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Water quality in Chesapeake Bay : Virginia portion, water year 1985 : a report to the Virginia Water Control Board

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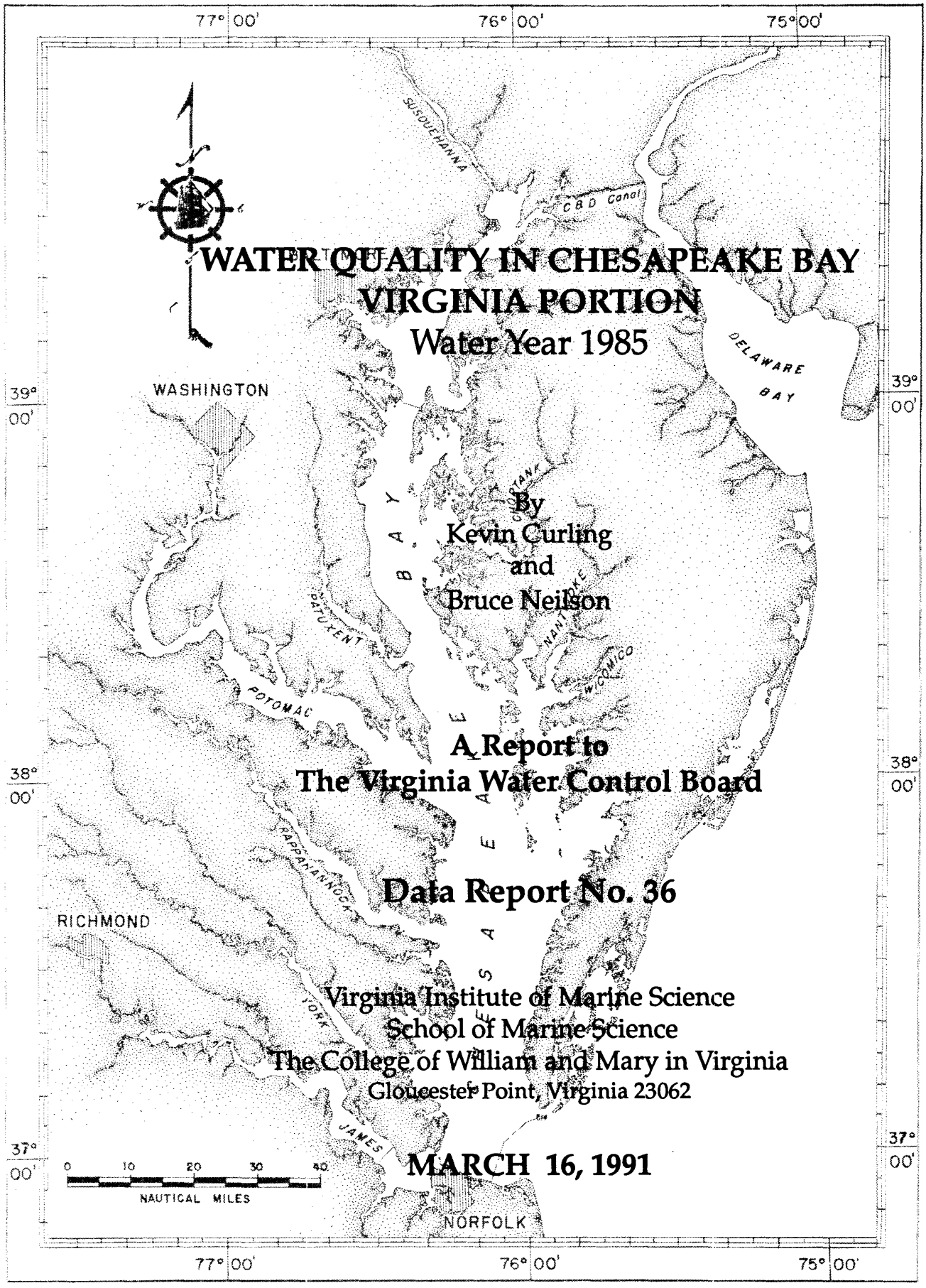
Schaffner



WATER QUALITY IN CHESAPEAKE BAY
VIRGINIA PORTION
Water Year 1985

By
Kevin Curling
and
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A Report to
The Virginia Water Control Board

Data Report No. 36

Virginia Institute of Marine Science
School of Marine Science
The College of William and Mary in Virginia
Gloucester Point, Virginia 23062

MARCH 16, 1991

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INTRODUCTION

In the summer of 1984 a comprehensive water quality monitoring program was initiated for the Chesapeake Bay system. Funding for monitoring of the main stem of Chesapeake Bay was provided by the U.S. Environmental Protection Agency, while monitoring of the tributaries to the bay was supported by the states of Virginia and Maryland, and the District of Columbia. This monitoring program had three goals:

(1) characterization of water quality conditions,
(2) the ability to detect trends in water quality,
(3) a data base that would allow scientists to propose hypotheses regarding the processes controlling water quality.

The purpose of this report is to characterize water quality conditions during the 1985 water year, October 1984 through September 1985. For the most part, the information is provided in graphical format. Only data for the Virginia portion of Chesapeake Bay is included. No data analysis or interpretation is included, since this is the stated purpose of a number of other reports.

We believe that the report will be useful to both scientists and managers who need ready access to some portion of the data on a regular basis. With this report one could, for example, quickly examine seasonal patterns, compare conditions at two stations, or see if surface and bottom conditions differed significantly. Trends, inter-annual variations and other important considerations are treated in other reports.

DESCRIPTION OF THE MONITORING PROGRAM

The Chesapeake Bay monitoring program includes some fifty stations within the bay proper or at the confluence of a tributary and the bay. Twenty-eight of those stations are located in Virginia. The responsibility for the monitoring in Virginia is shared between the Virginia Institute of Marine Science (VIMS) and Old Dominion University (ODU). VIMS samples the mid-portion of the bay, Mobjack Bay, and at the mouths of the Great Wicomico, Rappahannock, Piankiatank, York, Poquoson, and Back Rivers. ODU samples the lower portion of the bay and at the mouth of the James River. Station locations and depths are listed in Table 1, and locations shown in Figure 1.

Table 1. Location of Chesapeake Bay Water Quality Monitoring Stations

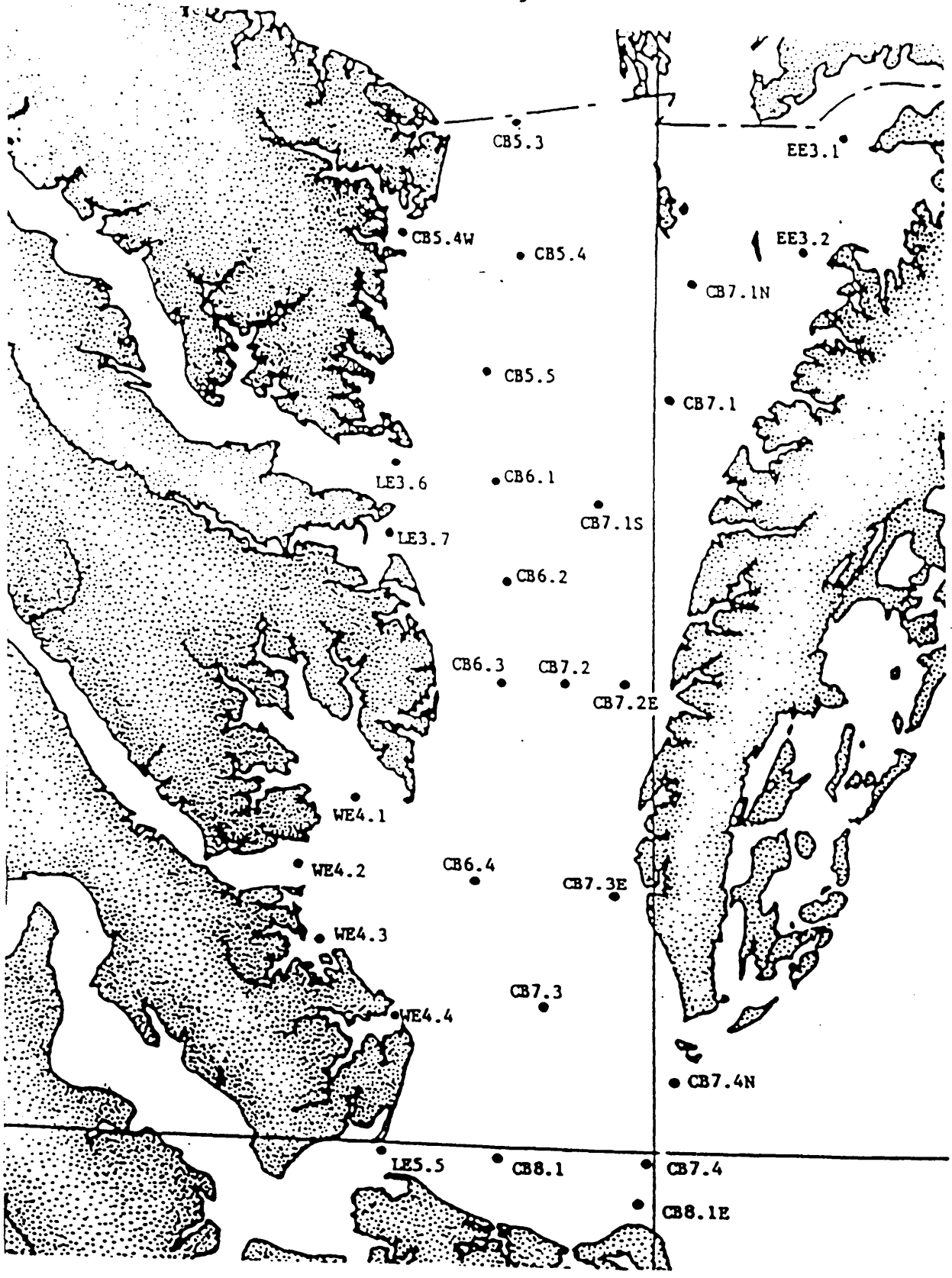
Sampled by VIMS

Station	Latitude	Longitude	Depth
CB5.3	37 57.7	76 10.0	23
CB5.4	37 48.0	76 10.5	33
CB5.5	37 41.5	76 11.4	20
CB6.1	37 35.3	76 9.8	13
CB6.2	37 29.2	76 9.4	11
CB6.3	37 24.7	76 9.6	12
EE3.1	37 54.5	75 47.5	4
EE3.2	37 47.6	75 50.6	26
CB7.1N	37 46.5	75 58.5	32
CB7.1	37 41.0	75 59.4	25
CB7.1S	37 34.9	76 3.5	16
CB5.4W	37 48.8	76 17.7	5
CB7.2	37 24.7	76 4.8	23
CB7.2E	37 24.7	76 1.5	14
LE3.6	37 35.8	76 17.1	10
LE3.7	37 31.8	76 18.4	8
WE4.1	37 18.7	76 20.8	6
WE4.2	37 14.5	76 23.2	15
WE4.3	37 10.6	76 22.4	6
WE4.4	37 6.6	76 17.6	8

Sampled by ODU

Station	Latitude	Longitude	Depth
CB6.4	37 14.2	76 12.5	11
CB7.3	37 7.0	76 7.5	14
CB7.4	36 59.6	76 0.6	14
CB7.4N	37 3.5	75 58.4	13
CB8.1E	36 56.7	76 1.5	18
CB8.1	36 59.3	76 10.1	9
CB7.3E	37 13.7	76 3.3	20
LE5.5	36 59.8	76 18.2	21

Figure 1. Map of Monitoring Stations



This report covers the 1985 water year; that is, October 1984 through September 1985. Sampling occurred twice per month during the warmer part of the year and once per month during colder months. During the 1985 water year, the once per month sampling occurred in November 1984 through February 1985 (see Table 2). All of the institutions attempt to complete the sampling at all bay and tributary stations within a three day window, typically the Monday through Wednesday of the chosen week. These sampling periods are determined in advance with scheduling dictated in large part by availability of research vessels. The time of sampling within the three day period is determined by each institution, with weather conditions frequently playing a major role in timing. No attempt is made to schedule the sampling at any lunar phase or to sample individual stations at particular tidal phases. Note that the twice per month frequency means that roughly the same stage of the lunar cycle will be captured, except when there is a three week interval, and the sampling switches to a different phase of the lunar cycle.

