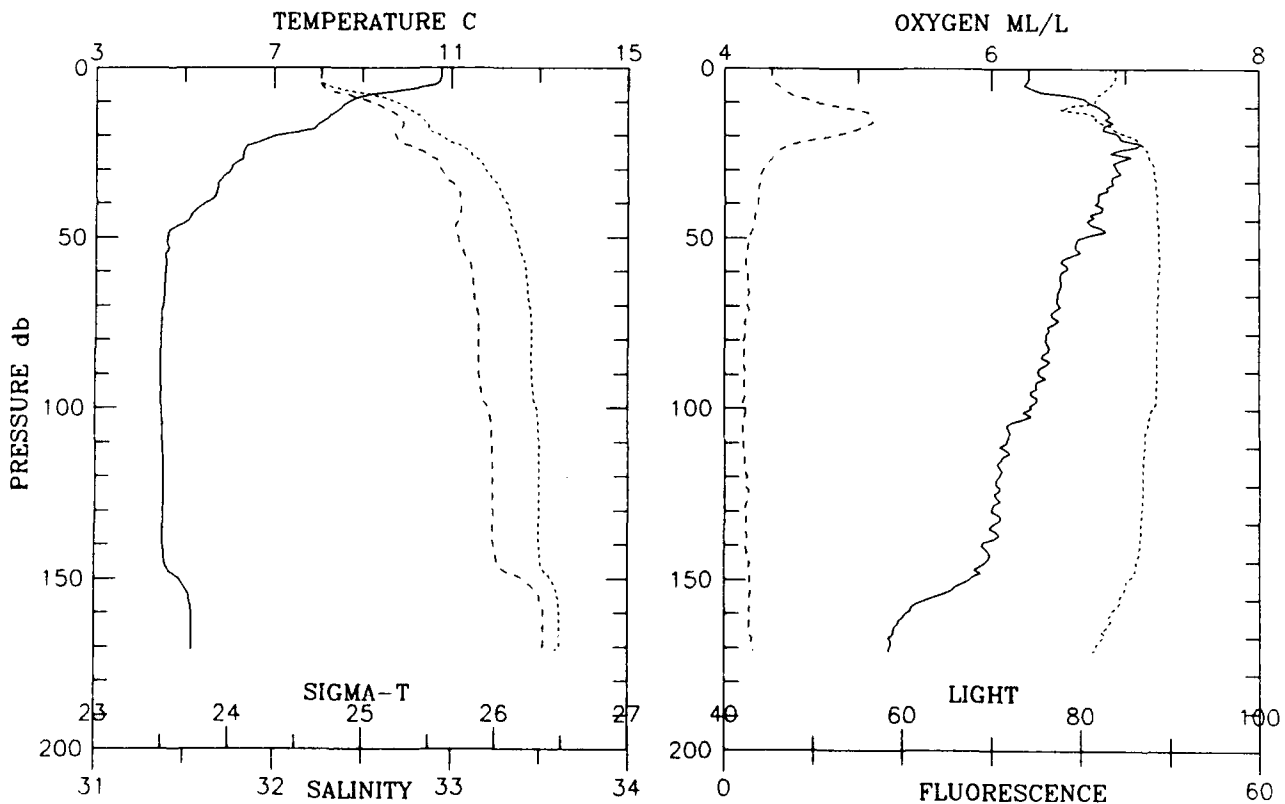
Cruise EN196 Consecutive Station # 46 Depth m:174 Time: 1989-05-23 20:31
 Position: 41° 41.94'N 68° 40.24'W Depth Deck Offset: 0.08 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.778	32.267	24.687	0.0000	6.278	5.3	83.9
10.0		8.674	32.546	25.247	0.0307	6.728	10.4	81.6
20.0		7.060	32.686	25.588	0.0559	6.958	12.2	85.7
30.0		6.044	32.943	25.922	0.0775	6.942	4.3	88.2
40.0		5.444	33.056	26.083	0.0971	6.771	3.7	88.5
50.0		4.616	33.040	26.164	0.1156	6.644	2.8	88.7
60.0		4.569	33.116	26.229	0.1333	6.520	2.4	88.7
70.0		4.514	33.142	26.255	0.1507	6.510	2.5	88.5
80.0		4.475	33.155	26.270	0.1678	6.397	2.1	88.5
90.0		4.469	33.159	26.274	0.1849	6.356	2.2	88.5
100.0		4.495	33.212	26.313	0.2019	6.293	2.3	87.9
110.0		4.519	33.232	26.326	0.2185	6.106	2.1	87.1
120.0		4.526	33.234	26.327	0.2351	6.051	2.5	86.9
130.0		4.535	33.236	26.328	0.2517	5.999	2.3	86.7
140.0		4.537	33.241	26.332	0.2683	5.921	2.4	86.6
150.0		4.912	33.407	26.422	0.2846	5.825	2.8	85.1
160.0		5.183	33.523	26.484	0.3000	5.353	2.9	83.3
170.0		5.182	33.522	26.483	0.3152	5.229	3.1	81.7
171.0		5.180	33.481	26.451	0.3167	5.231	3.2	81.2



Cruise EN196 Consecutive Station # 47 Depth m:165 Time: 1989-05-24 00:03
 Position: 41° 43.69'N 68° 48.01'W Depth Deck Offset: -0.38 Fish 1

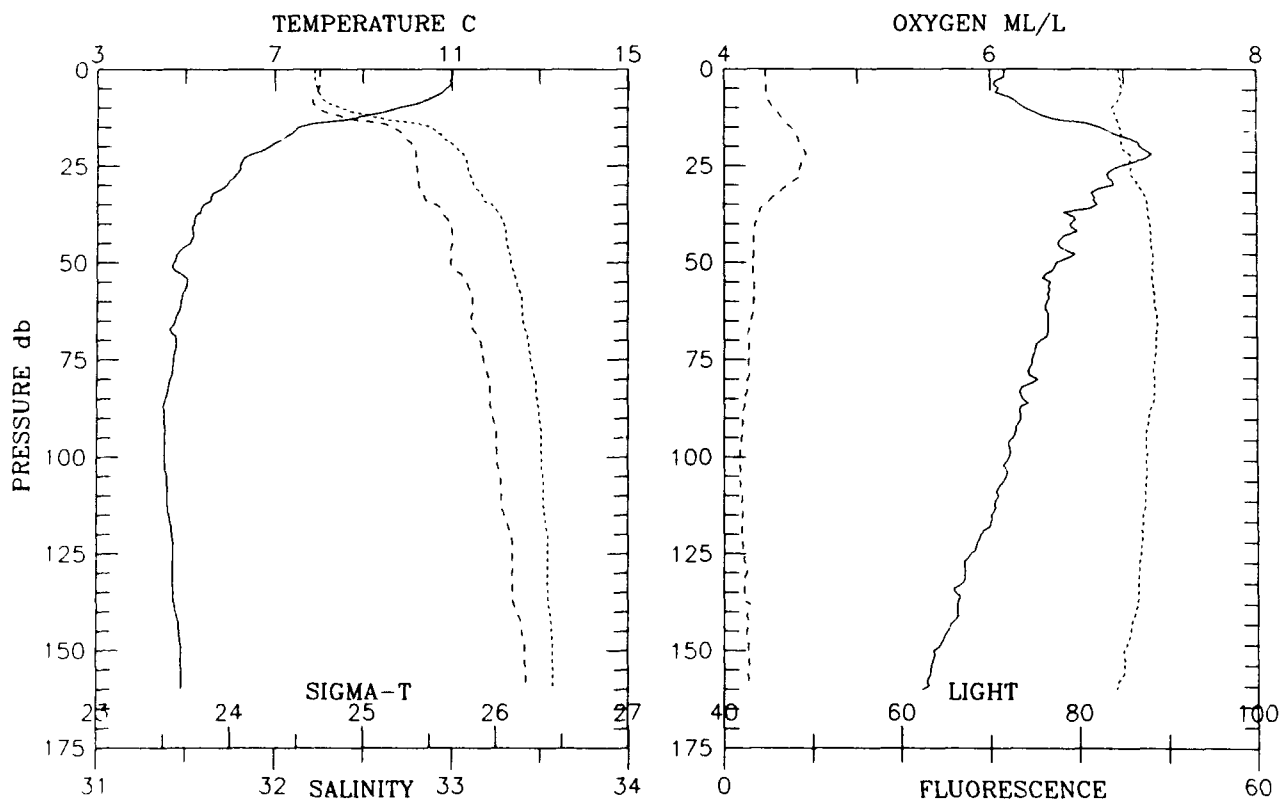
PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 11.023	32.256	24.636	0.0000	6.107	4.7	84.5
10.0	9.791	32.242	24.834	0.0323	6.261	5.6	83.7
20.0	6.891	32.793	25.695	0.0579	7.116	8.6	84.7
30.0	5.918	32.813	25.835	0.0797	6.921	7.1	86.6
40.0	5.184	32.988	26.060	0.0997	6.598	3.5	87.9
50.0	4.734	32.994	26.115	0.1185	6.498	3.2	88.3
60.0	4.894	33.119	26.196	0.1366	6.424	3.3	88.4
70.0	4.787	33.163	26.243	0.1543	6.373	2.7	88.6
80.0	4.647	33.217	26.301	0.1714	6.356	2.6	88.4
90.0	4.516	33.234	26.328	0.1881	6.226	2.0	87.8
100.0	4.537	33.259	26.346	0.2045	6.142	1.8	87.5
110.0	4.588	33.280	26.357	0.2209	6.060	2.0	87.3
120.0	4.702	33.335	26.389	0.2371	5.925	2.0	87.0
130.0	4.724	33.344	26.393	0.2531	5.809	2.5	86.6
140.0	4.780	33.367	26.406	0.2690	5.749	2.6	86.2
150.0	4.908	33.418	26.431	0.2848	5.573	2.7	84.9
160.0	4.910	33.417	26.430	0.3004	5.485	2.9	84.1



Cruise EN196 Consecutive Station # 48 Depth m:175 Time: 1989-05-24 03:02
 Position: 41° 42.07'N 68° 40.40'W Depth Deck Offset: -0.38 Fish 1

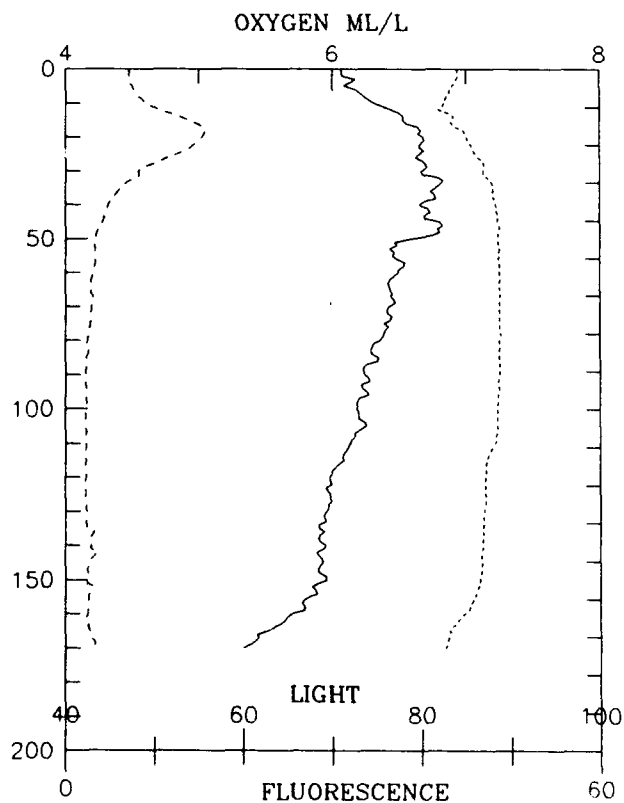
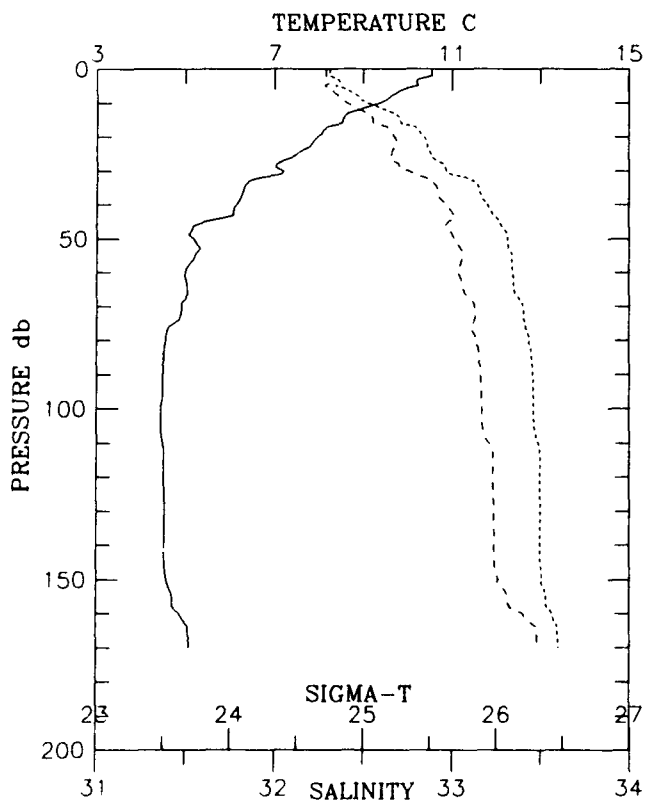
PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
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0.0	E	10.539	32.290	24.746	0.0000	6.070	7.2	84.1
10.0		9.341	32.404	25.033	0.0306	6.312	9.0	82.6
20.0		7.959	32.675	25.455	0.0571	6.681	15.4	85.1
30.0		7.199	32.749	25.619	0.0813	6.659	8.2	86.9
40.0		6.147	32.967	25.929	0.1026	6.651	4.8	88.3
50.0		5.186	33.012	26.079	0.1221	6.567	3.3	88.6
60.0		4.991	33.037	26.120	0.1408	6.488	3.1	88.7
70.0		4.910	33.125	26.199	0.1590	6.420	2.9	88.7
80.0		4.552	33.135	26.246	0.1767	6.357	2.5	88.7
90.0		4.485	33.158	26.271	0.1938	6.240	2.2	88.7
100.0		4.461	33.168	26.281	0.2109	6.181	2.3	88.5
110.0		4.486	33.210	26.312	0.2278	6.125	2.3	88.2
120.0		4.520	33.232	26.326	0.2444	5.977	2.3	87.1
130.0		4.525	33.234	26.327	0.2610	5.950	2.4	87.0
140.0		4.532	33.237	26.329	0.2776	5.948	2.9	86.8
150.0		4.571	33.258	26.341	0.2942	5.952	2.5	86.5
160.0		4.874	33.397	26.418	0.3104	5.687	2.5	84.7
170.0		5.088	33.483	26.463	0.3259	5.328	3.1	82.6



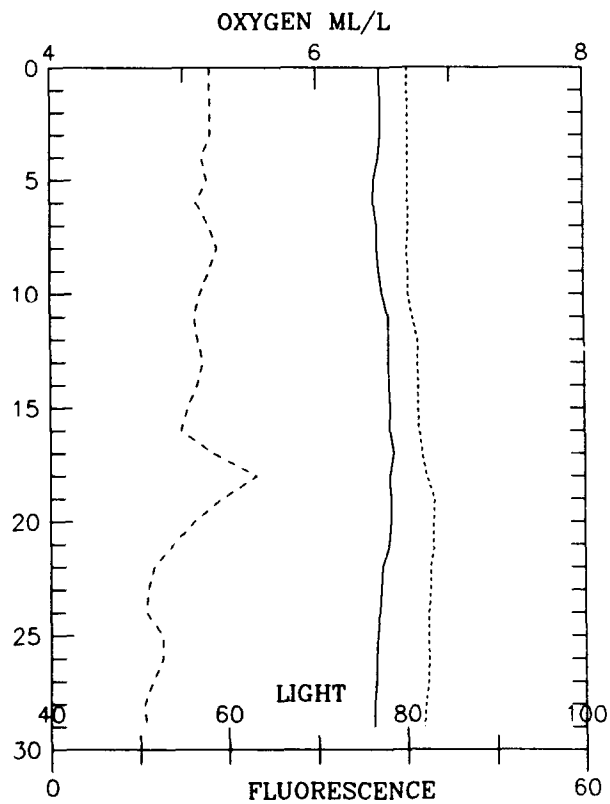
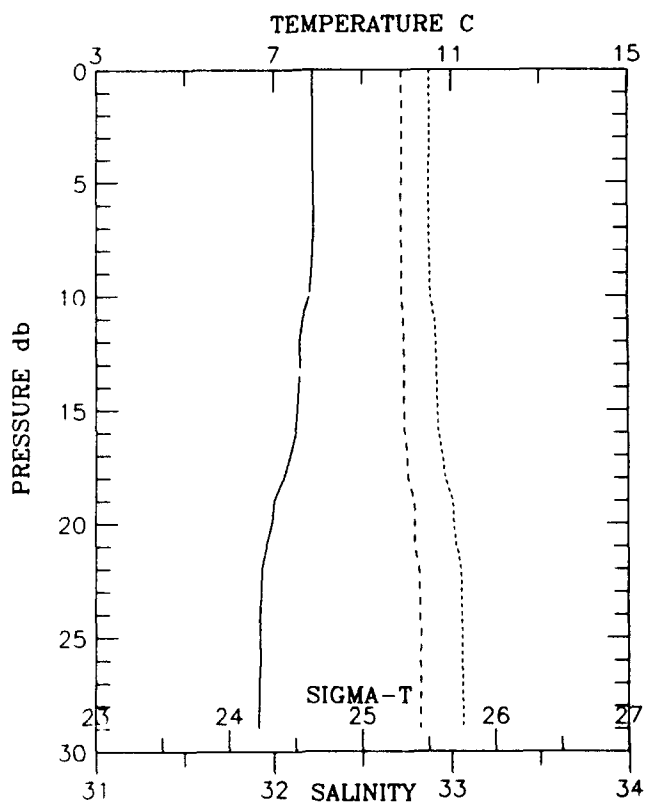
Cruise EN196 Consecutive Station # 49 Depth m:176 Time: 1989-05-24 05:33
 Position: 41° 40.05'N 68° 33.03'W Depth Deck Offset: -0.38 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 9.347	32.749	25.301	0.0000	6.154	7.3	83.9
10.0	8.299	32.772	25.481	0.0259	6.375	7.6	84.3
20.0	8.000	32.797	25.544	0.0502	6.518	7.3	85.3
30.0	6.502	32.860	25.799	0.0728	6.731	5.7	87.6
40.0	5.529	32.946	25.987	0.0934	6.571	4.2	87.7
50.0	5.392	32.968	26.020	0.1130	6.403	4.1	86.9
60.0	5.330	32.985	26.040	0.1324	6.373	4.5	85.4
70.0	5.157	33.011	26.081	0.1515	6.304	4.4	85.6
80.0	5.016	33.029	26.111	0.1703	6.242	4.0	86.4
90.0	4.954	33.044	26.130	0.1889	6.185	3.9	86.5
100.0	4.849	33.067	26.160	0.2072	6.186	3.9	86.4
110.0	4.752	33.086	26.186	0.2252	6.111	3.8	86.1
120.0	4.700	33.099	26.202	0.2431	6.133	3.4	85.6
130.0	4.698	33.102	26.204	0.2608	6.037	3.8	85.4
140.0	4.694	33.109	26.210	0.2786	6.000	3.5	84.8
150.0	4.598	33.139	26.244	0.2962	6.003	3.8	84.1
160.0	4.584	33.147	26.252	0.3136	5.943	3.7	83.4
164.0	4.584	33.147	26.252	0.3205	5.988	3.3	83.2



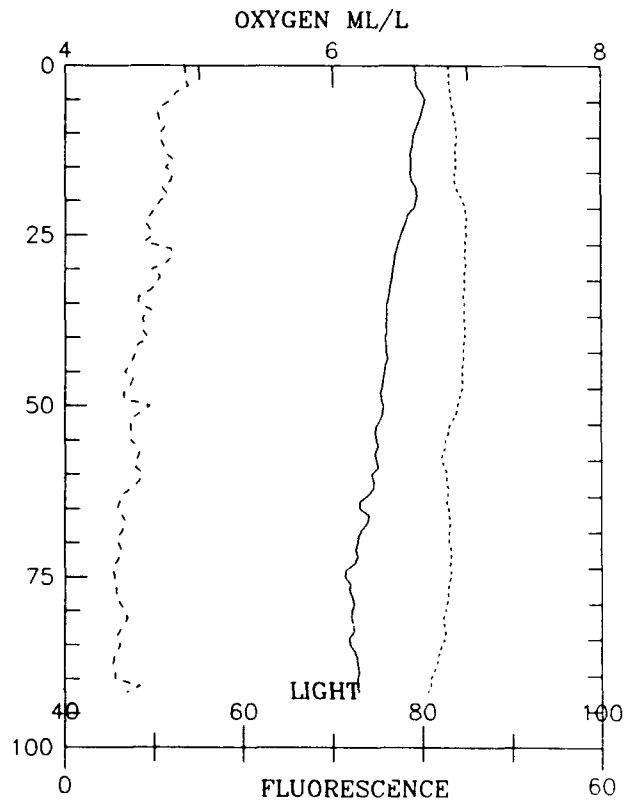
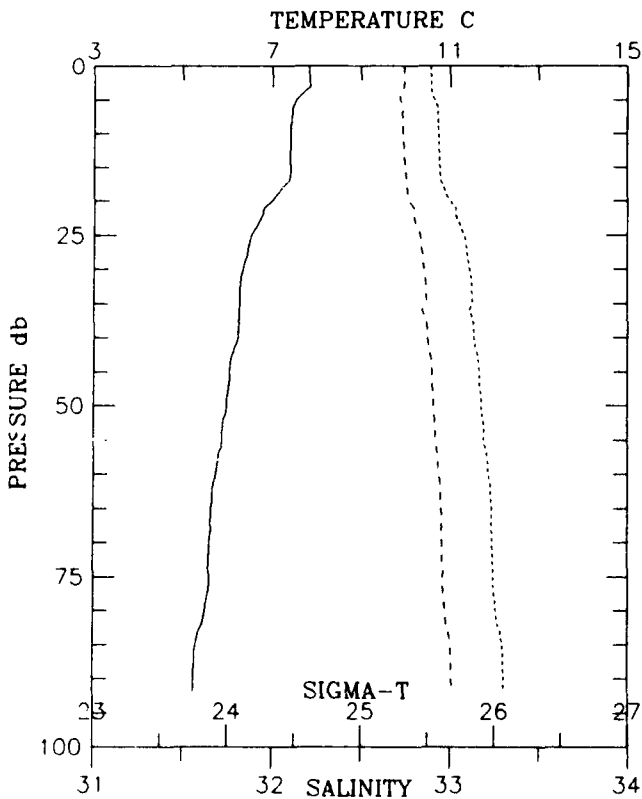
Cruise EN196 Consecutive Station # 50 Depth m:33 Time: 1989-05-24 08:44
 Position: 41° 38.95'N 68° 24.89'W Depth Deck Offset: -0.33 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%light)	CHANNELB (%light)	
0.0	E	7.875	32.722	25.503	0.0000	6.479	18.1	80.3
2.0	E	7.875	32.721	25.502	0.0049	6.481	18.1	80.3
4.0		7.882	32.720	25.501	0.0097	6.466	17.1	80.3
6.0		7.895	32.719	25.498	0.0146	6.427	16.5	80.3
8.0		7.875	32.720	25.502	0.0195	6.454	18.8	80.1
10.0		7.810	32.722	25.513	0.0244	6.492	16.9	80.3
12.0		7.589	32.732	25.552	0.0292	6.537	16.6	81.3
14.0		7.556	32.732	25.557	0.0340	6.533	16.5	81.3
16.0		7.478	32.737	25.571	0.0387	6.541	14.7	81.4
18.0		7.223	32.754	25.620	0.0434	6.541	23.2	82.2
20.0		6.957	32.794	25.687	0.0480	6.549	16.2	83.0
22.0		6.730	32.818	25.737	0.0525	6.482	11.6	82.6
24.0		6.691	32.824	25.746	0.0569	6.462	10.8	82.4
26.0		6.692	32.824	25.746	0.0613	6.431	12.6	82.4
28.0		6.666	32.828	25.753	0.0657	6.420	10.5	82.0
29.0		6.666	32.828	25.753	0.0679	6.420	10.7	81.9



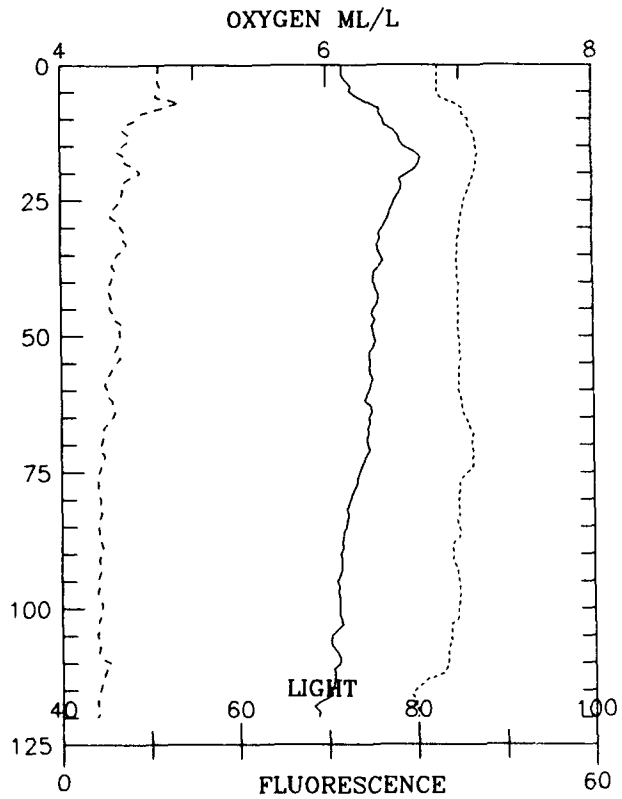
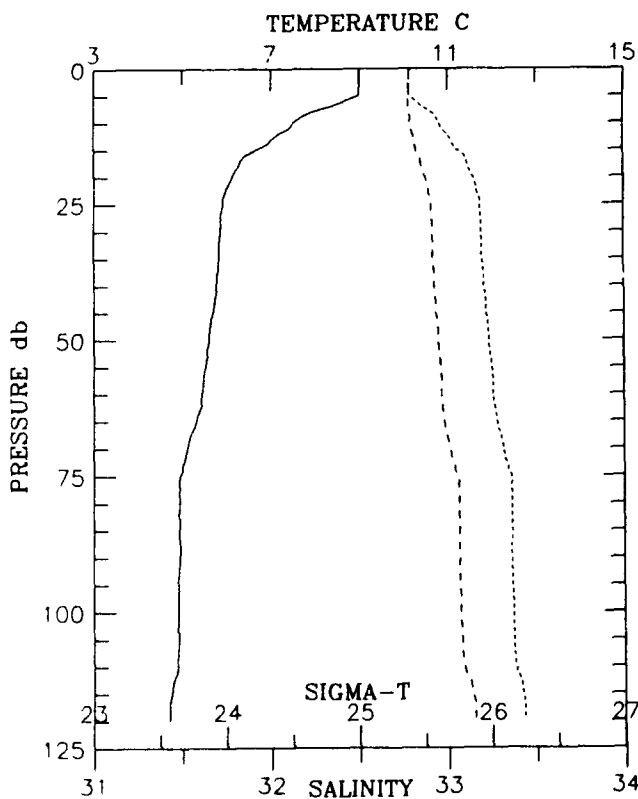
Cruise EN196 Consecutive Station # 51 Depth m:93 Time: 1989-05-24 09:21
 Position: 41° 39.27'N 68° 26.49'W Depth Deck Offset: -0.33 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 7.839	32.742	25.524	0.0000	6.614	13.5	83.0
5.0	7.532	32.718	25.549	0.0121	6.683	11.9	83.2
10.0	7.406	32.734	25.579	0.0239	6.609	10.7	83.8
15.0	7.409	32.747	25.589	0.0357	6.585	11.3	83.8
20.0	6.989	32.767	25.662	0.0474	6.617	10.7	84.5
25.0	6.531	32.832	25.773	0.0586	6.506	9.8	84.9
30.0	6.354	32.853	25.812	0.0694	6.448	9.7	84.7
35.0	6.271	32.866	25.833	0.0800	6.405	8.3	84.7
40.0	6.235	32.871	25.842	0.0906	6.389	9.3	84.7
45.0	6.046	32.898	25.886	0.1011	6.386	6.7	84.4
50.0	5.984	32.906	25.900	0.1115	6.377	9.5	83.9
55.0	5.880	32.918	25.922	0.1217	6.327	7.4	82.6
60.0	5.744	32.936	25.953	0.1318	6.286	8.7	82.7
65.0	5.639	32.951	25.978	0.1418	6.201	5.8	82.9
70.0	5.611	32.956	25.985	0.1517	6.188	6.0	83.0
75.0	5.586	32.959	25.990	0.1616	6.089	5.5	83.1
80.0	5.502	32.972	26.010	0.1715	6.143	6.7	82.5
85.0	5.298	33.003	26.059	0.1812	6.127	6.2	82.2
90.0	5.253	33.010	26.069	0.1907	6.186	5.6	80.9
92.0	5.251	33.011	26.071	0.1945	6.189	6.9	80.5



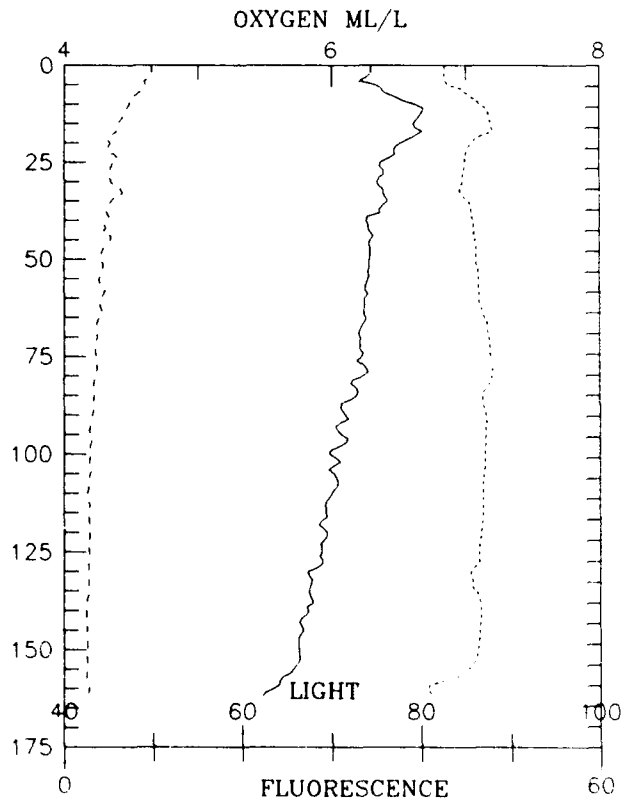
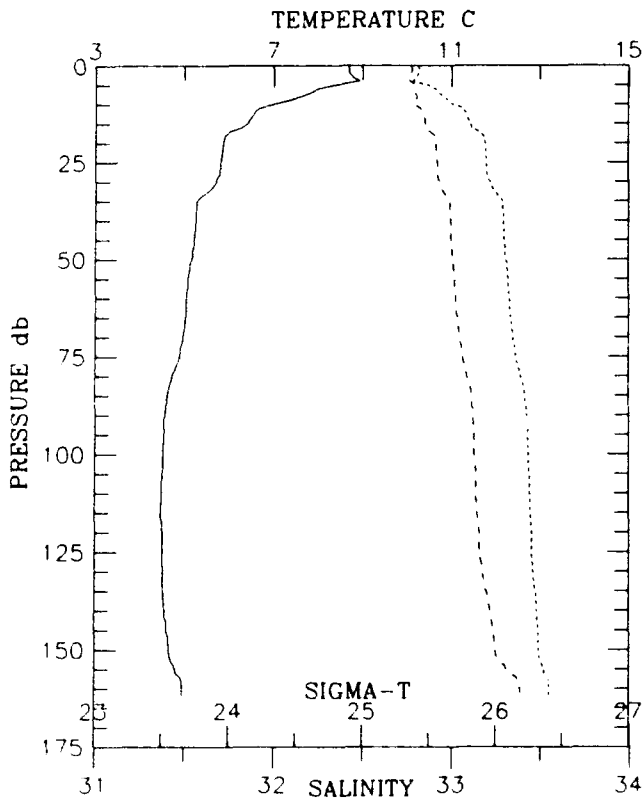
Cruise EN196 Consecutive Station # 52 Depth m:135 Time: 1989-05-24 10:04
 Position: 41° 38.92'N 68° 27.95'W Depth Deck Offset: -0.33 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%light)	CHANNELB (%light)
0.0	E 9.008	32.782	25.381	0.0000	6.122	11.1	82.6
10.0	7.529	32.787	25.604	0.0250	6.430	8.7	86.1
20.0	6.123	32.873	25.857	0.0470	6.618	9.0	86.6
30.0	5.866	32.912	25.920	0.0676	6.423	6.8	85.0
40.0	5.768	32.927	25.943	0.0879	6.349	5.6	84.8
50.0	5.612	32.948	25.978	0.1079	6.350	6.7	84.8
60.0	5.451	32.965	26.010	0.1276	6.319	5.3	84.8
70.0	5.111	33.013	26.088	0.1469	6.302	4.5	86.2
80.0	4.931	33.062	26.147	0.1653	6.172	4.4	84.7
90.0	4.943	33.065	26.148	0.1836	6.095	4.4	84.1
100.0	4.906	33.069	26.156	0.2019	6.083	4.5	84.6
110.0	4.875	33.089	26.175	0.2200	6.083	5.4	83.3
120.0	4.700	33.151	26.243	0.2376	5.920	3.8	79.9



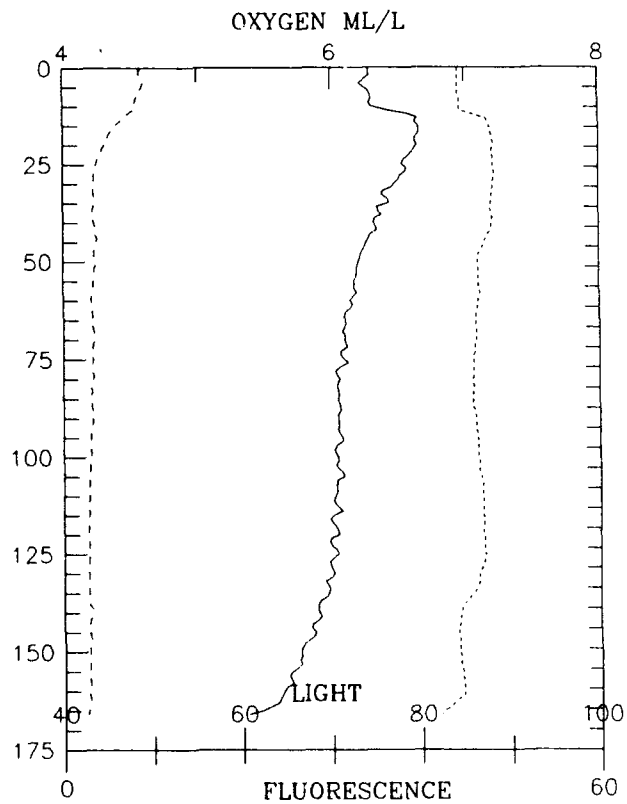
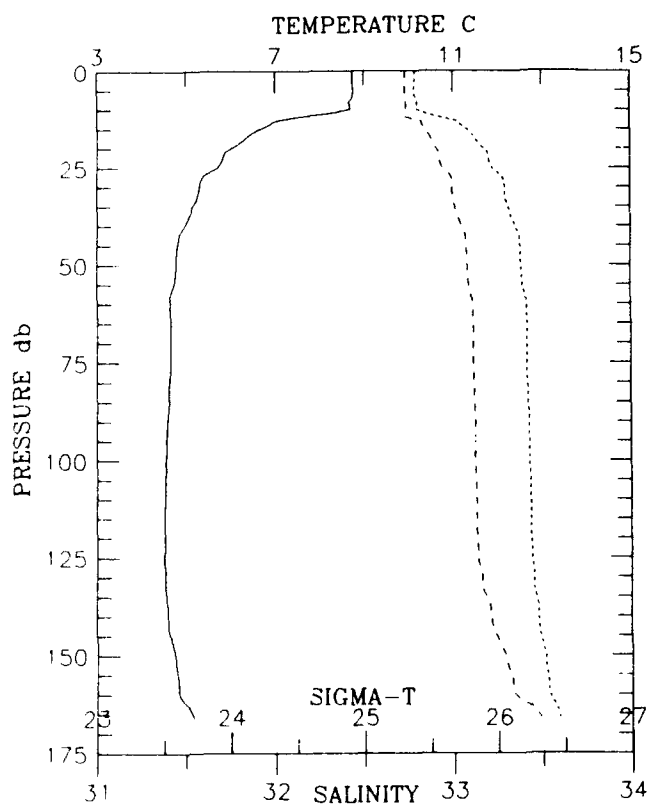
Cruise EN196 Consecutive Station # 53 Depth m:168 Time: 1989-05-24 10:52
 Position: 41° 39.46'N 68° 29.85'W Depth Deck Offset: -0.33 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	8.690	32.775	25.424	0.0000	6.293	9.8	82.6
10.0		6.995	32.785	25.675	0.0244	6.618	7.3	86.6
20.0		5.864	32.913	25.921	0.0457	6.516	5.1	85.6
30.0		5.713	32.932	25.954	0.0660	6.335	5.1	84.6
40.0		5.251	32.994	26.057	0.0854	6.260	4.6	85.7
50.0		5.171	33.003	26.073	0.1044	6.284	4.1	86.1
60.0		5.047	33.024	26.103	0.1232	6.244	4.1	86.5
70.0		4.972	33.047	26.131	0.1418	6.215	3.7	87.6
80.0		4.732	33.089	26.190	0.1599	6.235	3.5	87.9
90.0		4.570	33.121	26.233	0.1776	6.099	3.1	87.2
100.0		4.523	33.131	26.246	0.1949	5.983	2.9	87.1
110.0		4.498	33.141	26.257	0.2122	6.002	2.6	86.9
120.0		4.509	33.157	26.268	0.2294	5.962	2.8	86.6
130.0		4.526	33.177	26.282	0.2465	5.821	2.7	85.5
140.0		4.572	33.220	26.311	0.2634	5.824	2.5	86.6
150.0		4.663	33.249	26.324	0.2801	5.754	2.6	86.2
160.0		4.965	33.388	26.402	0.2964	5.565	2.8	80.6
162.0		4.967	33.388	26.401	0.2996	5.483	2.8	81.1



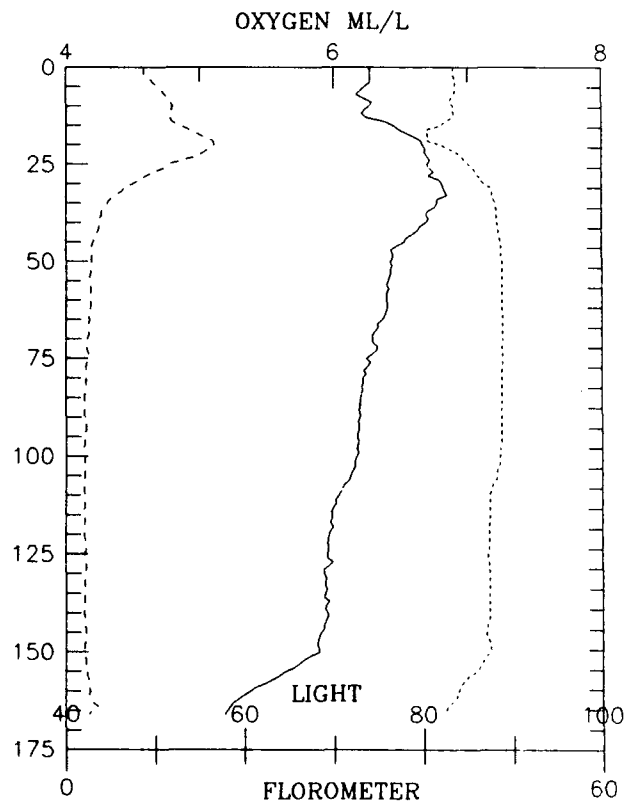
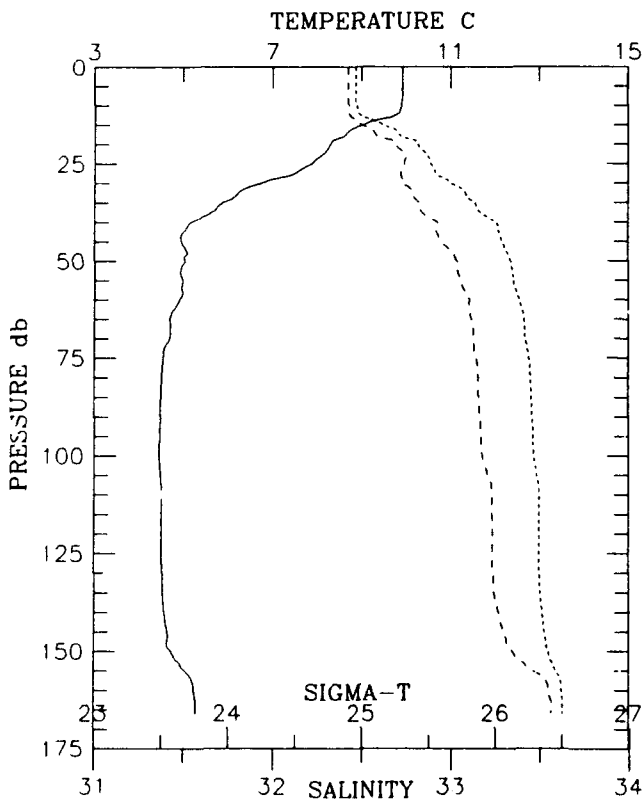
Cruise EN196 Consecutive Station # 54 Depth m:176 Time: 1989-05-24 12:12
 Position: 41° 40.01'N 68° 33.04'W Depth Deck Offset: -0.33 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	8.747	32.732	25.382	0.0000	6.289	8.6	84.3
10.0		8.684	32.737	25.396	0.0255	6.361	8.2	84.4
20.0		6.013	32.901	25.892	0.0478	6.643	4.6	88.1
30.0		5.298	32.997	26.054	0.0676	6.479	3.4	88.1
40.0		4.972	33.048	26.131	0.0865	6.314	3.4	87.9
50.0		4.778	33.080	26.178	0.1045	6.205	3.6	86.4
60.0		4.639	33.108	26.215	0.1223	6.144	3.1	86.4
70.0		4.643	33.109	26.215	0.1399	6.105	3.4	86.2
80.0		4.626	33.117	26.223	0.1575	6.062	3.3	85.8
90.0		4.581	33.120	26.231	0.1750	6.051	3.2	86.2
100.0		4.551	33.122	26.236	0.1925	6.051	2.9	86.4
110.0		4.522	33.128	26.244	0.2099	6.027	2.8	86.9
120.0		4.512	33.132	26.248	0.2272	6.056	2.7	87.0
130.0		4.530	33.158	26.267	0.2445	6.016	2.7	86.4
140.0		4.591	33.208	26.300	0.2615	5.900	3.1	84.4
150.0		4.737	33.285	26.345	0.2782	5.758	2.7	84.1
160.0		4.832	33.340	26.378	0.2945	5.633	2.6	84.6
166.0		5.151	33.485	26.457	0.3040	5.364	2.5	82.0



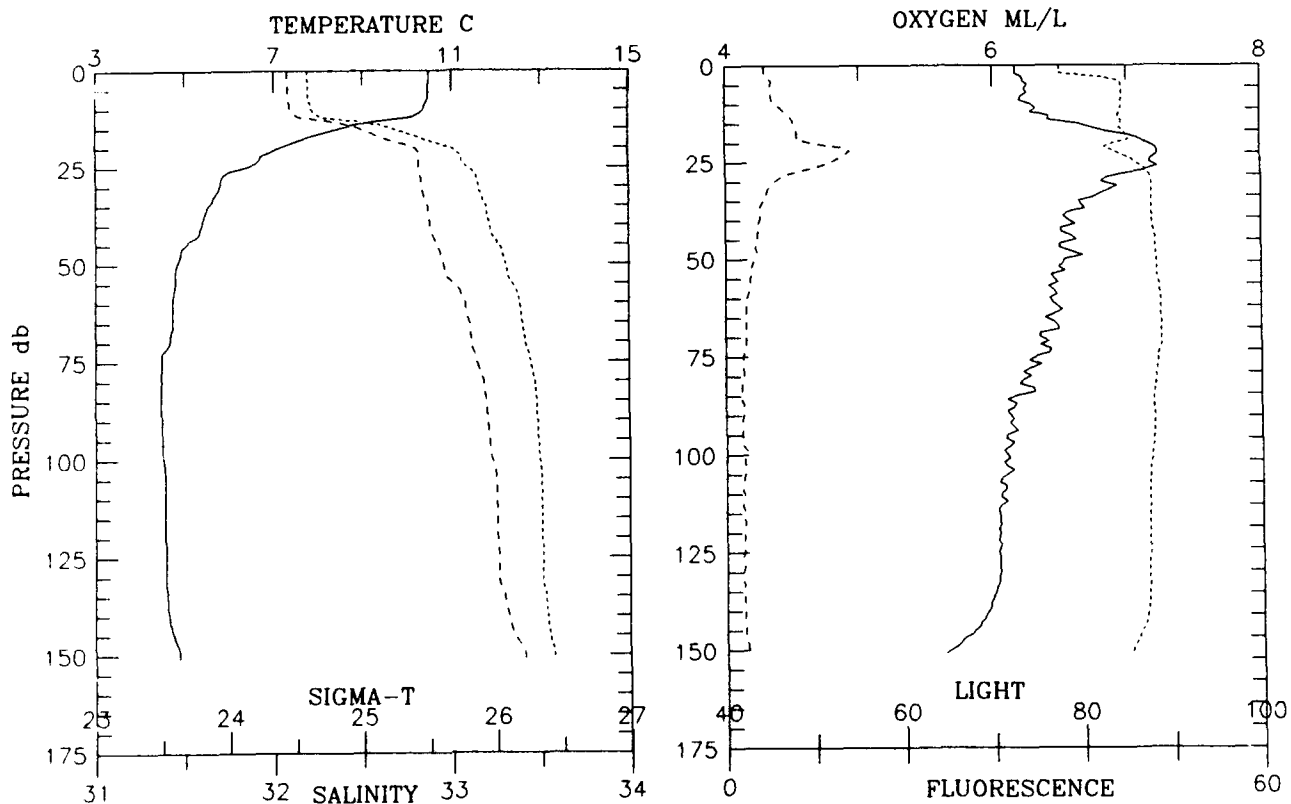
Cruise EN196 Consecutive Station # 55 Depth m:175 Time: 1989-05-24 14:37
 Position: 41° 42.00'N 68° 40.07'W Depth Deck Offset: -0.33 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%floro)	CHANNELB (%light)
0.0	E	9.908	32.425	24.958	0.0000	6.270	8.8	83.4
10.0		9.886	32.426	24.962	0.0296	6.262	11.9	83.3
20.0		8.285	32.685	25.415	0.0573	6.662	16.6	82.0
30.0		6.721	32.725	25.664	0.0815	6.805	7.5	86.8
40.0		5.161	32.927	26.014	0.1027	6.685	3.8	88.3
50.0		5.035	33.034	26.113	0.1218	6.421	2.8	88.8
60.0		4.916	33.102	26.180	0.1401	6.392	2.7	88.8
70.0		4.689	33.126	26.224	0.1578	6.288	2.4	88.9
80.0		4.517	33.153	26.264	0.1750	6.217	2.2	88.8
90.0		4.480	33.163	26.276	0.1921	6.190	2.1	88.7
100.0		4.462	33.176	26.288	0.2091	6.166	2.1	88.5
110.0		4.512	33.231	26.326	0.2259	6.035	2.1	87.4
120.0		4.519	33.235	26.329	0.2424	5.964	2.0	87.3
130.0		4.523	33.236	26.329	0.2590	5.925	2.2	87.3
140.0		4.576	33.268	26.349	0.2755	5.950	2.0	87.3
150.0		4.727	33.346	26.394	0.2918	5.888	2.1	87.4
160.0		5.245	33.547	26.495	0.3073	5.374	2.7	83.9
166.0		5.287	33.563	26.503	0.3163	5.184	2.6	82.7



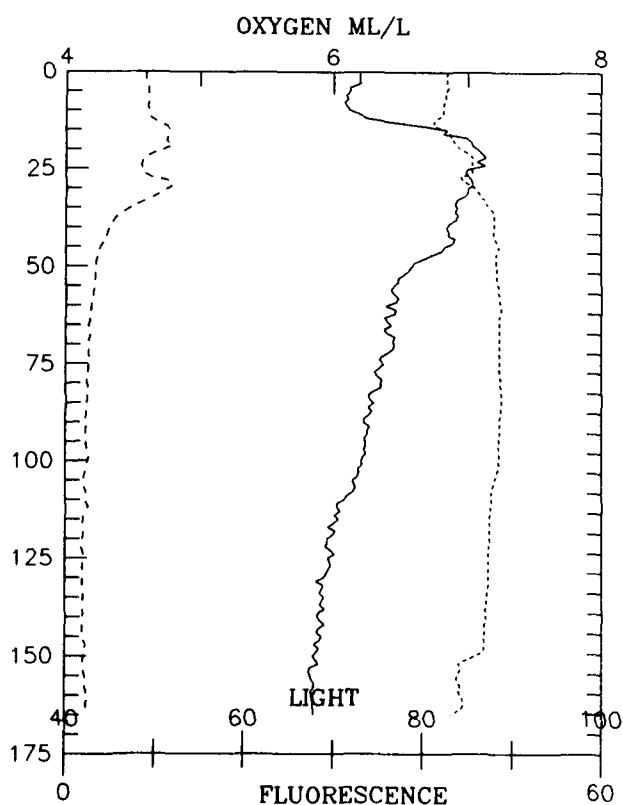
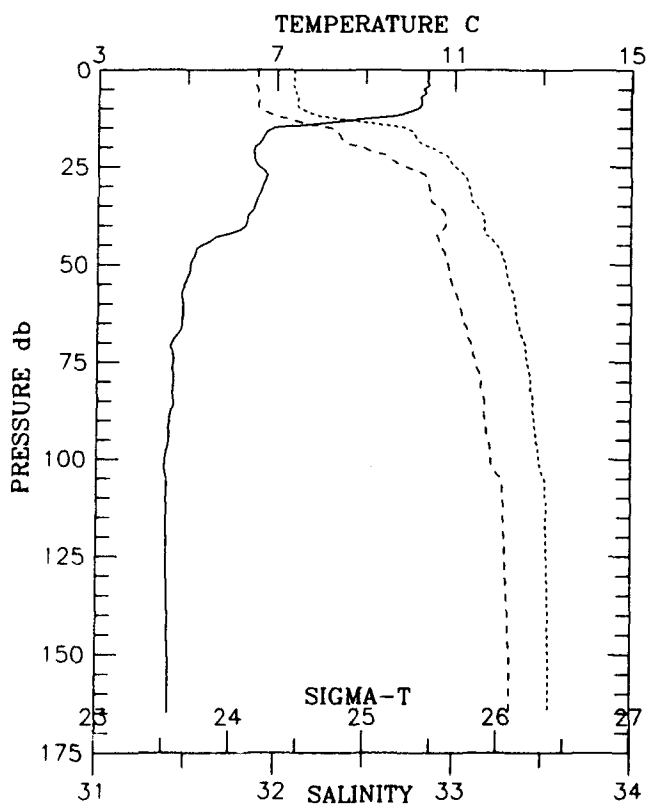
Cruise FN196 Consecutive Station # 56 Depth m:165 Time: 1989-05-24 17:41
 Position: 41° 43.77'N 68° 48.20'W Depth Deck Offset: -0.33 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.498	32.079	24.589	0.0000	6.172	4.4	77.5
10.0		10.382	32.091	24.618	0.0331	6.293	5.7	84.4
20.0		7.125	32.802	25.671	0.0607	7.150	10.1	83.5
30.0		5.786	32.834	25.867	0.0823	6.807	5.5	87.7
40.0		5.381	32.879	25.951	0.1028	6.566	3.8	87.8
50.0		4.828	32.955	26.073	0.1223	6.531	3.1	88.2
60.0		4.736	33.076	26.179	0.1408	6.423	2.4	88.7
70.0		4.660	33.115	26.219	0.1586	6.350	2.3	88.8
80.0		4.478	33.180	26.289	0.1758	6.279	2.0	88.2
90.0		4.179	33.202	26.307	0.1926	6.123	1.9	88.0
100.0		4.514	33.224	26.321	0.2093	6.092	2.2	87.6
110.0		4.562	33.250	26.336	0.2258	6.048	2.0	87.3
120.0		4.566	33.255	26.340	0.2423	6.041	1.9	87.3
130.0		4.572	33.259	26.342	0.2587	6.039	1.8	87.2
140.0		4.647	33.317	26.380	0.2750	5.952	2.0	87.1
150.0		4.882	33.407	26.426	0.2909	5.665	2.4	85.3
151.0		4.881	33.406	26.425	0.2925	5.628	2.4	85.2



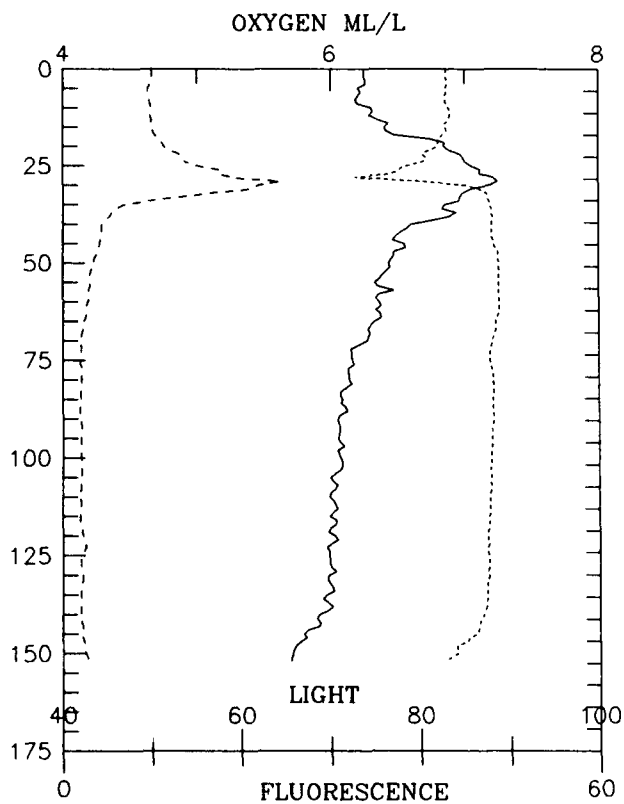
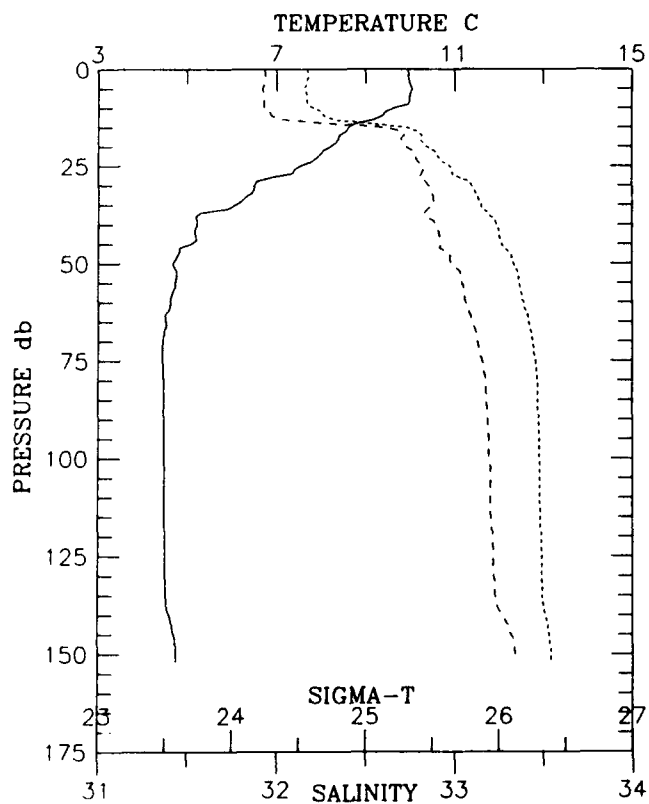
Cruise EN196 Consecutive Station # 57 Depth m:172 Time: 1989-05-24 22:15
 Position: 41° 43.00'N 68° 54.75'W Depth Deck Offset: -0.30 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)	
0.0	E	10.389	31.892	24.462	0.0000	6.193	8.9	82.7
10.0		10.195	31.901	24.501	0.0342	6.130	9.3	82.3
20.0		6.512	32.483	25.500	0.0624	7.083	11.1	84.3
30.0		6.678	32.857	25.774	0.0852	6.999	11.5	86.0
40.0		6.317	32.954	25.897	0.1064	6.846	4.9	88.0
50.0		5.080	32.970	26.057	0.1263	6.585	3.4	88.3
60.0		4.908	33.030	26.124	0.1451	6.388	2.8	88.7
70.0		4.681	33.099	26.204	0.1632	6.452	2.7	88.6
80.0		4.717	33.157	26.246	0.1808	6.353	2.4	88.6
90.0		4.626	33.180	26.274	0.1980	6.228	2.3	88.6
100.0		4.530	33.213	26.310	0.2149	6.208	2.5	88.4
110.0		4.568	33.280	26.359	0.2313	6.084	2.3	87.7
120.0		4.570	33.289	26.366	0.2476	5.958	1.9	87.5
130.0		4.580	33.297	26.371	0.2638	5.935	1.9	87.3
140.0		4.596	33.307	26.378	0.2799	5.882	1.9	87.0
150.0		4.625	33.320	26.385	0.2960	5.853	2.1	85.7
160.0		4.627	33.320	26.385	0.3121	5.842	2.4	84.2
165.0		4.626	33.319	26.384	0.3201	5.857	2.4	83.1



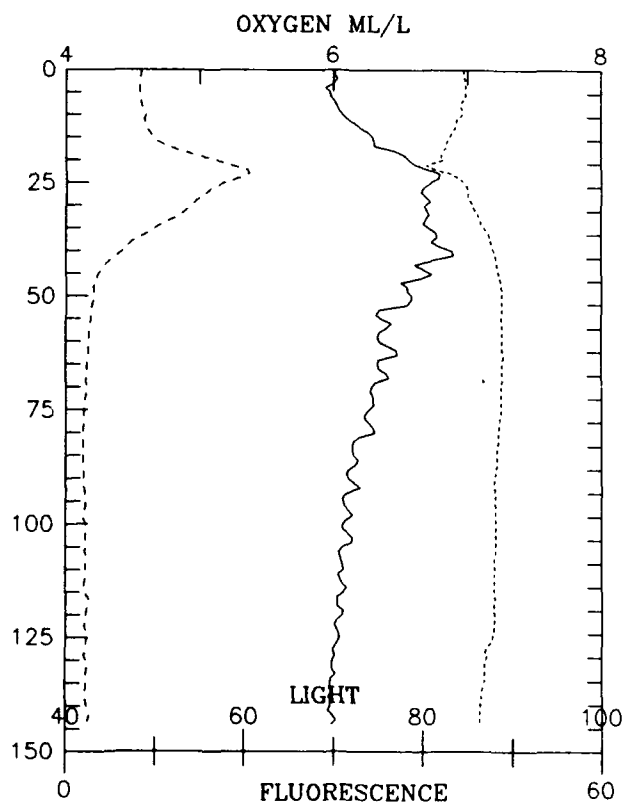
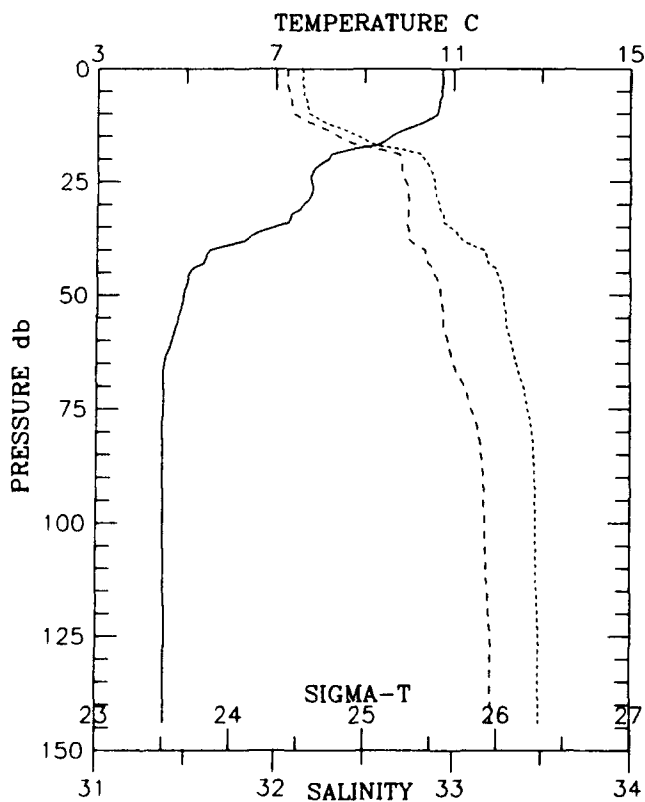
Cruise EN196 Consecutive Station # 58 Depth m:157 Time: 1989-05-24 23:50
 Position: 41° 40.76'N 68° 48.14'W Depth Deck Offset: -0.30 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)	
0.0	E	9.952	31.936	24.569	0.0000	6.247	9.9	82.9
10.0		9.634	31.927	24.613	0.0334	6.300	9.9	83.2
20.0		8.212	32.723	25.455	0.0614	6.847	11.4	81.9
30.0		6.510	32.854	25.793	0.0847	7.182	22.0	85.2
40.0		5.212	32.892	25.980	0.1055	6.597	4.3	88.0
50.0		4.680	32.979	26.109	0.1248	6.431	3.5	88.8
60.0		4.614	33.061	26.181	0.1430	6.362	2.7	88.8
70.0		4.453	33.129	26.251	0.1605	6.272	2.0	88.0
80.0		4.464	33.174	26.286	0.1776	6.135	2.1	88.1
90.0		4.469	33.184	26.293	0.1945	6.050	2.0	88.1
100.0		4.471	33.191	26.299	0.2114	6.072	2.0	87.9
110.0		4.485	33.201	26.305	0.2281	5.991	1.9	87.8
120.0		4.499	33.212	26.313	0.2449	6.024	2.2	87.5
130.0		4.505	33.220	26.318	0.2616	5.983	2.2	87.6
140.0		4.607	33.271	26.348	0.2782	5.908	2.0	87.0
150.0		4.751	33.340	26.387	0.2944	5.709	2.5	84.1
152.0		4.755	33.341	26.388	0.2976	5.695	2.7	82.7



Cruise EN196 Consecutive Station # 59 Depth m:155 Time: 1989-05-25 01:09
 Position: 41° 39.02'N 68° 41.90'W Depth Deck Offset: -0.30 Fish 1

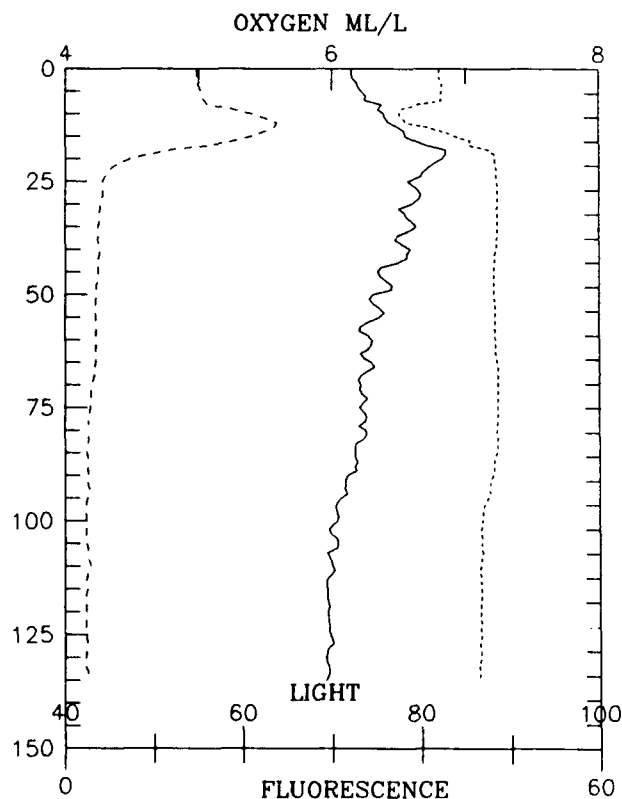
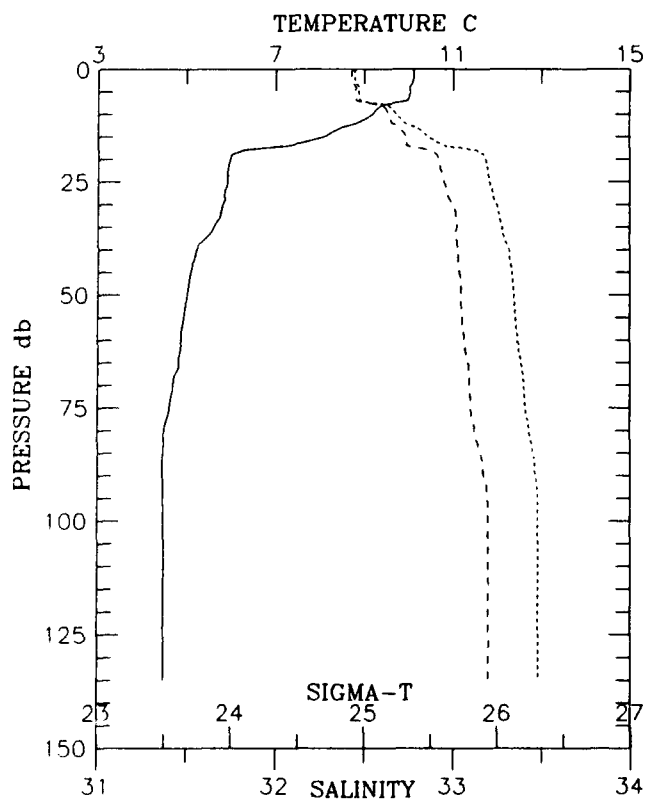
PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.750	32.065	24.535	0.0000	6.010	8.4	84.6
10.0		10.636	32.101	24.582	0.0335	6.070	9.0	84.4
20.0		8.195	32.705	25.443	0.0629	6.565	16.9	82.3
30.0		7.620	32.749	25.561	0.0872	6.682	14.1	85.6
40.0		5.539	32.843	25.904	0.1100	6.883	6.3	88.0
50.0		4.939	32.930	26.041	0.1298	6.583	3.1	88.8
60.0		4.700	32.972	26.101	0.1488	6.341	2.5	88.9
70.0		4.493	33.062	26.194	0.1671	6.281	2.3	88.7
80.0		4.470	33.143	26.261	0.1846	6.309	1.9	88.4
90.0		4.491	33.173	26.282	0.2016	6.112	2.0	88.0
100.0		4.502	33.182	26.288	0.2186	6.068	2.2	88.1
110.0		4.510	33.191	26.295	0.2355	6.074	2.2	88.1
120.0		4.522	33.203	26.303	0.2523	6.065	2.2	88.0
130.0		4.526	33.217	26.314	0.2691	5.991	2.3	87.0
140.0		4.527	33.218	26.314	0.2858	5.972	2.3	86.4
144.0		4.527	33.218	26.314	0.2925	5.984	2.4	86.3



Cruise EN196 Consecutive Station # 60 Depth m:141 Time: 1989-05-25 02:43
 Position: 41° 37.72'N 68° 36.13'W Depth Deck Offset: -0.20 Fish 1

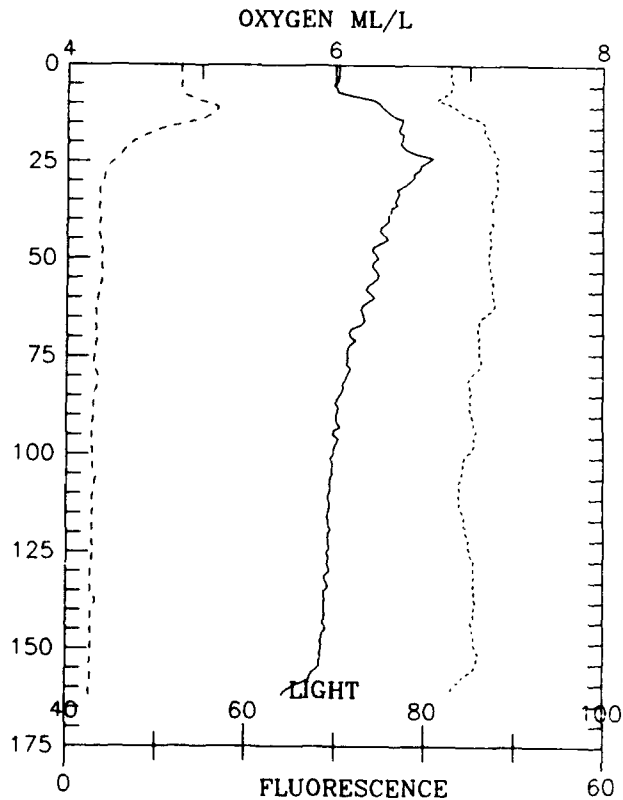
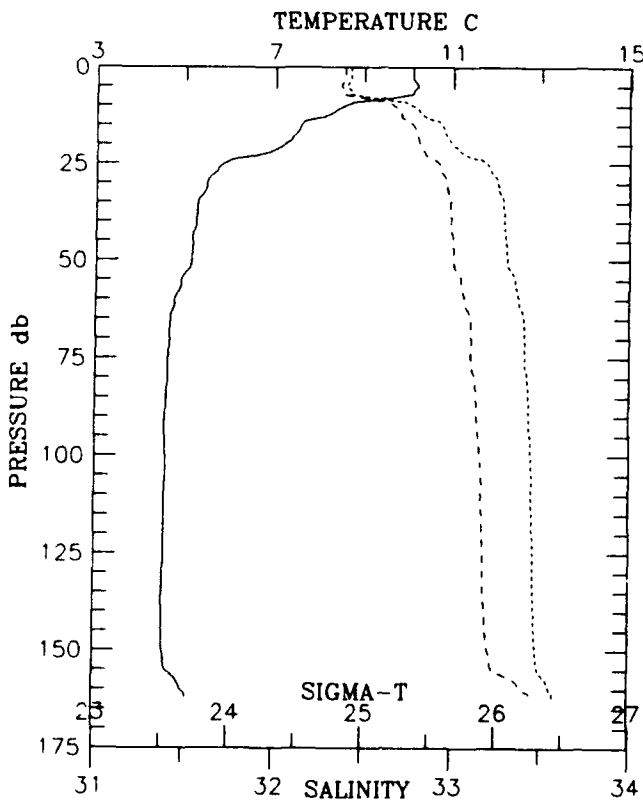
PRESSURE Interp TEMP SALINITY SIGMA-T DELTA-D OXYGEN CHANNELA CHANNELB
 (d-bars) (deg C) (0/00)

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.105	32.429	24.928	0.0000	6.149	14.8	82.0
10.0		9.182	32.635	25.238	0.0291	6.388	21.1	77.6
20.0		5.966	32.916	25.911	0.0572	6.820	7.4	88.3
30.0		5.806	33.001	25.997	0.0733	6.593	3.9	88.6
40.0		5.208	33.025	26.087	0.0926	6.582	3.8	88.3
50.0		5.014	33.045	26.124	0.1112	6.307	3.5	88.1
60.0		4.878	33.064	26.154	0.1295	6.297	3.4	88.3
70.0		4.698	33.093	26.197	0.1475	6.214	3.0	88.6
80.0		4.505	33.122	26.240	0.1651	6.255	2.6	88.5
90.0		4.461	33.173	26.285	0.1822	6.115	2.6	88.0
100.0		4.478	33.199	26.304	0.1991	6.042	2.4	86.8
110.0		4.478	33.199	26.304	0.2158	6.002	2.8	86.6
120.0		4.478	33.199	26.304	0.2326	5.969	2.4	86.6
130.0		4.478	33.199	26.304	0.2494	5.953	2.3	86.6
135.0		4.478	33.199	26.304	0.2578	5.953	2.4	86.3



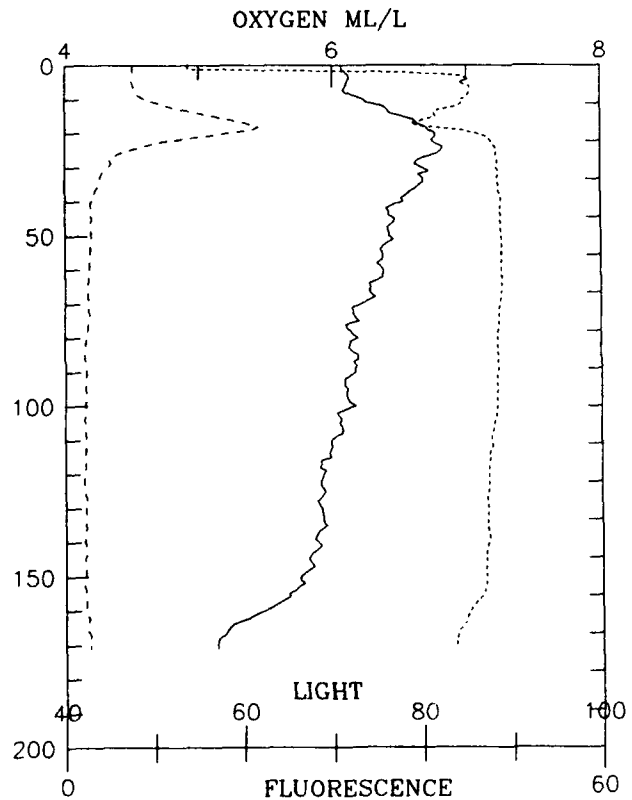
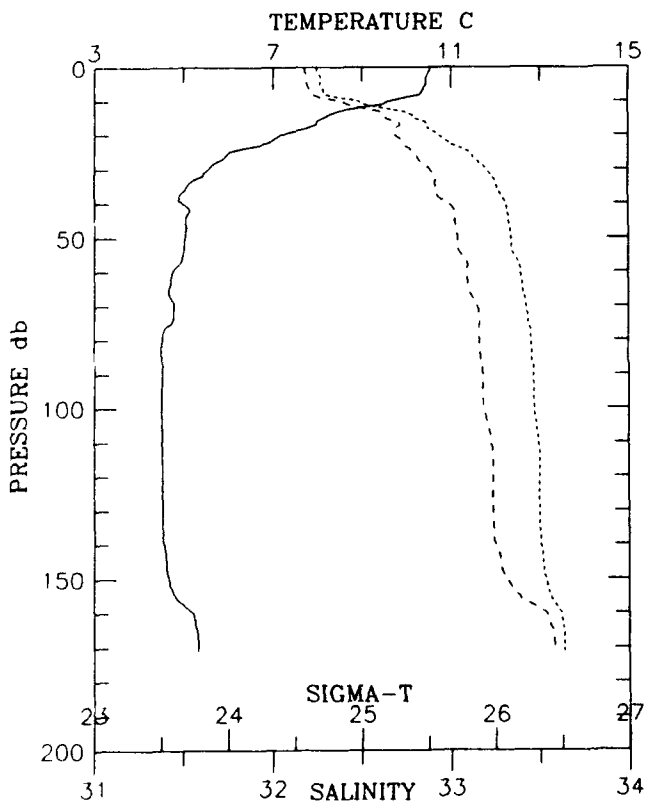
Cruise EN196 Consecutive Station # 61 Depth m:173 Time: 1989-05-25 03:44
 Position: 41° 42.64'N 68° 34.06'W Depth Deck Offset: -0.20 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.097	32.390	24.899	0.0000	6.025	12.7	82.9
10.0	8.558	32.667	25.360	0.0294	6.329	16.3	82.7
20.0	7.209	32.812	25.667	0.0534	6.486	7.2	87.2
30.0	5.477	32.967	26.009	0.0742	6.557	4.0	88.2
40.0	5.245	32.992	26.056	0.0935	6.398	3.7	87.6
50.0	5.141	33.008	26.081	0.1124	6.322	3.8	87.2
60.0	4.786	33.070	26.169	0.1309	6.296	3.5	87.8
70.0	4.658	33.107	26.212	0.1486	6.114	3.2	86.1
80.0	4.634	33.130	26.233	0.1662	6.089	3.5	85.2
90.0	4.586	33.145	26.250	0.1835	6.018	3.0	85.3
100.0	4.582	33.159	26.262	0.2008	5.991	2.9	84.7
110.0	4.577	33.171	26.272	0.2179	5.963	3.0	83.9
120.0	4.567	33.176	26.277	0.2350	5.951	2.8	84.6
130.0	4.548	33.183	26.284	0.2520	5.964	2.7	85.5
140.0	4.542	33.193	26.293	0.2690	5.922	2.8	85.5
150.0	4.563	33.214	26.307	0.2859	5.905	2.7	85.8
160.0	4.980	33.408	26.415	0.3023	5.676	2.7	83.2
162.0	5.101	33.459	26.442	0.3055	5.614	2.7	82.9



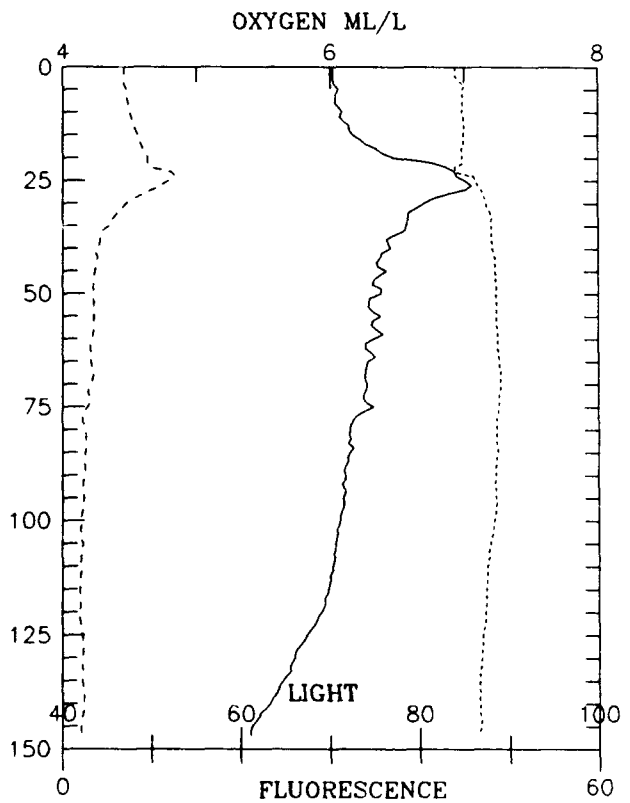
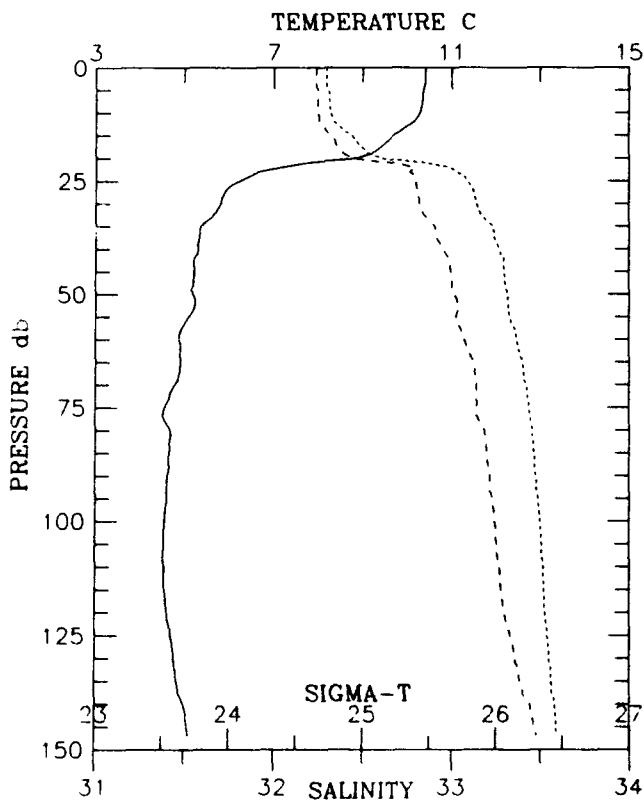
Cruise EN196 Consecutive Station # 62 Depth m:183 Time: 1989-05-25 05:00
 Position: 41° 43.95'N 68° 39.99'W Depth Deck Offset: -0.20 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.532	32.175	24.658	0.0000	6.068	7.6	53.8
10.0	9.594	32.391	24.982	0.0319	6.240	9.0	84.4
20.0	7.163	32.684	25.573	0.0577	6.762	18.2	86.1
30.0	5.545	32.882	25.934	0.0795	6.669	4.8	88.3
40.0	4.972	32.983	26.079	0.0990	6.525	2.9	88.8
50.0	5.019	33.037	26.117	0.1177	6.421	2.9	88.8
60.0	4.751	33.091	26.190	0.1359	6.380	2.7	88.9
70.0	4.776	33.147	26.231	0.1536	6.205	2.6	88.7
80.0	4.522	33.160	26.269	0.1709	6.183	2.4	88.4
90.0	4.510	33.175	26.282	0.1879	6.163	2.3	88.3
100.0	4.506	33.183	26.288	0.2049	6.164	2.2	88.3
110.0	4.517	33.228	26.323	0.2216	5.987	2.3	87.7
120.0	4.522	33.234	26.327	0.2382	5.921	2.1	87.3
130.0	4.522	33.235	26.328	0.2548	5.909	2.2	87.2
140.0	4.559	33.248	26.335	0.2714	5.878	2.1	87.2
150.0	4.673	33.316	26.376	0.2878	5.749	2.2	87.0
160.0	5.207	33.532	26.488	0.3035	5.475	2.3	85.1
170.0	5.327	33.579	26.512	0.3185	5.131	2.7	83.6
171.0	5.329	33.580	26.512	0.3200	5.131	2.7	83.6



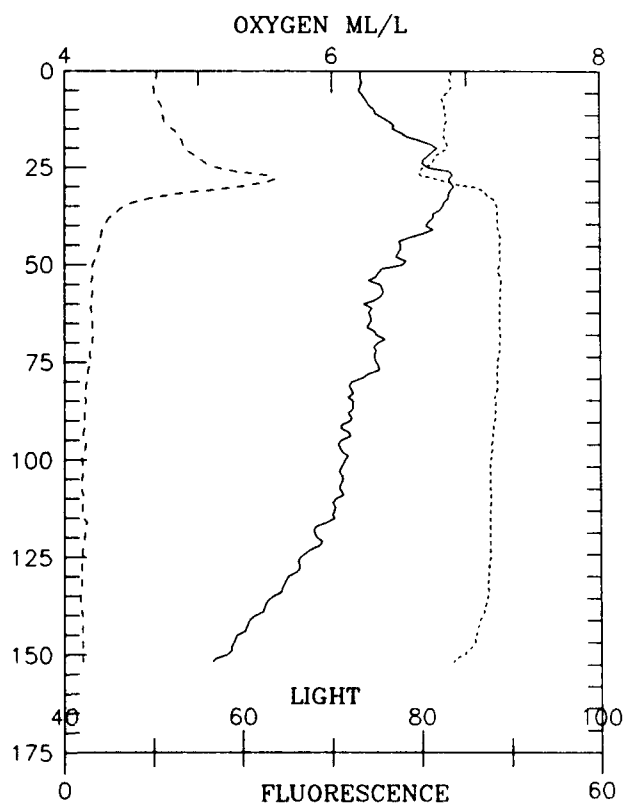
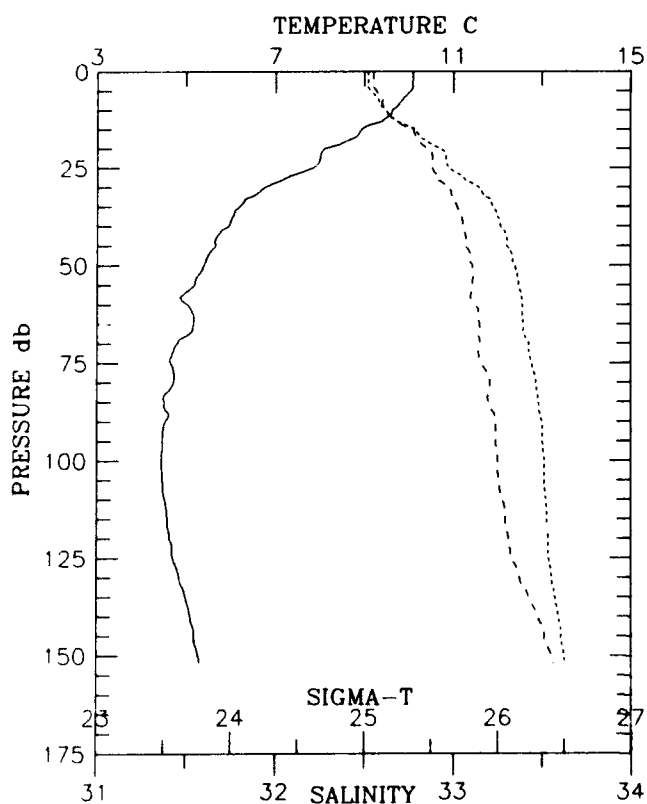
Cruise EN196 Consecutive Station # 63 Depth m:175 Time: 1989-05-25 06:08
 Position: 41° 45.78'N 68° 45.95'W Depth Deck Offset: -0.20 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.411	32.239	24.728	0.0000	6.021	6.9	84.0
10.0		10.281	32.249	24.758	0.0317	6.090	7.5	84.7
20.0		8.838	32.439	25.139	0.0618	6.472	9.5	84.7
30.0		5.810	32.816	25.851	0.0841	6.700	7.1	87.4
40.0		5.295	32.953	26.020	0.1042	6.445	3.9	88.1
50.0		5.166	33.014	26.082	0.1233	6.373	3.4	88.5
60.0		4.885	33.071	26.159	0.1419	6.320	3.2	88.7
70.0		4.772	33.140	26.226	0.1597	6.275	3.2	89.0
80.0		4.682	33.183	26.270	0.1770	6.146	2.4	88.6
90.0		4.631	33.215	26.301	0.1939	6.111	2.4	88.5
100.0		4.560	33.242	26.330	0.2106	6.076	2.0	88.3
110.0		4.539	33.267	26.352	0.2271	6.018	2.0	87.5
120.0		4.613	33.295	26.366	0.2433	5.932	1.9	87.3
130.0		4.765	33.356	26.398	0.2594	5.734	2.2	86.9
140.0		4.982	33.441	26.441	0.2752	5.545	2.3	86.7
147.0		5.100	33.476	26.456	0.2860	5.405	2.2	86.7



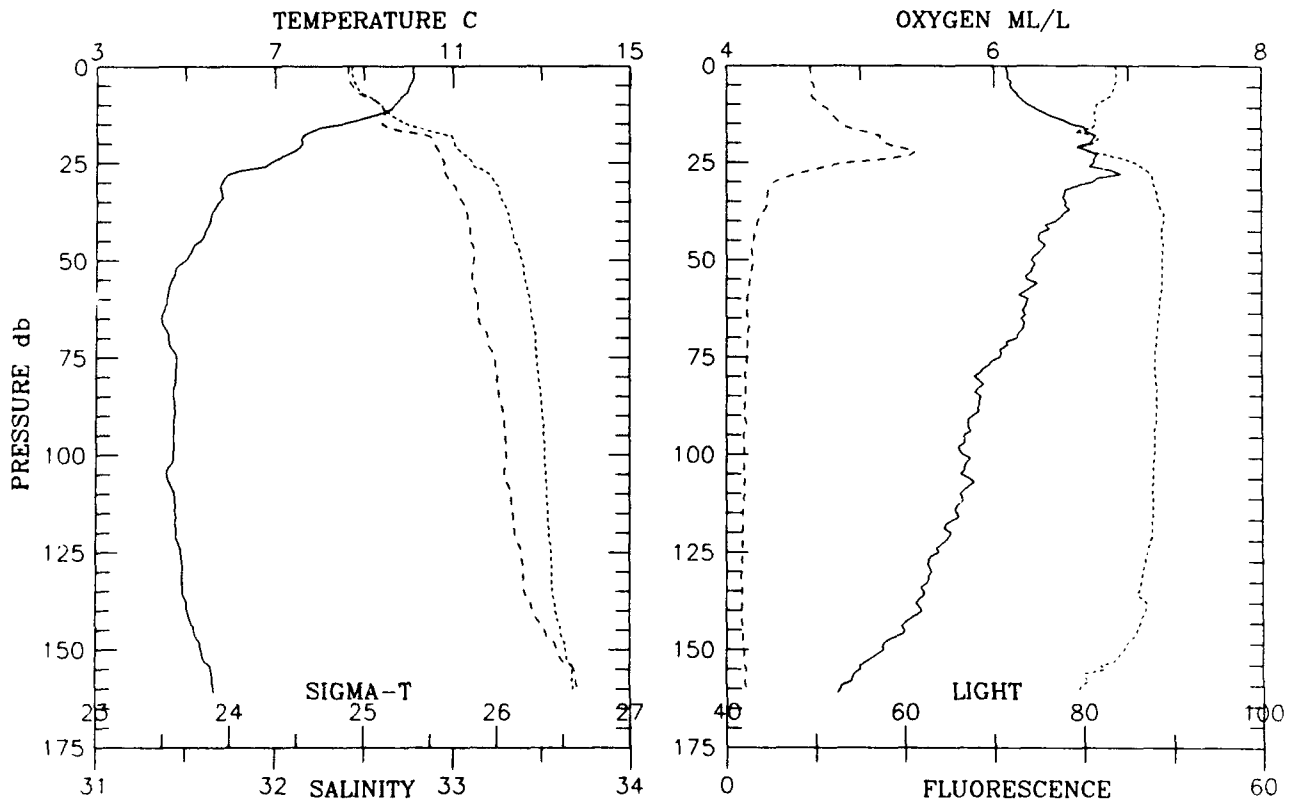
Cruise EN196 Consecutive Station # 64 Depth m:163 Time: 1989-05-25 07:42
 Position: 41° 51.06'N 68° 43.29'W Depth Deck Offset: -0.20 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.083	32.551	25.027	0.0000	6.214	10.4	83.3
10.0	9.626	32.629	25.163	0.0286	6.317	11.0	82.6
20.0	8.098	32.850	25.572	0.0545	6.784	13.4	82.9
30.0	6.754	32.976	25.858	0.0772	6.909	19.4	85.9
40.0	5.949	33.051	26.019	0.0973	6.698	4.4	88.5
50.0	5.390	33.105	26.129	0.1162	6.523	3.1	88.7
60.0	5.045	33.121	26.181	0.1343	6.234	3.0	88.7
70.0	4.796	33.150	26.232	0.1521	6.339	3.1	88.7
80.0	4.714	33.206	26.285	0.1693	6.145	2.5	88.4
90.0	4.521	33.236	26.330	0.1861	6.136	2.2	88.1
100.0	4.459	33.247	26.345	0.2026	6.093	1.9	87.6
110.0	4.528	33.277	26.361	0.2189	6.028	2.1	87.7
120.0	4.639	33.310	26.375	0.2351	5.884	2.2	87.6
130.0	4.846	33.372	26.402	0.2512	5.665	1.9	87.4
140.0	5.100	33.475	26.455	0.2668	5.416	2.0	86.7
150.0	5.275	33.553	26.497	0.2821	5.208	2.0	84.7
152.0	5.305	33.561	26.500	0.2851	5.099	2.1	83.5