At each station, a standard protocol for sampling is followed. (See the Field Procedures Manual and the Instrument Calibration Manual for details.) Observations on sea state, weather conditions, and water clarity (Secchi depth reading) are made at each station when possible. The physical setting is monitored using continuous profiling instruments. Water temperature, conductivity, dissolved oxygen (DO), and pH readings are recorded at one meter intervals beginning at one meter below the surface (the surface sample) and continuing until one meter above the bottom (the bottom sample). At stations greater than 15 meters deep, measurements are recorded at one meter intervals for the first 15 meters, and at two meter intervals thereafter.

Water samples are collected at each station to determine water quality conditions. Each sample is analyzed for nutrients (carbon, nitrogen, phosphorus, silica), chlorophyll, and suspended solids. The complete list of analyses is given in Table 3. (See the Laboratory Procedures Manual for further details on nutrient analyses.)

Samples are collected one meter below the surface and one meter above the bottom at all stations. Beginning in January, 1985, additional samples were collected at the deep "main stem" stations - CB5.3, CB5.4, CB5.5, CB6.1,

CB6.2, CB6.3, CB6.4, CB7.3, and CB7.4. If the water column shows little density stratification, the additional samples are collected at 1/3rd and 2/3rd depths. If there is appreciable stratification, the samples are collected one meter above and one meter below the pycnocline, the layer within which density changes rapidly. The precise depths for sample collection are determined using the algorithm in Table 4.

Table 2. Days within each month when each station was sampled.

	Oct. 84	Nov. 84	Dec. 84	Jan. 85	Feb. 85	March 85
CB5.3	8, 22	-	10	14	11	4, 19
CB5.4	8, 22	-	10	14	11	4, 19
CB5.5	8, 24	26	10	14	11	4, 19
CB6.1	8, 24	26	10	18	11	4, 19
CB6.2	9, 24	-	10	18	11	4, -
CB6.3	9, 24	-	10	18	11	4, 19
CB6.4	8, 22	16	11	24	14	5, 26
CB7.3	8, 22	16	11	24	14	5, 26
CB7.4	8, 22	16	11	24	14	5, 26
CB7.4N	8, 22	16	11	24	14	5, 26
CB8.1E	8, 22	16	11	24	14	5, 26
CB8.1	8, 22	16	11	24	14	5, 26
EE3.1	8, 22	26	10	14	-	4, 19
EE3.2	8, 22	26	10	14	11	4, 19
CB7.1N	8, 22	26	10	14	11	4, 19
CB7.1	8, 24	26	10	14	11	4, 19
CB7.1S	8, 24	26	10	14	11	4, 19
CB5.4W	8, -	-	10	14	11	4, 19
CB7.2	9, 24	-	10	18	11	4, 19
CB7.2E	9, 24	-	10	18	11	4, 19
CB7.3E	8, 22	16	11	24	14	5, 26
LE3.6	8, 24	26	10	18	11	4, 19
LE3.7	8, -	-	10	14	11	4, 19
WE4.1	9, 24	19	10	18	11	4, 19
WE4.2	9, 24	8	10	18	11	4, 19
WE4.3	9, 25	8	10	18	11	4, 19
WE4.4	9, 25	8	10	18	11	4, 19
LE5.5	8, 22	16	11	24	14	5, 26

Table 2 (cont.). Days within each month when each station was sampled.

	April 85	May 85	June 85	July 85	Aug. 85	Sep. 85
CB5.3	11, 22	6, 20	3, 17	8, 22	6, 19	9, 30
CB5.4	11, 22	6, 20	3, 17	8, 22	6, 19	9, 30
CB5.5	9, 22	6, 20	3, 17	8, 22	6, 19	9, 30
CB6.1	9, 22	6, 20	3, 17	8, 22	6, 19	9, 30
CB6.2	10, 22	6, 20	3, 19	8, 22	6, 20	10, -
CB6.3	10, 22	6, 20	4, 19	9, 24	7, 20	10, -
CB6.4	11, 23	7, 22	3, 17	8, 22	6, 20	10, 30
CB7.3	11, 23	7, 22	3, 17	8, 22	6, 20	10, 30
CB7.4	11, 23	7, 22	3, 17	8, 22	6, 20	10, 30
CB7.4N	11, 23	7, 22	3, 17	8, 22	6, 20	10, 30
CB8.1E	11, 23	7, 22	3, 17	8, 22	6, 20	10, 30
CB8.1	11, 23	7, 22	3, 17	8, 22	6, 20	10, 30
EE3.1	11, 22	6, 20	3, 17	8, 22	6, 19	9, 30
EE3.2	11, 22	6, 20	3, 17	8, 22	6, 19	9, 30
CB7.1N	11, 22	6, 20	3, 17	8, 22	6, 19	9, 30
CB7.1	-, 22	6, 20	3, 17	8, 22	6, 19	9, 30
CB7.1S	9, 22	6, 20	3, 17	8, 22	6, 19	9, 30
CB5.4W	11, 22	6, 20	3, 17	8, 22	6, 19	9, 30
CB7.2	10, 22	6, 20	4, 19	9, 24	7, 20	10, -
CB7.2E	10, 22	6, 20	4, 19	9, 24	7, 20	10, -
CB7.3E	11, 23	7, 22	3, 17	8, 22	6, 20	10, 30
LE3.6	9, 22	6, 20	-, 17	8, 22	6, 19	9, 30
LE3.7	9, 22	6, 20	3, 17	8, 22	6, 19	9, 30
WE4.1	10, 22	6, 20	4, 19	9, 23	7, 20	10, -
WE4.2	10, 22	6, 20	4, 19	9, 23	7, 20	10, -
WE4.3	10, 22	6, 20	4, 19	9, 23	7, 20	10, -
WE4.4	10, 22	6, 20	4, 19	9, 23	7, 20	10, -
LE5.5	11, 23	7, 22	3, 17	8, 22	6, 20	10, 30

Table 3. Water Quality Analyses and Detection Limits for Water Year 1985

	Detection Limit VIMS	ODU
Carbon		
Total organic carbon	1.0	1.0
Dissolved organic carbon	1.0	1.0
Nitrogen		
Total kjeldahl nitrogen	0.1	0.1
Dissolved kjeldahl nitrogen	0.1	0.1
Ammonia-nitrogen	0.02	0.006
Nitrite-nitrogen	0.004	0.001
Nitrate+nitrite-nitrogen	0.02	0.01
Phosphorus		
Total phosphorus	0.01	0.01
Total dissolved phosphorus	0.01	0.01
Orthophosphate	0.01	0.01
Silica		
Dissolved silica	0.056	0.028
Chlorophyll		
Total Suspended Solids		

Table 4. Algorithm to determine pycnocline location and sampling depths

$$\frac{(Cond.atBottom - Cond.atSurface)}{(TotalDepth - 0.5)} \times 2 = Thresholdvalue$$

If the threshold value is less then 0.5, then samples are taken at one-third and two-thirds depths.

If the threshold value is greater then 0.5, then a sample is taken one meter above the first occurrence (proceeding from the surface to the bottom) where the change in conductivity between depths is greater than the threshold value and another sample is taken one meter below the last occurrence where the change in conductivity between depths is greater than the threshold value.

RESULTS

The monitoring results are presented in tables and figures in the appendices and are arranged by water quality analysis. For each measure of water quality, the maximum, mean, and minimum values observed at each station during the year are listed in the table. These statistics are given for both the surface and bottom sampling points. These tables then show the range of values encountered during the year, the mean conditions, and they also show whether there are surface to bottom differences.

Following the table, the data for each station has been plotted, so that the seasonal cycle can be seen. When there were two cruises during a month, the data from the two cruises have been combined. The surface and bottom values are presented independently, along with the monthly maximum, minimum, and mean concentrations. The maximum and minimum values at the surface are presented as "whiskers" and the maximum and minimum values at the bottom are presented as "boxes."

Only data for the surface and bottom samples have been tabulated and plotted; no pycnocline results are included. The reader should note this, so that there is no confusion with surface mixed layer or bottom mixed layer values, which would be determined by averaging the surface and above pycnocline results, or the below pycnocline and bottom results.

Perhaps the single most important measure of water quality is the dissolved oxygen (DO) concentration. For estuarine waters in Virginia, state water quality standards specify that the daily average DO concentration should be 5.0 mg/l or greater and that no observation should be below 4.0 mg/l. The portion of the observations below 5 mg/l and below 4 mg/l have been calculated for each station and are included in the DO section.

Several of the nutrient concentrations were below the detection limit of the laboratory instruments in 1985. At some stations, more than 50% and up to 100% of the observations were below the detection limit. This occurred mainly in total dissolved phosphorus, ortho-phoshate, nitrate+nitrite, nitrite, and silica. Values that are below the detection limit are set to

one-half of the detection limit (e.g. detection limit = .01, if a value is below detection limit it would be set to .005). Therefore, none of the minimum values listed in the tables and graphs are less than one-half of the detection limit.

Several values have been calculated and plotted. Salinity is determined using water temperature and conductivity observations and the UNESCO Equations of State (UNESCO, 1983). Total nitrogen has been calculated by summing the values for the total kjeldahl and oxidized nitrogen (NO2+NO3) fractions. Chlorophyll-a has been calculated using a trichromatic formulate (ASTM method D 3731-79).

REFERENCES

Field Procedures Manual. 1989. Data Acquisition and Instrumentation Group, Physical Oceanography Division, VIMS.

Instrument Calibration Manual. 1989. Data Acquistion and Instrumentation Group, Physical Oceanography Division, VIMS.

Laboratory Procedures Manual. 1989. Nutrient Analysis Laboratory, Physical Oceanography Division, VIMS.

ASTM D 3731-79: Standard Practices for Measurement of Chlorophyll Content of Algae in Surface Waters. In: 1979 Annual Book of ASTM Standards, Part31, Water. American Society for Testing and Materials, Philadelphia, Pennslyvania.

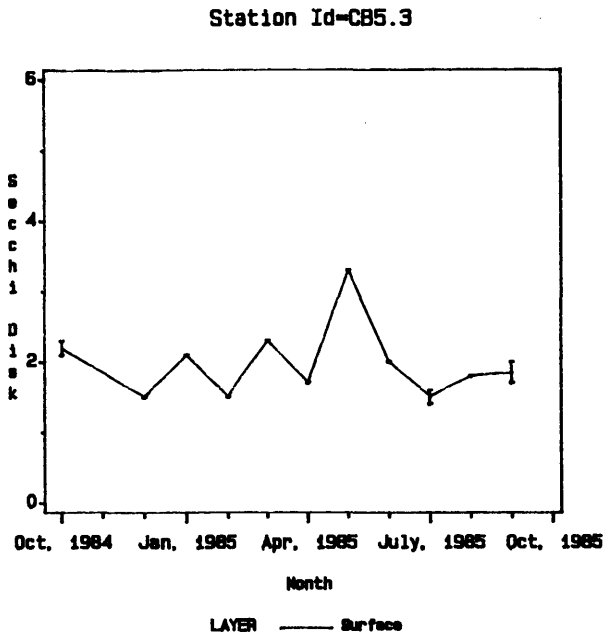
UNESCO, 1983. UNESCO Technical Papers in Marine Science 44. Algorithms for Computation of Fundamental Properities of Seawater.

SECCHI DISK

Values reported as meters.

Secchi Disk
October, 1984 - September, 1985

	Secchi Disk		
	Max	Mean	Min
CB5.3.....	3.30	1.94	1.40
CB5.4.....	3.40	2.29	1.40
CB5.5.....	3.30	2.25	1.50
CB6.1.....	2.90	1.89	1.30
CB6.2.....	4.00	1.84	0.90
CB6.3.....	2.80	1.68	0.70
CB6.4.....	4.00	2.16	1.00
CB7.3.....	5.00	2.48	1.00
CB7.4.....	5.00	2.62	1.00
CB7.4N.....	5.00	2.52	1.00
CB8.1E.....	4.00	2.32	1.50
CB8.1.....	3.00	1.89	1.00
EE3.1.....	3.00	1.18	0.40
EE3.2.....	2.60	1.49	0.90
CB7.1N.....	3.00	1.74	1.00
CB7.1.....	3.60	1.98	0.90
CB7.1S.....	4.40	2.13	1.30
CB5.4W.....	2.80	1.81	1.00
CB7.2.....	3.80	1.99	0.90
CB7.2E.....	3.00	1.89	0.90
CB7.3E.....	5.00	2.34	1.50
LE3.6.....	2.70	1.72	1.30
LE3.7.....	2.20	1.53	0.40
WE4.1.....	3.10	1.51	0.70
WE4.2.....	3.20	1.56	1.10
WE4.3.....	3.50	1.66	0.80
WE4.4.....	2.30	1.37	0.70
LE5.5.....	2.00	1.55	1.00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4
2
0
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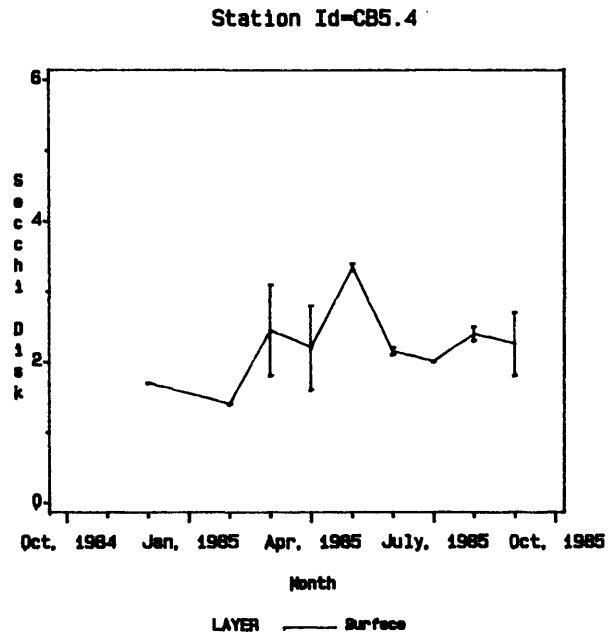
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface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Month
LAYER
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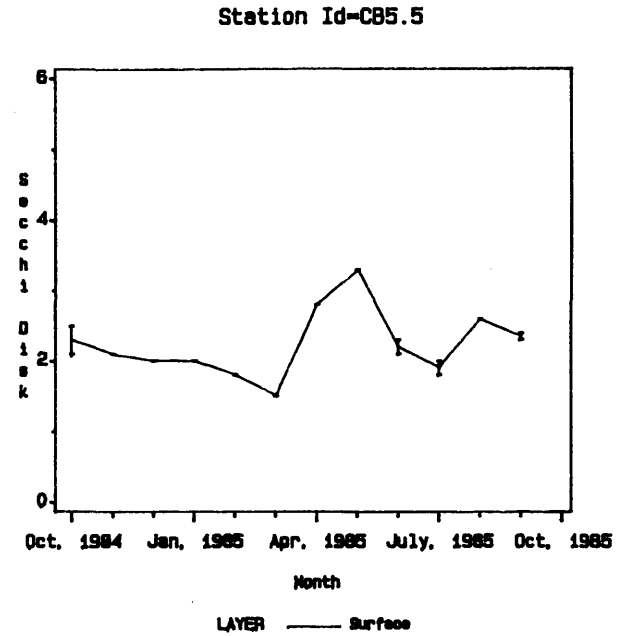
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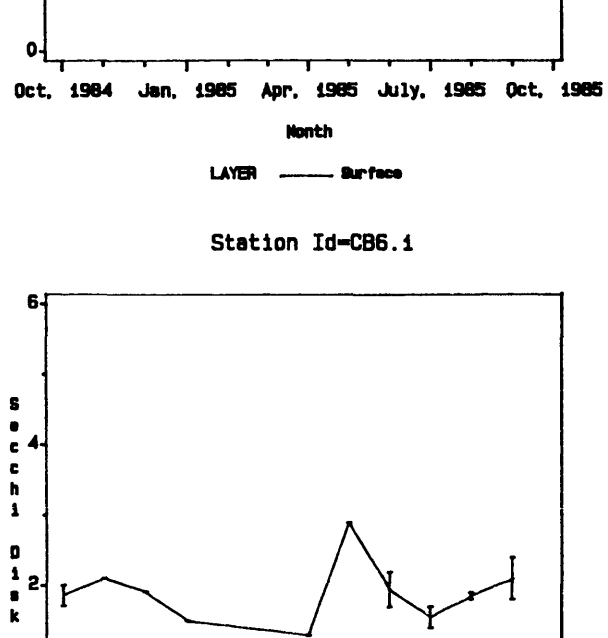
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Oct. 1985
Month
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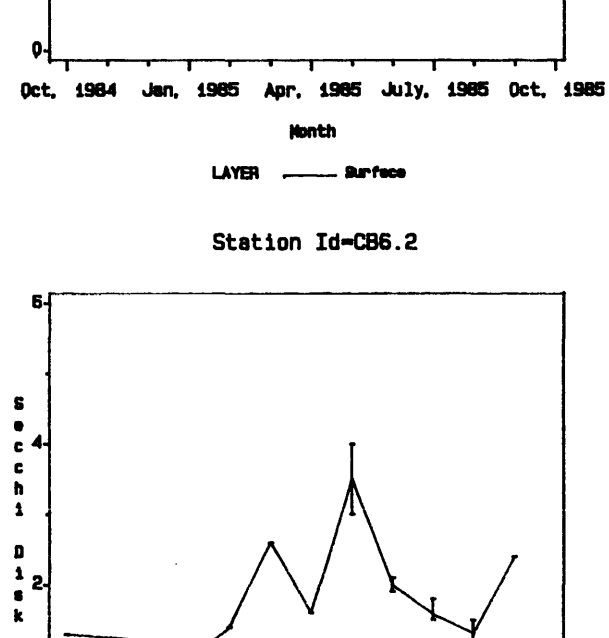
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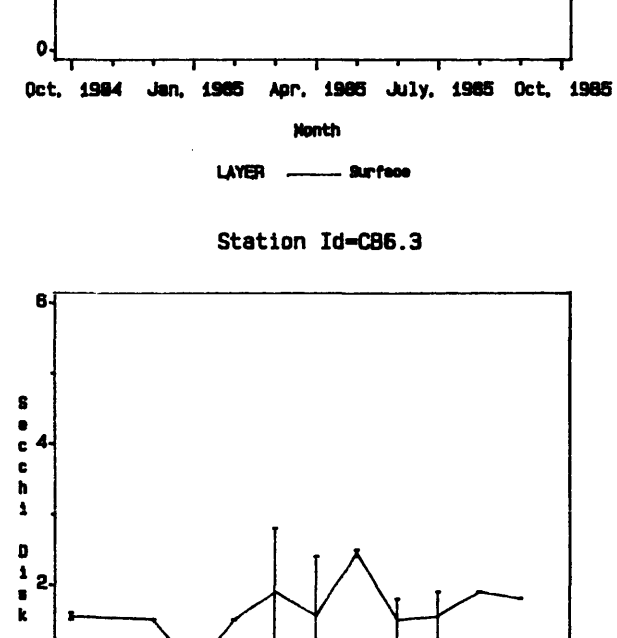
Oct. 1985
Month
Surface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Month
Surface

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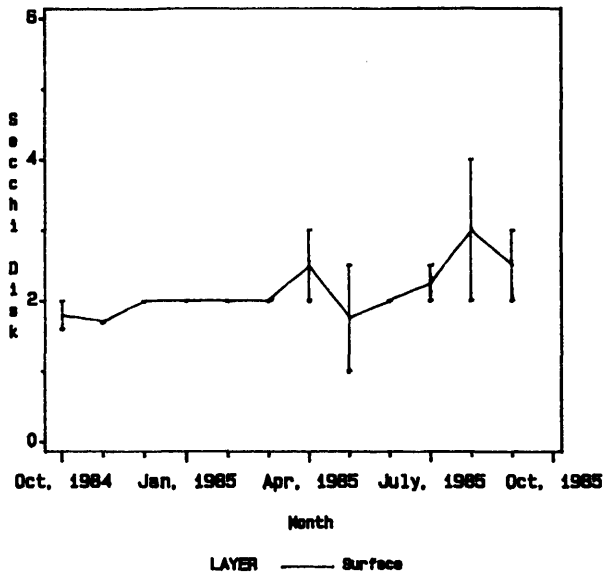

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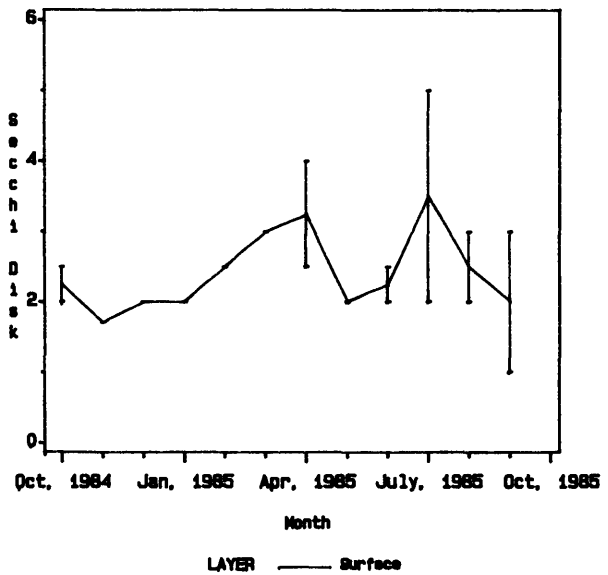

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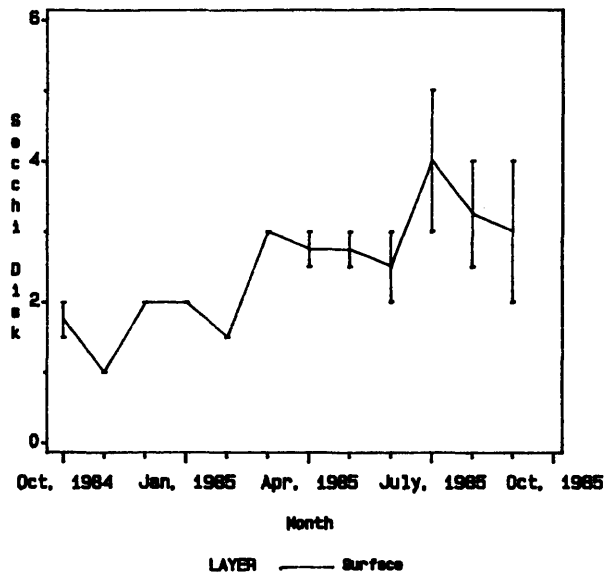

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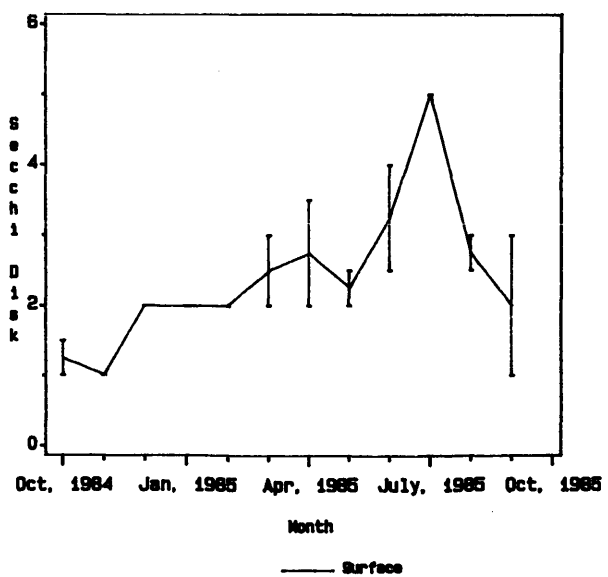

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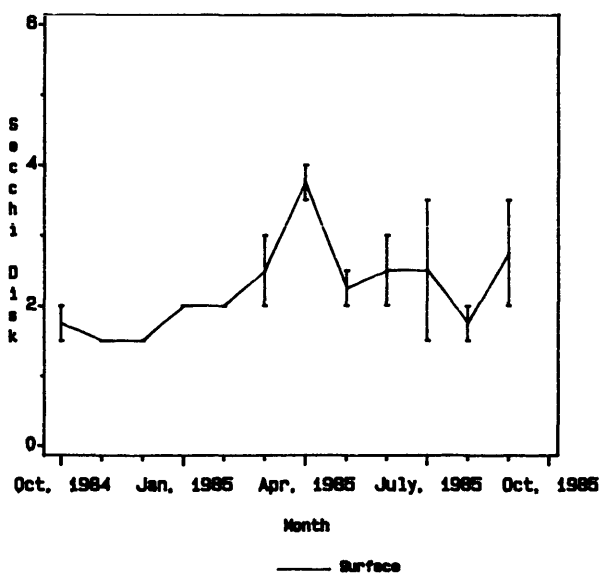