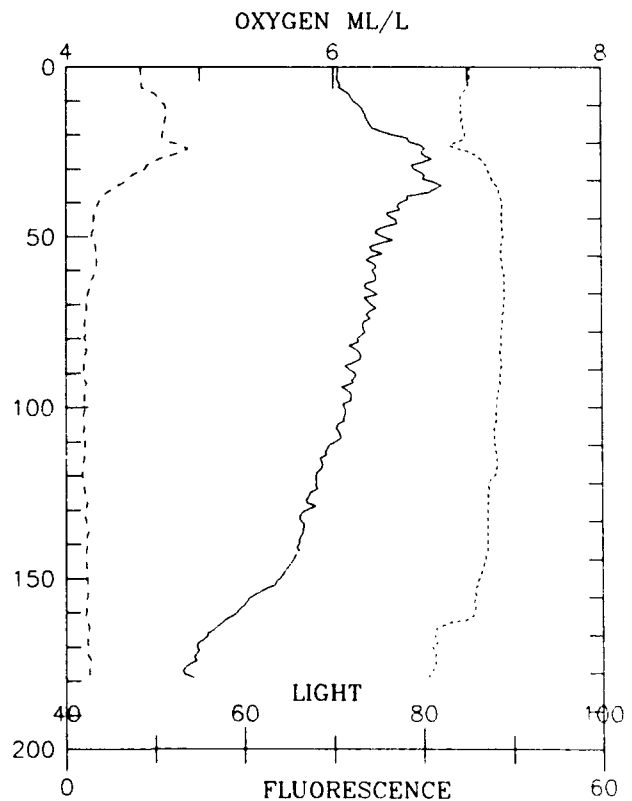
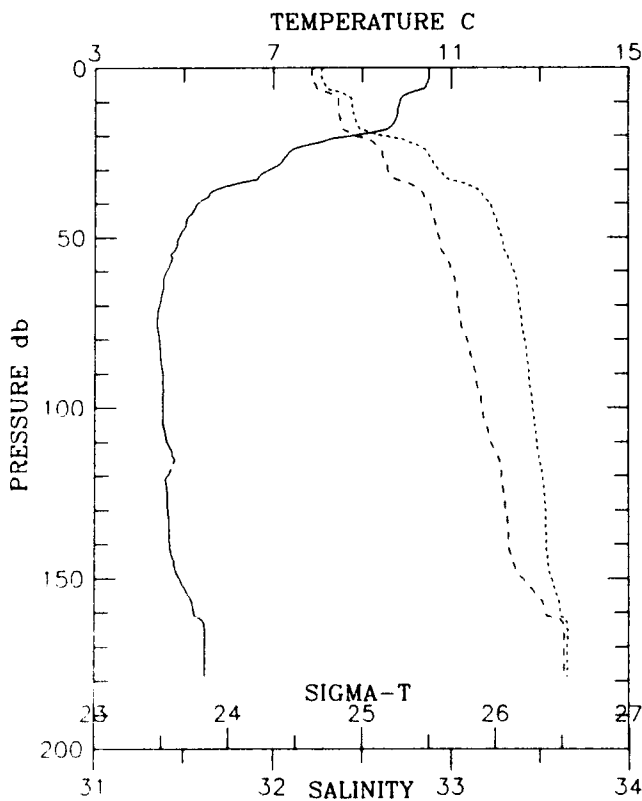
Cruise EN196 Consecutive Station # 65 Depth m:165 Time: 1989-05-25 08:53
 Position: 41° 49.47'N 68° 37.07'W Depth Deck Offset: -0.13 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.119	32.413	24.913	0.0000	6.101	9.4	83.7
10.0		9.700	32.608	25.135	0.0295	6.251	10.7	81.5
20.0		7.608	32.894	25.677	0.0550	6.719	17.9	81.1
30.0		5.817	32.987	25.985	0.0763	6.740	5.4	87.8
40.0		5.550	33.087	26.095	0.0955	6.460	3.5	89.0
50.0		4.998	33.118	26.184	0.1138	6.277	2.9	88.8
60.0		4.592	33.143	26.248	0.1314	6.252	2.3	88.6
70.0		4.623	33.197	26.287	0.1485	6.170	2.3	88.1
80.0		4.788	33.255	26.315	0.1653	5.852	2.1	88.0
90.0		4.765	33.286	26.343	0.1819	5.840	1.9	88.1
100.0		4.737	33.302	26.358	0.1982	5.766	1.9	87.9
110.0		4.761	33.330	26.378	0.2144	5.750	2.1	87.7
120.0		4.803	33.352	26.391	0.2304	5.675	1.8	87.6
130.0		4.944	33.396	26.410	0.2463	5.530	1.7	86.6
140.0		5.053	33.452	26.442	0.2620	5.456	1.7	86.9
150.0		5.367	33.590	26.515	0.2772	5.174	1.9	84.5
160.0		5.640	33.703	26.572	0.2918	4.845	2.2	79.4
161.0		5.646	33.705	26.573	0.2932	4.827	2.1	79.3



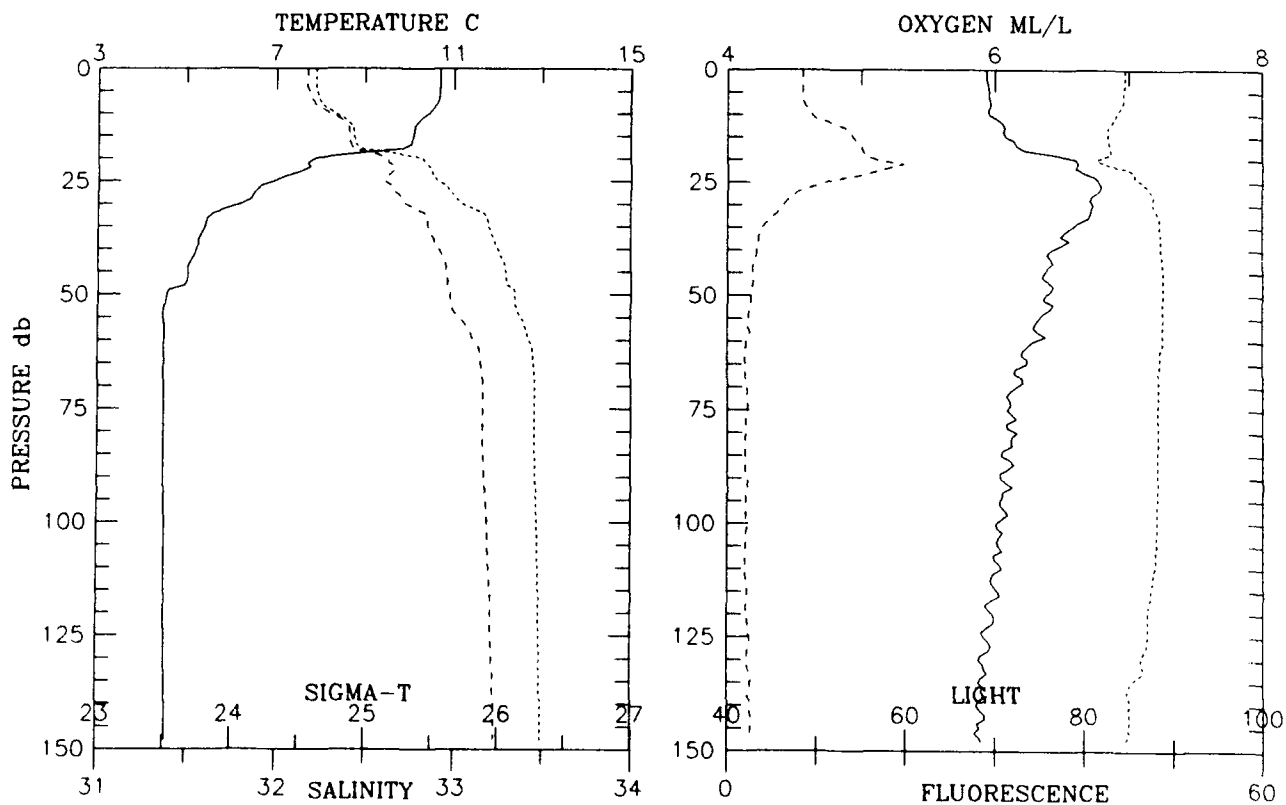
Cruise EN196 Consecutive Station # 66 Depth m:183 Time: 1989-05-25 10:17
 Position: 41° 44.14'N 68° 39.92'W Depth Deck Offset: -0.20 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.494	32.217	24.697	0.0000	6.033	8.4	85.2
10.0	9.845	32.365	24.921	0.0314	6.153	10.6	84.3
20.0	8.809	32.456	25.156	0.0609	6.445	10.8	84.7
30.0	6.917	32.643	25.573	0.0858	6.601	8.9	87.2
40.0	5.310	32.883	25.962	0.1075	6.498	3.6	88.8
50.0	4.880	32.932	26.049	0.1271	6.369	2.8	89.0
60.0	4.611	33.007	26.138	0.1459	6.287	3.2	89.0
70.0	4.463	33.038	26.178	0.1640	6.282	2.2	89.0
80.0	4.445	33.088	26.220	0.1818	6.177	2.0	88.7
90.0	4.526	33.138	26.251	0.1992	6.161	2.0	88.6
100.0	4.531	33.176	26.281	0.2163	6.074	2.1	88.2
110.0	4.615	33.222	26.308	0.2332	6.011	2.1	87.9
120.0	4.640	33.281	26.352	0.2497	5.867	1.8	88.0
130.0	4.646	33.309	26.374	0.2660	5.793	2.2	87.1
140.0	4.687	33.325	26.382	0.2821	5.739	2.3	87.1
150.0	4.907	33.406	26.422	0.2981	5.593	2.3	86.2
160.0	5.228	33.533	26.486	0.3135	5.273	2.2	85.6
170.0	5.474	33.636	26.539	0.3282	4.974	2.5	80.9
179.0	5.473	33.635	26.539	0.3414	4.951	2.6	80.5



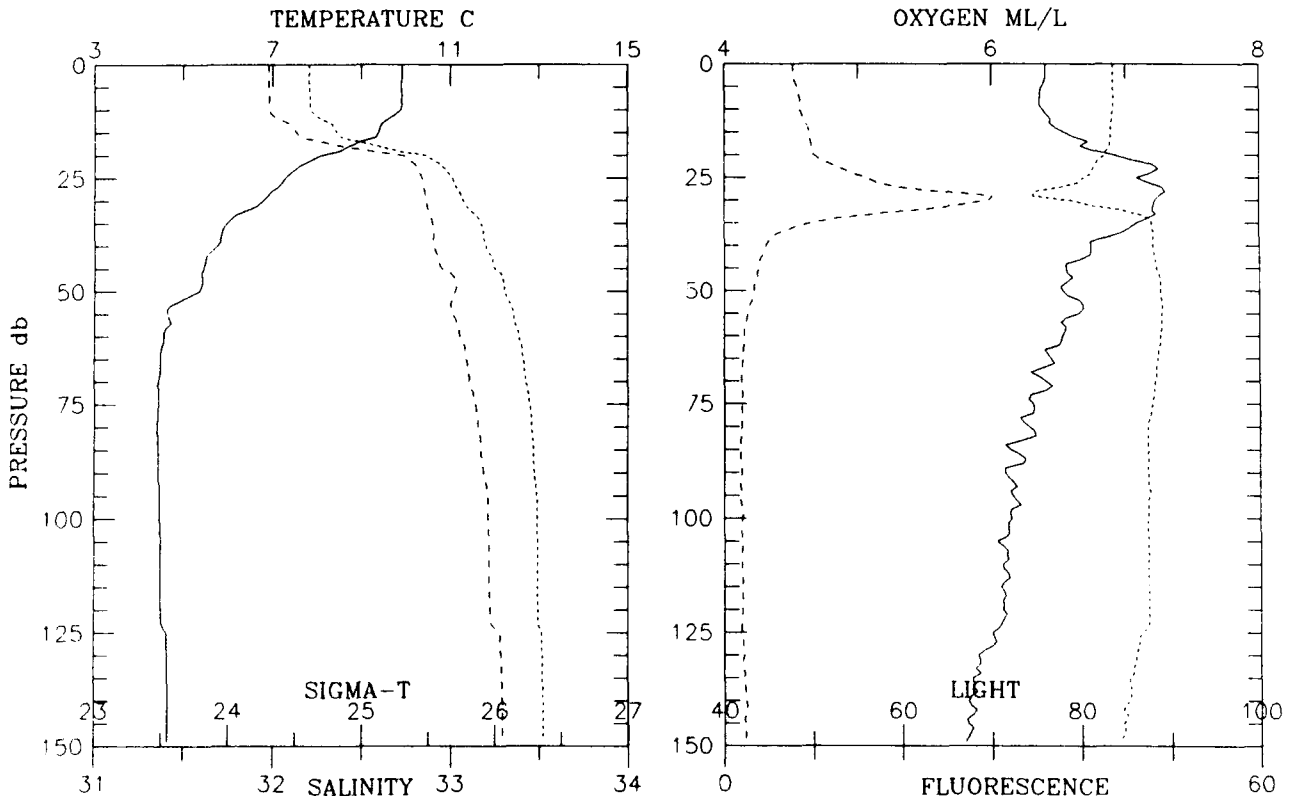
Cruise EN196 Consecutive Station # 67 Depth m:153 Time: 1989-05-25 11:30
 Position: 41° 39.14'N 68° 41.76'W Depth Deck Offset: -0.20 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.690	32.175	24.631	0.0000	5.938	8.4
10.0		10.444	32.301	24.771	0.0325	5.958	9.5
20.0		7.873	32.627	25.429	0.0620	6.608	16.7
30.0		6.219	32.725	25.728	0.0858	6.732	6.2
40.0		5.216	32.917	26.000	0.1062	6.424	3.2
50.0		4.544	32.980	26.124	0.1253	6.376	2.6
60.0		4.496	33.114	26.235	0.1432	6.287	2.1
70.0		4.493	33.164	26.275	0.1604	6.157	2.1
80.0		4.492	33.165	26.276	0.1774	6.166	2.1
90.0		4.492	33.173	26.282	0.1944	6.046	2.3
100.0		4.509	33.190	26.294	0.2113	6.011	2.2
110.0		4.513	33.201	26.303	0.2281	6.049	2.1
120.0		4.519	33.211	26.310	0.2449	5.988	2.2
130.0		4.533	33.221	26.316	0.2616	5.881	2.2
140.0		4.549	33.230	26.322	0.2783	5.860	2.5
148.0		4.548	33.230	26.322	0.2916	5.898	2.6



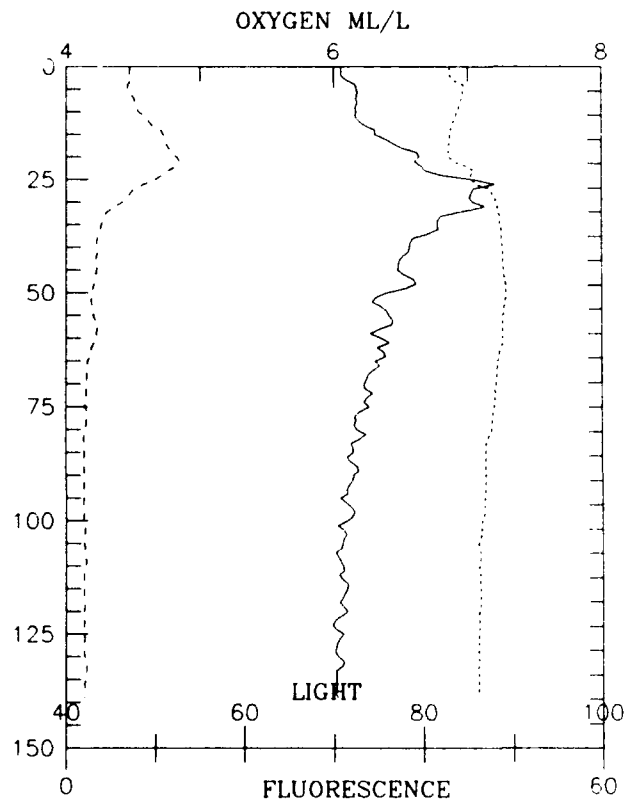
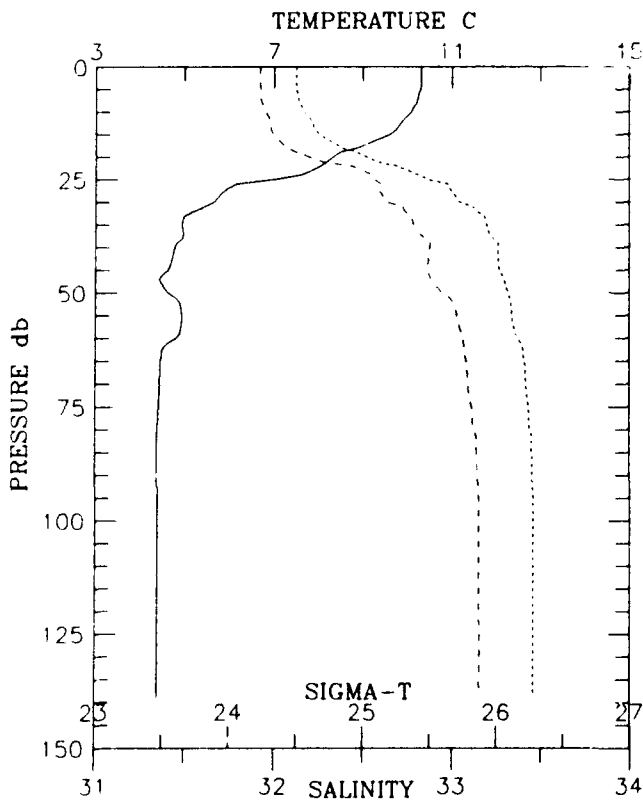
Cruise EN196 Consecutive Station # 68 Depth m:157 Time: 1989-05-25 13:13
 Position: 41° 40.76'N 68° 48.10'W Depth Deck Offset: -0.20 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)	
0.0	E	9.907	31.978	24.608	0.0000	6.404	7.8	83.6
10.0		9.875	31.981	24.616	0.0329	6.380	8.5	83.6
20.0		8.077	32.738	25.487	0.0630	6.919	10.1	82.7
30.0		6.784	32.865	25.766	0.0859	7.218	29.7	78.9
40.0		5.737	32.908	25.932	0.1067	6.737	4.6	88.0
50.0		5.348	33.027	26.072	0.1262	6.529	3.3	88.9
60.0		4.560	33.053	26.180	0.1446	6.525	2.2	88.9
70.0		4.445	33.107	26.235	0.1622	6.402	1.9	88.3
80.0		4.415	33.154	26.275	0.1793	6.278	1.9	87.4
90.0		4.446	33.186	26.297	0.1963	6.097	1.9	87.5
100.0		4.475	33.214	26.317	0.2130	6.146	2.0	87.4
110.0		4.481	33.216	26.318	0.2296	6.080	1.9	87.4
120.0		4.496	33.223	26.322	0.2463	6.078	2.0	87.5
130.0		4.639	33.284	26.355	0.2627	5.893	2.2	86.1
140.0		4.651	33.291	26.359	0.2790	5.822	2.4	85.3
149.0		4.652	33.293	26.361	0.2937	5.796	2.3	84.1



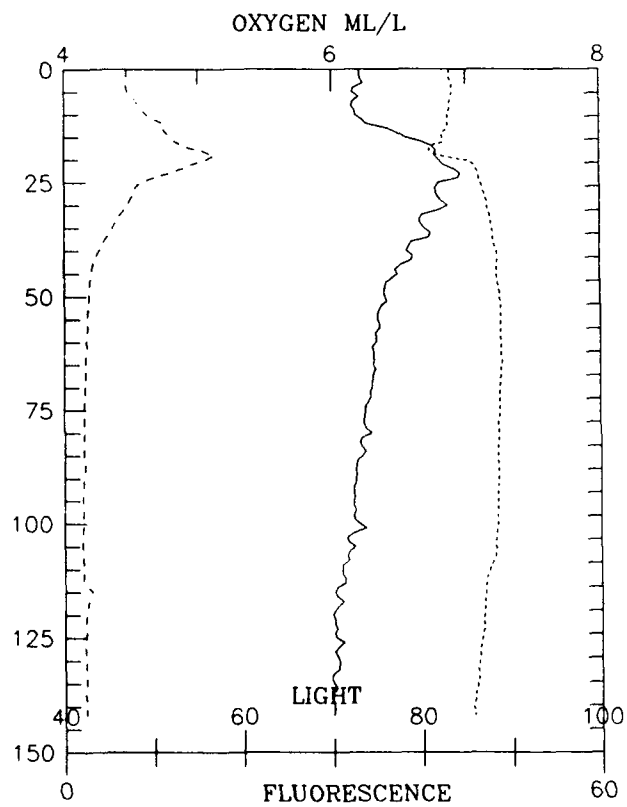
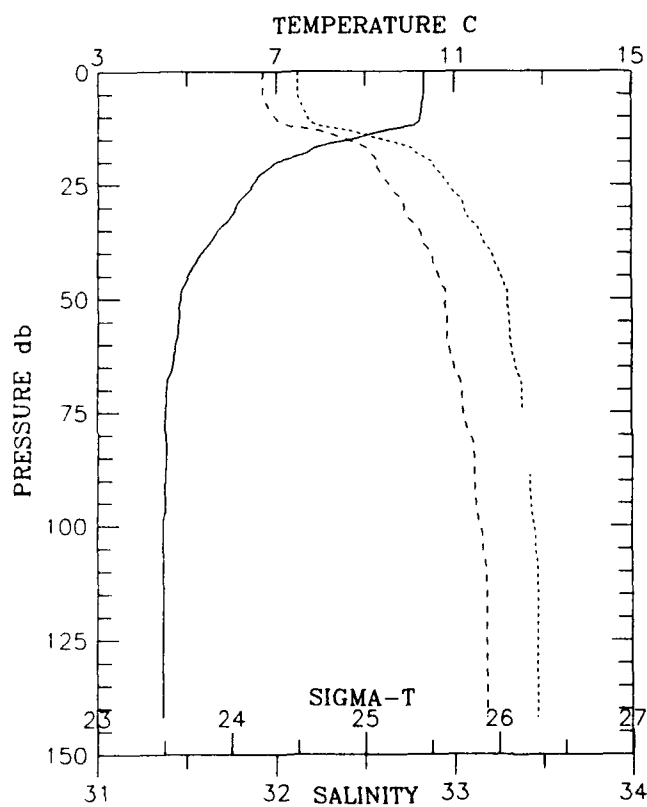
Cruise EN196 Consecutive Station # 69 Depth m:146 Time: 1989-05-25 14:33
 Position: 41° 35.78'N 68° 51.16'W Depth Deck Offset: -0.20 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.301	31.922	24.500	0.0000	6.056	7.1	83.0
10.0		10.084	31.953	24.560	0.0338	6.167	8.1	83.8
20.0		8.326	32.196	25.026	0.0656	6.638	12.4	82.9
30.0		5.645	32.630	25.723	0.0904	7.033	6.3	88.2
40.0		4.784	32.873	26.013	0.1108	6.565	3.4	88.9
50.0		4.634	32.945	26.087	0.1301	6.391	2.8	89.2
60.0		4.806	33.061	26.159	0.1486	6.355	3.3	88.9
70.0		4.446	33.092	26.223	0.1662	6.225	2.2	88.1
80.0		4.390	33.119	26.250	0.1836	6.166	2.1	87.6
90.0		4.389	33.145	26.271	0.2007	6.139	2.0	86.9
100.0		4.395	33.152	26.276	0.2178	6.096	1.9	86.5
110.0		4.395	33.152	26.276	0.2348	6.065	2.2	86.2
120.0		4.395	33.152	26.276	0.2519	6.101	2.0	86.2
130.0		4.395	33.153	26.276	0.2689	6.029	2.1	86.1
139.0		4.395	33.153	26.276	0.2843	6.024	2.1	86.0



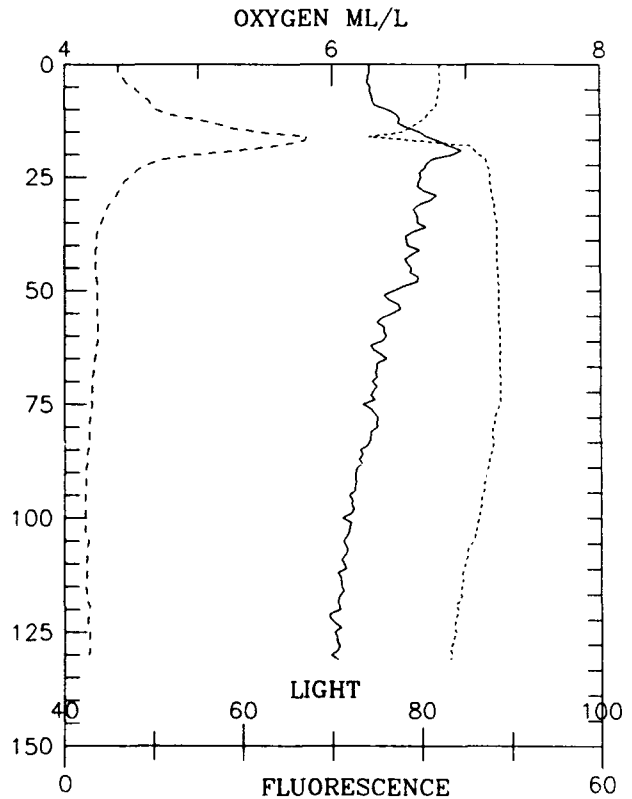
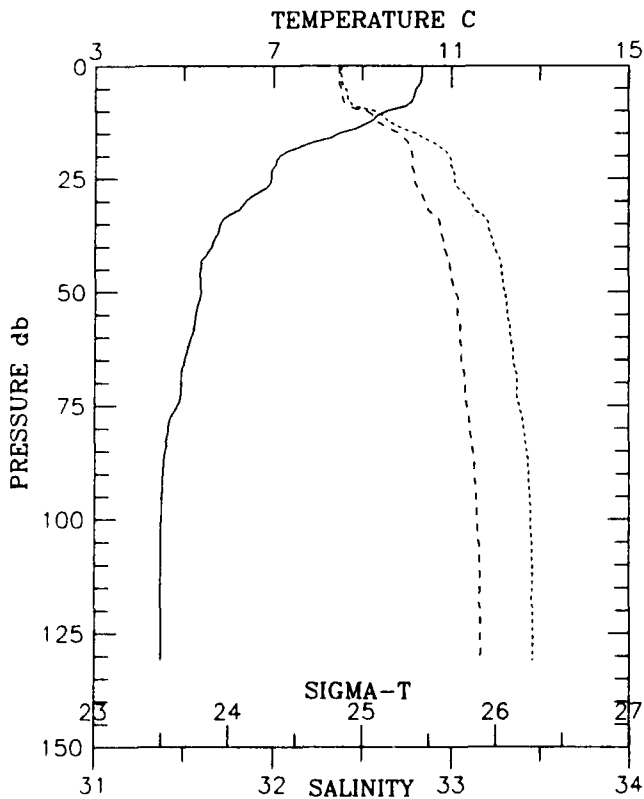
Cruise EN196 Consecutive Station # 70 Depth m:154 Time: 1989-05-25 15:41
 Position: 41° 34.18'N 68° 44.67'W Depth Deck Offset: -0.20 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.326	31.923	24.497	0.0000	6.210	7.0	83.2
10.0		10.233	31.992	24.566	0.0338	6.174	9.2	83.0
20.0		7.005	32.578	25.510	0.0624	6.803	15.9	85.2
30.0		6.089	32.717	25.738	0.0856	6.865	7.0	87.3
40.0		5.324	32.868	25.949	0.1067	6.557	3.9	88.4
50.0		4.857	32.950	26.066	0.1262	6.395	2.7	88.7
60.0		4.734	32.962	26.089	0.1451	6.327	2.4	88.9
70.0		4.549	33.043	26.173	0.1635	6.295	2.3	88.7
80.0		4.512	33.086	26.211	0.1814	6.293	2.2	88.6
90.0		4.508	33.112	26.232	0.1988	6.172	2.1	88.5
100.0		4.474	33.142	26.200	0.2162	6.201	2.1	88.4
110.0		4.466	33.178	26.289	0.2332	6.068	2.1	87.5
120.0		4.467	33.181	26.291	0.2502	5.995	2.4	86.8
130.0		4.468	33.182	26.292	0.2671	6.046	2.4	86.3
140.0		4.468	33.182	26.292	0.2840	6.004	2.4	85.6
142.0		4.468	33.182	26.292	0.2874	6.003	2.4	85.7



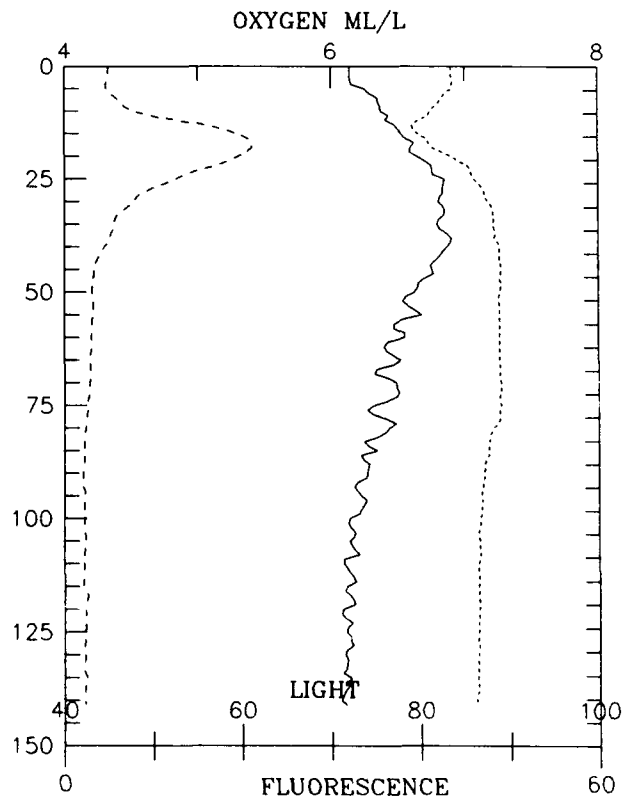
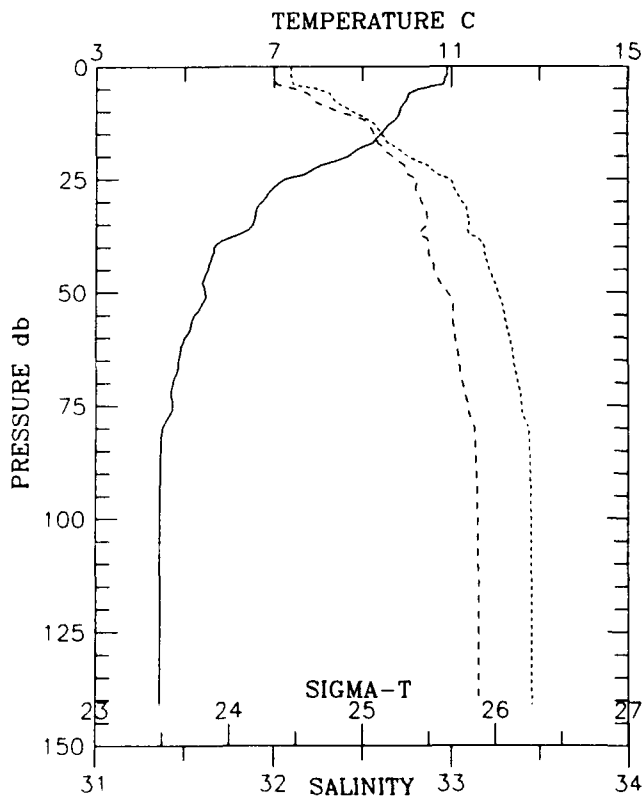
Cruise EN196 Consecutive Station # 71 Depth m:137 Time: 1989-05-25 16:52
 Position: 41° 32.75'N 68° 38.51'W Depth Deck Offset: -0.20 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.330	32.368	24.843	0.0000	6.276	6.0	82.0
10.0		9.544	32.521	25.091	0.0303	6.408	10.2	81.2
20.0		7.132	32.779	25.652	0.0558	6.900	14.6	86.4
30.0		6.377	32.847	25.805	0.0783	6.739	5.4	88.0
40.0		5.627	32.959	25.986	0.0987	6.564	3.6	88.4
50.0		5.370	33.017	26.061	0.1180	6.458	3.6	88.6
60.0		5.160	33.049	26.111	0.1368	6.399	3.7	88.7
70.0		4.938	33.077	26.158	0.1551	6.296	3.1	88.8
80.0		4.655	33.103	26.210	0.1731	6.335	2.8	87.9
90.0		4.524	33.133	26.247	0.1905	6.168	2.4	87.2
100.0		4.495	33.146	26.260	0.2078	6.074	2.3	86.4
110.0		4.480	33.160	26.273	0.2249	6.081	2.4	84.8
120.0		4.479	33.162	26.275	0.2420	6.054	2.7	84.0
130.0		4.479	33.163	26.276	0.2590	5.987	2.7	83.3
131.0		4.479	33.164	26.276	0.2607	6.041	2.8	83.1



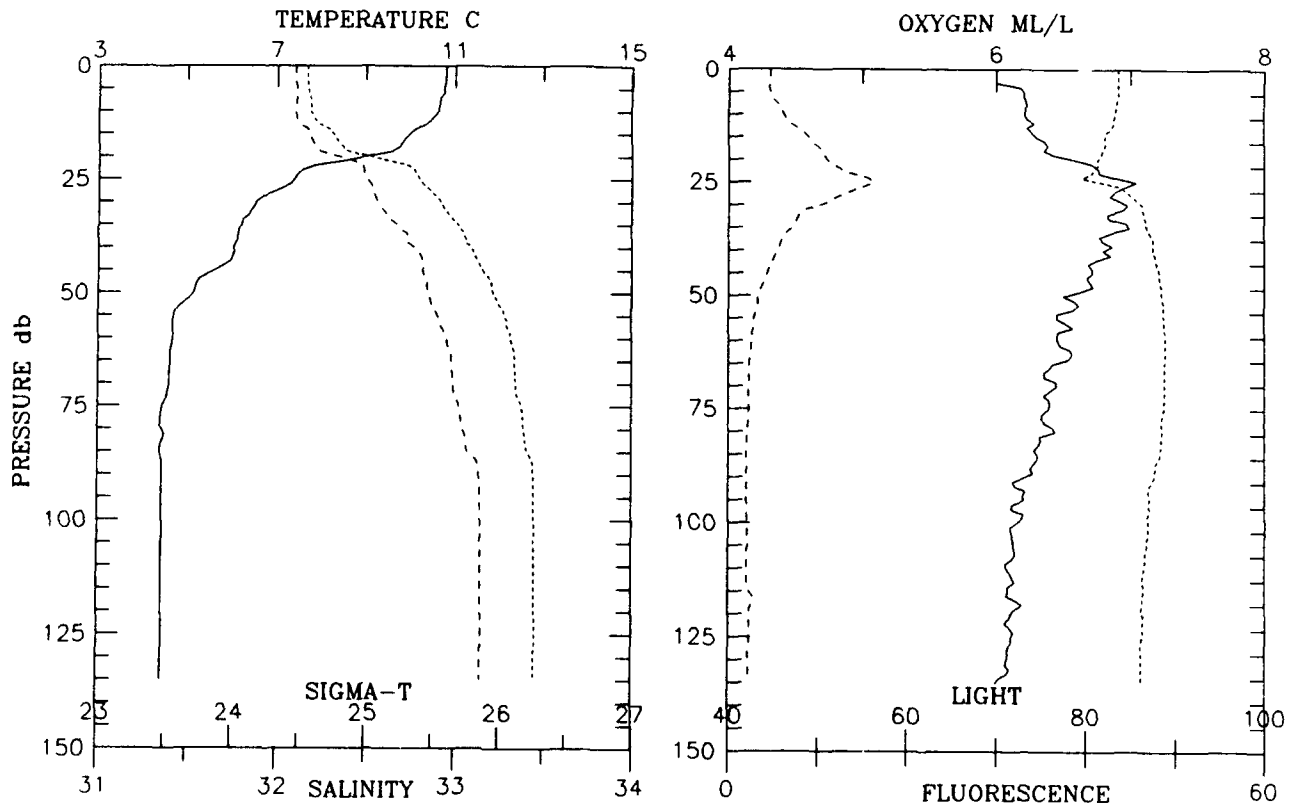
Cruise EN196 Consecutive Station # 72 Depth m:148 Time: 1989-05-25 18:39
 Position: 41° 28.48'N 68° 46.42'W Depth Deck Offset: -0.20 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.897	32.001	24.460	0.0000	6.141	4.9	83.5
10.0	9.846	32.367	24.922	0.0326	6.377	7.8	81.1
20.0	8.671	32.668	25.343	0.0604	6.641	19.6	83.5
30.0	6.732	32.831	25.746	0.0839	6.802	7.7	87.7
40.0	5.652	32.874	25.916	0.1053	6.862	4.5	88.9
50.0	5.445	32.977	26.021	0.1253	6.620	3.1	88.9
60.0	5.003	33.021	26.106	0.1443	6.547	3.0	88.9
70.0	4.731	33.062	26.169	0.1626	6.484	2.8	89.0
80.0	4.497	33.132	26.249	0.1804	6.433	2.4	88.2
90.0	4.452	33.145	26.264	0.1976	6.269	2.1	87.1
100.0	4.450	33.151	26.269	0.2147	6.138	2.3	86.7
110.0	4.450	33.152	26.270	0.2318	6.092	2.2	86.5
120.0	4.450	33.154	26.271	0.2489	6.082	2.3	86.5
130.0	4.450	33.155	26.272	0.2660	6.101	2.3	86.4
140.0	4.451	33.156	26.273	0.2831	6.070	2.3	86.2
141.0	4.450	33.155	26.272	0.2848	6.109	2.3	86.3



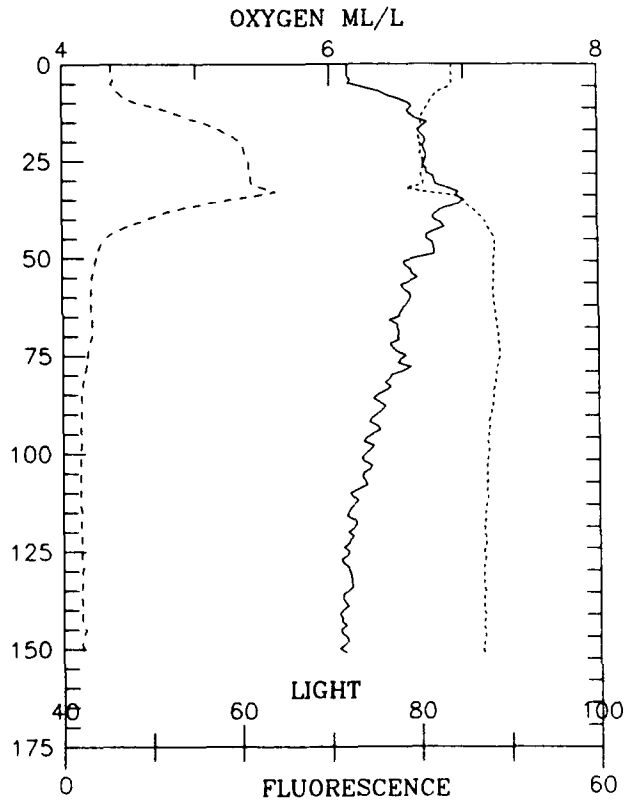
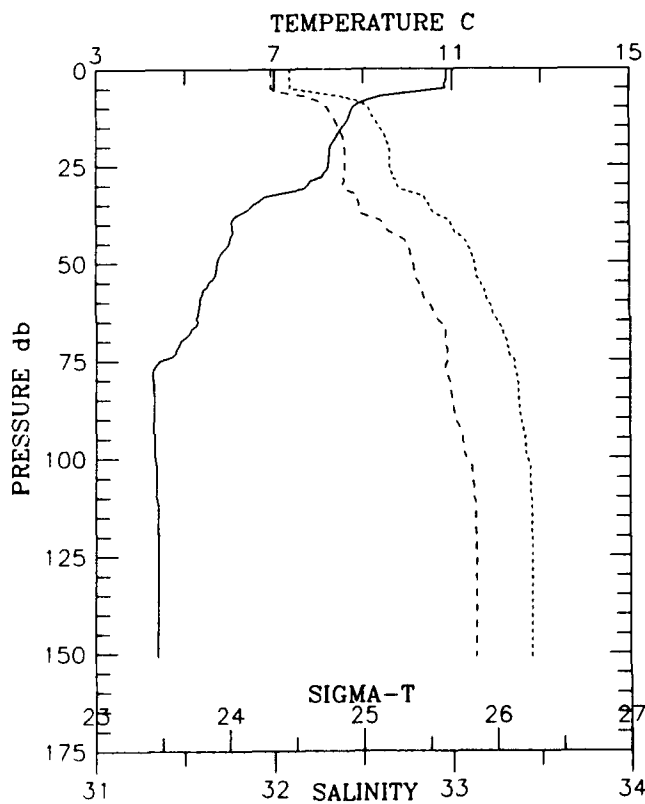
Cruise EN196 Consecutive Station # 73 Depth m:136 Time: 1989-05-25 19:52
 Position: 41° 28.47'N 68° 52.68'W Depth Deck Offset: -0.20 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.796	32.104	24.557	0.0000	6.000	4.6	83.6
10.0		10.643	32.106	24.585	0.0333	6.214	6.2	83.3
20.0		9.057	32.336	25.024	0.0649	6.588	11.0	81.3
30.0		6.533	32.567	25.564	0.0904	6.978	10.2	86.3
40.0		6.032	32.772	25.789	0.1131	6.798	5.4	87.5
50.0		5.142	32.851	25.956	0.1339	6.499	3.3	88.5
60.0		4.677	32.954	26.089	0.1532	6.457	2.6	88.9
70.0		4.601	32.992	26.127	0.1717	6.449	2.2	88.8
80.0		4.426	33.047	26.190	0.1898	6.436	2.2	88.5
90.0		4.440	33.140	26.262	0.2073	6.211	2.0	87.6
100.0		4.444	33.148	26.267	0.2245	6.145	2.0	86.9
110.0		4.444	33.150	26.269	0.2416	6.077	2.1	86.5
120.0		4.444	33.152	26.271	0.2587	6.109	2.3	86.3
130.0		4.444	33.151	26.270	0.2758	6.080	2.2	86.2
135.0		4.444	33.152	26.270	0.2844	5.998	2.4	86.1



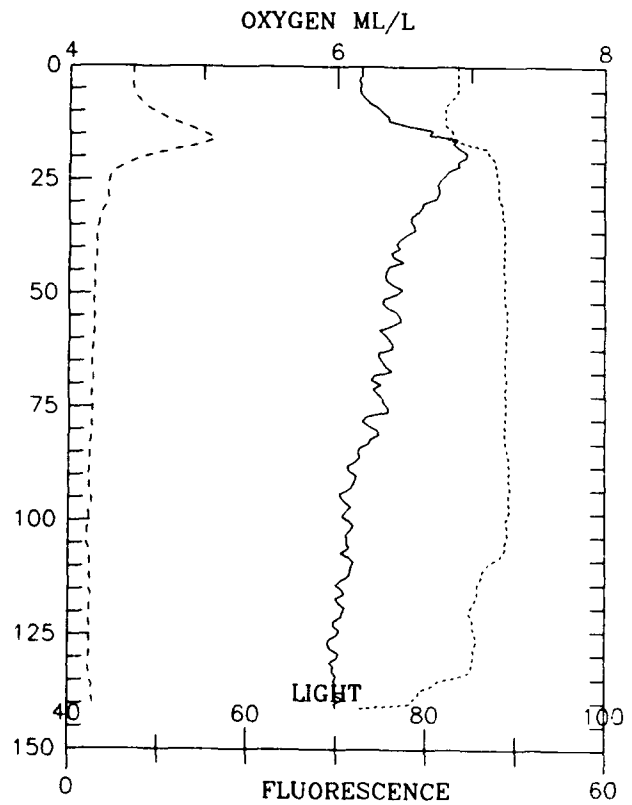
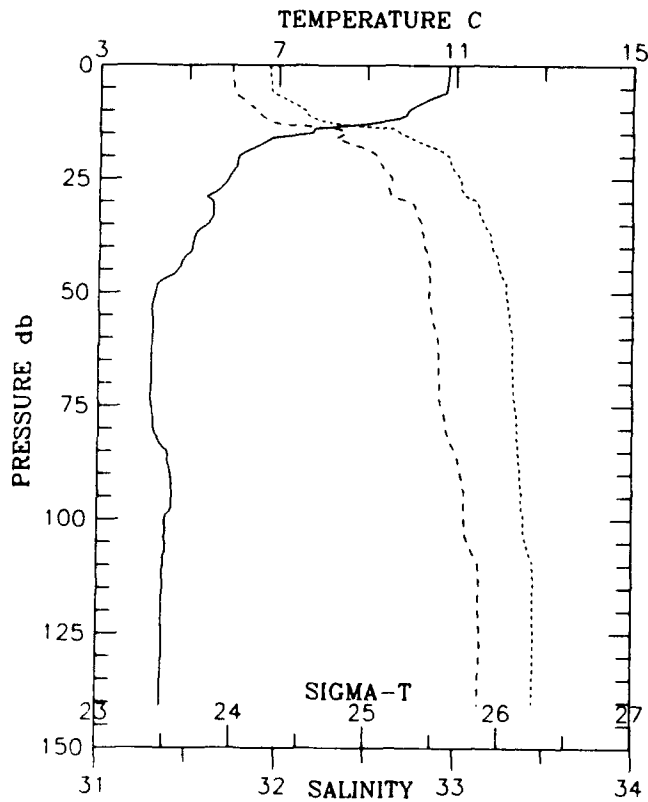
Cruise EN196 Consecutive Station # 74 Depth m:155 Time: 1989-05-25 21:00
 Position: 41° 28.62'N 68° 58.82'W Depth Deck Offset: -0.20 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.867	31.983	24.451	0.0000	6.135	5.5	83.7
10.0	8.774	32.299	25.039	0.0326	6.590	8.4	81.2
20.0	8.252	32.395	25.192	0.0607	6.714	19.9	80.1
30.0	7.757	32.383	25.254	0.0879	6.784	21.2	80.5
40.0	6.045	32.613	25.661	0.1125	6.780	9.6	87.3
50.0	5.718	32.780	25.833	0.1344	6.634	3.8	88.3
60.0	5.341	32.852	25.934	0.1552	6.601	3.1	88.3
70.0	4.897	32.962	26.071	0.1748	6.502	3.2	88.7
80.0	4.277	32.978	26.150	0.1934	6.453	2.3	88.5
90.0	4.308	33.018	26.179	0.2115	6.348	2.1	87.9
100.0	4.325	33.073	26.221	0.2292	6.256	1.9	87.5
110.0	4.364	33.119	26.253	0.2465	6.144	1.9	87.4
120.0	4.394	33.132	26.260	0.2637	6.127	2.0	87.1
130.0	4.397	33.130	26.259	0.2809	6.131	2.1	87.0
140.0	4.396	33.133	26.261	0.2981	6.083	2.1	87.0
150.0	4.398	33.133	26.261	0.3153	6.059	2.2	86.9
151.0	4.397	33.133	26.261	0.3171	6.109	2.1	87.0



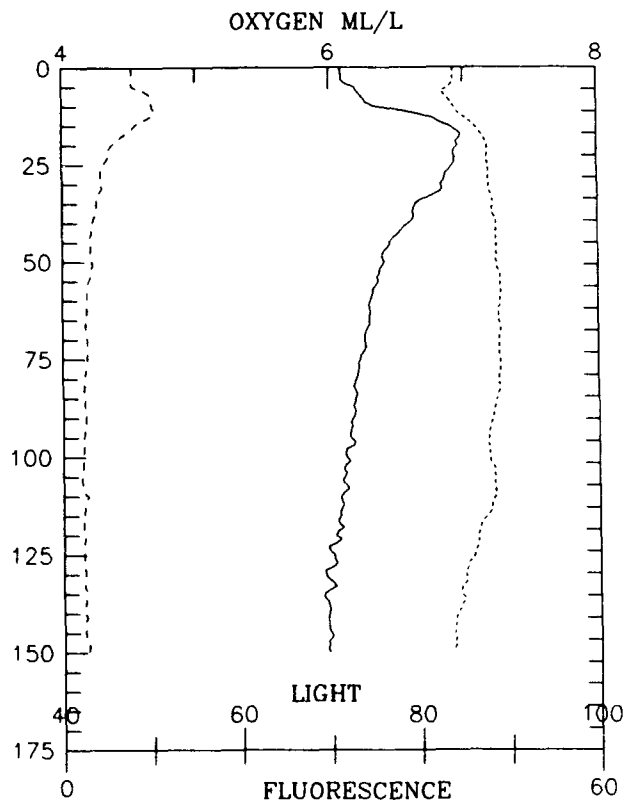
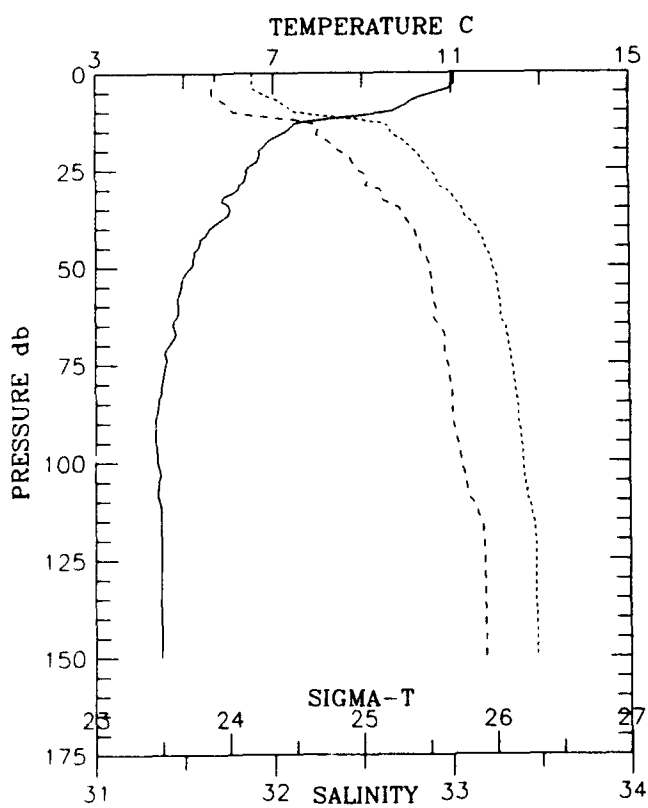
Cruise EN196 Consecutive Station # 75 Depth m:145 Time: 1989-05-25 22:14
 Position: 41° 28.62'N 69° 5.08'W Depth Deck Offset: -0.23 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.827	31.741	24.269	0.0000	6.181	7.1	83.5
10.0		9.929	31.891	24.537	0.0356	6.337	9.6	82.2
20.0		6.098	32.558	25.612	0.0635	6.955	8.1	87.3
30.0		5.555	32.753	25.831	0.0861	6.647	4.3	88.4
40.0		5.080	32.823	25.941	0.1068	6.467	3.1	88.7
50.0		4.285	32.856	26.052	0.1263	6.452	2.8	88.8
60.0		4.201	32.900	26.096	0.1452	6.390	2.7	88.9
70.0		4.201	32.913	26.106	0.1639	6.333	2.6	89.0
80.0		4.228	32.947	26.130	0.1824	6.297	2.6	88.8
90.0		4.627	33.035	26.158	0.2007	6.145	2.2	89.2
100.0		4.519	33.058	26.188	0.2187	6.091	2.3	88.9
110.0		4.480	33.137	26.255	0.2363	6.111	2.4	86.7
120.0		4.455	33.141	26.261	0.2535	6.045	2.4	84.8
130.0		4.466	33.148	26.266	0.2707	6.013	2.3	85.3
140.0		4.450	33.141	26.262	0.2879	5.990	2.8	78.2
141.0		4.449	33.141	26.262	0.2896	6.002	3.3	72.6



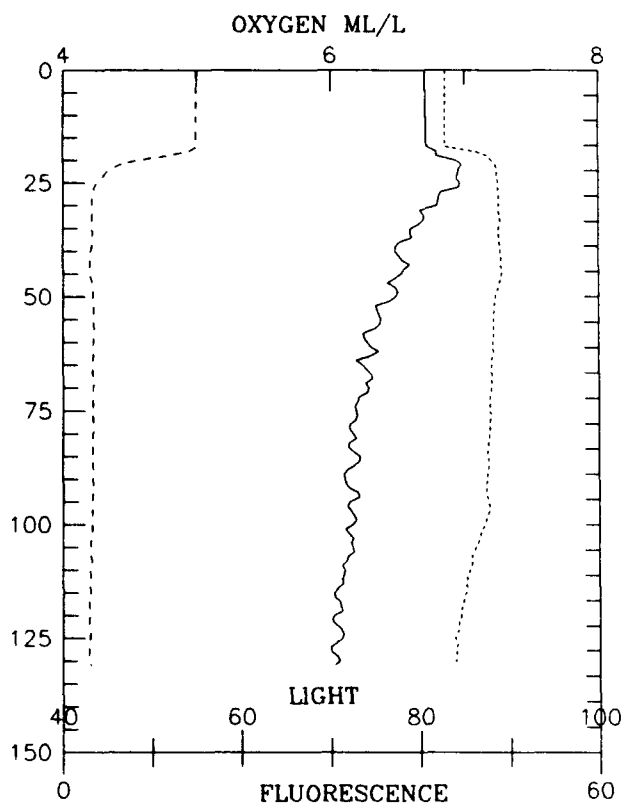
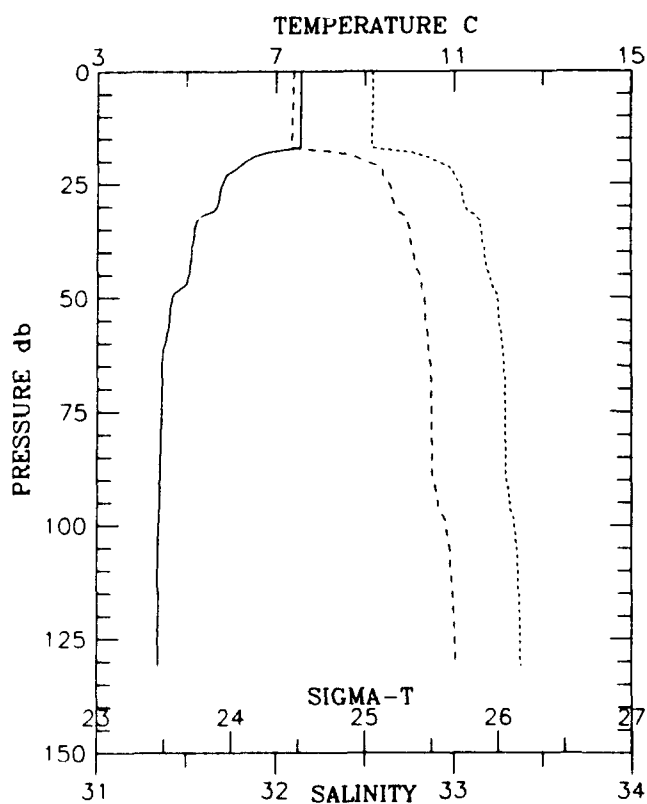
Cruise EN196 Consecutive Station # 76 Depth m:153 Time: 1989-05-25 23:08
 Position: 41° 26.54'N 69° 9.56'W Depth Deck Offset: -0.10 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	11.061	31.673	24.176	0.0000	6.089	7.9	83.9
10.0		9.668	31.771	24.486	0.0361	6.338	10.2	84.0
20.0		6.680	32.369	25.389	0.0639	6.960	5.6	87.7
30.0		6.206	32.591	25.625	0.0883	6.824	4.3	87.8
40.0		5.566	32.789	25.858	0.1104	6.593	3.4	88.6
50.0		5.138	32.871	25.972	0.1308	6.406	3.3	88.6
60.0		4.871	32.908	26.032	0.1504	6.301	2.8	89.0
70.0		4.664	32.957	26.093	0.1694	6.258	2.7	88.9
80.0		4.497	32.996	26.142	0.1879	6.194	2.5	88.9
90.0		4.336	33.004	26.165	0.2061	6.160	2.5	88.0
100.0		4.389	33.049	26.195	0.2240	6.112	2.2	87.7
110.0		4.425	33.110	26.240	0.2417	6.069	2.7	88.3
120.0		4.469	33.176	26.287	0.2587	6.030	2.4	86.4
130.0		4.473	33.182	26.292	0.2757	5.955	2.4	84.9
140.0		4.475	33.184	26.293	0.2926	5.972	2.4	83.9
150.0		4.476	33.184	26.293	0.3095	5.975	2.6	83.4



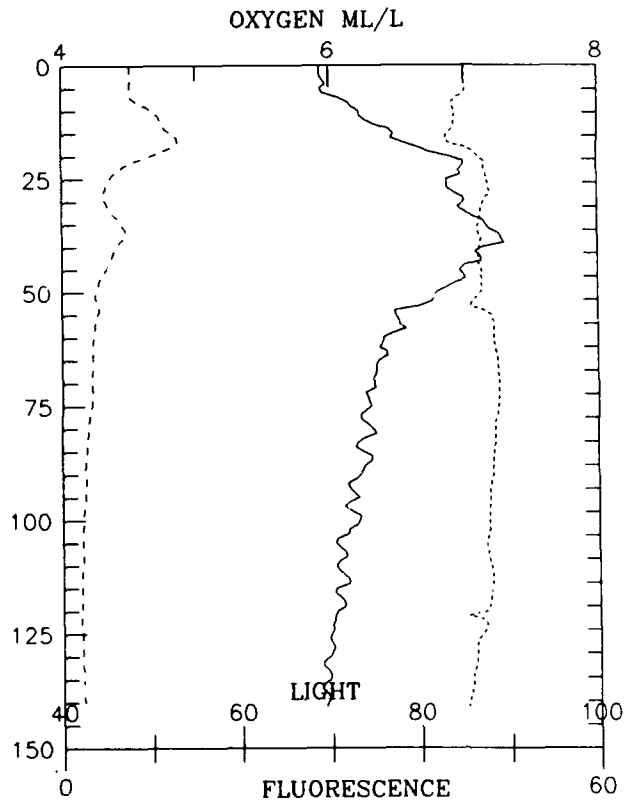
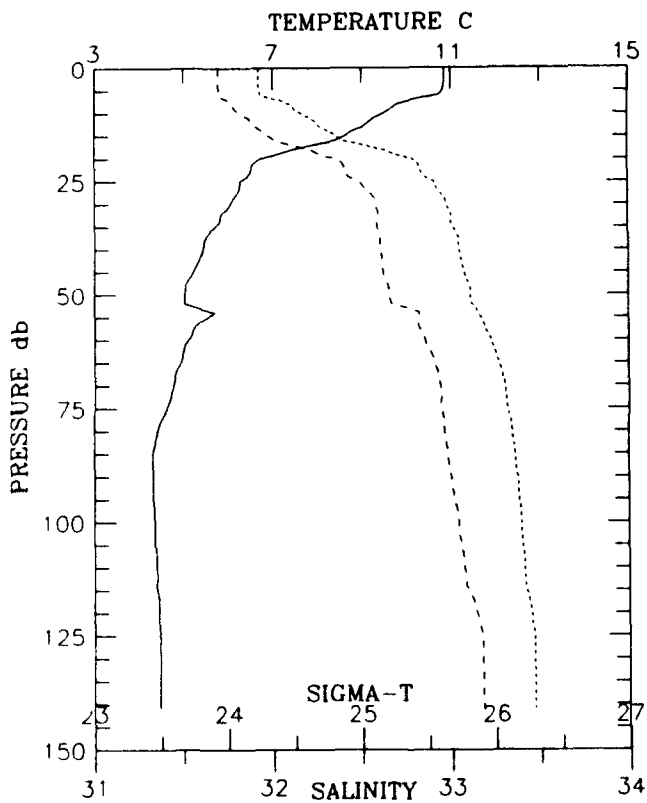
Cruise EN196 Consecutive Station # 77 Depth m:138 Time: 1989-05-26 00:25
 Position: 41° 24.22'N 69° 14.29'W Depth Deck Offset: -0.10 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 7.552	32.097	25.058	0.0000	6.703	15.0	82.8
10.0	E 7.551	32.093	25.055	0.0286	6.711	15.0	82.8
20.0	6.357	32.504	25.536	0.0563	6.940	8.5	88.0
30.0	5.673	32.669	25.751	0.0789	6.794	3.2	88.8
40.0	5.108	32.772	25.897	0.0999	6.480	3.1	89.0
50.0	4.672	32.834	25.994	0.1202	6.487	3.3	88.4
60.0	4.522	32.854	26.026	0.1397	6.275	3.4	88.1
70.0	4.450	32.871	26.047	0.1589	6.281	3.3	87.9
80.0	4.431	32.876	26.053	0.1781	6.166	3.3	87.7
90.0	4.414	32.887	26.064	0.1972	6.108	3.3	87.5
100.0	4.376	32.952	26.119	0.2160	6.162	3.2	87.2
110.0	4.363	32.985	26.147	0.2344	6.102	3.0	85.5
120.0	4.365	33.000	26.158	0.2526	6.022	3.0	84.5
130.0	4.364	33.009	26.166	0.2707	6.065	2.9	83.9
131.0	4.364	33.009	26.166	0.2725	6.026	3.1	84.0



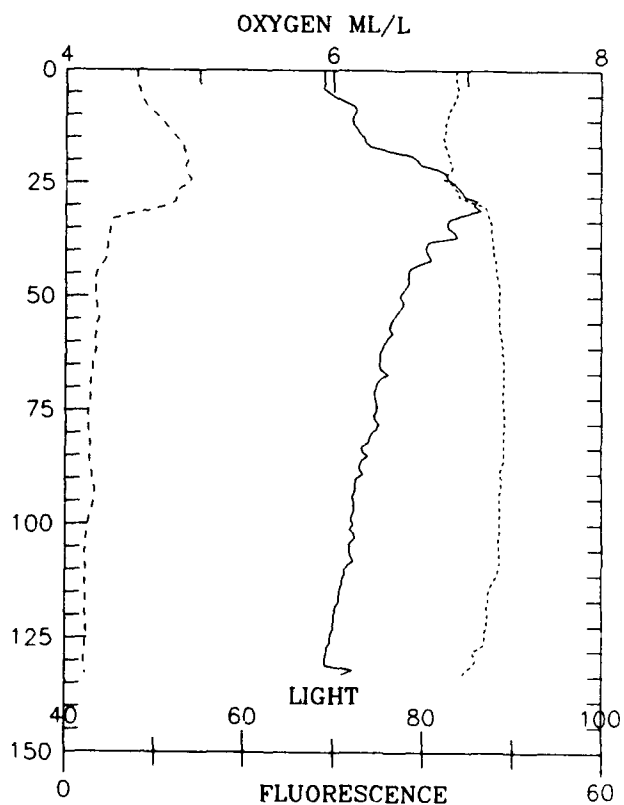
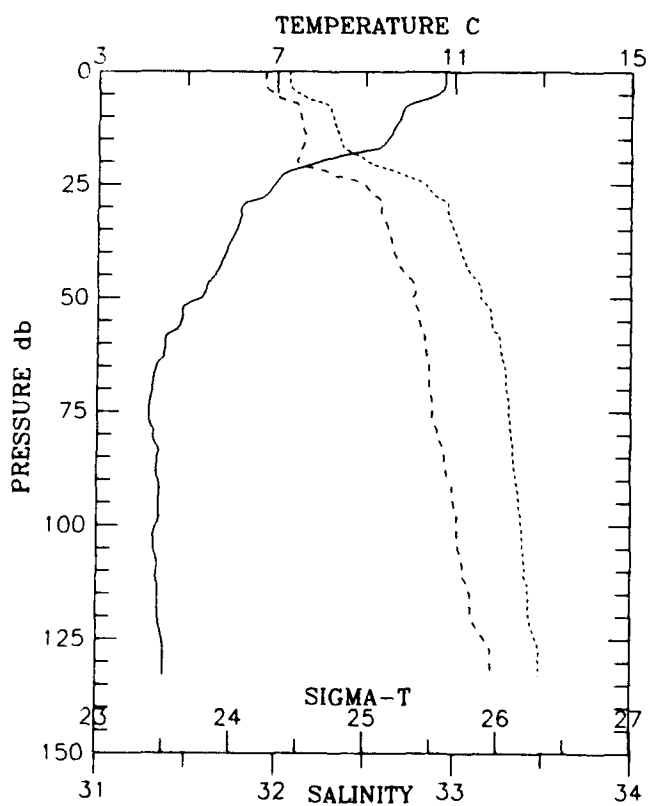
Cruise EN196 Consecutive Station # 78 Depth m:153 Time: 1989-05-26 02:33
 Position: 41° 26.44'N 69° 9.68'W Depth Deck Offset: -0.10 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.859	31.696	24.229	0.0000	5.930	7.7	85.1
10.0		9.510	31.820	24.550	0.0357	6.224	10.3	84.0
20.0		6.729	32.358	25.374	0.0660	6.899	9.8	86.7
30.0		6.060	32.577	25.631	0.0903	7.005	4.9	87.2
40.0		5.428	32.604	25.728	0.1129	7.135	6.0	86.7
50.0		.030	32.655	25.813	0.1347	6.798	3.8	86.9
60.0		0.095	32.853	25.963	0.1554	6.397	3.5	88.3
70.0		4.757	32.937	26.067	0.1749	6.325	3.2	88.8
80.0		4.410	32.962	26.124	0.1936	6.315	2.9	88.4
90.0		4.305	32.997	26.162	0.2119	6.221	2.6	88.1
100.0		4.346	33.041	26.193	0.2298	6.212	2.3	87.7
110.0		4.390	33.071	26.212	0.2476	6.034	2.2	87.8
120.0		4.437	33.144	26.265	0.2650	6.047	2.1	87.5
130.0		4.465	33.174	26.286	0.2820	5.988	2.1	86.1
140.0		4.470	33.178	26.289	0.2990	5.967	2.4	85.2
141.0		4.469	33.178	26.289	0.3007	5.957	2.4	85.2



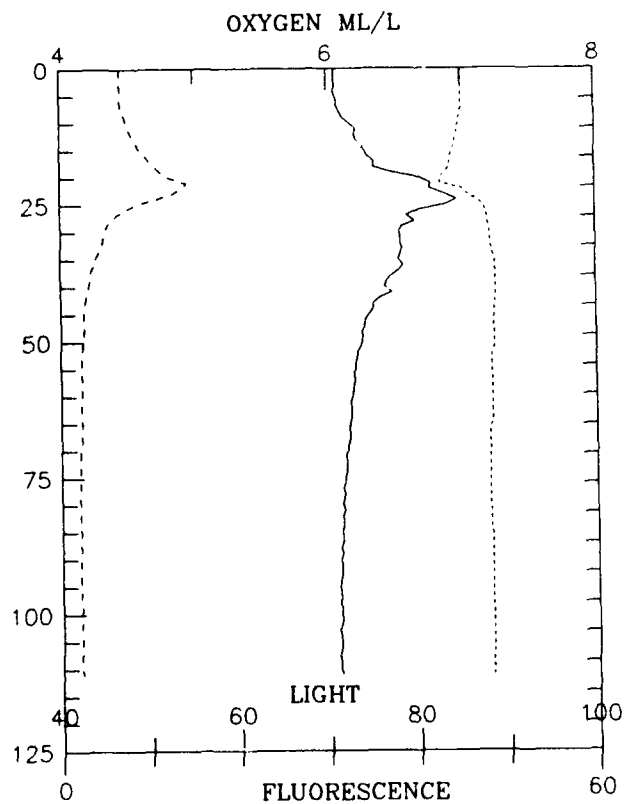
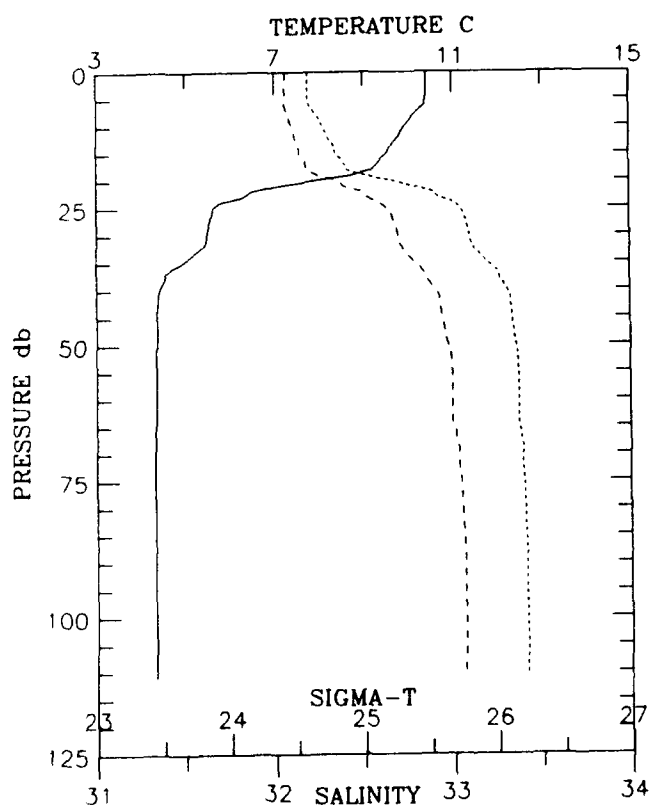
Cruise EN196 Consecutive Station # 79 Depth m:145 Time: 1989-05-26 06:13
 Position: 41° 28.73'N 69° 5.21'W Depth Deck Offset: -0.10 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.780	31.935	24.429	0.0000	5.931	8.0	83.8
10.0	9.787	32.134	24.750	0.0334	6.152	10.2	82.9
20.0	7.969	32.108	25.008	0.0642	6.626	13.7	83.0
30.0	6.224	32.590	25.621	0.0896	7.054	11.4	86.9
40.0	5.889	32.662	25.719	0.1124	6.695	4.6	88.0
50.0	5.332	32.764	25.865	0.1339	6.494	3.3	88.5
60.0	4.509	32.841	26.017	0.1539	6.390	3.4	88.9
70.0	4.235	32.868	26.067	0.1731	6.321	2.8	89.1
80.0	4.257	32.910	26.098	0.1919	6.280	2.6	89.0
90.0	4.377	32.978	26.140	0.2105	6.172	3.0	88.8
100.0	4.333	33.022	26.179	0.2286	6.152	2.5	88.6
110.0	4.342	33.053	26.203	0.2464	6.083	2.2	88.4
120.0	4.396	33.107	26.240	0.2639	6.002	2.2	87.2
130.0	4.516	33.213	26.312	0.2809	5.938	2.1	85.9
133.0	4.517	33.215	26.313	0.2859	6.065	2.3	84.4



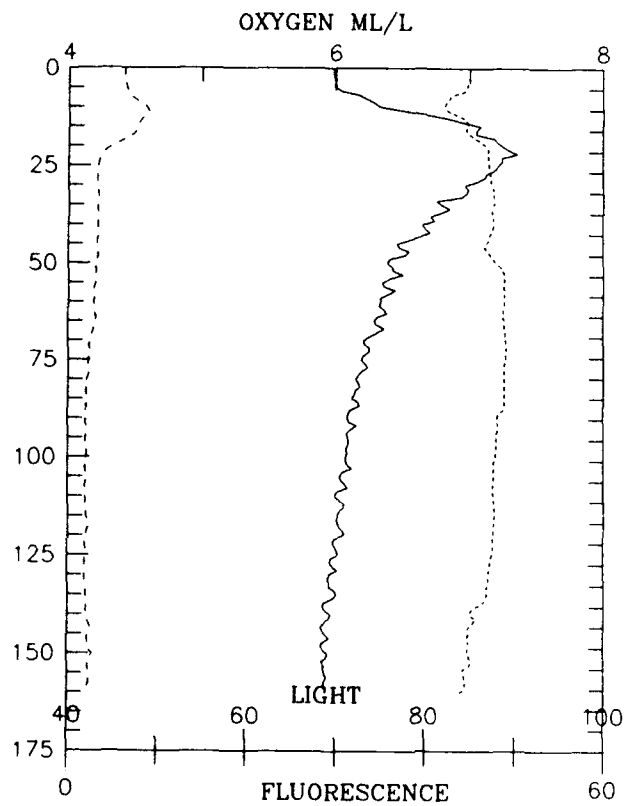
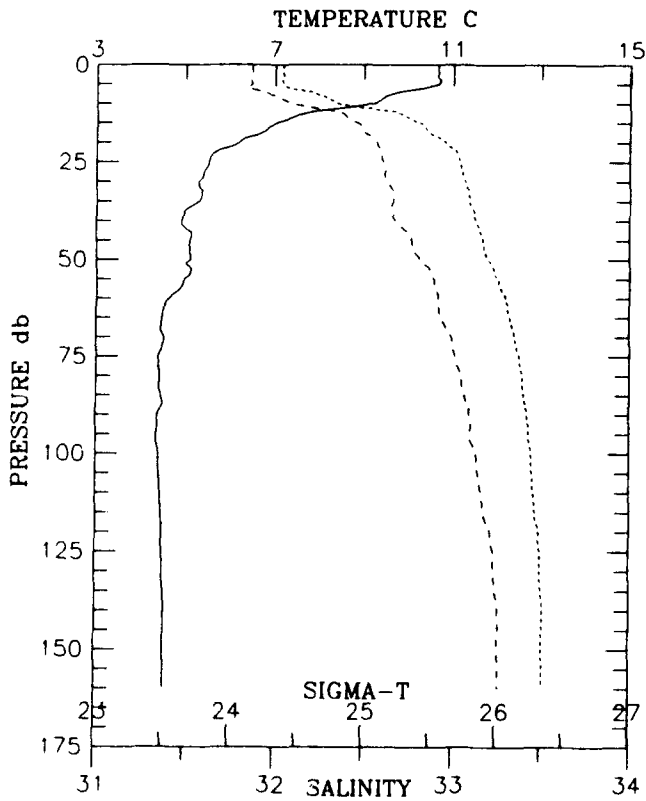
Cruise EN196 Consecutive Station # 80 Depth m:116 Time: 1989-05-26 08:29
 Position: 41° 36.00'N 68° 56.25'W Depth Deck Offset: -0.40 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.425	32.061	24.587	0.0000	6.060	6.8	85.1
10.0		9.933	32.098	24.698	0.0329	6.165	7.5	84.7
20.0		7.878	32.362	25.220	0.0636	6.679	12.2	82.7
30.0		5.478	32.692	25.792	0.0867	6.536	5.0	88.1
40.0		4.413	32.902	26.075	0.1069	6.424	3.1	88.7
50.0		4.349	32.971	26.137	0.1255	6.248	2.4	88.5
60.0		4.335	32.993	26.156	0.1436	6.175	2.3	88.3
70.0		4.312	33.031	26.188	0.1616	6.137	2.1	88.0
80.0		4.313	33.049	26.202	0.1794	6.093	2.0	88.0
90.0		4.319	33.063	26.213	0.1970	6.080	2.0	88.1
100.0		4.320	33.063	26.213	0.2147	6.075	2.0	88.1
110.0		4.321	33.064	26.214	0.2323	6.069	2.1	88.2
111.0		4.321	33.064	26.214	0.2341	6.081	2.2	88.1



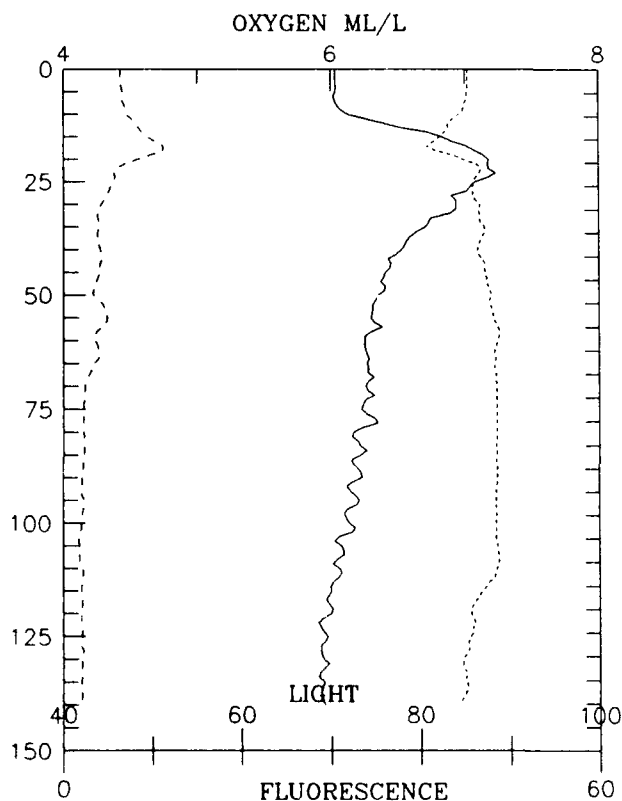
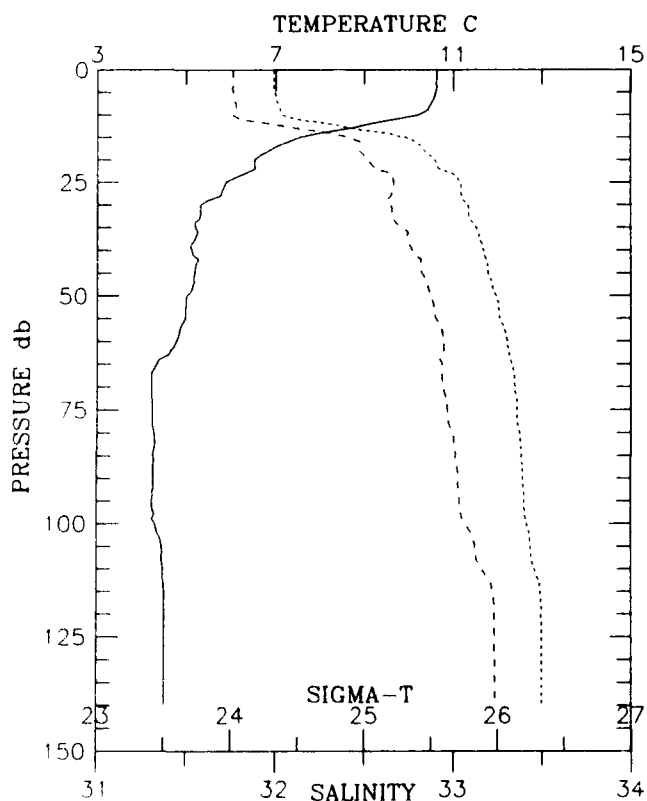
Cruise EN196 Consecutive Station # 81 Depth m:165 Time: 1989-05-26 10:33
 Position: 41° 33.26'W 69° 6.60'W Depth Deck Offset: -0.30 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.677	31.869	24.395	0.0000	6.3	85.0
10.0		9.236	32.085	24.800	0.0339	8.7	82.2
20.0		6.198	32.571	25.609	0.0598	5.0	86.9
30.0		5.308	32.631	25.763	0.0822	3.2	87.5
40.0		4.904	32.678	25.845	0.1037	3.3	87.7
50.0		5.111	32.818	25.934	0.1243	3.2	88.1
60.0		4.631	32.918	26.065	0.1439	2.8	88.9
70.0		4.535	32.997	26.138	0.1626	2.5	89.1
80.0		4.429	33.049	26.190	0.1806	2.1	88.9
90.0		4.398	33.099	26.233	0.1983	2.0	88.1
100.0		4.409	33.136	26.262	0.2156	2.1	87.9
110.0		4.453	33.168	26.282	0.2327	1.9	87.7
120.0		4.488	33.215	26.316	0.2496	2.0	87.6
130.0		4.514	33.240	26.333	0.2662	1.9	87.2
140.0		4.541	33.260	26.346	0.2826	2.1	85.0
150.0		4.543	33.262	26.348	0.2990	2.8	84.8
160.0		4.546	33.264	26.349	0.3155	2.2	83.9



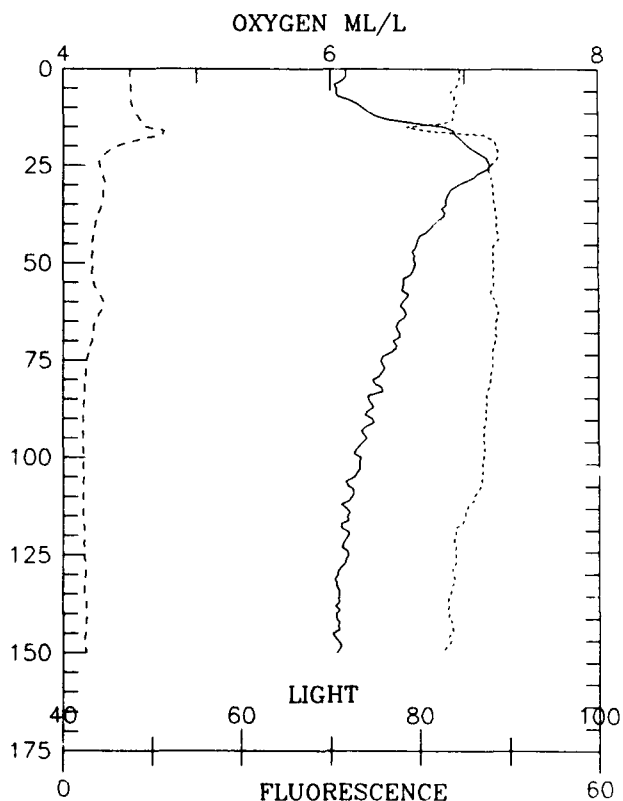
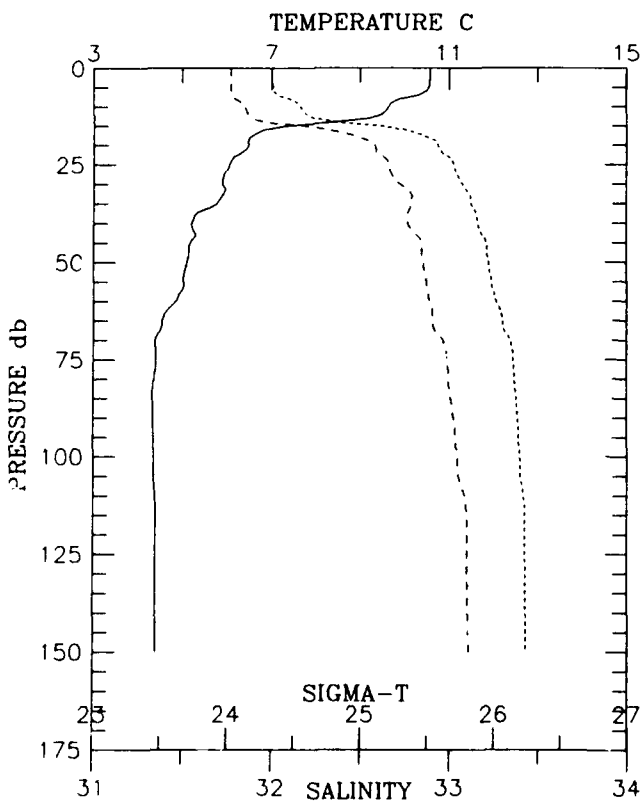
Cruise EN196 Consecutive Station # 82 Depth m:144 Time: 1989-05-26 11:31
 Position: 41° 28.72'N 69° 5.27'W Depth Deck Offset: -0.20 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.621	31.761	24.320	0.0000	6.034	6.4	85.3
10.0	10.219	31.756	24.384	0.0355	6.130	7.1	84.3
20.0	6.521	32.522	25.530	0.0634	7.175	8.3	84.8
30.0	5.321	32.648	25.775	0.0862	6.933	4.2	86.7
40.0	5.119	32.768	25.893	0.1074	6.523	4.1	86.4
50.0	5.011	32.873	25.988	0.1276	6.351	3.3	88.0
60.0	4.780	32.947	26.072	0.1470	6.255	3.6	88.6
70.0	4.221	32.942	26.127	0.1656	6.257	2.4	88.5
80.0	4.278	32.996	26.165	0.1839	6.164	2.2	88.5
90.0	4.265	33.027	26.190	0.2018	6.227	2.1	88.6
100.0	4.310	33.067	26.218	0.2196	6.133	2.0	88.4
110.0	4.480	33.161	26.274	0.2369	6.060	2.1	88.5
120.0	4.514	33.230	26.325	0.2536	6.003	2.0	85.6
130.0	4.517	33.233	26.327	0.2702	5.942	2.1	84.7
140.0	4.516	33.233	26.327	0.2868	5.952	2.1	84.4



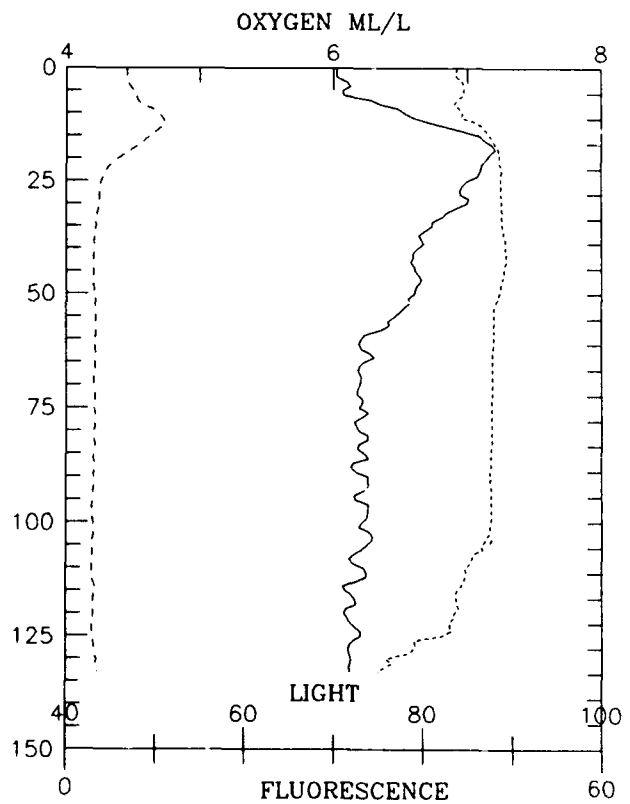
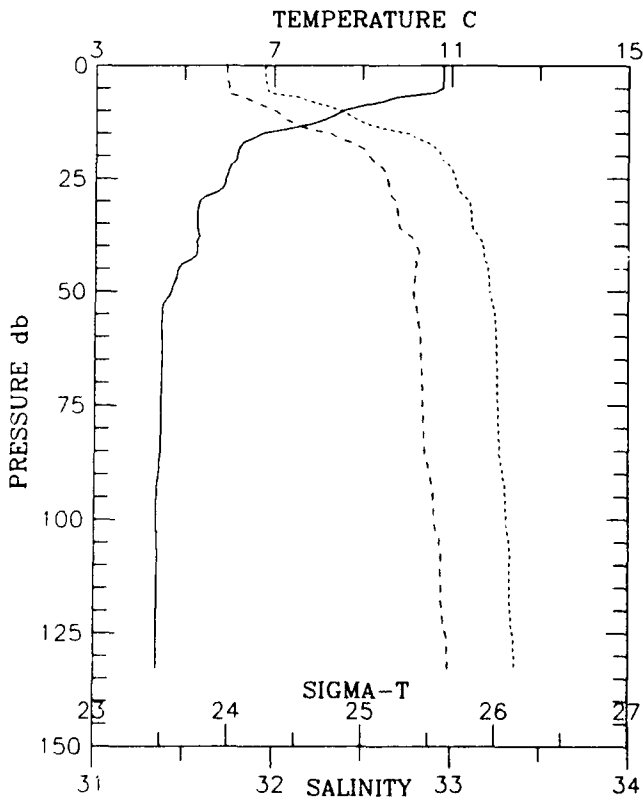
Cruise EN196 Consecutive Station # 83 Depth m:152 Time: 1989-05-26 13:36
 Position: 41° 26.49'N 69° 9.62'W Depth Deck Offset: -0.20 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.573	31.772	24.337	0.0000	6.116	7.5	84.5
10.0	9.633	31.852	24.555	0.0350	6.243	7.9	84.0
20.0	6.485	32.580	25.581	0.0635	7.023	6.0	88.5
30.0	5.884	32.720	25.766	0.0861	6.954	4.5	88.1
40.0	5.199	32.764	25.881	0.1073	6.771	3.6	88.6
50.0	5.101	32.854	25.963	0.1276	6.637	3.3	88.2
60.0	4.845	32.887	26.017	0.1473	6.536	4.5	88.4
70.0	4.388	32.966	26.129	0.1663	6.467	3.2	88.4
80.0	4.371	32.994	26.153	0.1846	6.314	2.4	87.9
90.0	4.343	33.025	26.181	0.2026	6.312	2.2	87.4
100.0	4.352	33.043	26.194	0.2205	6.223	2.2	87.1
110.0	4.384	33.084	26.223	0.2382	6.155	2.2	86.0
120.0	4.398	33.099	26.233	0.2557	6.131	2.4	84.0
130.0	4.399	33.101	26.235	0.2731	6.057	2.5	83.7
140.0	4.402	33.103	26.236	0.2906	6.040	2.6	83.2
150.0	4.404	33.105	26.237	0.3080	6.038	2.6	82.5



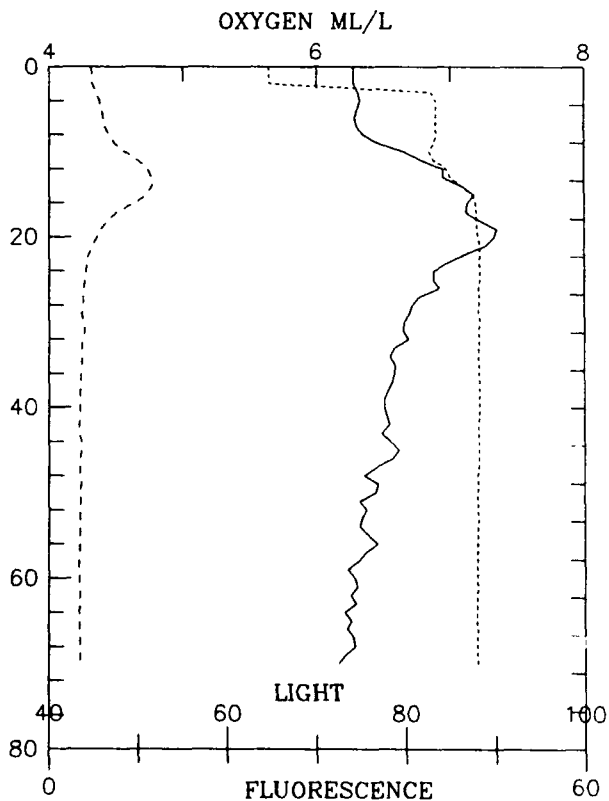
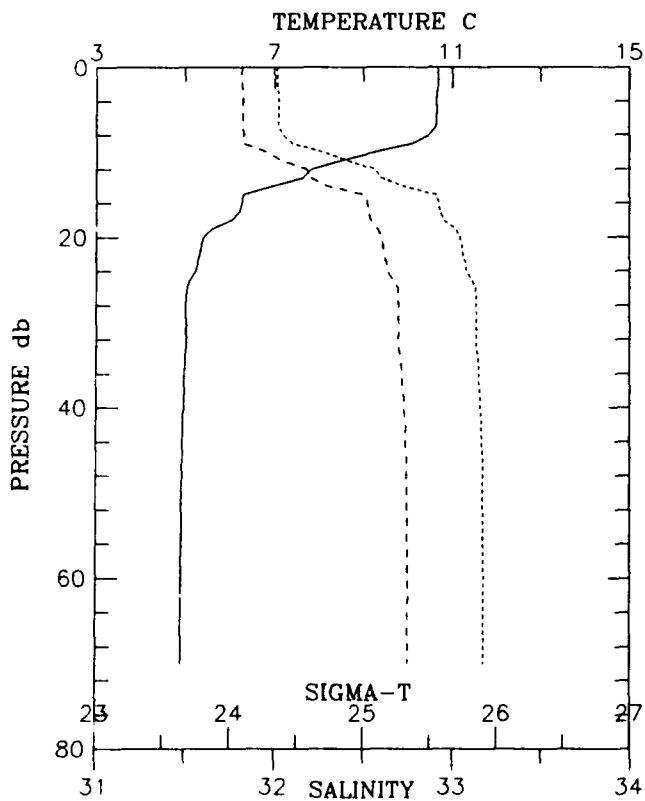
Cruise EN196 Consecutive Station # 84 Depth m:136 Time: 1989-05-26 15:34
 Position: 41° 24.24'N 69° 14.33'W Depth Deck Offset: -0.20 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.815	31.736	24.268	0.0000	6.027	6.8	83.8
10.0		8.563	32.005	24.840	0.0348	6.530	10.3	84.4
20.0		6.173	32.534	25.583	0.0615	7.140	5.8	88.5
30.0		5.337	32.686	25.803	0.0841	6.990	3.7	88.8
40.0		5.281	32.805	25.903	0.1052	6.629	3.0	89.2
50.0		4.708	32.786	25.953	0.1255	6.600	3.1	88.5
60.0		4.507	32.826	26.005	0.1452	6.207	3.2	87.9
70.0		4.503	32.834	26.012	0.1647	6.196	3.1	87.8
80.0		4.479	32.844	26.022	0.1842	6.190	3.1	87.7
90.0		4.443	32.881	26.055	0.2035	6.260	3.1	87.6
100.0		4.380	32.905	26.081	0.2224	6.212	3.0	87.5
110.0		4.411	32.944	26.109	0.2412	6.223	2.9	84.7
120.0		4.407	32.950	26.114	0.2598	6.077	3.0	83.5
130.0		4.391	32.983	26.142	0.2782	6.128	3.4	75.8
133.0		4.391	32.983	26.142	0.2837	6.120	3.5	74.9