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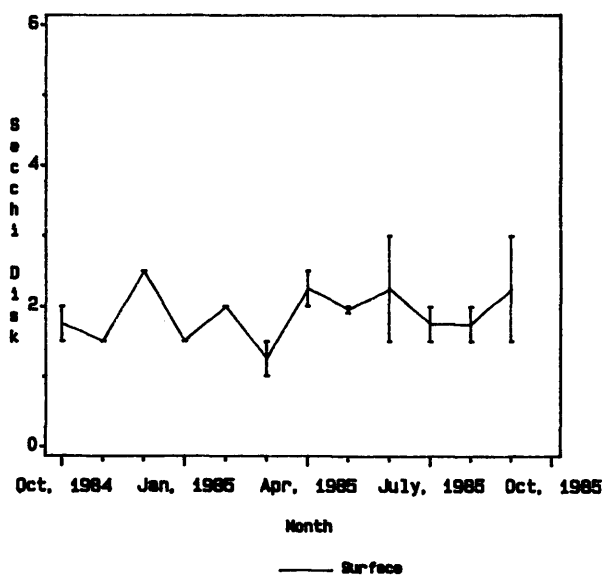

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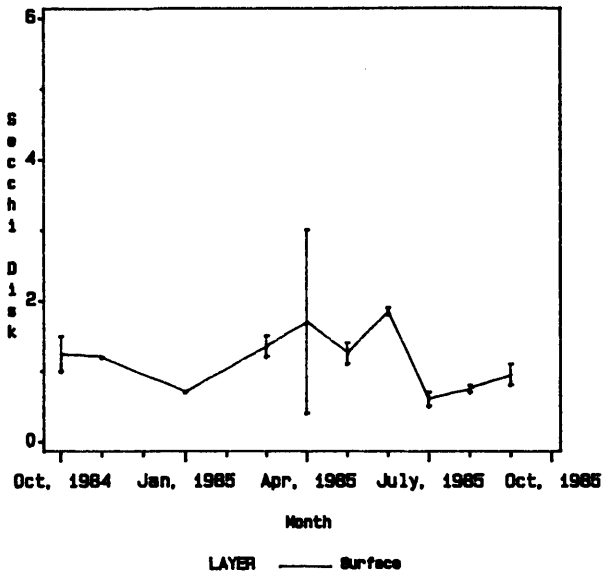

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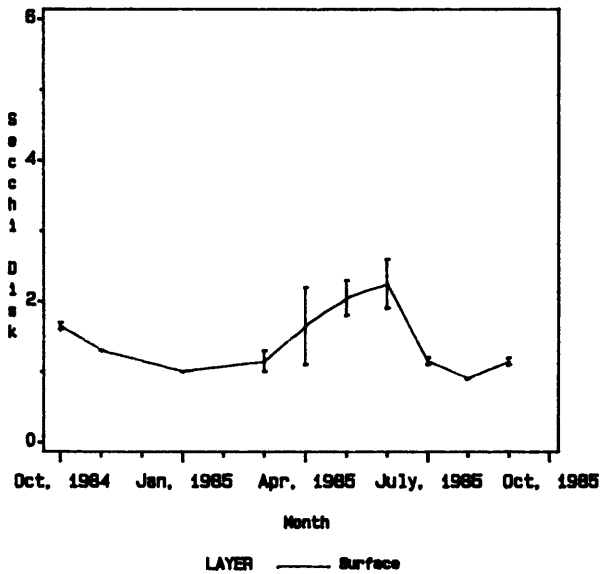

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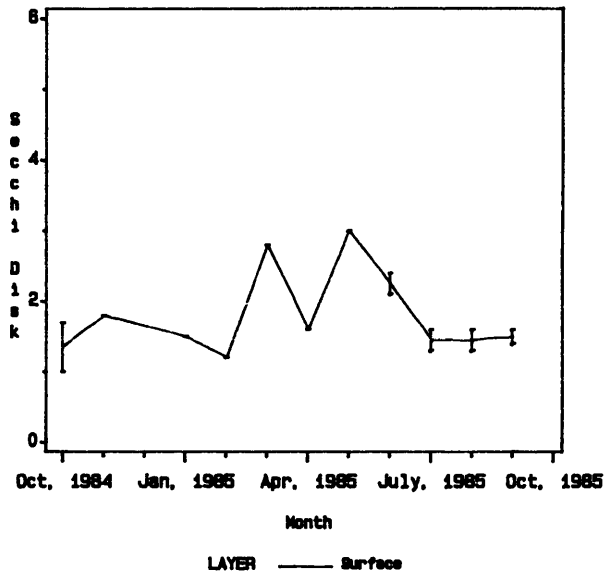

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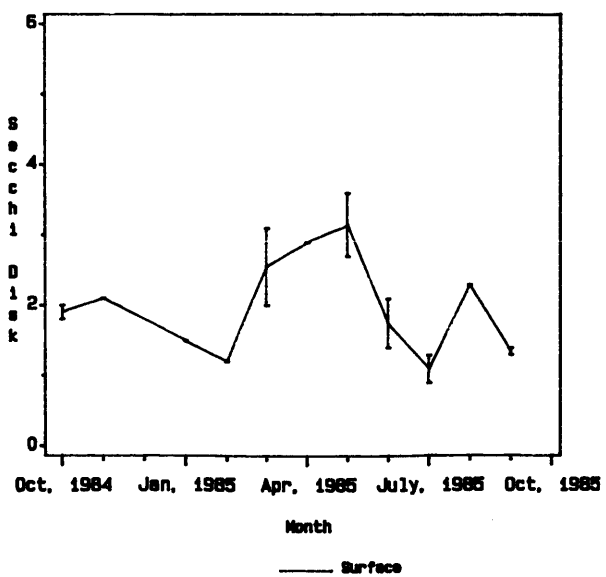

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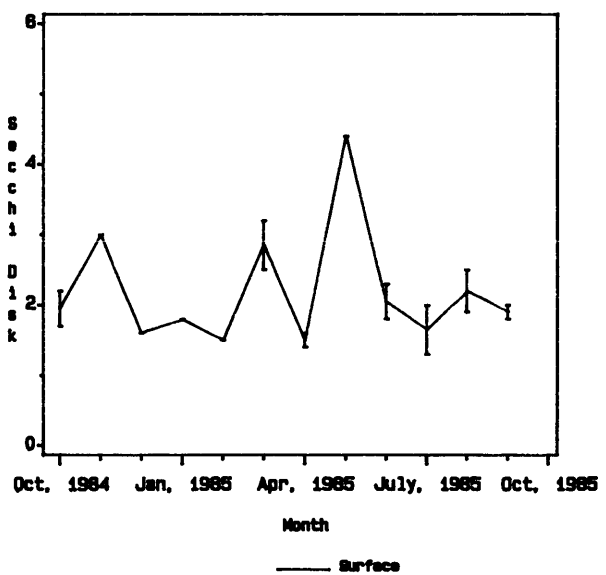

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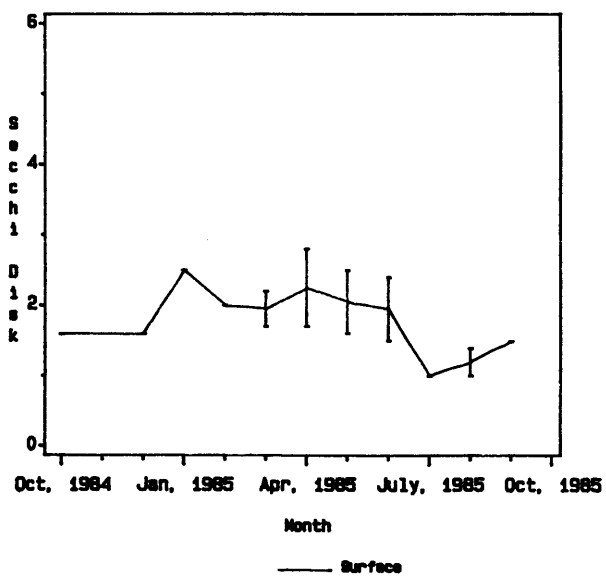

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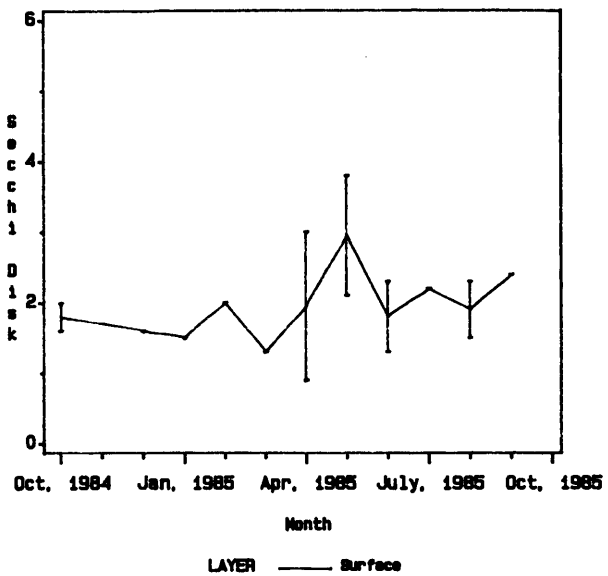
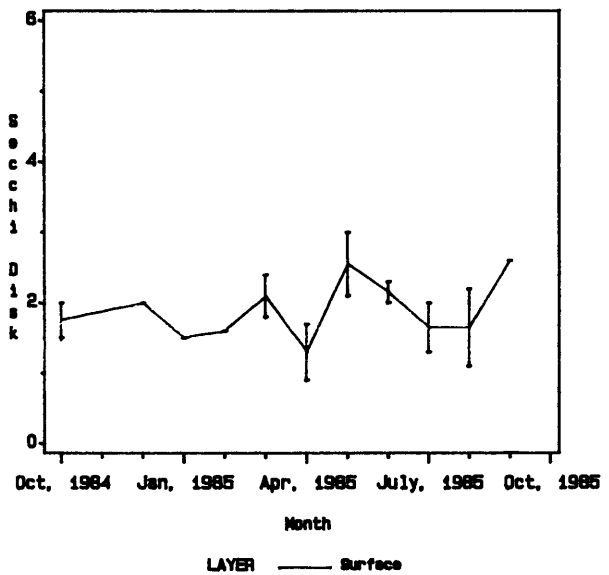
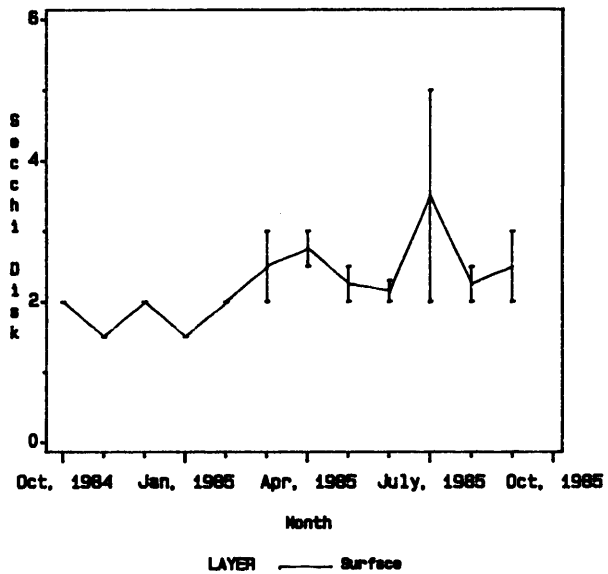


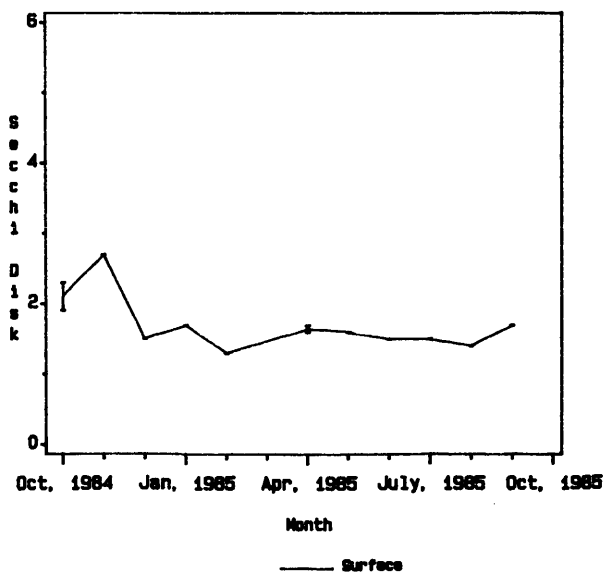
Station Id=CB7.2E



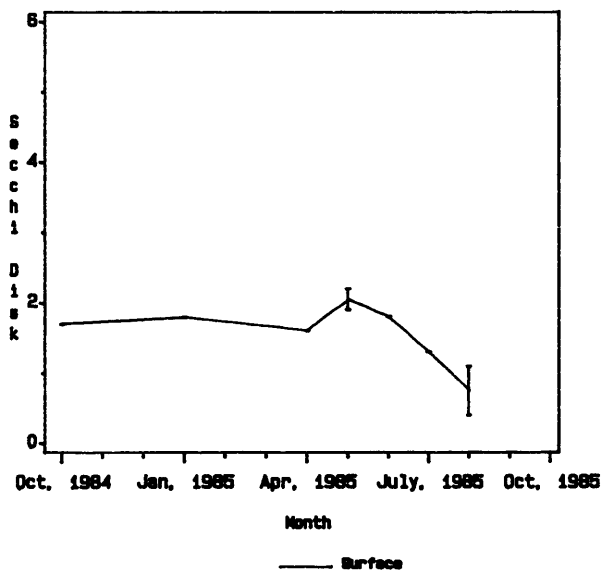
Station Id=CB7.3E



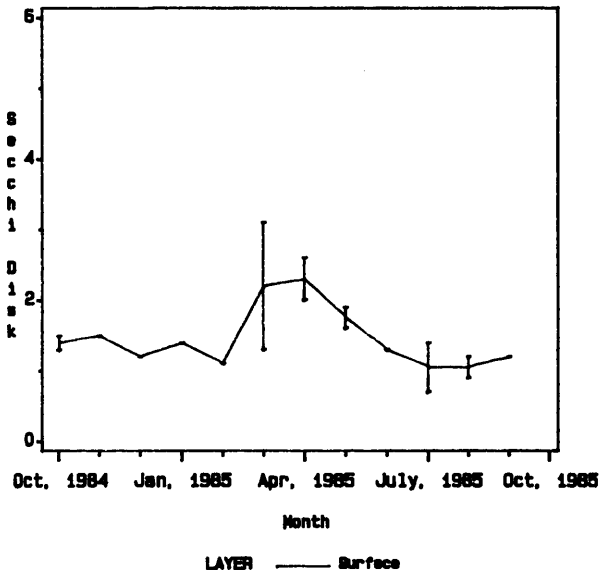
Station Id=LE3.6



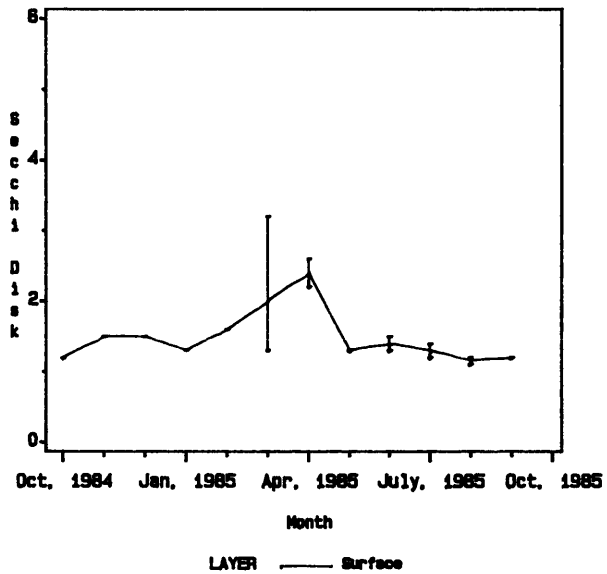
Station Id=LE3.7



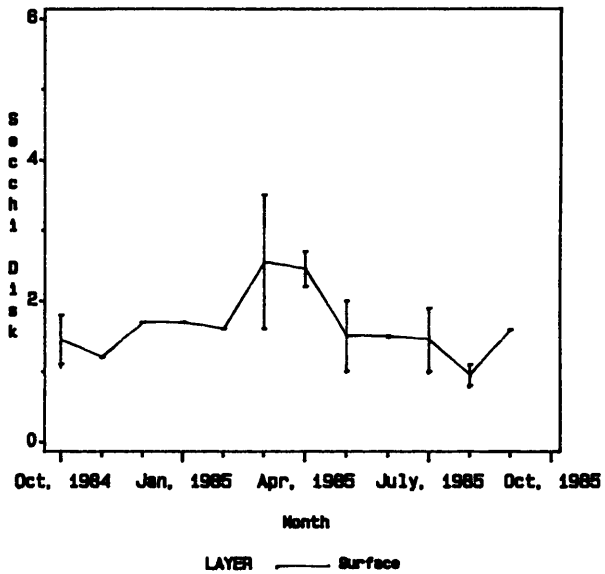
Station Id=WE4.1



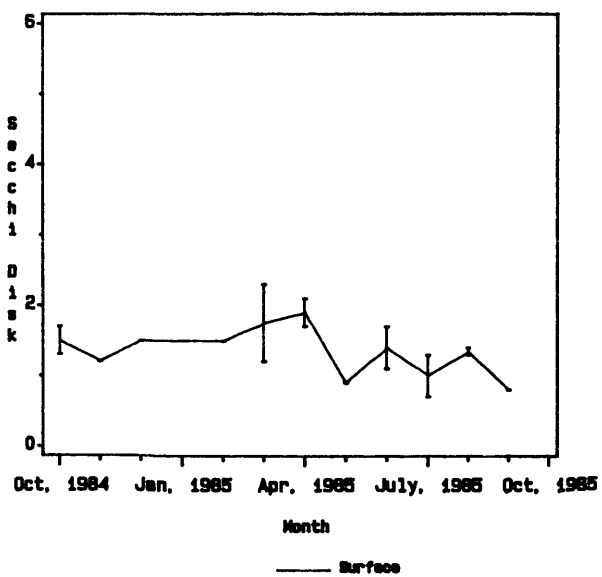
Station Id=WE4.2



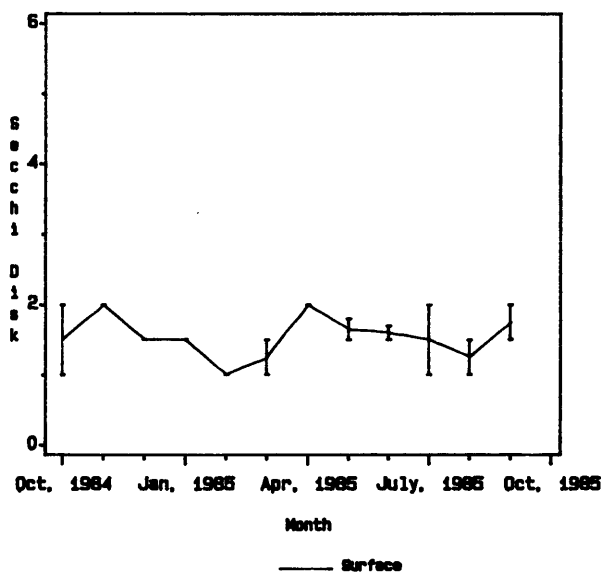
Station Id=WE4.3



Station Id=WE4.4



Station Id=LE5.5



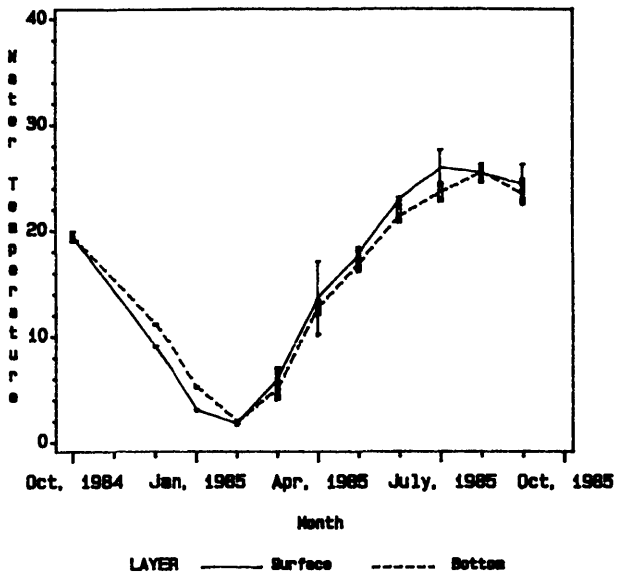
WATER TEMPERATURE

Values reported as degrees Centigrade.

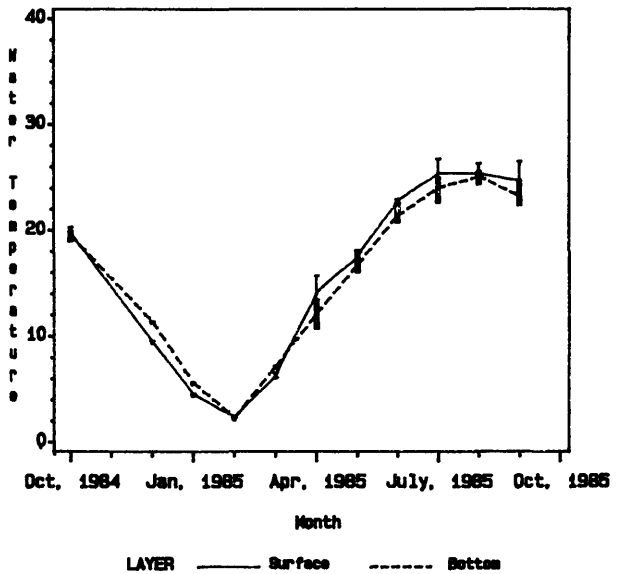
Water Temperature
October, 1984 - September, 1985

	Water Temperature					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	27.58	17.07	1.70	25.94	15.86	1.95
CB5.4.....	26.76	17.27	2.31	25.57	17.25	2.29
CB5.5.....	27.06	16.69	1.16	25.69	15.66	1.05
CB6.1.....	26.99	16.83	2.45	26.25	16.60	2.22
CB6.2.....	28.53	17.96	1.16	26.65	17.31	0.95
CB6.3.....	28.38	17.32	0.95	26.79	16.14	1.05
CB6.4.....	28.12	16.79	0.70	26.66	15.67	0.65
CB7.3.....	31.88	17.18	0.75	25.69	15.99	1.13
CB7.4.....	26.54	16.13	1.20	25.53	15.27	1.92
CB7.4N.....	27.62	16.08	1.12	25.54	16.67	1.15
CB8.1E.....	26.62	15.88	0.80	25.48	13.64	2.15
CB8.1.....	28.80	17.31	1.09	25.85	15.79	1.44
EE3.1.....	28.21	18.08	1.55	28.19	18.11	1.52
EE3.2.....	27.93	16.94	1.87	27.27	16.77	1.24
CB7.1N.....	27.91	16.62	2.00	26.66	16.89	1.94
CB7.1.....	27.44	17.49	2.03	26.32	17.16	2.46
CB7.1S.....	28.86	17.51	2.64	26.30	16.61	2.31
CB5.4W.....	28.25	17.71	2.11	27.76	18.42	2.29
CB7.2.....	28.52	16.74	1.26	26.56	16.13	1.26
CB7.2E.....	28.72	17.48	1.99	27.20	15.57	0.95
CB7.3E.....	28.64	16.76	0.85	25.30	14.26	0.46
LE3.6.....	26.78	16.46	1.05	26.98	15.87	0.64
LE3.7.....	27.94	17.82	1.86	26.97	17.74	2.16
WE4.1.....	29.53	17.49	0.95	29.05	17.20	0.53
WE4.2.....	29.00	17.73	1.78	26.80	15.93	0.95
WE4.3.....	29.31	17.98	1.26	27.79	16.50	1.26
WE4.4.....	29.46	17.57	0.55	29.17	17.60	0.55
LE5.5.....	30.30	17.49	0.50	26.71	17.27	2.22