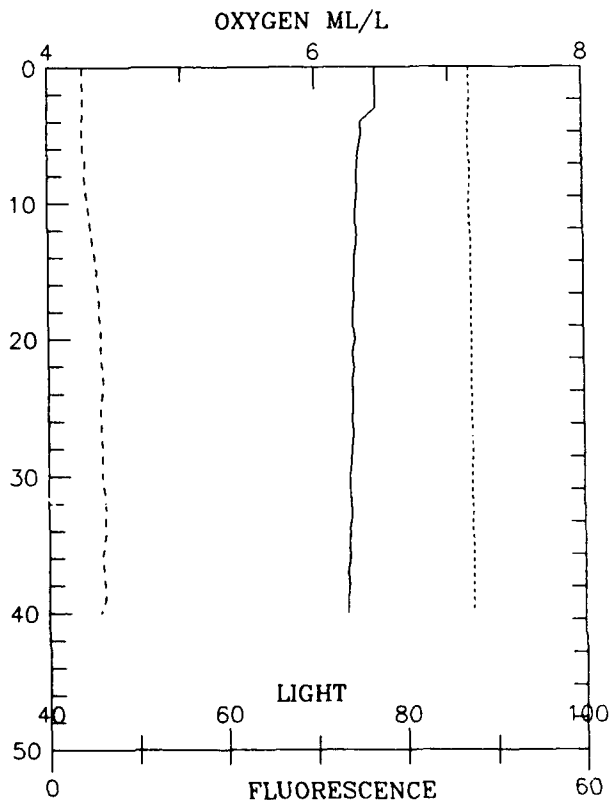
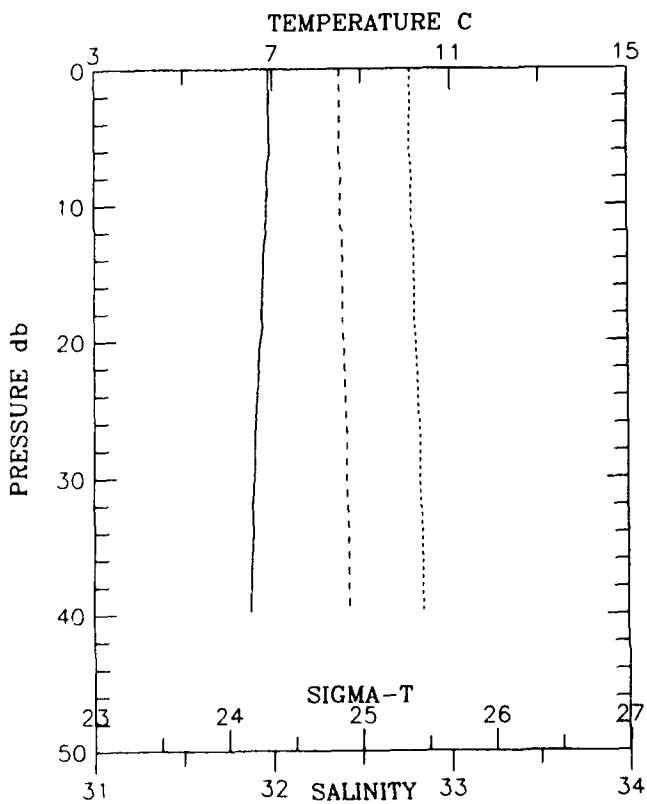
Cruise EN196 Consecutive Station # 85 Depth m:73 Time: 1989-05-26 17:47
 Position: 41° 23.67'N 69° 19.75'W Depth Deck Offset: -0.20 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.682	31.818	24.354	0.0000	6.277	4.8	64.7
5.0	10.652	31.823	24.363	0.0176	6.306	5.9	83.4
10.0	9.288	31.959	24.693	0.0350	6.646	8.4	82.6
15.0	6.301	32.510	25.548	0.0491	7.175	11.0	87.5
20.0	5.405	32.602	25.729	0.0607	7.327	5.4	88.1
25.0	5.100	32.665	25.813	0.0717	6.876	4.0	88.3
30.0	5.021	32.700	25.850	0.0822	6.650	3.9	88.3
35.0	4.993	32.715	25.865	0.0927	6.589	3.7	88.2
40.0	4.968	32.728	25.878	0.1031	6.508	3.5	88.2
45.0	4.936	32.742	25.892	0.1135	6.611	3.6	88.1
50.0	4.925	32.747	25.898	0.1238	6.440	3.5	88.0
55.0	4.924	32.748	25.898	0.1341	6.383	3.5	88.0
60.0	4.915	32.752	25.903	0.1443	6.280	3.4	87.9
65.0	4.914	32.752	25.903	0.1546	6.258	3.5	87.9
70.0	4.915	32.752	25.903	0.1649	6.161	3.5	88.0



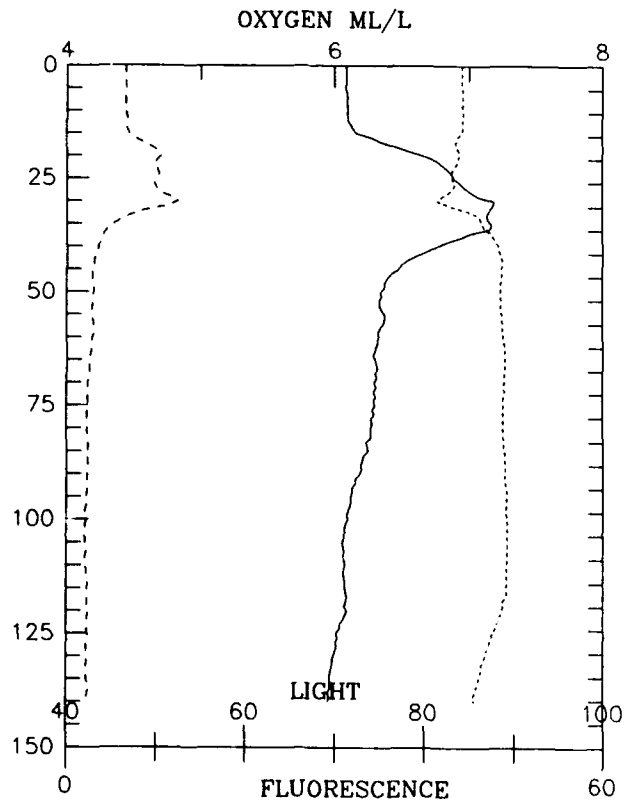
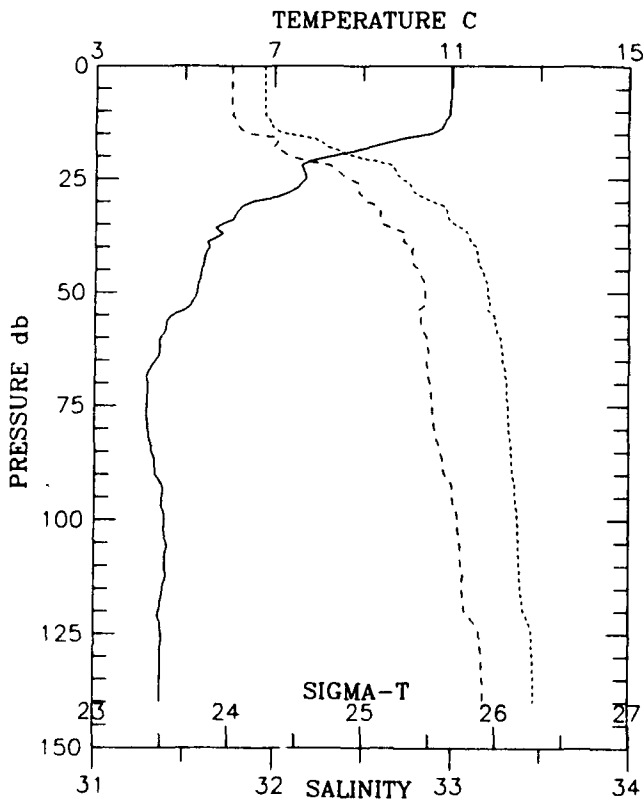
Cruise EN196 Consecutive Station # 86 Depth m:40 Time: 1989-05-26 18:59
 Position: 41° 23.26'N 69° 24.94'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	6.918	32.381	25.367	0.0000	6.456	4.0	87.3
5.0		6.932	32.379	25.364	0.0128	6.351	3.9	87.2
10.0		6.869	32.384	25.376	0.0256	6.306	4.5	87.2
15.0		6.784	32.391	25.393	0.0384	6.286	5.4	87.3
20.0		6.721	32.398	25.406	0.0510	6.292	5.9	87.4
25.0		6.645	32.410	25.425	0.0636	6.271	5.9	87.4
30.0		6.594	32.416	25.437	0.0761	6.250	6.0	87.4
35.0		6.537	32.425	25.452	0.0886	6.239	6.1	87.5
40.0		6.506	32.429	25.459	0.1010	6.231	5.8	87.5



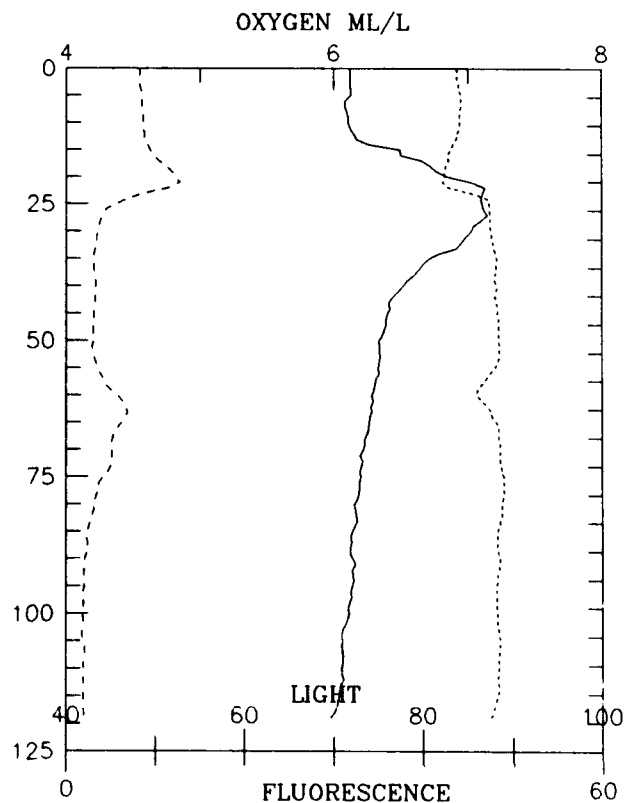
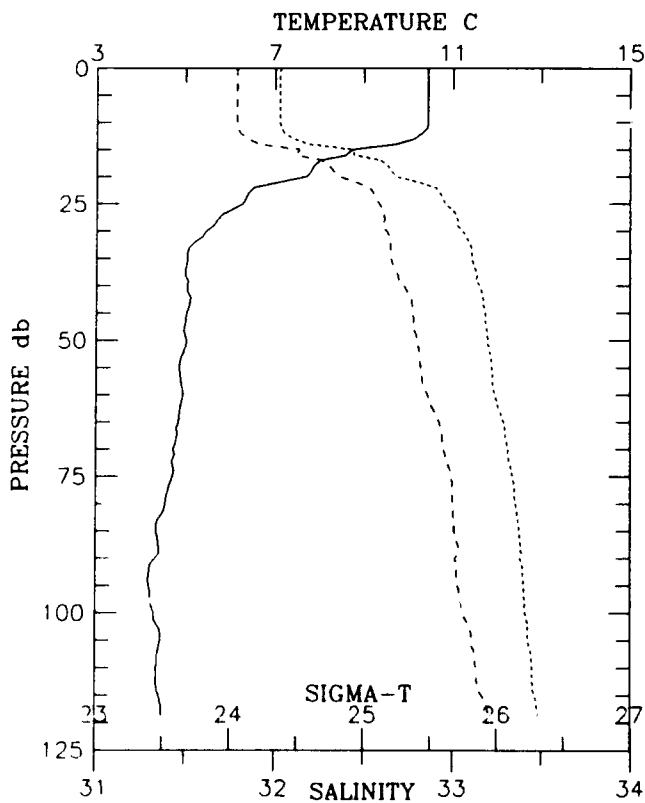
Cruise EN196 Consecutive Station # 87 Depth m:145 Time: 1989-05-26 22:13
 Position: 41° 28.59'N 69° 5.07'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.978	31.763	24.260	0.0000	6.086	6.6	84.2
10.0		10.950	31.768	24.269	0.0362	6.098	6.7	84.4
20.0		8.321	32.080	24.935	0.0700	6.659	10.6	83.9
30.0		6.535	32.515	25.523	0.0965	7.188	12.5	81.5
40.0		5.566	32.783	25.853	0.1189	6.755	3.5	88.3
50.0		5.293	32.852	25.940	0.1396	6.347	3.0	88.6
60.0		4.470	32.862	26.038	0.1594	6.333	2.9	88.9
70.0		4.192	32.883	26.083	0.1785	6.297	2.4	89.0
80.0		4.200	32.907	26.101	0.1972	6.271	2.3	88.9
90.0		4.356	32.960	26.128	0.2157	6.190	2.3	89.1
100.0		4.580	33.037	26.165	0.2340	6.096	2.2	89.3
110.0		4.594	33.058	26.180	0.2520	6.078	2.1	89.2
120.0		4.453	33.076	26.210	0.2698	6.091	2.4	88.7
130.0		4.501	33.173	26.282	0.2870	5.992	2.3	86.8
140.0		4.496	33.185	26.292	0.3040	5.954	2.4	85.6



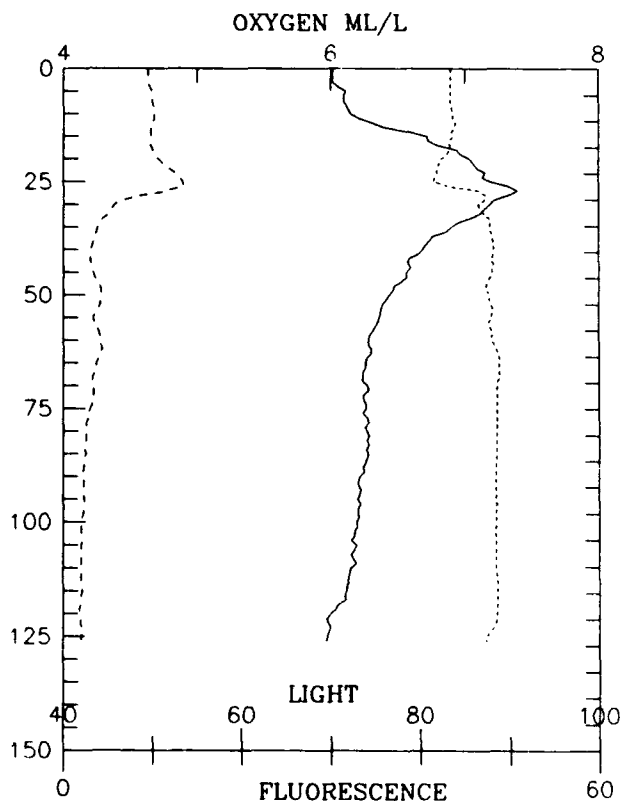
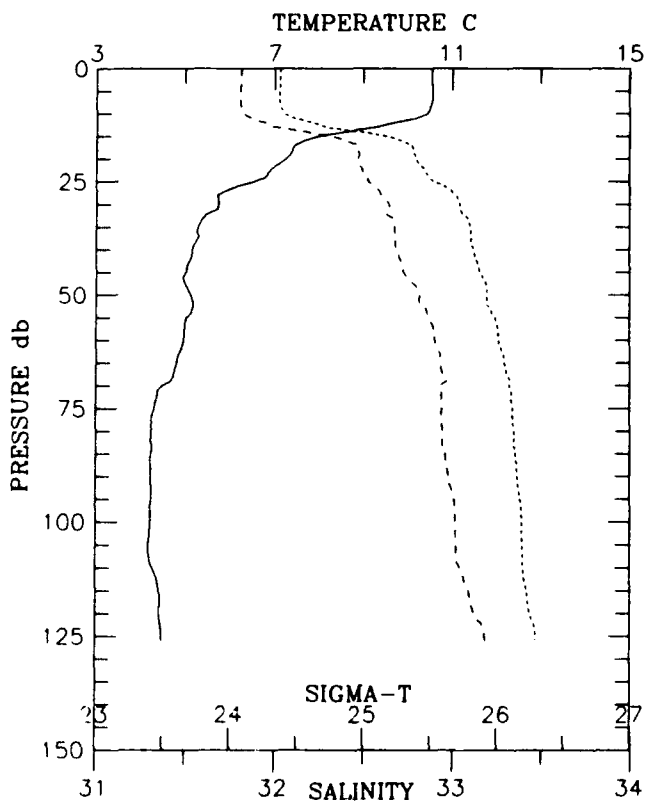
Cruise EN196 Consecutive Station # 88 Depth m:143 Time: 1989-05-27 01:06
 Position: 41° 28.71'N 69° 5.32'W Depth Deck Offset: -0.15 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.443	31.787	24.371	0.0000	6.121	8.3	83.8
10.0	10.442	31.785	24.370	0.0352	6.108	8.6	84.1
20.0	7.715	32.363	25.244	0.0663	6.851	12.2	82.4
30.0	5.466	32.626	25.741	0.0897	7.024	3.6	87.6
40.0	5.045	32.724	25.866	0.1111	6.517	3.3	88.2
50.0	5.029	32.803	25.930	0.1316	6.338	3.0	88.4
60.0	4.953	32.858	25.983	0.1517	6.284	5.7	86.0
70.0	4.742	32.951	26.080	0.1709	6.220	5.1	88.6
80.0	4.563	33.001	26.138	0.1895	6.153	3.1	88.8
90.0	4.343	33.014	26.172	0.2076	6.139	2.1	88.6
100.0	4.315	33.061	26.212	0.2253	6.112	1.8	88.3
110.0	4.371	33.134	26.264	0.2427	6.060	1.9	88.4
119.0	4.494	33.203	26.306	0.2580	5.974	2.0	87.5



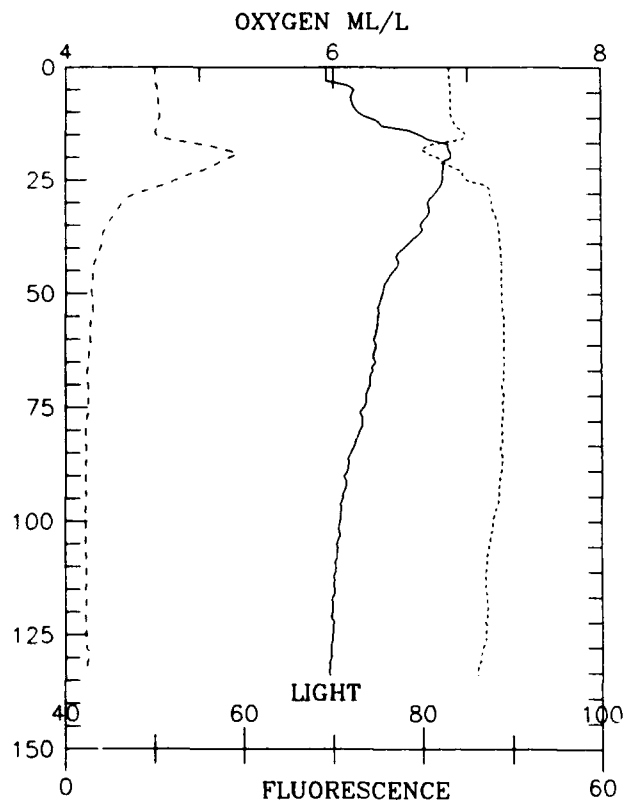
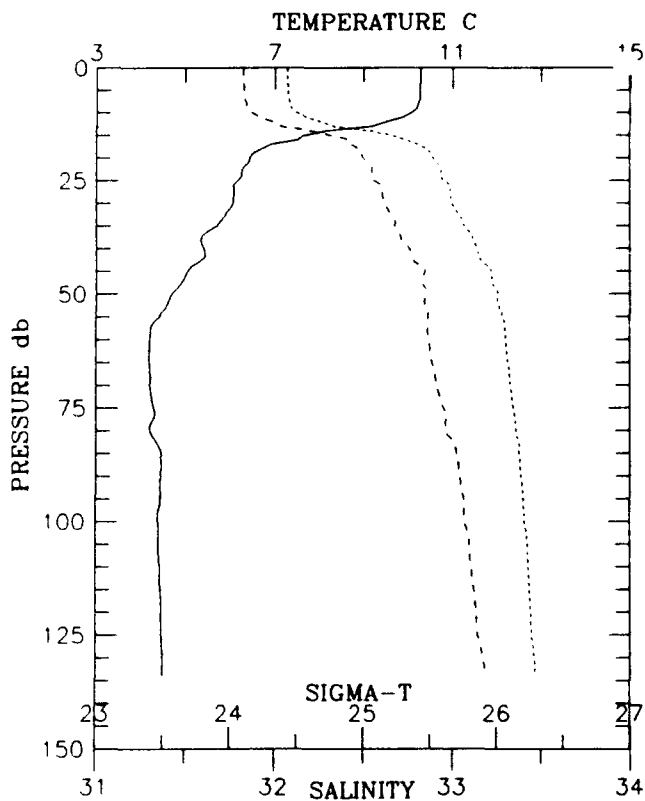
Cruise EN196 Consecutive Station # 89 Depth m:143 Time: 1989-05-27 04:30
 Position: 41° 28.69'N 69° 5.16'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.539	31.812	24.374	0.0000	6.016	9.5	83.4
10.0		10.419	31.823	24.403	0.0351	6.145	10.2	83.6
20.0		7.245	32.470	25.393	0.0640	7.034	10.7	82.3
30.0		5.740	32.643	25.722	0.0879	7.183	5.7	86.5
40.0		5.155	32.689	25.826	0.1095	6.684	3.1	88.2
50.0		5.125	32.816	25.930	0.1303	6.432	4.3	87.7
60.0		4.970	32.904	26.017	0.1502	6.281	4.2	88.0
70.0		4.491	32.930	26.090	0.1692	6.270	3.3	88.6
80.0		4.239	32.944	26.127	0.1877	6.269	2.5	88.5
90.0		4.238	32.978	26.154	0.2060	6.215	2.3	88.5
100.0		4.222	33.016	26.186	0.2240	6.190	2.1	88.4
110.0		4.286	33.043	26.201	0.2418	6.149	2.0	88.4
120.0		4.432	33.123	26.249	0.2594	5.996	1.8	88.5
126.0		4.485	33.187	26.294	0.2696	5.966	2.0	87.3



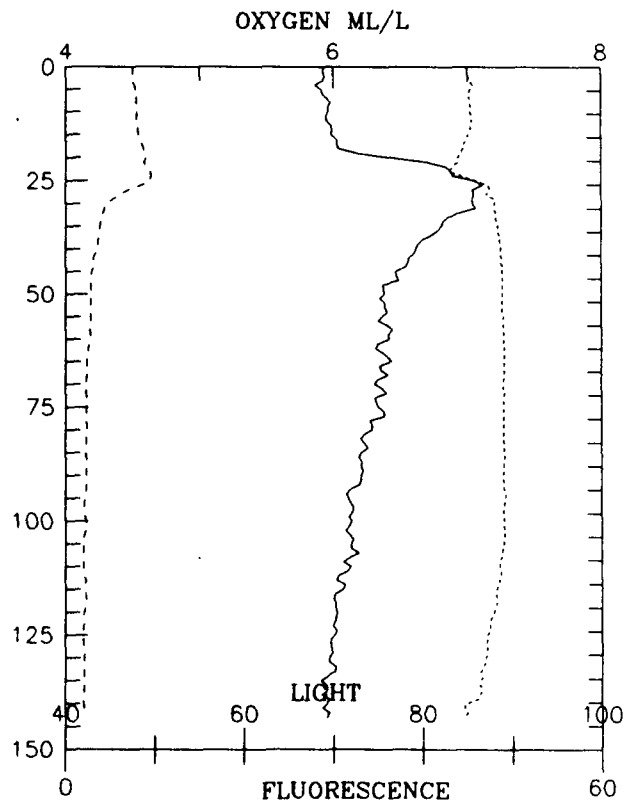
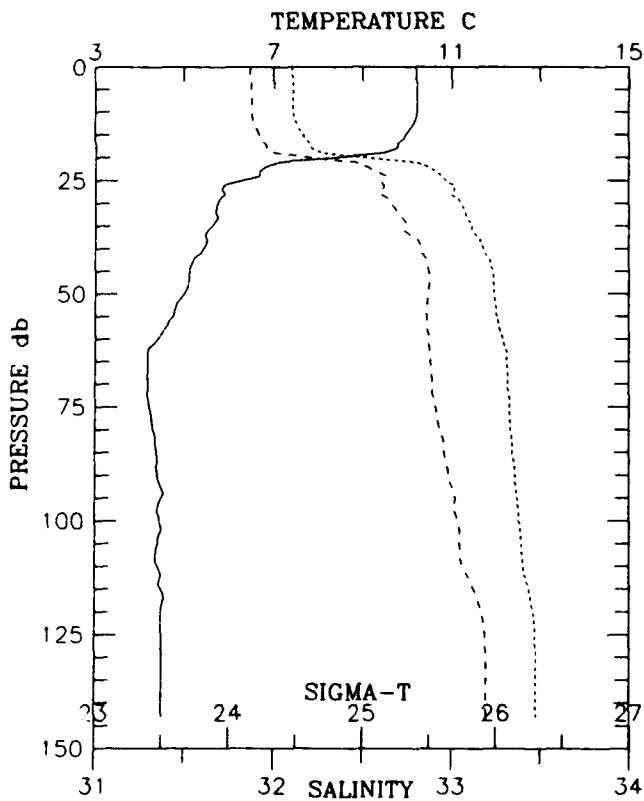
Cruise EN196 Consecutive Station # 90 Depth m:147 Time: 1989-05-27 07:07
 Position: 41° 28.55'N 69° 5.06'W Depth Deck Offset: -0.15 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.273	31.823	24.427	0.0000	5.946	10.0	83.0
10.0	10.077	31.870	24.497	0.0345	6.185	10.5	83.1
20.0	6.430	32.495	25.520	0.0627	6.878	18.4	81.8
30.0	6.066	32.613	25.659	0.0861	6.704	6.3	87.7
40.0	5.422	32.756	25.849	0.1080	6.523	3.9	88.7
50.0	4.695	32.853	26.007	0.1282	6.363	2.9	88.8
60.0	4.210	32.868	26.069	0.1475	6.302	2.7	89.1
70.0	4.211	32.909	26.102	0.1663	6.272	2.5	88.8
80.0	4.211	32.961	26.143	0.1847	6.194	2.2	88.9
90.0	4.455	33.040	26.181	0.2027	6.076	2.2	88.6
100.0	4.406	33.069	26.209	0.2205	6.051	2.2	87.8
110.0	4.434	33.109	26.238	0.2380	6.014	2.3	87.1
120.0	4.470	33.133	26.253	0.2553	5.992	2.2	87.1
130.0	4.500	33.170	26.279	0.2725	5.980	2.6	86.5
134.0	4.501	33.181	26.288	0.2793	5.971	2.3	86.0



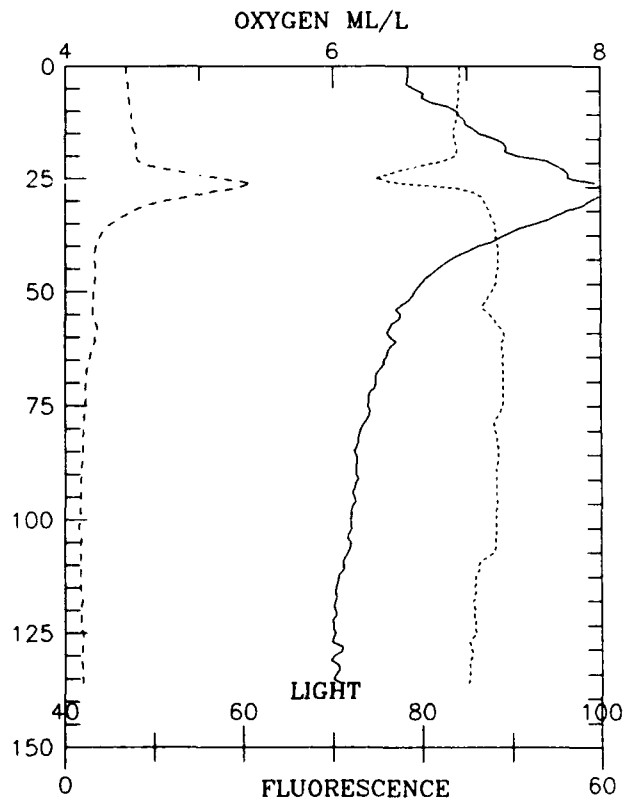
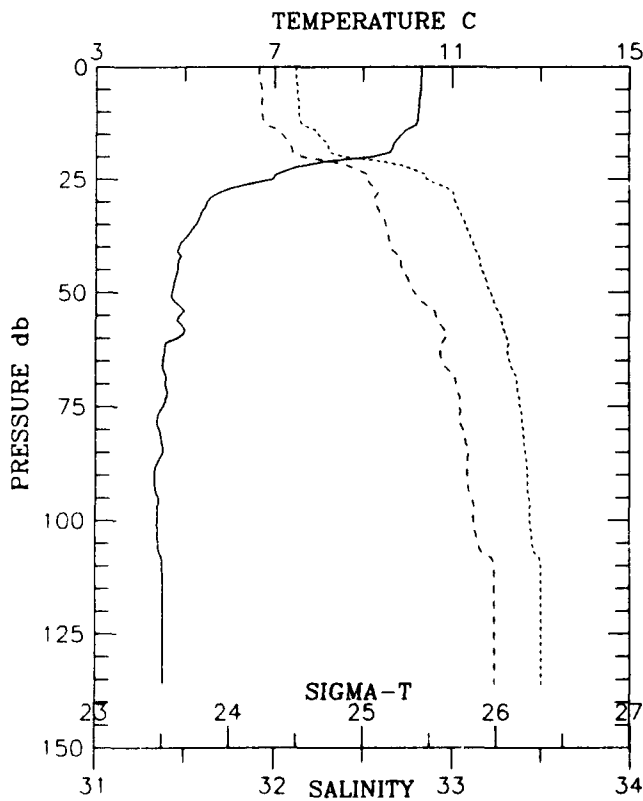
Cruise EN196 Consecutive Station # 91 Depth m:146 Time: 1989-05-27 10:03
 Position: 41° 28.45'N 69° 5.21'W Depth Deck Offset: -0.30 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.208	31.871	24.475	0.0000	5.929	7.5	85.0
10.0		10.216	31.875	24.477	0.0342	5.964	8.0	85.3
20.0		8.415	32.212	25.025	0.0674	6.415	9.0	83.9
30.0		5.754	32.665	25.738	0.0910	7.035	4.6	88.0
40.0		5.438	32.831	25.907	0.1123	6.616	3.5	88.7
50.0		5.003	32.867	25.984	0.1323	6.381	2.8	88.9
60.0		4.390	32.871	26.053	0.1517	6.411	2.7	89.0
70.0		4.191	32.893	26.092	0.1706	6.309	2.3	89.0
80.0		4.302	32.931	26.110	0.1892	6.287	2.4	89.0
90.0		4.395	32.984	26.142	0.2076	6.204	2.3	88.9
100.0		4.462	33.032	26.174	0.2258	6.134	2.3	89.0
110.0		4.415	33.065	26.205	0.2436	6.131	2.0	88.6
120.0		4.490	33.169	26.279	0.2610	6.023	2.1	87.9
130.0		4.496	33.193	26.298	0.2779	5.965	2.1	87.0
140.0		4.501	33.195	26.299	0.2947	5.950	2.1	84.7
143.0		4.501	33.195	26.299	0.2997	5.948	2.2	84.6



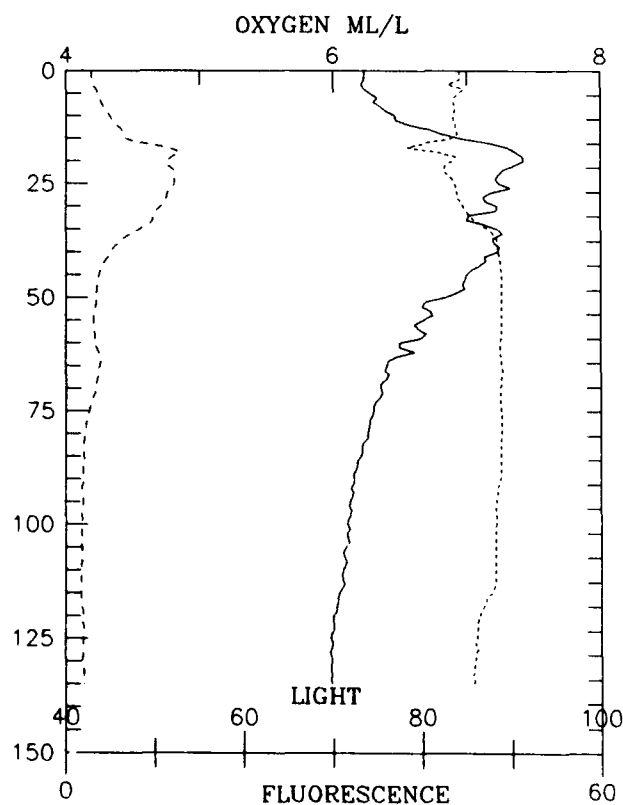
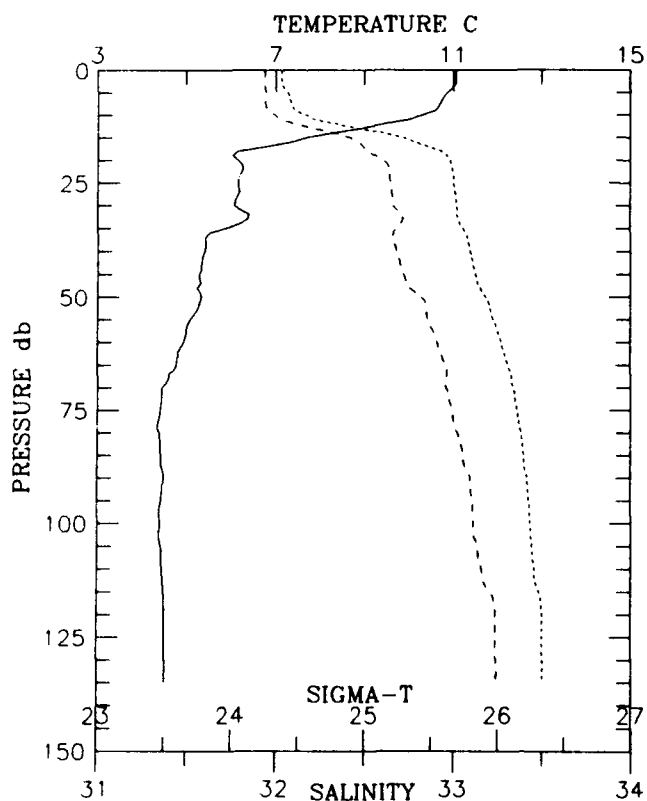
Cruise EN196 Consecutive Station # 92 Depth m:141 Time: 1989-05-27 12:59
 Position: 41° 29.20'N 69° 4.97'W Depth Deck Offset: -0.30 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.300	31.914	24.493	0.0000	6.560	6.8	84.2
10.0	10.236	31.927	24.515	0.0339	6.924	7.4	84.0
20.0	9.222	32.161	24.862	0.0664	7.378	8.0	83.7
30.0	5.492	32.570	25.694	0.0912	7.919	11.0	86.9
40.0	4.858	32.650	25.828	0.1130	7.076	3.4	88.4
50.0	4.706	32.787	25.953	0.1337	6.606	3.1	87.7
60.0	4.834	32.964	26.080	0.1531	6.429	3.3	89.2
70.0	4.557	33.021	26.155	0.1716	6.315	2.3	89.0
80.0	4.432	33.062	26.200	0.1896	6.207	2.0	88.0
90.0	4.329	33.086	26.230	0.2071	6.168	1.8	88.2
100.0	4.391	33.123	26.253	0.2245	6.131	1.7	88.2
110.0	4.508	33.237	26.332	0.2415	6.078	1.8	86.2
120.0	4.510	33.239	26.333	0.2580	6.015	1.9	85.8
130.0	4.511	33.240	26.334	0.2745	6.004	1.8	85.5
136.0	4.511	33.239	26.333	0.2844	6.054	1.9	85.1



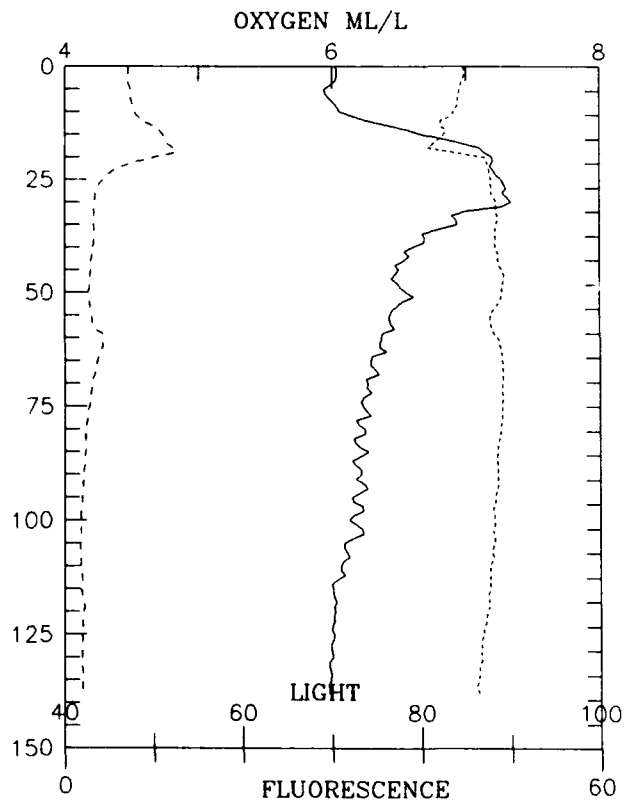
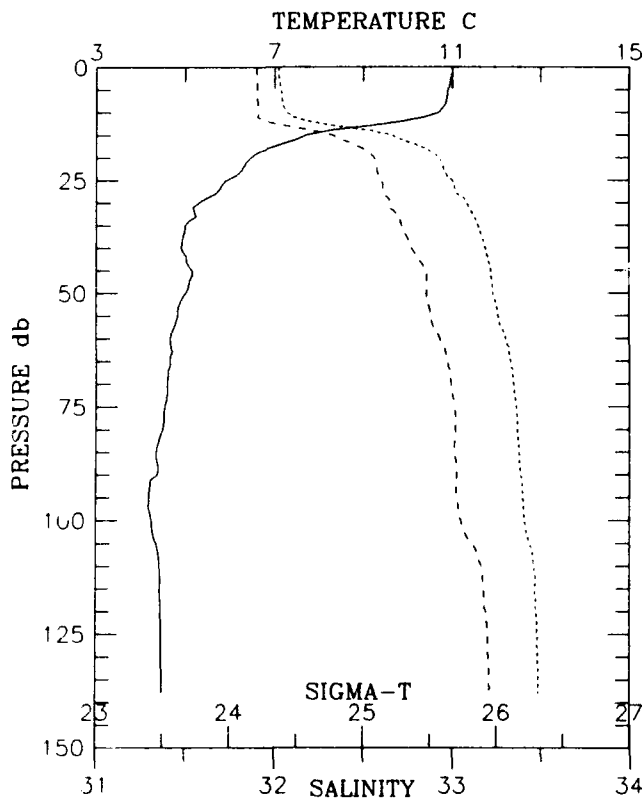
Cruise EN196 Consecutive Station # 94 Depth m:143 Time: 1989-05-27 16:00
 Position: 41° 28.85'N 69° 5.19'W Depth Deck Offset: 0.00 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 11.067	31.939	24.381	0.0000	6.233	2.9	84.2
10.0	10.297	31.994	24.557	0.0347	6.460	4.9	83.5
20.0	6.152	32.606	25.643	0.0620	7.422	11.3	83.3
30.0	6.071	32.655	25.691	0.0847	7.226	10.7	84.6
40.0	5.402	32.679	25.790	0.1068	7.224	5.0	88.5
50.0	5.333	32.816	25.906	0.1280	6.831	3.3	88.9
60.0	4.937	32.911	26.026	0.1479	6.498	3.3	88.7
70.0	4.444	32.958	26.117	0.1668	6.354	3.4	88.7
80.0	4.390	33.023	26.174	0.1851	6.256	2.1	88.9
90.0	4.494	33.096	26.221	0.2028	6.154	1.9	88.7
100.0	4.399	33.110	26.242	0.2202	6.104	1.8	88.2
110.0	4.461	33.159	26.274	0.2375	6.076	1.7	88.1
120.0	4.510	33.237	26.331	0.2542	6.003	1.9	86.4
130.0	4.512	33.240	26.333	0.2708	5.985	1.8	85.8
135.0	4.512	33.241	26.334	0.2790	5.988	2.0	85.7



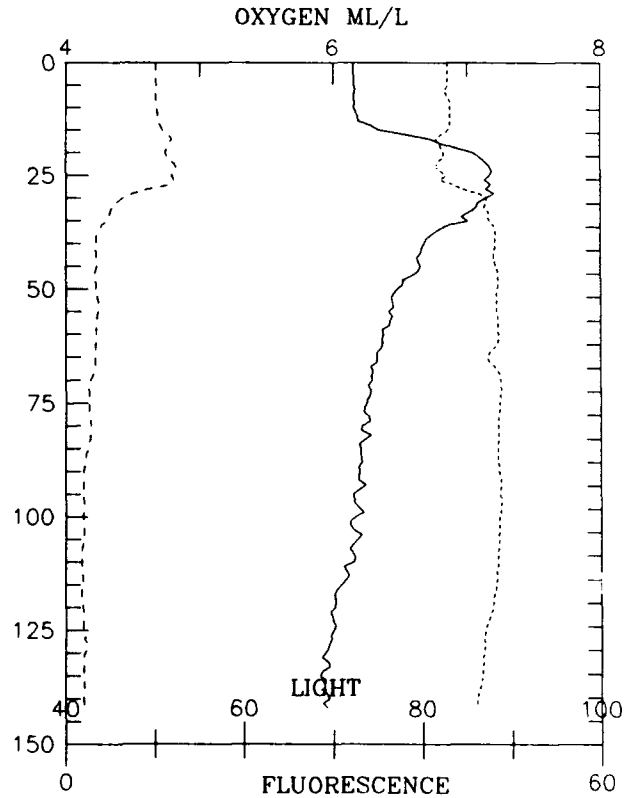
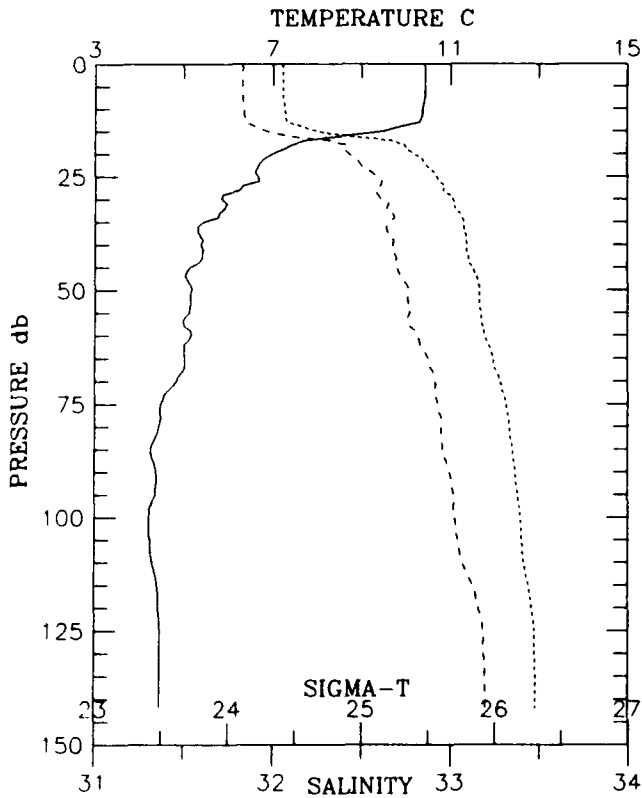
Cruise EN196 Consecutive Station # 96 Depth m:143 Time: 1989-05-27 19:18
 Position: 41° 28.70'N 69° 5.20'W Depth Deck Offset: 0.00 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.997	31.900	24.363	0.0000	6.032	7.1	84.8
10.0		10.705	31.915	24.426	0.0351	6.055	7.8	83.6
20.0		6.461	32.560	25.568	0.0635	7.196	10.1	87.1
30.0		5.307	32.650	25.778	0.0863	7.336	3.3	88.4
40.0		4.913	32.770	25.917	0.1073	6.599	3.1	88.3
50.0		5.008	32.856	25.975	0.1274	6.552	2.6	89.0
60.0		4.675	32.933	26.073	0.1468	6.369	4.3	88.6
70.0		4.609	32.993	26.127	0.1654	6.264	3.1	89.0
80.0		4.496	33.019	26.160	0.1837	6.246	2.4	88.9
90.0		4.386	33.028	26.179	0.2017	6.213	2.1	88.5
100.0		4.256	33.050	26.209	0.2194	6.130	1.8	88.1
110.0		4.432	33.166	26.283	0.2367	6.062	1.8	87.6
120.0		4.460	33.191	26.300	0.2536	6.021	2.1	87.3
130.0		4.473	33.204	26.309	0.2704	6.006	1.9	86.7
138.0		4.478	33.210	26.313	0.2838	5.976	2.0	86.4



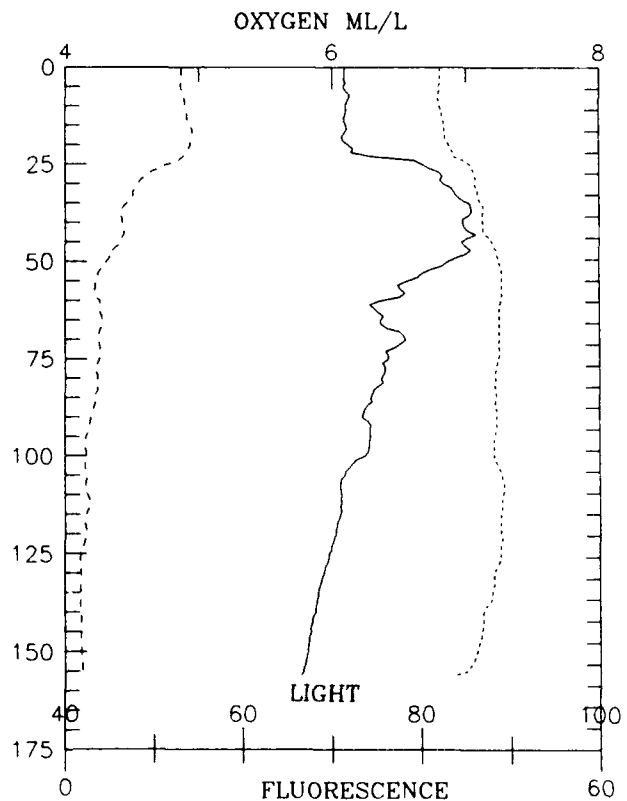
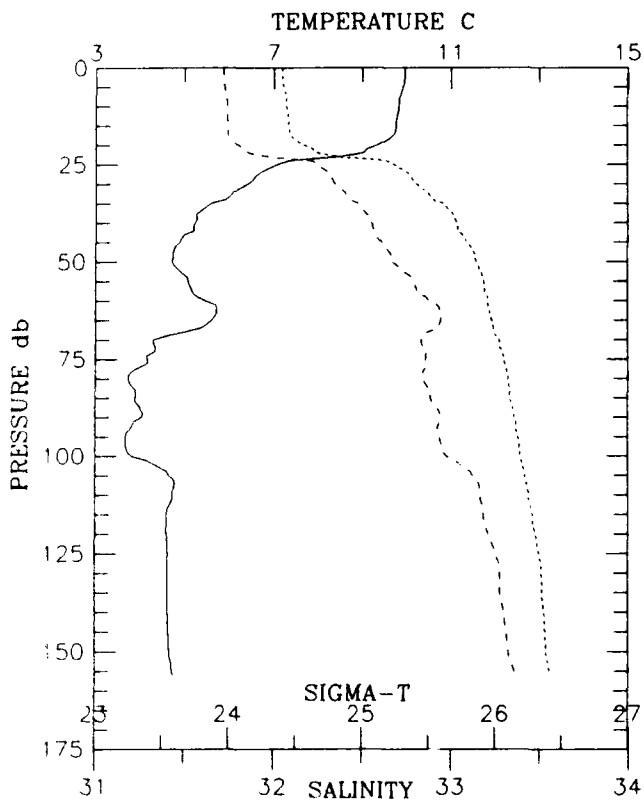
Cruise EN196 Consecutive Station # 97 Depth m:144 Time: 1989-05-27 22:03
 Position: 41° 28.67'N 69° 5.09'W Depth Deck Offset: 0.00 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.425	31.829	24.407	0.0000	6.152	10.1	82.8
10.0		10.369	31.837	24.422	0.0348	6.159	10.2	83.1
20.0		6.984	32.428	25.396	0.0657	7.050	11.2	82.4
30.0		5.846	32.608	25.682	0.0895	7.138	6.4	87.2
40.0		5.376	32.676	25.791	0.1115	6.682	3.4	88.1
50.0		5.176	32.763	25.883	0.1327	6.479	3.3	88.3
60.0		5.169	32.816	25.925	0.1534	6.372	3.4	88.5
70.0		4.854	32.913	26.038	0.1731	6.294	2.8	88.8
80.0		4.441	32.948	26.109	0.1920	6.216	2.8	88.5
90.0		4.385	32.995	26.153	0.2104	6.199	2.0	88.6
100.0		4.229	33.024	26.191	0.2284	6.166	1.9	88.6
110.0		4.302	33.066	26.217	0.2461	6.158	1.8	88.4
120.0		4.448	33.160	26.276	0.2634	6.008	1.9	87.8
130.0		4.467	33.187	26.296	0.2803	5.937	2.1	86.9
140.0		4.474	33.198	26.304	0.2971	5.972	2.0	86.1
142.0		4.474	33.198	26.304	0.3005	5.958	2.0	85.9



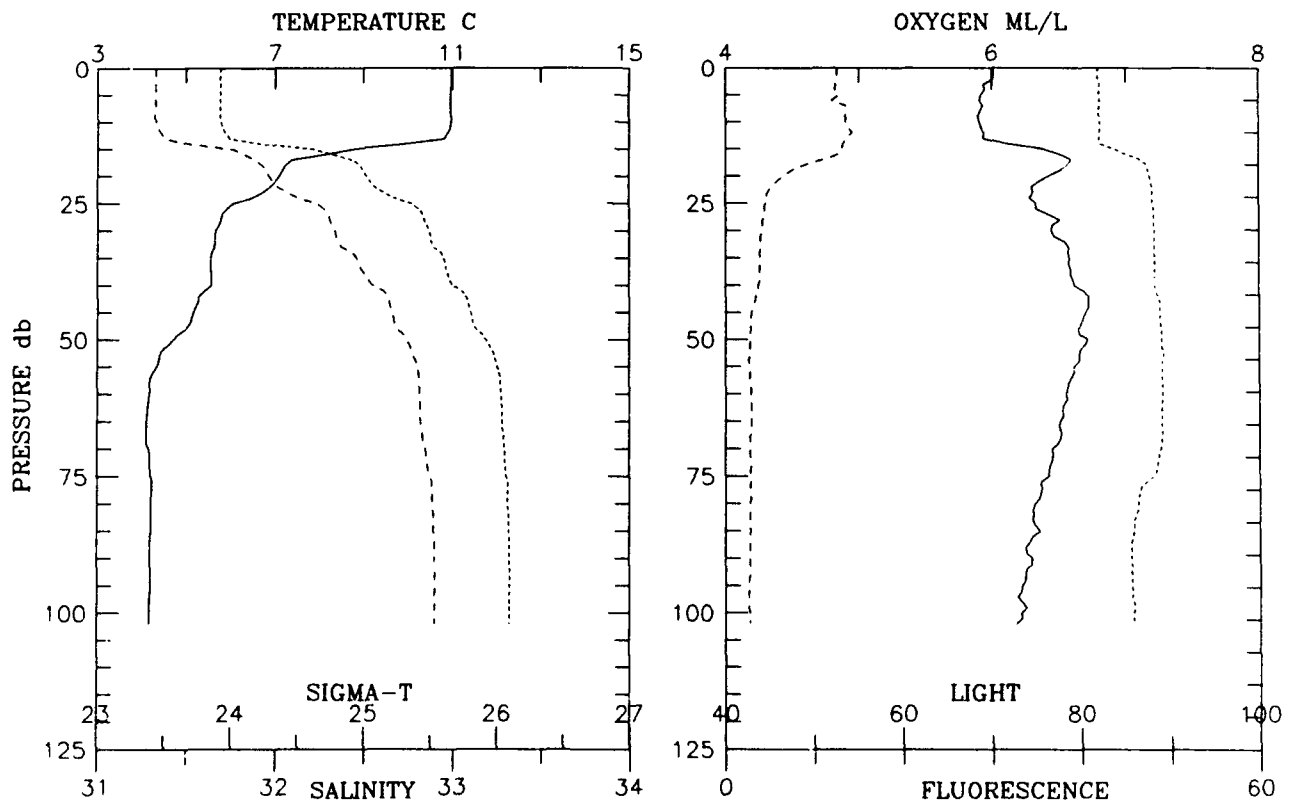
Cruise EN196 Consecutive Station # 98 Depth m:164 Time: 1989-05-28 01:25
 Position: 41° 43.63'N 69° 23.03'W Depth Deck Offset: -0.35 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.950	31.719	24.399	0.0000	6.092	13.1	82.1
10.0		9.835	31.738	24.433	0.0348	6.103	13.5	82.1
20.0		9.341	31.804	24.564	0.0691	6.122	14.1	83.1
30.0		6.419	32.347	25.405	0.0974	6.833	8.2	86.0
40.0		5.232	32.552	25.709	0.1210	6.978	6.4	86.9
50.0		4.719	32.670	25.859	0.1426	6.860	4.6	88.7
60.0		5.467	32.883	25.944	0.1631	6.362	3.9	88.9
70.0		4.293	32.831	26.032	0.1830	6.549	3.7	88.7
80.0		3.746	32.845	26.097	0.2020	6.364	3.6	88.3
90.0		4.052	32.941	26.143	0.2204	6.224	2.9	88.4
100.0		3.814	32.972	26.191	0.2384	6.245	2.3	88.1
110.0		4.739	33.168	26.252	0.2560	6.067	2.5	89.1
120.0		4.602	33.212	26.302	0.2730	6.028	2.3	88.9
130.0		4.632	33.277	26.350	0.2895	5.936	1.8	88.2
140.0		4.637	33.300	26.368	0.3059	5.874	1.7	86.9
150.0		4.675	33.325	26.383	0.3220	5.815	1.8	86.2
156.0		4.753	33.368	26.409	0.3316	5.763	1.9	83.7



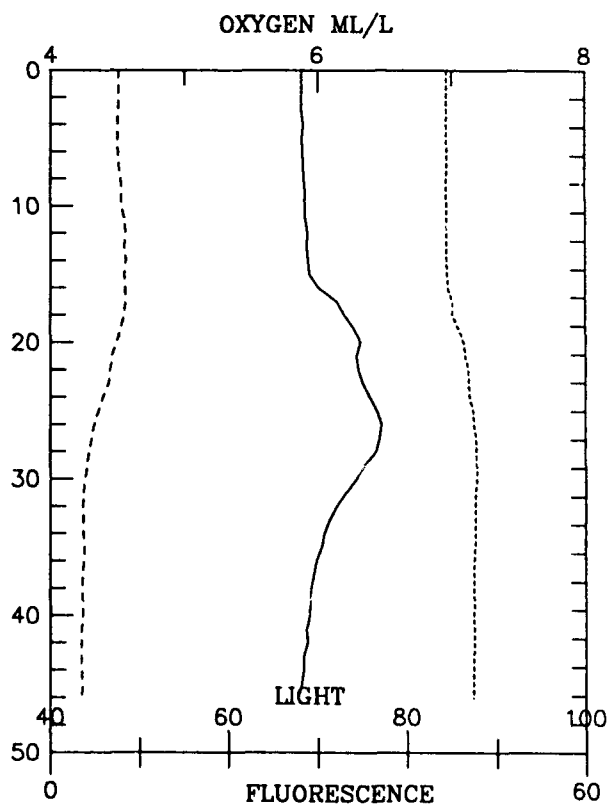
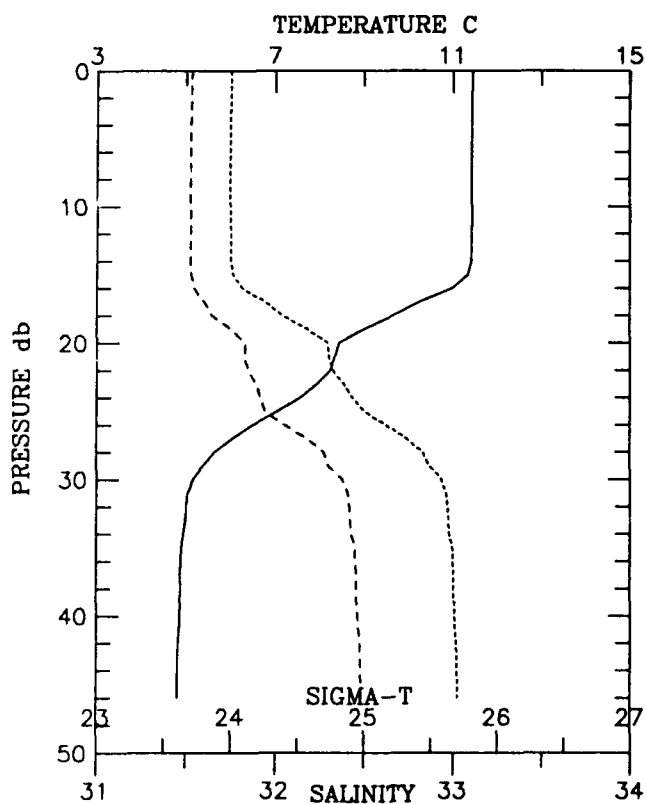
Cruise EN196 Consecutive Station # 99 Depth m:109 Time: 1989-05-28 03:46
 Position: 41° 39.63'N 69° 30.96'W Depth Deck Offset: -0.35 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%light)	CHANNELB (%light)
0.0	E 10.977	31.327	23.921	0.0000	6.011	12.6	81.9
5.0	10.969	31.326	23.922	0.0197	5.917	12.8	82.0
10.0	10.970	31.326	23.921	0.0395	5.903	13.5	82.1
15.0	8.813	31.760	24.611	0.0585	6.380	13.1	83.7
20.0	7.083	31.966	25.018	0.0735	6.425	6.5	87.7
25.0	6.055	32.236	25.363	0.0874	6.331	4.5	88.0
30.0	5.643	32.337	25.492	0.0999	6.440	4.0	88.2
35.0	5.543	32.459	25.600	0.1119	6.579	3.8	88.3
40.0	5.569	32.547	25.666	0.1235	6.616	3.7	88.3
45.0	5.156	32.660	25.803	0.1345	6.700	2.9	88.8
50.0	4.704	32.740	25.916	0.1450	6.712	2.7	89.0
55.0	4.335	32.802	26.004	0.1549	6.611	2.7	89.1
60.0	4.171	32.813	26.029	0.1646	6.551	2.8	89.1
65.0	4.113	32.819	26.040	0.1743	6.507	2.9	89.0
70.0	4.162	32.849	26.059	0.1838	6.445	2.7	88.9
75.0	4.208	32.873	26.073	0.1933	6.421	2.8	88.0
80.0	4.215	32.885	26.082	0.2027	6.314	2.7	86.3
85.0	4.207	32.894	26.090	0.2121	6.357	2.8	85.8
90.0	4.194	32.899	26.096	0.2215	6.298	2.7	85.6
95.0	4.194	32.898	26.095	0.2309	6.221	2.6	85.6
100.0	4.185	32.898	26.096	0.2402	6.216	2.7	85.8
102.0	4.182	32.899	26.097	0.2440	6.178	2.7	85.9



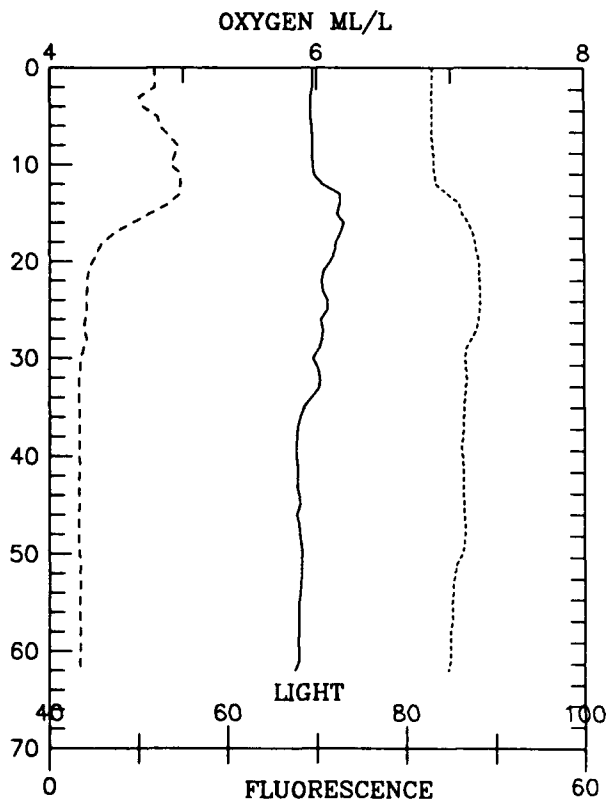
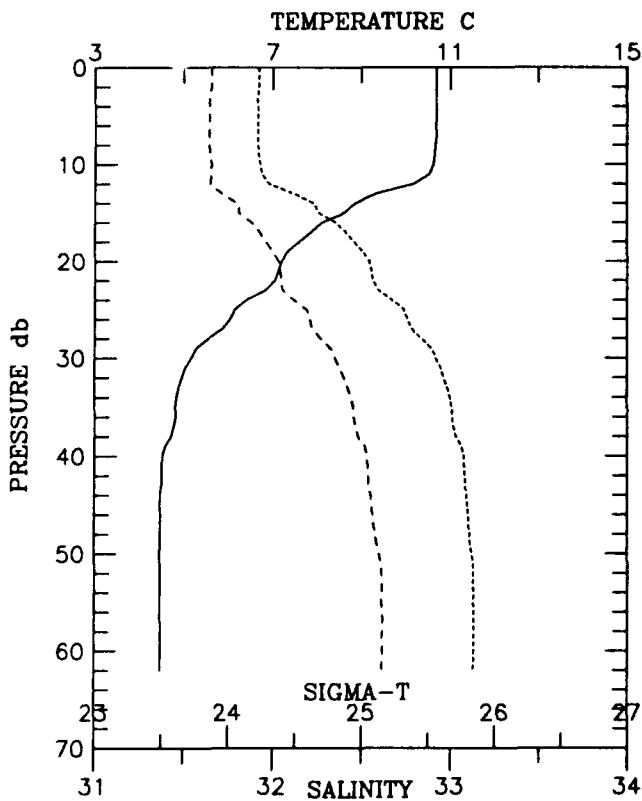
Cruise EN196 Consecutive Station # 100 Depth m:53 Time: 1989-05-28 06:01
 Position: 41° 35.38'N 69° 37.80'W Depth Deck Offset: -0.35 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	11.433	31.530	23.999	0.0000	5.879	7.6	84.4
5.0		11.430	31.525	23.996	0.0194	5.887	7.5	84.4
10.0		11.426	31.525	23.996	0.0388	5.905	8.0	84.4
15.0		11.338	31.528	24.014	0.0581	5.939	8.3	84.5
20.0		8.432	31.830	24.723	0.0759	6.319	7.4	86.3
25.0		7.054	31.943	25.004	0.0913	6.443	5.4	87.4
30.0		5.155	32.380	25.582	0.1042	6.285	3.8	87.8
35.0		4.911	32.452	25.665	0.1158	6.029	3.8	87.6
40.0		4.873	32.464	25.679	0.1271	5.936	3.6	87.4
45.0		4.822	32.485	25.702	0.1384	5.881	3.6	87.4
46.0		4.816	32.487	25.704	0.1406	5.855	3.5	87.4



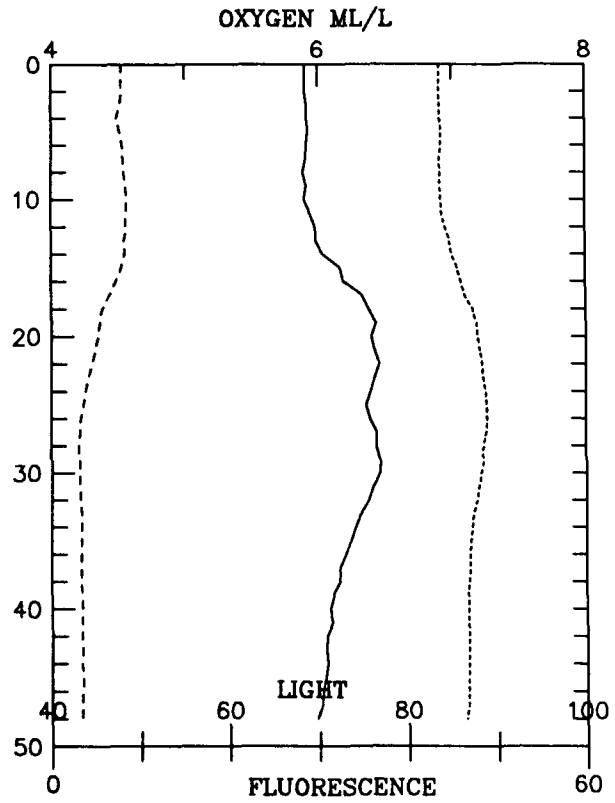
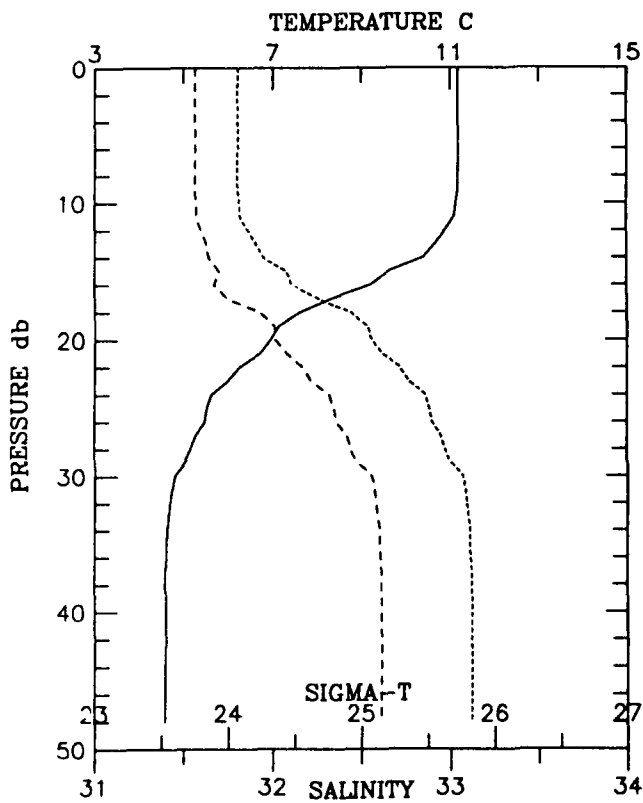
Cruise EN196 Consecutive Station # 101 Depth m:62 Time: 1989-05-28 10:55
 Position: 41° 42.48'N 69° 45.81'W Depth Deck Offset: -0.35 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.681	31.656	24.228	0.0000	5.972	11.8	83.0
5.0	10.679	31.642	24.218	0.0183	5.950	12.1	82.9
10.0	10.618	31.655	24.238	0.0366	5.972	13.7	83.1
15.0	8.601	31.809	24.681	0.0539	6.157	11.4	86.3
20.0	7.190	32.031	25.055	0.0689	6.096	4.8	88.1
25.0	6.151	32.190	25.315	0.0828	6.079	4.1	88.2
30.0	5.164	32.352	25.558	0.0954	5.974	3.5	86.6
35.0	4.821	32.455	25.678	0.1069	5.902	3.3	86.5
40.0	4.531	32.531	25.768	0.1181	5.847	3.3	86.3
45.0	4.476	32.555	25.794	0.1289	5.875	3.4	86.5
50.0	4.475	32.603	25.832	0.1396	5.892	3.4	86.3
55.0	4.471	32.613	25.840	0.1502	5.866	3.4	85.1
60.0	4.485	32.618	25.843	0.1607	5.863	3.5	84.9
62.0	4.491	32.616	25.841	0.1650	5.837	3.5	84.7



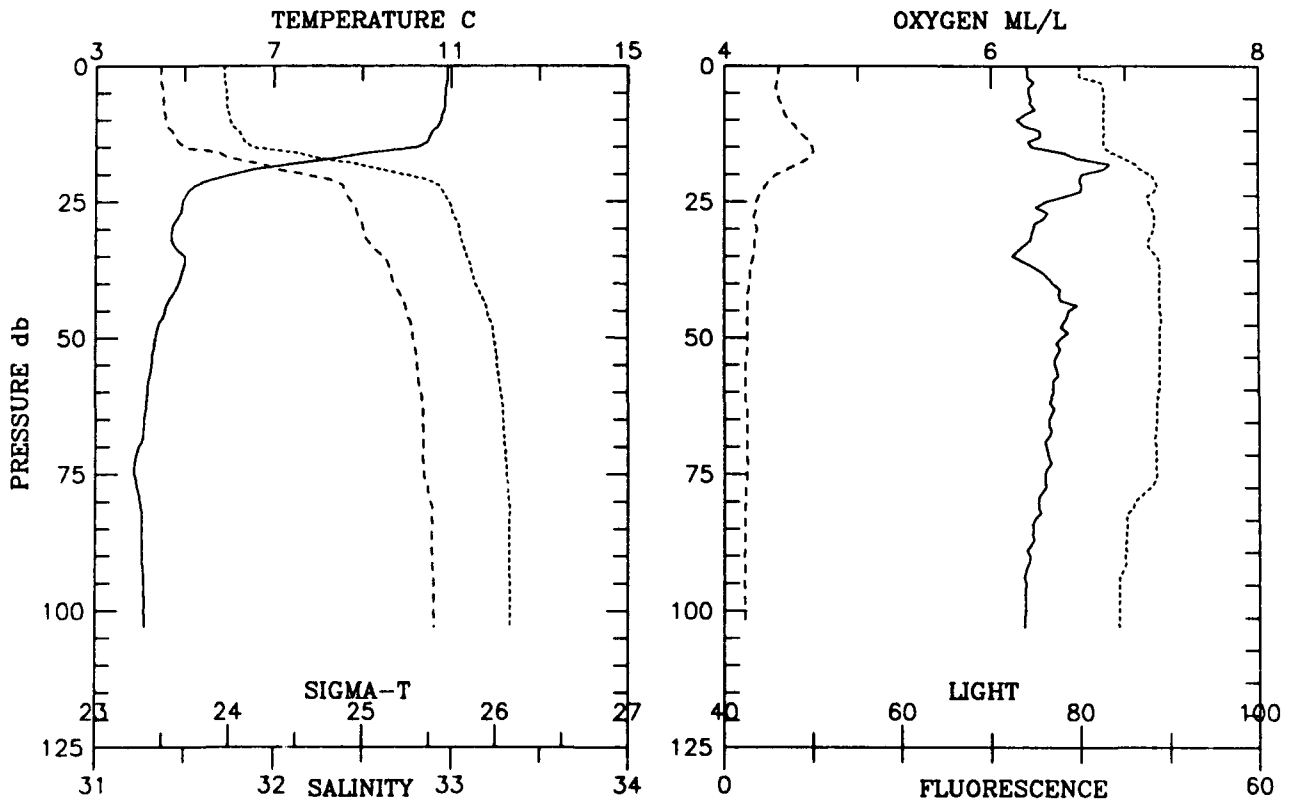
Cruise EN196 Consecutive Station # 102 Depth m:52 Time: 1989-05-28 12:15
 Position: 41° 35.18'N 69° 37.82'W Depth Deck Offset: -0.25 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)	
0.0	E	11.188	31.566	24.070	0.0000	5.904	7.9	83.6
5.0		11.183	31.565	24.070	0.0190	5.922	7.7	83.8
10.0		11.132	31.571	24.084	0.0380	5.900	8.5	83.8
15.0		9.618	31.700	24.438	0.0565	6.166	7.9	85.6
20.0		6.949	32.014	25.074	0.0721	6.396	5.2	87.8
25.0		5.521	32.344	25.511	0.0852	6.355	3.6	88.8
30.0		4.799	32.556	25.760	0.0968	6.452	3.1	88.1
35.0		4.622	32.601	25.814	0.1076	6.237	3.3	87.0
40.0		4.598	32.612	25.826	0.1182	6.083	3.4	86.7
45.0		4.595	32.613	25.827	0.1289	6.044	3.5	86.7
48.0		4.584	32.614	25.829	0.1352	5.989	3.4	86.5



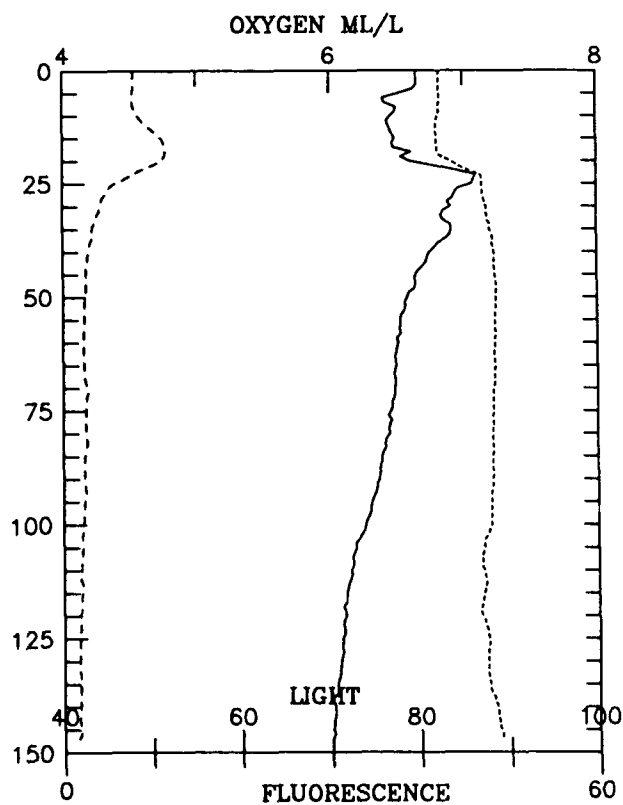
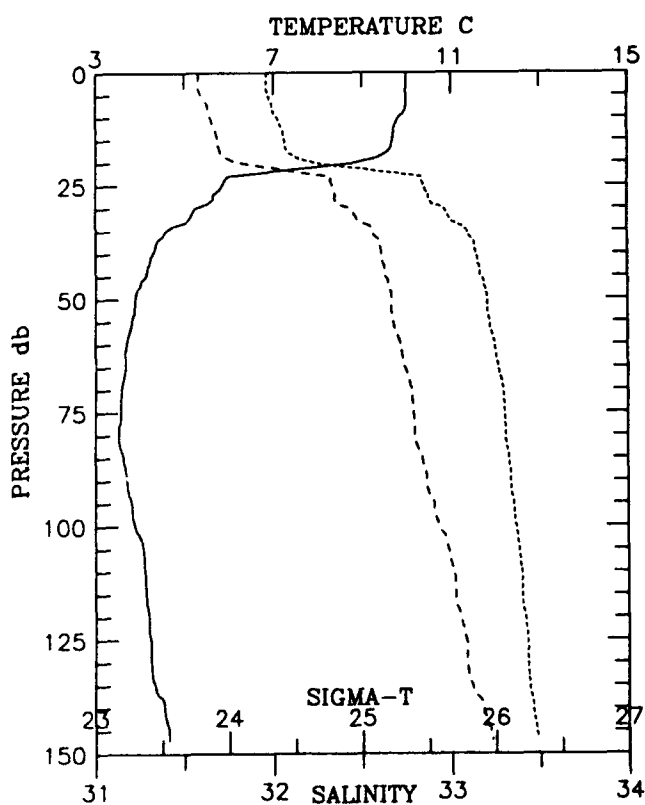
Cruise EN196 Consecutive Station # 103 Depth m:78 Time: 1989-05-28 14:51
 Position: 41° 39.57'N 69° 3.06'W Depth Deck Offset: -0.25 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.918	31.364	23.960	0.0000	6.269	6.1	79.9
5.0		10.870	31.376	23.978	0.0195	6.283	6.1	82.7
10.0		10.765	31.391	24.007	0.0389	6.197	7.2	82.6
15.0		10.271	31.497	24.173	0.0579	6.309	9.9	82.7
20.0		6.062	32.180	25.318	0.0735	6.675	5.8	87.9
25.0		4.961	32.440	25.651	0.0854	6.410	3.6	87.6
30.0		4.714	32.504	25.728	0.0966	6.319	3.7	88.2
35.0		5.016	32.618	25.786	0.1076	6.160	3.2	88.6
40.0		4.865	32.677	25.849	0.1182	6.461	2.8	88.9
45.0		4.563	32.748	25.938	0.1285	6.579	2.6	88.9
50.0		4.362	32.785	25.988	0.1384	6.527	2.6	88.9
55.0		4.264	32.808	26.016	0.1482	6.476	2.4	88.9
60.0		4.174	32.832	26.045	0.1579	6.467	2.3	88.7
65.0		4.101	32.841	26.059	0.1674	6.426	2.5	88.5
70.0		3.977	32.844	26.074	0.1769	6.410	2.5	88.4
75.0		3.884	32.850	26.087	0.1863	6.398	2.5	88.5
80.0		4.014	32.884	26.102	0.1957	6.350	2.4	86.0
85.0		4.058	32.894	26.105	0.2050	6.313	2.3	85.1
90.0		4.071	32.896	26.106	0.2143	6.288	2.2	84.9
95.0		4.099	32.903	26.109	0.2236	6.258	2.2	84.3
100.0		4.101	32.905	26.110	0.2329	6.253	2.3	84.3
103.0		4.104	32.905	26.110	0.2384	6.244	2.3	84.3



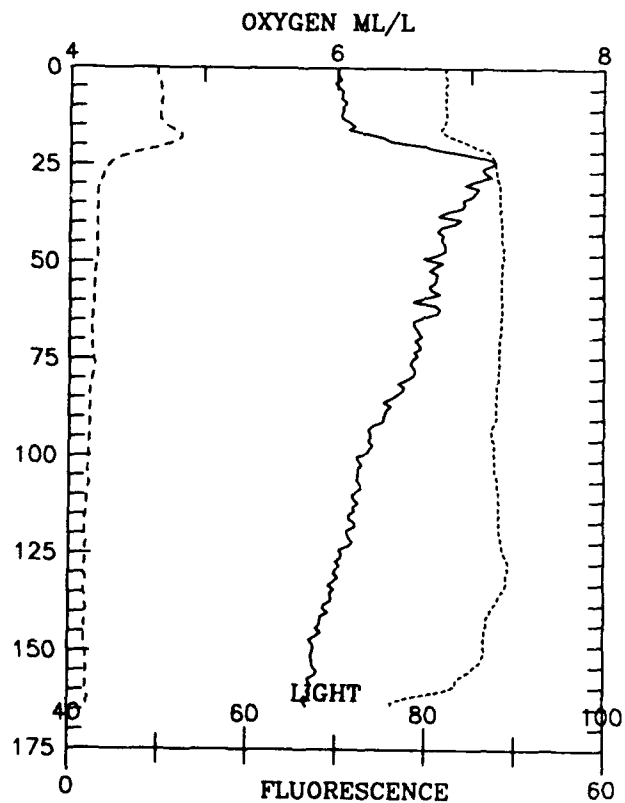
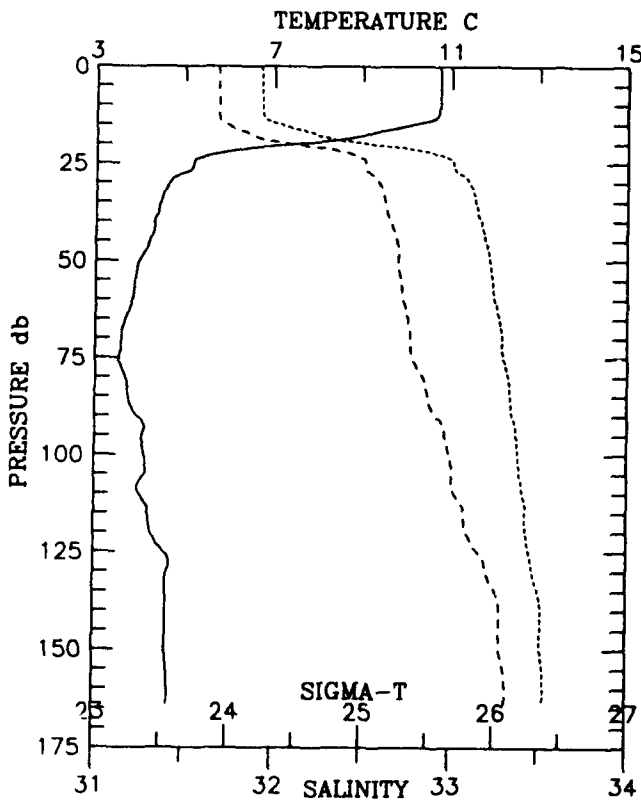
Cruise EN196 Consecutive Station # 104 Depth m:178 Time: 1989-05-28 18:01
 Position: 41° 43.81'N 69° 23.13'W Depth Deck Offset: -0.25 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.005	31.580	24.282	0.0000	6.653	8.0	82.3
10.0		9.822	31.649	24.366	0.0358	6.459	8.5	82.2
20.0		8.874	31.819	24.648	0.0704	6.597	11.1	83.7
30.0		5.242	32.434	25.615	0.0961	6.909	4.2	87.6
40.0		4.286	32.607	25.854	0.1180	6.746	2.8	88.4
50.0		3.896	32.663	25.938	0.1386	6.578	2.5	88.6
60.0		3.701	32.714	25.997	0.1585	6.511	2.3	88.5
70.0		3.589	32.777	26.057	0.1779	6.481	2.7	88.3
80.0		3.525	32.795	26.078	0.1968	6.442	2.5	88.2
90.0		3.707	32.859	26.112	0.2155	6.360	2.3	88.1
100.0		3.886	32.936	26.156	0.2338	6.260	2.2	88.0
110.0		4.110	33.015	26.197	0.2518	6.147	1.9	87.1
120.0		4.189	33.051	26.217	0.2695	6.106	1.8	86.9
130.0		4.248	33.088	26.241	0.2869	6.067	1.7	87.5
140.0		4.548	33.179	26.281	0.3041	6.024	1.8	88.5
147.0		4.641	33.229	26.311	0.3160	6.005	1.6	89.0



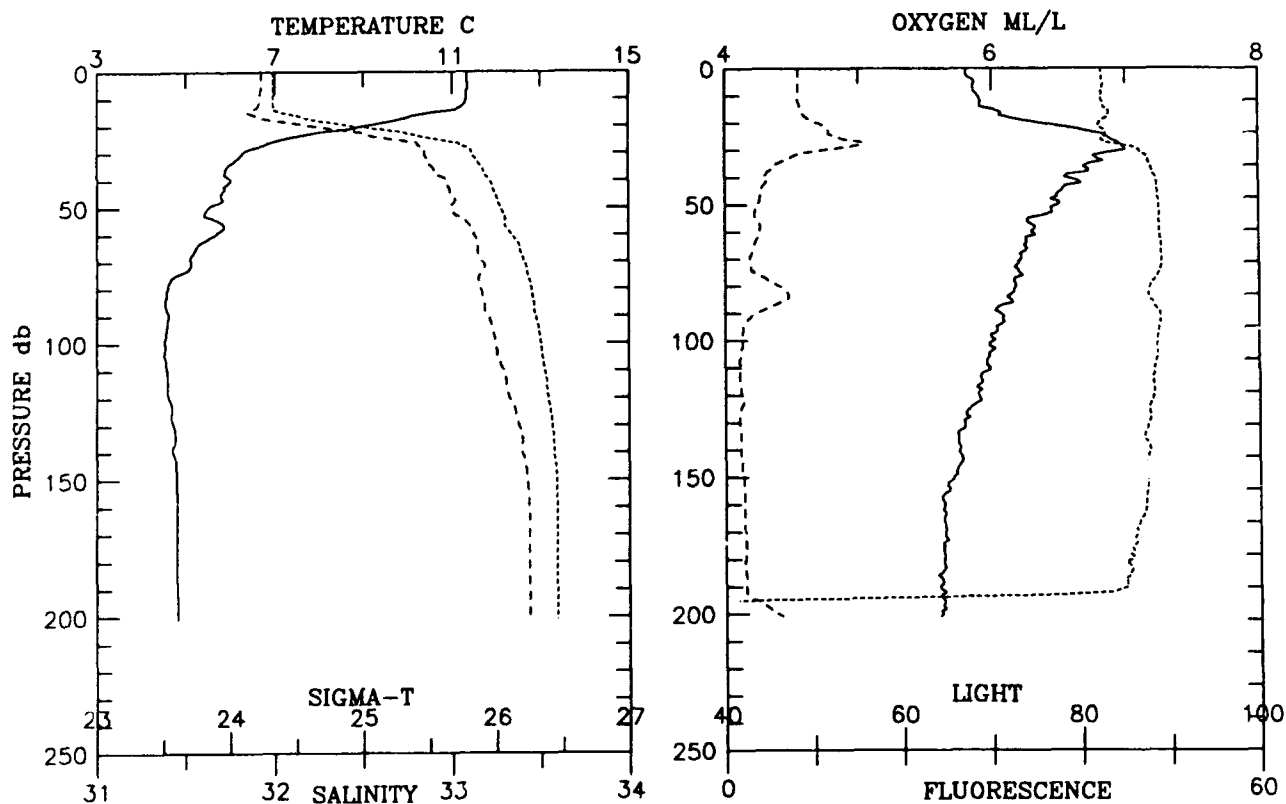
Cruise EN196 Consecutive Station # 105 Depth m:168 Time: 1989-05-28 22:01
 Position: 41° 43.95'N 69° 23.03'W Depth Deck Offset: -0.50 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.742	31.684	24.239	0.0000	6.005	9.7	82.1
10.0	10.739	31.687	24.242	0.0364	6.046	10.3	82.2
20.0	7.516	32.090	25.058	0.0707	6.635	10.7	85.3
30.0	4.658	32.589	25.802	0.0940	6.958	3.3	88.3
40.0	4.313	32.665	25.897	0.1149	6.886	3.0	88.5
50.0	3.983	32.704	25.962	0.1352	6.792	3.0	88.6
60.0	3.837	32.731	25.998	0.1549	6.568	2.7	88.5
70.0	3.596	32.774	26.055	0.1742	6.588	2.6	88.3
80.0	3.678	32.844	26.103	0.1931	6.529	2.5	88.1
90.0	3.945	32.918	26.135	0.2116	6.350	2.3	87.9
100.0	4.118	32.997	26.181	0.2296	6.158	2.2	87.7
110.0	4.006	33.024	26.214	0.2474	6.117	1.9	88.1
120.0	4.287	33.097	26.244	0.2648	6.085	1.8	88.3
130.0	4.652	33.212	26.297	0.2820	5.985	1.7	89.1
140.0	4.629	33.287	26.358	0.2985	5.944	1.8	87.2
150.0	4.631	33.288	26.359	0.3148	5.828	1.9	86.6
160.0	4.685	33.321	26.380	0.3310	5.789	2.0	82.0
164.0	4.687	33.322	26.380	0.3374	5.787	2.3	76.3



Cruise EN196 Consecutive Station # 106 Depth m:205 Time: 1989-05-29 00:27
 Position: 41° 45.87'N 69° 15.73'W Depth Deck Offset: -0.40 Fish 1