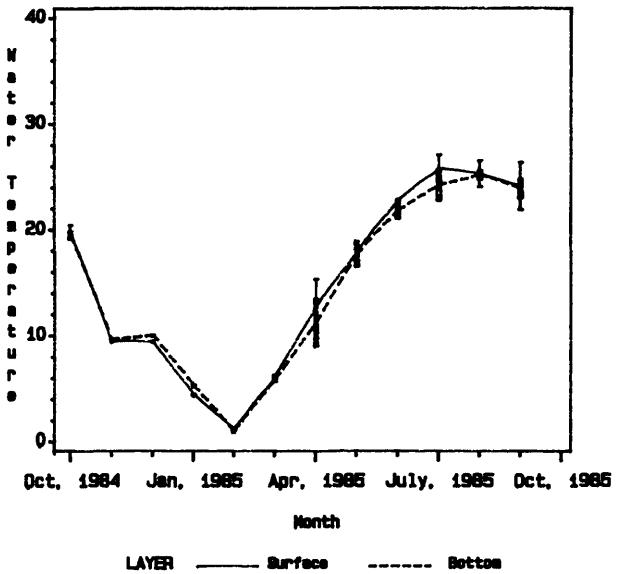
Station Id=CB5.3



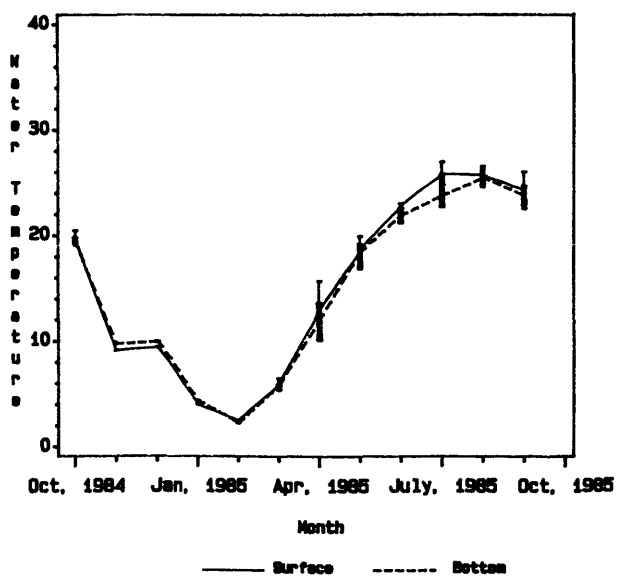
Station Id=CB5.4



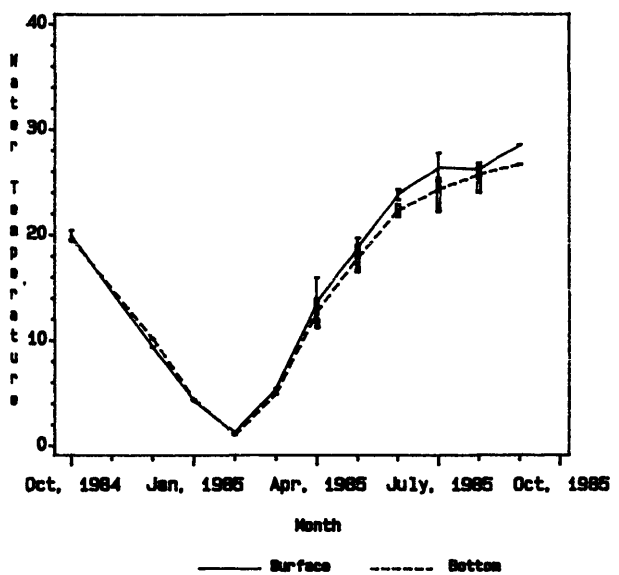
Station Id=CB5.5



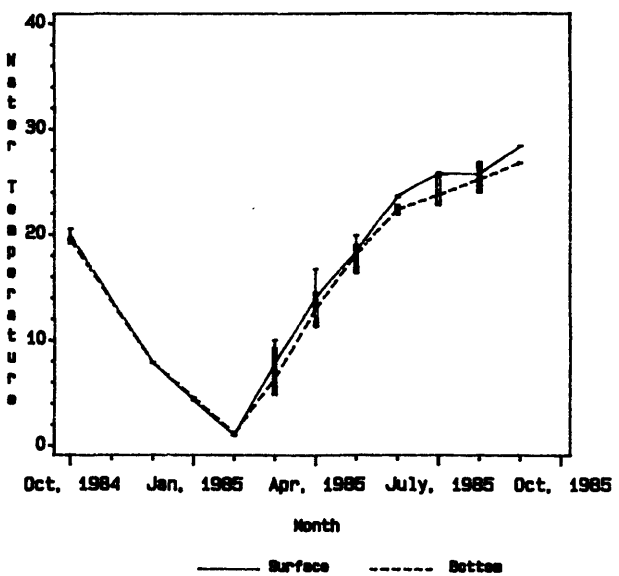
Station Id=CB6.1



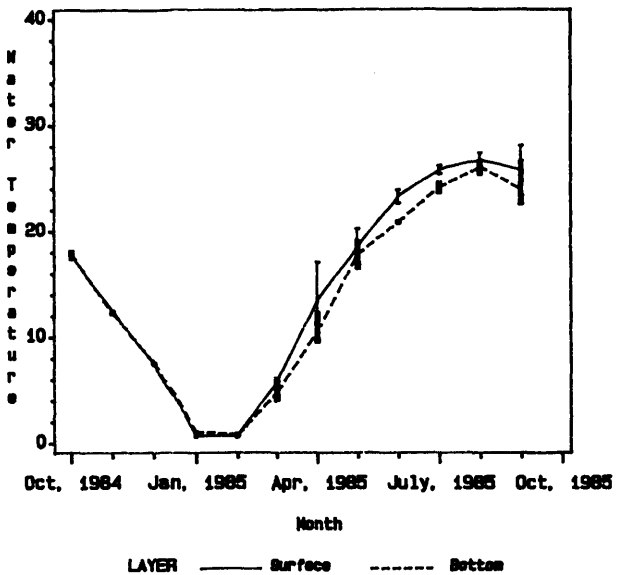
Station Id=CB6.2



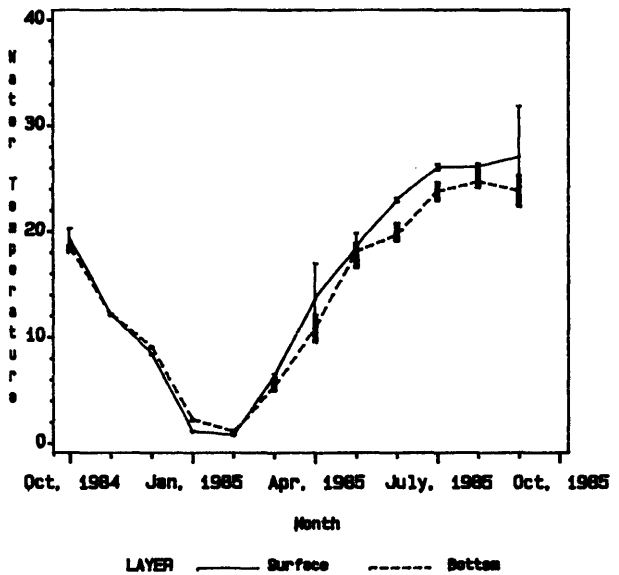
Station Id=CB6.3



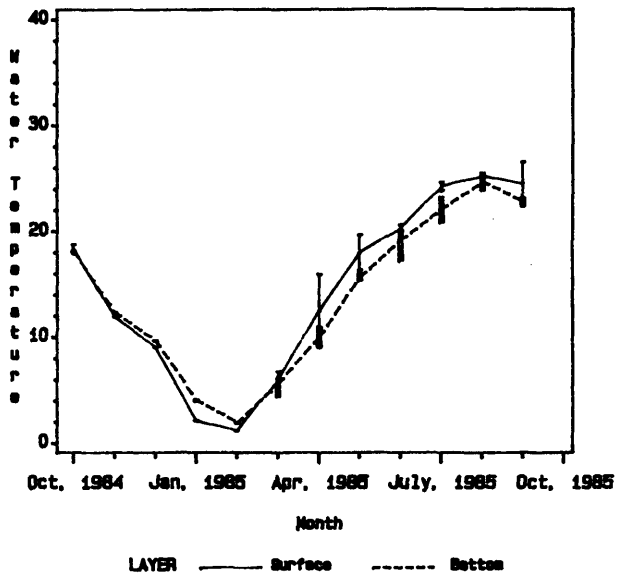
Station Id=CB6.4



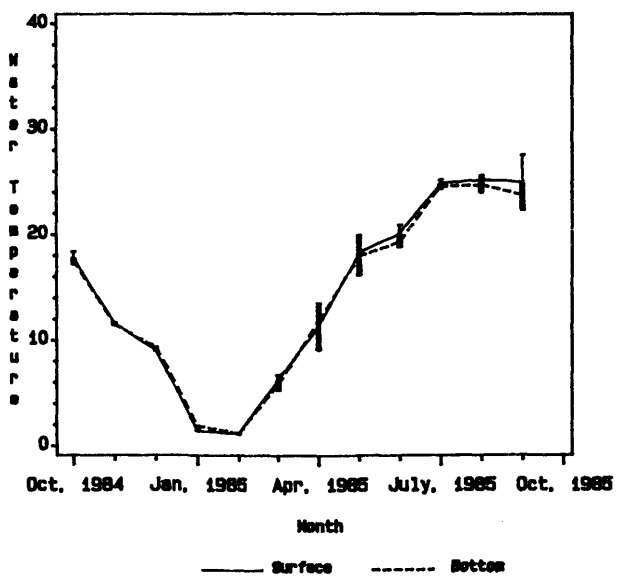
Station Id=CB7.3



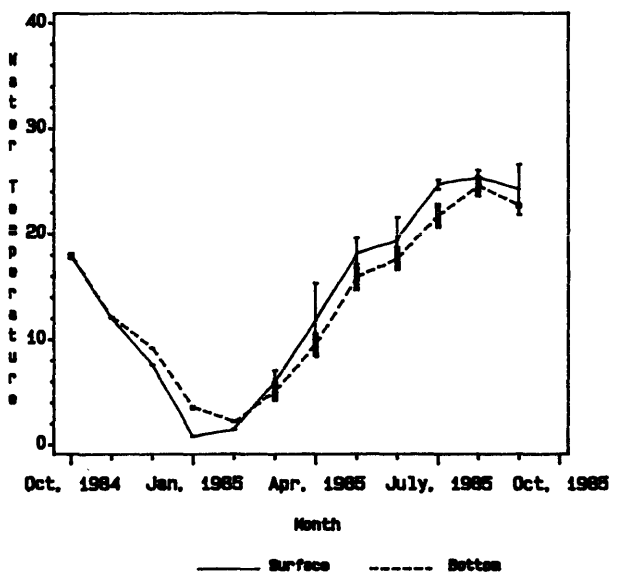
Station Id=CB7.4



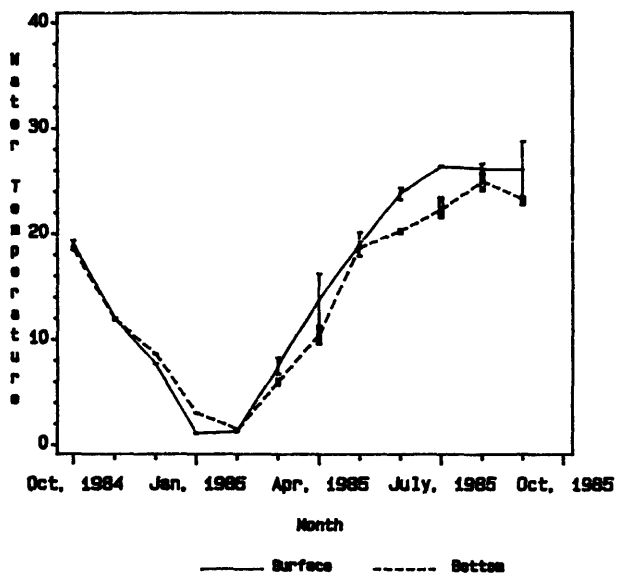
Station Id=CB7.4N



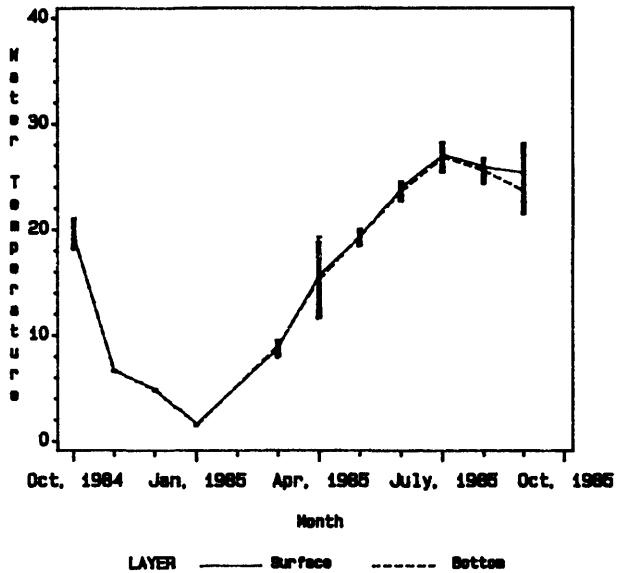
Station Id=CB8.1E



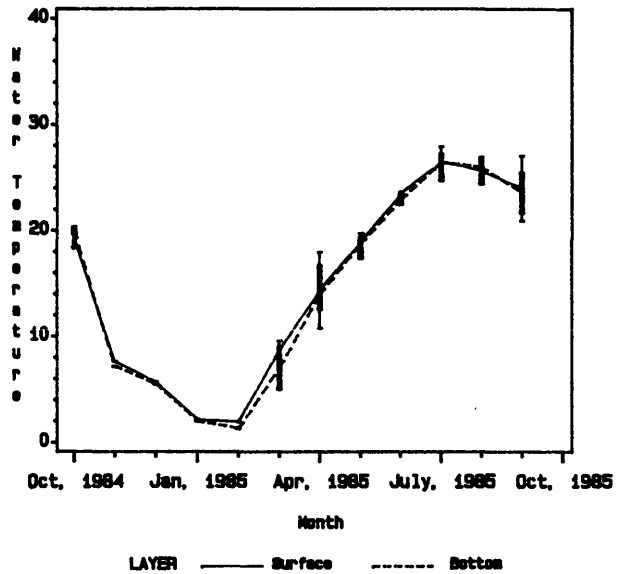
Station Id=CB8.1



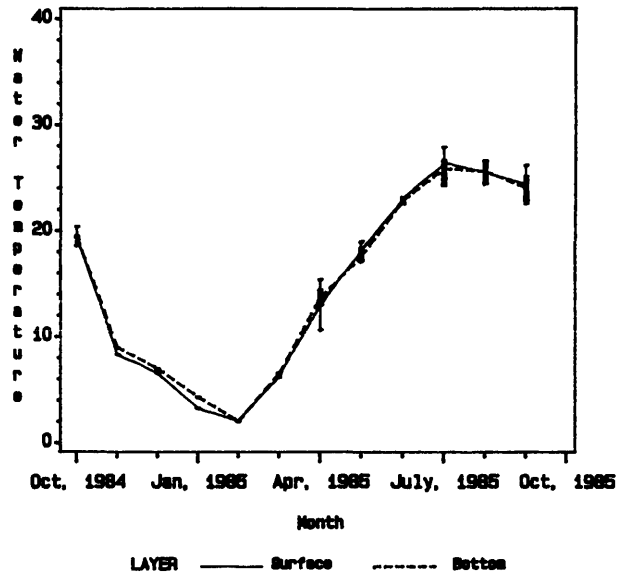
Station Id=EE3.1



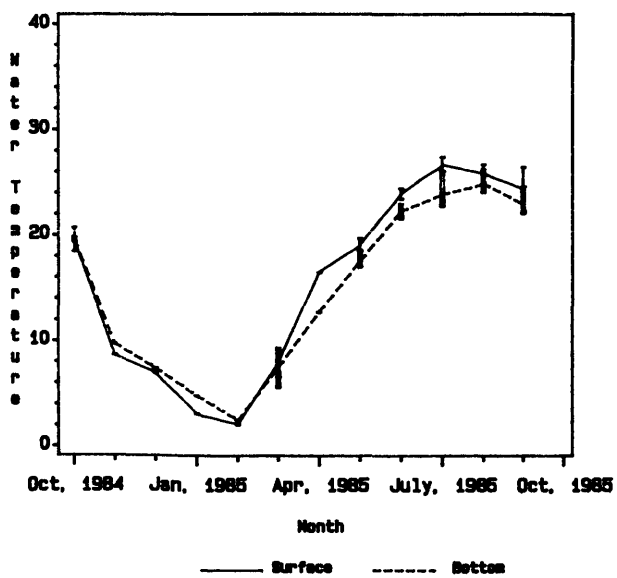
Station Id=EE3.2



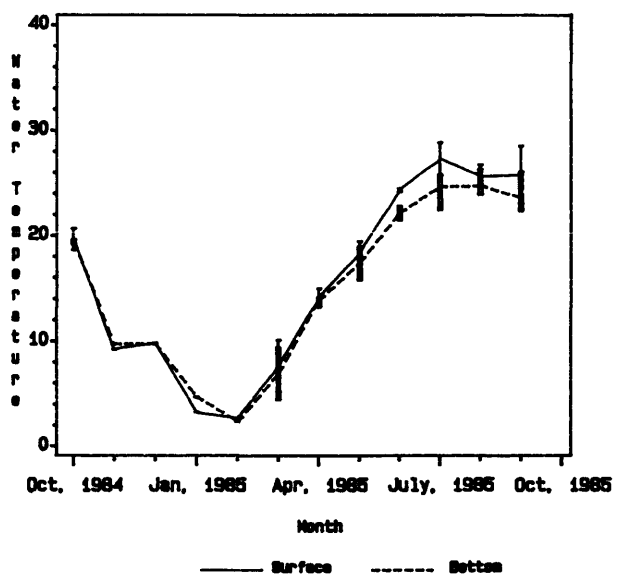
Station Id=CB7.1N



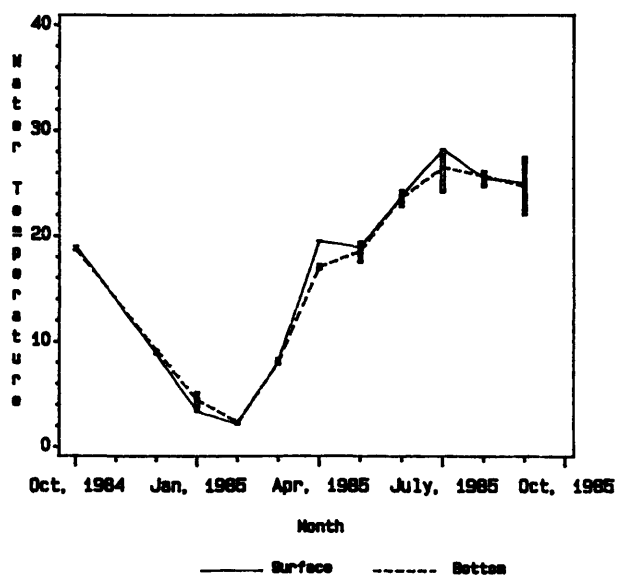
Station Id=CB7.1



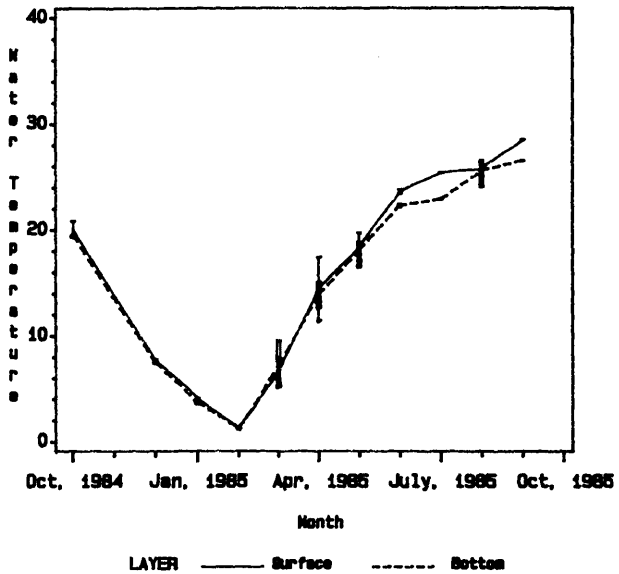
Station Id=CB7.1S



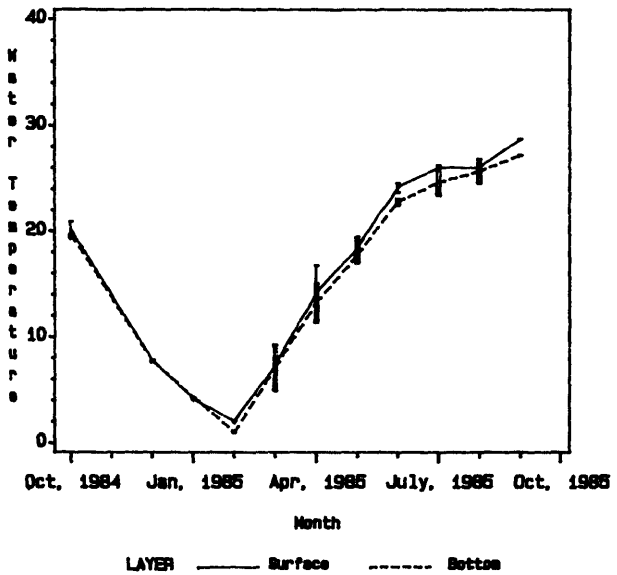
Station Id=CB5.4W