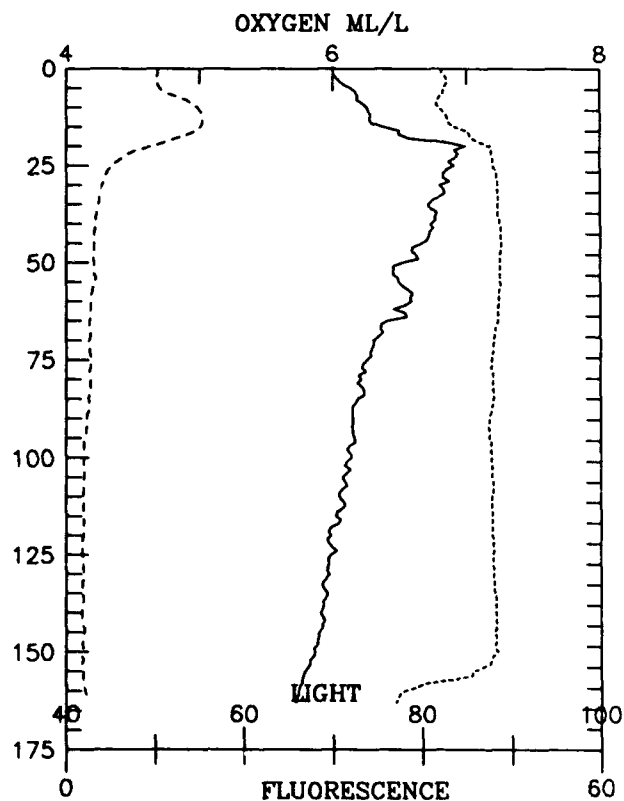
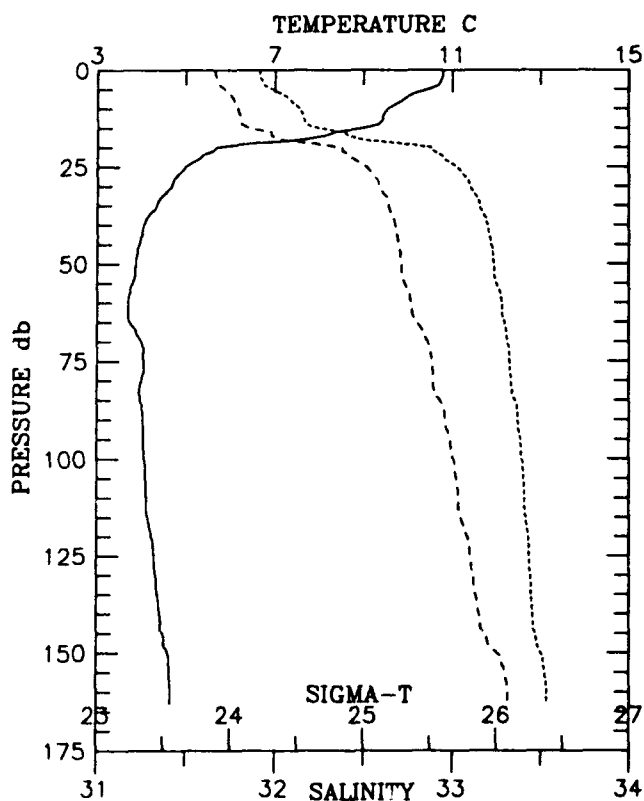
PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	11.344	31.926	24.322	0.0000	5.812	8.3	82.3
10.0		11.330	31.919	24.320	0.0357	5.901	8.2	82.2
20.0		9.024	32.227	24.944	0.0697	6.357	10.5	82.1
30.0		6.279	32.846	25.816	0.0940	7.005	11.1	86.6
40.0		6.015	32.974	25.951	0.1147	6.551	4.4	88.4
50.0		5.498	32.999	26.032	0.1344	6.500	3.6	88.7
60.0		5.667	33.123	26.110	0.1533	6.297	3.9	88.8
70.0		5.110	33.171	26.213	0.1713	6.222	2.8	89.1
80.0		4.583	33.162	26.264	0.1887	6.179	6.1	87.7
90.0		4.616	33.207	26.296	0.2056	6.058	3.3	88.9
100.0		4.522	33.246	26.337	0.2222	6.025	1.9	88.6
110.0		4.572	33.288	26.365	0.2385	5.987	1.6	88.2
120.0		4.617	33.322	26.387	0.2546	5.894	1.8	88.1
130.0		4.730	33.377	26.419	0.2704	5.791	1.6	87.5
140.0		4.719	33.396	26.435	0.2861	5.753	1.7	87.7
150.0		4.795	33.423	26.448	0.3015	5.707	1.9	87.3
160.0		4.807	33.432	26.453	0.3170	5.641	2.1	87.1
170.0		4.811	33.435	26.456	0.3324	5.640	2.2	86.2
180.0		4.812	33.435	26.455	0.3478	5.636	2.2	85.6
190.0		4.812	33.435	26.455	0.3632	5.599	2.2	85.1
200.0		4.816	33.433	26.453	0.3787	5.623	5.7	23.6
201.0		4.816	33.433	26.453	0.3802	5.604	6.3	22.6



Cruise EN196 Consecutive Station # 107 Depth m:168 Time: 1989-05-29 01:21
 Position: 41° 43.83'N 69° 22.85'W Depth Deck Offset: -0.40 Fish 1

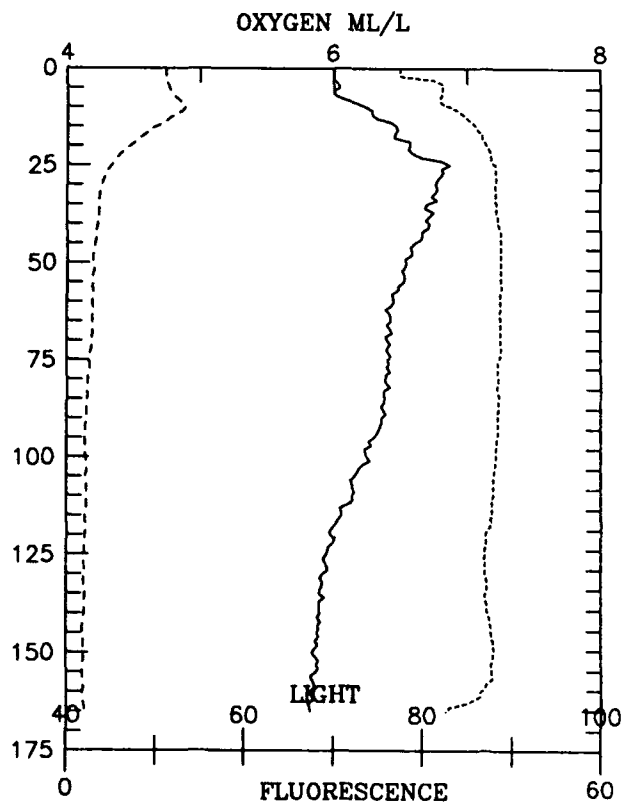
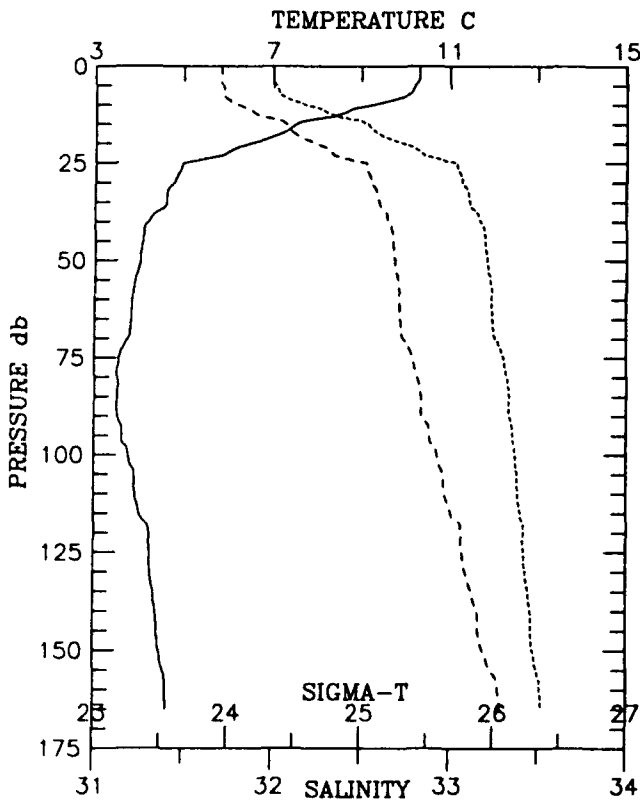
PRESSURE Interp TEMP SALINITY SIGMA-T DELTA-D OXYGEN CHANNELA CHANNELB
 (d-bars) (deg C) (0/00)

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.779	31.663	24.217	0.0000	6.001	10.3	82.2
10.0		9.550	31.792	24.521	0.0355	6.261	14.8	81.9
20.0		5.699	32.379	25.518	0.0666	6.989	9.5	87.6
30.0		4.669	32.586	25.798	0.0892	6.799	4.0	88.4
40.0		4.051	32.679	25.935	0.1100	6.735	3.3	88.7
50.0		3.866	32.713	25.981	0.1299	6.522	3.1	88.7
60.0		3.701	32.767	26.039	0.1495	6.582	2.7	88.6
70.0		4.006	32.864	26.086	0.1685	6.302	2.6	88.0
80.0		4.010	32.893	26.109	0.1871	6.210	2.7	87.9
90.0		4.032	32.959	26.159	0.2054	6.148	2.3	87.5
100.0		4.078	33.006	26.192	0.2234	6.132	1.9	87.7
110.0		4.117	33.035	26.211	0.2410	6.046	1.8	87.8
120.0		4.230	33.084	26.239	0.2586	5.979	1.9	87.8
130.0		4.330	33.119	26.257	0.2759	5.970	1.9	87.9
140.0		4.427	33.154	26.274	0.2930	5.903	1.8	88.2
150.0		4.609	33.254	26.334	0.3099	5.860	1.8	88.4
160.0		4.667	33.315	26.377	0.3262	5.741	2.1	77.9
163.0		4.667	33.315	26.376	0.3310	5.719	2.3	77.0



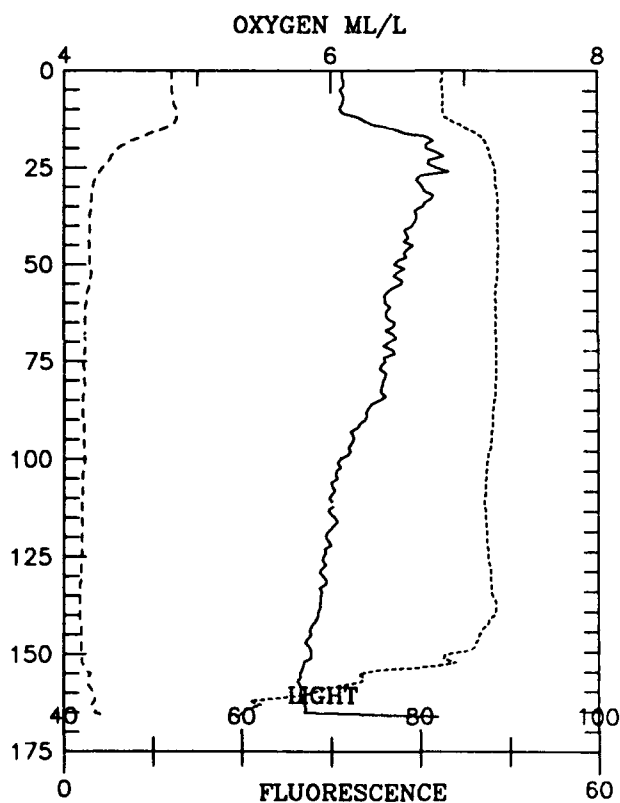
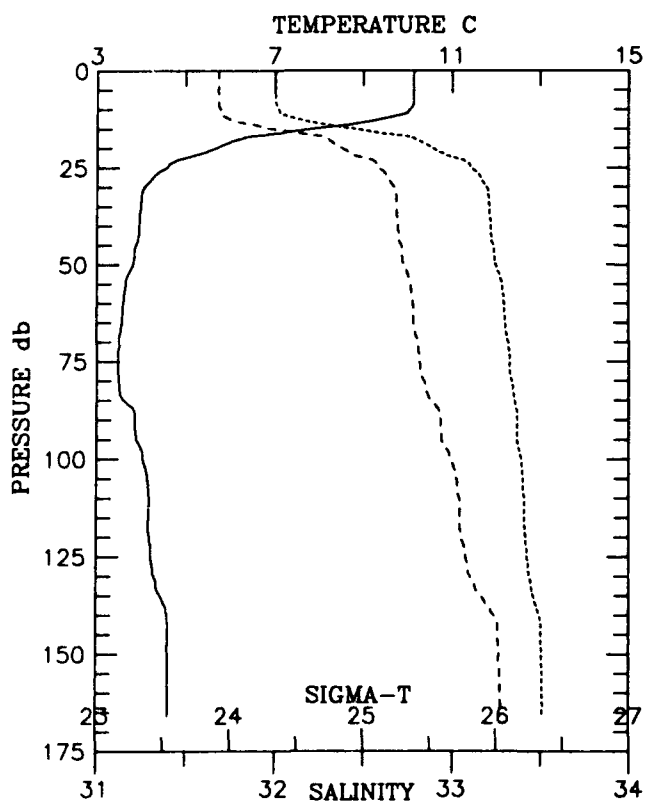
Cruise EN196 Consecutive Station # 108 Depth m:169 Time: 1989-05-29 04:42
 Position: 41° 43.83'N 69° 22.92'W Depth Deck Offset: -0.40 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.311	31.711	24.333	0.0000	6.010	11.2	77.5
10.0	9.234	31.797	24.575	0.0351	6.238	13.3	83.1
20.0	6.475	32.247	25.318	0.0644	6.569	7.1	87.2
30.0	4.778	32.549	25.757	0.0877	6.767	3.9	88.1
40.0	4.212	32.653	25.898	0.1089	6.720	3.5	88.5
50.0	4.016	32.688	25.946	0.1292	6.541	2.9	88.7
60.0	3.852	32.714	25.983	0.1490	6.452	2.9	88.7
70.0	3.755	32.736	26.009	0.1687	6.404	2.8	88.7
80.0	3.510	32.816	26.097	0.1876	6.383	2.3	88.4
90.0	3.519	32.843	26.117	0.2062	6.361	2.2	88.4
100.0	3.770	32.931	26.163	0.2244	6.249	2.1	88.2
110.0	3.928	32.975	26.183	0.2424	6.136	2.2	87.9
120.0	4.242	33.065	26.223	0.2601	5.978	2.0	87.0
130.0	4.278	33.091	26.240	0.2775	5.920	1.9	87.0
140.0	4.405	33.159	26.281	0.2947	5.899	2.0	87.3
150.0	4.479	33.191	26.298	0.3117	5.843	1.9	87.9
160.0	4.618	33.274	26.349	0.3283	5.817	1.8	86.5
165.0	4.631	33.287	26.358	0.3364	5.825	2.0	82.5



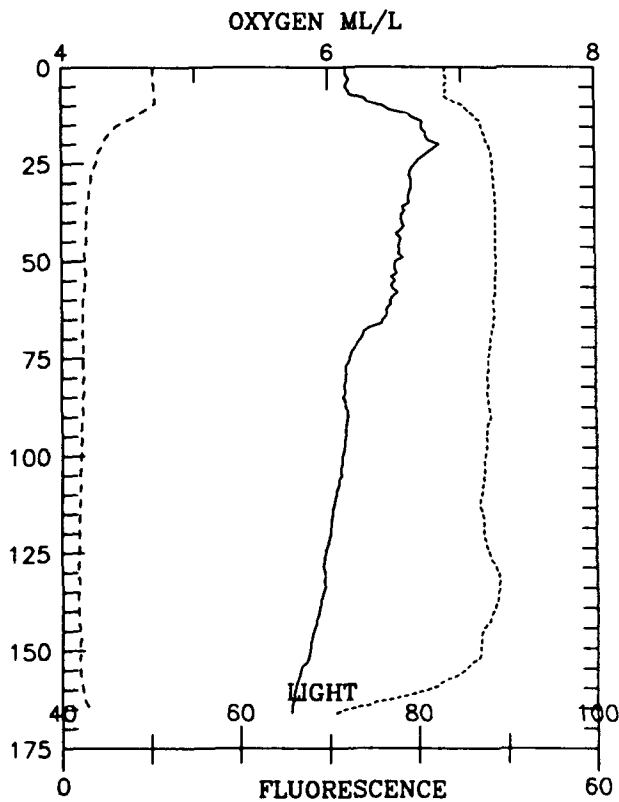
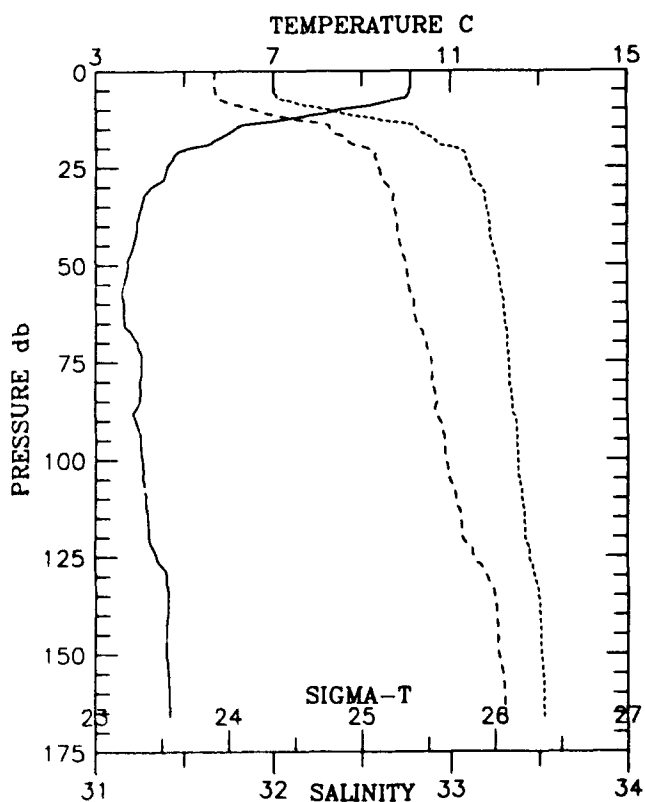
Cruise EN196 Consecutive Station # 109 Depth # 169 Time: 1989-05-29 07:16
 Position: 41° 43.78'N 69° 22.83'W Depth Deck Offset: -0.40 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.141	31.685	24.342	0.0000	6.087	12.1	82.5
10.0		10.049	31.697	24.366	0.0354	6.071	12.7	82.6
20.0		5.671	32.378	25.520	0.0651	6.715	6.1	87.7
30.0		4.061	32.673	25.929	0.0867	6.691	3.2	88.6
40.0		3.951	32.697	25.960	0.1068	6.610	2.9	88.8
50.0		3.812	32.729	25.998	0.1266	6.475	2.9	88.7
60.0		3.597	32.780	26.060	0.1458	6.409	2.5	88.6
70.0		3.516	32.807	26.089	0.1647	6.435	2.3	88.5
80.0		3.503	32.841	26.117	0.1833	6.391	2.2	88.5
90.0		3.858	32.935	26.158	0.2016	6.255	2.2	88.1
100.0		4.039	32.995	26.187	0.2196	6.069	2.3	87.6
110.0		4.191	33.042	26.210	0.2373	5.988	2.0	87.2
120.0		4.192	33.055	26.220	0.2549	5.962	2.0	87.5
130.0		4.290	33.103	26.248	0.2724	5.945	1.9	87.9
140.0		4.596	33.239	26.324	0.2893	5.905	1.8	88.3
150.0		4.615	33.267	26.344	0.3058	5.849	1.9	82.8
160.0		4.623	33.276	26.350	0.3222	5.770	3.3	67.9
166.0		4.624	33.276	26.350	0.3321	6.803	4.6	59.4



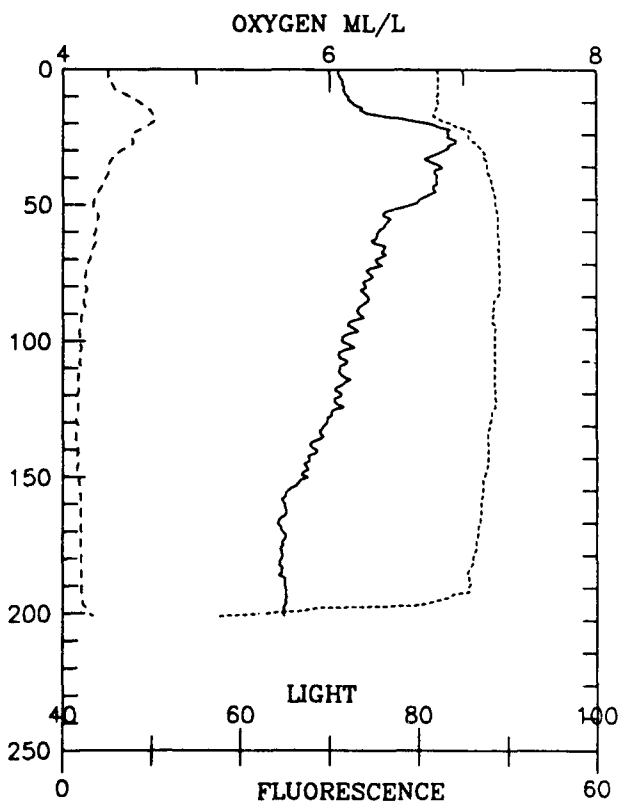
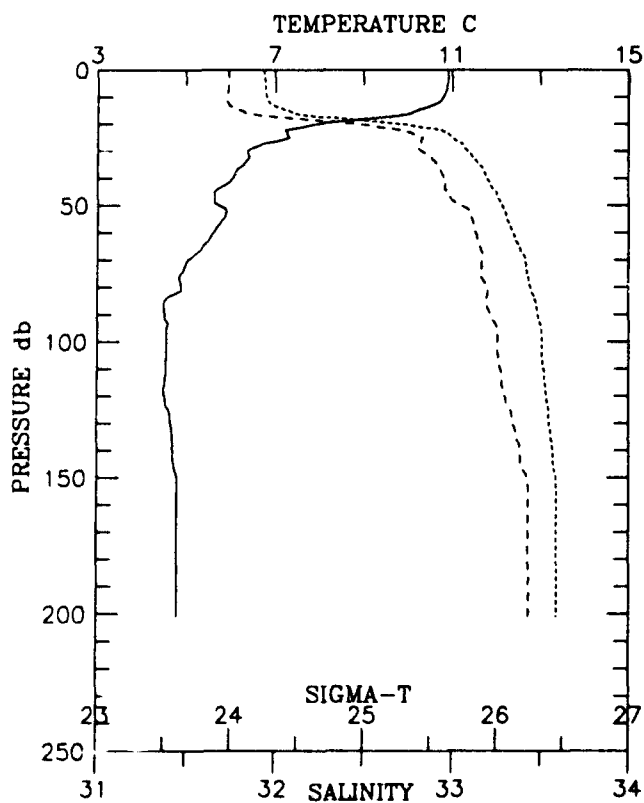
Cruise EN196 Consecutive Station # 110 Depth m:166 Time: 1989-05-29 10:03
 Position: 41° 43.70'N 69° 23.04'W Depth Deck Offset: -0.30 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.104	31.670	24.336	0.0000	6.137	10.4	83.2
10.0	8.481	31.890	24.762	0.0348	6.421	10.1	85.2
20.0	5.109	32.532	25.707	0.0608	6.835	4.7	88.0
30.0	4.252	32.652	25.894	0.0822	6.623	3.2	88.6
40.0	3.931	32.699	25.963	0.1024	6.556	2.8	88.8
50.0	3.726	32.748	26.021	0.1221	6.502	2.6	88.8
60.0	3.636	32.793	26.066	0.1412	6.464	2.4	88.5
70.0	3.942	32.862	26.092	0.1600	6.240	2.3	88.1
80.0	4.005	32.893	26.110	0.1786	6.125	2.5	87.8
90.0	3.900	32.940	26.158	0.1970	6.144	2.4	88.1
100.0	4.054	32.976	26.171	0.2150	6.096	2.1	87.5
110.0	4.136	33.030	26.205	0.2329	6.055	2.0	87.1
120.0	4.206	33.066	26.227	0.2504	6.012	1.9	87.3
130.0	4.602	33.205	26.296	0.2676	5.965	1.8	88.9
140.0	4.626	33.260	26.337	0.2842	5.919	1.8	88.3
150.0	4.608	33.270	26.347	0.3006	5.853	1.9	86.9
160.0	4.673	33.306	26.368	0.3169	5.746	2.3	80.9
166.0	4.686	33.310	26.370	0.3266	5.713	2.8	70.7



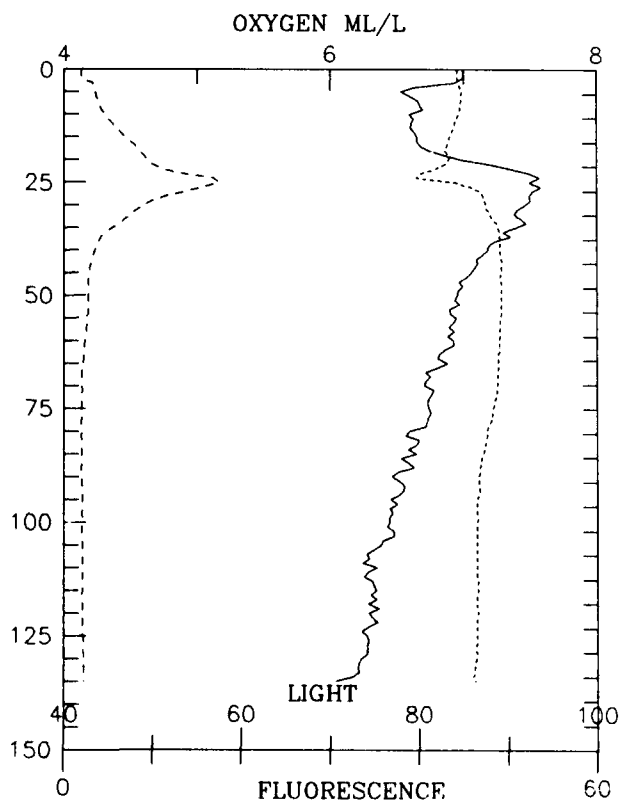
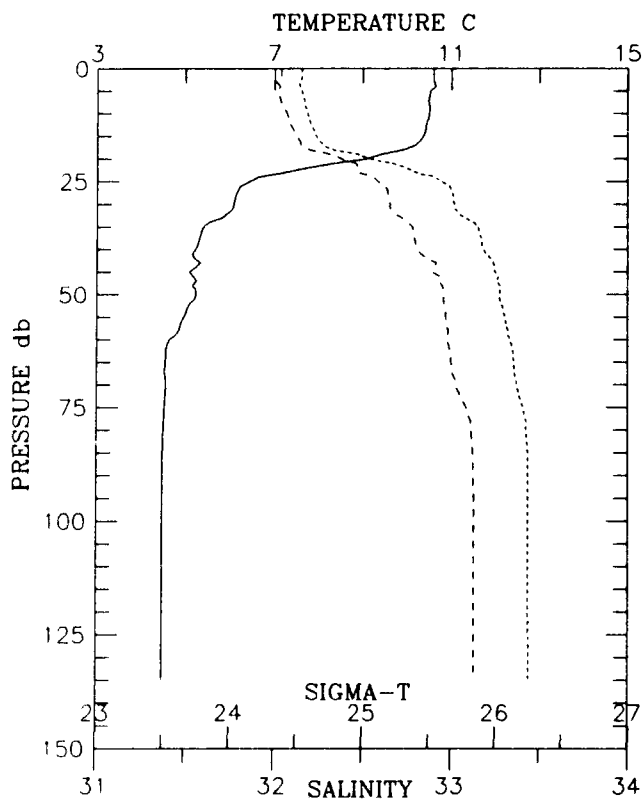
Cruise EN196 Consecutive Station # 111 Depth m:207 Time: 1989-05-29 12:22
 Position: 41° 45.70'N 69° 15.97'W Depth Deck Offset: -0.30 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 10.920	31.741	24.253	0.0000	6.070	5.1	82.2
10.0	10.779	31.730	24.269	0.0363	6.139	7.5	82.0
20.0	7.916	32.471	25.301	0.0697	6.756	9.9	83.7
30.0	6.377	32.824	25.786	0.0927	6.855	6.5	87.2
40.0	6.036	32.953	25.931	0.1136	6.802	4.8	88.1
50.0	5.724	33.048	26.044	0.1333	6.598	3.4	88.6
60.0	5.612	33.133	26.125	0.1522	6.362	3.6	88.9
70.0	5.040	33.170	26.220	0.1701	6.344	3.0	89.0
80.0	4.891	33.197	26.258	0.1875	6.279	2.6	89.1
90.0	4.525	33.217	26.314	0.2044	6.230	2.2	88.4
100.0	4.561	33.257	26.341	0.2209	6.095	1.8	88.5
110.0	4.550	33.274	26.356	0.2372	6.080	1.9	88.5
120.0	4.526	33.299	26.379	0.2534	6.087	1.6	88.6
130.0	4.664	33.347	26.402	0.2694	5.982	1.5	88.0
140.0	4.706	33.382	26.425	0.2851	5.905	1.6	87.8
150.0	4.803	33.425	26.449	0.3007	5.838	1.8	87.3
160.0	4.809	33.431	26.453	0.3161	5.668	2.0	87.0
170.0	4.810	33.432	26.454	0.3315	5.653	2.1	86.7
180.0	4.809	33.432	26.454	0.3469	5.644	2.1	86.1
190.0	4.809	33.432	26.454	0.3624	5.669	2.1	85.6
200.0	4.810	33.432	26.454	0.3778	5.654	3.0	62.3
201.0	4.810	33.432	26.454	0.3794	5.661	3.4	57.6



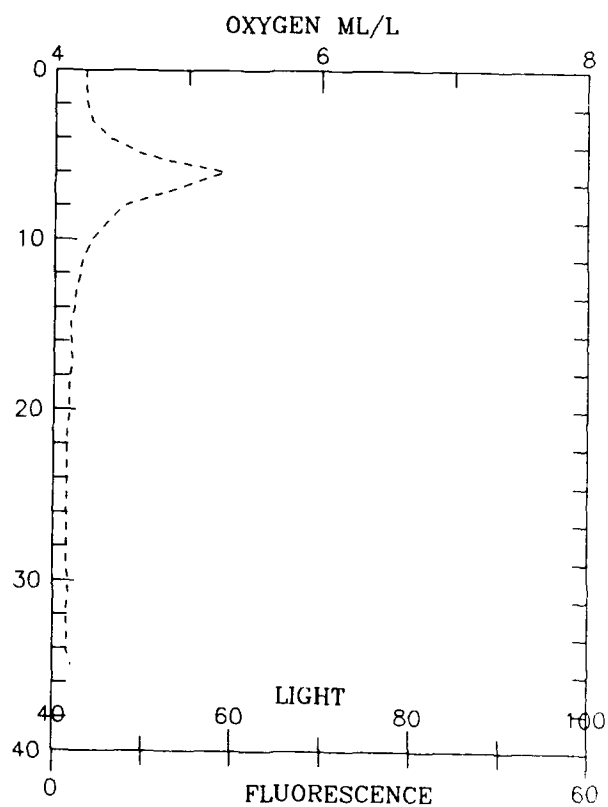
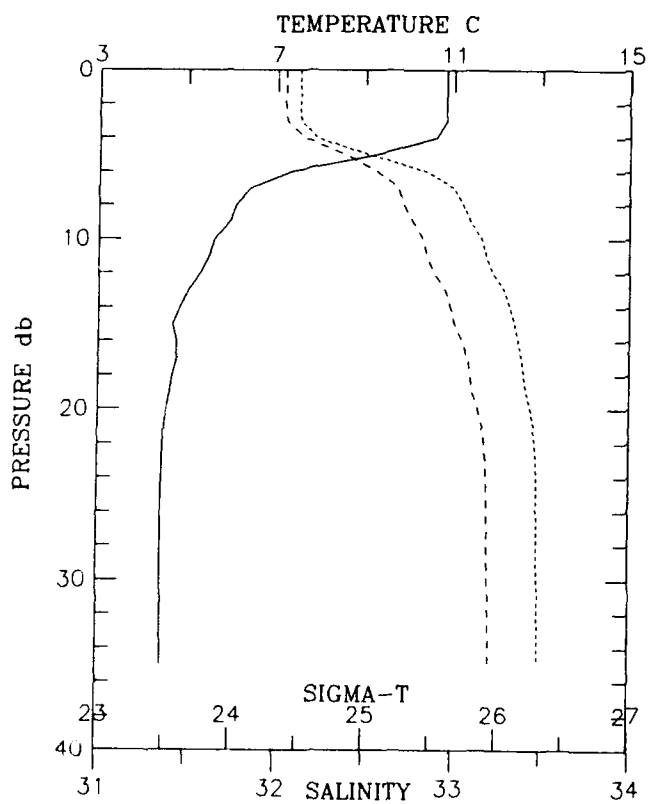
Cruise EN196 Consecutive Station # 112 Depth m:138 Time: 1989-05-29 18:33
 Position: 41° 29.41'N 68° 43.76'W Depth Deck Offset: -0.30 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.592	32.037	24.540	0.0000	6.994	1.9	84.3
10.0		10.499	32.070	24.582	0.0335	6.594	4.6	84.4
20.0		9.083	32.375	25.050	0.0655	6.982	9.4	83.3
30.0		6.081	32.652	25.688	0.0898	7.457	8.9	87.5
40.0		5.224	32.803	25.909	0.1111	7.179	3.5	89.1
50.0		5.231	32.959	26.032	0.1307	6.952	2.7	89.2
60.0		4.643	32.978	26.111	0.1497	6.924	2.4	89.0
70.0		4.557	33.027	26.160	0.1680	6.702	2.0	88.8
80.0		4.508	33.113	26.233	0.1857	6.591	2.0	87.6
90.0		4.487	33.126	26.246	0.2030	6.462	2.0	86.7
100.0		4.483	33.127	26.247	0.2203	6.441	2.1	86.5
110.0		4.481	33.128	26.248	0.2376	6.351	2.1	86.5
120.0		4.482	33.128	26.248	0.2549	6.285	2.1	86.6
130.0		4.479	33.130	26.250	0.2722	6.229	2.2	86.4
135.0		4.478	33.131	26.251	0.2808	6.041	2.2	86.3



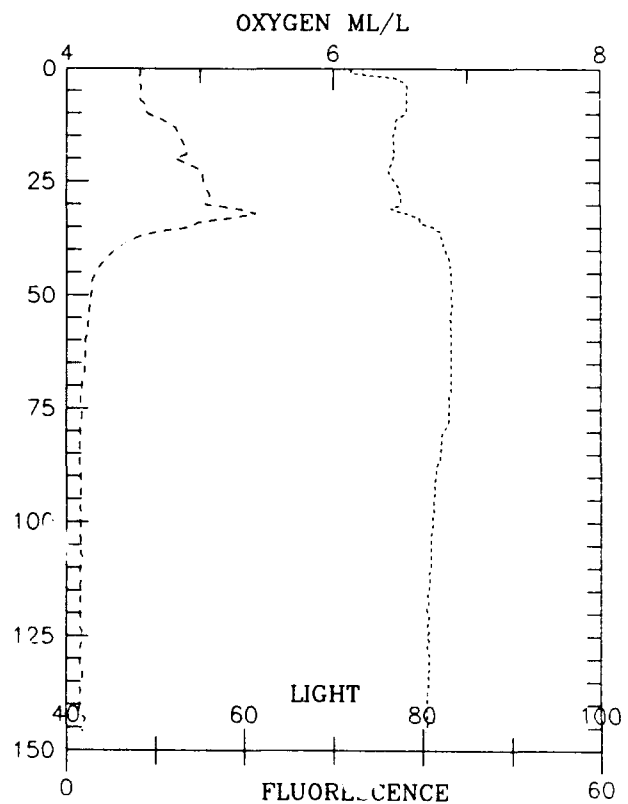
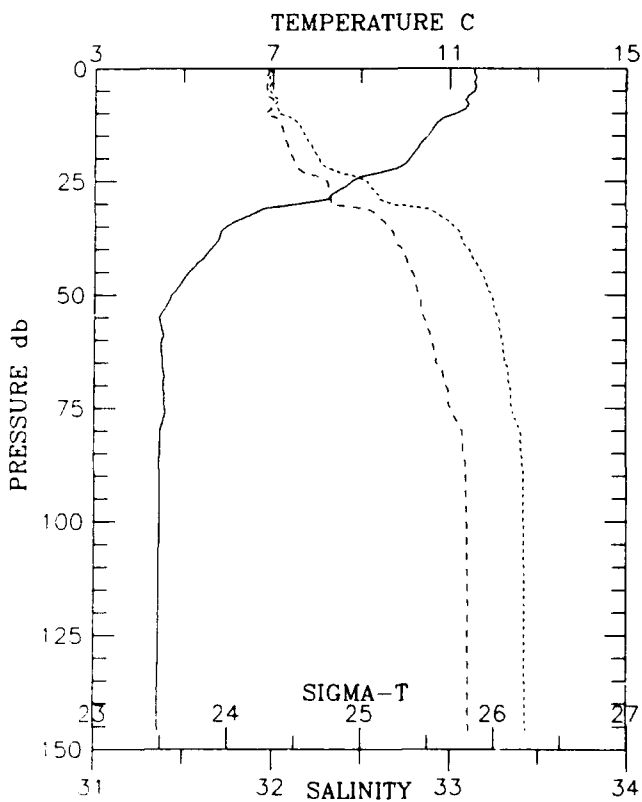
Cruise EN196 Consecutive Station # 114 Depth m:152 Time: 1989-05-30 12:47
 Position: 41° 31.04'N 68° 45.12'W Depth Deck Offset: -0.30 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.838	32.048	24.506	0.0000	0.000	3.4	0.0
5.0		9.291	32.385	25.026	0.0169	0.000	10.0	0.0
10.0		5.615	32.828	25.883	0.0288	0.000	4.2	0.0
15.0		4.672	33.007	26.131	0.0388	0.000	1.8	0.0
20.0		4.542	33.145	26.255	0.0481	0.000	1.7	0.0
25.0		4.449	33.196	26.305	0.0568	0.000	1.5	0.0
30.0		4.449	33.205	26.312	0.0655	0.000	1.7	0.0
35.0		4.452	33.213	26.318	0.0741	0.000	2.1	0.0



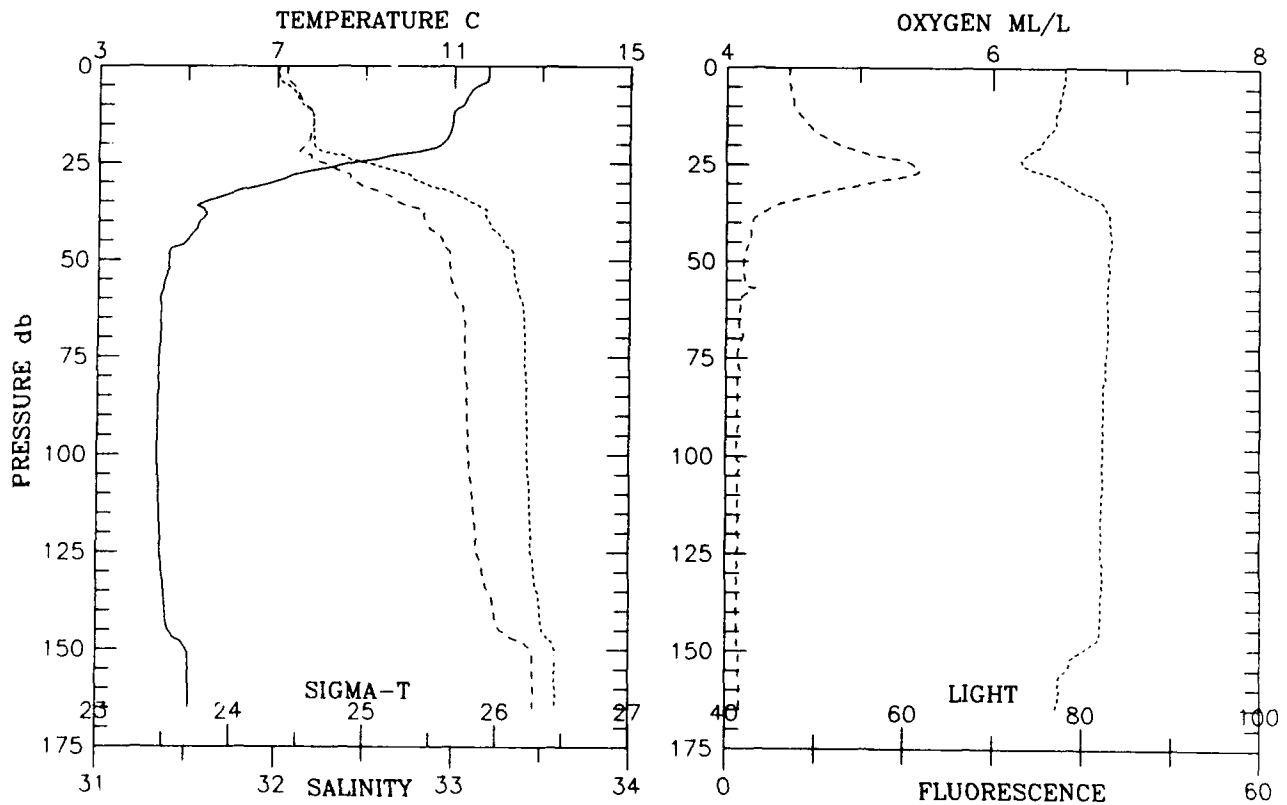
Cruise EN196 Consecutive Station # 116 Depth m:150 Time: 1989-06-01 00:38
 Position: 41° 27.37'N 68° 50.80'W Depth Deck Offset: -0.78 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 11.563	31.975	24.321	0.0000	0.000	8.3	72.0
10.0	11.168	31.957	24.378	0.0359	0.000	9.1	78.1
20.0	10.105	32.116	24.684	0.0695	0.000	12.2	76.7
30.0	7.582	32.331	25.238	0.0994	0.000	15.6	77.5
40.0	5.600	32.735	25.811	0.1227	0.000	5.4	82.5
50.0	4.743	32.829	25.983	0.1437	0.000	2.7	83.2
60.0	4.518	32.895	26.059	0.1635	0.000	2.1	83.2
70.0	4.556	32.981	26.123	0.1827	0.000	1.7	83.2
80.0	4.482	33.073	26.204	0.2014	0.000	1.5	82.3
90.0	4.473	33.093	26.221	0.2194	0.000	1.5	81.5
100.0	4.470	33.095	26.223	0.2374	0.000	1.5	81.2
110.0	4.460	33.101	26.229	0.2554	0.000	1.5	80.9
120.0	4.451	33.105	26.233	0.2733	0.000	1.5	80.5
130.0	4.453	33.104	26.232	0.2912	0.000	1.5	80.7
140.0	4.443	33.107	26.235	0.3091	0.000	1.5	80.5
146.0	4.440	33.107	26.235	0.3198	0.000	1.8	80.3



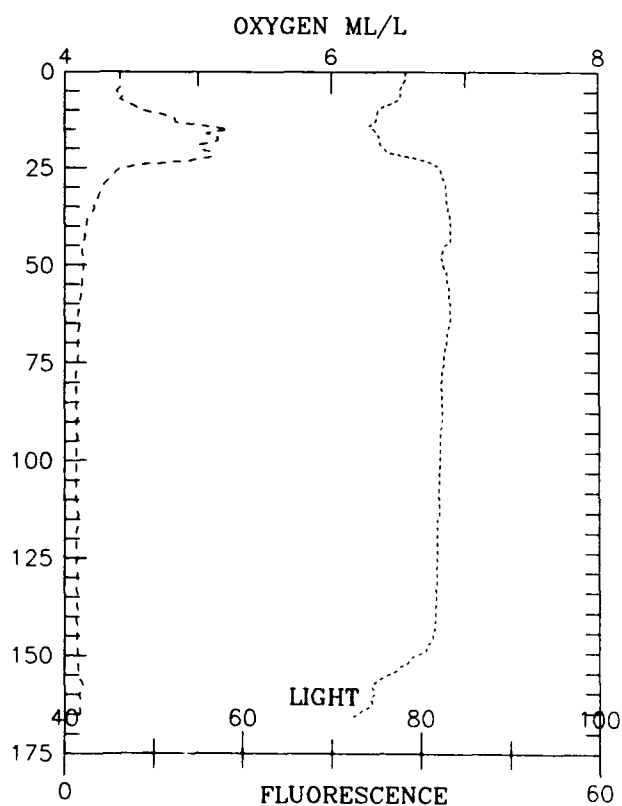
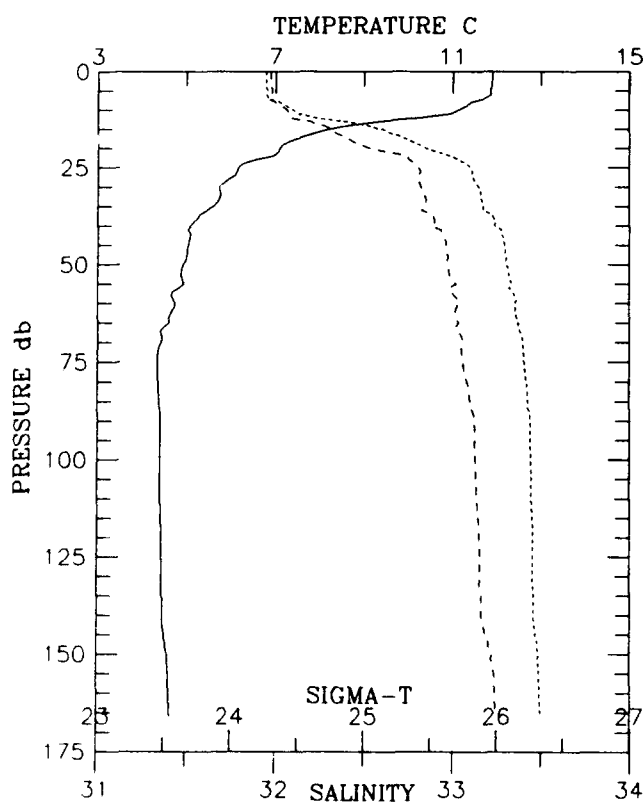
Cruise EN196 Consecutive Station # 117 Depth m:169 Time: 1989-06-01 06:44
 Position: 41° 41.49'N 68° 40.32'W Depth Deck Offset: -0.78 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	11.778	32.055	24.344	0.0000	0.000	7.0	78.1
10.0		11.206	32.157	24.527	0.0351	0.000	7.6	77.5
20.0		10.761	32.170	24.615	0.0685	0.000	13.0	75.5
30.0		6.898	32.451	25.425	0.0980	0.000	15.6	78.3
40.0		5.279	32.840	25.932	0.1204	0.000	2.9	83.1
50.0		4.592	32.981	26.119	0.1400	0.000	1.9	83.0
60.0		4.400	33.027	26.176	0.1588	0.000	1.6	82.8
70.0		4.409	33.067	26.207	0.1769	0.000	1.8	82.9
80.0		4.374	33.074	26.216	0.1950	0.000	1.3	82.7
90.0		4.352	33.081	26.224	0.2130	0.000	1.3	82.4
100.0		4.361	33.094	26.233	0.2309	0.000	1.4	82.4
110.0		4.383	33.111	26.245	0.2487	0.000	1.3	82.2
120.0		4.415	33.131	26.257	0.2664	0.000	1.3	82.2
130.0		4.476	33.173	26.284	0.2840	0.000	1.3	82.3
140.0		4.548	33.239	26.329	0.3012	0.000	1.2	82.1
150.0		5.029	33.450	26.443	0.3178	0.000	1.4	79.9
160.0		5.081	33.462	26.447	0.3338	0.000	1.6	77.5
165.0		5.080	33.461	26.446	0.3418	0.000	1.6	77.0



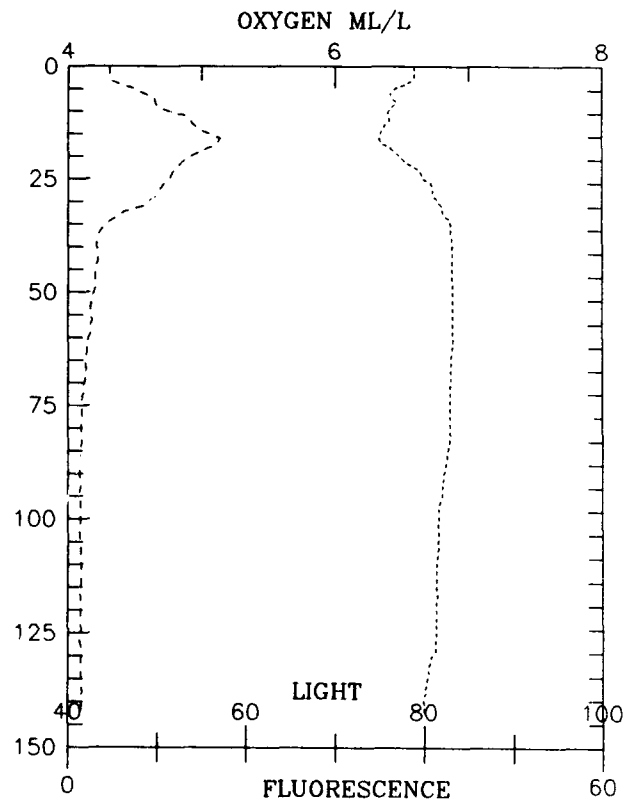
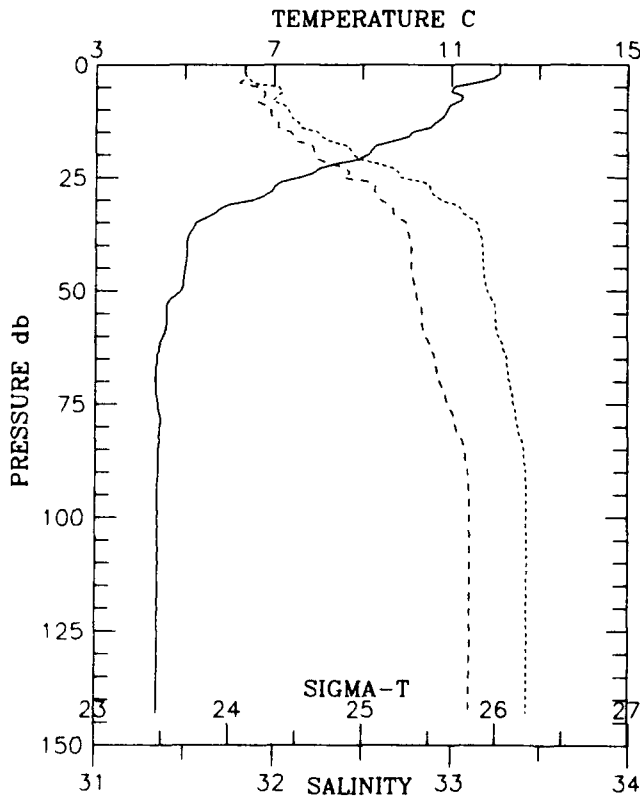
Cruise EN196 Consecutive Station # 118 Depth m:168 Time: 1989-06-01 12:04
 Position: 41° 41.31'N 68° 39.98'W Depth Deck Offset: -0.78 Fish 1

PRESSURE (d-bars)	Interp (deg C)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	11.889	31.972	24.259	0.0000	0.000	6.2	78.3
10.0		11.133	32.068	24.470	0.0362	0.000	8.9	75.3
20.0		7.091	32.529	25.461	0.0654	0.000	15.1	75.9
30.0		5.724	32.820	25.864	0.0879	0.000	4.1	82.8
40.0		5.096	32.880	25.984	0.1087	0.000	2.3	83.3
50.0		4.929	32.971	26.075	0.1283	0.000	2.1	82.5
60.0		4.746	33.028	26.140	0.1473	0.000	1.7	83.3
70.0		4.425	33.049	26.191	0.1659	0.000	1.4	82.9
80.0		4.364	33.083	26.224	0.1840	0.000	1.3	82.3
90.0		4.416	33.122	26.250	0.2018	0.000	1.3	82.3
100.0		4.412	33.128	26.255	0.2195	0.000	1.3	82.2
110.0		4.419	33.136	26.261	0.2371	0.000	1.3	82.0
120.0		4.444	33.151	26.270	0.2547	0.000	1.3	81.8
130.0		4.454	33.155	26.272	0.2722	0.000	1.4	81.8
140.0		4.471	33.163	26.277	0.2897	0.000	1.3	81.6
150.0		4.586	33.224	26.313	0.3071	0.000	1.5	79.3
160.0		4.622	33.239	26.321	0.3242	0.000	1.6	74.7
166.0		4.642	33.250	26.328	0.3345	0.000	1.8	72.1



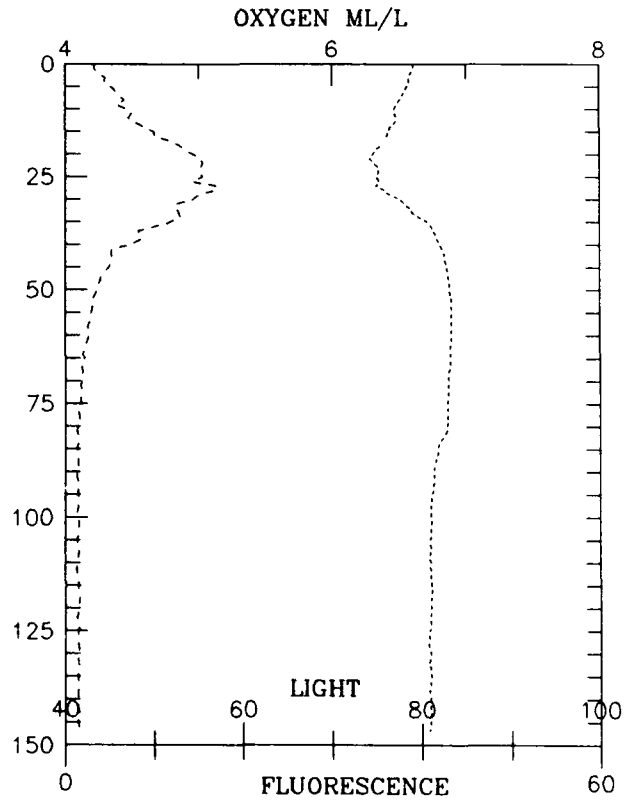
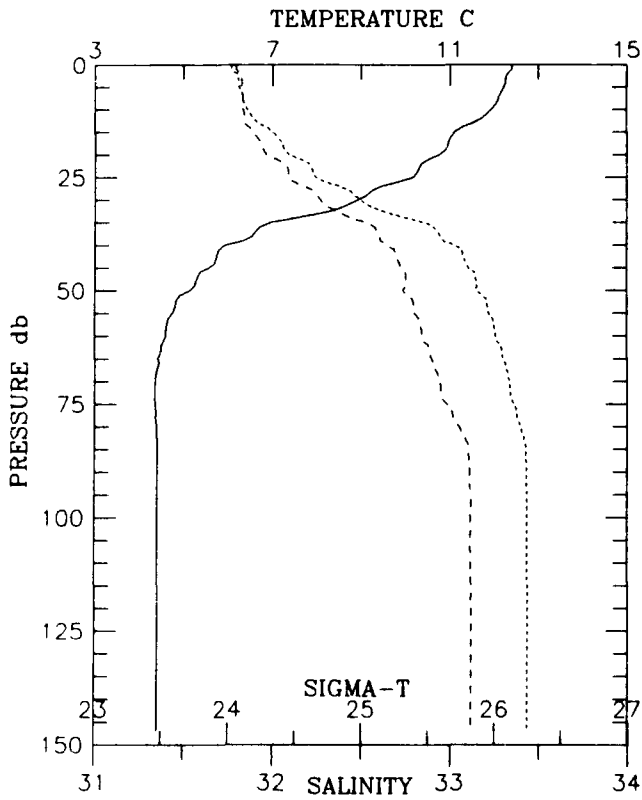
Cruise EN196 Consecutive Station # 119 Depth m:148 Time: 1989-06-02 09:20
 Position: 41° 27.28'N 68° 50.92'W Depth Deck Offset: -1.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	12.094	31.834	24.114	0.0000	0.000	4.6	78.9
10.0		10.910	31.982	24.443	0.0365	0.000	11.3	76.0
20.0		9.129	32.234	24.933	0.0693	0.000	13.7	77.3
30.0		6.514	32.602	25.594	0.0959	0.000	9.0	81.6
40.0		5.058	32.775	25.905	0.1177	0.000	3.2	83.1
50.0		4.921	32.800	25.940	0.1385	0.000	2.9	83.2
60.0		4.531	32.854	26.025	0.1586	0.000	2.3	83.2
70.0		4.358	32.935	26.108	0.1779	0.000	1.8	82.9
80.0		4.462	33.029	26.171	0.1966	0.000	1.5	82.9
90.0		4.409	33.097	26.231	0.2147	0.000	1.2	82.2
100.0		4.407	33.106	26.238	0.2326	0.000	1.4	81.7
110.0		4.407	33.107	26.239	0.2504	0.000	1.5	81.4
120.0		4.407	33.106	26.238	0.2682	0.000	1.4	81.4
130.0		4.406	33.105	26.237	0.2861	0.000	1.4	80.8
140.0		4.406	33.104	26.237	0.3039	0.000	1.5	79.9
143.0		4.406	33.104	26.237	0.3093	0.000	1.5	80.0



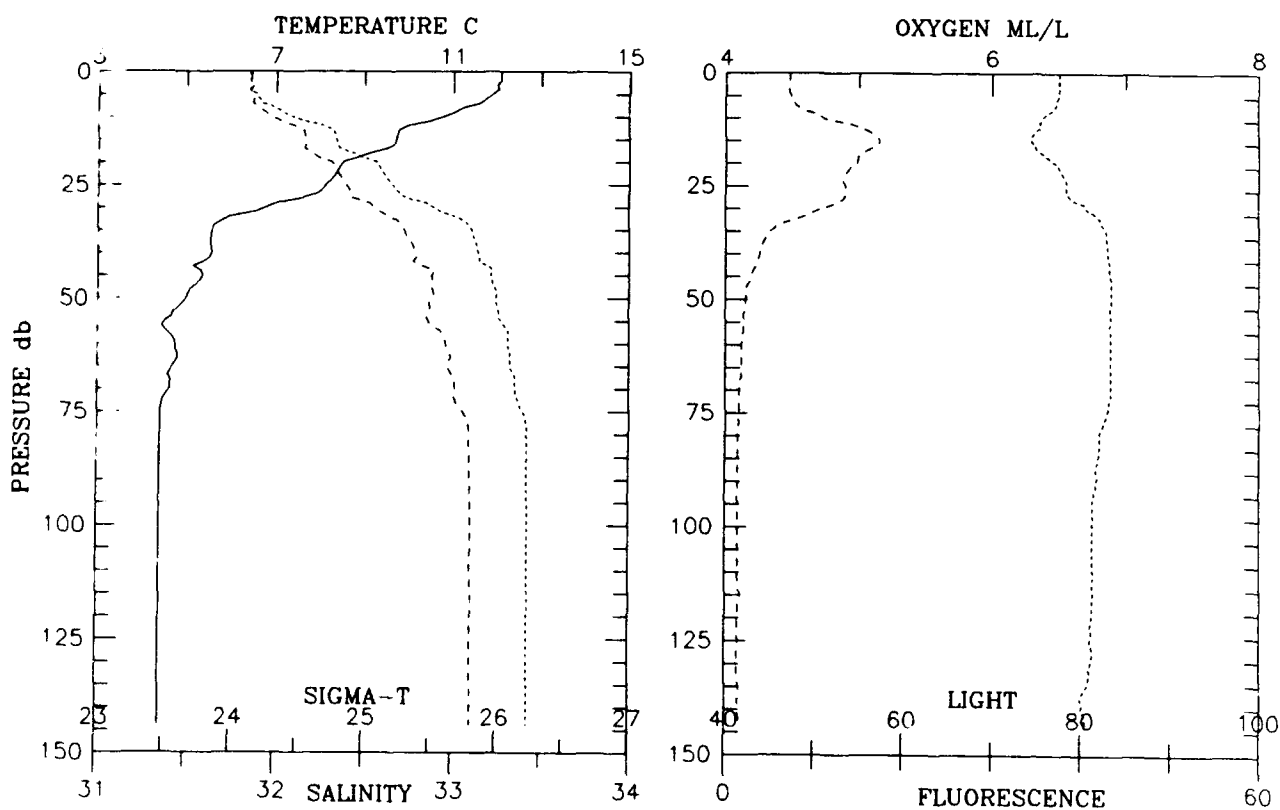
Cruise EN196 Consecutive Station # 120 Depth m:158 Time: 1989-06-01 19:00
 Position: 41° 27.23'N 68° 50.80'W Depth Deck Offset: -0.63 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANELA (%fluor)	CHANNELB (%light)
0.0	E 12.408	31.794	24.024	0.0000	0.000	3.2	79.1
10.0	11.931	31.835	24.145	0.0383	0.000	6.9	77.0
20.0	10.741	31.965	24.458	0.0744	0.000	14.4	74.5
30.0	8.922	32.269	24.993	0.1066	0.000	14.4	77.6
40.0	5.926	32.644	25.700	0.1326	0.000	7.3	82.1
50.0	5.141	32.732	25.862	0.1544	0.000	3.6	83.1
60.0	4.596	32.843	26.010	0.1748	0.000	2.6	83.3
70.0	4.364	32.942	26.112	0.1943	0.000	1.8	83.0
80.0	4.392	33.048	26.194	0.2129	0.000	1.4	82.8
90.0	4.417	33.111	26.241	0.2308	0.000	1.3	81.4
100.0	4.418	33.115	26.244	0.2486	0.000	1.4	81.0
110.0	4.418	33.116	26.245	0.2664	0.000	1.3	81.0
120.0	4.419	33.116	26.245	0.2841	0.000	1.4	81.0
130.0	4.418	33.116	26.245	0.3019	0.000	1.4	80.9
140.0	4.419	33.116	26.245	0.3197	0.000	1.4	80.9
147.0	4.419	33.116	26.245	0.3322	0.000	1.4	80.8



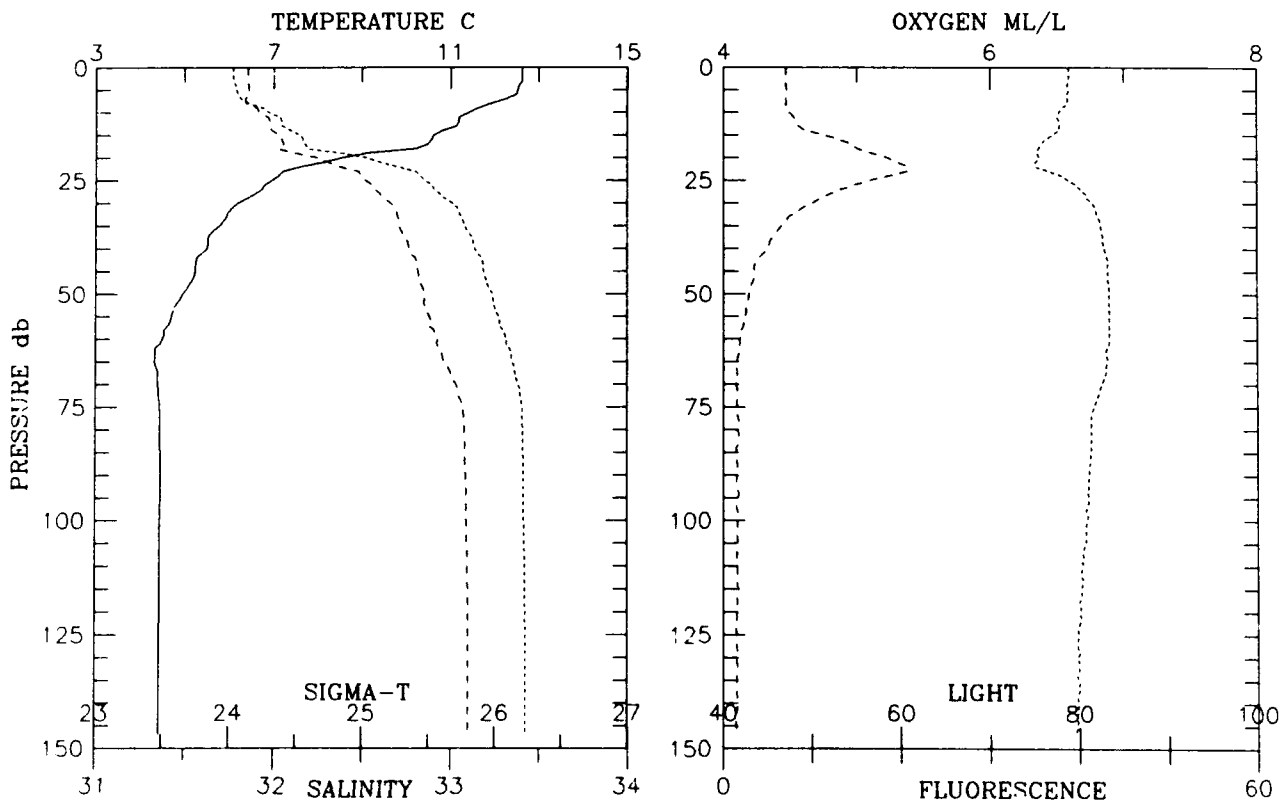
Cruise EN196 Consecutive Station # 121 Depth m:148 Time: 1989-06-01 22:10
 Position: 41° 27.61'N 68° 50.62'W Depth Deck Offset: -0.25 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 12.081	31.860	24.137	0.0000	0.000	7.2	77.5
10.0	10.784	31.979	24.462	0.0370	0.000	11.0	75.6
20.0	8.518	32.315	25.090	0.0686	0.000	14.8	77.2
30.0	6.798	32.553	25.519	0.0959	0.000	10.7	80.6
40.0	5.557	32.787	25.858	0.1182	0.000	3.8	83.0
50.0	4.998	32.879	25.994	0.1387	0.000	2.2	83.4
60.0	4.746	32.960	26.086	0.1584	0.000	1.8	83.3
70.0	4.635	33.015	26.142	0.1774	0.000	1.6	83.3
80.0	4.413	33.094	26.228	0.1956	0.000	1.4	82.1
90.0	4.413	33.102	26.234	0.2135	0.000	1.4	81.7
100.0	4.414	33.105	26.237	0.2313	0.000	1.4	81.3
110.0	4.414	33.104	26.236	0.2492	0.000	1.4	81.4
120.0	4.414	33.105	26.237	0.2670	0.000	1.4	81.2
130.0	4.414	33.105	26.237	0.2849	0.000	1.4	81.1
140.0	4.413	33.105	26.237	0.3027	0.000	1.5	80.0
144.0	4.413	33.105	26.237	0.3099	0.000	1.4	80.4



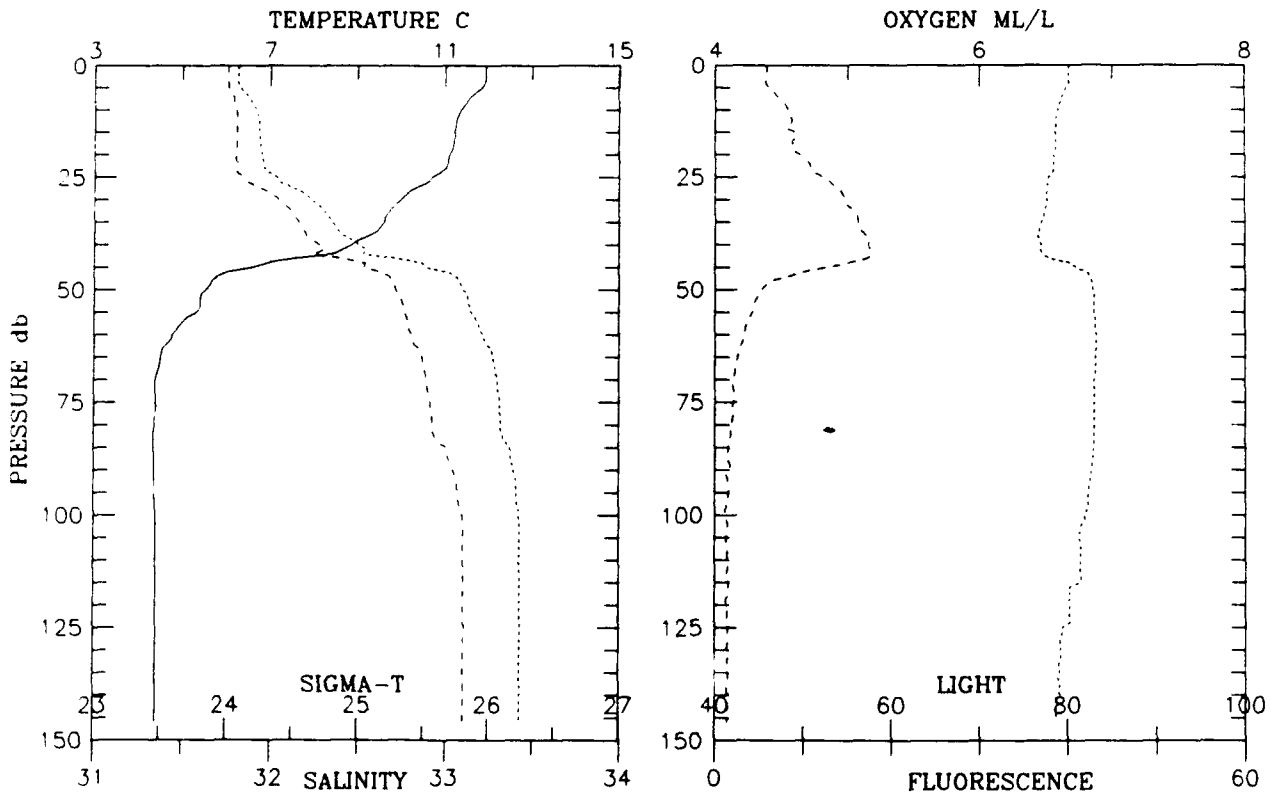
Cruise EN196 Consecutive Station # 122 Depth m:150 Time: 1989-06-02 01:02
 Position: 41° 27.26'N 68° 50.70'W Depth Deck Offset: -0.25 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	12.621	31.855	24.031	0.0000	0.000	7.0	78.8
10.0		11.430	31.915	24.298	0.0382	0.000	7.4	77.7
20.0		8.566	32.249	25.031	0.0721	0.000	18.5	75.5
30.0		6.192	32.660	25.680	0.0976	0.000	10.0	81.5
40.0		5.508	32.768	25.848	0.1197	0.000	5.0	82.8
50.0		4.957	32.854	25.979	0.1405	0.000	2.8	83.3
60.0		4.505	32.927	26.086	0.1603	0.000	1.8	83.3
70.0		4.405	33.029	26.177	0.1791	0.000	1.4	82.4
80.0		4.459	33.078	26.210	0.1973	0.000	1.5	81.3
90.0		4.464	33.084	26.215	0.2154	0.000	1.6	81.1
100.0		4.464	33.090	26.219	0.2334	0.000	1.6	80.8
110.0		4.457	33.097	26.226	0.2513	0.000	1.5	80.4
120.0		4.453	33.100	26.229	0.2693	0.000	1.5	80.0
130.0		4.449	33.101	26.230	0.2872	0.000	1.5	79.8
140.0		4.449	33.101	26.230	0.3051	0.000	1.6	79.9
147.0		4.447	33.101	26.230	0.3177	0.000	1.6	79.8



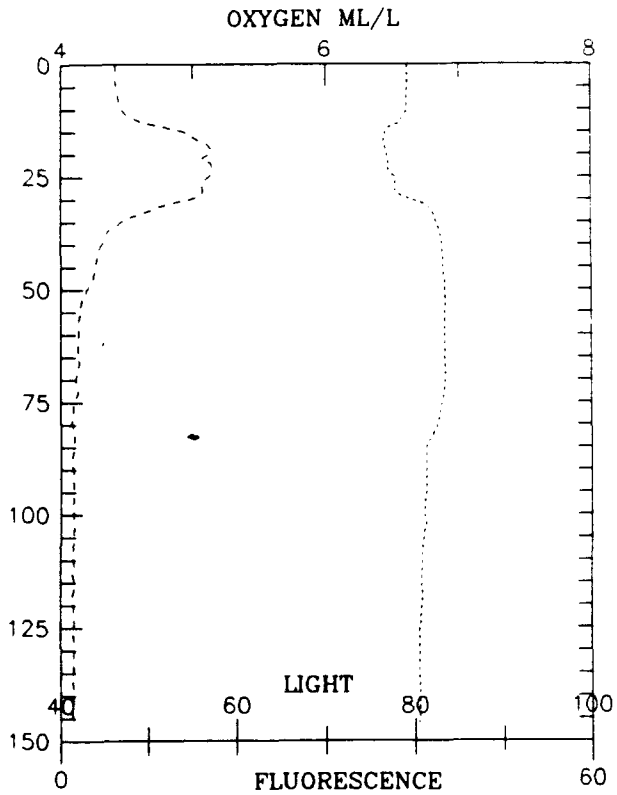
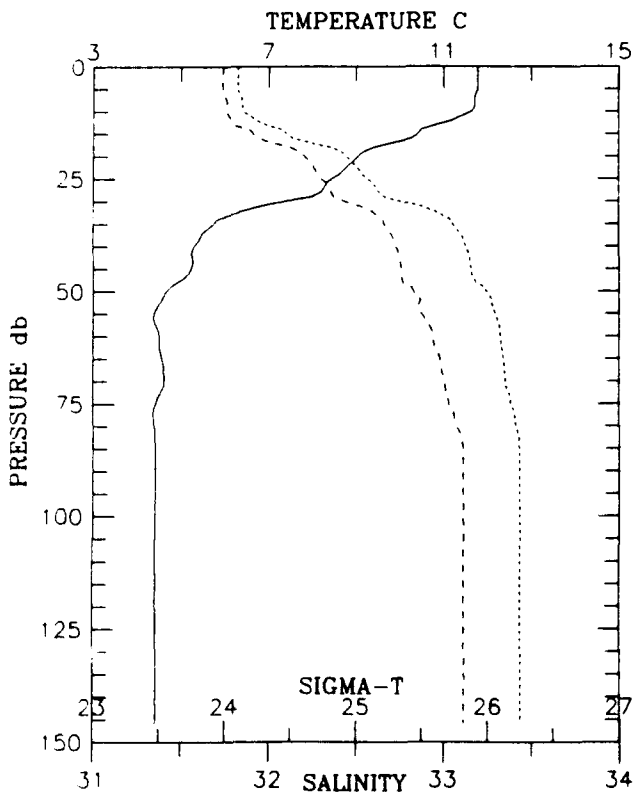
Cruise EN196 Consecutive Station # 123 Depth m:149 Time: 1989-06-02 05:44
 Position: 41° 27.13'N 68° 50.81'W Depth Deck Offset: -0.25 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E - 11.932	31.759	24.086	0.0000	0.000	5.8	80.1
10.0	11.360	31.806	24.226	0.0378	0.000	8.2	78.9
20.0	11.106	31.804	24.270	0.0746	0.000	9.6	78.5
30.0	9.980	32.049	24.652	0.1098	0.000	14.9	77.7
40.0	8.847	32.278	25.011	0.1412	0.000	17.4	77.0
50.0	5.522	32.714	25.804	0.1661	0.000	5.2	82.8
60.0	4.786	32.809	25.962	0.1873	0.000	3.1	83.2
70.0	4.404	32.892	26.068	0.2071	0.000	2.1	83.0
80.0	4.380	32.923	26.096	0.2264	0.000	1.8	83.0
90.0	4.373	33.045	26.193	0.2450	0.000	1.5	82.6
100.0	4.405	33.101	26.234	0.2630	0.000	1.3	81.9
110.0	4.411	33.106	26.238	0.2809	0.000	1.4	81.4
120.0	4.412	33.108	26.239	0.2987	0.000	1.3	80.2
130.0	4.411	33.108	26.239	0.3165	0.000	1.3	79.1
140.0	4.410	33.107	26.239	0.3343	0.000	1.5	79.1
146.0	4.411	33.107	26.239	0.3450	0.000	1.4	78.5



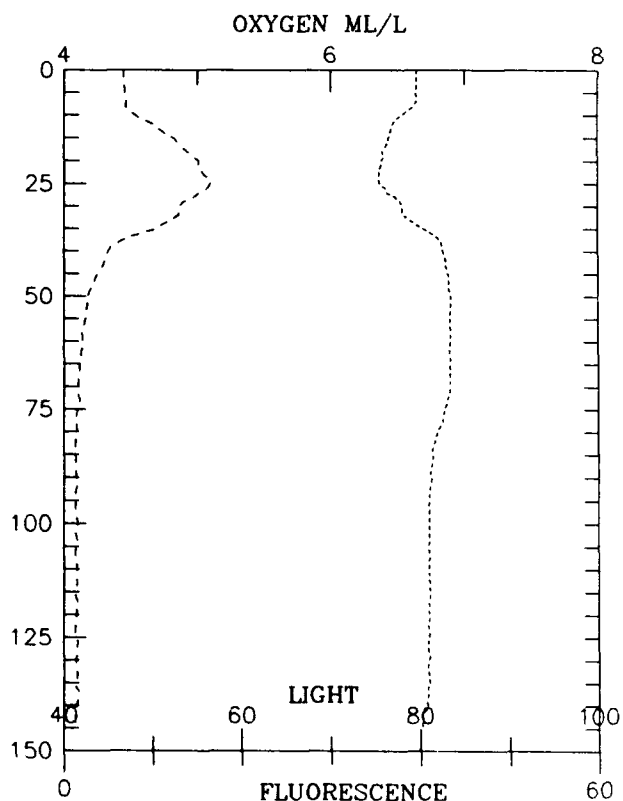
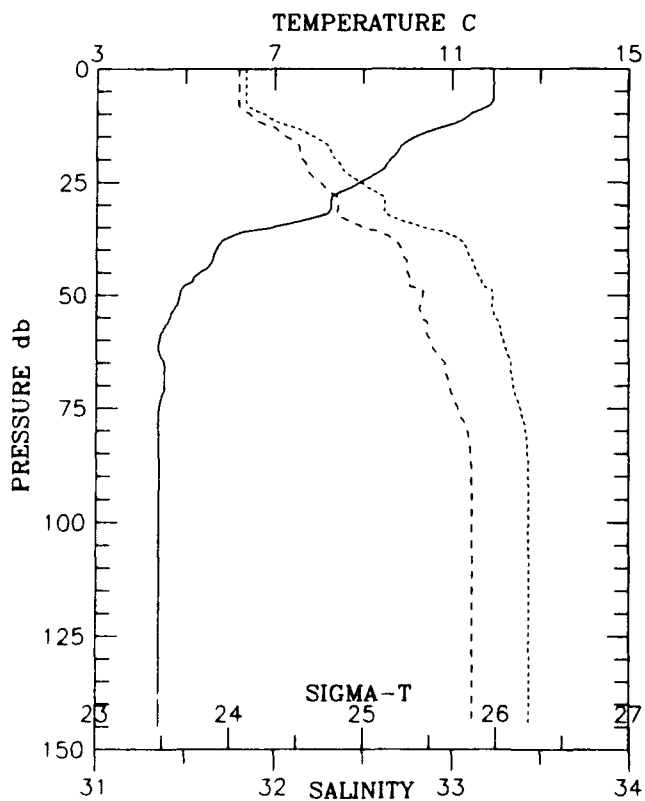
Cruise EN196 Consecutive Station # 124 Depth m:149 Time: 1989-06-02 07:05
 Position: 41° 27.18'N 68° 50.82'W Depth Deck Offset: -0.25 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E - 11.773	31.737	24.098	0.0000	0.000	6.2	79.2
10.0	11.632	31.761	24.142	0.0380	0.000	7.0	79.2
20.0	9.047	32.206	24.924	0.0723	0.000	16.9	76.9
30.0	7.357	32.433	25.349	0.1010	0.000	14.7	79.7
40.0	5.303	32.729	25.641	0.1239	0.000	4.7	83.1
50.0	4.665	32.825	25.988	0.1450	0.000	2.9	83.3
60.0	4.495	32.939	26.096	0.1645	0.000	2.0	83.3
70.0	4.622	33.006	26.136	0.1834	0.000	1.7	83.4
80.0	4.383	33.076	26.217	0.2018	0.000	1.3	82.5
90.0	4.414	33.110	26.240	0.2196	0.000	1.4	81.2
100.0	4.416	33.111	26.241	0.2374	0.000	1.4	81.0
110.0	4.420	33.115	26.244	0.2552	0.000	1.4	80.8
120.0	4.420	33.115	26.244	0.2729	0.000	1.4	80.7
130.0	4.420	33.116	26.245	0.2907	0.000	1.4	80.5
140.0	4.420	33.115	26.244	0.3085	0.000	1.4	80.5
146.0	4.420	33.115	26.244	0.3192	0.000	1.4	80.4



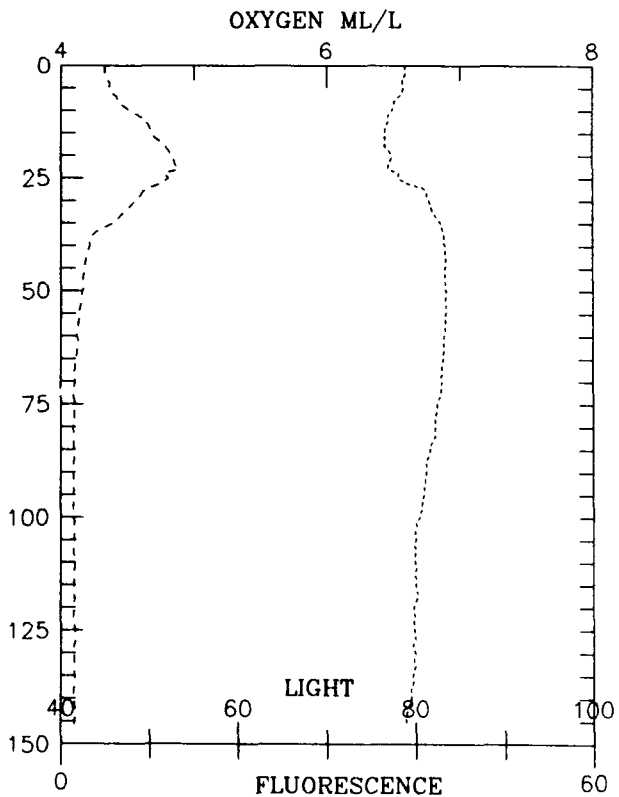
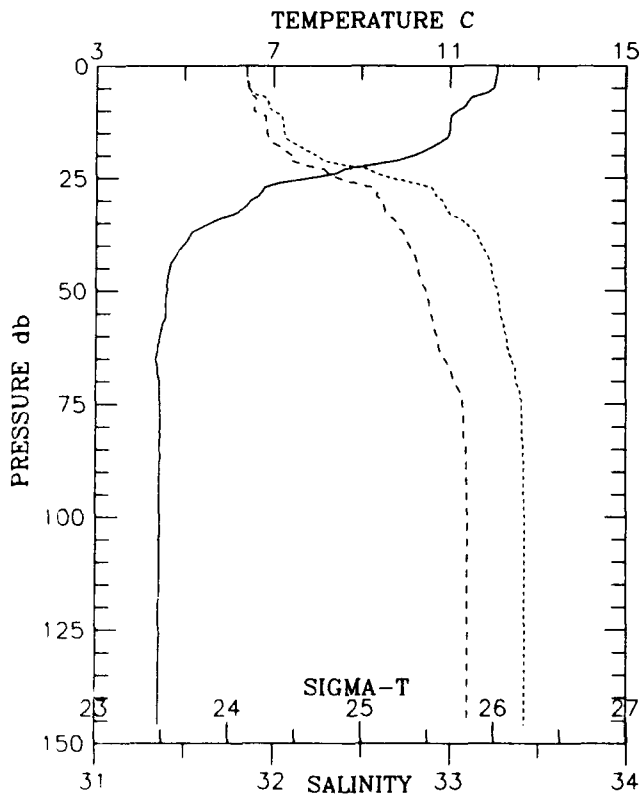
Cruise EN196 Consecutive Station # 125 Depth m:148 Time: 1989-06-02 10:04
 Position: 41° 27.36'N 68° 50.97'W Depth Deck Offset: -0.75 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	11.943	31.799	24.115	0.0000	0.000	6.7	79.6
10.0		11.415	31.859	24.258	0.0379	0.000	8.0	77.9
20.0		9.605	32.159	24.799	0.0714	0.000	15.1	75.6
30.0		8.266	32.359	25.162	0.1011	0.000	13.0	78.0
40.0		5.689	32.717	25.786	0.1262	0.000	5.0	82.6
50.0		4.880	32.835	25.972	0.1475	0.000	2.6	83.4
60.0		4.425	32.881	26.058	0.1675	0.000	2.1	83.4
70.0		4.534	32.987	26.130	0.1866	0.000	1.6	83.3
80.0		4.405	33.088	26.224	0.2050	0.000	1.5	82.0
90.0		4.417	33.111	26.241	0.2228	0.000	1.4	81.2
100.0		4.418	33.113	26.243	0.2406	0.000	1.6	81.0
110.0		4.418	33.113	26.243	0.2583	0.000	1.4	80.9
120.0		4.418	33.114	26.243	0.2761	0.000	1.4	81.0
130.0		4.419	33.114	26.243	0.2939	0.000	1.3	80.9
140.0		4.419	33.115	26.244	0.3117	0.000	1.4	80.8
145.0		4.420	33.115	26.244	0.3206	0.000	1.4	80.2



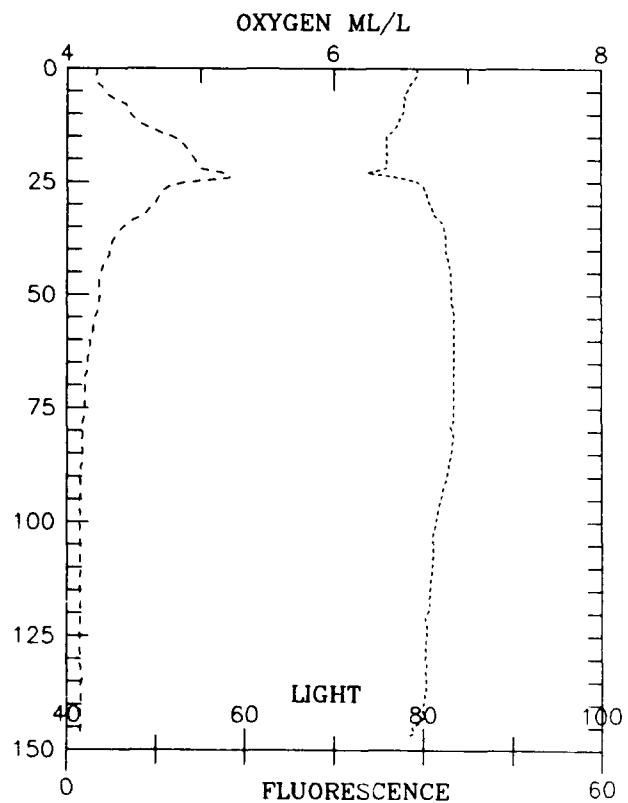
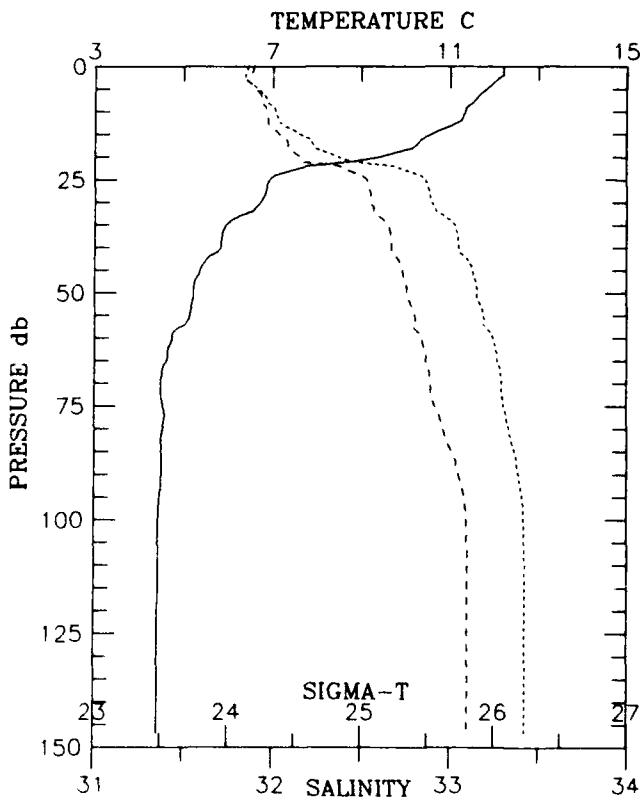
Cruise EN196 Consecutive Station # 126 Depth m:148 Time: 1989-06-02 13:02
 Position: 41° 27.41'N 68° 50.73'W Depth Deck Offset: -0.80 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 12.063	31.848	24.131	0.0000	0.000	4.9	78.8
10.0	11.163	31.887	24.324	0.0372	0.000	7.8	77.4
20.0	10.168	32.113	24.671	0.0720	0.000	12.5	77.3
30.0	6.481	32.619	25.612	0.0995	0.000	8.4	81.5
40.0	4.969	32.771	25.912	0.1217	0.000	3.2	83.3
50.0	4.595	32.863	26.025	0.1420	0.000	2.4	83.4
60.0	4.437	32.928	26.094	0.1615	0.000	1.8	83.2
70.0	4.438	33.024	26.170	0.1803	0.000	1.6	83.0
80.0	4.451	33.076	26.210	0.1984	0.000	1.3	82.2
90.0	4.447	33.096	26.226	0.2164	0.000	1.4	81.2
100.0	4.438	33.100	26.230	0.2343	0.000	1.4	80.4
110.0	4.435	33.101	26.231	0.2522	0.000	1.6	79.9
120.0	4.432	33.101	26.232	0.2700	0.000	1.5	79.8
130.0	4.431	33.101	26.232	0.2879	0.000	1.5	79.9
140.0	4.427	33.101	26.232	0.3059	0.000	1.5	79.5
146.0	4.424	33.101	26.232	0.3166	0.000	1.5	78.9



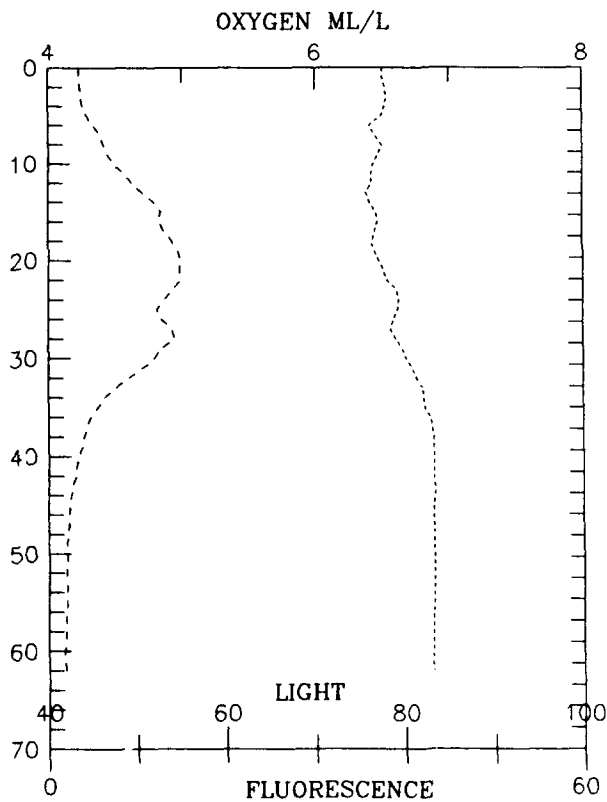
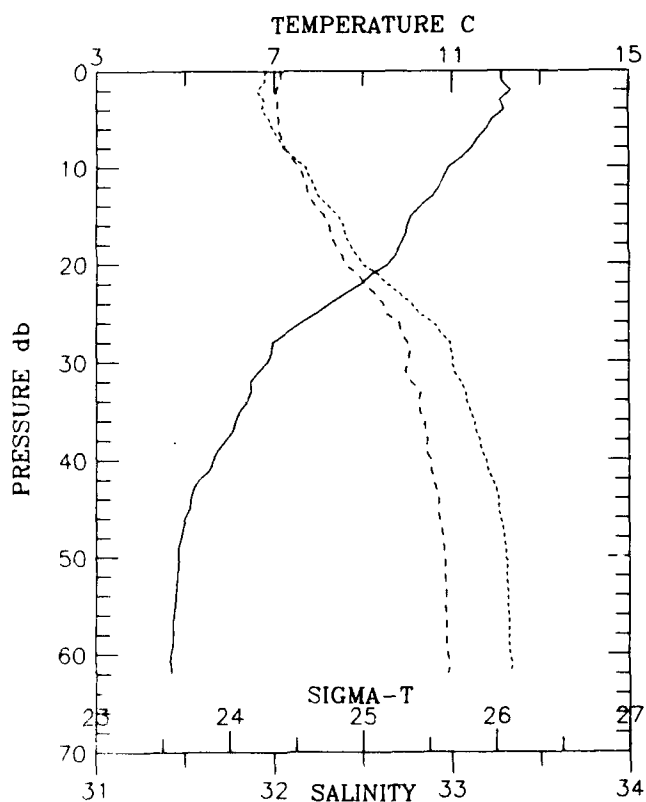
Cruise EN196 Consecutive Station # 127 Depth m:150 Time: 1989-06-02 16:08
 Position: 41° 27.20'N 68° 50.70'W Depth Deck Offset: -0.80 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	12.193	31.889	24.139	0.0000	0.000	3.3	79.3
10.0		11.339	31.969	24.357	0.0369	0.000	7.1	77.7
20.0		9.418	32.156	24.827	0.0709	0.000	14.4	75.9
30.0		6.720	32.549	25.526	0.0970	0.000	9.9	80.7
40.0		5.838	32.670	25.732	0.1202	0.000	4.8	82.5
50.0		5.231	32.757	25.872	0.1419	0.000	3.7	83.2
60.0		4.746	32.839	25.990	0.1627	0.000	2.5	83.4
70.0		4.497	32.891	26.058	0.1825	0.000	2.0	83.4
80.0		4.545	32.961	26.109	0.2018	0.000	1.7	83.2
90.0		4.509	33.050	26.183	0.2205	0.000	1.4	82.6
100.0		4.450	33.094	26.224	0.2386	0.000	1.4	81.4
110.0		4.439	33.099	26.229	0.2565	0.000	1.5	80.9
120.0		4.431	33.101	26.232	0.2744	0.000	1.5	80.4
130.0		4.431	33.101	26.232	0.2923	0.000	1.5	80.2
140.0		4.429	33.101	26.232	0.3102	0.000	1.5	80.0
147.0		4.432	33.101	26.232	0.3227	0.000	2.1	78.4