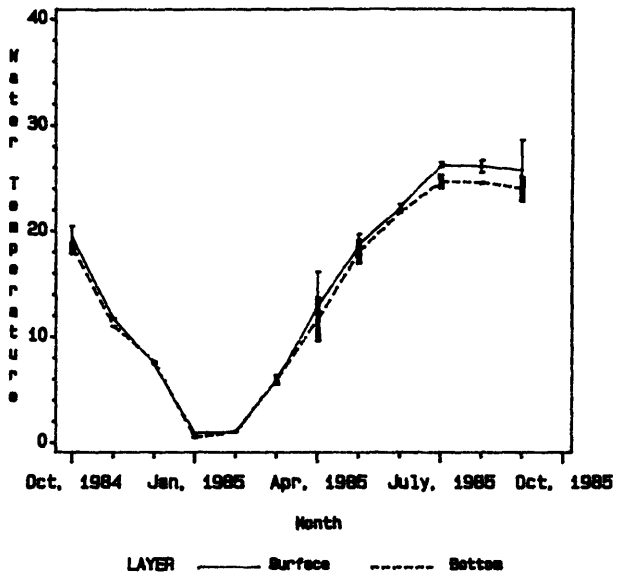
Station Id=CB7.2



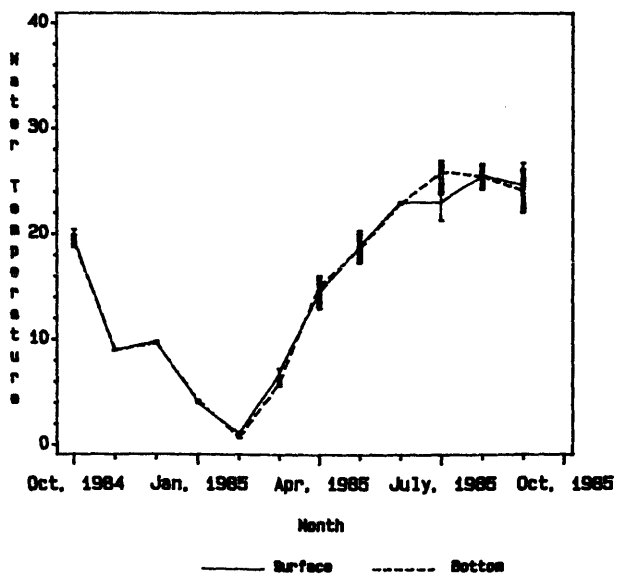
Station Id=CB7.2E



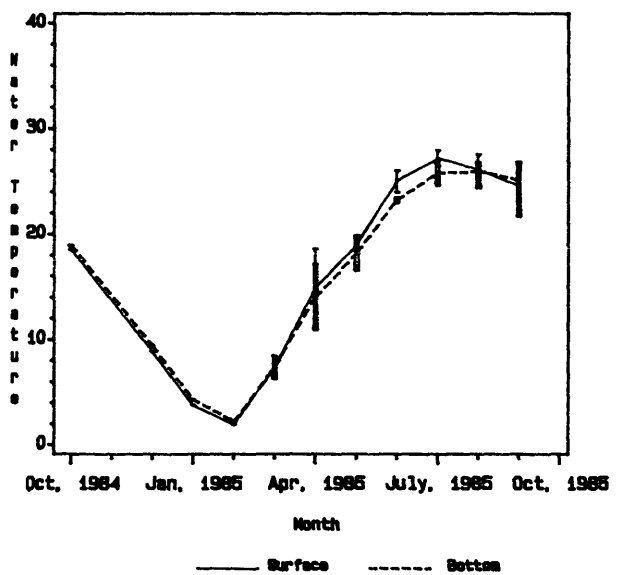
Station Id=CB7.3E



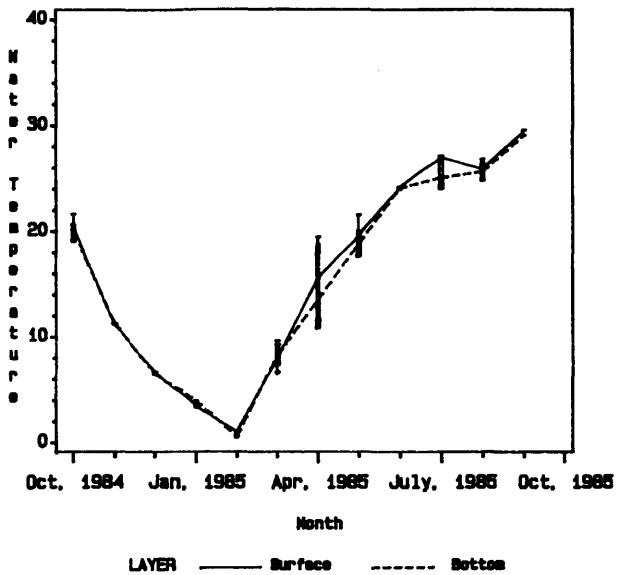
Station Id=LE3.6



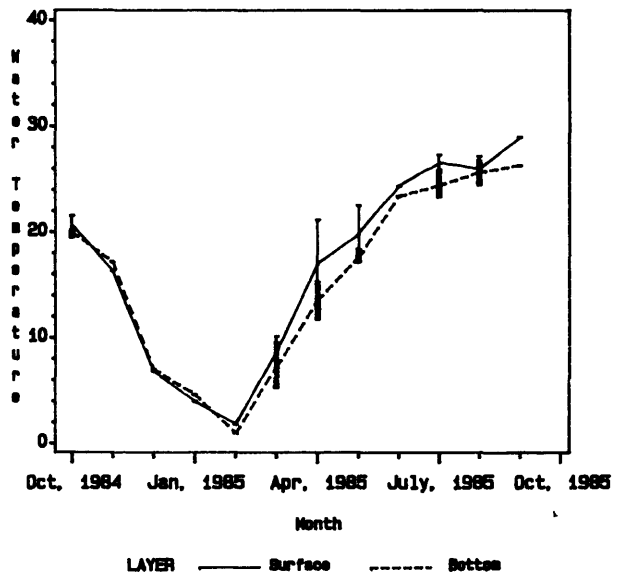
Station Id=LE3.7



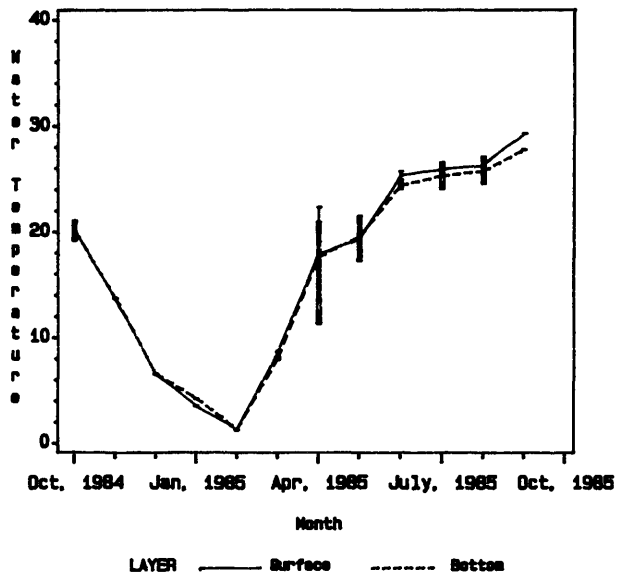
Station Id=WE4.1



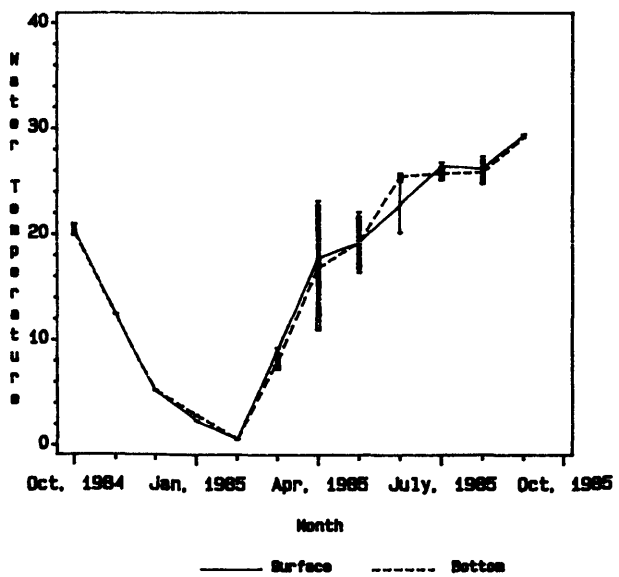
Station Id=WE4.2



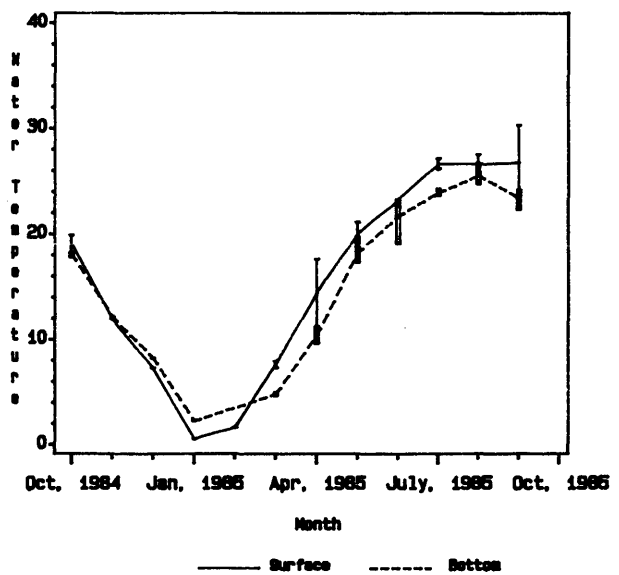
Station Id=WE4.3



Station Id=WE4.4



Station Id=LE5.5



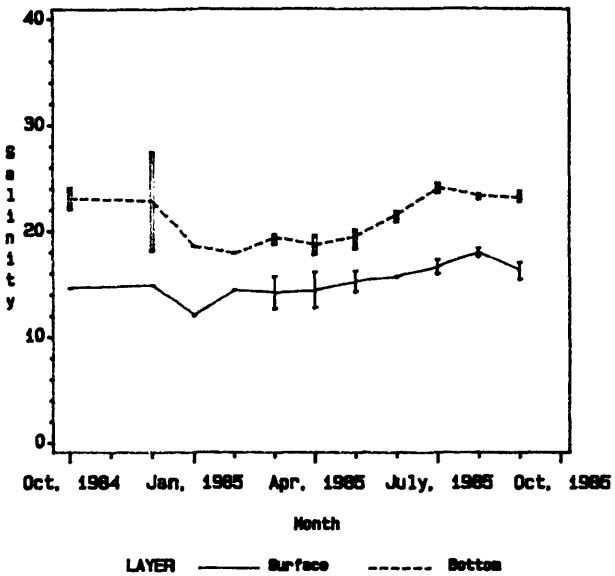
SALINITY

Salinity is calculated using UNESCO 83 EOS and is reported as practical salinity (PS).

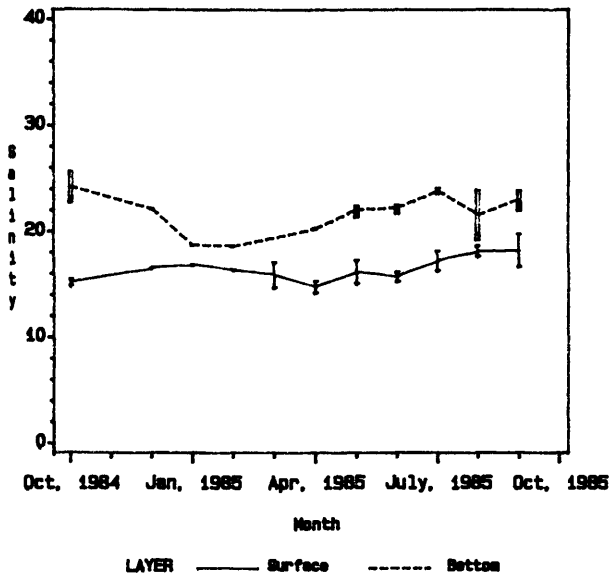
Salinity
October, 1984 - September, 1985

	Salinity					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	18.37	15.32	11.99	27.51	21.04	17.71
CB5.4.....	19.79	16.44	14.18	25.66	21.98	18.55
CB5.5.....	20.81	17.22	14.47	24.92	21.13	15.93
CB6.1.....	20.52	18.22	14.21	25.66	22.53	19.20
CB6.2.....	22.07	18.70	15.28	27.08	22.72	17.39
CB6.3.....	22.54	19.36	16.11	28.98	23.28	18.26