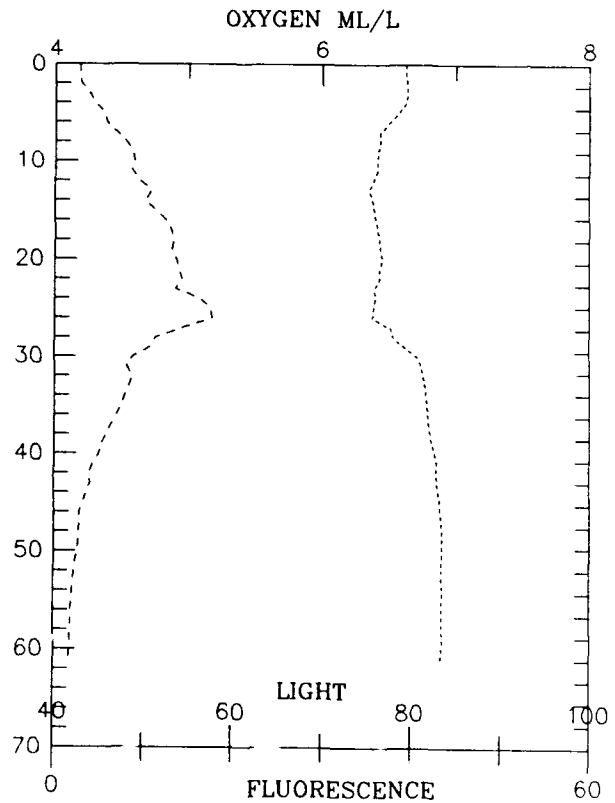
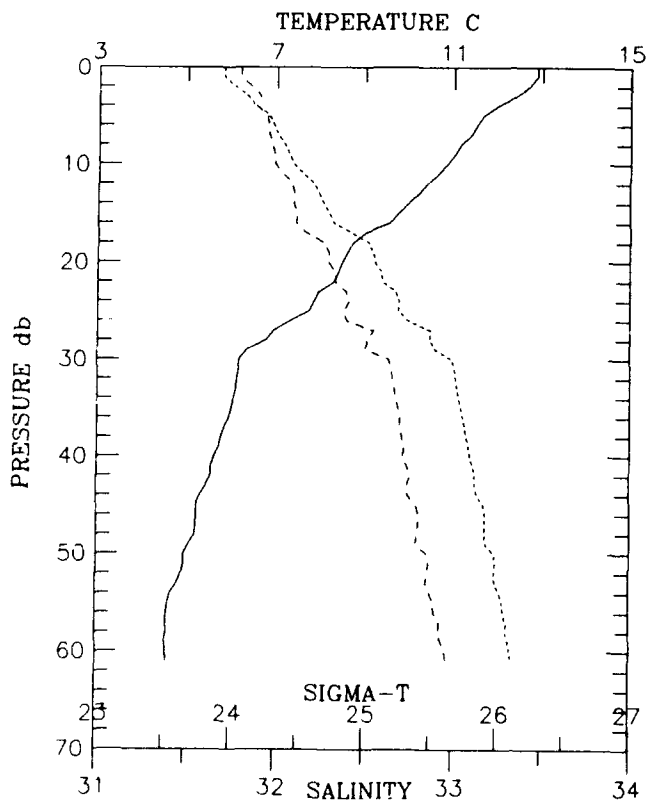
Cruise EM196 Consecutive Station # 128 Depth m:130 Time: 1989-06-02 17:50
 Position: 41° 23.25'N 68° 46.84'W Depth Deck Offset: -0.80 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 12.131	32.037	24.265	0.0000	0.000	3.5	77.6
5.0	11.915	32.022	24.293	0.0185	0.000	4.3	77.4
10.0	10.915	32.141	24.565	0.0362	0.000	7.4	76.5
15.0	10.091	32.281	24.815	0.0527	0.000	12.7	76.8
20.0	9.550	32.393	24.991	0.0681	0.000	14.8	77.1
25.0	7.944	32.626	25.418	0.0819	0.000	12.2	79.2
30.0	6.841	32.748	25.667	0.0940	0.000	11.9	80.1
35.0	6.224	32.818	25.801	0.1053	0.000	5.5	82.2
40.0	5.628	32.879	25.922	0.1161	0.000	3.3	83.2
45.0	5.112	32.922	26.016	0.1264	0.000	2.4	83.2
50.0	4.845	32.958	26.074	0.1363	0.000	2.0	83.2
55.0	4.783	32.962	26.084	0.1460	0.000	2.0	83.2
60.0	4.692	32.977	26.105	0.1557	0.000	1.8	83.1
62.0	4.705	32.977	26.104	0.1596	0.000	1.9	83.1



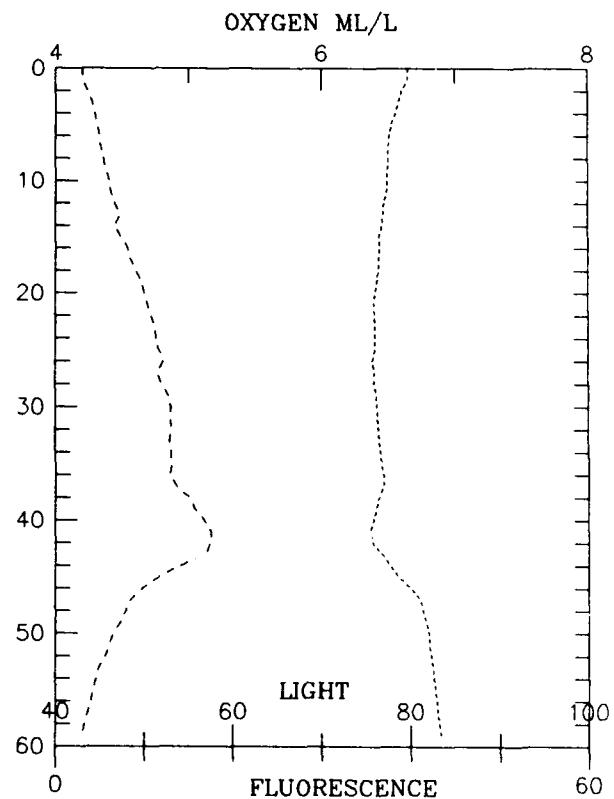
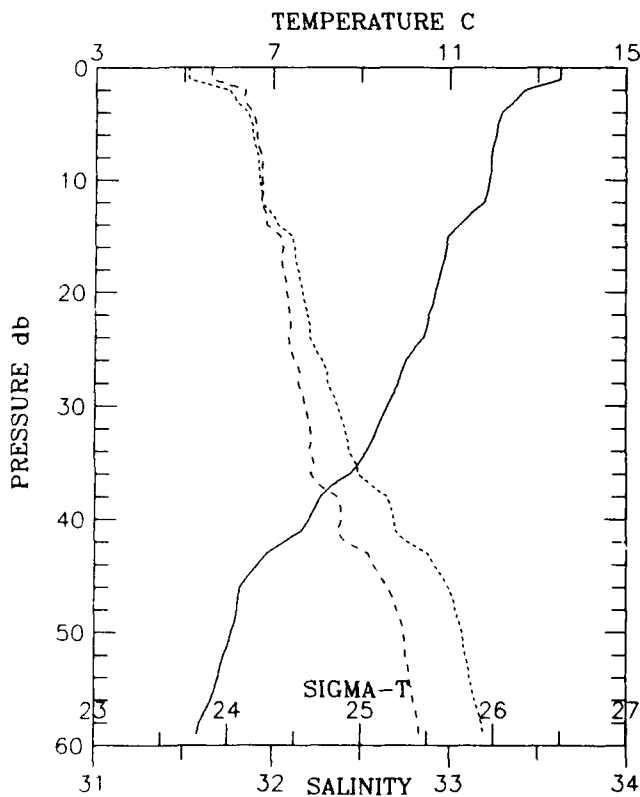
Cruise EN196 Consecutive Station # 129 Depth m:136 Time: 1989-06-02 18:49
 Position: 41° 25.55'N 68° 46.42'W Depth Deck Offset: -0.80 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	12.887	31.799	23.937	0.0000	0.000	2.7	79.4
5.0		11.666	31.944	24.278	0.0192	0.000	5.5	78.5
10.0		10.850	31.991	24.460	0.0370	0.000	8.9	76.2
15.0		9.774	32.116	24.738	0.0536	0.000	11.4	75.9
20.0		8.508	32.299	25.079	0.0687	0.000	13.7	76.8
25.0		7.762	32.384	25.254	0.0826	0.000	17.5	75.8
30.0		6.184	32.643	25.668	0.0951	0.000	8.9	80.8
35.0		6.015	32.692	25.727	0.1066	0.000	7.5	81.8
40.0		5.634	32.720	25.796	0.1177	0.000	5.0	82.7
45.0		5.248	32.796	25.900	0.1285	0.000	3.2	83.2
50.0		4.966	32.857	25.980	0.1389	0.000	2.6	83.5
55.0		4.638	32.898	26.049	0.1489	0.000	2.0	83.5
60.0		4.571	32.959	26.104	0.1586	0.000	1.7	83.4
61.0		4.584	32.970	26.111	0.1605	0.000	1.7	83.4



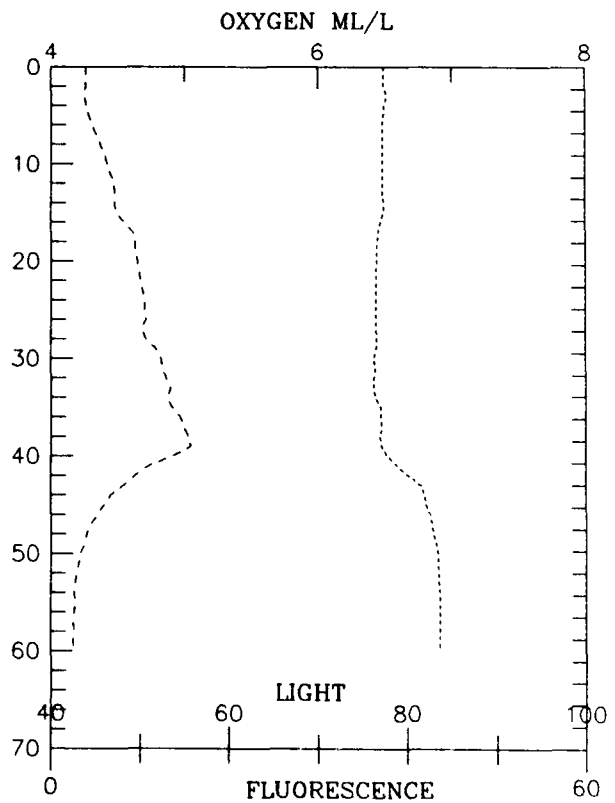
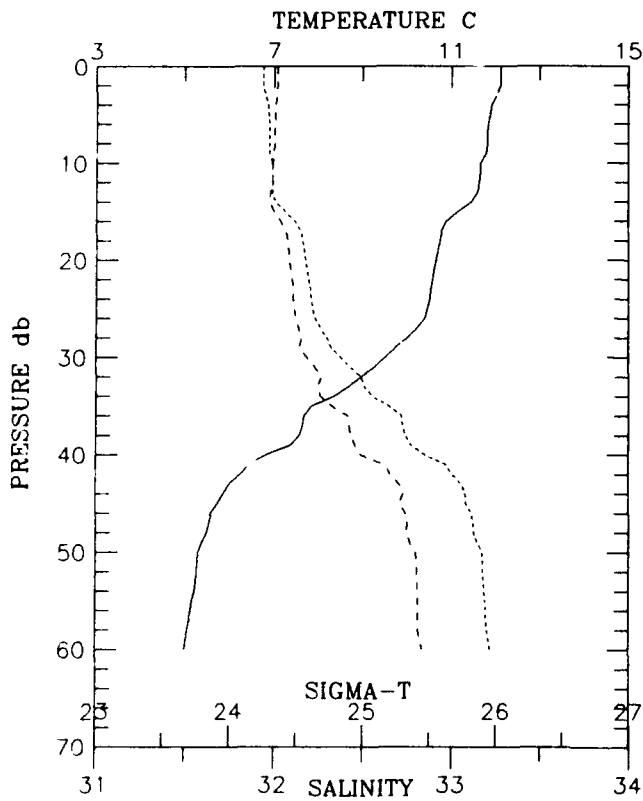
Cruise EN196 Consecutive Station # 130 Depth m:145 Time: 1989-06-02 19:39
 Position: 41° 28.04'N 68° 46.22'W Depth Deck Offset: -0.80 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.508	31.650	23.700	0.0000	0.000	3.0	79.7
5.0		12.079	31.904	24.172	0.0197	0.000	4.7	77.8
10.0		11.898	31.937	24.230	0.0382	0.000	6.0	77.4
15.0		10.962	32.045	24.482	0.0563	0.000	7.4	76.5
20.0		10.670	32.079	24.559	0.0734	0.000	10.0	76.0
25.0		10.191	32.098	24.655	0.0901	0.000	11.7	76.0
30.0		9.599	32.183	24.819	0.1061	0.000	13.0	76.2
35.0		8.954	32.234	24.960	0.1214	0.000	13.1	76.7
40.0		7.840	32.390	25.248	0.1357	0.000	16.8	75.8
45.0		6.453	32.612	25.610	0.1485	0.000	11.6	78.7
50.0		6.074	32.744	25.761	0.1599	0.000	6.5	82.0
55.0		5.716	32.786	25.838	0.1709	0.000	4.2	82.7
59.0		5.311	32.832	25.922	0.1794	0.000	3.0	83.4



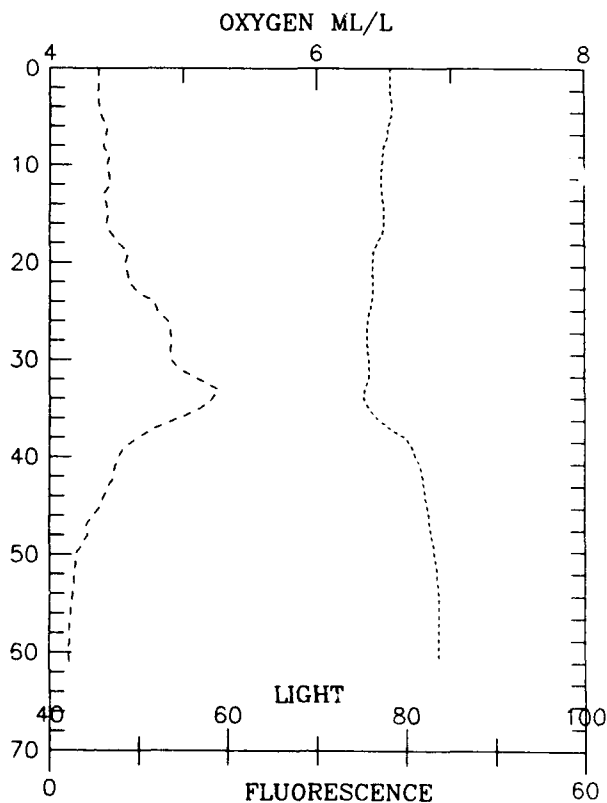
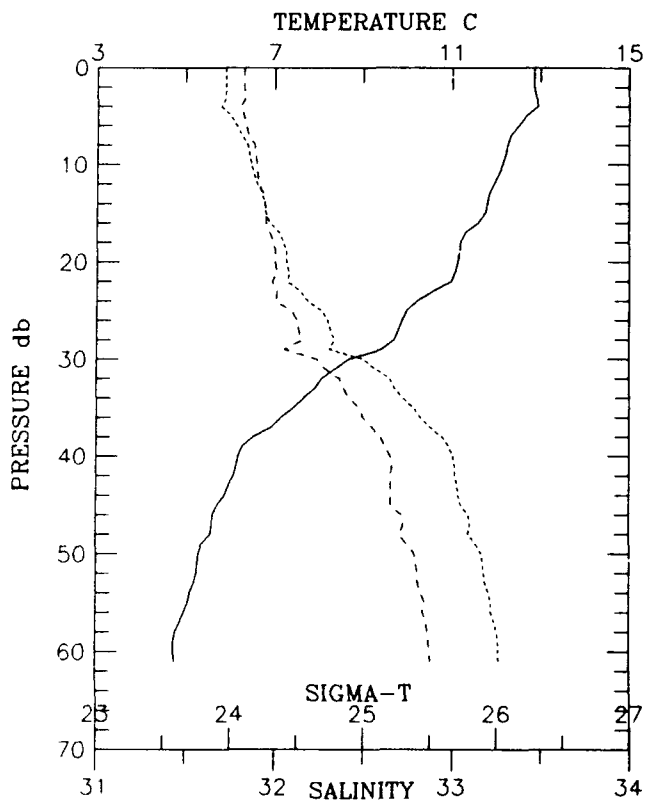
Cruise EN196 Consecutive Station # 131 Depth m:125 Time: 1989-06-02 20:18
 Position: 41° 26.75'N 68° 43.20'W Depth Deck Offset: -0.38 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 12.118	32.019	24.253	0.0000	0.000	3.9	77.4
5.0	11.862	32.004	24.289	0.0183	0.000	4.2	77.3
10.0	11.642	31.991	24.319	0.0364	0.000	6.3	77.2
15.0	11.132	32.002	24.419	0.0543	0.000	7.3	77.3
20.0	10.646	32.082	24.566	0.0714	0.000	9.7	76.6
25.0	10.454	32.115	24.624	0.0881	0.000	10.5	76.5
30.0	9.507	32.186	24.836	0.1043	0.000	12.4	76.2
35.0	7.853	32.323	25.193	0.1191	0.000	13.6	77.0
40.0	6.827	32.488	25.464	0.1323	0.000	13.6	77.8
45.0	5.730	32.710	25.776	0.1438	0.000	6.0	82.1
50.0	5.296	32.799	25.897	0.1546	0.000	3.3	83.4
55.0	5.172	32.813	25.922	0.1651	0.000	2.7	83.6
60.0	5.016	32.839	25.961	0.1754	0.000	2.5	83.6



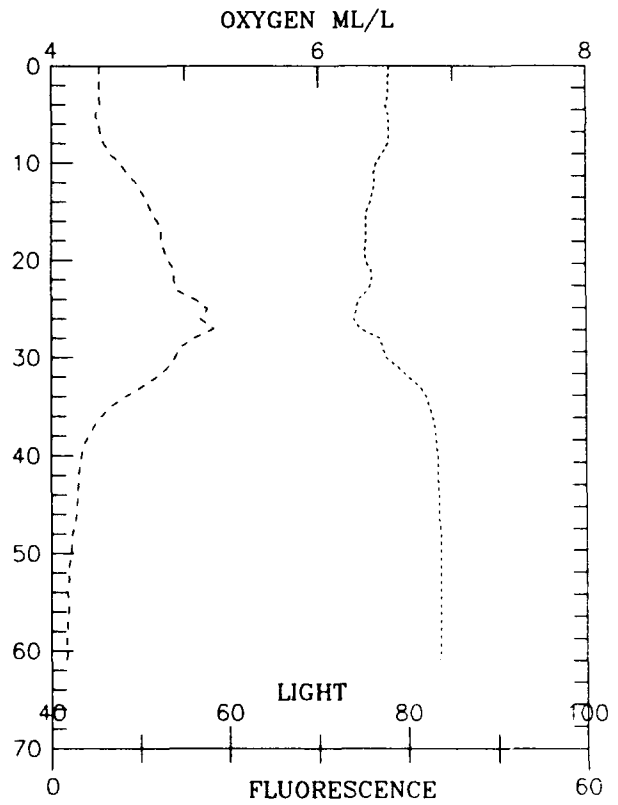
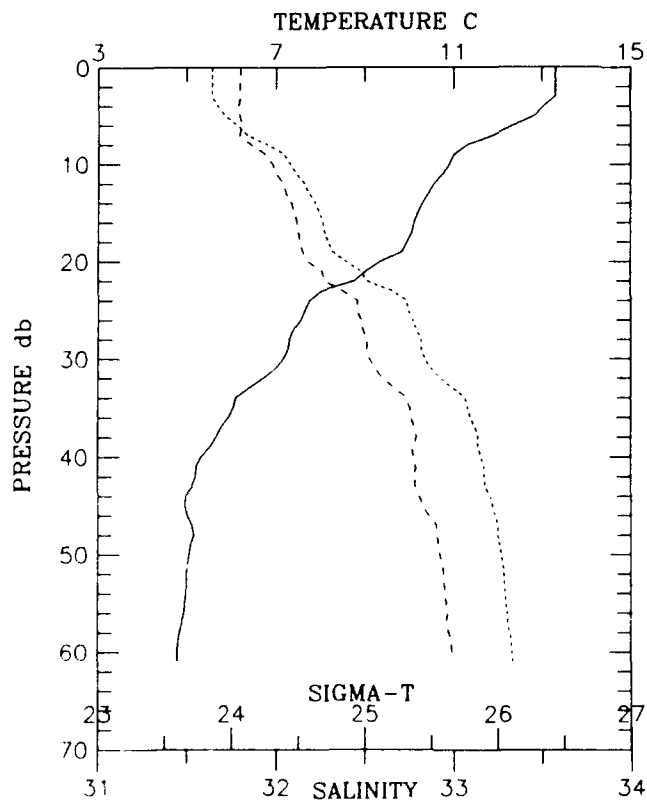
Cruise EN196 Consecutive Station # 132 Depth m:138 Time: 1989-06-02 21:24
 Position: 41° 24.03'N 68° 48.65'W Depth Deck Offset: -0.38 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 12.847	31.828	23.967	0.0000	0.000	5.5	78.2
5.0	12.661	31.823	23.999	0.0197	0.000	5.8	78.3
10.0	12.131	31.897	24.156	0.0388	0.000	6.4	77.3
15.0	11.748	31.949	24.267	0.0573	0.000	6.5	77.5
20.0	11.127	32.001	24.419	0.0751	0.000	8.5	76.2
25.0	9.976	32.094	24.688	0.0923	0.000	12.1	75.9
30.0	8.683	32.236	25.003	0.1081	0.000	13.7	75.8
35.0	7.425	32.476	25.374	0.1220	0.000	16.9	75.8
40.0	6.194	32.653	25.675	0.1342	0.000	7.7	81.0
45.0	5.721	32.656	25.734	0.1456	0.000	5.7	82.3
50.0	5.302	32.787	25.887	0.1566	0.000	2.8	83.1
55.0	5.068	32.848	25.962	0.1670	0.000	2.4	83.6
60.0	4.749	32.876	26.019	0.1770	0.000	2.1	83.6
61.0	4.772	32.881	26.021	0.1790	0.000	2.2	83.6



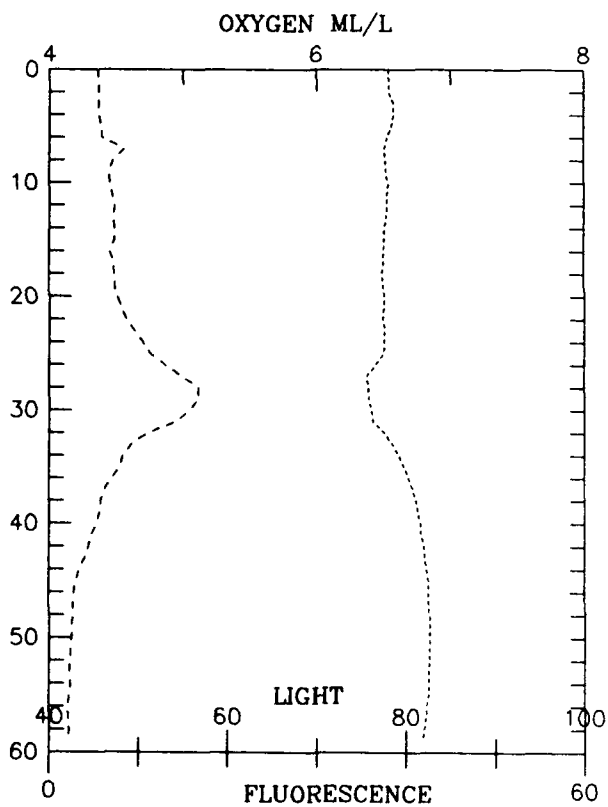
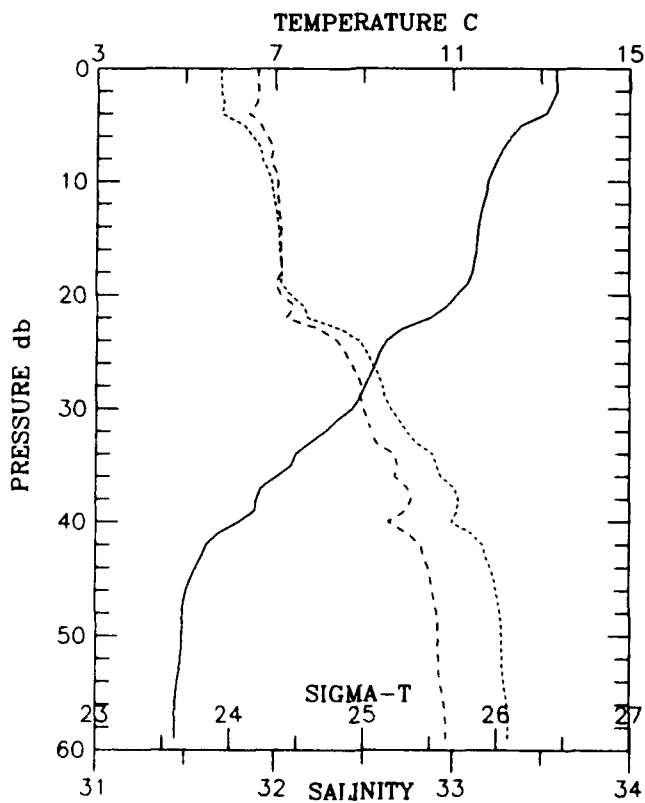
Cruise EN196 Consecutive Station # 133 Depth m:146 Time: 1989-06-02 22:06
 Position: 41° 26.38'N 68° 43.57'W Depth Deck Offset: -0.38 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.312	31.800	23.854	0.0000	0.000	5.4	77.9
5.0		12.816	31.795	23.947	0.0201	0.000	4.9	77.8
10.0		10.904	31.979	24.441	0.0387	0.000	7.7	76.5
15.0		10.191	32.103	24.659	0.0556	0.000	11.2	75.4
20.0		9.340	32.180	24.858	0.0717	0.000	13.2	75.3
25.0		7.647	32.455	25.326	0.0859	0.000	17.5	74.2
30.0		7.167	32.525	25.447	0.0988	0.000	13.9	77.5
35.0		6.036	32.753	25.773	0.1106	0.000	6.6	82.4
40.0		5.321	32.771	25.872	0.1214	0.000	3.4	83.3
45.0		4.944	32.825	25.957	0.1319	0.000	2.8	83.4
50.0		5.056	32.922	26.022	0.1419	0.000	2.2	83.6
55.0		4.959	32.957	26.060	0.1517	0.000	1.9	83.6
60.0		4.792	32.992	26.106	0.1613	0.000	1.8	83.6
61.0		4.794	32.995	26.109	0.1632	0.000	1.7	83.5



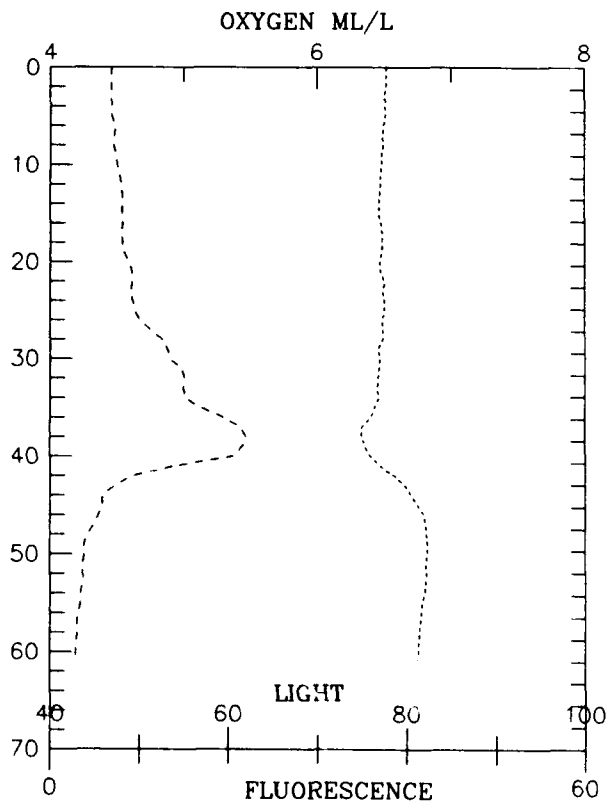
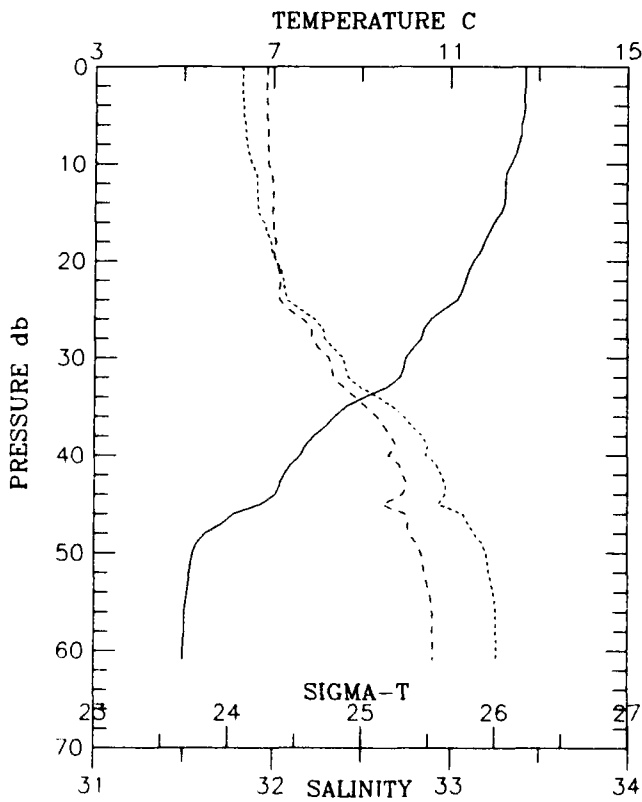
Cruise EN196 Consecutive Station # 134 Depth m:105 Time: 1989-06-02 23:17
 Position: 41° 23.93'N 68° 42.91'W Depth Deck Offset: -0.60 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.350	31.903	23.927	0.0000	0.000	5.5	78.1
5.0		12.550	31.920	24.095	0.0198	0.000	5.8	78.4
10.0		11.802	32.018	24.311	0.0383	0.000	6.8	78.0
15.0		11.561	32.033	24.367	0.0562	0.000	7.3	77.6
20.0		11.086	32.041	24.458	0.0739	0.000	7.6	77.5
25.0		9.362	32.398	25.025	0.0899	0.000	11.4	77.5
30.0		8.732	32.500	25.203	0.1042	0.000	15.7	76.1
35.0		7.379	32.692	25.550	0.1171	0.000	7.9	79.8
40.0		6.207	32.638	25.661	0.1288	0.000	5.3	81.6
45.0		5.121	32.881	25.982	0.1394	0.000	3.0	82.5
50.0		4.928	32.920	26.035	0.1493	0.000	2.5	82.6
55.0		4.806	32.947	26.069	0.1591	0.000	2.2	82.5
59.0		4.781	32.964	26.086	0.1668	0.000	2.1	81.8



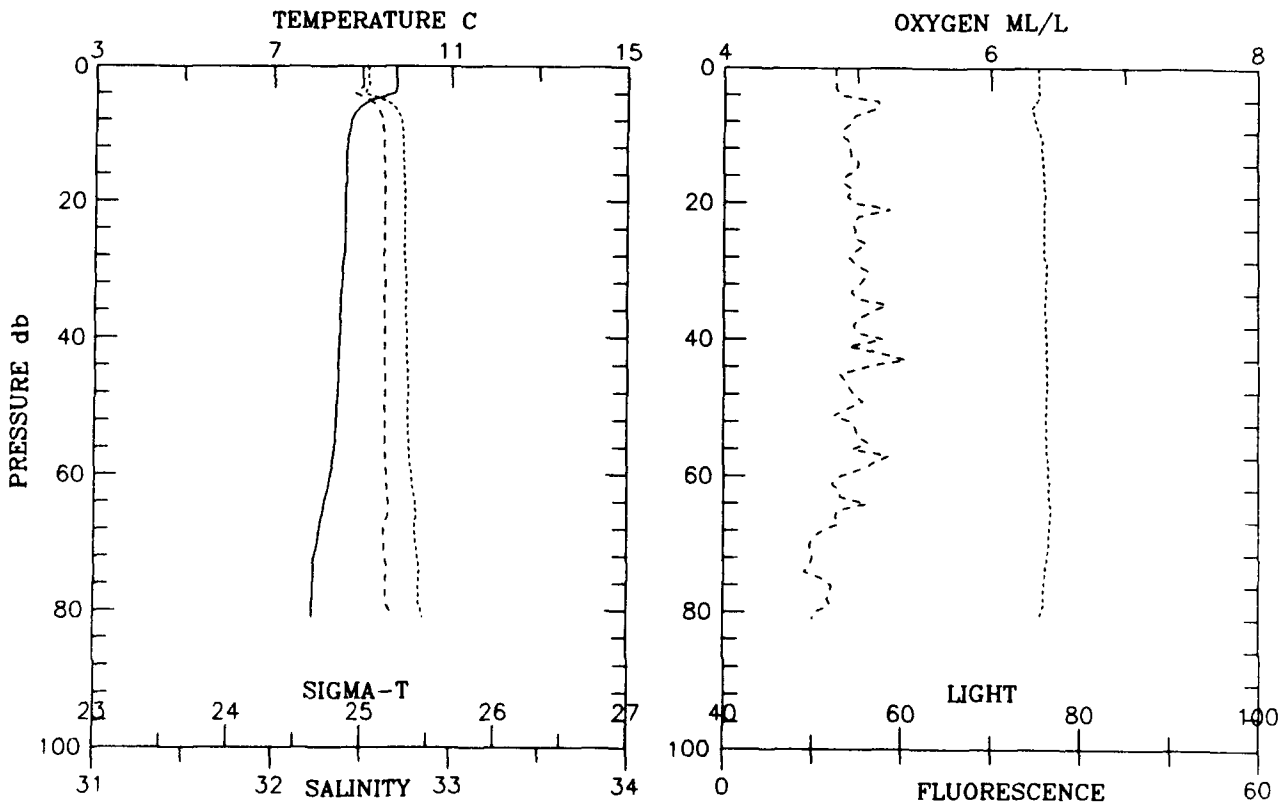
Cruise EN196 Consecutive Station # 135 Depth m:120 Time: 1989-06-03 00:32
 Position: 41° 22.70'N 68° 45.77'W Depth Deck Offset: -0.60 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	12.700	31.963	24.100	0.0000	0.000	6.9	77.7
5.0		12.651	31.962	24.108	0.0190	0.000	6.9	77.6
10.0		12.356	31.972	24.172	0.0379	0.000	7.5	77.2
15.0		12.155	31.996	24.229	0.0565	0.000	8.1	76.9
20.0		11.520	32.013	24.358	0.0746	0.000	8.9	77.0
25.0		10.847	32.090	24.537	0.0921	0.000	9.6	77.5
30.0		9.989	32.316	24.859	0.1083	0.000	13.4	77.0
35.0		8.648	32.525	25.235	0.1231	0.000	17.0	76.4
40.0		7.624	32.653	25.485	0.1360	0.000	20.5	75.9
45.0		6.735	32.615	25.576	0.1480	0.000	5.9	81.2
50.0		5.211	32.838	25.938	0.1589	0.000	3.8	82.3
55.0		5.051	32.892	25.999	0.1691	0.000	3.4	81.7
60.0		5.004	32.901	26.011	0.1790	0.000	2.9	81.3
61.0		4.990	32.905	26.016	0.1810	0.000	2.9	81.2



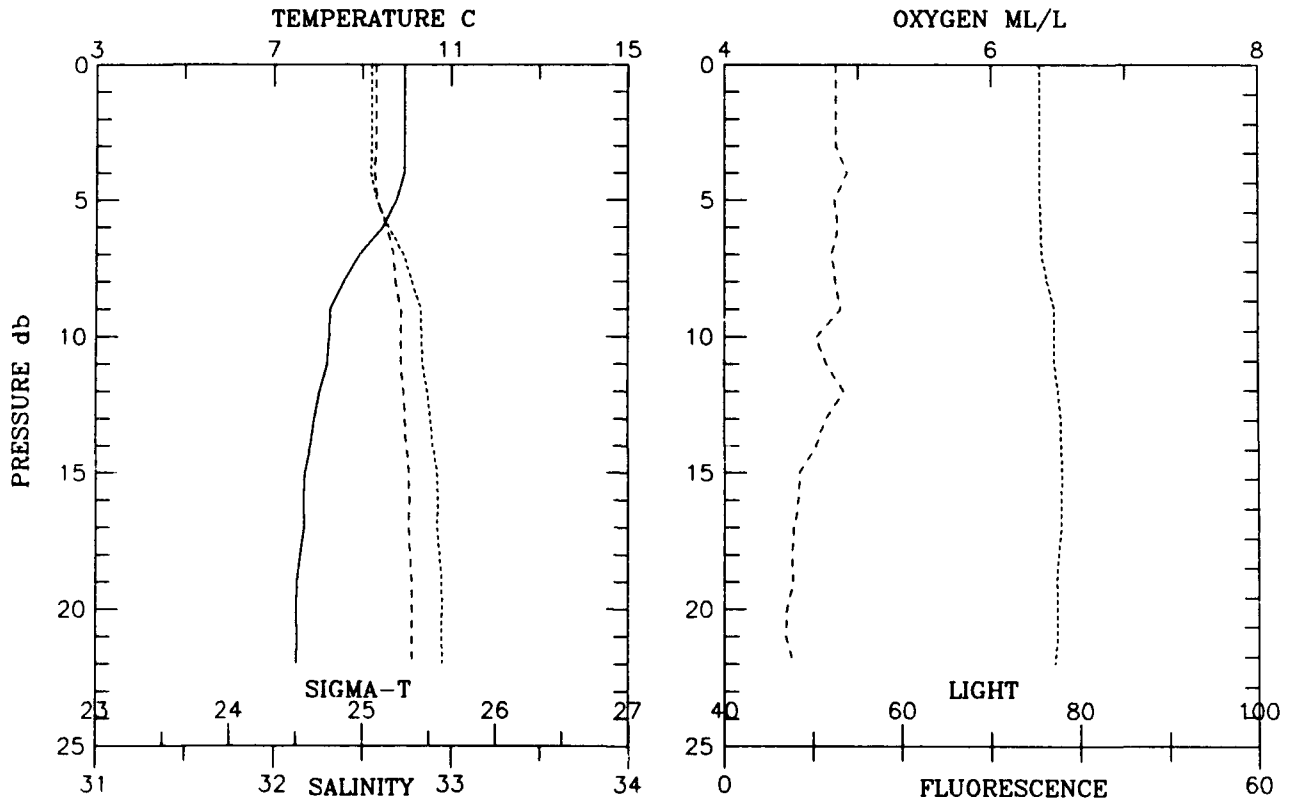
Cruise EN196 Consecutive Station # 136 Depth m:86 Time: 1989-06-03 03:04
 Position: 41° 23.00'N 68° 34.05'W Depth Deck Offset: -0.60 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 9.750	32.500	25.042	0.0000	0.000	12.6	75.3
5.0	9.154	32.539	25.168	0.0145	0.000	17.4	75.1
10.0	8.687	32.620	25.303	0.0280	0.000	13.3	75.6
15.0	8.650	32.626	25.314	0.0413	0.000	15.0	75.9
20.0	8.620	32.627	25.319	0.0546	0.000	14.7	76.0
25.0	8.618	32.627	25.319	0.0679	0.000	14.7	76.0
30.0	8.560	32.628	25.329	0.0811	0.000	16.1	76.2
35.0	8.534	32.629	25.334	0.0943	0.000	18.4	76.1
40.0	8.507	32.629	25.338	0.1075	0.000	17.9	76.2
45.0	8.476	32.631	25.344	0.1207	0.000	13.0	76.2
50.0	8.447	32.632	25.349	0.1338	0.000	14.1	76.3
55.0	8.411	32.634	25.356	0.1469	0.000	16.3	76.3
60.0	8.306	32.641	25.377	0.1600	0.000	13.1	76.4
65.0	8.159	32.654	25.409	0.1729	0.000	12.7	76.7
70.0	8.018	32.629	25.410	0.1858	0.000	9.7	76.5
75.0	7.923	32.639	25.432	0.1986	0.000	11.0	76.0
80.0	7.899	32.664	25.454	0.2114	0.000	10.2	75.6
81.0	7.899	32.678	25.465	0.2139	0.000	10.0	75.5



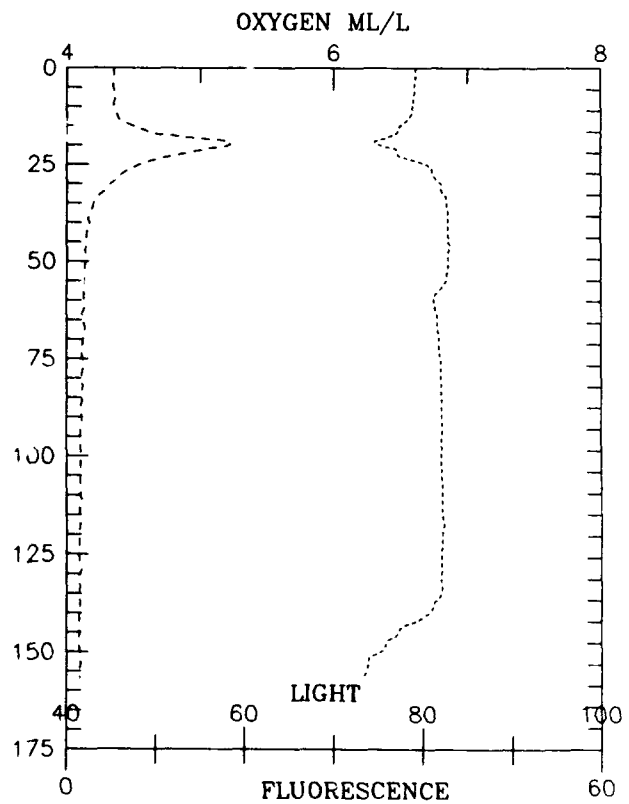
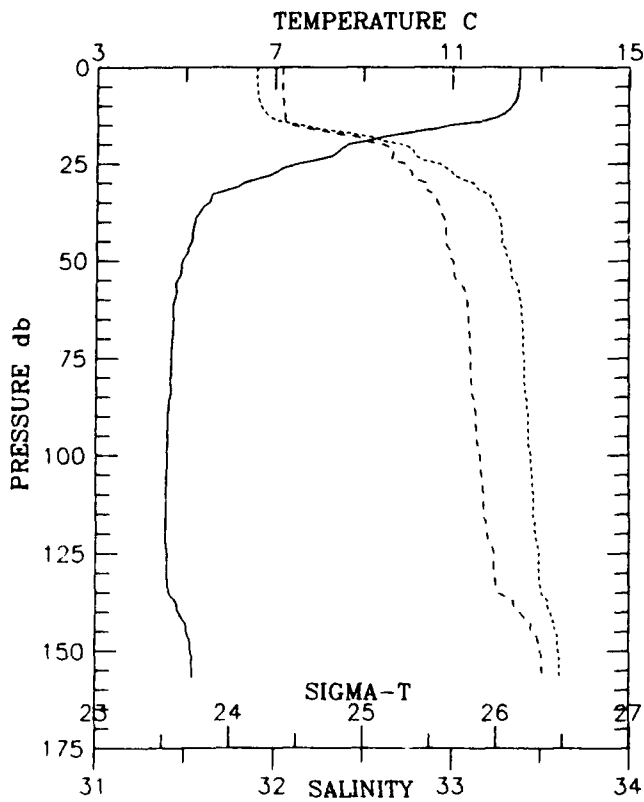
Cruise EN196 Consecutive Station # 137 Depth m:25 Time: 1989-06-03 06:25
 Position: 41° 38.97'N 68° 24.02'W Depth Deck Offset: -0.60 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%light)	CHANNELB (%light)
0.0	E	9.948	32.577	25.069	0.0000	14.434	12.6	75.5
2.0	E	9.948	32.576	25.069	0.0058	14.437	12.6	75.5
4.0		9.946	32.568	25.063	0.0116	14.439	13.8	75.5
6.0		9.459	32.635	25.195	0.0174	14.727	12.8	75.6
8.0		8.580	32.685	25.371	0.0228	15.010	12.5	76.3
10.0		8.253	32.717	25.444	0.0279	14.857	10.3	77.1
12.0		8.031	32.731	25.488	0.0330	14.820	13.4	77.5
14.0		7.827	32.747	25.530	0.0380	14.843	10.3	77.8
16.0		7.668	32.764	25.566	0.0429	14.659	8.3	77.8
18.0		7.596	32.770	25.581	0.0477	14.618	7.6	77.5
20.0		7.516	32.778	25.599	0.0526	14.520	7.0	77.4
22.0		7.507	32.780	25.601	0.0574	14.160	7.7	77.1



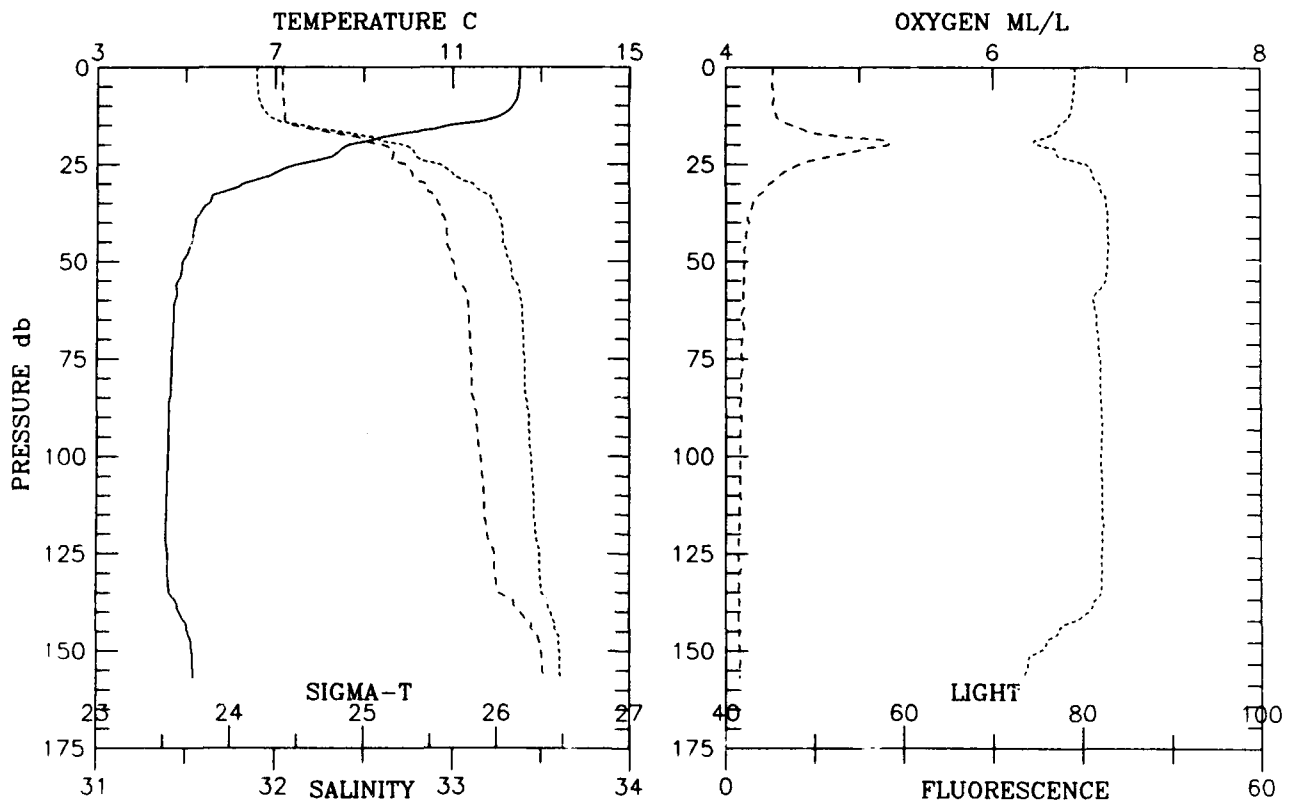
Cruise EM196 Consecutive Station # 138 Depth m:162 Time: 1989-06-03 08:56
 Position: 41° 39.31'N 68° 35.45'W Depth Deck Offset: -1.10 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)	
0.0	E	12.511	32.041	24.197	0.0000	12.721	5.3	79.2
10.0		12.366	32.047	24.228	0.0373	12.917	5.3	78.9
20.0		8.658	32.604	25.295	0.0707	14.607	18.4	75.1
30.0		6.293	32.857	25.823	0.0953	14.889	4.9	82.0
40.0		5.208	32.957	26.032	0.1161	14.394	2.6	82.8
50.0		4.930	33.004	26.101	0.1358	13.800	2.1	82.8
60.0		4.760	33.086	26.184	0.1548	13.447	1.9	81.2
70.0		4.711	33.100	26.201	0.1732	13.420	1.8	81.8
80.0		4.682	33.109	26.211	0.1916	13.258	1.7	82.0
90.0		4.615	33.137	26.240	0.2098	13.091	1.7	82.1
100.0		4.605	33.159	26.259	0.2277	13.122	1.6	82.0
110.0		4.579	33.179	26.278	0.2455	12.985	1.5	82.2
120.0		4.565	33.199	26.295	0.2632	12.950	1.4	82.2
130.0		4.608	33.243	26.326	0.2805	12.862	1.4	82.1
140.0		4.872	33.384	26.409	0.2975	12.613	1.4	80.6
150.0		5.143	33.502	26.471	0.3137	11.998	1.5	75.2
157.0		5.162	33.512	26.477	0.3248	11.732	1.5	73.6



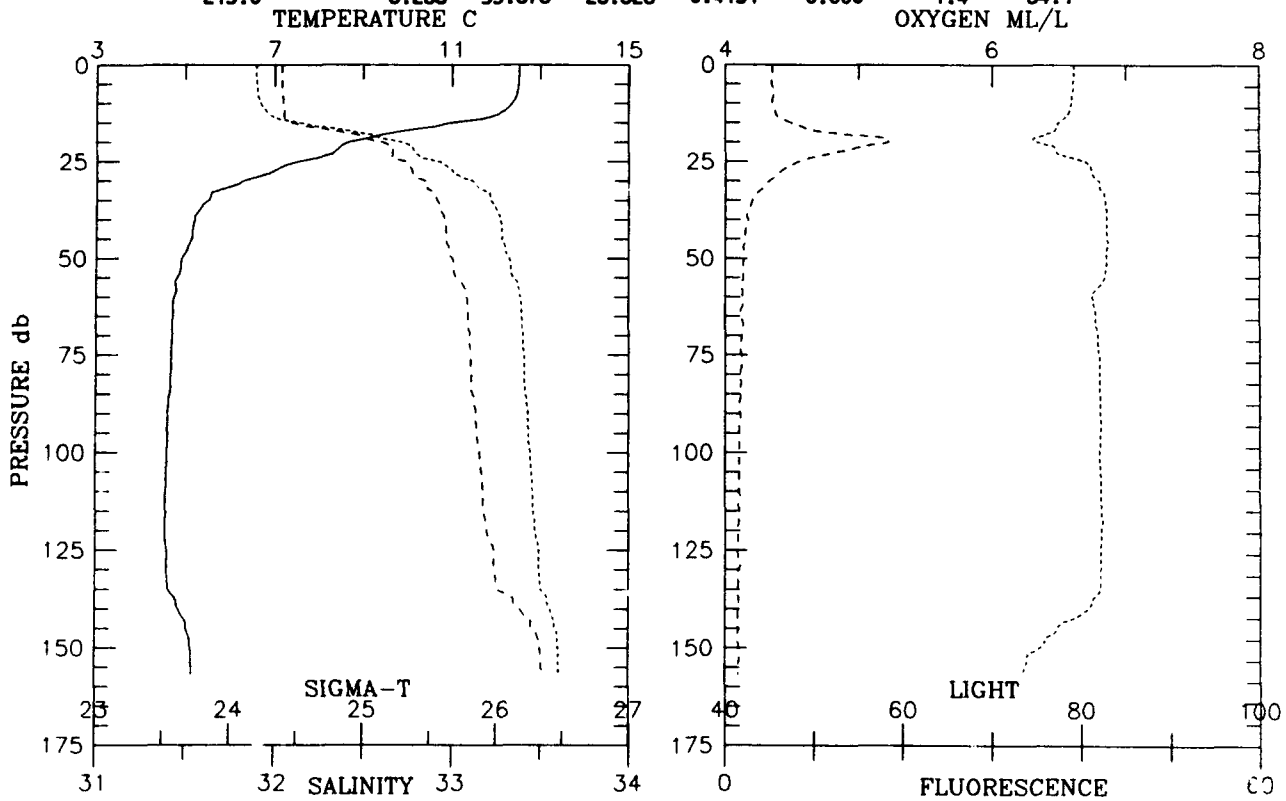
Cruise EN196 Consecutive Station # 141 Depth m:209 Time: 1989-06-04 22:04
 Position: 42° 2.77'N 69° 40.92'W Depth Deck Offset: -0.50 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	12.934	31.156	23.430	0.0000	0.000	8.8	75.8
10.0		9.825	31.932	24.586	0.0401	0.000	22.4	71.8
20.0		8.092	32.498	25.296	0.0688	0.000	11.8	78.2
30.0		6.892	32.864	25.751	0.0942	0.000	5.6	82.1
40.0		6.144	32.935	25.903	0.1157	0.000	3.1	83.1
50.0		5.669	33.030	26.036	0.1360	0.000	2.4	83.5
60.0		5.564	33.074	26.084	0.1554	0.000	2.3	83.5
70.0		5.060	33. 79	26.193	0.1741	0.000	1.6	83.5
80.0		4.813	33.165	26.241	0.1921	0.000	1.8	83.5
90.0		4.629	33.204	26.292	0.2096	0.000	2.3	83.3
100.0		4.574	33.267	26.348	0.2266	0.000	1.5	83.1
110.0		4.616	33.314	26.381	0.2432	0.000	1.2	82.9
120.0		4.702	33.361	26.409	0.2595	0.000	1.1	82.8
130.0		4.901	33.436	26.447	0.2756	0.000	1.1	82.8
140.0		5.021	33.472	26.462	0.2914	0.000	1.8	82.8
150.0		5.276	33.549	26.493	0.3070	0.000	1.1	82.1
160.0		5.431	33.600	26.516	0.3224	0.000	1.1	81.6
170.0		5.611	33.650	26.534	0.3376	0.000	1.1	79.7
180.0		5.806	33.723	26.568	0.3526	0.000	1.1	78.2
190.0		6.207	33.851	26.619	0.3672	0.000	1.3	73.0
200.0		6.252	33.866	26.625	0.3815	0.000	1.3	71.5
210.0		5.336	33.317	26.303	0.3964	0.000	7.9	67.0



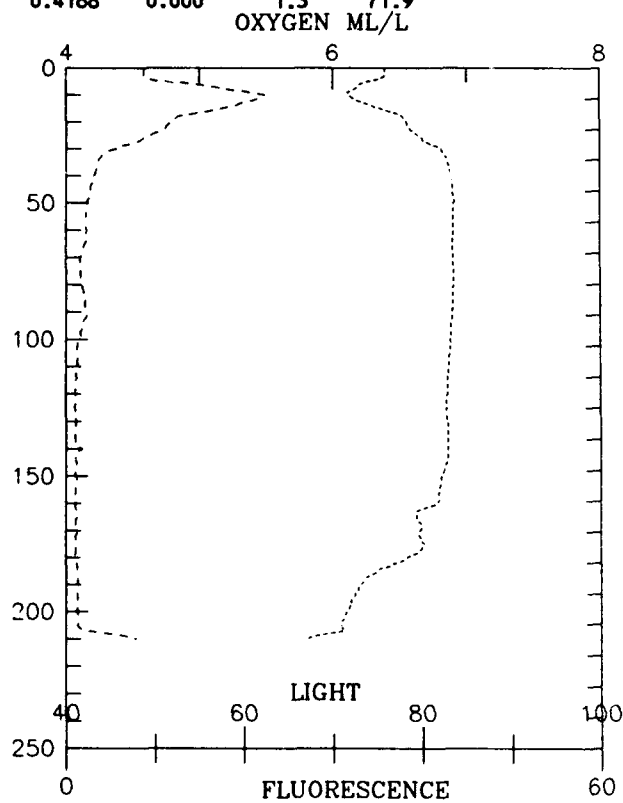
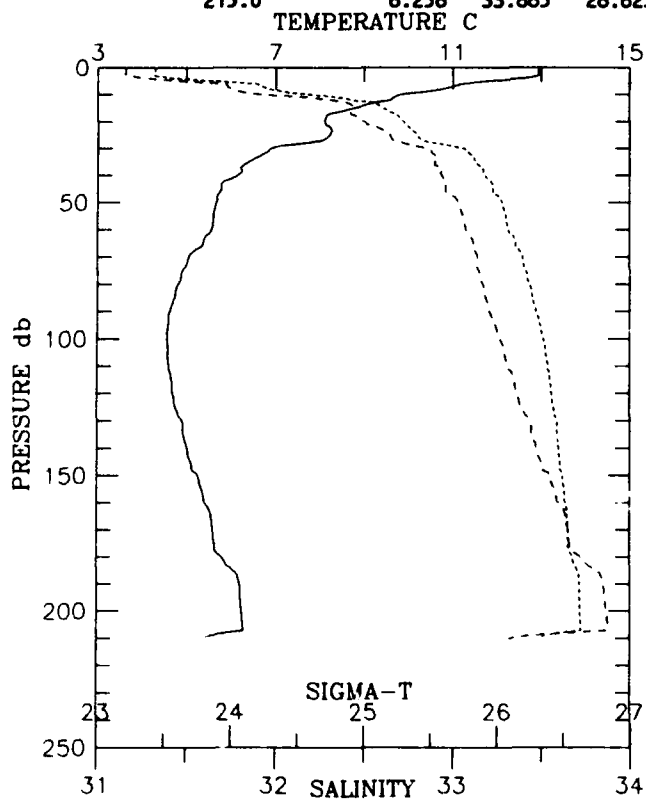
Cruise EN196 Consecutive Station # 142 Depth m:217 Time: 1989-06-05 00:57
 Position: 42° 2.81'N 69° 40.53'W Depth Deck Offset: -0.85 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.009	31.011	23.303	0.0000	0.000	9.0	76.3
10.0		12.516	31.299	23.621	0.0451	0.000	9.3	75.8
20.0		8.653	32.434	25.163	0.0798	0.000	18.4	76.2
30.0		8.154	32.632	25.392	0.1067	0.000	12.0	79.4
40.0		6.775	32.947	25.832	0.1307	0.000	3.8	82.6
50.0		5.738	33.029	26.027	0.1512	0.000	2.4	83.4
60.0		5.250	33.112	26.150	0.1705	0.000	2.0	83.4
70.0		4.988	33.132	26.196	0.1888	0.000	1.7	83.4
80.0		4.756	33.182	26.261	0.2066	0.000	2.2	83.3
90.0		4.578	33.231	26.319	0.2238	0.000	1.7	83.3
100.0		4.586	33.285	26.361	0.2406	0.000	1.3	83.0
110.0		4.629	33.317	26.382	0.2572	0.000	1.1	82.9
120.0		4.691	33.353	26.404	0.2735	0.000	1.0	82.8
130.0		4.886	33.430	26.443	0.2896	0.000	1.1	82.8
140.0		5.070	33.487	26.468	0.3053	0.000	1.0	82.8
150.0		5.239	33.540	26.491	0.3209	0.000	1.0	82.8
160.0		5.647	33.667	26.543	0.3362	0.000	1.1	80.5
170.0		5.876	33.736	26.569	0.3511	0.000	1.2	79.6
180.0		6.057	33.799	26.597	0.3658	0.000	1.1	79.3
190.0		6.222	33.853	26.618	0.3802	0.000	1.2	77.6
200.0		6.258	33.868	26.625	0.3945	0.000	1.2	76.0
210.0		6.282	33.875	26.628	0.4088	0.000	1.4	67.7
213.0		6.288	33.876	26.628	0.4131	0.000	1.4	64.1



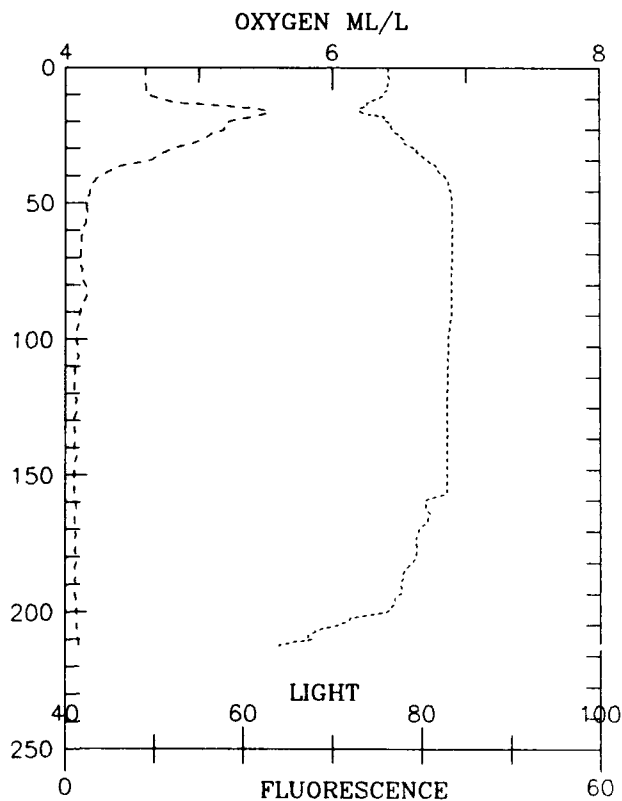
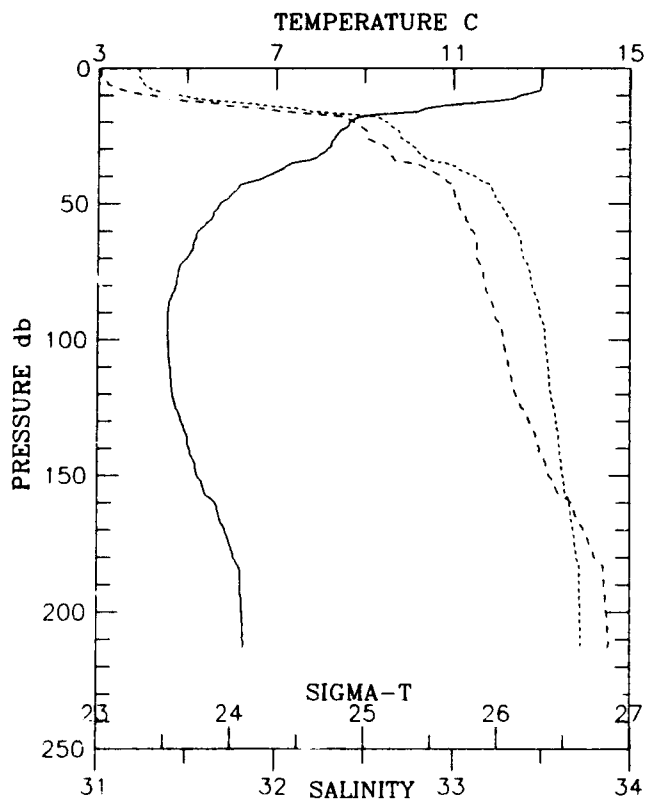
Cruise EN196 Consecutive Station # 143 Depth m:218 Time: 1989-06-05 04:04
 Position: 42° 2.81'N 69° 40.51'W Depth Deck Offset: -0.85 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 13.163	31.034	23.292	0.0000	0.000	7.9	77.0
10.0	11.881	31.532	23.919	0.0444	0.000	10.7	74.8
20.0	9.437	32.478	25.075	0.0767	0.000	22.1	74.5
30.0	7.780	32.637	25.450	0.1037	0.000	10.7	79.6
40.0	6.808	32.907	25.796	0.1276	0.000	4.9	82.1
50.0	6.026	33.019	25.984	0.1489	0.000	2.7	83.2
60.0	5.550	33.071	26.083	0.1687	0.000	2.1	83.4
70.0	5.048	33.133	26.190	0.1874	0.000	1.8	83.4
80.0	4.812	33.165	26.242	0.2053	0.000	1.6	83.4
90.0	4.628	33.195	26.285	0.2229	0.000	1.4	83.3
100.0	4.577	33.212	26.304	0.2400	0.000	1.6	83.2
110.0	4.573	33.260	26.343	0.2571	0.000	1.5	83.2
120.0	4.619	33.313	26.380	0.2737	0.000	1.3	83.0
130.0	4.792	33.404	26.433	0.2900	0.000	1.1	82.8
140.0	4.974	33.455	26.454	0.3059	0.000	0.9	82.9
150.0	5.348	33.570	26.502	0.3215	0.000	1.2	82.9
160.0	5.755	33.701	26.557	0.3367	0.000	1.1	82.3
170.0	5.896	33.741	26.571	0.3515	0.000	1.1	81.1
180.0	6.059	33.796	26.594	0.3662	0.000	1.3	79.1
190.0	6.099	33.810	26.600	0.3807	0.000	1.2	77.5
200.0	6.168	33.834	26.610	0.3952	0.000	1.3	75.2
210.0	6.234	33.858	26.621	0.4096	0.000	1.3	73.1
215.0	6.256	33.865	26.623	0.4168	0.000	1.3	71.9



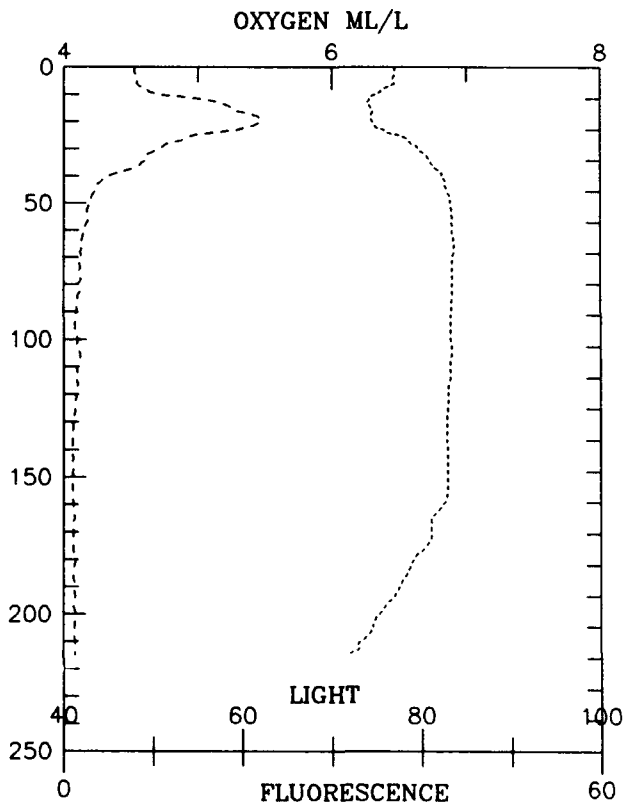
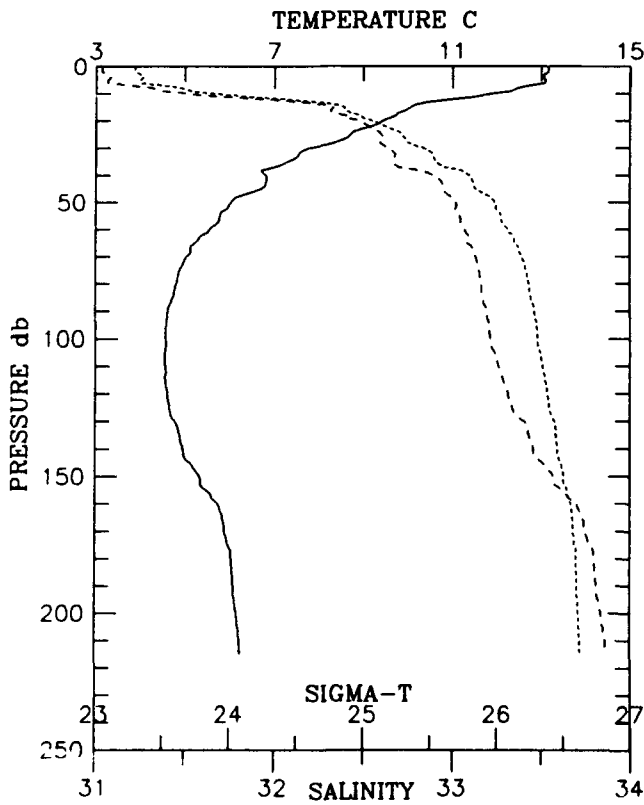
Cruise EN196 Consecutive Station # 144 Depth m:216 Time: 1989-06-05 07:09
 Position: 42° 2.60'N 69° 40.57'W Depth Deck Offset: -0.85 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 13.294	30.920	23.178	0.0000	0.000	7.6	76.5
10.0	12.272	31.125	23.532	0.0462	0.000	10.6	75.3
20.0	10.292	32.296	24.793	0.0823	0.000	19.7	74.4
30.0	7.963	32.838	25.582	0.1091	0.000	5.8	81.2
40.0	6.273	32.986	25.927	0.1314	0.000	3.1	82.9
50.0	5.647	33.015	26.027	0.1517	0.000	2.4	83.4
60.0	5.396	33.054	26.088	0.1711	0.000	2.1	83.6
70.0	5.087	33.118	26.174	0.1898	0.000	1.8	83.6
80.0	4.903	33.145	26.216	0.2080	0.000	1.7	83.5
90.0	4.676	33.196	26.281	0.2258	0.000	1.7	83.5
100.0	4.559	33.256	26.341	0.2428	0.000	1.4	83.2
110.0	4.570	33.293	26.369	0.2595	0.000	1.3	83.1
120.0	4.657	33.331	26.390	0.2760	0.000	1.1	82.7
130.0	4.752	33.384	26.422	0.2923	0.000	1.1	82.7
140.0	4.887	33.429	26.443	0.3083	0.000	1.1	82.7
150.0	5.130	33.504	26.475	0.3240	0.000	1.0	82.8
160.0	5.529	33.625	26.524	0.3394	0.000	1.0	82.7
170.0	5.911	33.748	26.575	0.3544	0.000	1.0	81.6
180.0	6.003	33.777	26.586	0.3691	0.000	1.1	79.4
190.0	6.023	33.785	26.590	0.3838	0.000	1.1	78.6
200.0	6.227	33.861	26.624	0.3983	0.000	1.2	75.4
210.0	6.339	33.894	26.636	0.4126	0.000	1.4	67.4



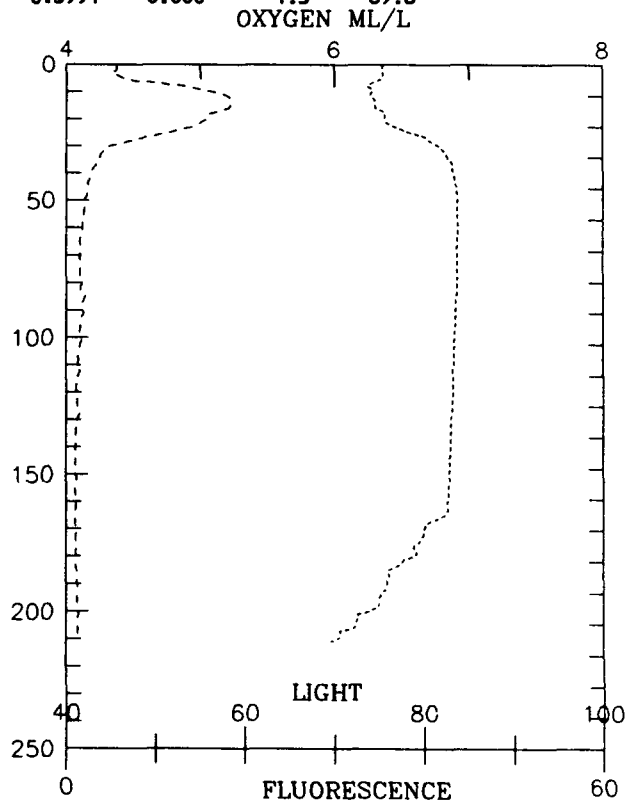
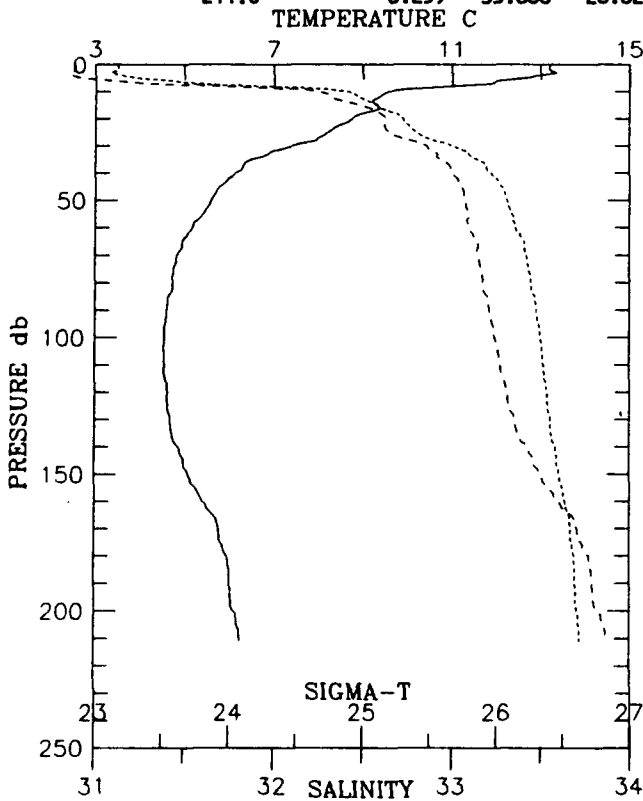
Cruise EN196 Consecutive Station # 145 Depth m:212 Time: 1989-06-05 10:03
 Position: 42° 2.71'N 69° 40.76'W Depth Deck Offset: -0.85 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 13.484	30.859	23.093	0.0000	0.000	7.8	76.1
10.0	12.228	31.188	23.589	0.0463	0.000	9.7	75.5
20.0	9.198	32.618	25.223	0.0782	0.000	15.0	75.4
30.0	6.786	32.935	25.821	0.1026	0.000	3.5	82.6
40.0	6.191	33.003	25.951	0.1236	0.000	2.8	83.1
50.0	5.851	33.032	26.016	0.1437	0.000	2.3	83.3
60.0	5.275	33.095	26.134	0.1631	0.000	1.8	83.6
70.0	5.012	33.132	26.193	0.1814	0.000	1.6	83.6
80.0	4.819	33.158	26.235	0.1994	0.000	1.6	83.5
90.0	4.780	33.167	26.247	0.2172	0.000	1.7	83.5
100.0	4.585	33.226	26.315	0.2346	0.000	1.7	83.2
110.0	4.559	33.260	26.344	0.2515	0.000	1.5	83.2
120.0	4.623	33.320	26.385	0.2681	0.000	1.1	82.7
130.0	4.768	33.392	26.426	0.2843	0.000	1.0	83.0
140.0	4.928	33.444	26.450	0.3003	0.000	1.0	82.9
150.0	5.178	33.525	26.486	0.3159	0.000	1.0	82.9
160.0	5.523	33.622	26.522	0.3313	0.000	1.0	82.8
170.0	5.711	33.678	26.544	0.3464	0.000	1.0	82.8
180.0	5.953	33.765	26.583	0.3612	0.000	1.1	79.1
190.0	6.128	33.822	26.606	0.3757	0.000	1.3	77.8
200.0	6.168	33.835	26.611	0.3902	0.000	1.3	72.9
208.0	6.213	33.856	26.622	0.4018	0.000	1.3	71.2



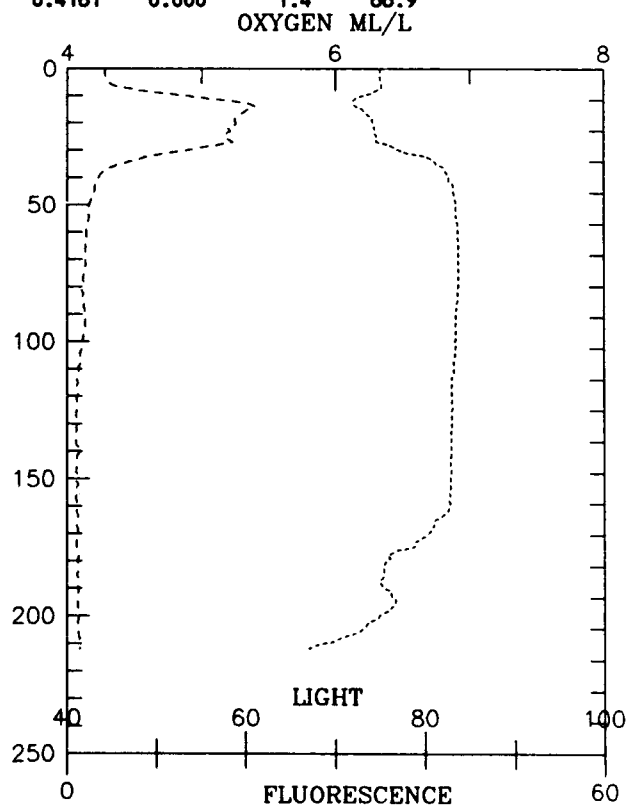
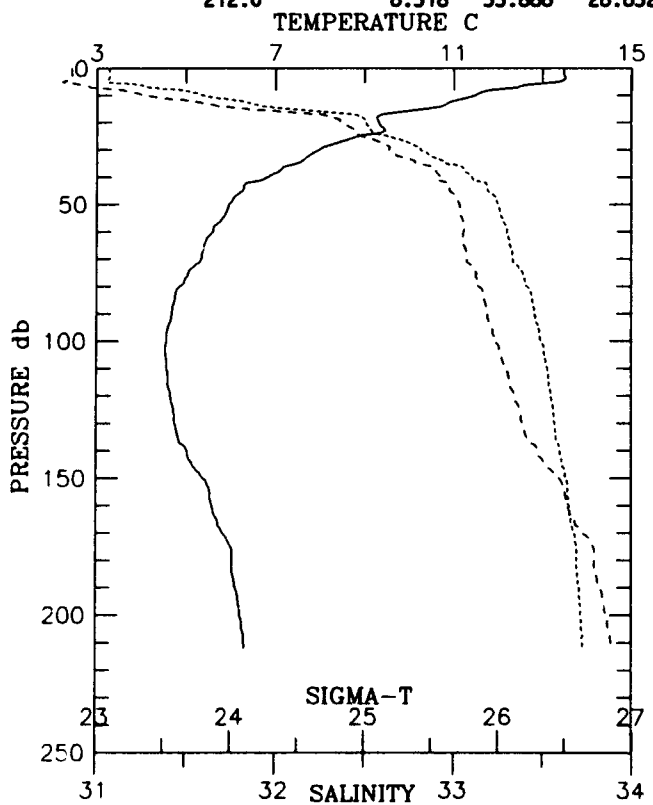
Cruise EN196 Consecutive Station # 146 Depth m:215 Time: 1989-06-05 13:01
 Position: 42° 2.77'N 69° 40.56'W Depth Deck Offset: -0.85 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.199	30.889	23.172	0.0000	0.000	5.6	75.4
10.0		9.562	32.261	24.886	0.0426	0.000	16.4	74.2
20.0		8.747	32.626	25.299	0.0711	0.000	15.6	75.6
30.0		7.408	32.861	25.679	0.0966	0.000	4.8	81.7
40.0		6.141	33.010	25.963	0.1180	0.000	2.8	83.3
50.0		5.590	33.075	26.081	0.1377	0.000	2.0	83.7
60.0		5.191	33.094	26.143	0.1567	0.000	1.8	83.8
70.0		4.840	33.152	26.228	0.1748	0.000	1.6	83.7
80.0		4.740	33.175	26.257	0.1925	0.000	1.8	83.6
90.0		4.611	33.210	26.299	0.2099	0.000	1.8	83.5
100.0		4.560	33.241	26.329	0.2270	0.000	1.6	83.4
110.0		4.569	33.273	26.354	0.2438	0.000	1.3	83.3
120.0		4.626	33.314	26.380	0.2604	0.000	1.2	83.2
130.0		4.694	33.354	26.404	0.2767	0.000	1.2	83.0
140.0		4.881	33.431	26.445	0.2929	0.000	1.1	83.0
150.0		5.097	33.496	26.472	0.3087	0.000	1.0	82.8
160.0		5.420	33.599	26.516	0.3241	0.000	1.1	82.5
170.0		5.776	33.703	26.556	0.3392	0.000	1.1	80.0
180.0		5.973	33.773	26.587	0.3540	0.000	1.2	78.7
190.0		6.030	33.788	26.591	0.3686	0.000	1.3	75.8
200.0		6.111	33.819	26.606	0.3832	0.000	1.3	73.8
210.0		6.255	33.866	26.624	0.3976	0.000	1.3	70.3
211.0		6.259	33.868	26.625	0.3991	0.000	1.3	69.6



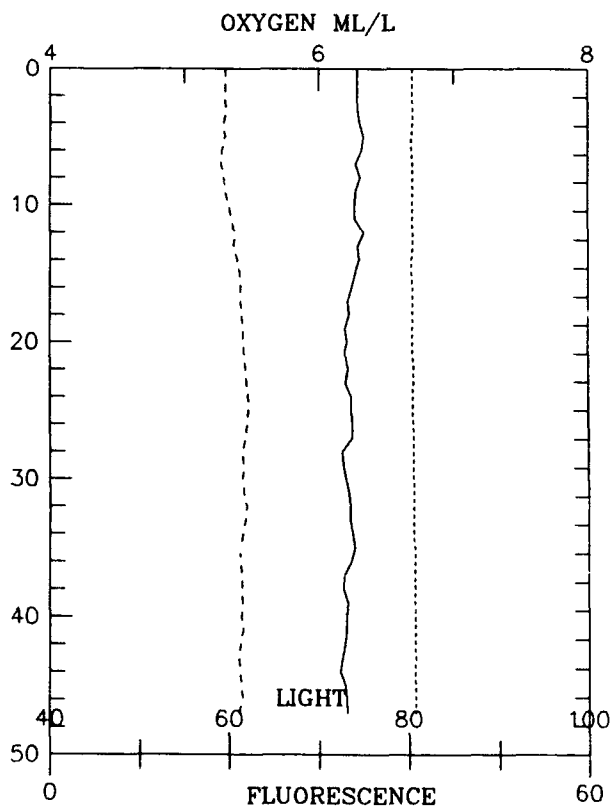
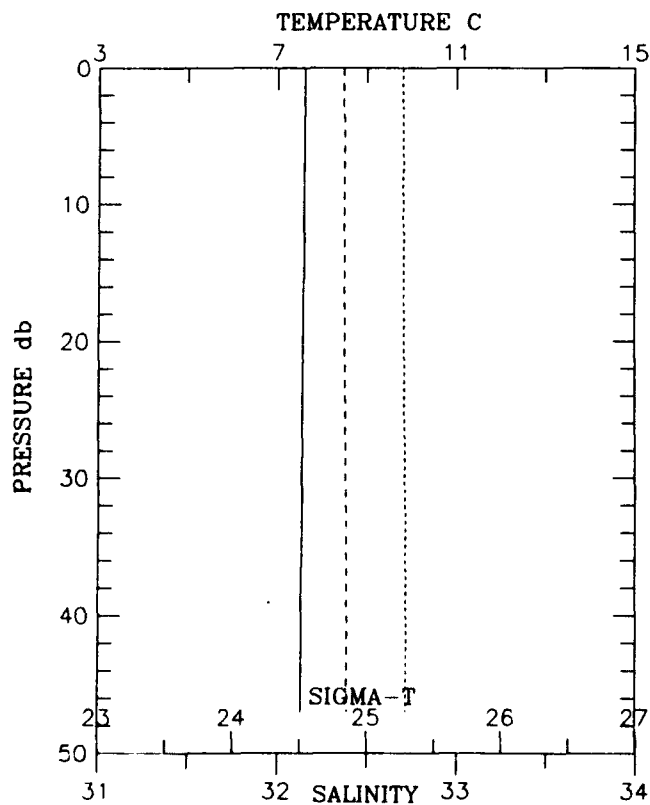
Cruise EN196 Consecutive Station # 147 Depth m:216 Time: 1989-06-05 15:33
 Position: 42° 2.78'N 69° 40.48'W Depth Deck Offset: -0.85 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.474	30.859	23.095	0.0000	0.000	4.2	75.0
10.0		11.480	31.275	23.792	0.0458	0.000	13.5	73.0
20.0		9.313	32.364	25.006	0.0802	0.000	18.9	74.2
30.0		7.988	32.633	25.417	0.1080	0.000	13.3	77.1
40.0		6.831	32.924	25.806	0.1315	0.000	3.5	82.6
50.0		5.956	33.034	26.005	0.1523	0.000	2.4	83.4
60.0		5.601	33.058	26.067	0.1720	0.000	2.1	83.6
70.0		5.342	33.075	26.111	0.1911	0.000	2.0	83.7
80.0		4.860	33.141	26.217	0.2095	0.000	1.7	83.7
90.0		4.684	33.191	26.276	0.2271	0.000	2.0	83.4
100.0		4.571	33.227	26.317	0.2444	0.000	1.8	83.3
110.0		4.576	33.294	26.370	0.2611	0.000	1.3	83.2
120.0		4.666	33.342	26.398	0.2775	0.000	1.1	83.0
130.0		4.766	33.389	26.424	0.2937	0.000	1.1	83.0
140.0		5.034	33.474	26.462	0.3096	0.000	1.6	82.9
150.0		5.392	33.593	26.515	0.3252	0.000	1.0	82.8
160.0		5.591	33.643	26.531	0.3403	0.000	1.1	82.7
170.0		5.833	33.725	26.566	0.3553	0.000	1.2	80.3
180.0		6.043	33.790	26.591	0.3700	0.000	1.2	75.7
190.0		6.121	33.822	26.607	0.3845	0.000	1.2	75.4
200.0		6.224	33.855	26.620	0.3989	0.000	1.3	74.9
210.0		6.312	33.885	26.632	0.4132	0.000	1.3	68.7
212.0		6.318	33.886	26.632	0.4161	0.000	1.4	66.9



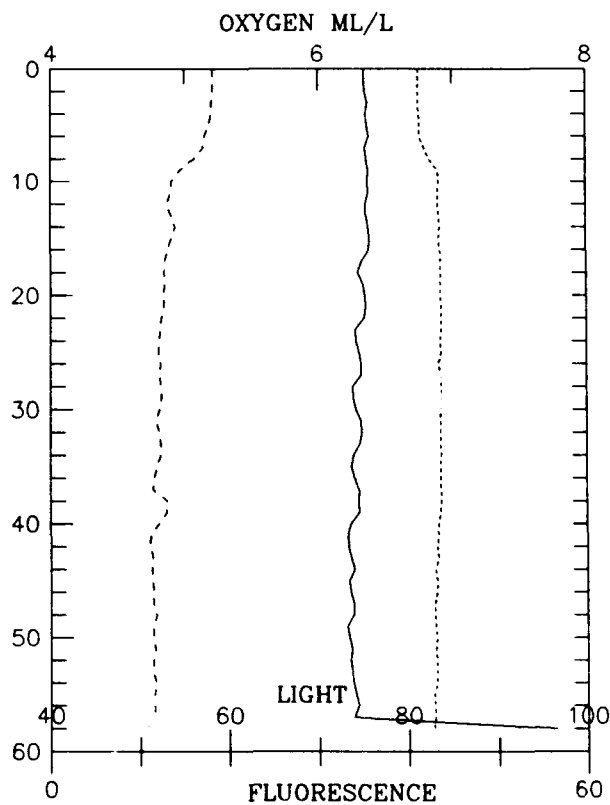
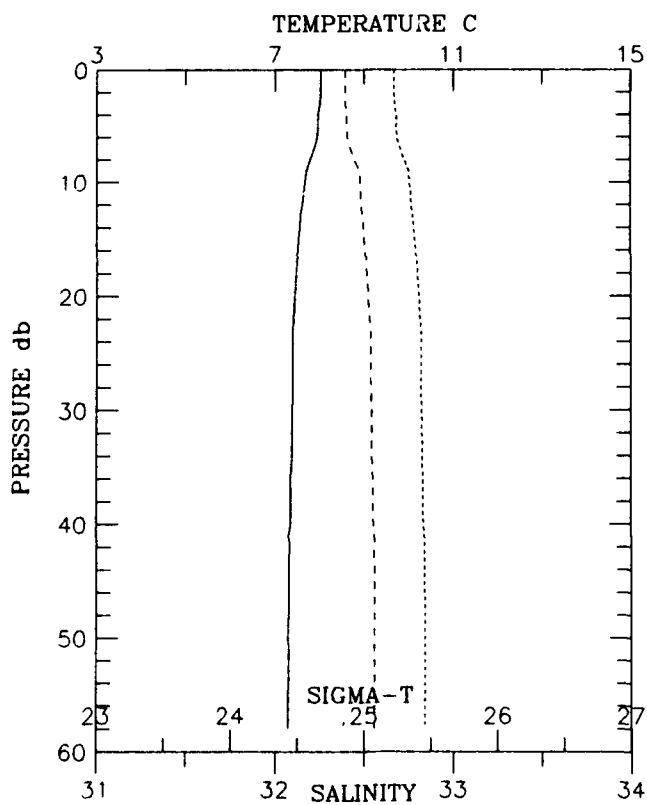
Cruise EN196 Consecutive Station # 149 Depth m:49 Time: 1989-06-08 02:13
 Position: 41° 0.10'N 69° 18.70'W Depth Deck Offset: -0.23 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	7.594	32.370	25.267	0.0000	6.286	19.6	80.4
5.0		7.591	32.371	25.268	0.0133	6.328	19.5	80.3
10.0		7.585	32.372	25.270	0.0266	6.266	20.0	80.4
15.0		7.584	32.371	25.269	0.0398	6.267	21.2	80.3
20.0		7.564	32.375	25.275	0.0531	6.211	21.6	80.4
25.0		7.556	32.378	25.278	0.0664	6.239	22.2	80.4
30.0		7.548	32.380	25.281	0.0796	6.199	21.5	80.5
35.0		7.541	32.384	25.285	0.0928	6.262	21.2	80.6
40.0		7.533	32.385	25.287	0.1060	6.202	21.3	80.6
45.0		7.525	32.388	25.290	0.1192	6.193	21.3	80.7
47.0		7.522	32.389	25.292	0.1245	6.210	21.1	80.7



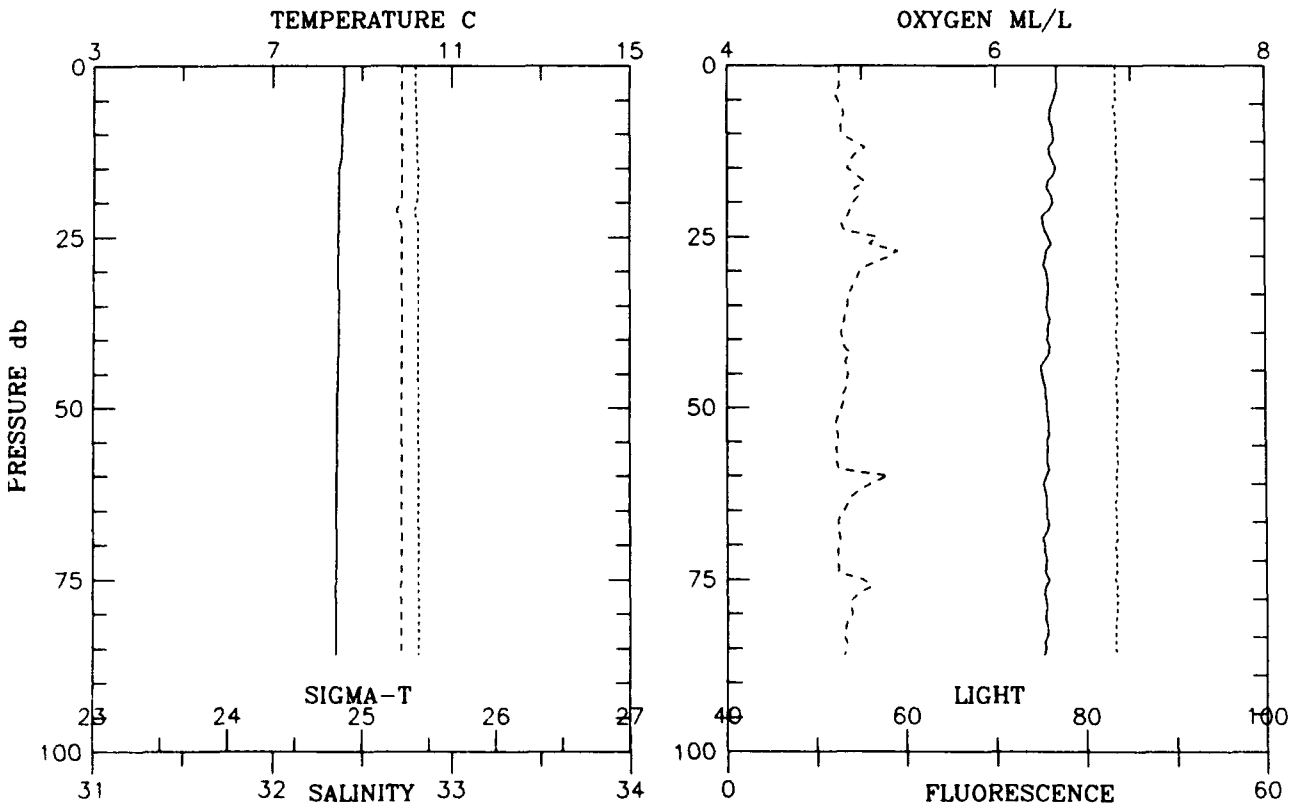
Cruise EN196 Consecutive Station # 150 Depth m:54 Time: 1989-06-08 03:29
 Position: 40° 59.90'N 69° 10.60'W Depth Deck Offset: -0.23 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	8.024	32.394	25.224	0.0000	6.347	18.2	81.2
5.0		7.968	32.402	25.239	0.0135	6.366	17.8	81.4
10.0		7.674	32.478	25.340	0.0267	6.370	13.6	83.5
15.0		7.521	32.501	25.380	0.0395	6.382	13.6	83.5
20.0		7.438	32.522	25.408	0.0522	6.347	12.7	83.6
25.0		7.394	32.535	25.424	0.0648	6.301	12.1	83.7
30.0		7.384	32.542	25.431	0.0773	6.279	12.2	83.6
35.0		7.368	32.547	25.437	0.0898	6.243	11.9	83.6
40.0		7.347	32.552	25.444	0.1023	6.240	12.1	83.4
45.0		7.311	32.557	25.453	0.1147	6.224	11.4	83.2
50.0		7.300	32.559	25.456	0.1271	6.222	11.5	83.1
55.0		7.299	32.559	25.456	0.1396	6.272	11.6	82.8
58.0		7.299	32.559	25.456	0.1470	7.764	10.6	82.8



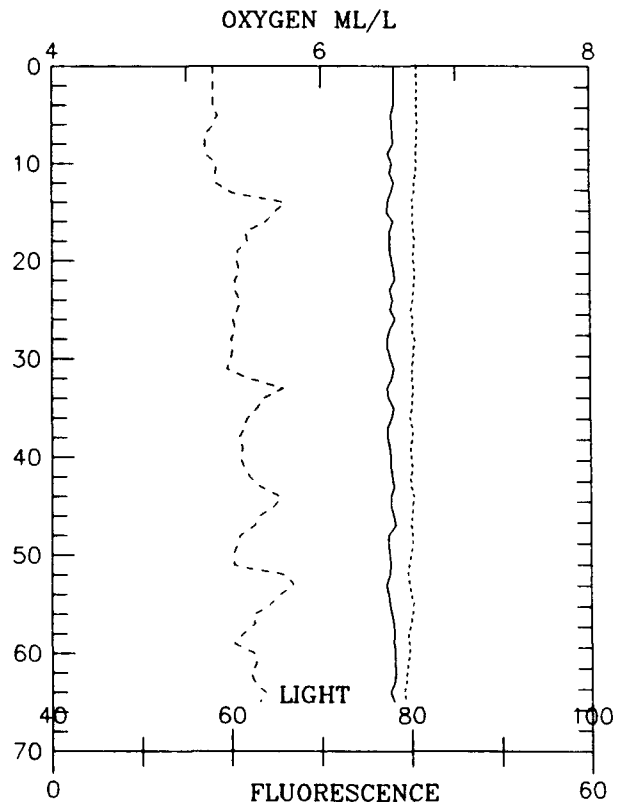
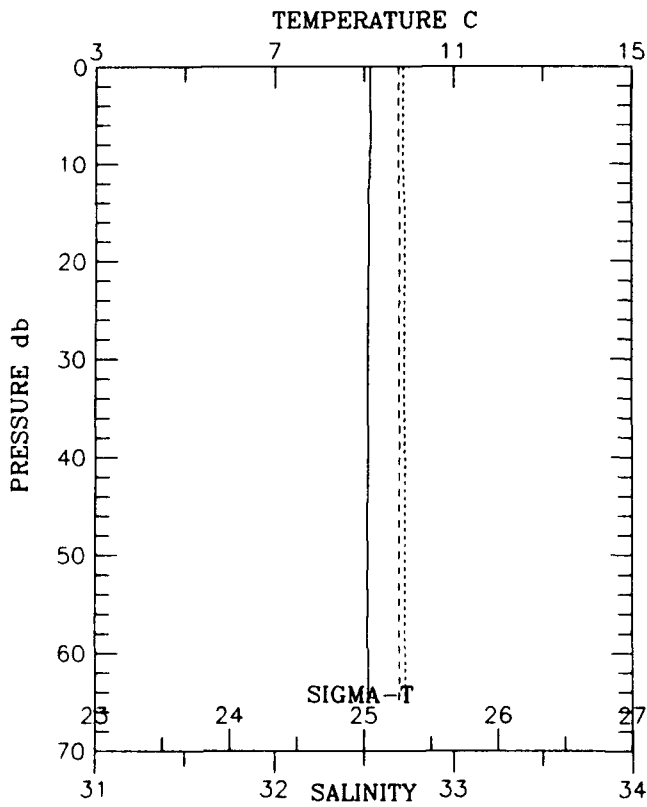
Cruise EN196 Consecutive Station # 151 Depth m:89 Time: 1989-06-08 05:49
 Position: 41° 0.00'N 69° 0.40'W Depth Deck Offset: -0.23 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	8.587	32.722	25.399	0.0000	6.452	12.6	83.3
5.0		8.579	32.722	25.400	0.0127	6.432	12.4	83.4
10.0		8.546	32.723	25.406	0.0253	6.424	12.8	83.4
15.0		8.479	32.723	25.416	0.0379	6.443	13.4	83.5
20.0		8.476	32.714	25.409	0.0505	6.422	14.1	83.5
25.0		8.465	32.722	25.417	0.0632	6.390	16.8	83.4
30.0		8.460	32.722	25.418	0.0758	6.377	14.8	83.5
35.0		8.479	32.723	25.416	0.0884	6.374	13.4	83.5
40.0		8.476	32.723	25.416	0.1010	6.379	12.9	83.4
45.0		8.457	32.722	25.418	0.1136	6.341	13.5	83.4
50.0		8.450	32.722	25.419	0.1262	6.376	12.8	83.5
55.0		8.441	32.721	25.420	0.1388	6.374	12.4	83.4
60.0		8.433	32.721	25.421	0.1514	6.369	18.0	83.3
65.0		8.425	32.720	25.421	0.1640	6.373	13.1	83.3
70.0		8.422	32.720	25.422	0.1766	6.353	12.4	83.2
75.0		8.422	32.720	25.422	0.1892	6.387	15.2	83.2
80.0		8.414	32.719	25.422	0.2018	6.360	13.9	83.3
85.0		8.411	32.719	25.423	0.2145	6.362	13.3	83.2
86.0		8.412	32.719	25.422	0.2170	6.352	13.0	83.3



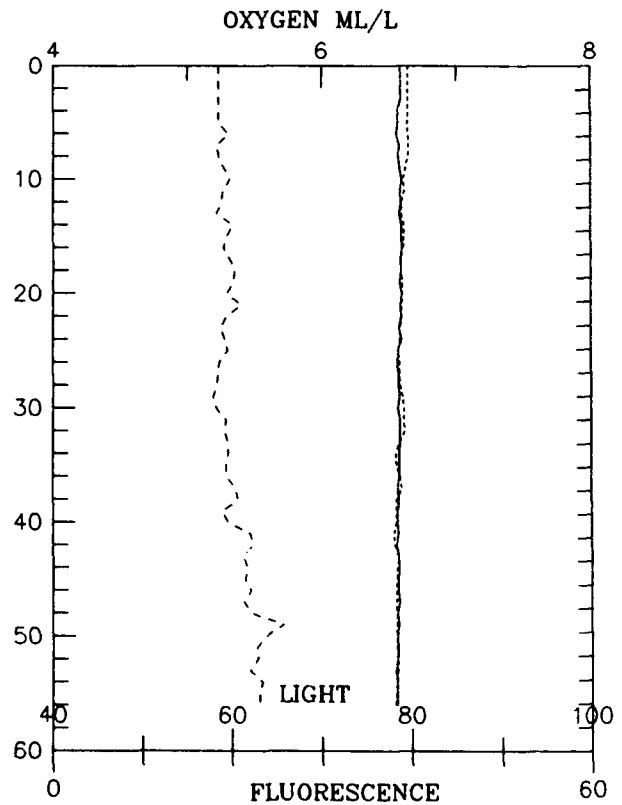
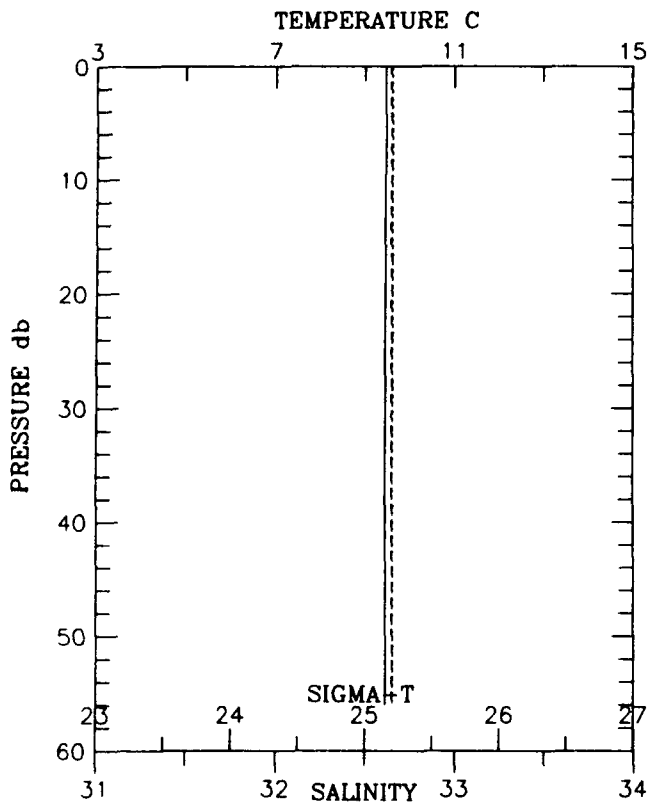
Cruise EN196 Consecutive Station # 152 Depth m:64 Time: 1989-06-08 08:15
 Position: 41° 0.00'N 68° 48.30'W Depth Deck Offset: -0.23 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.135	32.693	25.291	0.0000	6.542	18.0	80.7
5.0		9.140	32.692	25.290	0.0132	6.524	18.5	80.7
10.0		9.130	32.693	25.292	0.0264	6.528	18.4	80.7
15.0		9.102	32.695	25.298	0.0395	6.489	24.8	80.2
20.0		9.098	32.695	25.299	0.0527	6.524	20.6	80.3
25.0		9.090	32.691	25.297	0.0658	6.514	20.7	80.0
30.0		9.089	32.696	25.301	0.0790	6.516	20.0	80.2
35.0		9.086	32.696	25.301	0.0922	6.538	22.9	80.1
40.0		9.083	32.696	25.302	0.1053	6.516	21.0	80.0
45.0		9.074	32.697	25.304	0.1185	6.516	24.7	80.1
50.0		9.079	32.697	25.303	0.1316	6.504	20.2	79.9
55.0		9.080	32.697	25.303	0.1448	6.508	24.3	80.2
60.0		9.078	32.697	25.303	0.1580	6.538	22.5	79.7
65.0		9.081	32.696	25.302	0.1711	6.533	23.0	79.3



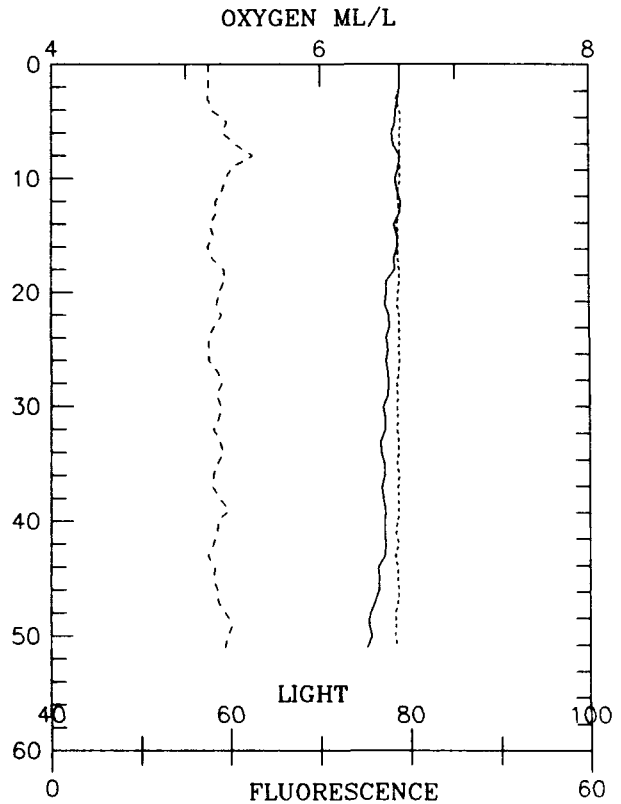
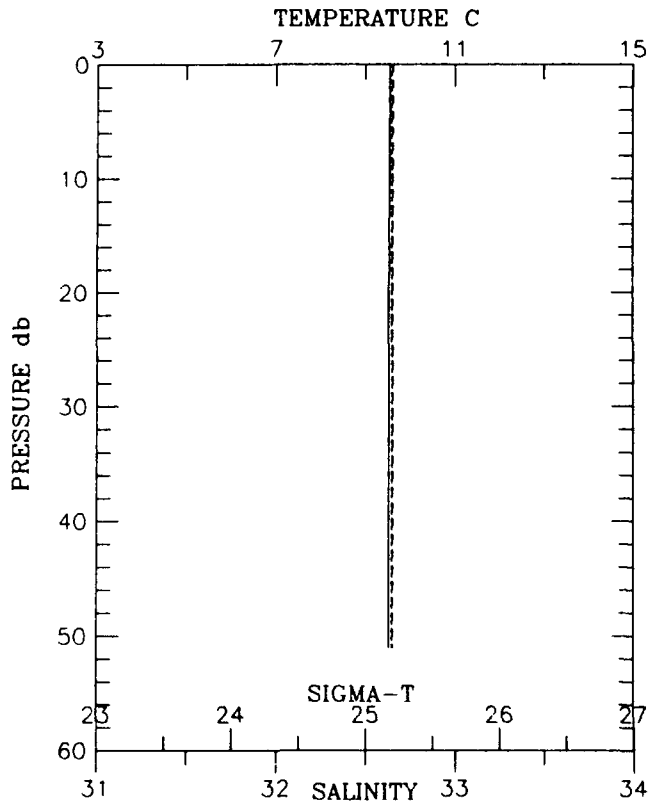
Cruise EN196 Consecutive Station # 153 Depth m:61 Time: 1989-06-08 09:32
 Position: 40° 59.90'N 68° 38.50'W Depth Deck Offset: -0.23 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.460	32.646	25.203	0.0000	6.585	18.5	79.6
5.0		9.461	32.647	25.203	0.0136	6.562	18.4	79.5
10.0		9.450	32.647	25.205	0.0272	6.591	19.8	79.1
15.0		9.448	32.646	25.204	0.0408	6.590	19.4	79.2
20.0		9.448	32.647	25.205	0.0544	6.593	19.4	79.0
25.0		9.447	32.647	25.205	0.0680	6.570	19.5	78.5
30.0		9.450	32.647	25.205	0.0816	6.563	18.2	79.1
35.0		9.448	32.647	25.205	0.0952	6.572	19.3	78.3
40.0		9.448	32.647	25.205	0.1089	6.560	19.5	78.2
45.0		9.448	32.647	25.205	0.1225	6.565	21.4	78.3
50.0		9.447	32.647	25.205	0.1361	6.555	23.7	78.2
55.0		9.447	32.647	25.205	0.1498	6.555	23.0	78.2
56.0		9.447	32.647	25.205	0.1525	6.556	23.0	78.1



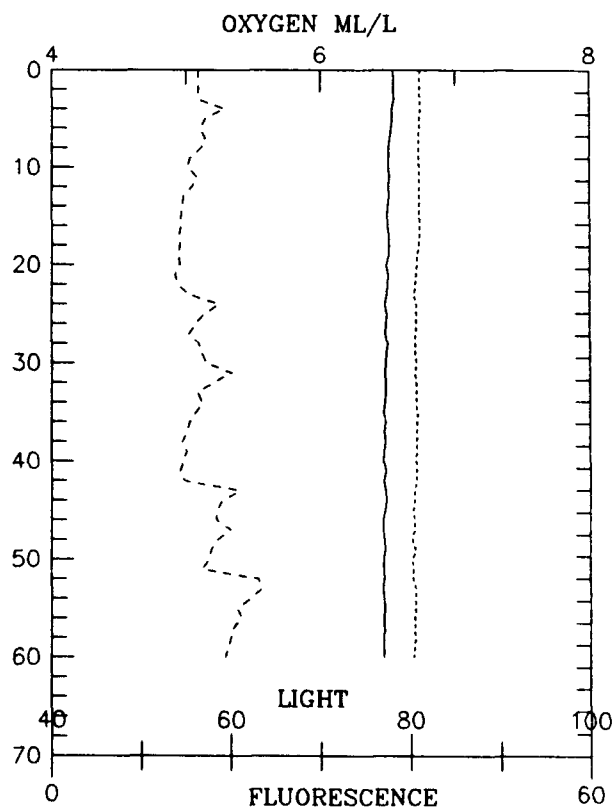
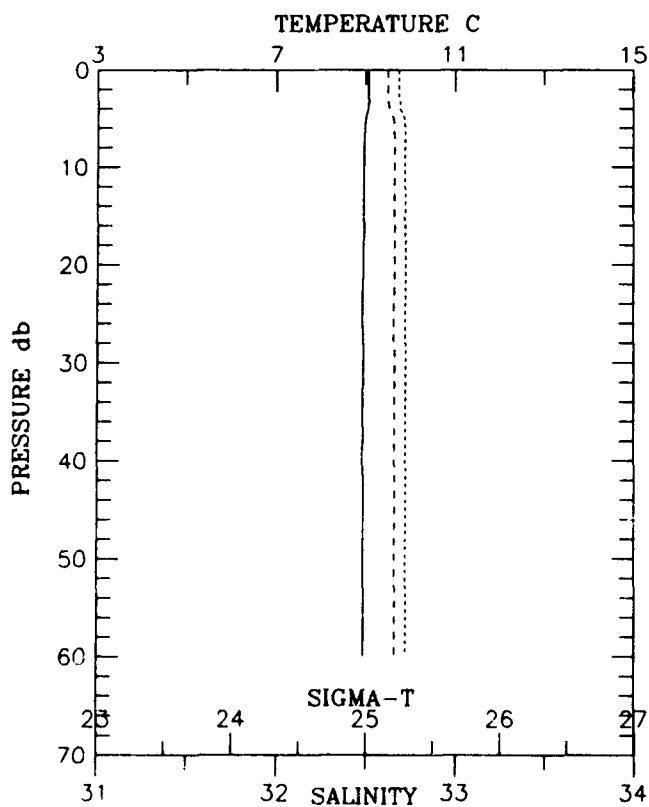
Cruise EN196 Consecutive Station # 154 Depth m:55 Time: 1989-06-08 11:16
 Position: 41° 10.00'N 68° 28.60'W Depth Deck Offset: -0.33 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.541	32.654	25.196	0.0000	6.593	17.6	78.9
5.0		9.540	32.652	25.194	0.0136	6.557	19.6	79.0
10.0		9.534	32.653	25.196	0.0273	6.558	19.5	78.9
15.0		9.530	32.653	25.197	0.0409	6.571	18.1	78.7
20.0		9.530	32.653	25.197	0.0546	6.488	18.8	78.7
25.0		9.524	32.653	25.198	0.0682	6.499	17.6	78.7
30.0		9.526	32.653	25.197	0.0819	6.467	18.9	78.5
35.0		9.521	32.653	25.198	0.0955	6.475	18.5	78.5
40.0		9.521	32.653	25.198	0.1092	6.476	18.6	78.6
45.0		9.521	32.653	25.198	0.1228	6.432	18.1	78.6
50.0		9.522	32.653	25.198	0.1365	6.380	19.7	78.3
51.0		9.523	32.653	25.198	0.1392	6.343	19.4	78.5



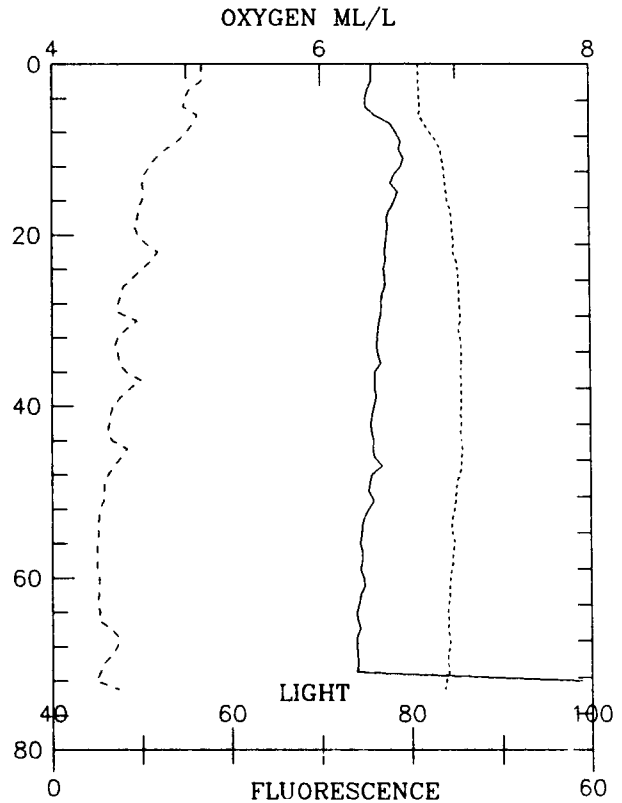
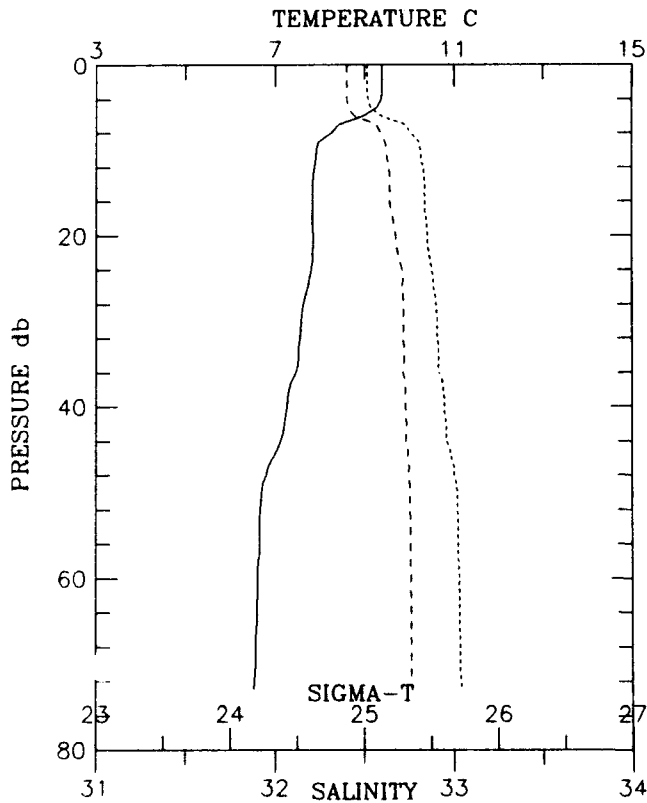
Cruise EN196 Consecutive Station # 155 Depth m:62 Time: 1989-06-08 12:17
 Position: 41° 13.20'N 68° 35.80'W Depth Deck Offset: -0.33 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.059	32.624	25.249	0.0000	6.541	16.4	81.1
5.0		8.981	32.653	25.284	0.0134	6.528	17.1	81.0
10.0		8.958	32.659	25.292	0.0265	6.508	15.2	81.0
15.0		8.961	32.660	25.293	0.0397	6.498	14.5	81.0
20.0		8.934	32.659	25.296	0.0529	6.485	14.3	80.7
25.0		8.931	32.657	25.295	0.0660	6.488	17.1	80.6
30.0		8.934	32.659	25.296	0.0792	6.480	17.2	80.6
35.0		8.932	32.660	25.297	0.0924	6.467	16.1	80.8
40.0		8.931	32.659	25.296	0.1056	6.469	14.7	80.6
45.0		8.934	32.659	25.296	0.1188	6.478	18.4	80.3
50.0		8.935	32.659	25.296	0.1320	6.467	17.6	80.2
55.0		8.933	32.659	25.296	0.1451	6.471	20.7	80.5
60.0		8.933	32.659	25.296	0.1583	6.468	19.4	80.3



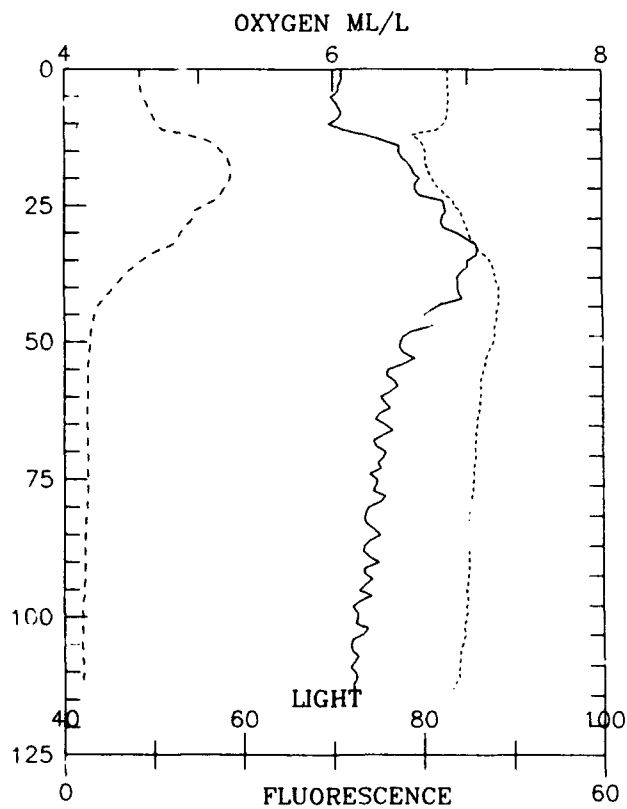
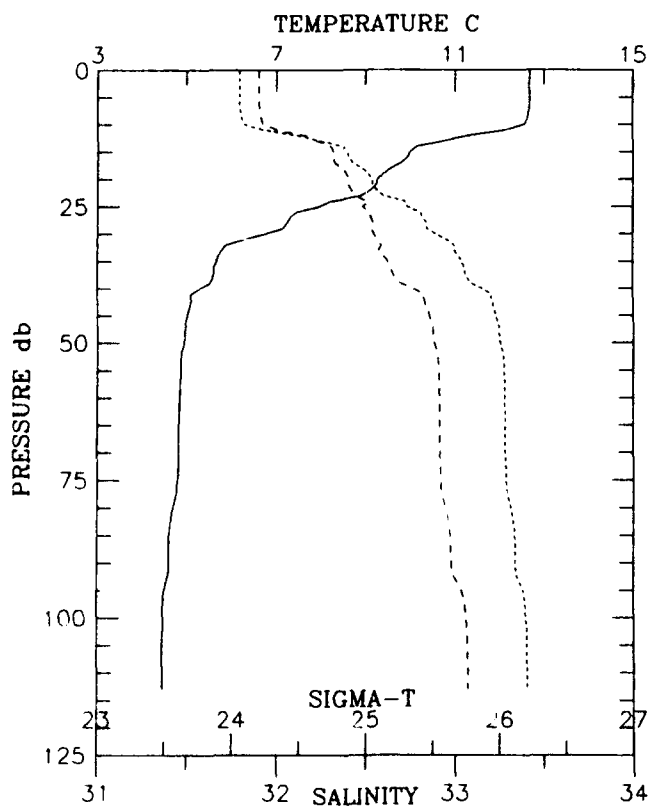
Cruise EN196 Consecutive Station # 156 Depth m:75 Time: 1989-06-08 13:16
 Position: 41° 16.00'N 68° 43.20'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.399	32.401	25.021	0.0000	6.378	16.8	80.9
5.0		9.278	32.406	25.044	0.0144	6.335	14.7	81.1
10.0		7.914	32.621	25.418	0.0277	6.583	12.8	83.4
15.0		7.826	32.641	25.447	0.0401	6.571	10.3	84.0
20.0		7.850	32.674	25.470	0.0525	6.491	9.6	84.7
25.0		7.756	32.713	25.513	0.0648	6.475	9.0	85.3
30.0		7.586	32.719	25.542	0.0768	6.433	9.5	85.5
35.0		7.508	32.721	25.554	0.0888	6.444	7.5	85.6
40.0		7.261	32.730	25.596	0.1006	6.394	6.8	85.6
45.0		7.039	32.744	25.637	0.1123	6.382	8.4	85.7
50.0		6.696	32.755	25.691	0.1237	6.351	5.8	85.0
55.0		6.660	32.757	25.697	0.1349	6.297	5.1	84.6
60.0		6.612	32.760	25.706	0.1462	6.312	5.2	84.3
65.0		6.594	32.761	25.709	0.1574	6.266	5.1	84.1
70.0		6.561	32.762	25.714	0.1686	6.267	5.7	84.0
73.0		6.529	32.765	25.721	0.1753	8.217	7.4	83.6



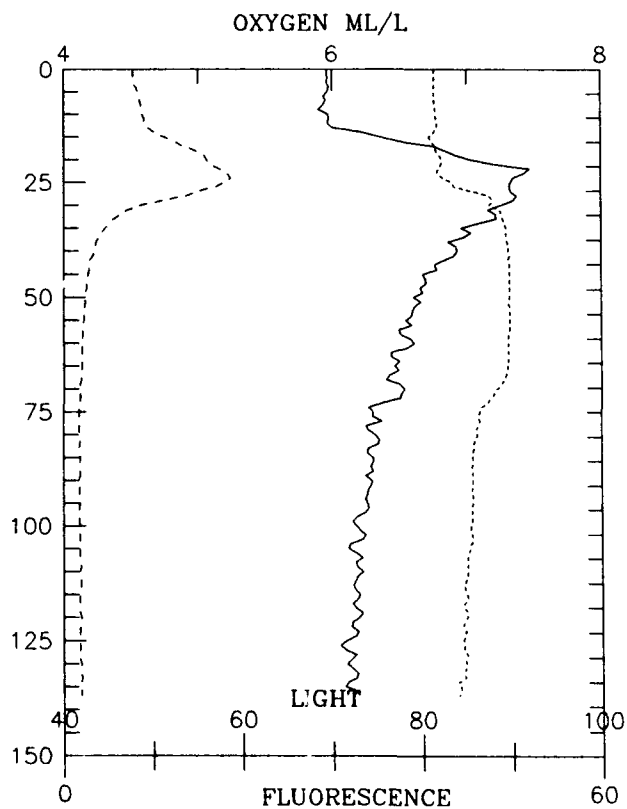
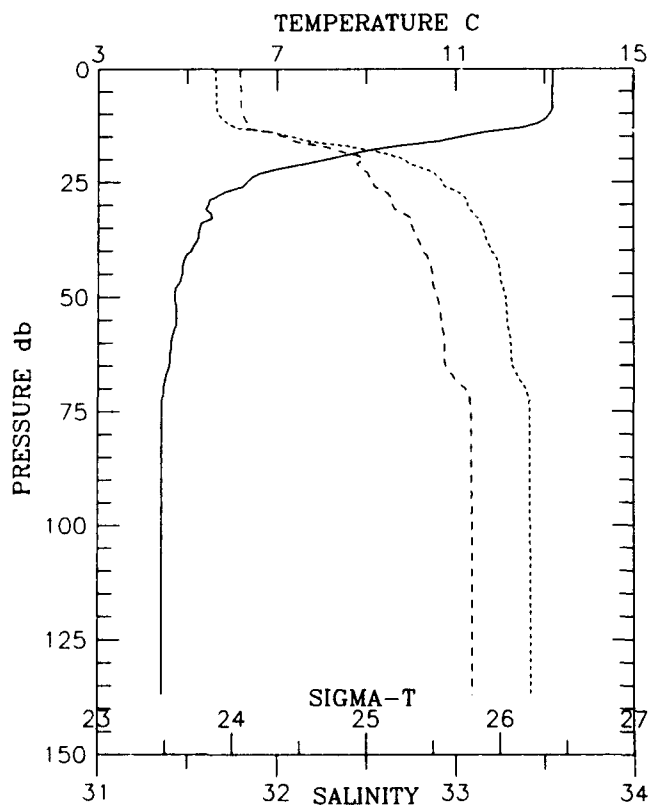
Cruise EN196 Consecutive Station # 157 Depth m:114 Time: 1989-06-08 14:50
 Position: 41° 18.50'N 68° 49.70'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	12.675	31.902	24.057	0.0000	6.063	8.4	82.8
10.0		12.562	31.925	24.097	0.0381	5.974	10.3	82.4
20.0		9.252	32.403	25.046	0.0697	6.641	18.5	81.1
30.0		6.763	32.541	25.513	0.0961	6.923	13.0	85.1
40.0		5.303	32.764	25.869	0.1185	6.927	5.5	88.5
50.0		4.941	32.881	26.002	0.1383	6.495	2.8	87.8
60.0		4.844	32.913	26.038	0.1576	6.352	2.6	86.4
70.0		4.818	32.917	26.044	0.1768	6.389	2.6	85.8
80.0		4.695	32.947	26.081	0.1959	6.261	2.5	85.2
90.0		4.600	32.979	26.117	0.2145	6.335	2.3	85.1
100.0		4.470	33.057	26.193	0.2326	6.176	2.0	84.7
110.0		4.459	33.070	26.204	0.2502	6.159	2.1	83.8
113.0		4.458	33.071	26.205	0.2555	6.147	2.0	83.1



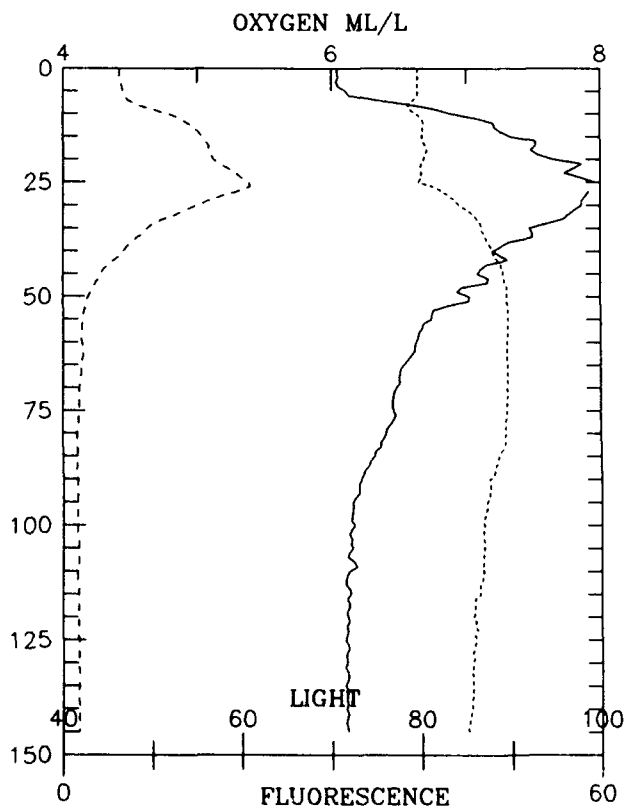
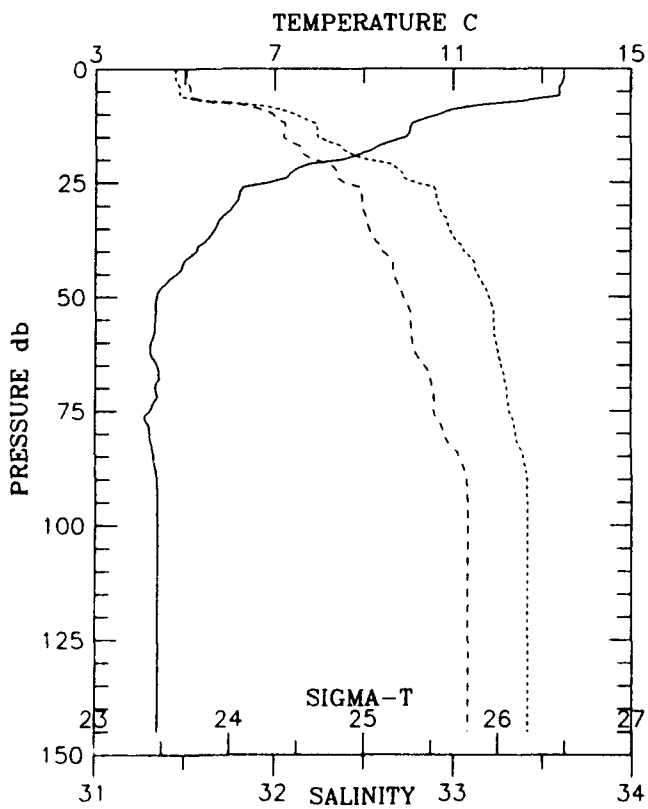
Cruise EN196 Consecutive Station # 158 Depth m:142 Time: 1989-06-08 15:51
 Position: 41° 20.50'N 68° 54.40'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.188	31.795	23.875	0.0000	5.964	7.8	81.4
10.0		13.117	31.806	23.897	0.0399	5.973	8.8	81.5
20.0		8.108	32.486	25.285	0.0739	7.018	16.0	82.2
30.0		5.462	32.644	25.756	0.0977	7.252	8.6	87.5
40.0		5.087	32.810	25.930	0.1186	6.928	3.4	89.6
50.0		4.713	32.897	26.040	0.1382	6.600	2.4	89.7
60.0		4.634	32.935	26.078	0.1572	6.608	2.0	89.6
70.0		4.460	33.053	26.190	0.1757	6.535	1.8	88.3
80.0		4.426	33.089	26.222	0.1933	6.316	1.7	86.1
90.0		4.426	33.090	26.223	0.2107	6.291	1.7	85.6
100.0		4.425	33.092	26.225	0.2282	6.177	1.8	85.4
110.0		4.423	33.092	26.225	0.2457	6.222	1.8	85.0
120.0		4.423	33.092	26.225	0.2631	6.195	1.9	84.9
130.0		4.423	33.092	26.225	0.2806	6.104	1.9	84.8
137.0		4.421	33.093	26.226	0.2929	6.145	1.9	84.0



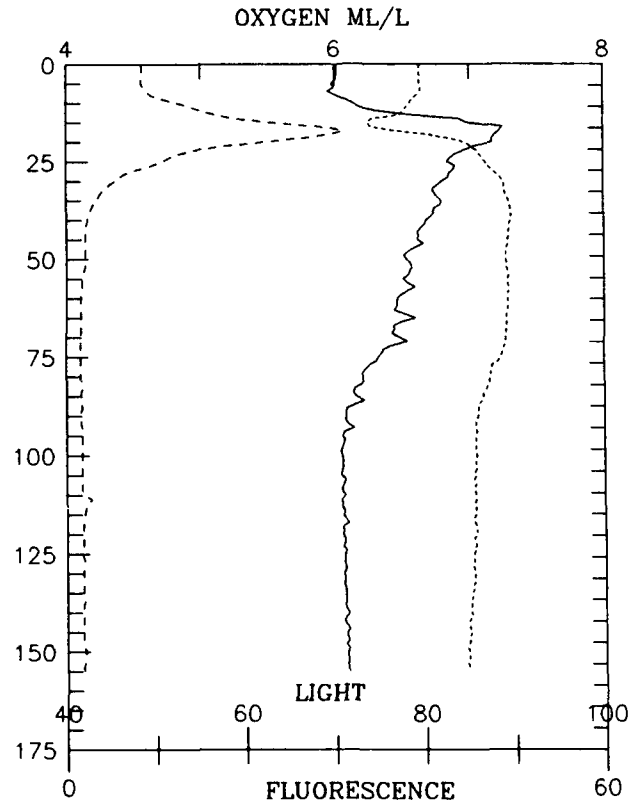
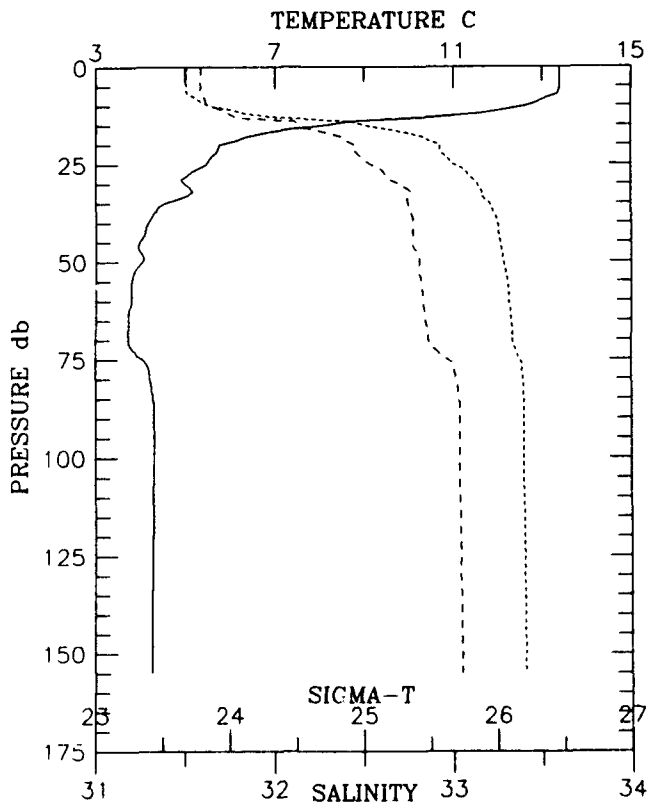
Cruise EN196 Consecutive Station # 159 Depth m:143 Time: 1989-06-08 17:07
 Position: 41° 23.19'N 68° 59.95'W Depth Deck Offset: -0.15 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 13.499	31.507	23.591	0.0000	6.047	6.3	79.6
10.0	10.711	31.990	24.483	0.0405	6.888	11.8	79.5
20.0	8.548	32.214	25.007	0.0723	7.646	16.8	80.3
30.0	6.091	32.490	25.558	0.0977	7.857	14.9	84.2
40.0	5.260	32.606	25.748	0.1206	7.198	6.7	87.9
50.0	4.379	32.723	25.937	0.1416	7.023	2.8	89.5
60.0	4.237	32.772	25.990	0.1614	6.628	2.1	89.5
70.0	4.337	32.882	26.068	0.1807	6.483	1.8	89.5
80.0	4.220	32.952	26.135	0.1994	6.402	1.6	89.4
90.0	4.374	33.075	26.217	0.2172	6.212	1.6	87.5
100.0	4.390	33.082	26.221	0.2347	6.165	1.6	86.9
110.0	4.391	33.082	26.221	0.2522	6.126	1.6	86.8
120.0	4.396	33.083	26.221	0.2697	6.116	1.7	85.7
130.0	4.396	33.083	26.221	0.2872	6.107	1.7	85.6
140.0	4.396	33.083	26.221	0.3047	6.104	1.8	85.5
145.0	4.396	33.082	26.220	0.3135	6.119	1.8	85.2



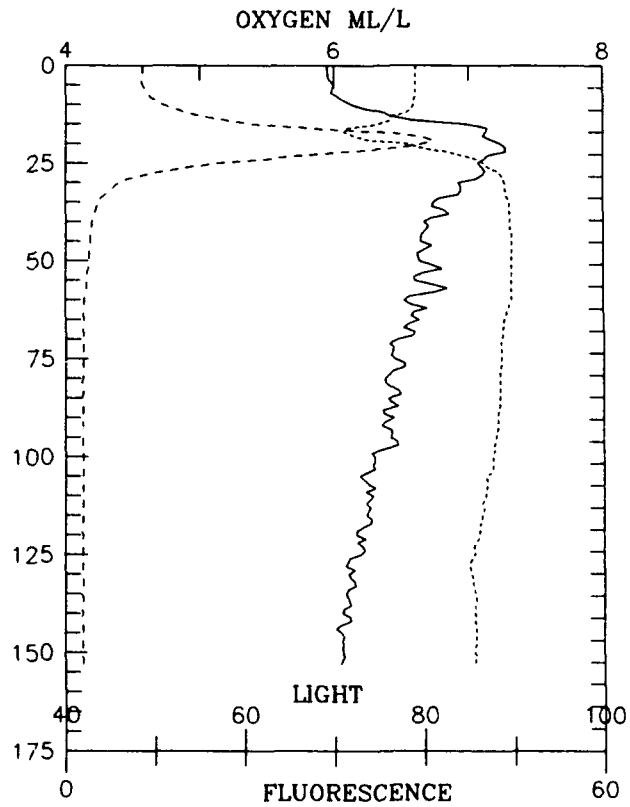
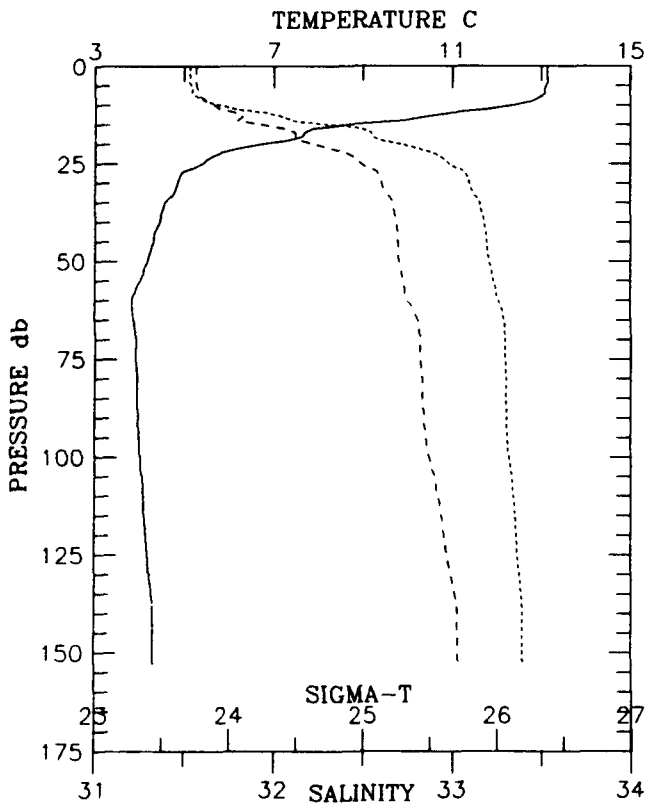
Cruise EN196 Consecutive Station # 160 Depth m:162 Time: 1989-06-08 18:48
 Position: 41° 22.25'N 69° 4.90'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.390	31.586	23.673	0.0000	6.016	8.5	79.5
10.0		12.642	31.635	23.857	0.0416	6.140	12.5	78.4
20.0		5.765	32.451	25.567	0.0721	7.169	22.1	84.6
30.0		5.001	32.697	25.849	0.0946	6.795	5.4	88.8
40.0		4.170	32.771	25.997	0.1148	6.675	2.3	89.5
50.0		4.036	32.810	26.041	0.1342	6.530	2.1	89.0
60.0		3.791	32.831	26.082	0.1531	6.460	1.6	89.2
70.0		3.732	32.861	26.111	0.1717	6.483	1.7	89.0
80.0		4.205	33.014	26.186	0.1897	6.208	1.6	87.3
90.0		4.301	33.035	26.193	0.2075	6.077	1.6	85.9
100.0		4.305	33.036	26.193	0.2253	6.051	1.7	85.7
110.0		4.295	33.037	26.195	0.2430	6.074	2.0	85.6
120.0		4.285	33.040	26.198	0.2608	6.051	1.8	85.7
130.0		4.281	33.038	26.197	0.2785	6.056	1.8	85.4
140.0		4.273	33.044	26.203	0.2962	6.091	1.8	85.0
150.0		4.267	33.048	26.206	0.3139	6.082	2.0	84.7
155.0		4.267	33.049	26.207	0.3227	6.096	1.9	84.8



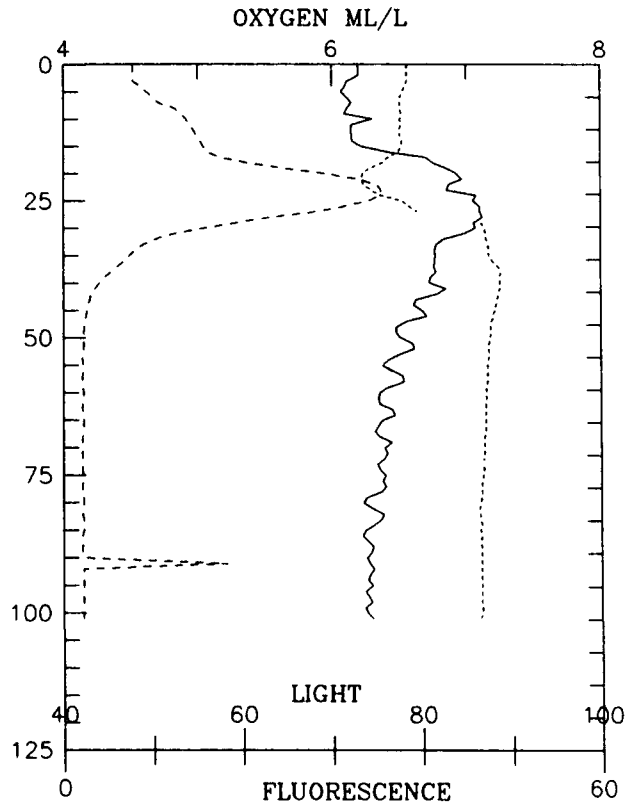
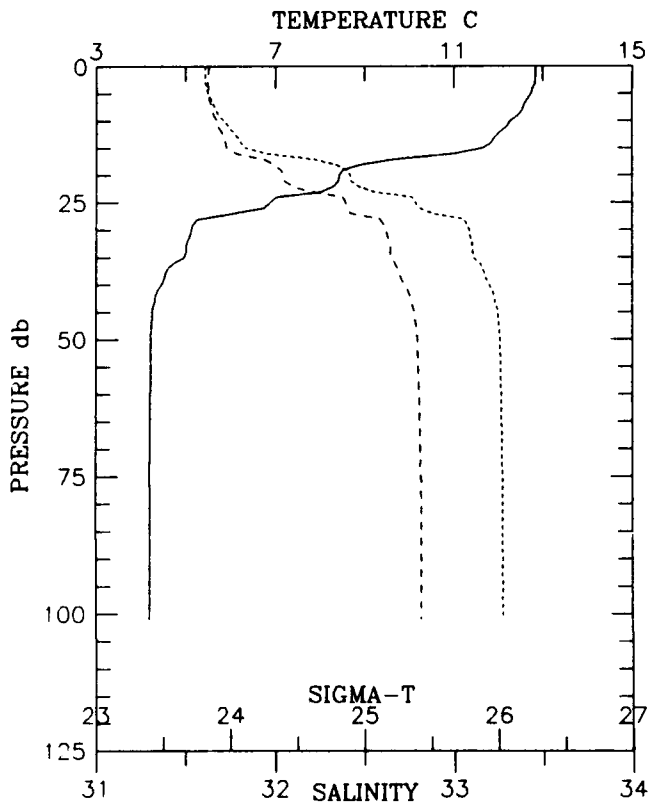
Cruise EN196 Consecutive Station # 161 Depth m:160 Time: 1989-06-08 19:49
 Position: 41° 20.90'N 69° 8.05'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.135	31.566	23.708	0.0000	5.954	8.6	79.1
10.0		12.370	31.667	23.933	0.0412	6.128	10.9	78.8
20.0		6.678	32.232	25.282	0.0733	7.237	39.8	78.1
30.0		4.852	32.603	25.791	0.0964	6.921	5.9	89.0
40.0		4.438	32.683	25.899	0.1173	6.665	2.9	89.5
50.0		4.183	32.701	25.940	0.1376	6.630	2.5	89.7
60.0		3.837	32.745	26.009	0.1574	6.522	2.1	89.7
70.0		3.926	32.817	26.058	0.1765	6.462	1.9	88.6
80.0		3.946	32.829	26.065	0.1955	6.376	1.9	88.4
90.0		3.973	32.842	26.072	0.2144	6.442	1.9	88.2
100.0		4.015	32.867	26.088	0.2332	6.297	1.9	87.6
110.0		4.086	32.918	26.122	0.2518	6.280	1.9	86.8
120.0		4.147	32.953	26.143	0.2701	6.160	1.9	86.1
130.0		4.223	32.989	26.164	0.2882	6.102	1.9	85.2
140.0		4.301	33.026	26.186	0.3062	6.059	1.9	85.6
150.0		4.312	33.031	26.189	0.3240	6.065	1.9	85.6
153.0		4.312	33.031	26.188	0.3294	6.044	1.9	85.6



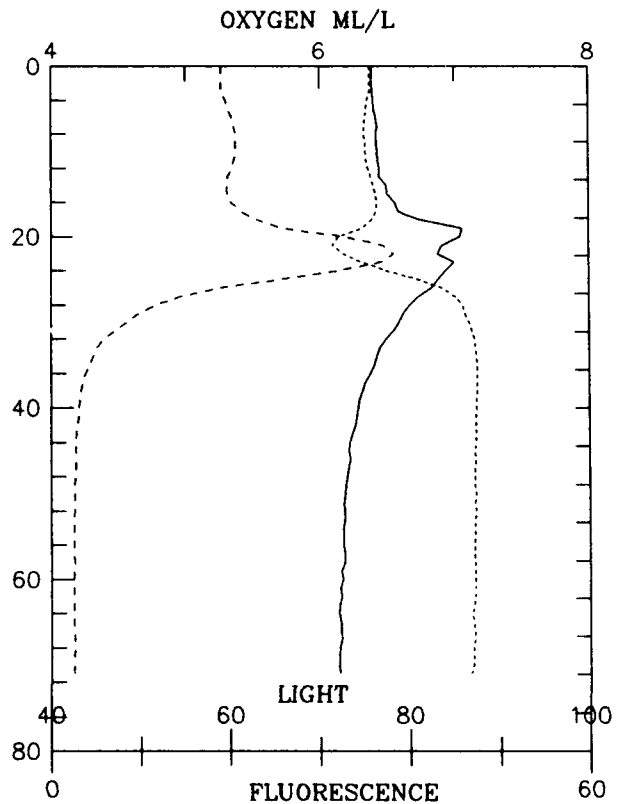
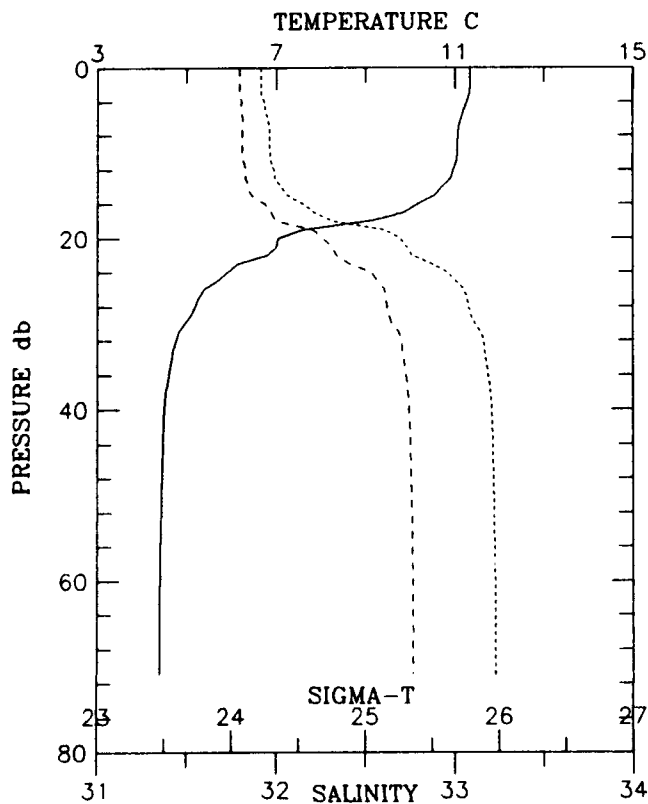
Cruise EN196 Consecutive Station # 162 Depth m:76 Time: 1989-06-08 20:55
 Position: 41° 16.90'N 69° 18.60'W Depth Deck Offset: -0.15 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 12.843	31.628	23.813	0.0000	6.197	7.8	78.4
5.0	12.737	31.627	23.832	0.0202	6.070	9.3	77.9
10.0	12.271	31.675	23.958	0.0401	6.304	13.7	77.6
15.0	11.668	31.729	24.111	0.0593	6.217	15.6	77.8
20.0	8.435	32.049	24.894	0.0758	6.925	29.1	73.4
25.0	6.884	32.393	25.381	0.0899	7.049	34.2	77.8
30.0	5.129	32.624	25.778	0.1016	7.071	15.4	87.0
35.0	4.962	32.642	25.810	0.1124	6.767	7.3	87.5
40.0	4.459	32.721	25.927	0.1227	6.723	4.0	88.7
45.0	4.258	32.775	25.991	0.1326	6.667	2.6	88.1
50.0	4.227	32.792	26.007	0.1424	6.507	2.2	87.6
55.0	4.220	32.797	26.012	0.1521	6.375	2.2	87.3
60.0	4.214	32.803	26.017	0.1618	6.350	2.2	87.2
65.0	4.207	32.806	26.020	0.1715	6.371	2.2	87.1
70.0	4.202	32.810	26.024	0.1812	6.387	2.1	87.0
75.0	4.202	32.813	26.026	0.1908	6.392	2.2	86.8
80.0	4.200	32.815	26.028	0.2005	6.228	2.2	86.5
85.0	4.199	32.817	26.030	0.2101	6.243	2.2	86.5
90.0	4.200	32.818	26.031	0.2198	6.255	2.2	86.6
95.0	4.199	32.818	26.031	0.2294	6.297	2.2	86.6
100.0	4.198	32.818	26.031	0.2390	6.256	2.2	86.6
101.0	4.198	32.818	26.031	0.2410	6.302	2.2	86.5



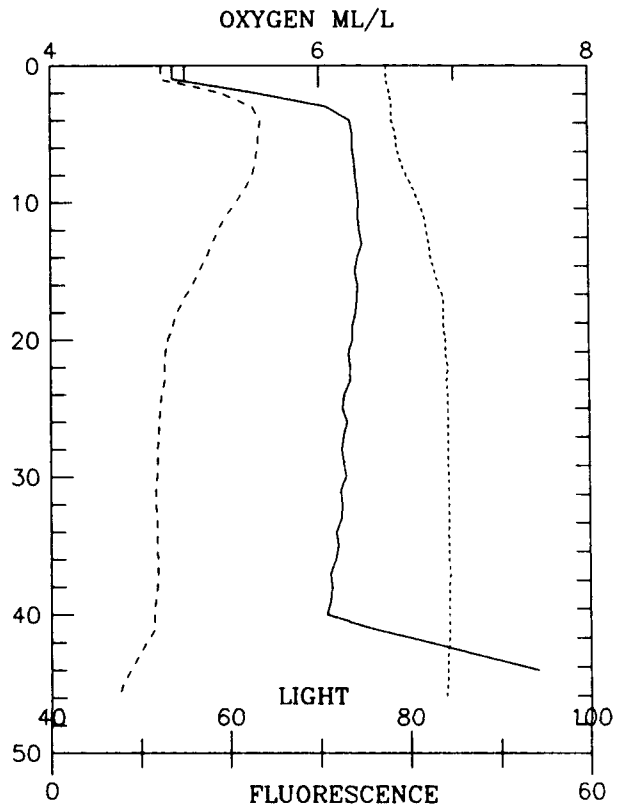
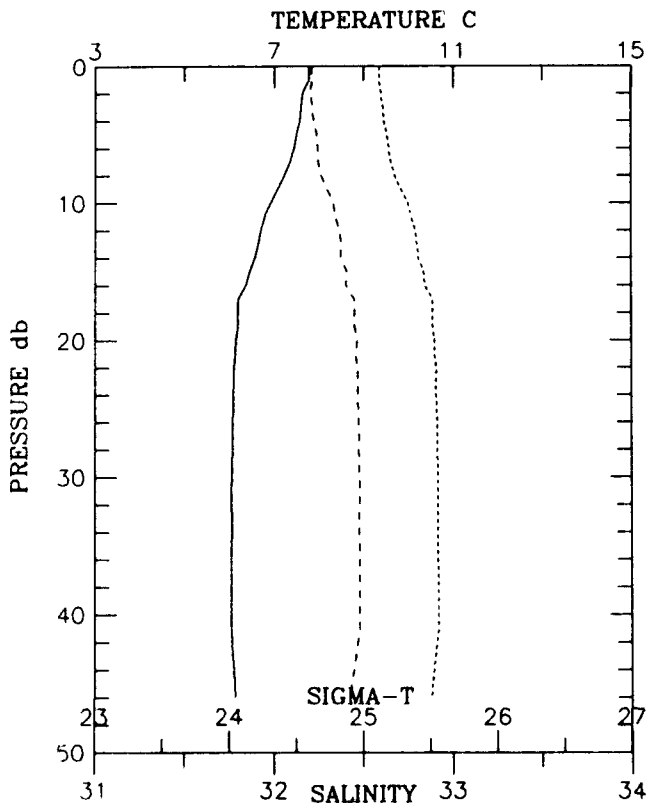
Cruise EN196 Consecutive Station # 163 Depth m:79 Time: 1989-06-08 22:06
 Position: 41° 16.90'W 69° 18.60'W Depth Deck Offset: -0.15 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 11.345	31.795	24.220	0.0000	6.388	19.0	75.6
5.0	11.199	31.800	24.250	0.0182	6.406	19.8	75.2
10.0	11.050	31.809	24.284	0.0363	6.426	20.6	75.1
15.0	10.541	31.860	24.411	0.0540	6.501	19.7	76.2
20.0	7.026	32.257	25.255	0.0697	7.038	32.6	72.1
25.0	5.672	32.566	25.670	0.0821	6.876	25.6	81.0
30.0	4.958	32.647	25.814	0.0930	6.586	8.5	86.6
35.0	4.632	32.719	25.907	0.1034	6.402	4.3	87.5
40.0	4.505	32.743	25.940	0.1135	6.281	3.1	87.4
45.0	4.465	32.752	25.951	0.1235	6.216	2.7	87.2
50.0	4.438	32.759	25.959	0.1335	6.187	2.6	87.3
55.0	4.425	32.762	25.963	0.1435	6.168	2.5	87.2
60.0	4.409	32.764	25.967	0.1534	6.167	2.5	87.2
65.0	4.402	32.766	25.969	0.1633	6.153	2.5	87.0
70.0	4.402	32.766	25.969	0.1733	6.135	2.5	87.0
71.0	4.402	32.766	25.969	0.1753	6.142	2.5	86.7



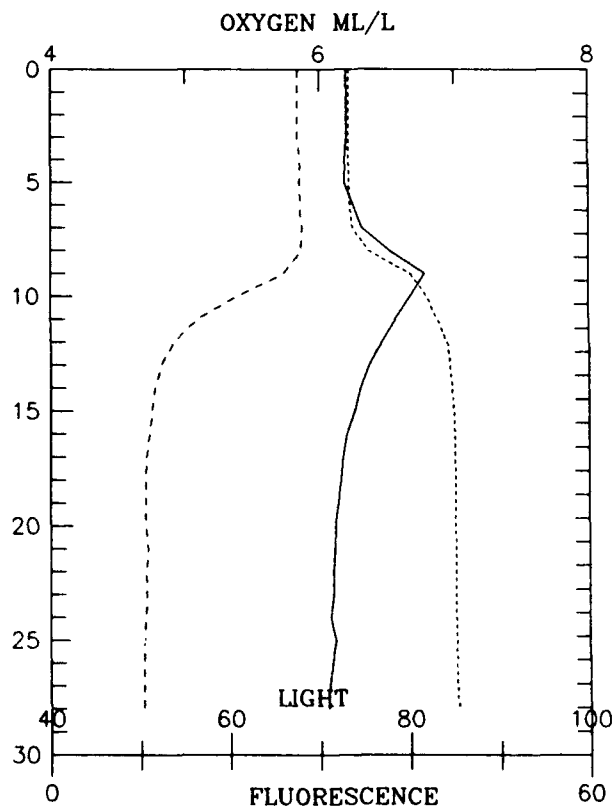
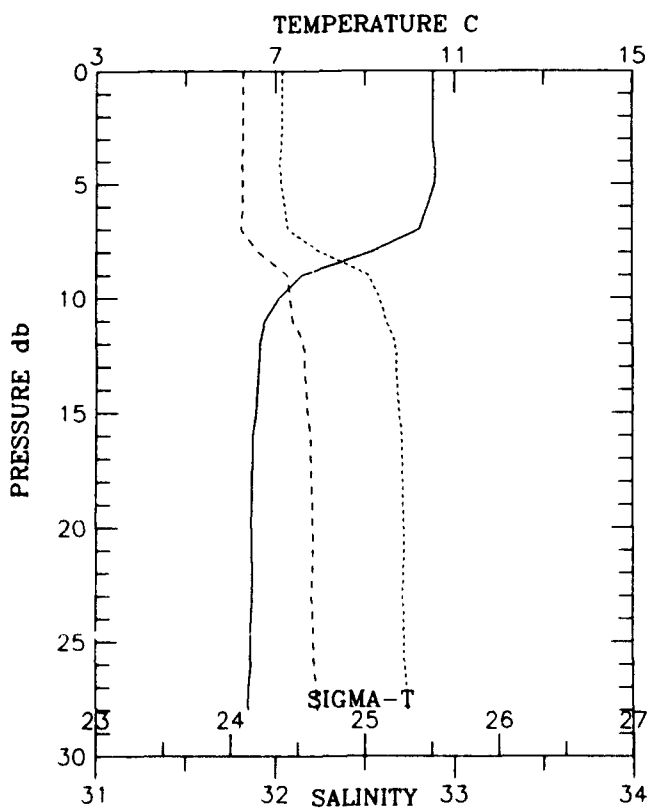
Cruise EN196 Consecutive Station # 164 Depth m:46 Time: 1989-06-08 23:23
 Position: 41° 14.82'N 69° 25.25'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	7.769	32.208	25.115	0.0000	4.911	12.4	77.5
5.0		7.504	32.236	25.174	0.0139	6.248	23.3	78.5
10.0		6.911	32.331	25.329	0.0273	6.293	20.7	81.1
15.0		6.449	32.405	25.447	0.0400	6.264	16.6	82.8
20.0		6.151	32.462	25.529	0.0522	6.244	13.1	84.0
25.0		6.083	32.470	25.544	0.0642	6.165	12.2	84.2
30.0		6.058	32.475	25.551	0.0761	6.191	11.8	84.3
35.0		6.048	32.477	25.554	0.0880	6.133	11.8	84.3
40.0		6.037	32.479	25.557	0.0999	6.043	11.5	84.3
45.0	*	6.117	32.432	25.510	0.1119	8.039	7.9	84.0
46.0		6.127	32.426	25.504	0.1143	8.259	7.5	83.9



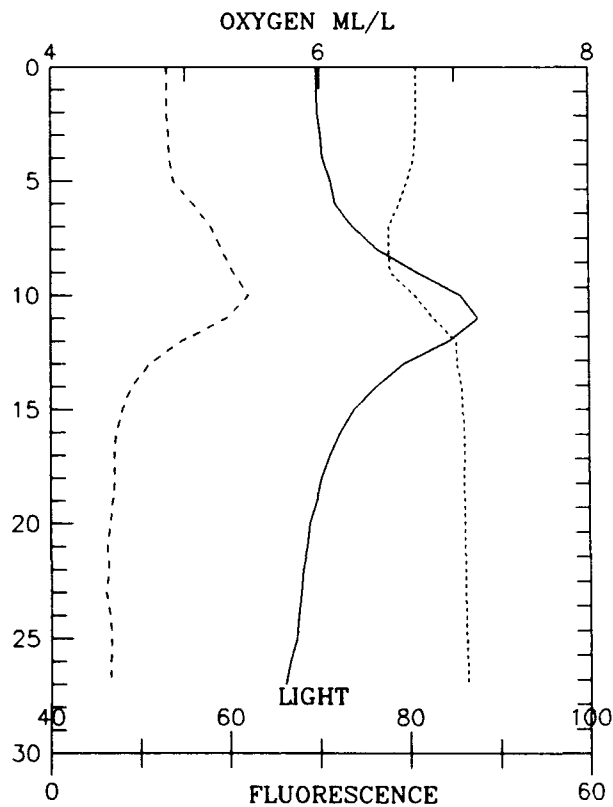
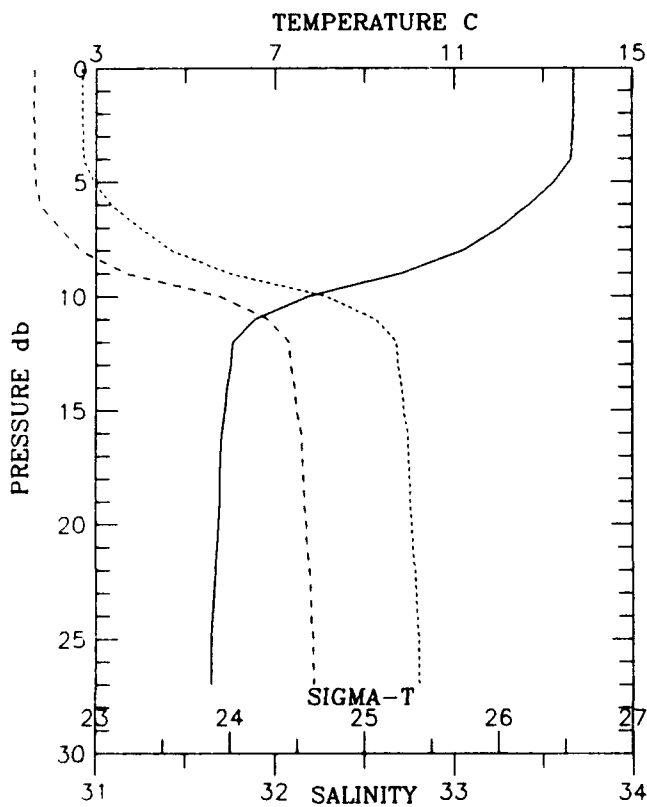
Cruise EN196 Consecutive Station # 165 Depth m:34 Time: 1989-06-09 01:25
 Position: 41° 24.10'N 69° 31.30'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.528	31.820	24.382	0.0000	6.202	27.6	73.3
2.0	E	10.528	31.820	24.382	0.0070	6.204	27.6	73.3
4.0		10.585	31.817	24.370	0.0140	6.191	27.9	73.3
6.0		10.399	31.818	24.402	0.0210	6.253	27.9	73.4
8.0		9.141	31.905	24.674	0.0278	6.521	28.0	75.5
10.0		7.088	32.084	25.111	0.0337	6.675	20.8	82.0
12.0		6.649	32.159	25.228	0.0392	6.459	13.7	84.2
14.0		6.601	32.170	25.242	0.0446	6.299	11.6	84.7
16.0		6.501	32.197	25.276	0.0499	6.200	11.0	85.0
18.0		6.481	32.203	25.283	0.0552	6.157	10.6	85.1
20.0		6.470	32.208	25.289	0.0605	6.115	10.6	85.0
22.0		6.479	32.206	25.286	0.0657	6.098	10.6	85.1
24.0		6.467	32.210	25.291	0.0710	6.077	10.6	85.1
26.0		6.451	32.216	25.297	0.0763	6.087	10.4	85.1
28.0		6.398	32.233	25.318	0.0815	6.061	10.3	85.3



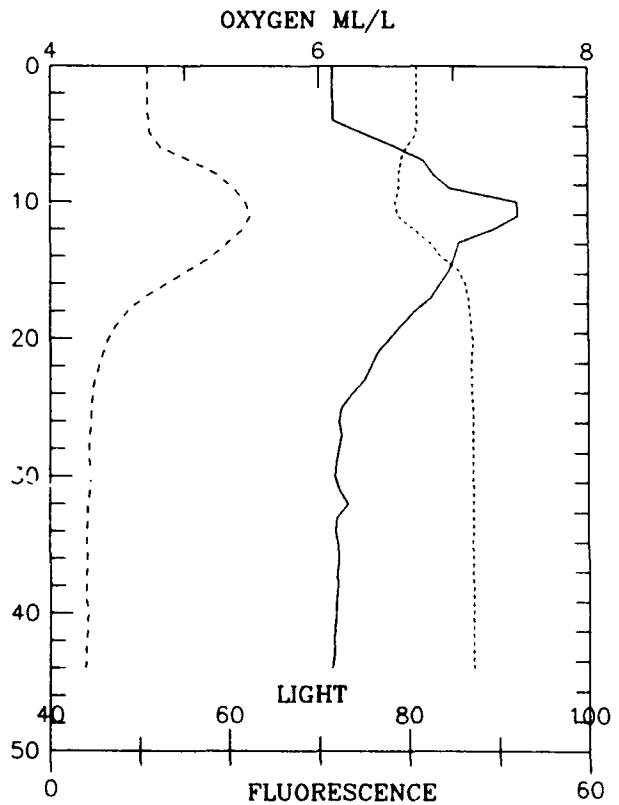
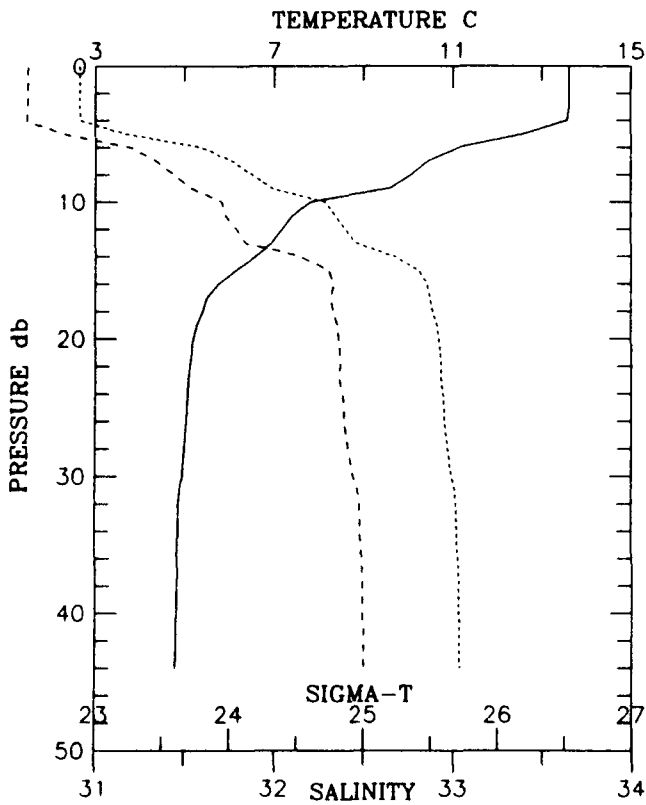
Cruise EN196 Consecutive Station # 166 Depth m:32 Time: 1989-06-09 02:58
 Position: 41° 30.80'N 69° 39.50'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.676	30.654	22.897	0.0000	5.984	13.0	80.8
2.0		13.676	30.653	22.896	0.0098	5.985	13.0	80.8
4.0		13.622	30.653	22.907	0.0197	6.028	13.3	80.5
6.0		12.702	30.691	23.115	0.0293	6.116	15.9	78.9
8.0		11.212	30.919	23.563	0.0383	6.427	19.1	77.7
10.0		7.752	31.692	24.712	0.0459	7.043	22.1	80.6
12.0		6.059	32.079	25.238	0.0517	6.959	14.6	85.2
14.0		5.932	32.110	25.278	0.0570	6.420	9.0	85.8
16.0		5.804	32.147	25.322	0.0623	6.151	7.3	86.1
18.0		5.769	32.159	25.336	0.0675	6.008	7.1	86.0
20.0		5.730	32.174	25.352	0.0726	5.923	6.6	86.1
22.0		5.662	32.191	25.374	0.0777	5.869	6.4	86.1
24.0		5.603	32.202	25.390	0.0828	5.834	6.5	86.2
26.0		5.578	32.213	25.401	0.0879	5.773	6.6	86.3
27.0		5.573	32.216	25.404	0.0904	5.740	6.6	86.3



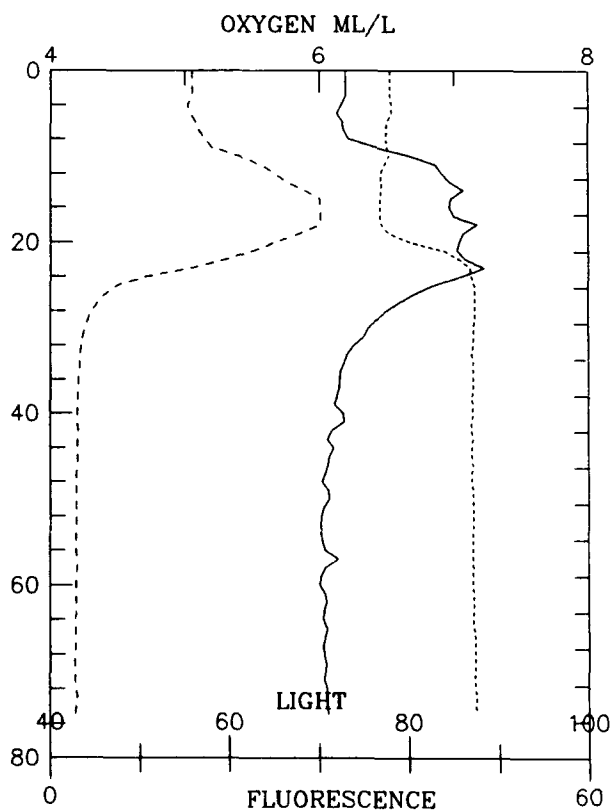
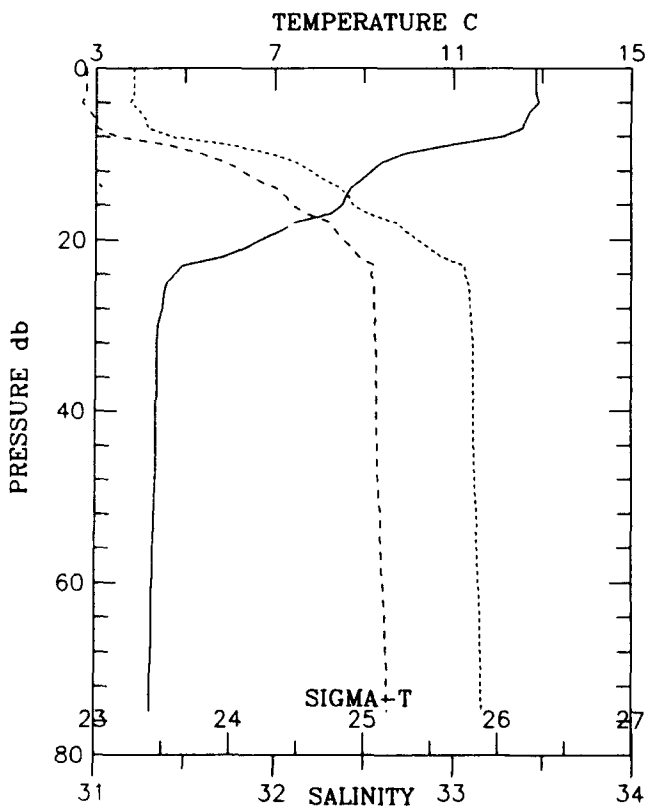
Cruise EN196 Consecutive Station # 167 Depth m:48 Time: 1989-06-09 04:21
 Position: 41° 32.17'N 69° 33.59'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.608	30.622	22.885	0.0000	6.104	10.9	80.9
5.0		12.604	30.825	23.237	0.0245	6.337	11.2	80.8
10.0		7.816	31.707	24.715	0.0436	7.469	21.8	78.5
15.0		6.140	32.306	25.408	0.0582	6.966	15.5	85.5
20.0		5.204	32.361	25.561	0.0703	6.523	6.5	87.1
25.0		5.061	32.390	25.600	0.0821	6.167	4.6	87.1
30.0		4.944	32.440	25.653	0.0937	6.118	4.5	87.1
35.0		4.845	32.486	25.700	0.1049	6.141	4.1	87.1
40.0		4.827	32.492	25.706	0.1161	6.120	4.2	87.1
44.0		4.799	32.500	25.716	0.1250	6.093	3.9	87.2



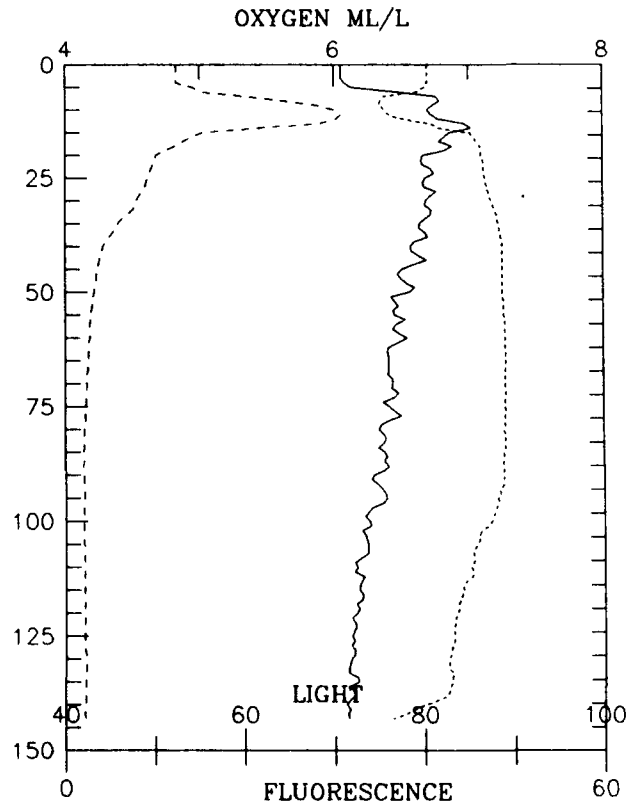
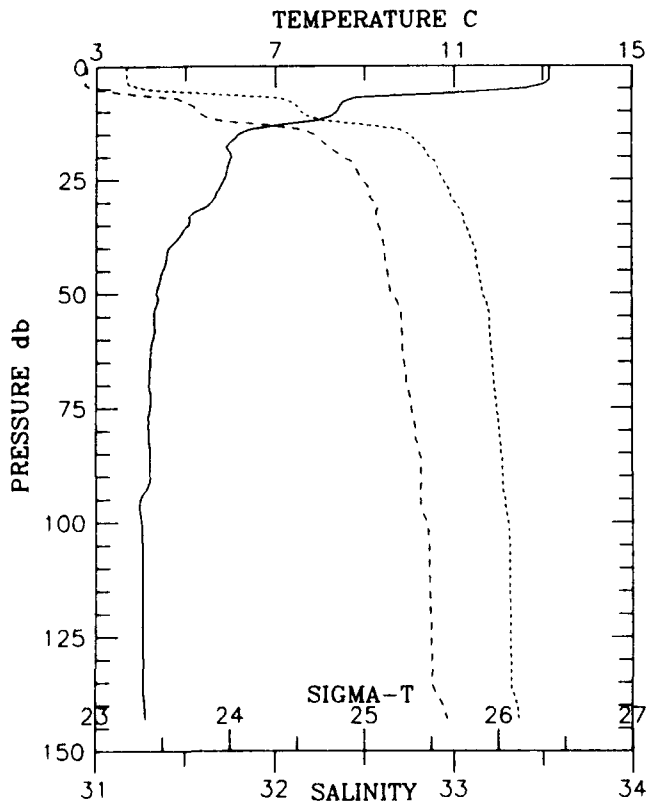
Cruise EN196 Consecutive Station # 168 Depth m:78 Time: 1989-06-09 05:37
 Position: 41° 34.55'N 69° 26.06'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	12.848	30.946	23.284	0.0000	6.193	15.8	77.9
5.0		12.722	30.963	23.321	0.0228	6.132	15.6	78.0
10.0		9.906	31.588	24.305	0.0439	6.667	21.0	77.8
15.0		8.585	32.064	24.883	0.0602	6.977	30.1	76.8
20.0		6.669	32.381	25.400	0.0741	7.037	25.0	80.1
25.0		4.591	32.555	25.781	0.0856	6.846	7.5	87.3
30.0		4.405	32.561	25.805	0.0964	6.367	3.8	87.2
35.0		4.372	32.569	25.815	0.1070	6.158	3.2	87.1
40.0		4.360	32.572	25.819	0.1176	6.182	3.0	87.1
45.0		4.352	32.575	25.822	0.1283	6.075	3.0	87.0
50.0		4.331	32.584	25.832	0.1388	6.074	2.9	87.1
55.0		4.307	32.595	25.843	0.1494	6.025	2.9	87.1
60.0		4.283	32.607	25.855	0.1599	6.004	2.9	87.1
65.0		4.262	32.619	25.867	0.1703	6.058	2.8	87.2
70.0		4.245	32.629	25.876	0.1807	6.045	2.8	87.3
75.0		4.236	32.635	25.882	0.1910	6.068	2.8	87.5



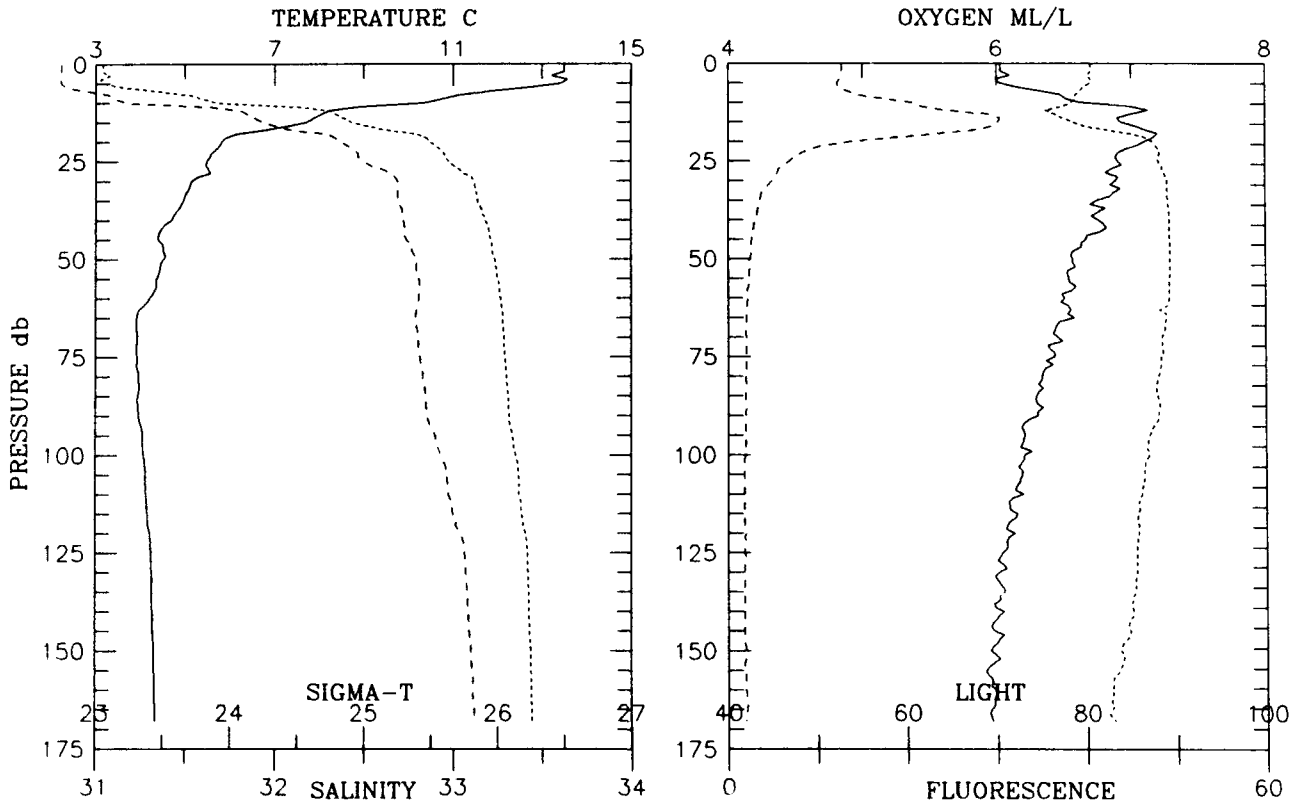
Cruise EN196 Consecutive Station # 169 Depth m:148 Time: 1989-06-09 06:35
 Position: 41° 35.49'N 69° 17.96'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.147	30.945	23.226	0.0000	6.054	12.4	80.4
10.0		8.382	31.566	24.523	0.0412	6.695	30.1	75.7
20.0		6.017	32.375	25.477	0.0689	6.662	10.2	86.4
30.0		5.570	32.554	25.672	0.0923	6.680	7.9	87.6
40.0		4.622	32.614	25.825	0.1142	6.570	4.2	88.7
50.0		4.346	32.643	25.877	0.1352	6.558	3.2	88.7
60.0		4.266	32.708	25.937	0.1554	6.540	2.7	89.0
70.0		4.189	32.735	25.966	0.1754	6.435	2.4	89.0
80.0		4.178	32.783	26.005	0.1951	6.330	2.1	88.9
90.0		4.211	32.817	26.029	0.2144	6.286	2.0	88.8
100.0		4.020	32.844	26.070	0.2336	6.257	2.0	87.4
110.0		4.047	32.860	26.080	0.2524	6.167	2.1	85.1
120.0		4.056	32.868	26.085	0.2712	6.160	2.1	83.6
130.0		4.059	32.874	26.090	0.2899	6.118	2.2	82.6
140.0		4.100	32.940	26.138	0.3085	6.085	2.2	80.1
143.0		4.121	32.964	26.154	0.3140	6.102	2.2	76.4



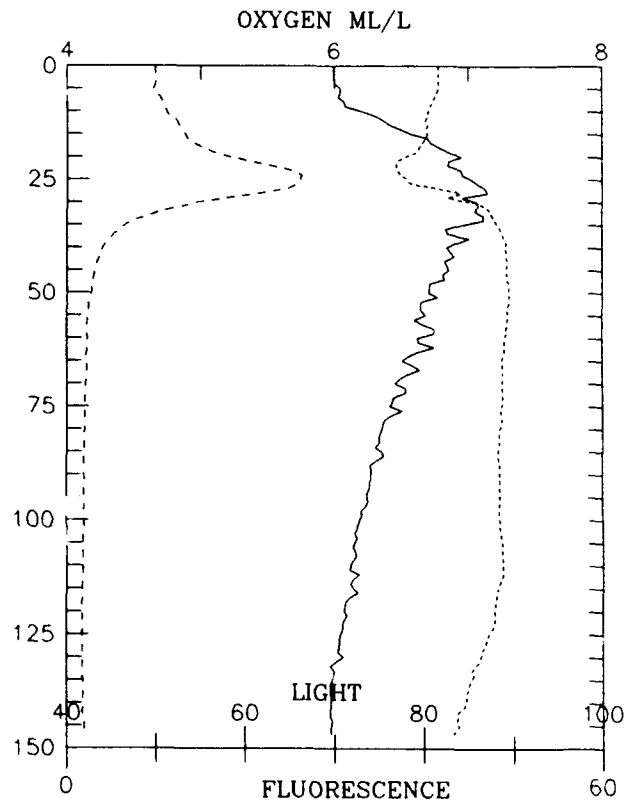
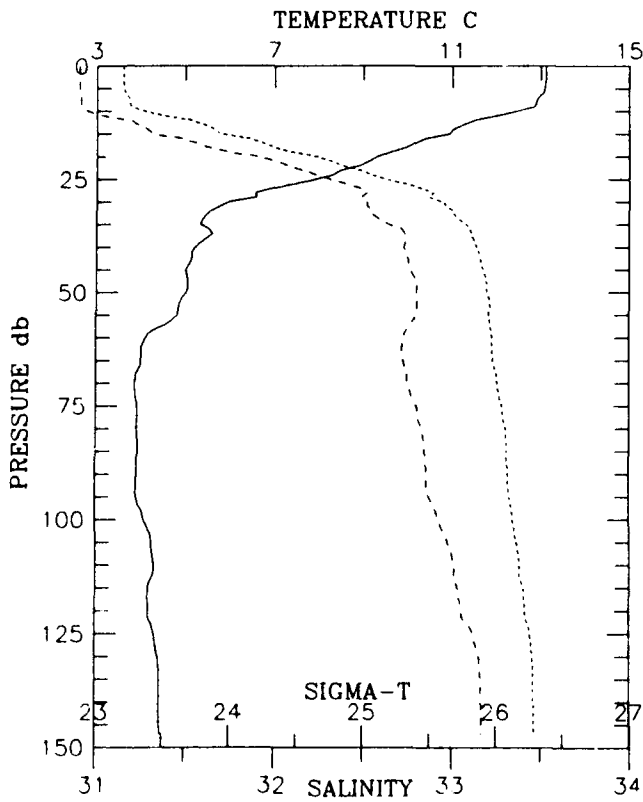
Cruise EN196 Consecutive Station # 170 Depth m:148 Time: 1989-06-09 07:42
 Position: 41° 35.49'N 69° 56.00'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.494	30.809	23.052	0.0000	6.028	12.7	80.5
10.0		10.355	31.182	23.915	0.0454	6.622	20.5	78.3
20.0		5.816	32.368	25.495	0.0749	7.099	13.9	87.4
30.0		5.138	32.689	25.828	0.0977	6.883	4.9	89.0
40.0		4.683	32.723	25.905	0.1186	6.752	2.9	89.2
50.0		4.520	32.796	25.980	0.1386	6.562	2.4	89.3
60.0		4.201	32.808	26.023	0.1581	6.506	2.2	89.2
70.0		3.935	32.805	26.047	0.1773	6.453	2.0	88.4
80.0		3.960	32.831	26.065	0.1963	6.334	1.9	88.0
90.0		3.964	32.855	26.083	0.2151	6.299	1.9	88.0
100.0		4.077	32.931	26.133	0.2336	6.199	1.9	86.9
110.0		4.131	32.973	26.161	0.2517	6.192	1.8	86.1
120.0		4.220	33.043	26.208	0.2696	6.127	1.9	85.7
130.0		4.260	33.072	26.226	0.2871	6.008	1.8	85.5
140.0		4.278	33.083	26.233	0.3045	6.043	1.8	85.1
150.0		4.307	33.100	26.244	0.3218	5.947	1.9	83.7
160.0		4.328	33.111	26.250	0.3391	5.981	1.9	82.7
168.0		4.341	33.119	26.255	0.3529	5.960	1.9	83.1



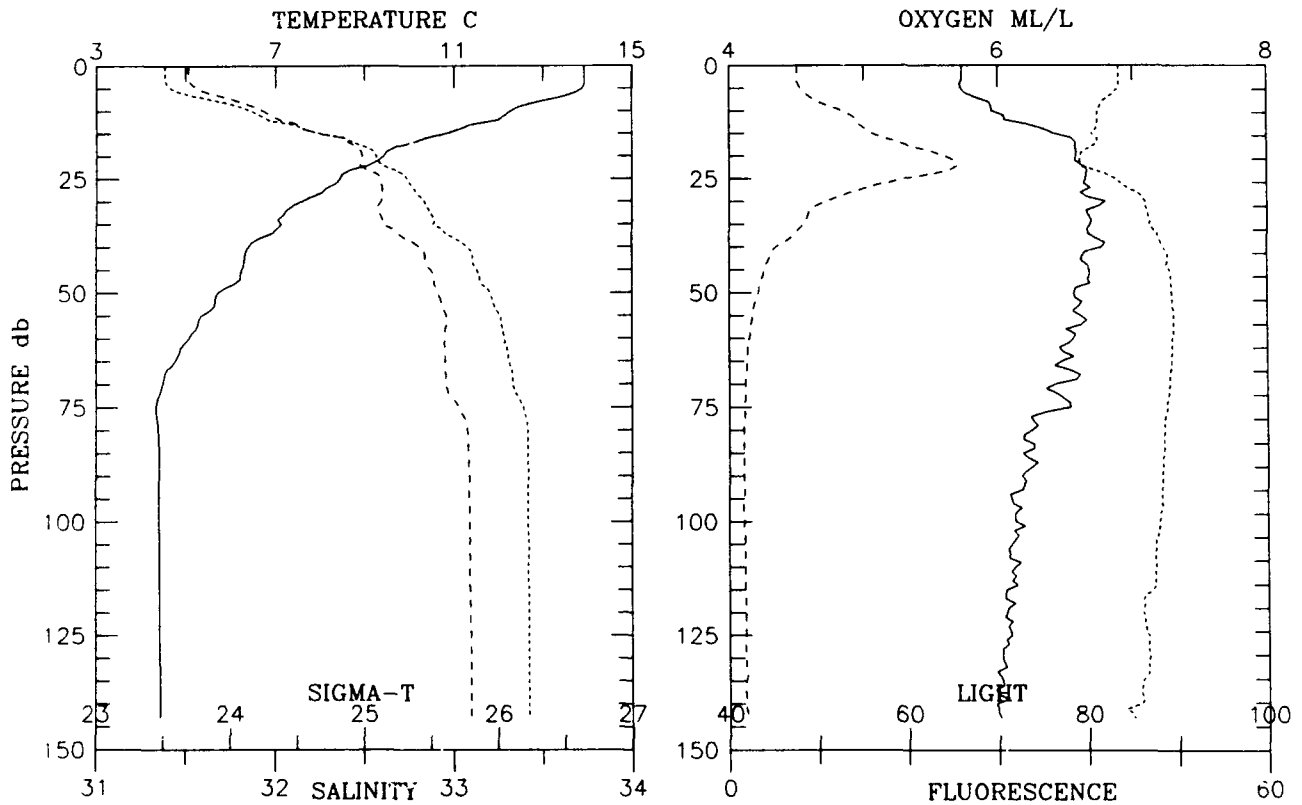
Cruise EN196 Consecutive Station # 171 Depth m:154 Time: 1989-06-09 08:49
 Position: 41° 38.70'N 69° 0.10'W Depth Deck Offset: -0.15 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 13.115	30.903	23.199	0.0000	5.996	9.9	81.7
10.0	12.473	30.950	23.359	0.0461	6.198	11.2	80.5
20.0	9.295	31.900	24.646	0.0848	6.949	18.3	77.9
30.0	5.961	32.517	25.596	0.1123	7.063	14.7	85.7
40.0	5.231	32.727	25.848	0.1342	6.840	4.0	89.1
50.0	5.031	32.797	25.926	0.1547	6.701	2.7	89.5
60.0	4.115	32.728	25.968	0.1747	6.624	2.3	89.0
70.0	3.877	32.749	26.008	0.1944	6.454	2.1	88.8
80.0	3.922	32.831	26.069	0.2136	6.355	2.0	88.5
90.0	3.927	32.859	26.091	0.2323	6.271	1.9	88.5
100.0	4.099	32.925	26.126	0.2509	6.189	1.9	88.4
110.0	4.309	33.010	26.172	0.2690	6.116	1.8	88.8
120.0	4.200	33.055	26.219	0.2867	6.074	1.7	87.9
130.0	4.412	33.153	26.275	0.3039	6.065	1.7	86.3
140.0	4.447	33.167	26.282	0.3209	5.973	1.8	84.7
147.0	4.454	33.169	26.283	0.3327	5.976	1.8	83.2



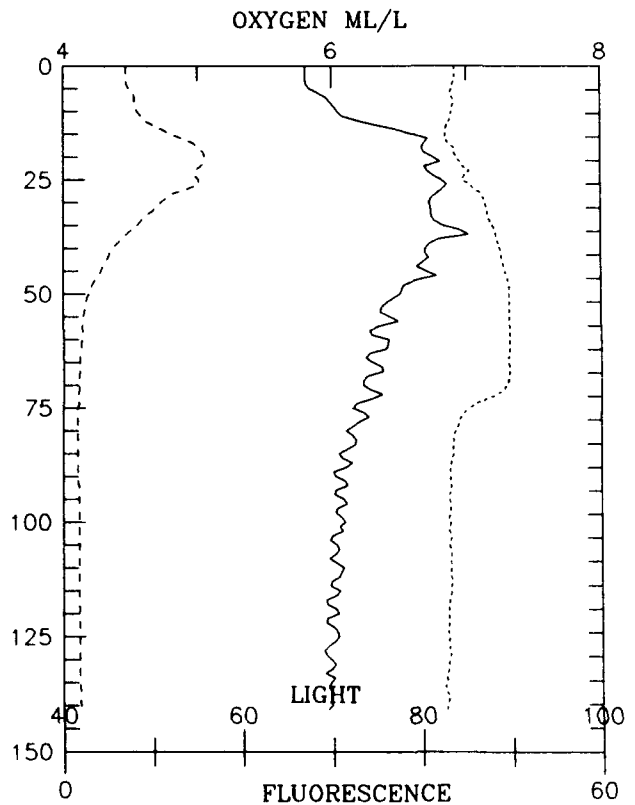
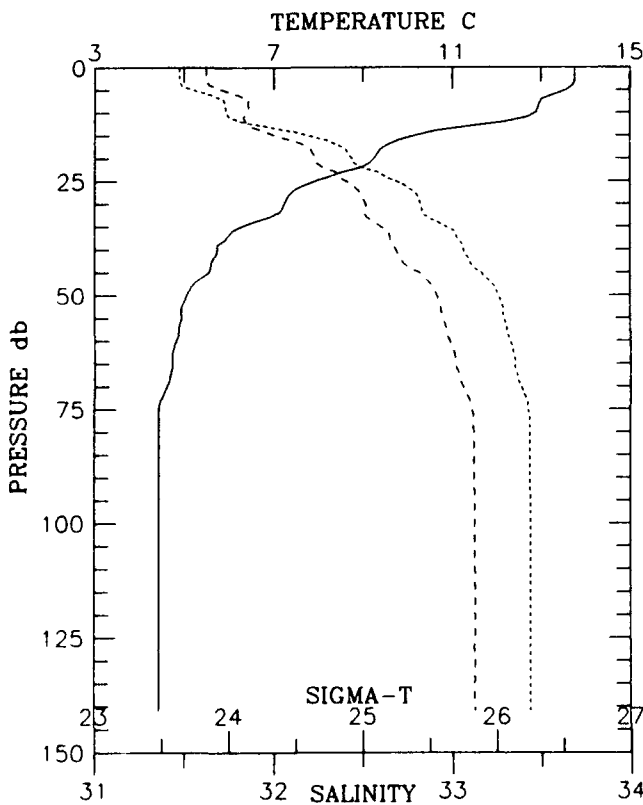
Cruise EN196 Consecutive Station # 172 Depth m:148 Time: 1989-06-09 09:52
 Position: 41° 36.10'N 68° 50.10'W Depth Deck Offset: -0.15 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 13.931	31.514	23.509	0.0000	5.735	7.6	83.5
10.0	12.270	31.936	24.161	0.0417	5.950	12.7	81.1
20.0	9.414	32.484	25.084	0.0739	6.581	24.2	79.2
30.0	7.565	32.592	25.445	0.1004	6.795	10.8	86.4
40.0	6.395	32.807	25.771	0.1241	6.778	5.2	88.4
50.0	5.707	32.910	25.937	0.1452	6.566	3.2	89.3
60.0	5.065	32.953	26.046	0.1647	6.558	2.2	89.4
70.0	4.490	32.955	26.109	0.1835	6.421	1.8	89.1
80.0	4.390	33.075	26.215	0.2014	6.245	1.6	88.5
90.0	4.418	33.085	26.221	0.2189	6.172	1.6	88.2
100.0	4.419	33.089	26.224	0.2364	6.125	1.7	87.9
110.0	4.422	33.090	26.224	0.2538	6.122	1.7	87.5
120.0	4.427	33.093	26.226	0.2712	6.061	1.8	86.0
130.0	4.432	33.095	26.227	0.2887	6.024	1.8	86.7
140.0	4.435	33.095	26.227	0.3061	5.975	1.8	85.8
143.0	4.435	33.095	26.227	0.3114	6.012	1.9	85.0



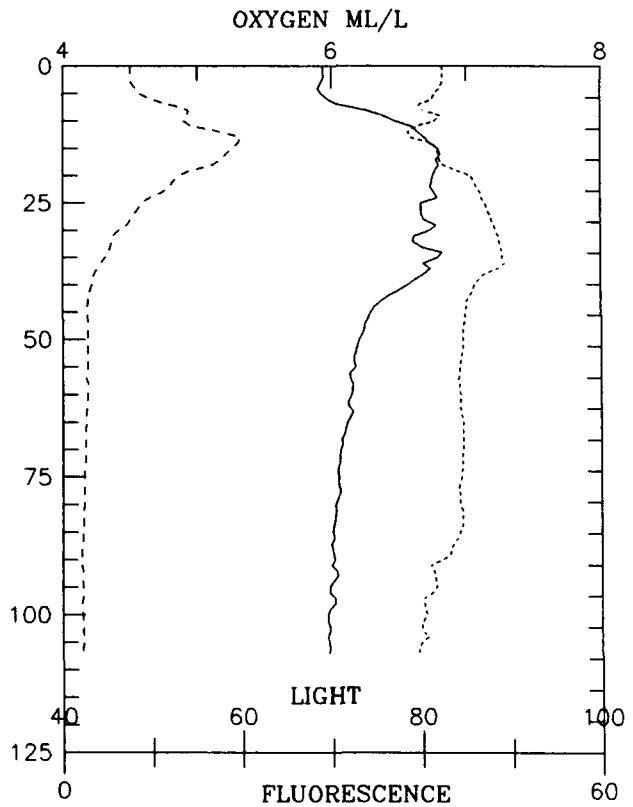
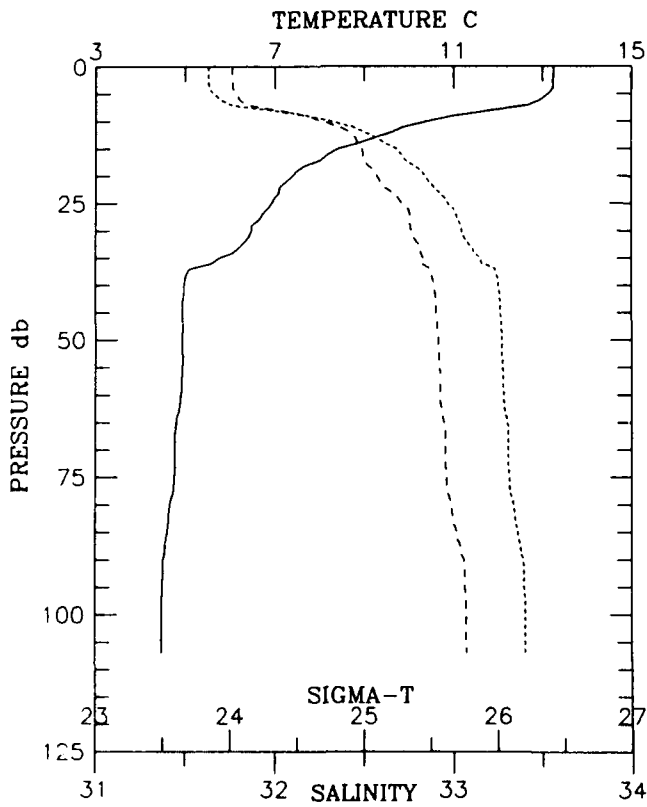
Cruise EN196 Consecutive Station # 173 Depth m:144 Time: 1989-06-09 11:32
 Position: 41° 33.40'N 68° 41.30'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp (deg C)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.758	31.624	23.630	0.0000	5.806	7.0	83.7
10.0		12.878	31.848	23.977	0.0407	6.044	8.3	83.4
20.0		9.241	32.235	24.916	0.0745	6.753	15.8	83.9
30.0		7.237	32.513	25.429	0.1016	6.726	10.9	87.1
40.0		5.743	32.682	25.752	0.1250	6.696	5.5	88.7
50.0		5.049	32.915	26.017	0.1456	6.503	2.8	89.7
60.0		4.820	32.984	26.097	0.1646	6.418	2.0	89.7
70.0		4.615	33.059	26.179	0.1829	6.231	1.7	89.4
80.0		4.440	33.120	26.246	0.2002	6.105	1.6	83.7
90.0		4.442	33.123	26.248	0.2175	6.023	1.6	83.1
100.0		4.443	33.125	26.250	0.2346	6.093	1.7	83.1
110.0		4.445	33.126	26.250	0.2518	6.083	1.7	83.2
120.0		4.446	33.127	26.251	0.2690	6.046	1.7	82.9
130.0		4.446	33.127	26.251	0.2862	5.989	1.8	82.9
140.0		4.446	33.127	26.251	0.3035	5.995	1.9	82.7
141.0		4.446	33.127	26.251	0.3052	5.964	1.9	82.7



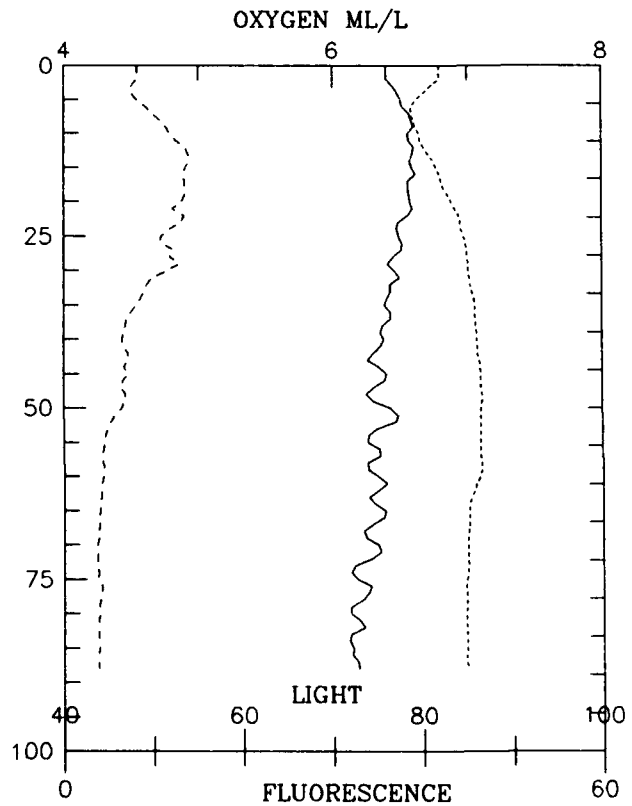
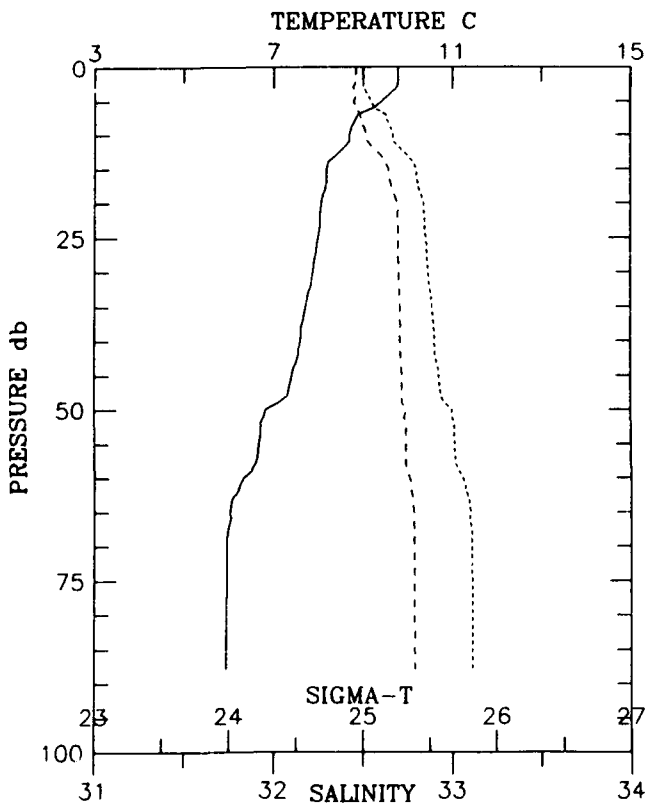
Cruise EN196 Consecutive Station # 174 Depth m:112 Time: 1989-06-09 12:46
 Position: 41° 31.20'N 68° 35.20'W Depth Deck Offset: -0.15 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 13.245	31.763	23.839	0.0000	5.941	7.5	82.4
10.0	10.423	32.268	24.749	0.0383	6.472	13.5	81.5
20.0	7.393	32.572	25.454	0.0656	6.752	12.9	85.6
30.0	6.480	32.763	25.725	0.0888	6.727	6.2	88.3
40.0	4.986	32.891	26.005	0.1096	6.561	3.2	85.9
50.0	4.939	32.914	26.029	0.1289	6.202	2.7	84.6
60.0	4.915	32.926	26.041	0.1482	6.145	2.7	84.4
70.0	4.782	32.954	26.077	0.1671	6.066	2.5	84.6
80.0	4.663	32.987	26.117	0.1858	6.028	2.4	84.2
90.0	4.518	33.059	26.189	0.2040	6.021	2.1	82.3
100.0	4.495	33.070	26.200	0.2216	5.965	2.2	80.5
107.0	4.488	33.073	26.203	0.2340	5.975	2.2	79.6



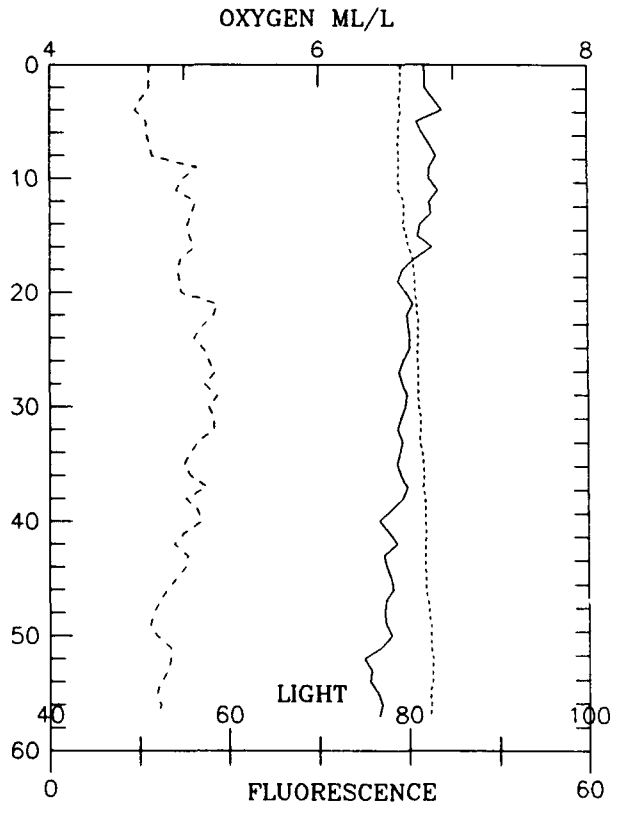
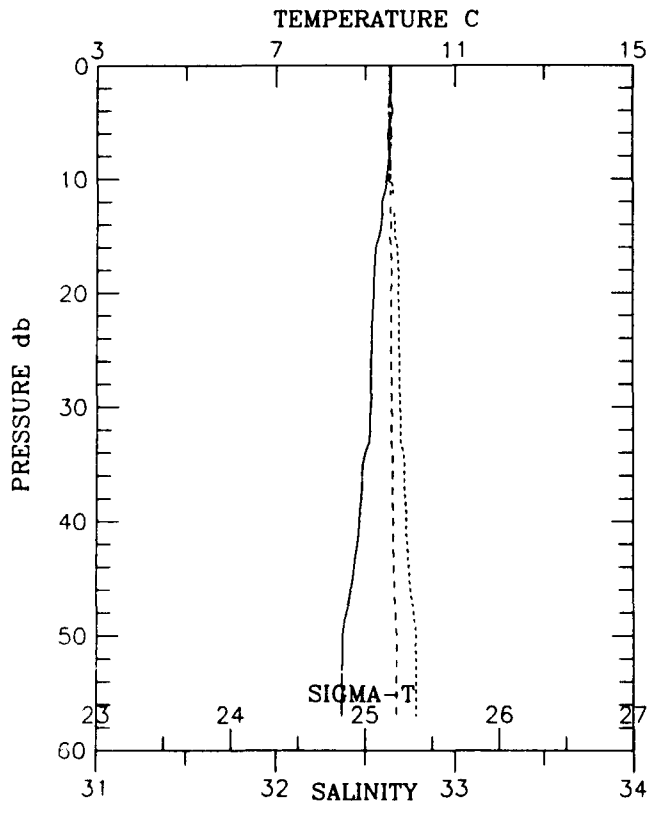
Cruise EN196 Consecutive Station # 175 Depth m:93 Time: 1989-06-09 13:58
 Position: 41° 29.80'N 68° 29.10'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.782	32.460	25.006	0.0000	6.399	8.2	81.9
5.0		9.415	32.450	25.057	0.0145	6.508	8.1	79.3
10.0		8.695	32.519	25.223	0.0283	6.559	11.8	79.6
15.0		8.186	32.641	25.395	0.0414	6.588	13.6	81.5
20.0		8.071	32.690	25.450	0.0539	6.572	13.2	83.2
25.0		7.987	32.698	25.469	0.0663	6.492	10.9	84.6
30.0		7.870	32.699	25.486	0.0786	6.457	11.6	85.1
35.0		7.715	32.706	25.513	0.0908	6.386	8.1	85.8
40.0		7.594	32.707	25.532	0.1028	6.381	6.5	86.0
45.0		7.412	32.716	25.564	0.1148	6.399	7.2	86.5
50.0		6.829	32.741	25.662	0.1265	6.426	6.5	86.5
55.0		6.676	32.740	25.682	0.1379	6.259	4.5	86.4
60.0		6.326	32.758	25.741	0.1491	6.331	4.3	86.3
65.0		6.030	32.783	25.797	0.1600	6.385	4.0	85.1
70.0		5.957	32.787	25.810	0.1707	6.331	3.7	84.9
75.0		5.950	32.788	25.812	0.1814	6.178	3.7	84.8
80.0		5.947	32.788	25.812	0.1921	6.128	3.9	84.7
85.0		5.944	32.788	25.812	0.2028	6.147	3.9	84.8
88.0		5.943	32.789	25.813	0.2092	6.186	3.8	84.9



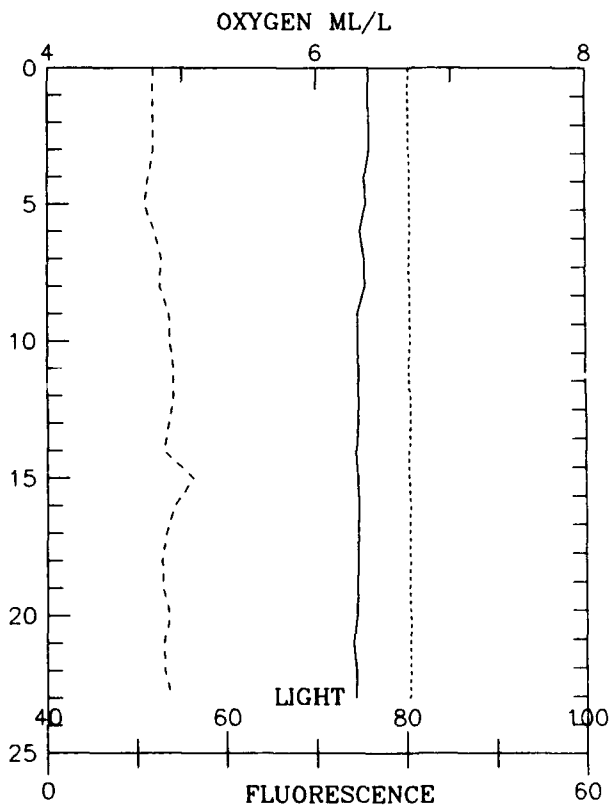
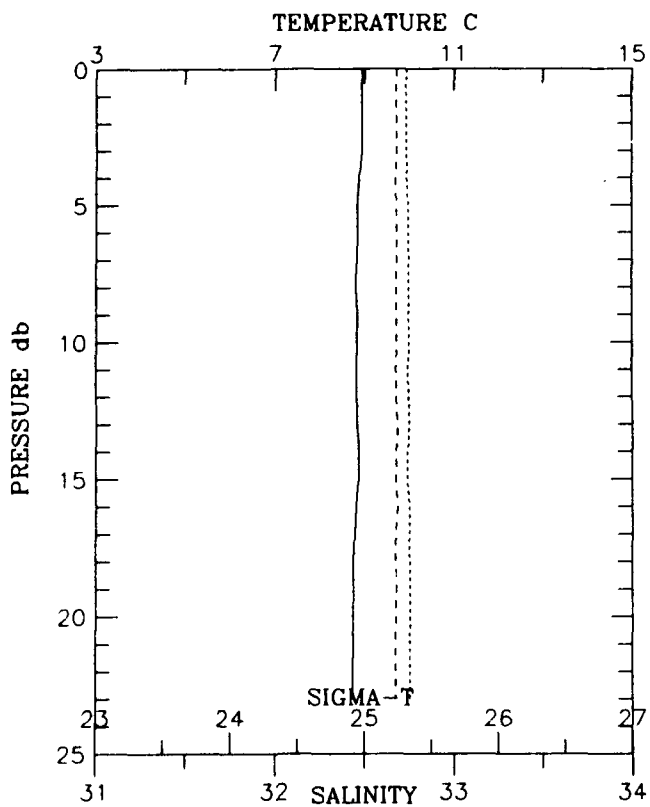
Cruise EN196 Consecutive Station # 176 Depth m:60 Time: 1989-06-09 15:35
 Position: 41° 27.50'N 68° 22.50'W Depth Deck Offset: -0.15 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 9.569	32.637	25.178	0.0000	6.789	11.1	79.2
5.0	9.552	32.637	25.181	0.0137	6.729	10.8	79.0
10.0	9.484	32.633	25.189	0.0274	6.820	14.9	78.9
15.0	9.303	32.634	25.219	0.0409	6.735	15.6	79.8
20.0	9.186	32.642	25.243	0.0543	6.645	14.7	80.7
25.0	9.139	32.646	25.254	0.0677	6.674	17.3	81.0
30.0	9.118	32.646	25.257	0.0810	6.642	17.7	81.1
35.0	8.943	32.654	25.291	0.0943	6.580	15.0	81.6
40.0	8.864	32.656	25.304	0.1075	6.449	16.9	81.8
45.0	8.725	32.661	25.329	0.1206	6.536	14.1	81.9
50.0	8.487	32.672	25.375	0.1334	6.532	11.9	82.4
55.0	8.484	32.672	25.375	0.1462	6.432	11.9	82.3
57.0	8.465	32.674	25.379	0.1513	6.440	12.0	82.3



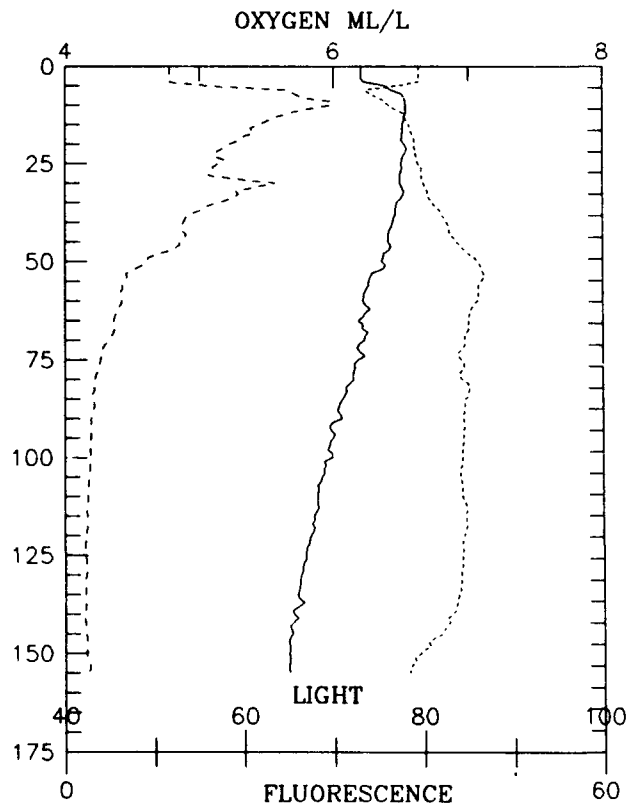
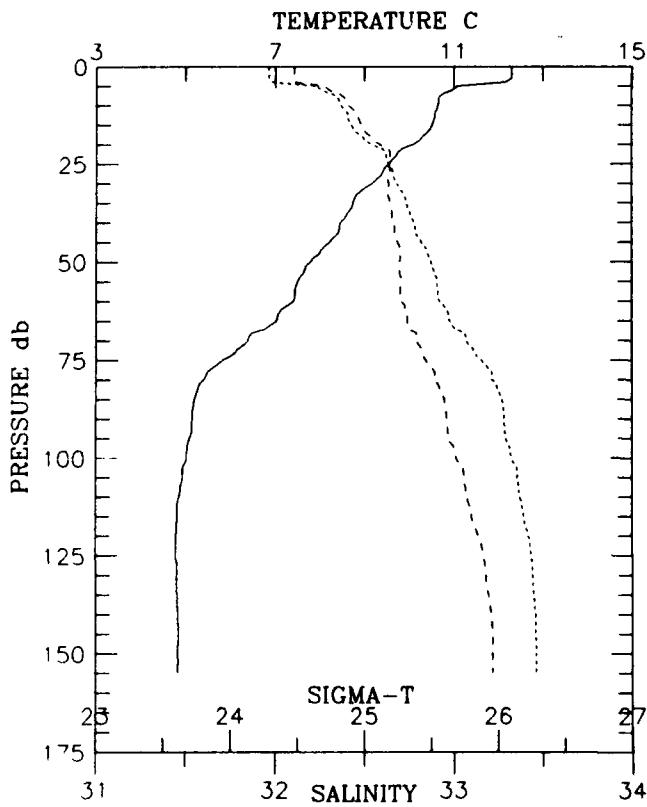
Cruise EM196 Consecutive Station # 177 Depth m:25 Time: 1989-06-09 17:14
 Position: 41° 38.78'N 68° 24.10'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	8.933	32.678	25.311	0.0000	6.391	11.8	80.3
2.0	E	8.932	32.678	25.311	0.0052	6.392	11.8	80.3
4.0		8.879	32.673	25.315	0.0104	6.361	11.3	80.4
6.0		8.835	32.677	25.325	0.0156	6.326	12.0	80.4
8.0		8.814	32.679	25.330	0.0208	6.363	12.6	80.4
10.0		8.815	32.678	25.329	0.0260	6.307	13.7	80.4
12.0		8.826	32.678	25.327	0.0312	6.311	14.1	80.4
14.0		8.870	32.679	25.321	0.0364	6.291	13.0	80.3
16.0		8.805	32.683	25.334	0.0416	6.311	14.2	80.4
18.0		8.750	32.676	25.337	0.0468	6.309	12.8	80.4
20.0		8.734	32.674	25.339	0.0520	6.297	13.6	80.4
22.0		8.741	32.676	25.339	0.0572	6.291	13.1	80.4
23.0		8.735	32.675	25.339	0.0597	6.289	13.8	80.3



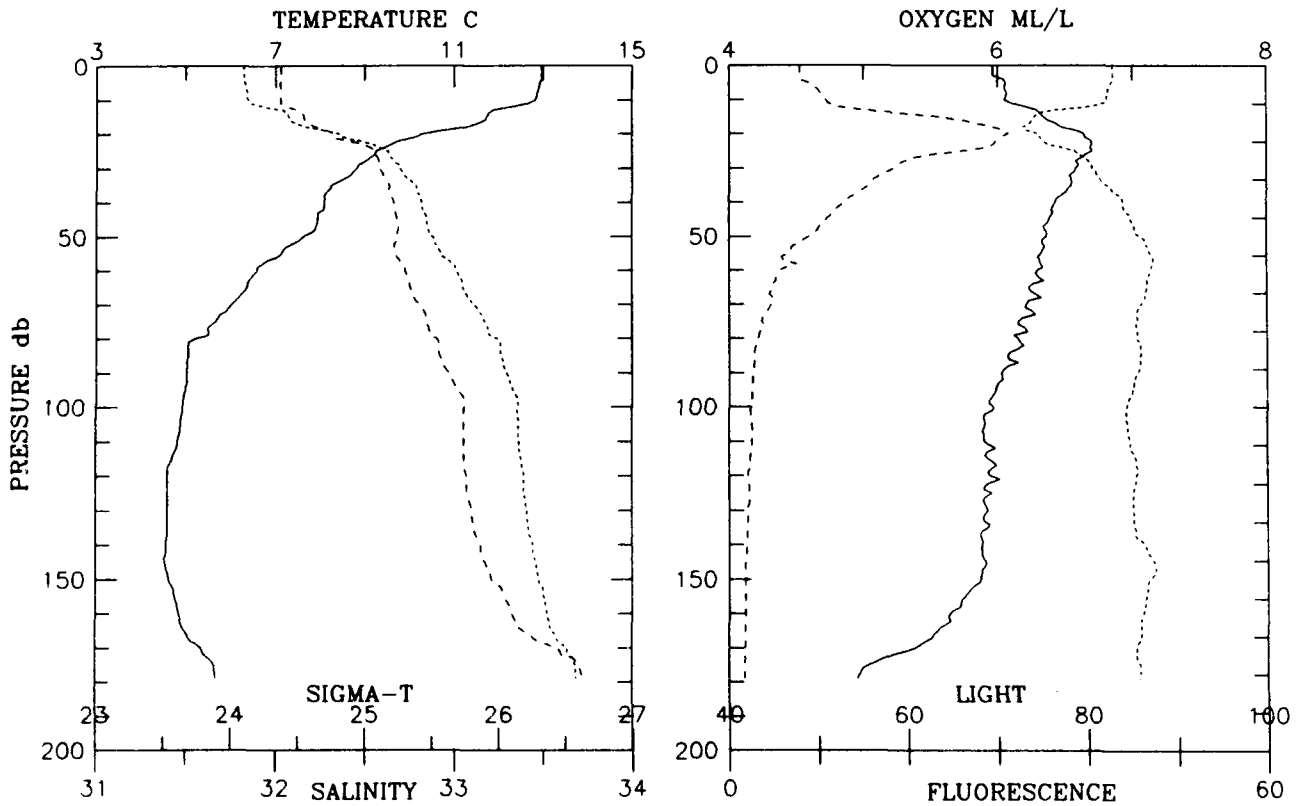
Cruise EN196 Consecutive Station # 178 Depth m:158 Time: 1989-06-09 18:10
 Position: 41° 41.20'N 68° 26.42'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	12.295	32.106	24.288	0.0000	6.204	11.7	79.5
10.0		10.640	32.409	24.822	0.0335	6.535	29.7	76.1
20.0		10.085	32.583	25.052	0.0634	6.525	18.4	79.0
30.0		9.175	32.633	25.238	0.0908	6.489	23.5	80.0
40.0		8.460	32.667	25.374	0.1170	6.439	13.2	82.5
50.0		7.782	32.694	25.495	0.1420	6.356	9.0	86.0
60.0		7.409	32.706	25.557	0.1661	6.212	6.3	86.0
70.0		6.387	32.790	25.758	0.1889	6.225	4.9	84.6
80.0		5.403	32.883	25.952	0.2098	6.147	3.3	84.3
90.0		5.155	32.960	26.041	0.2292	6.060	2.9	84.4
100.0		5.020	33.014	26.099	0.2482	5.988	2.8	84.3
110.0		4.872	33.068	26.158	0.2664	5.881	2.5	84.3
120.0		4.796	33.137	26.222	0.2842	5.825	2.3	84.4
130.0		4.804	33.178	26.253	0.3015	5.749	2.3	84.1
140.0		4.842	33.211	26.274	0.3186	5.695	2.1	83.0
150.0		4.843	33.216	26.278	0.3356	5.662	2.4	79.5
155.0		4.841	33.217	26.279	0.3441	5.666	2.5	78.4



Cruise EN196 Consecutive Station # 179 Depth m:172 Time: 1989-06-09 19:03
 Position: 41° 42.21'N 68° 27.91'W Depth Deck Offset: -0.15 Fish 1

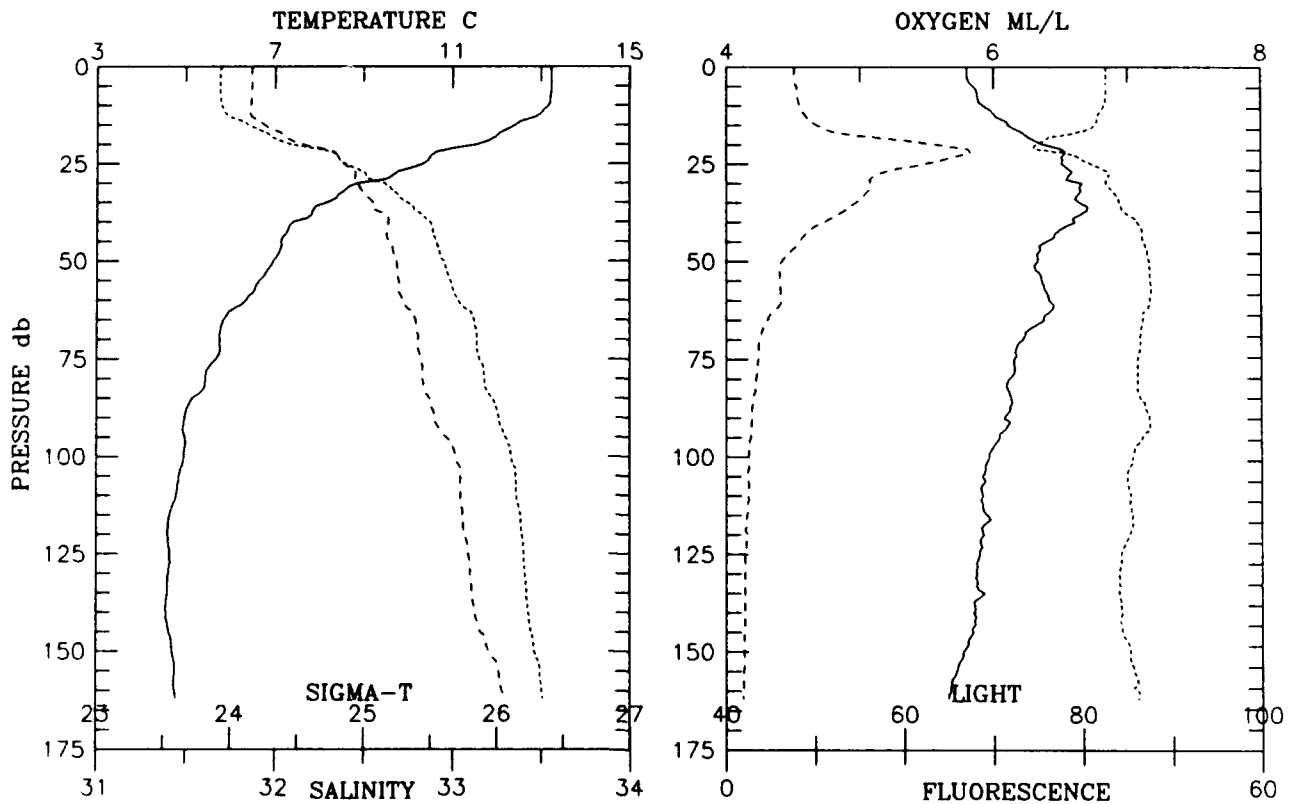
PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	12.977	32.030	24.098	0.0000	5.965	7.9	82.8
10.0		12.832	32.029	24.125	0.0376	6.048	10.8	82.2
20.0		10.297	32.323	24.813	0.0722	6.641	31.2	74.6
30.0		8.811	32.585	25.257	0.1003	6.581	18.3	80.5
40.0		8.102	32.665	25.425	0.1260	6.428	12.9	84.0
50.0		7.620	32.682	25.509	0.1508	6.358	9.0	85.8
60.0		6.595	32.725	25.680	0.1743	6.291	5.7	87.0
70.0		6.012	32.807	25.819	0.1963	6.209	4.7	85.9
80.0		5.219	32.902	25.988	0.2169	6.152	3.2	85.4
90.0		5.028	32.971	26.064	0.2362	6.026	2.6	85.5
100.0		4.937	33.058	26.143	0.2548	5.960	2.4	84.3
110.0		4.830	33.054	26.152	0.2730	5.901	2.5	84.7
120.0		4.602	33.069	26.188	0.2909	5.942	2.1	85.4
130.0		4.606	33.099	26.211	0.3087	5.926	2.1	85.0
140.0		4.579	33.149	26.254	0.3261	5.882	1.9	86.3
150.0		4.628	33.209	26.296	0.3431	5.869	1.8	86.8
160.0		4.851	33.321	26.361	0.3595	5.639	1.8	86.1
170.0		5.363	33.586	26.512	0.3753	5.380	1.8	85.4
179.0		5.685	33.719	26.580	0.3883	4.956	1.7	85.7



Cruise EN196 Consecutive Station # 180 Depth m:171 Time: 1989-06-09 19:42
 Position: 41° 43.00'N 68° 29.00'W Depth Deck Offset: -0.15 Fish 1

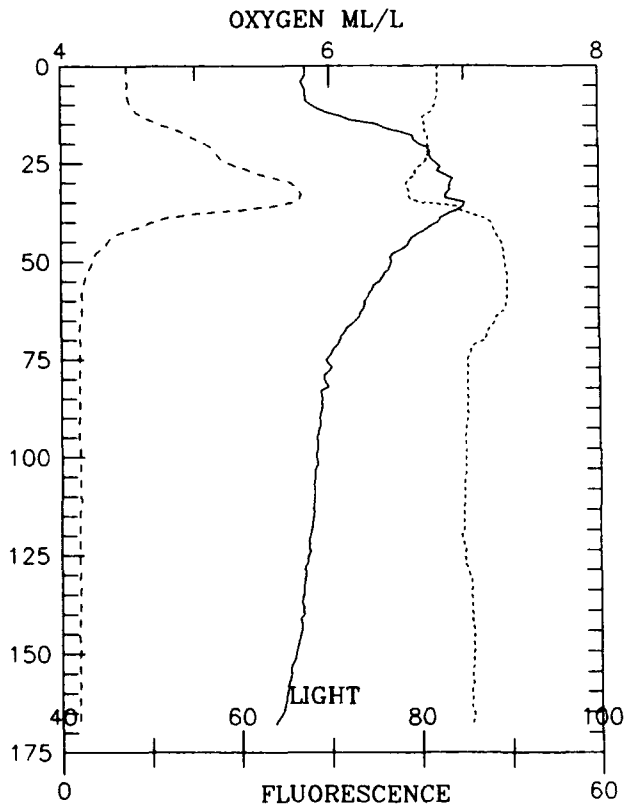
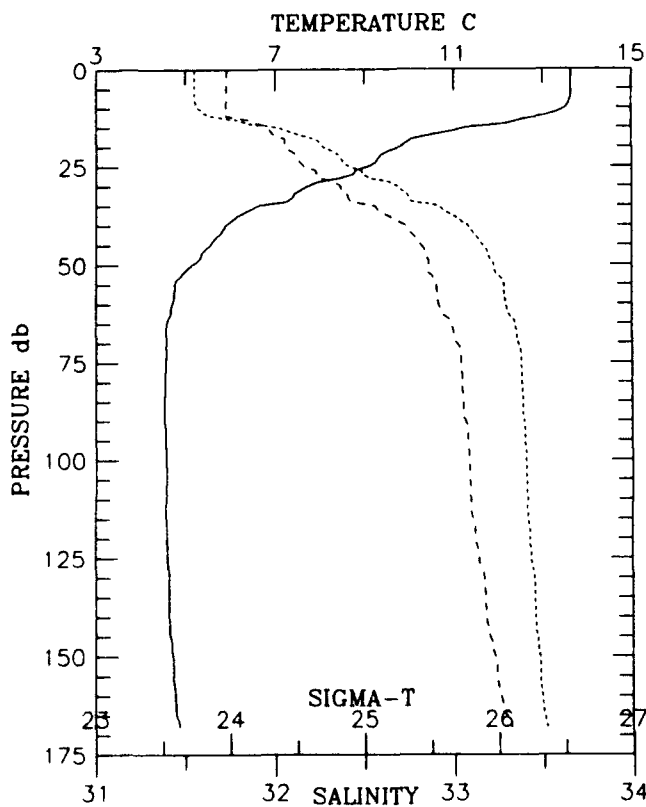
PRESSURE Interp TEMP SALINITY SIGMA-T DELTA-D OXYGEN CHANNELA CHANNELB
 (d-bars) (deg C) (0/00)

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%light)	CHANNELB (%light)
0.0	E	13.233	31.871	23.925	0.0000	5.803	7.6	82.6
10.0		13.171	31.864	23.932	0.0394	5.926	8.2	82.4
20.0		11.554	32.150	24.458	0.0767	6.382	23.9	74.7
30.0		8.889	32.470	25.155	0.1071	6.661	16.2	82.6
40.0		7.413	32.637	25.501	0.1331	6.605	10.8	86.1
50.0		6.959	32.685	25.602	0.1570	6.329	6.2	87.4
60.0		6.352	32.716	25.704	0.1799	6.416	6.2	87.5
70.0		5.761	32.804	25.847	0.2013	6.214	3.8	86.4
80.0		5.444	32.832	25.906	0.2221	6.115	3.3	86.1
90.0		4.985	32.899	26.012	0.2421	6.078	2.9	87.4
100.0		4.964	33.020	26.110	0.2610	5.967	2.5	85.5
110.0		4.799	33.044	26.147	0.2793	5.919	2.4	85.3
120.0		4.610	33.067	26.186	0.2973	5.923	2.5	85.1
130.0		4.627	33.101	26.211	0.3149	5.869	2.1	84.0
140.0		4.573	33.125	26.236	0.3324	5.850	2.1	84.3
150.0		4.711	33.202	26.282	0.3496	5.768	2.0	85.2
160.0		4.761	33.277	26.336	0.3662	5.678	1.9	86.2
162.0		4.797	33.292	26.344	0.3694	5.660	1.9	86.1



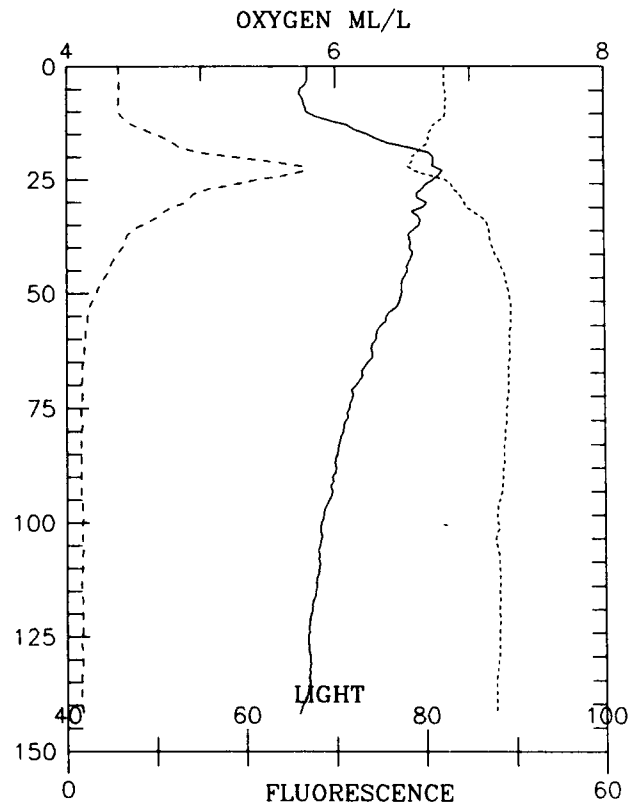
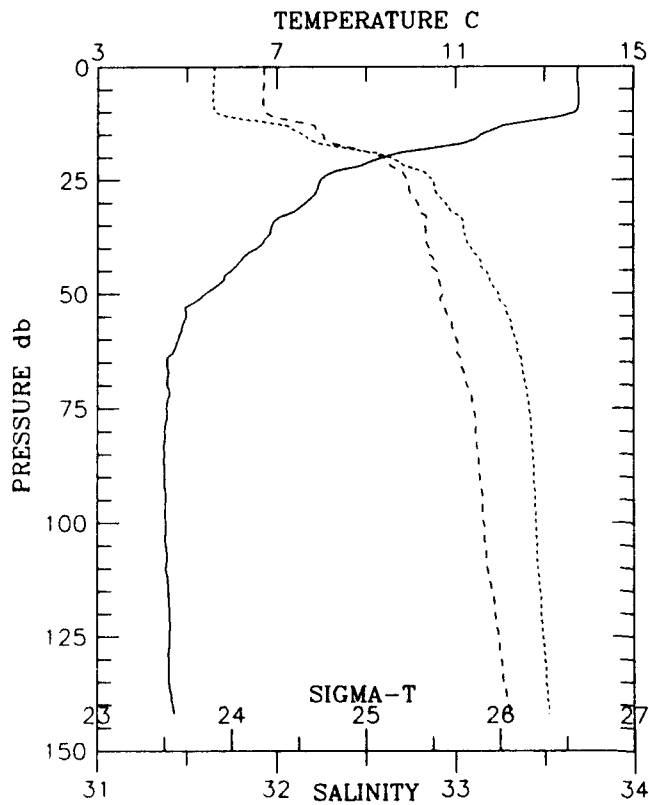
Cruise EN196 Consecutive Station # 181 Depth m:191 Time: 1989-06-09 20:28
 Position: 41° 45.00'N 68° 32.48'W Depth Deck Offset: -0.15 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 13.644	31.731	23.735	0.0000	5.822	7.4	82.1
10.0	13.502	31.729	23.761	0.0412	5.865	7.8	81.8
20.0	9.801	32.056	24.687	0.0773	6.668	16.1	81.0
30.0	7.749	32.365	25.241	0.1071	6.895	25.6	78.5
40.0	5.888	32.728	25.772	0.1315	6.806	10.2	87.9
50.0	5.140	32.866	25.964	0.1522	6.457	3.5	89.5
60.0	4.706	32.9	26.055	0.1715	6.260	2.4	89.6
70.0	4.570	33.011	26.146	0.1899	6.069	2.0	87.2
80.0	4.541	33.045	26.176	0.2079	5.954	2.0	85.2
90.0	4.536	33.064	26.191	0.2257	5.919	2.0	85.2
100.0	4.561	33.080	26.201	0.2433	5.891	2.0	84.9
110.0	4.578	33.094	26.211	0.2610	5.874	2.0	84.8
120.0	4.589	33.119	26.229	0.2784	5.847	2.0	84.5
130.0	4.630	33.166	26.262	0.2957	5.805	2.0	85.3
140.0	4.636	33.177	26.270	0.3127	5.796	2.0	85.7
150.0	4.722	33.229	26.302	0.3296	5.736	2.0	85.7
160.0	4.778	33.261	26.322	0.3463	5.672	1.9	85.5
168.0	4.881	33.322	26.358	0.3594	5.586	2.0	85.6



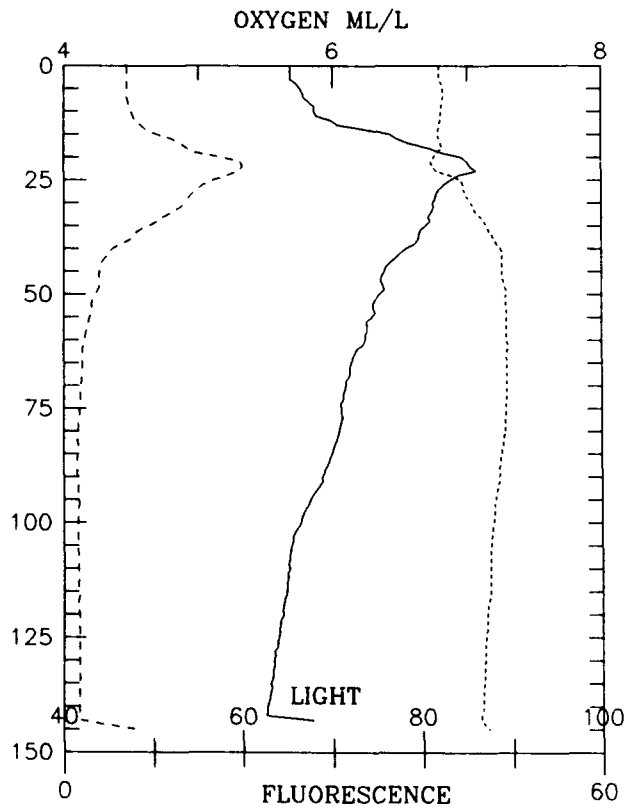
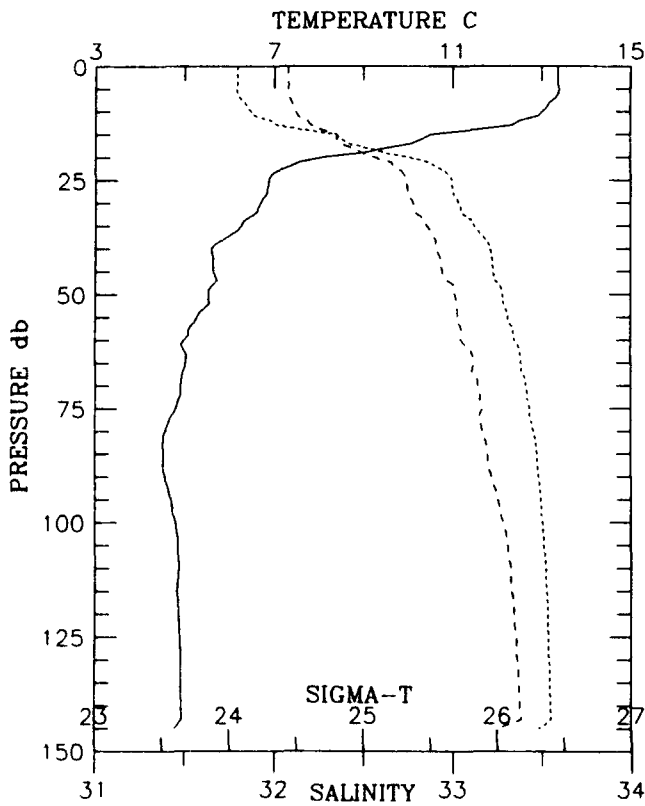
Cruise EN196 Consecutive Station # 182 Depth m:165 Time: 1989-06-09 21:56
 Position: 41° 49.17'N 68° 38.87'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.750	31.931	23.868	0.0000	5.791	5.8	82.2
10.0		13.718	31.932	23.875	0.0400	5.788	5.8	82.3
20.0		9.381	32.596	25.176	0.0736	6.729	18.8	78.5
30.0		7.639	32.788	25.589	0.0985	6.682	13.2	84.4
40.0		6.568	32.853	25.785	0.1209	6.548	6.2	87.6
50.0		5.410	32.932	25.989	0.1415	6.492	3.3	89.4
60.0		4.808	33.006	26.116	0.1605	6.301	2.1	89.4
70.0		4.552	33.063	26.188	0.1785	6.150	1.6	89.2
80.0		4.504	33.112	26.233	0.1960	6.053	1.6	88.9
90.0		4.505	33.136	26.252	0.2132	5.972	1.6	88.6
100.0		4.529	33.158	26.267	0.2303	5.891	1.7	88.0
110.0		4.535	33.177	26.281	0.2472	5.872	1.7	88.2
120.0		4.617	33.220	26.306	0.2640	5.811	1.7	88.1
130.0		4.603	33.256	26.336	0.2805	5.801	1.7	88.0
140.0		4.690	33.298	26.360	0.2968	5.745	1.6	87.8
142.0		4.714	33.307	26.365	0.3000	5.725	1.7	87.8



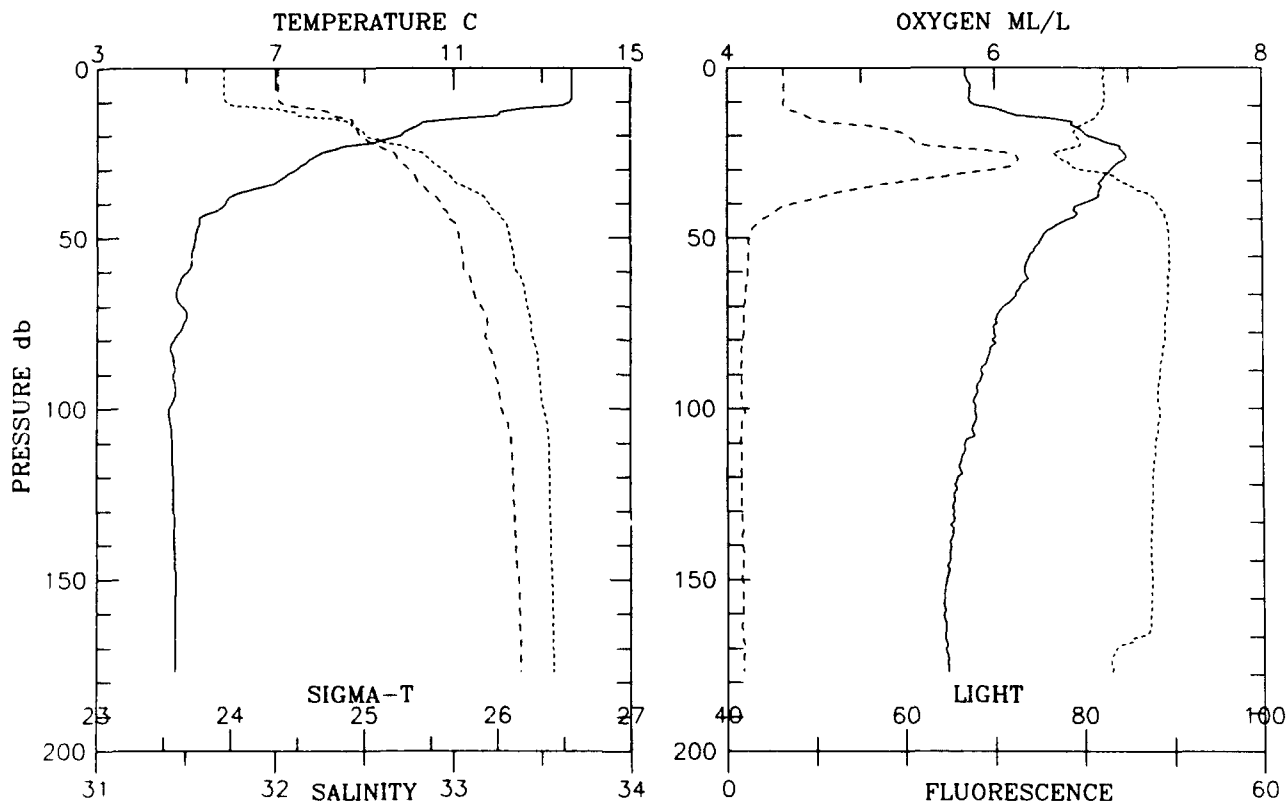
Cruise EN196 Consecutive Station # 183 Depth m:165 Time: 1989-06-09 23:12
 Position: 41° 52.90'N 68° 49.70'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.362	32.079	24.060	0.0000	5.685	7.0	81.9
10.0		13.014	32.121	24.161	0.0379	5.864	7.5	82.1
20.0		8.100	32.563	25.346	0.0700	6.962	17.7	81.3
30.0		6.694	32.776	25.708	0.0932	6.743	13.5	85.4
40.0		5.590	32.908	25.949	0.1144	6.542	5.4	88.7
50.0		5.533	33.011	26.037	0.1341	6.351	3.5	89.3
60.0		4.984	33.047	26.129	0.1528	6.246	2.3	89.4
70.0		4.916	33.142	26.212	0.1707	6.096	1.8	89.4
80.0		4.577	33.167	26.269	0.1879	6.048	1.6	89.2
90.0		4.578	33.220	26.311	0.2047	5.920	1.5	88.5
100.0		4.810	33.288	26.339	0.2211	5.765	1.6	87.9
110.0		4.877	33.324	26.361	0.2374	5.674	1.6	87.5
120.0		4.882	33.344	26.376	0.2534	5.631	1.7	87.1
130.0		4.924	33.362	26.386	0.2694	5.561	1.7	86.9
140.0		4.932	33.376	26.396	0.2853	5.512	1.7	86.7
145.0		4.788	33.247	26.309	0.2933	19.455	8.2	87.4



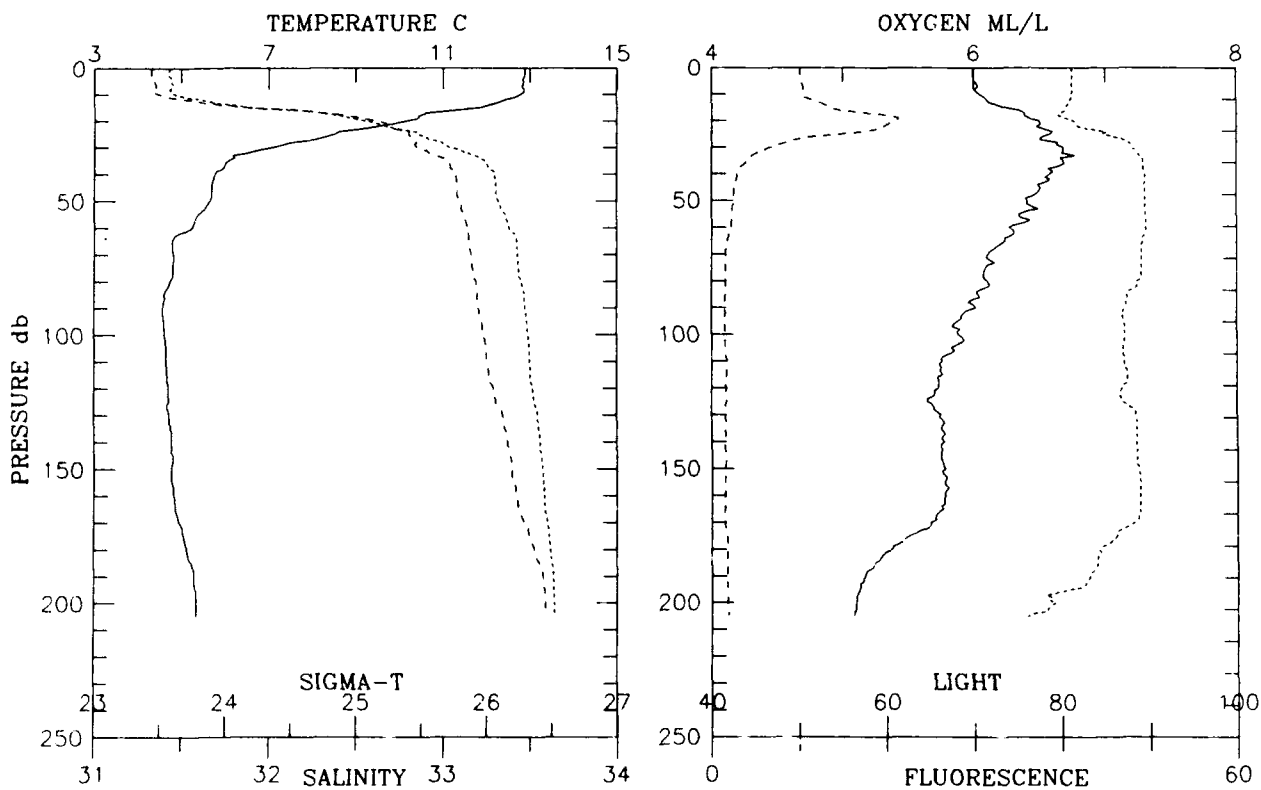
Cruise EN196 Consecutive Station # 184 Depth m:192 Time: 1989-06-10 00:29
 Position: 41° 56.50'N 69° 0.00'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	13.671	32.013	23.947	0.0000	5.784	6.3	82.3
10.0		13.629	32.021	23.962	0.0392	5.815	6.3	82.3
20.0		9.825	32.470	25.006	0.0718	6.688	20.3	79.1
30.0		7.469	32.753	25.585	0.0974	6.869	29.9	79.5
40.0		5.885	32.939	25.938	0.1192	6.662	7.3	88.2
50.0		5.207	33.035	26.094	0.1383	6.353	2.5	89.5
60.0		5.018	33.068	26.142	0.1568	6.223	2.2	89.5
70.0		4.912	33.156	26.223	0.1744	6.065	1.8	89.3
80.0		4.743	33.192	26.271	0.1916	5.978	1.7	89.0
90.0		4.705	33.240	26.313	0.2084	5.908	1.6	88.4
100.0		4.622	33.272	26.347	0.2248	5.848	1.8	88.4
110.0		4.686	33.327	26.384	0.2409	5.771	1.5	88.0
120.0		4.713	33.338	26.390	0.2568	5.721	1.6	87.6
130.0		4.725	33.344	26.393	0.2726	5.689	1.6	87.5
140.0		4.741	33.351	26.397	0.2885	5.669	1.6	87.3
150.0		4.780	33.370	26.407	0.3043	5.633	1.6	87.5
160.0		4.766	33.375	26.414	0.3200	5.615	1.7	87.3
170.0		4.759	33.379	26.417	0.3357	5.629	1.9	83.5
177.0		4.756	33.381	26.419	0.3466	5.650	1.8	83.0



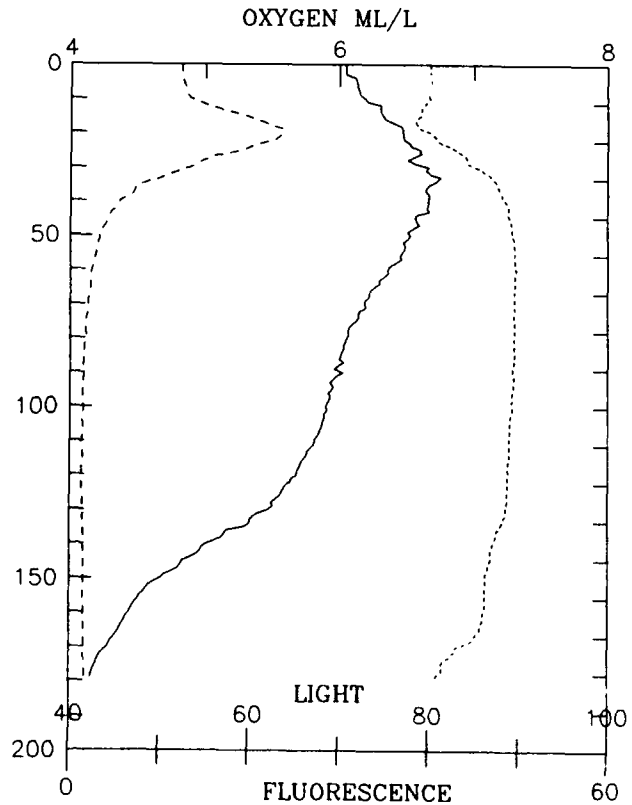
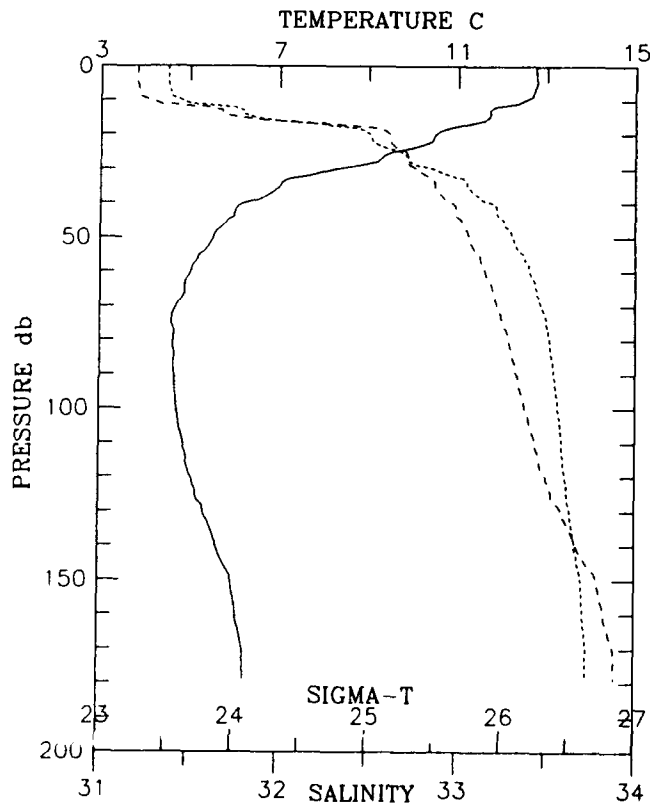
Cruise EN196 Consecutive Station # 185 Depth m:212 Time: 1989-06-10 01:51
 Position: 41° 53.20'N 69° 12.00'W Depth Deck Offset: -0.15 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 12.887	31.327	23.571	0.0000	5.995	10.2	81.2
10.0	12.796	31.373	23.625	0.0426	6.045	10.5	81.1
20.0	10.162	32.630	25.075	0.0782	6.497	21.1	81.4
30.0	7.087	32.848	25.713	0.1031	6.678	6.7	88.0
40.0	5.767	33.072	26.058	0.1232	6.578	2.9	89.5
50.0	5.646	33.096	26.091	0.1420	6.409	2.5	89.5
60.0	5.238	33.135	26.170	0.1602	6.268	2.2	89.6
70.0	4.823	33.161	26.237	0.1777	6.108	1.6	89.1
80.0	4.733	33.189	26.269	0.1948	6.104	1.6	88.6
90.0	4.578	33.202	26.296	0.2117	6.018	1.5	87.3
100.0	4.622	33.235	26.318	0.2283	5.874	1.5	87.1
110.0	4.648	33.249	26.326	0.2448	5.759	1.7	87.1
120.0	4.707	33.288	26.351	0.2611	5.730	1.7	86.9
130.0	4.725	33.342	26.391	0.2772	5.750	1.6	88.4
140.0	4.779	33.372	26.409	0.2930	5.775	1.6	88.5
150.0	4.779	33.393	26.426	0.3086	5.780	1.5	88.7
160.0	4.835	33.421	26.442	0.3241	5.776	1.4	88.9
170.0	4.956	33.465	26.463	0.3395	5.665	1.5	88.2
180.0	5.130	33.524	26.490	0.3546	5.374	1.8	84.3
190.0	5.284	33.571	26.510	0.3695	5.168	1.7	83.1
200.0	5.338	33.585	26.515	0.3843	5.097	1.8	79.2
205.0	5.345	33.587	26.515	0.3917	5.082	1.8	76.0



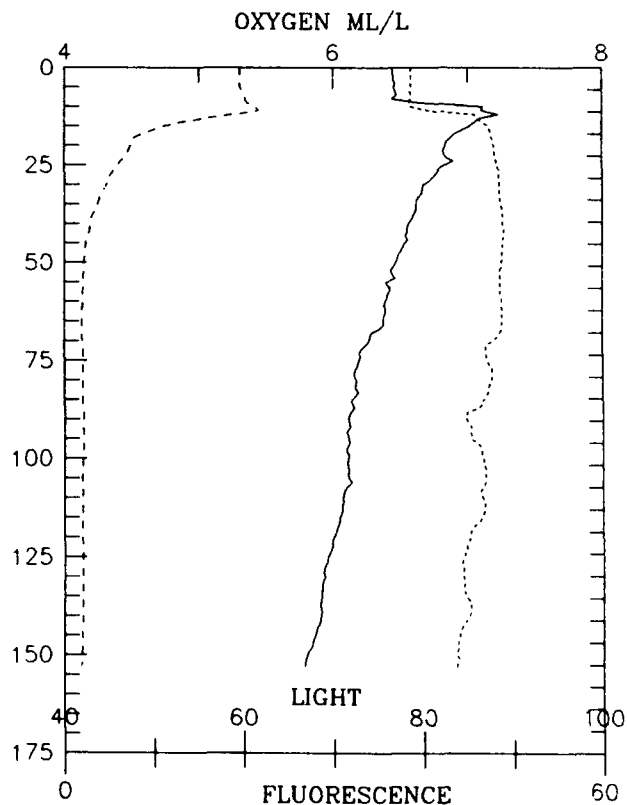
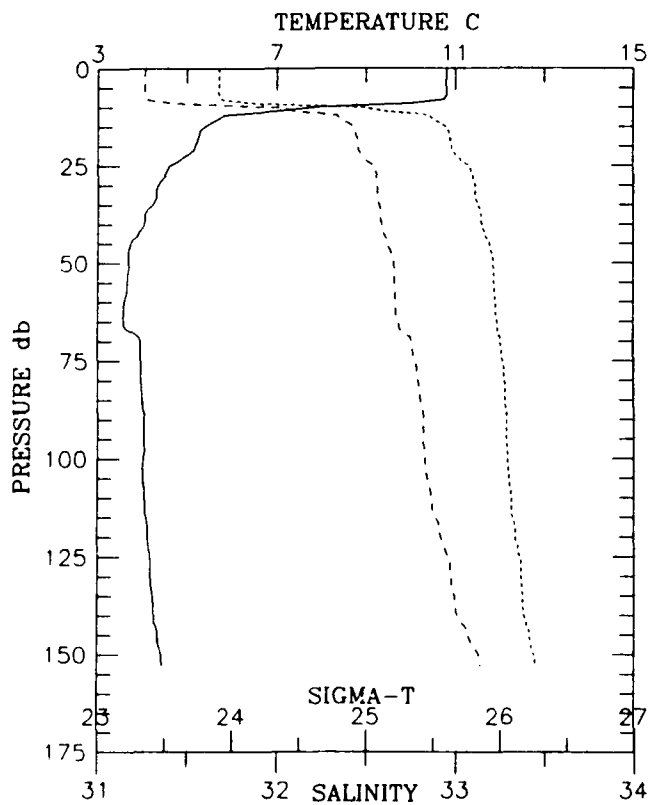
Cruise EN196 Consecutive Station # 186 Depth m:190 Time: 1989-06-10 03:21
 Position: 41° 50.20'N 69° 23.40'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	12.758	31.206	23.503	0.0000	6.047	12.4	80.1
10.0		12.495	31.280	23.610	0.0433	6.196	13.4	80.1
20.0		10.492	32.616	25.008	0.0790	6.471	23.7	80.2
30.0		8.263	32.780	25.492	0.1062	6.663	13.5	85.4
40.0		6.224	32.968	25.919	0.1284	6.662	5.5	88.6
50.0		5.529	33.066	26.081	0.1479	6.529	3.3	89.3
60.0		5.030	33.153	26.208	0.1660	6.360	2.4	89.7
70.0		4.704	33.223	26.299	0.1831	6.194	2.0	89.6
80.0		4.641	33.289	26.359	0.1995	6.059	1.7	89.5
90.0		4.668	33.332	26.389	0.2154	6.029	1.6	89.4
100.0		4.728	33.379	26.420	0.2311	5.904	1.5	89.3
110.0		4.876	33.438	26.451	0.2465	5.822	1.3	89.0
120.0		5.060	33.500	26.479	0.2617	5.684	1.3	88.8
130.0		5.353	33.588	26.516	0.2766	5.475	1.5	88.6
140.0		5.619	33.672	26.550	0.2912	5.022	1.4	87.1
150.0		5.964	33.786	26.598	0.3054	4.670	1.5	86.3
160.0		6.085	33.827	26.615	0.3193	4.443	1.6	86.1
170.0		6.238	33.881	26.638	0.3331	4.278	1.6	82.9
179.0		6.257	33.888	26.641	0.3454	4.159	1.7	80.8



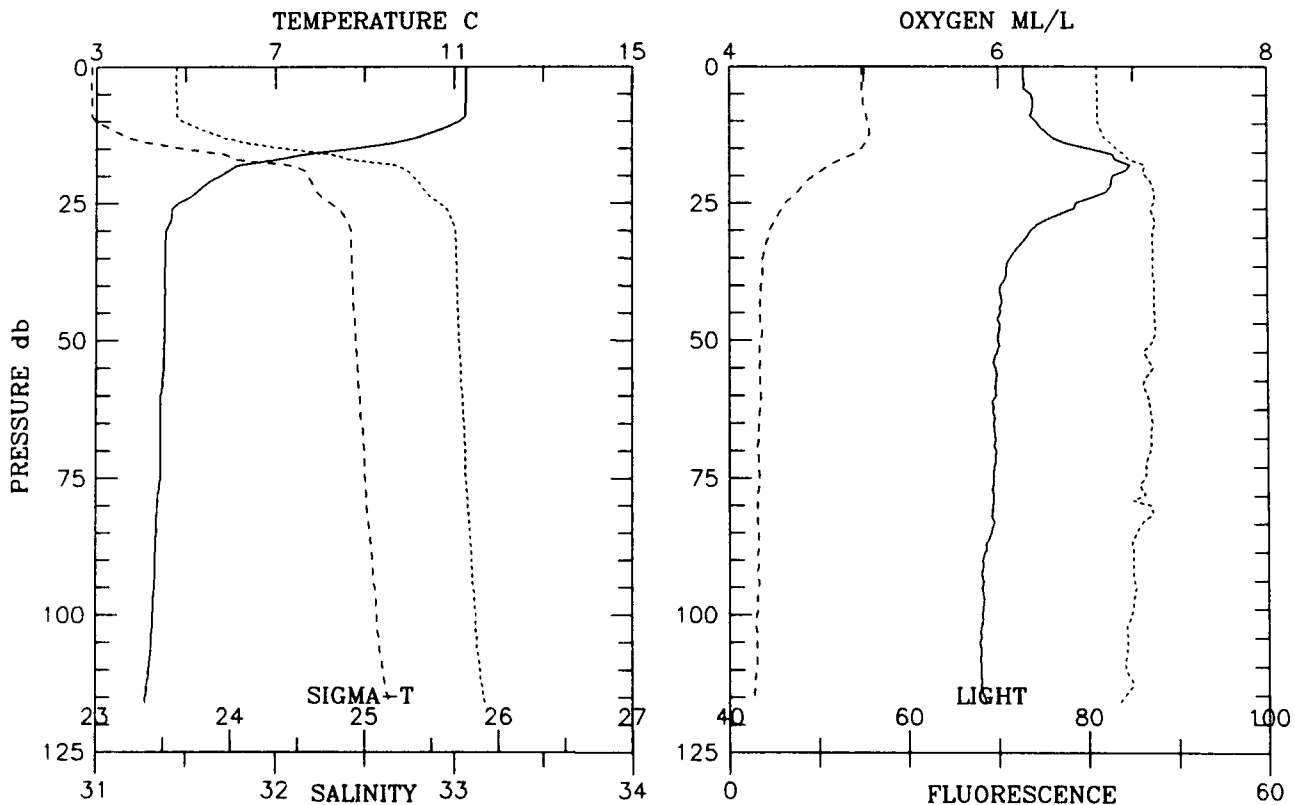
Cruise EN196 Consecutive Station # 187 Depth m:165 Time: 1989-06-10 04:43
 Position: 41° 46.29'N 69° 34.13'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.797	31.265	23.904	0.0000	6.443	19.6	78.7
10.0		7.786	32.030	24.973	0.0387	7.113	21.4	78.7
20.0		5.179	32.457	25.640	0.0629	6.837	7.4	87.9
30.0		4.336	32.560	25.812	0.0849	6.671	4.7	88.5
40.0		4.029	32.587	25.864	0.1059	6.559	2.9	88.9
50.0		3.691	32.655	25.951	0.1262	6.460	2.1	88.7
60.0		3.599	32.664	25.967	0.1460	6.384	2.0	88.7
70.0		3.962	32.754	26.004	0.1657	6.269	2.0	87.7
80.0		3.970	32.789	26.031	0.1850	6.171	2.0	87.6
90.0		4.029	32.820	26.049	0.2041	6.106	2.1	84.8
100.0		4.024	32.830	26.058	0.2231	6.107	2.0	86.7
110.0		4.057	32.866	26.083	0.2420	6.070	2.0	86.6
120.0		4.128	32.917	26.117	0.2606	6.002	2.0	85.2
130.0		4.186	32.973	26.155	0.2787	5.935	2.0	84.4
140.0		4.259	33.010	26.177	0.2967	5.906	2.0	85.0
150.0		4.433	33.128	26.253	0.3142	5.803	1.9	83.7
153.0		4.454	33.141	26.261	0.3194	5.784	1.8	83.7



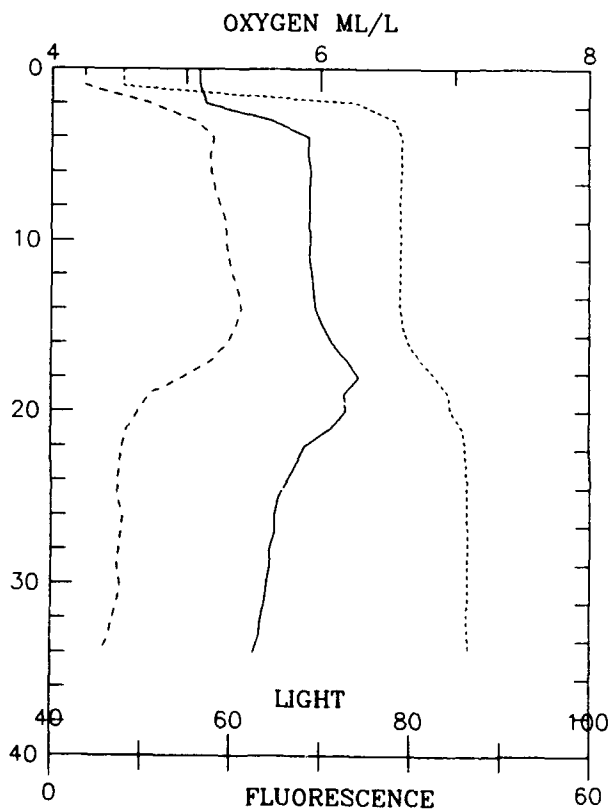
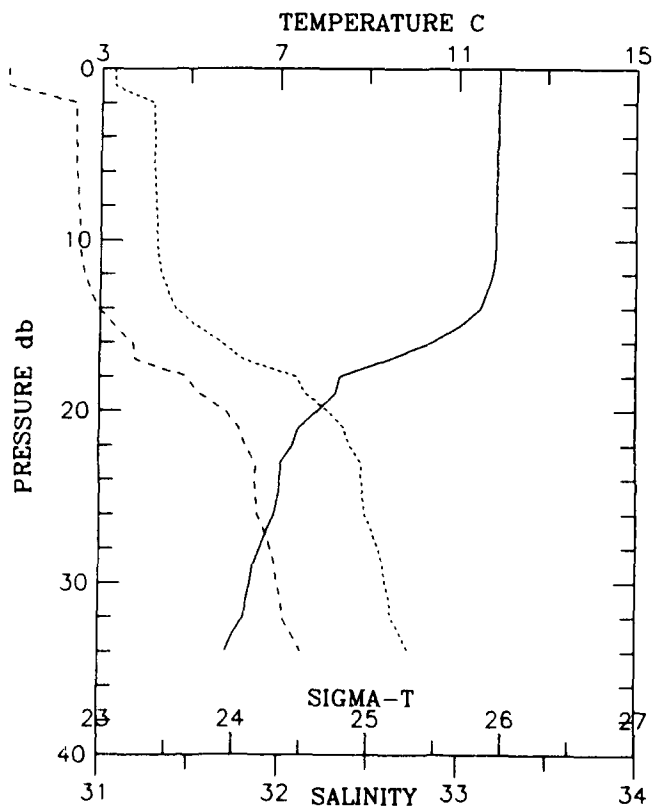
Cruise EN196 Consecutive Station # 188 Depth m:124 Time: 1989-06-10 05:59
 Position: 41° 46.29'N 69° 34.13'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	11.267	30.974	23.596	0.0000	6.190	14.8	81.0
10.0		11.120	30.999	23.642	0.0424	6.278	15.4	81.1
20.0		5.766	32.181	25.354	0.0765	6.853	9.4	86.4
30.0		4.564	32.421	25.678	0.1004	6.246	4.4	87.2
40.0		4.537	32.433	25.690	0.1228	6.018	3.5	87.3
50.0		4.526	32.449	25.704	0.1452	5.999	3.5	87.2
60.0		4.446	32.473	25.731	0.1674	5.979	3.5	86.6
70.0		4.443	32.498	25.751	0.1893	5.979	3.1	86.9
80.0		4.374	32.511	25.769	0.2111	5.956	3.1	87.0
90.0		4.328	32.543	25.799	0.2327	5.881	3.1	84.9
100.0		4.267	32.570	25.827	0.2540	5.877	3.0	84.7
110.0		4.182	32.602	25.861	0.2750	5.868	2.9	84.1
116.0		4.108	32.636	25.895	0.2874	5.904	2.7	83.4



Cruise EN196 Consecutive Station # 189 Depth m:37 Time: 1989-06-10 07:24
 Position: 41° 42.38'N 69° 49.71'W Depth Deck Offset: -0.15 Fish 1

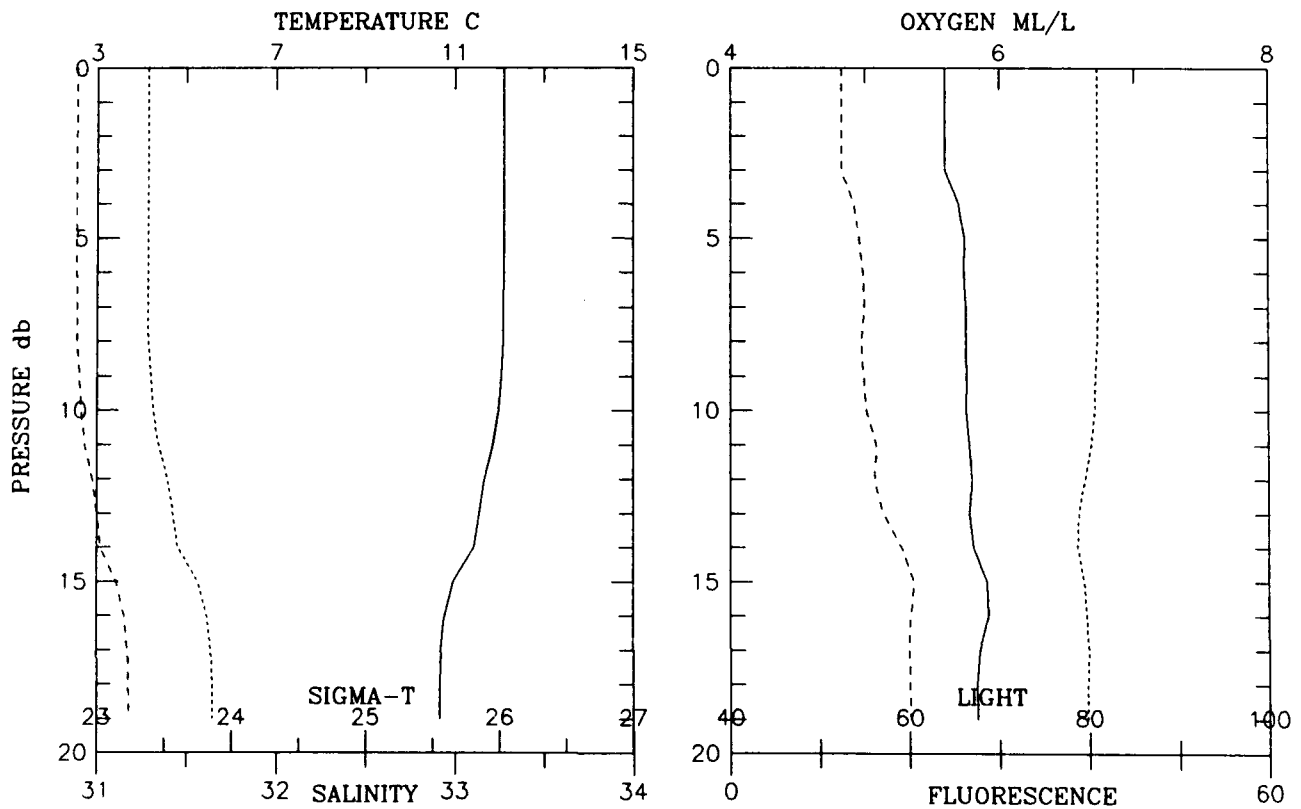
PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 11.910	30.478	23.096	0.0000	5.101	3.7	48.0
2.0	11.896	30.859	23.394	0.0093	5.150	11.0	74.1
4.0	11.888	30.860	23.397	0.0182	5.916	18.1	79.1
6.0	11.881	30.865	23.402	0.0271	5.931	17.9	79.1
8.0	11.863	30.877	23.414	0.0359	5.922	18.9	78.9
10.0	11.851	30.884	23.422	0.0448	5.928	19.5	79.0
12.0	11.785	30.909	23.453	0.0536	5.939	20.2	78.9
14.0	11.517	30.992	23.566	0.0622	5.967	21.2	78.9
16.0	10.424	31.181	23.902	0.0705	6.087	19.7	79.8
18.0	8.366	31.485	24.462	0.0780	6.289	14.7	82.9
20.0	7.875	31.701	24.702	0.0846	6.190	9.7	84.5
22.0	7.321	31.815	24.868	0.0908	5.888	8.0	86.2
24.0	7.021	31.865	24.948	0.0968	5.758	7.4	86.3
26.0	6.896	31.882	24.977	0.1026	5.660	8.0	86.3
28.0	6.578	31.955	25.076	0.1084	5.624	7.5	86.4
30.0	6.384	31.995	25.131	0.1140	5.606	7.7	86.4
32.0	6.246	32.026	25.174	0.1195	5.567	6.9	86.3
34.0	5.836	32.132	25.307	0.1248	5.505	5.6	86.5



Cruise EN196 Consecutive Station # 190 Depth m:21 Time: 1989-06-10 08:32
 Position: 41° 40.00'M 69° 53.30'W Depth Deck Offset: -0.15 Fish 1

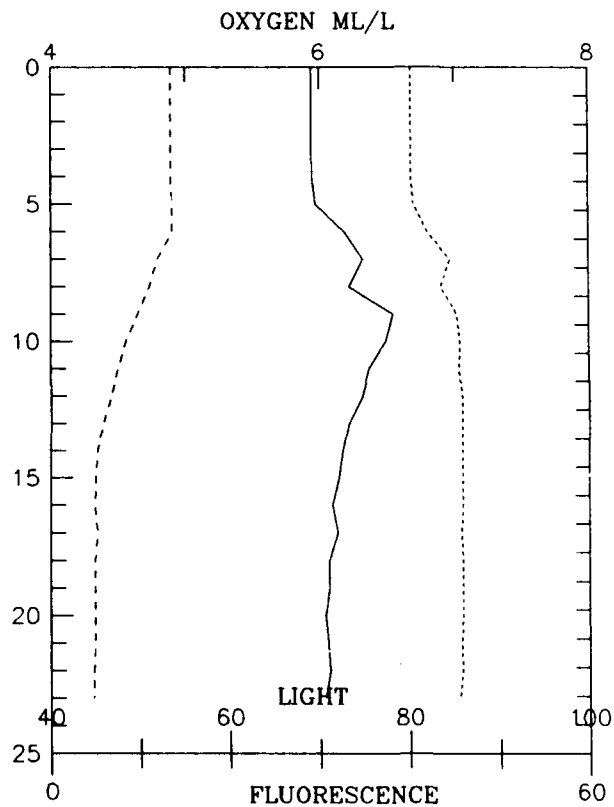
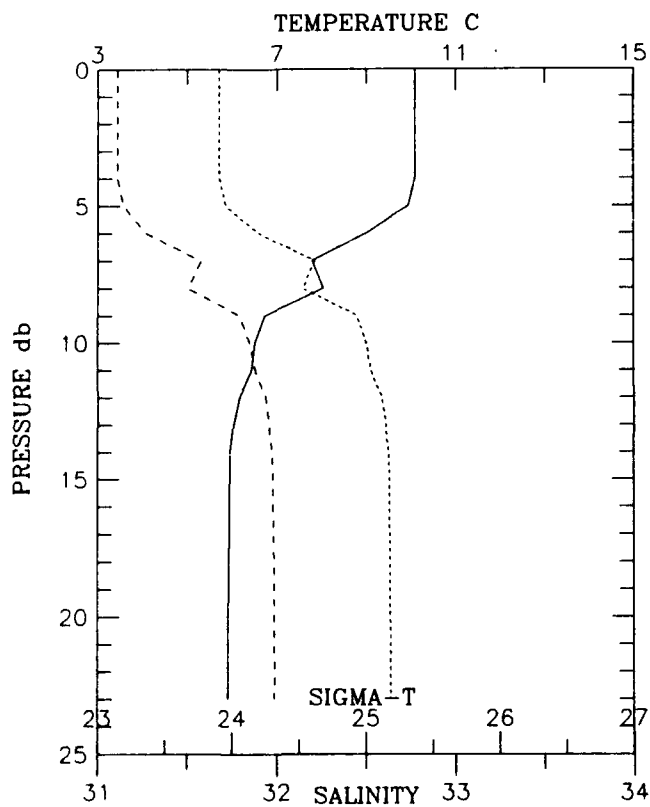
PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
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0.0	E	12.100	30.887	23.379	0.0000	5.597	12.4	80.9
2.0	E	12.100	30.886	23.378	0.0089	5.598	12.4	80.9
4.0		12.095	30.886	23.379	0.0178	5.702	13.8	81.0
6.0		12.095	30.886	23.379	0.0267	5.739	14.8	80.9
8.0		12.088	30.888	23.382	0.0356	5.756	14.6	80.9
10.0		11.986	30.912	23.419	0.0445	5.756	15.2	80.6
12.0		11.665	30.976	23.527	0.0533	5.798	16.1	79.5
14.0		11.426	31.020	23.604	0.0618	5.806	19.1	78.7
16.0		10.774	31.155	23.822	0.0701	5.919	20.1	79.7
18.0		10.662	31.177	23.859	0.0781	5.830	20.0	79.8
19.0		10.656	31.179	23.861	0.0821	5.838	20.1	79.8



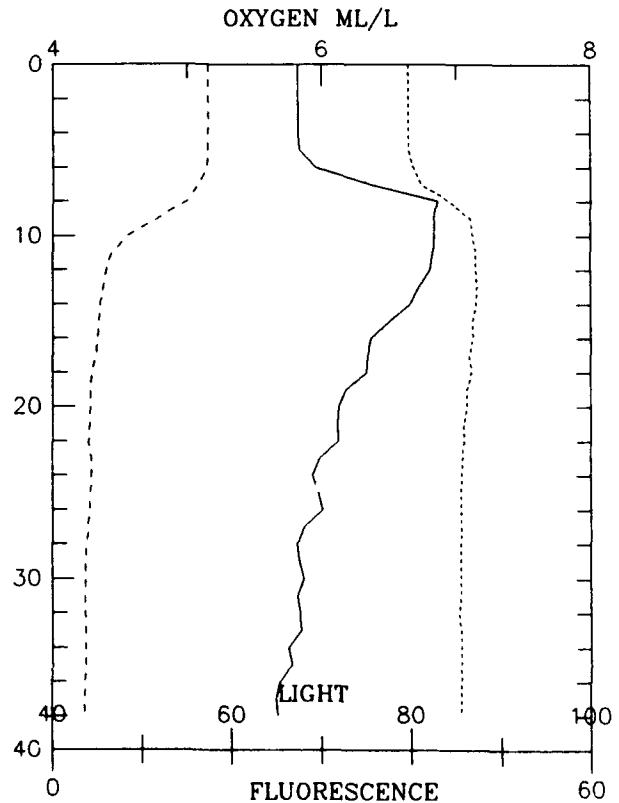
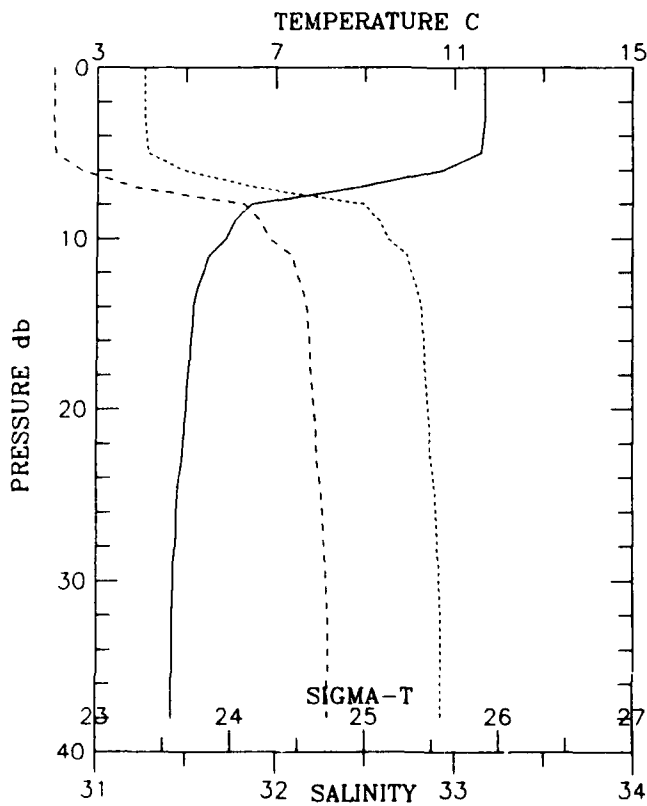
Cruise EN196 Consecutive Station # 191 Depth m:25 Time: 1989-06-10 11:08
 Position: 41° 58.80'N 69° 58.80'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.083	31.111	23.904	0.0000	5.943	13.4	80.2
2.0	E	10.083	31.110	23.903	0.0079	5.944	13.4	80.2
4.0		10.083	31.109	23.903	0.0158	5.946	13.4	80.2
6.0		9.014	31.273	24.199	0.0235	6.184	13.6	82.0
8.0		8.039	31.508	24.527	0.0303	6.220	11.0	83.5
10.0		6.514	31.849	25.001	0.0364	6.491	8.4	85.6
12.0		6.153	31.937	25.114	0.0421	6.318	6.7	85.8
14.0		5.964	31.974	25.167	0.0476	6.168	5.2	85.9
16.0		5.940	31.980	25.174	0.0531	6.095	4.9	85.9
18.0		5.927	31.985	25.180	0.0586	6.070	4.9	85.9
20.0		5.920	31.986	25.181	0.0640	6.039	4.9	85.9
22.0		5.912	31.989	25.185	0.0695	6.076	4.8	85.8
23.0		5.912	31.987	25.183	0.0722	6.038	4.8	85.5



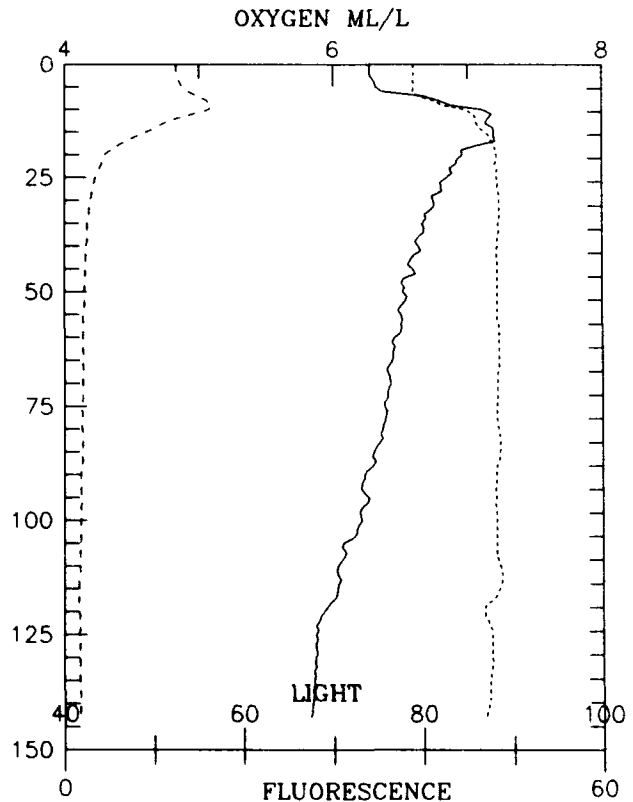
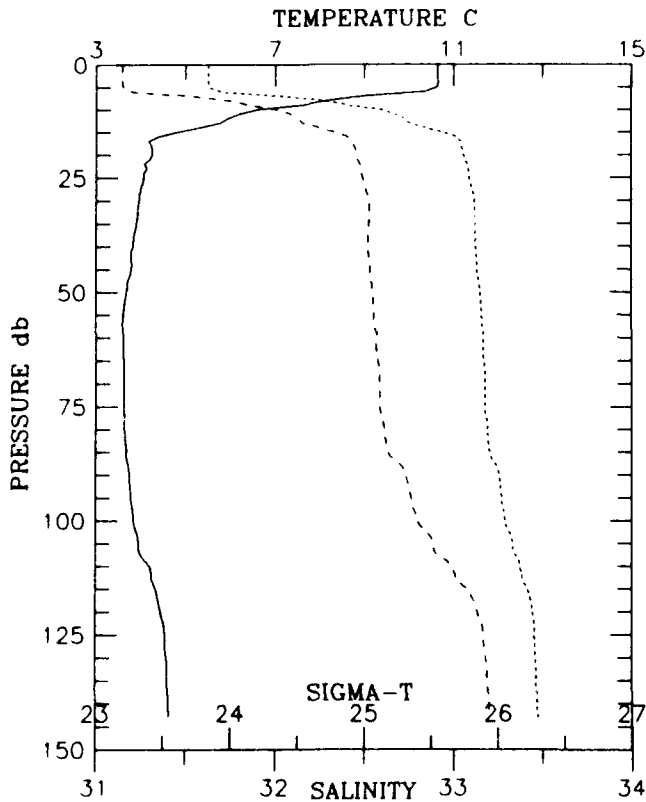
Cruise EN196 Consecutive Station # 192 Depth m:41 Time: 1989-06-10 11:43
 Position: 41° 59.50'N 69° 56.70'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	11.671	30.759	23.357	0.0000	5.827	17.4	79.7
2.0	E	11.671	30.759	23.357	0.0090	5.829	17.4	79.7
4.0		11.636	30.762	23.366	0.0179	5.827	17.3	79.7
6.0		10.720	30.911	23.641	0.0267	5.956	17.2	80.2
8.0		6.467	31.821	24.984	0.0339	6.861	15.0	84.2
10.0		5.882	31.962	25.167	0.0396	6.838	8.3	86.8
12.0		5.396	32.119	25.348	0.0448	6.805	6.0	87.2
14.0		5.159	32.172	25.417	0.0499	6.658	5.3	87.2
16.0		5.100	32.188	25.436	0.0549	6.363	5.0	86.8
18.0		5.042	32.197	25.449	0.0598	6.337	4.4	86.7
20.0		4.988	32.214	25.469	0.0647	6.126	4.2	86.2
22.0		4.940	32.224	25.481	0.0696	6.121	4.0	85.8
24.0		4.848	32.246	25.509	0.0745	5.935	4.3	85.6
26.0		4.785	32.262	25.529	0.0793	6.004	4.1	85.5
28.0		4.756	32.269	25.537	0.0841	5.819	3.8	85.5
30.0		4.713	32.283	25.553	0.0888	5.870	3.7	85.5
32.0		4.698	32.290	25.560	0.0936	5.843	3.6	85.3
34.0		4.688	32.293	25.563	0.0983	5.754	3.7	85.5
36.0		4.686	32.294	25.564	0.1030	5.697	3.7	85.6
38.0		4.687	32.294	25.564	0.1077	5.679	3.6	85.5



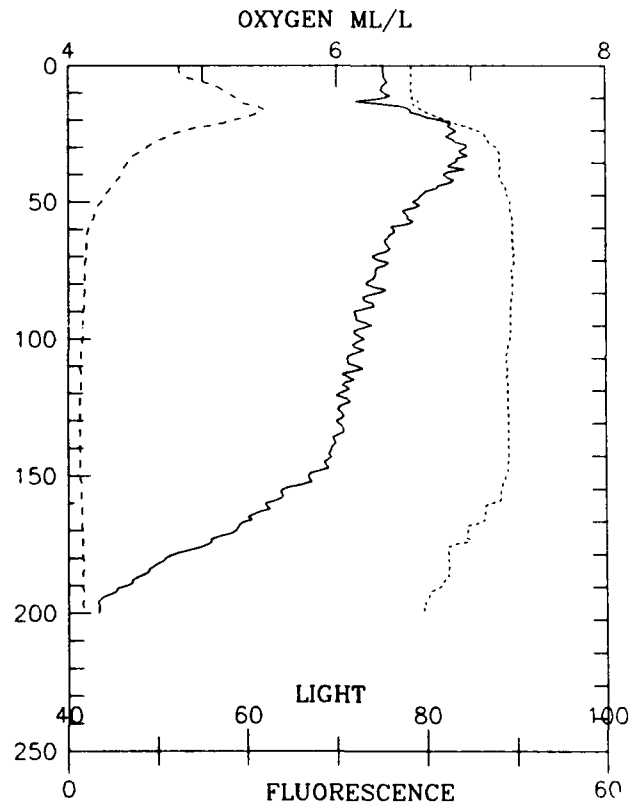
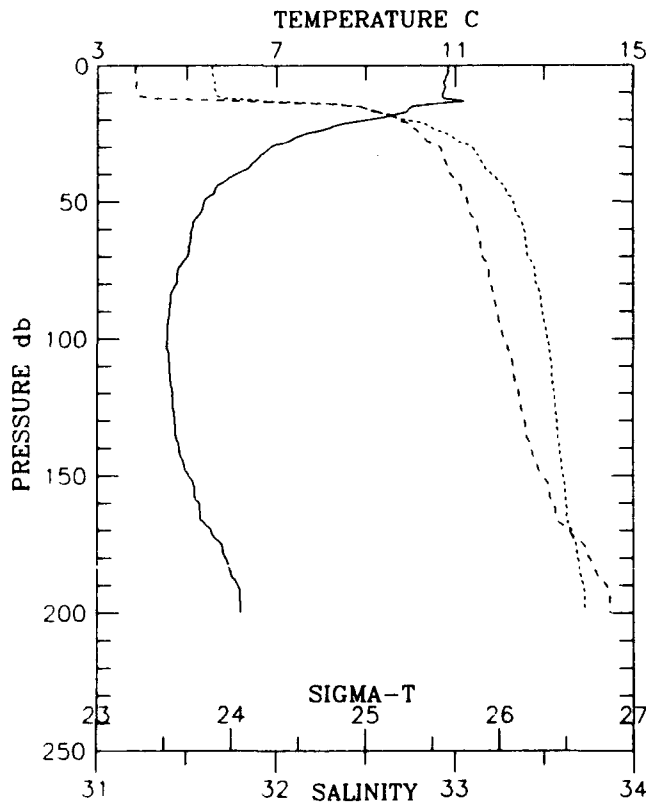
Cruise EN196 Consecutive Station # 193 Depth m:153 Time: 1989-06-10 13:15
 Position: 42° 1.10'N 69° 48.20'W Depth Deck Offset: -0.15 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.646	31.146	23.837	0.0000	6.272	12.5	79.0
10.0		6.584	32.019	25.125	0.0371	7.119	16.1	84.8
20.0		4.247	32.456	25.739	0.0611	6.963	4.5	88.2
30.0		3.958	32.526	25.823	0.0826	6.745	2.8	88.5
40.0		3.823	32.524	25.834	0.1037	6.639	2.4	88.3
50.0		3.687	32.547	25.865	0.1246	6.516	2.2	88.3
60.0		3.615	32.567	25.888	0.1452	6.454	2.0	88.4
70.0		3.627	32.585	25.901	0.1656	6.426	2.0	88.3
80.0		3.645	32.612	25.921	0.1859	6.365	1.9	88.4
90.0		3.758	32.735	26.008	0.2059	6.229	1.8	88.1
100.0		3.853	32.800	26.051	0.2251	6.208	1.8	88.1
110.0		4.210	32.982	26.160	0.2436	6.029	1.7	88.6
120.0		4.454	33.134	26.255	0.2611	5.930	1.6	86.8
130.0		4.591	33.181	26.278	0.2781	5.867	1.7	87.6
140.0		4.618	33.197	26.288	0.2950	5.842	1.7	87.2
143.0		4.636	33.211	26.297	0.3000	5.826	1.7	86.8



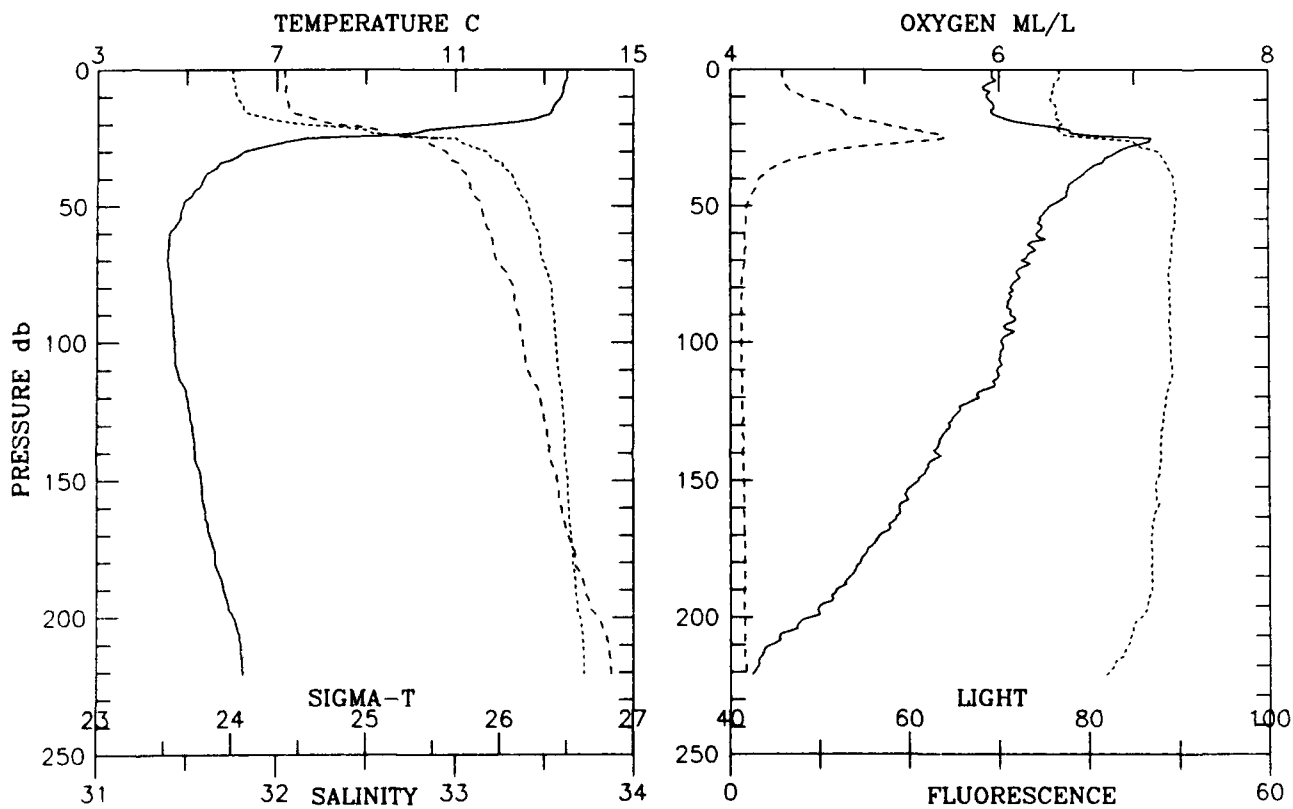
Cruise EN196 Consecutive Station # 194 Depth m:206 Time: 1989-06-10 14:40
 Position: 42° 2.90'W 69° 41.40'W Depth Deck Offset: -0.10 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.842	31.213	23.856	0.0000	6.346	12.4	78.3
10.0		10.723	31.230	23.889	0.0399	6.357	17.7	78.4
20.0		9.028	32.680	25.298	0.0720	6.770	18.5	82.2
30.0		6.860	32.916	25.796	0.0955	6.964	8.8	87.8
40.0		6.108	32.971	25.936	0.1163	6.794	5.8	88.1
50.0		5.378	33.068	26.101	0.1355	6.566	3.7	89.3
60.0		5.103	33.126	26.178	0.1537	6.424	2.2	89.5
70.0		5.005	33.152	26.210	0.1714	6.265	1.9	89.6
80.0		4.761	33.192	26.269	0.1885	6.216	1.8	89.5
90.0		4.608	33.231	26.316	0.2051	6.130	1.6	89.4
100.0		4.553	33.271	26.354	0.2214	6.198	1.5	89.2
110.0		4.622	33.327	26.391	0.2374	6.151	1.3	88.9
120.0		4.683	33.357	26.408	0.2532	6.019	1.3	89.0
130.0		4.731	33.390	26.429	0.2688	5.998	1.3	89.1
140.0		4.831	33.427	26.447	0.2842	5.959	1.3	89.1
150.0		5.046	33.491	26.474	0.2994	5.786	1.3	88.7
160.0		5.282	33.554	26.497	0.3144	5.468	1.5	87.0
170.0		5.543	33.641	26.535	0.3292	5.242	1.5	84.5
180.0		5.867	33.752	26.583	0.3436	4.723	1.6	82.3
190.0		6.143	33.848	26.624	0.3576	4.434	1.6	81.6
200.0		6.202	33.867	26.632	0.3713	4.214	1.7	79.2



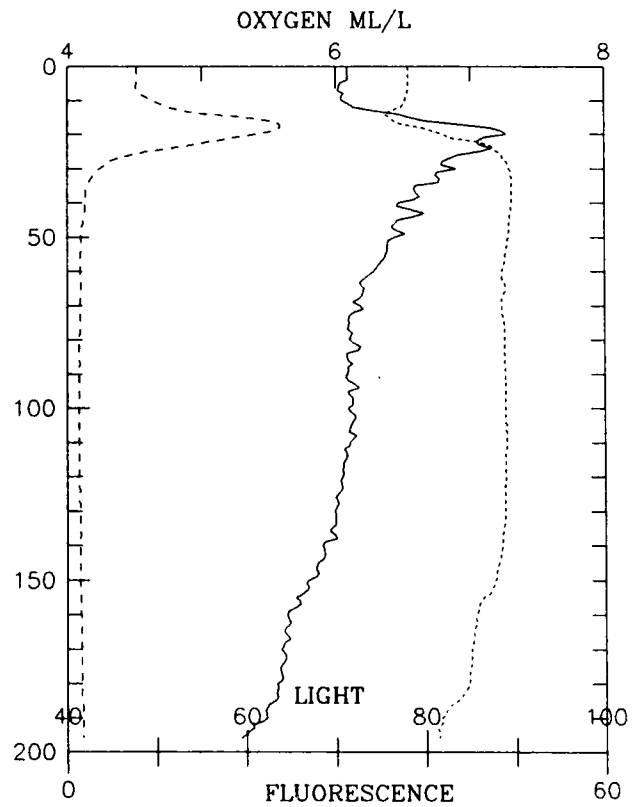
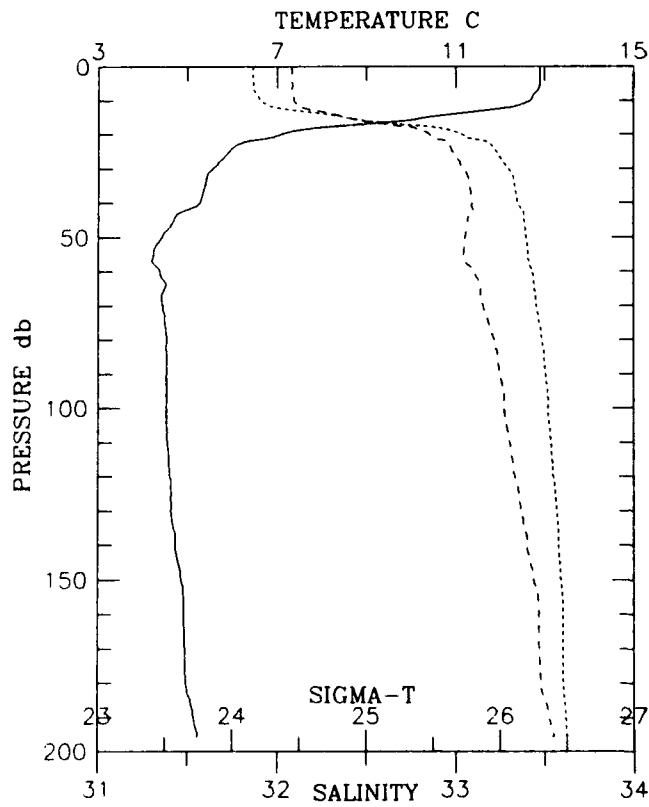
Cruise EN196 Consecutive Station # 195 Depth m:228 Time: 1989-06-10 16:02
 Position: 42° 4.80'N 69° 34.90'W Depth Deck Offset: -0.10 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%light)	CHANNELB (%light)
0.0	E	13.506	32.044	24.004	0.0000	5.948	5.8	76.7
10.0		13.380	32.054	24.037	0.0385	5.910	8.1	75.8
20.0		11.837	32.316	24.536	0.0756	6.241	17.2	77.0
30.0		6.258	32.950	25.901	0.1008	6.878	10.5	87.8
40.0		5.356	33.068	26.103	0.1202	6.574	3.1	89.3
50.0		4.919	33.146	26.214	0.1382	6.374	1.8	89.6
60.0		4.625	33.202	26.291	0.1553	6.278	1.6	89.2
70.0		4.574	33.238	26.325	0.1719	6.164	1.6	89.1
80.0		4.654	33.330	26.390	0.1880	6.086	1.3	89.0
90.0		4.689	33.356	26.406	0.2038	6.081	1.3	89.0
100.0		4.732	33.380	26.421	0.2194	6.015	1.2	89.0
110.0		4.794	33.410	26.438	0.2348	5.981	1.2	89.2
120.0		5.011	33.476	26.466	0.2501	5.852	1.3	88.5
130.0		5.128	33.512	26.481	0.2652	5.631	1.3	88.1
140.0		5.197	33.531	26.489	0.2801	5.534	1.4	87.9
150.0		5.316	33.571	26.506	0.2950	5.398	1.4	87.4
160.0		5.405	33.596	26.515	0.3098	5.255	1.4	87.5
170.0		5.522	33.634	26.532	0.3245	5.103	1.5	86.8
180.0		5.640	33.672	26.548	0.3390	4.967	1.6	86.9
190.0		5.832	33.727	26.568	0.3534	4.782	1.5	86.9
200.0		6.048	33.801	26.600	0.3676	4.593	1.6	85.7
210.0		6.214	33.861	26.625	0.3815	4.296	1.6	84.2
220.0		6.253	33.874	26.631	0.3953	4.172	1.7	82.1
221.0		6.255	33.874	26.631	0.3967	4.157	1.7	81.8



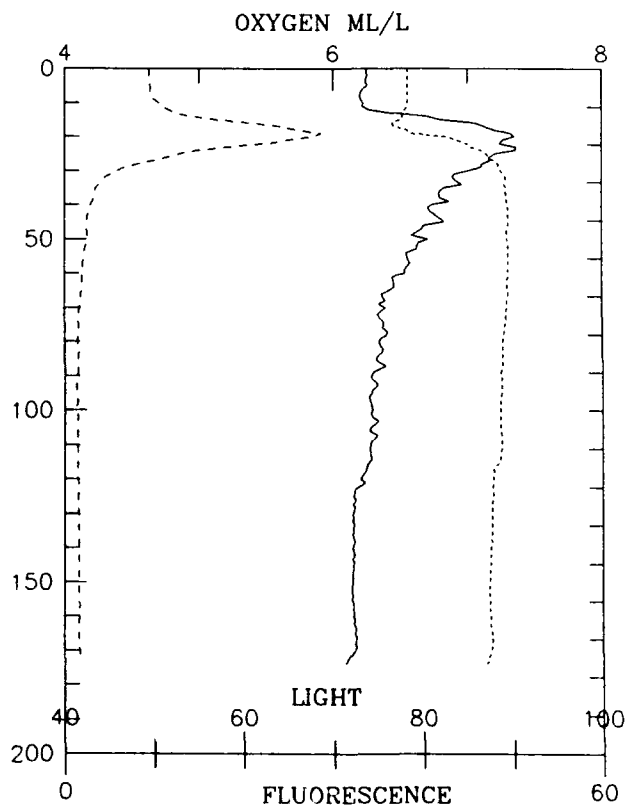
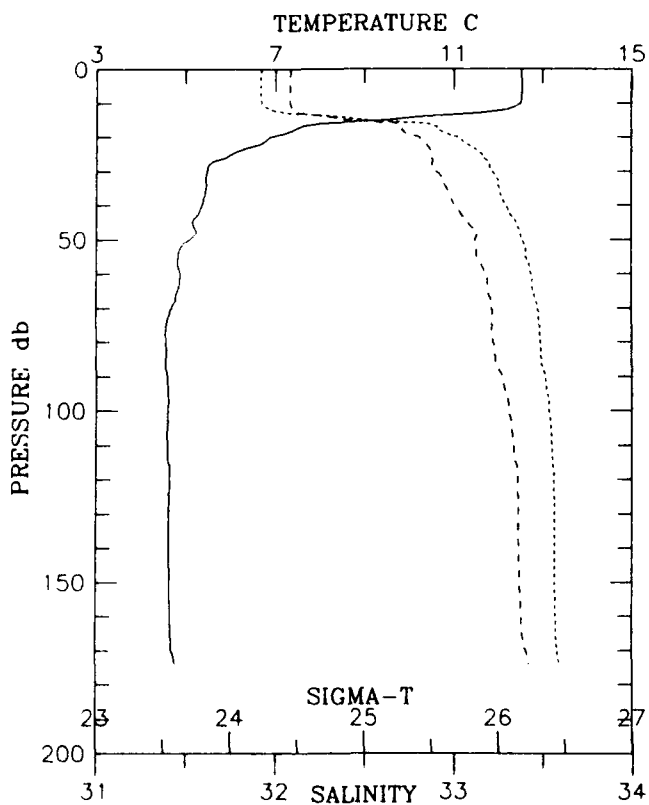
Cruise EN196 Consecutive Station # 196 Depth m:210 Time: 1989-06-10 18:46
 Position: 42° 7.77'N 69° 22.22'W Depth Deck Offset: -0.10 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	12.902	32.082	24.153	0.0000	6.087	7.8	78.1
10.0		12.686	32.092	24.203	0.0371	6.047	9.5	77.7
20.0		7.090	32.851	25.714	0.0672	7.269	21.0	82.0
30.0		5.561	33.041	26.058	0.0872	6.893	3.6	89.3
40.0		5.278	33.092	26.132	0.1057	6.469	1.9	89.6
50.0		4.423	33.053	26.194	0.1235	6.433	1.5	89.2
60.0		4.377	33.105	26.240	0.1410	6.282	1.4	88.5
70.0		4.436	33.153	26.272	0.1580	6.181	1.4	88.5
80.0		4.537	33.215	26.311	0.1747	6.102	1.3	88.8
90.0		4.534	33.249	26.338	0.1911	6.082	1.3	88.8
100.0		4.536	33.272	26.356	0.2073	6.091	1.3	88.9
110.0		4.559	33.303	26.379	0.2233	6.104	1.3	89.0
120.0		4.608	33.331	26.396	0.2392	6.051	1.3	88.9
130.0		4.637	33.368	26.422	0.2549	5.993	1.4	88.8
140.0		4.733	33.401	26.437	0.2703	5.898	1.4	88.5
150.0		4.857	33.438	26.453	0.2857	5.790	1.4	87.7
160.0		4.930	33.466	26.467	0.3009	5.637	1.5	85.6
170.0		4.945	33.470	26.469	0.3160	5.590	1.6	85.0
180.0		4.972	33.478	26.472	0.3312	5.560	1.6	84.7
190.0		5.145	33.526	26.490	0.3463	5.483	1.7	81.7
196.0		5.222	33.548	26.499	0.3552	5.290	1.7	81.3



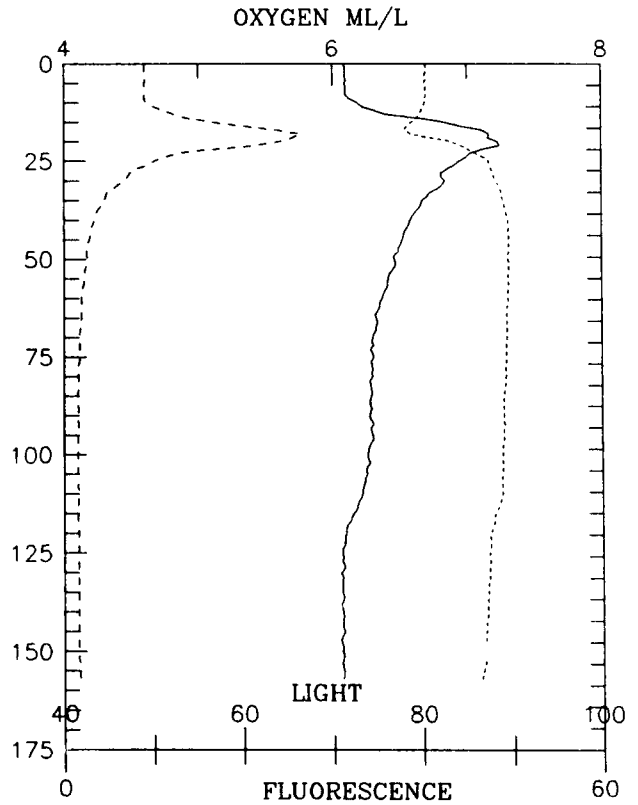
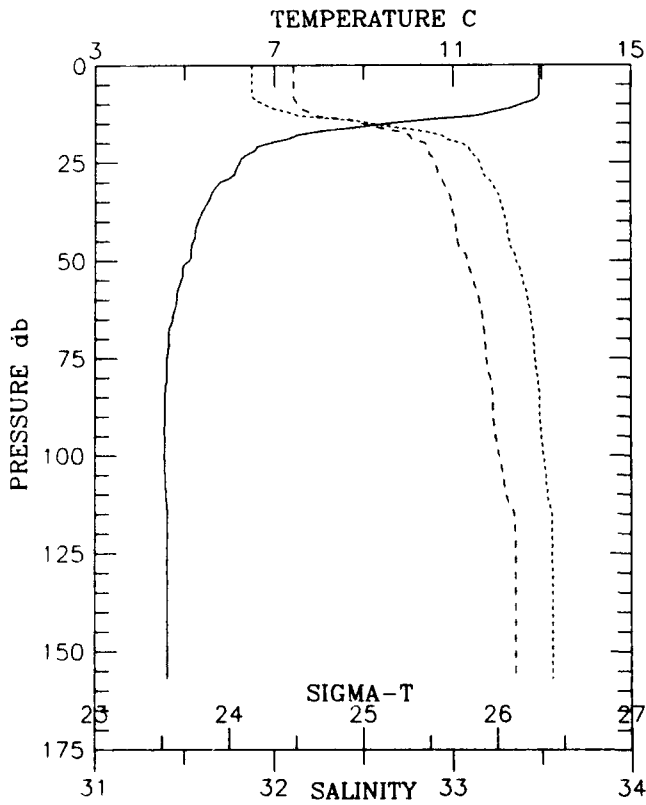
Cruise EN196 Consecutive Station # 197 Depth m:198 Time: 1989-06-10 21:16
 Position: 42° 10.82'N 69° 13.10'W Depth Deck Offset: -0.10 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	12.527	32.084	24.226	0.0000	6.249	9.4	78.3
10.0		12.506	32.080	24.227	0.0365	6.224	10.5	78.3
20.0		6.873	32.804	25.707	0.0656	7.345	27.5	82.6
30.0		5.469	32.897	25.955	0.0865	7.002	5.8	88.7
40.0		5.361	33.004	26.052	0.1059	6.731	2.9	89.4
50.0		5.080	33.118	26.175	0.1242	6.706	2.5	89.4
60.0		4.887	33.183	26.247	0.1416	6.535	1.9	89.5
70.0		4.699	33.214	26.293	0.1586	6.387	1.7	89.4
80.0		4.560	33.221	26.313	0.1751	6.342	1.4	88.9
90.0		4.588	33.273	26.351	0.1915	6.278	1.4	88.7
100.0		4.604	33.309	26.378	0.2076	6.285	1.4	88.6
110.0		4.599	33.334	26.399	0.2234	6.275	1.4	88.7
120.0		4.640	33.359	26.414	0.2391	6.200	1.4	87.8
130.0		4.631	33.363	26.418	0.2546	6.143	1.5	87.6
140.0		4.631	33.364	26.419	0.2702	6.139	1.6	87.5
150.0		4.647	33.369	26.422	0.2858	6.142	1.6	87.3
160.0		4.663	33.378	26.427	0.3013	6.147	1.7	87.5
170.0		4.689	33.405	26.446	0.3168	6.159	1.7	87.5
174.0		4.771	33.419	26.448	0.3230	6.083	1.6	86.9



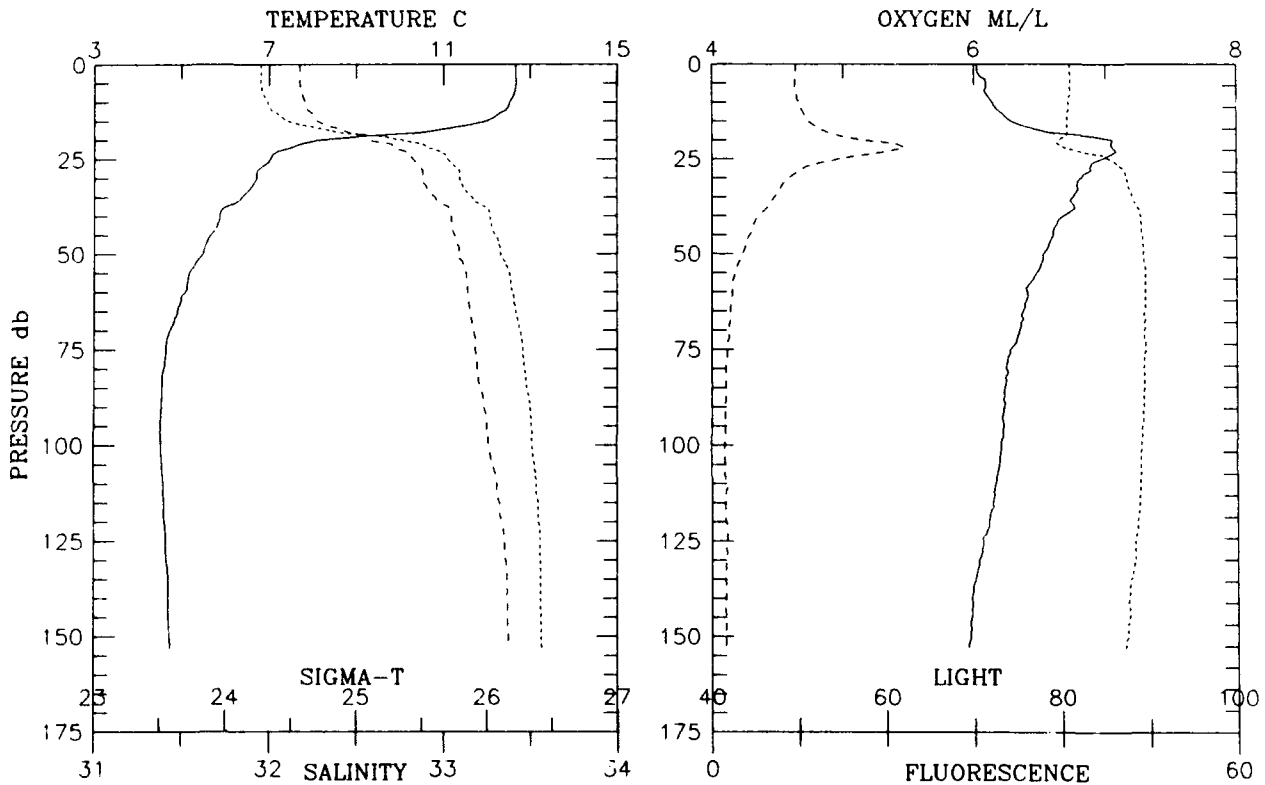
Cruise EN196 Consecutive Station # 198 Depth m:170 Time: 1989-06-10 23:19
 Position: 42° 12.75'N 69° 4.30'W Depth Deck Offset: 0.00 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	12.943	32.107	24.165	0.0000	6.090	9.0	80.4
10.0		12.543	32.133	24.262	0.0370	6.187	9.2	80.3
20.0		6.904	32.844	25.734	0.0660	7.229	24.0	83.4
30.0		5.774	32.947	25.958	0.0868	6.838	6.6	88.2
40.0		5.294	33.016	26.069	0.1061	6.574	3.3	89.5
50.0		5.102	33.075	26.138	0.1247	6.456	2.6	89.5
60.0		4.817	33.147	26.227	0.1424	6.363	1.9	89.5
70.0		4.645	33.179	26.271	0.1595	6.294	1.7	89.4
80.0		4.607	33.209	26.299	0.1763	6.293	1.6	89.2
90.0		4.560	33.223	26.315	0.1928	6.269	1.6	89.0
100.0		4.551	33.262	26.346	0.2092	6.251	1.5	88.9
110.0		4.584	33.298	26.371	0.2253	6.217	1.6	88.8
120.0		4.625	33.350	26.408	0.2411	6.091	1.6	87.5
130.0		4.623	33.350	26.409	0.2567	6.054	1.6	87.3
140.0		4.620	33.351	26.410	0.2724	6.067	1.6	87.1
150.0		4.618	33.352	26.411	0.2881	6.064	1.6	86.8
157.0		4.616	33.351	26.410	0.2990	6.067	1.7	86.5



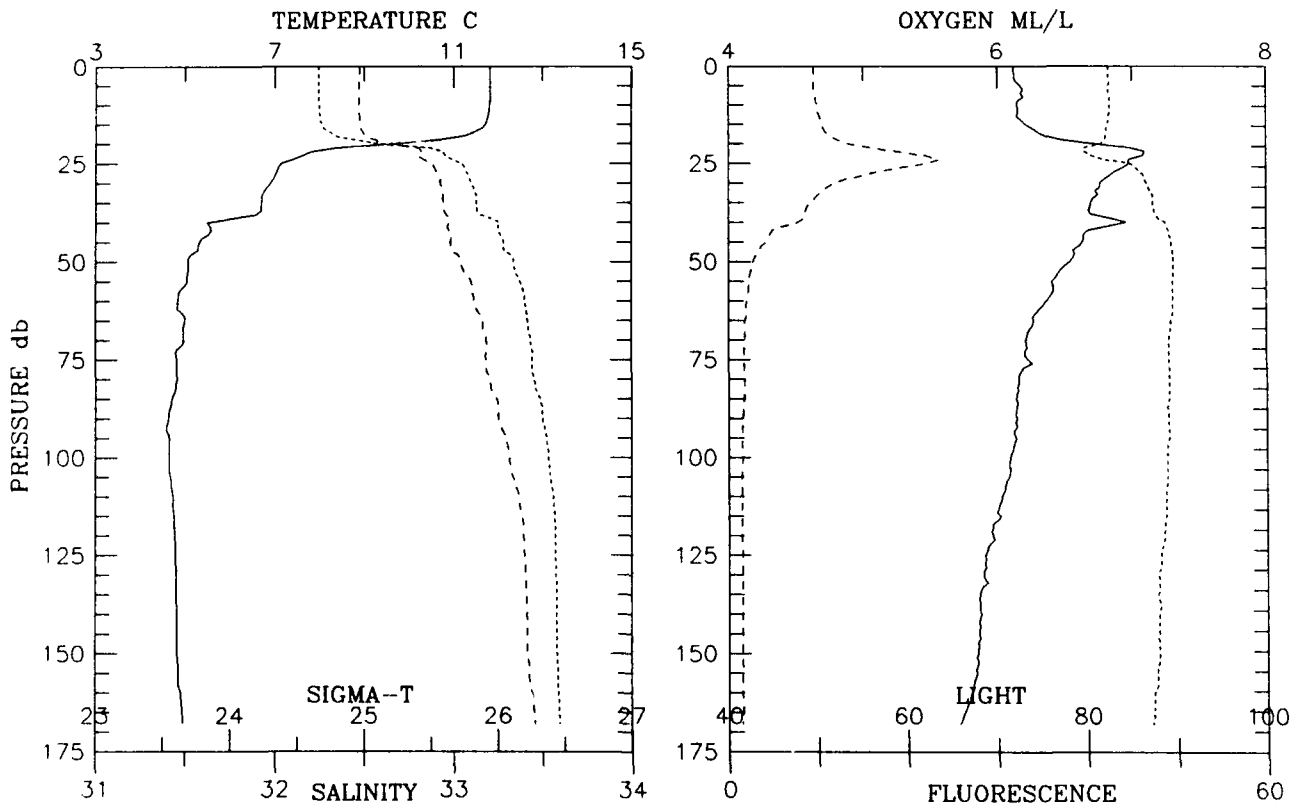
Cruise EN196 Consecutive Station # 199 Depth m:164 Time: 1989-06-11 00:21
 Position: 42° 10.00'N 68° 54.30'W Depth Deck Offset: 0.00 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNFLA (%fluor)	CHANNELB (%light)
0.0	E	12.668	32.177	24.272	0.0000	6.025	9.6	80.9
10.0		12.521	32.207	24.323	0.0360	6.144	9.9	80.8
20.0		8.113	32.578	25.356	0.0686	7.051	17.5	79.7
30.0		6.710	32.883	25.790	0.0912	6.811	8.8	87.4
40.0		5.873	33.045	26.024	0.1117	6.680	5.4	89.0
50.0		5.488	33.089	26.104	0.1306	6.527	3.5	89.3
60.0		5.083	33.142	26.193	0.1485	6.405	2.3	89.5
70.0		4.732	33.175	26.258	0.1659	6.345	1.9	89.4
80.0		4.612	33.195	26.287	0.1828	6.245	1.6	89.3
90.0		4.539	33.235	26.327	0.1994	6.222	1.5	89.3
100.0		4.542	33.264	26.349	0.2156	6.207	1.5	89.1
110.0		4.591	33.306	26.378	0.2317	6.156	1.5	88.9
120.0		4.614	33.335	26.398	0.2475	6.106	1.6	88.6
130.0		4.668	33.357	26.409	0.2632	6.032	1.6	88.3
140.0		4.710	33.367	26.413	0.2789	5.978	1.6	87.6
150.0		4.729	33.373	26.415	0.2945	5.969	1.6	87.4
153.0		4.748	33.379	26.418	0.2992	5.953	1.6	87.1



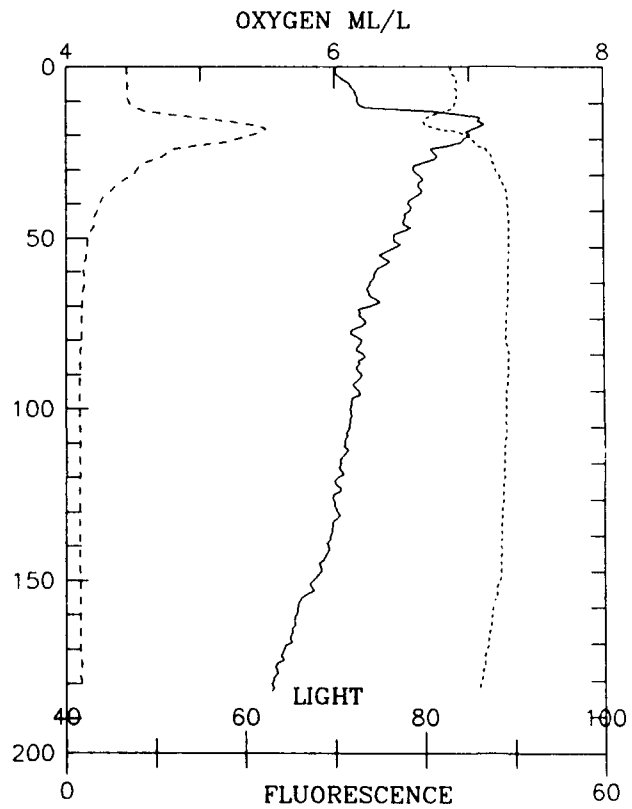
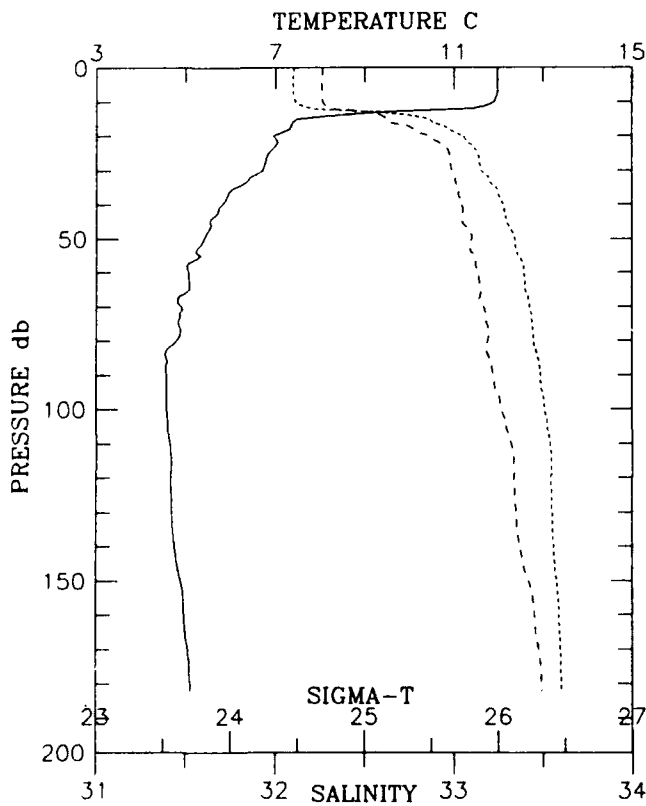
Cruise EN196 Consecutive Station # 200 Depth m:183 Time: 1989-06-11 01:28
 Position: 42° 7.90'N 68° 44.00'W Depth Deck Offset: -0.10 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 11.824	32.474	24.661	0.0000	6.124	9.5	82.4
10.0	11.810	32.472	24.662	0.0323	6.146	9.9	82.5
20.0	9.669	32.609	25.140	0.0639	6.701	13.3	81.6
30.0	6.903	32.927	25.800	0.0866	6.762	11.7	86.6
40.0	5.490	32.974	26.013	0.1075	6.959	7.8	88.7
50.0	5.070	33.041	26.115	0.1266	6.538	2.7	89.6
60.0	4.841	33.116	26.199	0.1445	6.360	2.0	89.5
70.0	4.965	33.185	26.241	0.1619	6.210	1.8	89.1
80.0	4.830	33.200	26.267	0.1790	6.159	1.7	89.1
90.0	4.627	33.252	26.331	0.1956	6.141	1.6	89.0
100.0	4.652	33.314	26.377	0.2117	6.094	1.6	88.9
110.0	4.731	33.368	26.412	0.2275	6.032	1.4	88.7
120.0	4.771	33.390	26.424	0.2430	5.960	1.4	88.5
130.0	4.807	33.404	26.431	0.2585	5.893	1.5	87.8
140.0	4.819	33.410	26.435	0.2740	5.873	1.5	87.9
150.0	4.826	33.415	26.438	0.2894	5.851	1.5	87.9
160.0	4.906	33.441	26.450	0.3048	5.800	1.5	87.3
168.0	4.954	33.456	26.457	0.3170	5.715	1.5	87.2



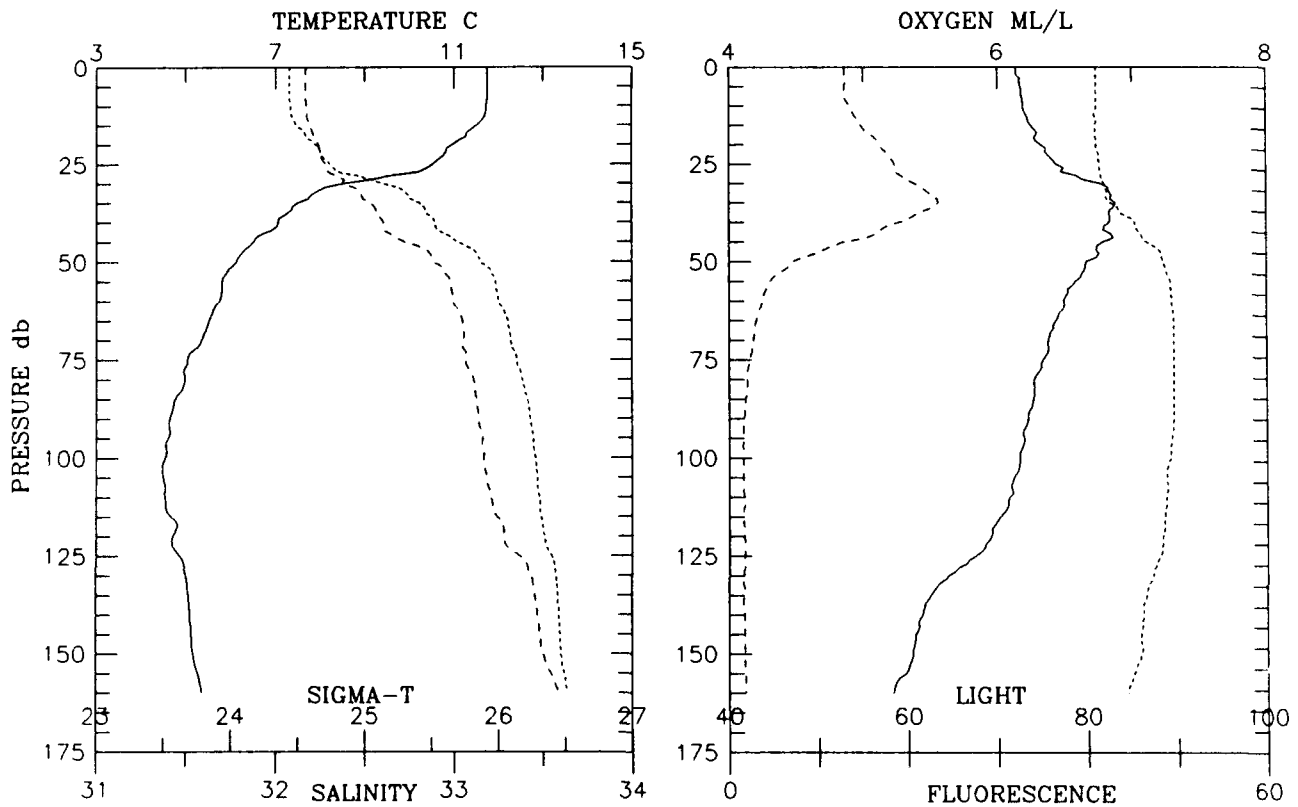
Cruise EN196 Consecutive Station # 201 Depth m:192 Time: 1989-06-11 02:26
 Position: 42° 5.70'N 68° 37.00'W Depth Deck Offset: -0.10 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 11.978	32.263	24.469	0.0000	6.011	6.8	83.0
10.0	11.909	32.262	24.481	0.0341	6.169	7.0	83.5
20.0	6.939	32.862	25.743	0.0608	7.004	20.7	84.8
30.0	6.720	32.96	25.870	0.0819	6.584	7.9	87.9
40.0	5.805	33.045	26.032	0.1017	6.545	3.8	89.2
50.0	5.404	33.099	26.122	0.1206	6.436	2.4	89.4
60.0	5.073	33.135	26.189	0.1386	6.304	1.9	89.3
70.0	4.904	33.167	26.233	0.1561	6.262	1.8	89.2
80.0	4.788	33.190	26.264	0.1732	6.198	1.7	89.0
90.0	4.569	33.222	26.313	0.1899	6.201	1.5	89.3
100.0	4.580	33.262	26.343	0.2063	6.110	1.5	89.1
110.0	4.650	33.319	26.381	0.2224	6.070	1.5	88.9
120.0	4.677	33.337	26.393	0.2382	6.016	1.5	88.8
130.0	4.695	33.347	26.399	0.2540	6.018	1.5	88.6
140.0	4.756	33.369	26.410	0.2697	5.947	1.5	88.4
150.0	4.898	33.416	26.431	0.2853	5.831	1.6	88.3
160.0	4.965	33.450	26.450	0.3007	5.703	1.6	87.4
170.0	5.051	33.475	26.461	0.3160	5.616	1.6	86.8
180.0	5.107	33.491	26.467	0.3312	5.527	1.7	86.1
182.0	5.111	33.493	26.468	0.3342	5.525	1.6	86.0



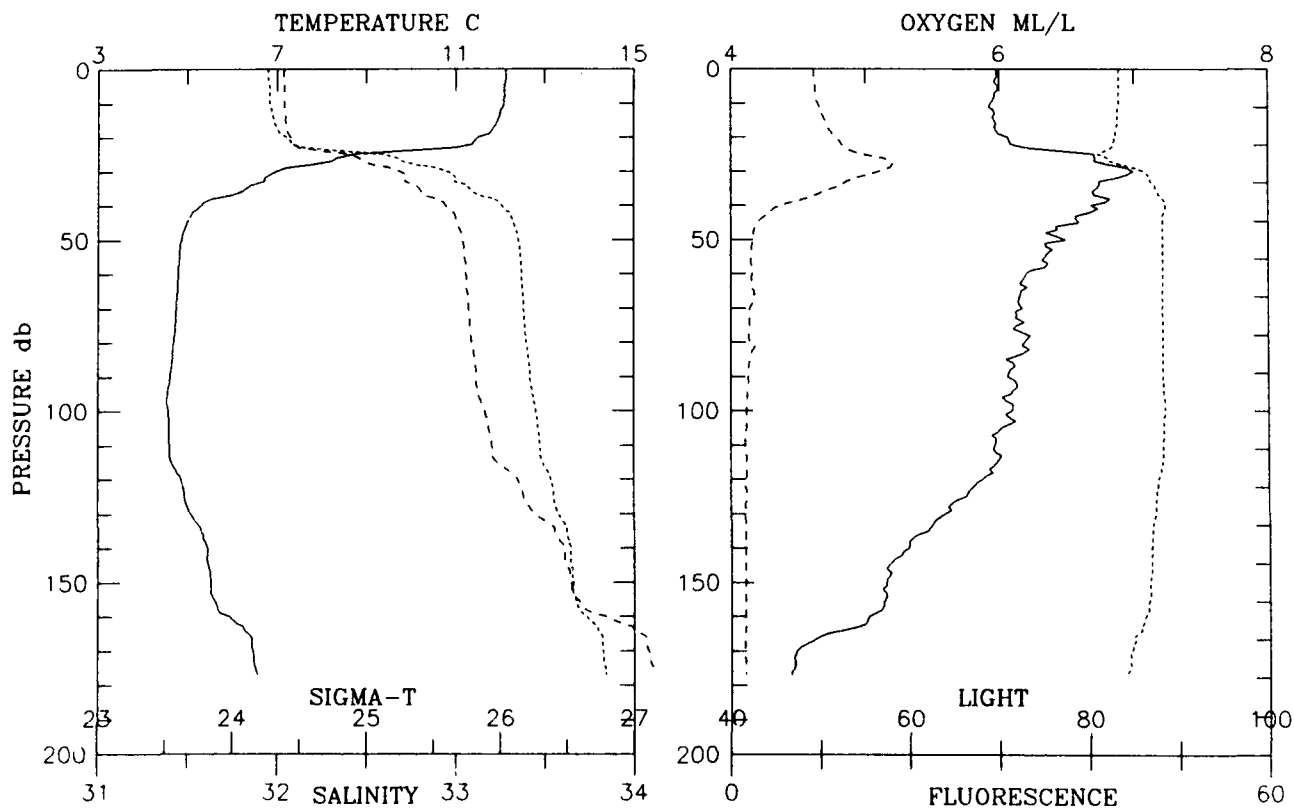
Cruise EN196 Consecutive Station # 202 Depth m:172 Time: 1989-06-11 03:38
 Position: 42° 0.60'N 68° 28.20'W Depth Deck Offset: -0.10 Fish 1

PRESSURE Interp (d-bars)	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E 11.745	32.171	24.440	0.0000	6.139	12.9	81.0
10.0	11.725	32.173	24.445	0.0344	6.189	13.6	81.0
20.0	10.955	32.242	24.637	0.0682	6.322	16.8	81.0
30.0	8.518	32.373	25.135	0.0992	6.765	20.7	81.9
40.0	7.065	32.606	25.525	0.1246	6.829	19.1	85.3
50.0	6.137	32.882	25.862	0.1470	6.654	7.0	88.5
60.0	5.749	32.996	26.000	0.1669	6.492	3.7	89.4
70.0	5.354	33.052	26.091	0.1858	6.374	2.7	89.6
80.0	4.976	33.110	26.180	0.2040	6.267	2.0	89.6
90.0	4.653	33.136	26.235	0.2215	6.226	1.6	89.6
100.0	4.540	33.167	26.273	0.2386	6.160	1.6	89.2
110.0	4.543	33.207	26.304	0.2553	6.086	1.7	88.7
120.0	4.708	33.279	26.343	0.2718	5.946	1.6	88.3
130.0	5.008	33.428	26.428	0.2877	5.629	1.7	87.2
140.0	5.100	33.468	26.449	0.3031	5.437	1.7	86.2
150.0	5.171	33.497	26.464	0.3183	5.366	1.7	85.9
160.0	5.362	33.582	26.509	0.3333	5.219	1.8	84.4



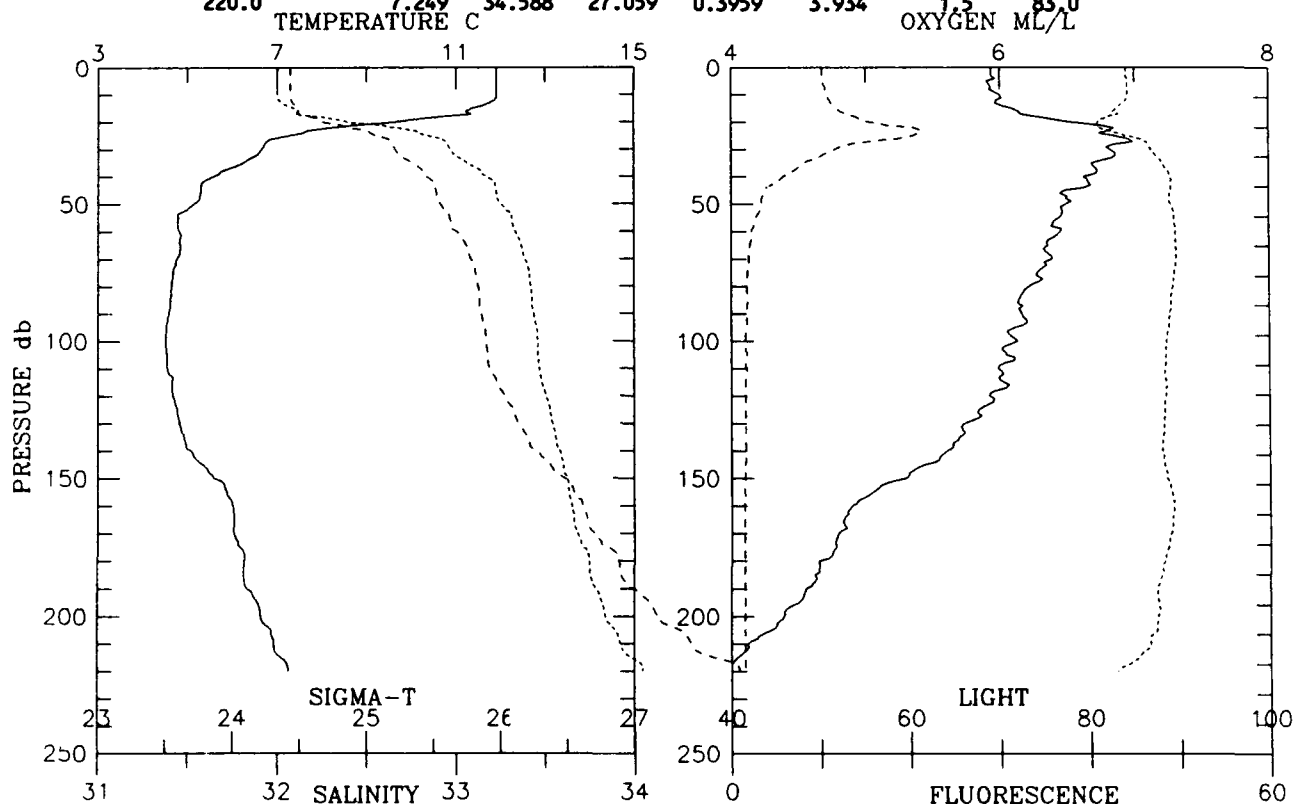
Cruise EN196 Consecutive Station # 203 Depth m:185 Time: 1989-06-11 04:47
 Position: 41° 55.40'N 68° 19.63'W Depth Deck Offset: -0.10 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OX'GEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	12.131	32.038	24.266	0.0000	5.983	9.3	83.3
10.0		12.077	32.041	24.278	0.0360	5.940	9.7	83.3
20.0		11.504	32.074	24.409	0.0717	6.062	11.7	82.9
30.0		6.964	32.689	25.604	0.1010	6.993	16.5	86.2
40.0		5.296	32.942	26.011	0.1225	6.678	5.5	88.5
50.0		4.864	33.035	26.133	0.1411	6.489	2.4	88.2
60.0		4.792	33.058	26.159	0.1591	6.201	2.4	88.2
70.0		4.753	33.070	26.172	0.1770	6.171	2.1	88.1
80.0		4.696	33.088	26.193	0.1948	6.188	2.1	88.3
90.0		4.615	33.115	26.224	0.2123	6.061	1.9	88.2
100.0		4.569	33.160	26.264	0.2295	6.091	1.7	88.4
110.0		4.597	33.203	26.295	0.2463	5.964	1.6	88.2
120.0		4.867	33.345	26.378	0.2628	5.870	1.7	87.7
130.0		5.078	33.447	26.436	0.2785	5.589	1.6	87.3
140.0		5.442	33.610	26.523	0.2934	5.315	1.6	86.8
150.0		5.518	33.646	26.541	0.3080	5.154	1.6	86.7
160.0		5.939	33.836	26.641	0.3223	5.023	1.5	86.1
170.0		6.460	34.079	26.766	0.3350	4.484	1.5	84.6
177.0		6.562	34.124	26.788	0.3437	4.444	1.6	83.8



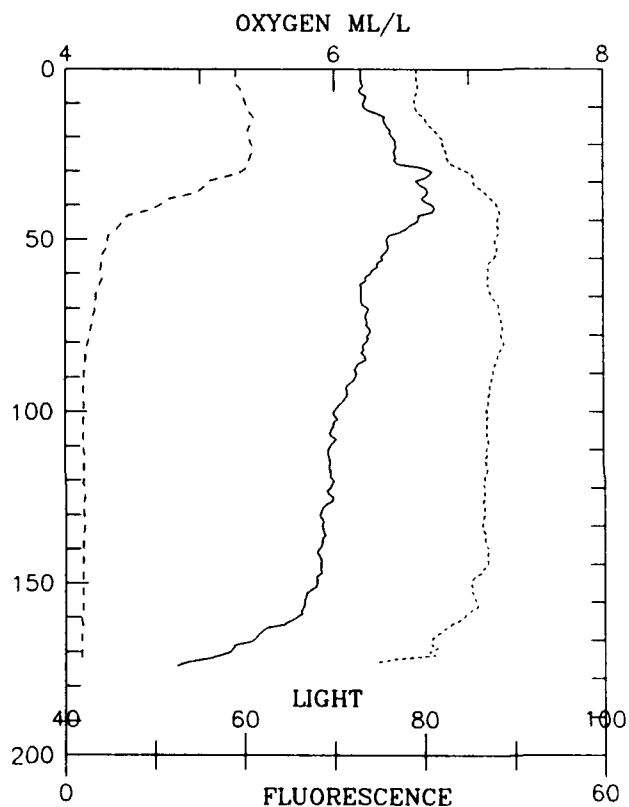
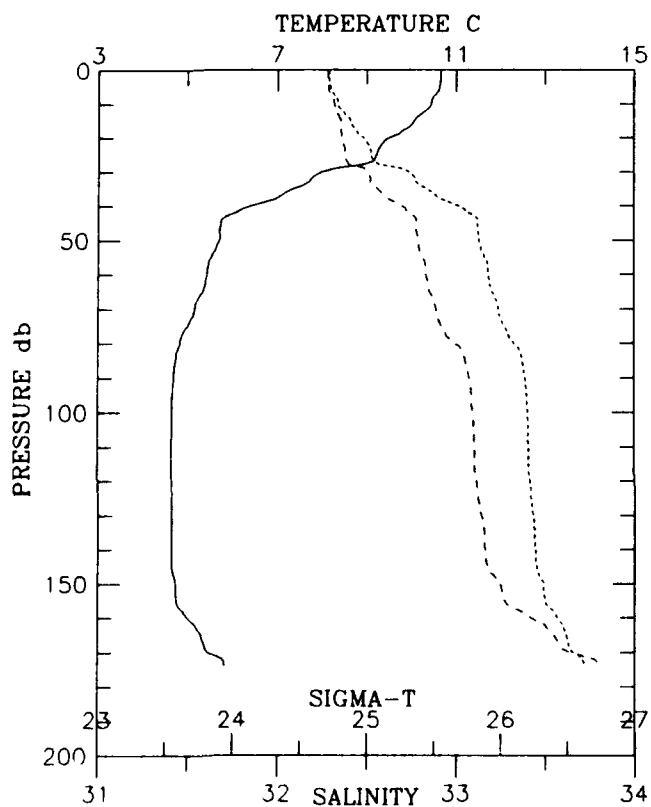
Cruise EN196 Consecutive Station # 204 Depth m:222 Time: 1989-06-11 05:33
 Position: 41° 52.99'N 68° 16.96'W Depth Deck Offset: -0.10 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	11.915	32.075	24.334	0.0000	5.937	10.2	84.1
10.0		11.914	32.074	24.334	0.0354	5.995	10.8	84.2
20.0		9.613	32.254	24.872	0.0693	6.513	15.6	80.9
30.0		6.646	32.659	25.622	0.0944	6.816	11.6	86.8
40.0		5.557	32.836	25.896	0.1162	6.621	5.8	88.9
50.0		5.140	32.912	26.005	0.1360	6.491	3.3	89.0
60.0		4.815	33.004	26.113	0.1548	6.450	2.2	89.5
70.0		4.753	33.084	26.184	0.1728	6.382	1.9	89.6
80.0		4.640	33.125	26.229	0.1903	6.214	1.7	89.2
90.0		4.582	33.143	26.249	0.2075	6.163	1.7	88.9
100.0		4.512	33.171	26.278	0.2244	6.127	1.6	88.5
110.0		4.556	33.190	26.289	0.2413	5.982	1.7	88.3
120.0		4.682	33.272	26.341	0.2578	5.919	1.6	88.4
130.0		4.830	33.351	26.387	0.2739	5.731	1.6	88.2
140.0		5.075	33.456	26.443	0.2895	5.604	1.6	88.0
150.0		5.597	33.605	26.500	0.3047	5.296	1.5	88.5
160.0		6.010	33.709	26.531	0.3195	4.898	1.4	89.2
170.0		6.046	33.773	26.577	0.3339	4.792	1.4	88.9
180.0		6.273	33.908	26.656	0.3477	4.649	1.4	88.2
190.0		6.338	33.990	26.711	0.3610	4.550	1.5	87.4
200.0		6.640	34.127	26.780	0.3736	4.385	1.5	87.5
210.0		6.935	34.318	26.891	0.3854	4.120	1.5	86.6
220.0		7.249	34.588	27.059	0.3959	3.934	1.5	83.0



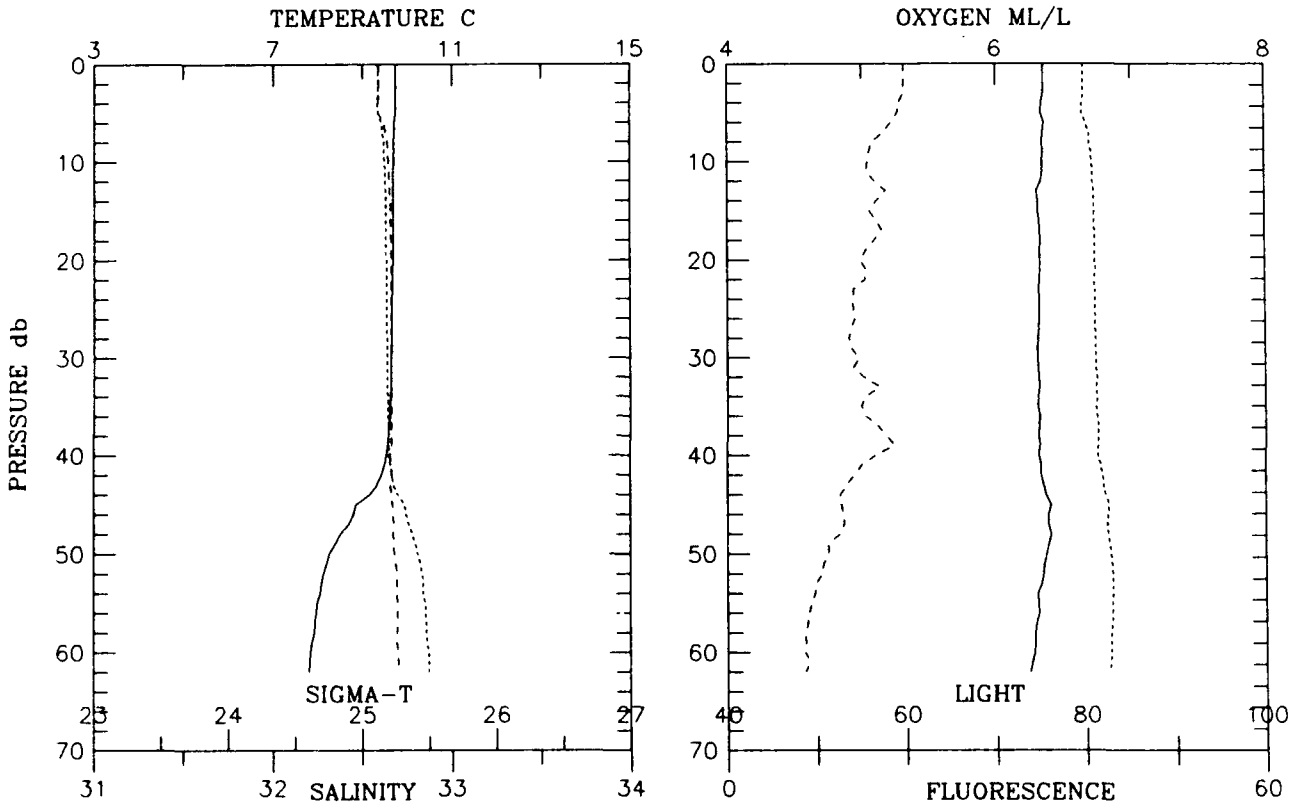
Cruise EN196 Consecutive Station # 205 Depth m:175 Time: 1989-06-11 07:00
 Position: 41° 50.67'N 68° 12.98'W Depth Deck Offset: -0.10 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/l)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	10.660	32.281	24.719	0.0000	6.198	19.0	79.2
10.0		10.446	32.317	24.783	0.0315	6.216	20.1	79.0
20.0		9.509	32.360	24.971	0.0618	6.431	20.5	81.8
30.0		8.000	32.503	25.313	0.0903	6.723	19.8	84.7
40.0		6.420	32.697	25.681	0.1150	6.735	10.5	88.1
50.0		5.714	32.787	25.839	0.1363	6.389	4.7	87.9
60.0		5.437	32.831	25.906	0.1570	6.270	4.1	87.2
70.0		5.161	32.887	25.983	0.1770	6.251	3.2	88.3
80.0		4.833	32.988	26.099	0.1962	6.233	2.5	88.9
90.0		4.687	33.075	26.184	0.2142	6.156	2.1	87.6
100.0		4.659	33.094	26.202	0.2319	5.998	2.0	87.0
110.0		4.652	33.105	26.211	0.2494	5.968	2.0	87.1
120.0		4.655	33.115	26.219	0.2669	5.991	2.0	86.6
130.0		4.653	33.141	26.240	0.2843	5.885	2.0	86.6
140.0		4.640	33.163	26.258	0.3014	5.881	1.9	87.1
150.0		4.734	33.249	26.317	0.3183	5.865	1.9	85.1
160.0		4.998	33.415	26.419	0.3346	5.715	1.8	84.3
170.0		5.459	33.633	26.538	0.3496	5.222	1.8	80.4
174.0		5.833	33.798	26.624	0.3552	4.829	2.0	74.6



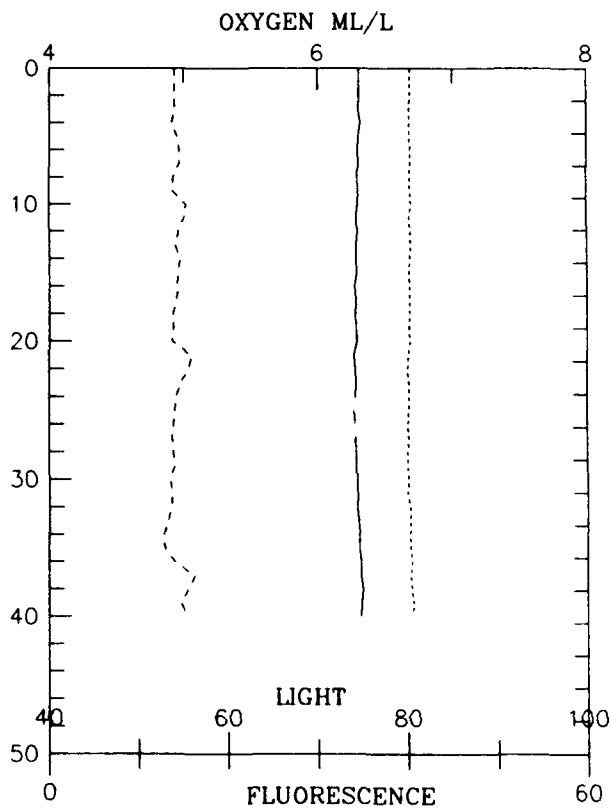
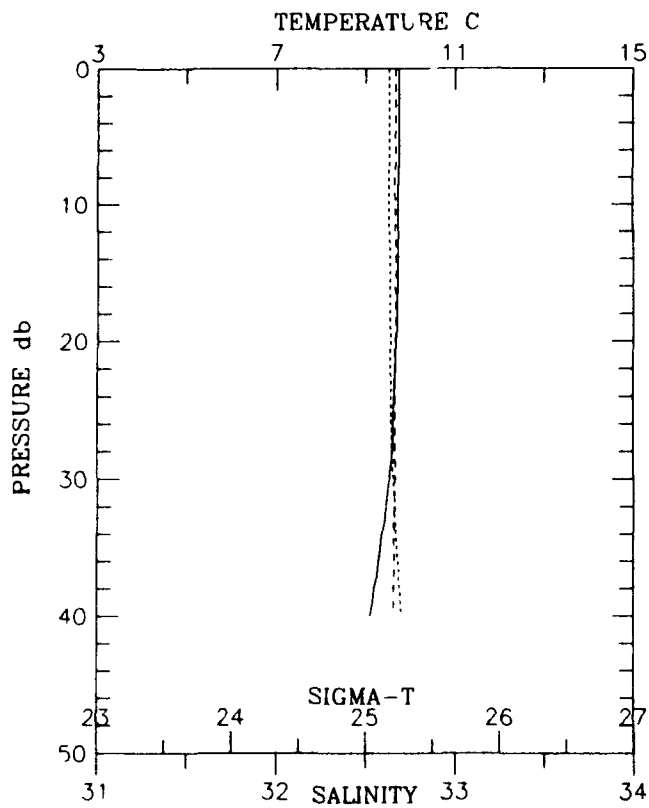
Cruise EN196 Consecutive Station # 206 Depth m:69 Time: 1989-06-11 09:03
 Position: 41° 46.20'N 68° 11.10'W Depth Deck Offset: -0.10 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.734	32.592	25.116	0.0000	6.354	19.8	79.8
5.0		9.735	32.588	25.113	0.0140	6.338	19.1	79.6
10.0		9.691	32.644	25.164	0.0278	6.346	15.7	80.7
15.0		9.684	32.656	25.174	0.0415	6.311	15.9	81.0
20.0		9.679	32.658	25.177	0.0552	6.326	14.9	81.0
25.0		9.658	32.659	25.181	0.0689	6.321	14.1	81.0
30.0		9.640	32.660	25.184	0.0825	6.308	14.7	81.1
35.0		9.612	32.660	25.189	0.0962	6.307	15.0	81.1
40.0		9.534	32.656	25.199	0.1098	6.318	16.5	81.3
45.0		8.857	32.668	25.315	0.1232	6.406	12.7	82.5
50.0		8.258	32.677	25.413	0.1361	6.371	11.2	82.7
55.0		7.983	32.698	25.469	0.1485	6.307	9.4	82.8
60.0		7.831	32.698	25.491	0.1608	6.278	8.6	82.7
62.0		7.805	32.700	25.496	0.1657	6.245	8.6	82.5



Cruise EN196 Consecutive Station # 207 Depth m:50 Time: 1989-06-11 09:58
 Position: 41° 44.00'N 68° 8.20'W Depth Deck Offset: -0.10 Fish 1

PRESSURE (d-bars)	Interp	TEMP (deg C)	SALINITY (0/00)	SIGMA-T	DELTA-D	OXYGEN (ml/L)	CHANNELA (%fluor)	CHANNELB (%light)
0.0	E	9.732	32.667	25.175	0.0000	6.308	14.0	80.3
5.0		9.733	32.665	25.173	0.0137	6.300	14.3	80.2
10.0		9.730	32.666	25.174	0.0274	6.295	15.3	80.4
15.0		9.715	32.667	25.178	0.0411	6.289	14.4	80.1
20.0		9.668	32.665	25.184	0.0547	6.285	13.7	80.2
25.0		9.620	32.661	25.189	0.0684	6.269	14.0	80.1
30.0		9.524	32.661	25.204	0.0820	6.287	13.5	80.0
35.0		9.333	32.658	25.232	0.0955	6.307	12.9	80.3
40.0		9.105	32.661	25.271	0.1088	6.319	15.4	80.4



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16. Abstract (Limit: 200 words) CTD and acoustic Doppler current profiler (ADCP) observations were made in the Great South Channel (GSC) off the New England coast during R/V <i>Endeavor</i> cruise EN196 May 18 to June 12, 1989 as part of the South Channel Ocean Productivity EXperiment (SCOPEX). These observations were obtained using several sampling plans - a series of small-scale surveys in support of biological sampling and a large-scale survey of five cross-channel transects extending from Nantucket Shoals and the coast of Cape Cod to Georges Bank. The maximum sampling depth at each station was within a few meters of the bottom. The primary objectives of the hydrographic measurement program were to (a) observe and characterize the temperature, salinity, density, oxygen, fluorescence and light transmission fields and their spatial variability in the Great South Channel off the New England coast, (b) resolve the low salinity surface plume-like structure usually observed east of Cape Cod in late spring, (c) define the front or boundary between the vertically well-mixed water over Nantucket Shoals, the GSC, Georges Bank, and the stratified water in the deeper southwestern Gulf of Maine, and (d) characterize water properties in regions of enhanced biological productivity. This report presents a summary in graphic and tabular form of the hydrographic observations made during cruise EN196 on the R/V <i>Endeavor</i> .		13. Type of Report & Period Covered Technical Report	
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