CB6.4.....	23.33	21.28	18.54	28.03	24.35	20.90
CB7.3.....	27.64	23.46	20.40	32.60	27.95	24.92
CB7.4.....	32.00	27.65	23.38	33.40	30.33	26.32
CB7.4N.....	33.00	28.41	20.10	34.70	30.25	25.30
CB8.1E.....	32.01	25.53	21.60	34.20	30.48	24.76
CB8.1.....	25.25	23.06	20.00	31.97	27.84	23.40
EE3.1.....	20.94	18.67	16.68	21.60	18.90	16.70
EE3.2.....	23.84	19.09	13.14	22.72	19.31	12.78
CB7.1N.....	20.72	18.08	15.49	23.08	18.83	14.57
CB7.1.....	23.21	19.03	16.67	24.73	21.35	18.40
CB7.1S.....	22.64	18.95	13.64	27.01	23.11	16.52
CB5.4W.....	18.86	16.19	12.29	19.31	16.51	12.35
CB7.2.....	22.64	20.40	17.73	29.22	25.62	20.42
CB7.2E.....	24.96	21.32	18.76	27.82	23.30	19.08
CB7.3E.....	27.10	23.66	20.50	31.65	27.10	21.15
LE3.6.....	22.51	17.65	14.81	21.02	18.61	15.50
LE3.7.....	20.42	17.81	15.50	20.53	18.08	15.02
WE4.1.....	23.72	21.30	17.93	25.14	21.89	18.38
WE4.2.....	24.02	21.22	17.70	29.88	22.85	18.03
WE4.3.....	24.59	21.32	13.26	24.80	21.70	19.09
WE4.4.....	24.89	21.78	18.15	24.90	21.65	19.02
LE5.5.....	24.55	21.35	19.09	31.21	25.99	20.60

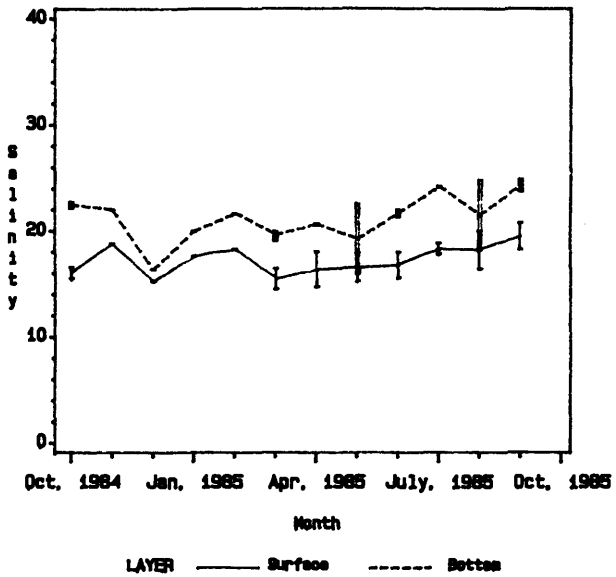
Station Id=CB5.3



Station Id=CB5.4

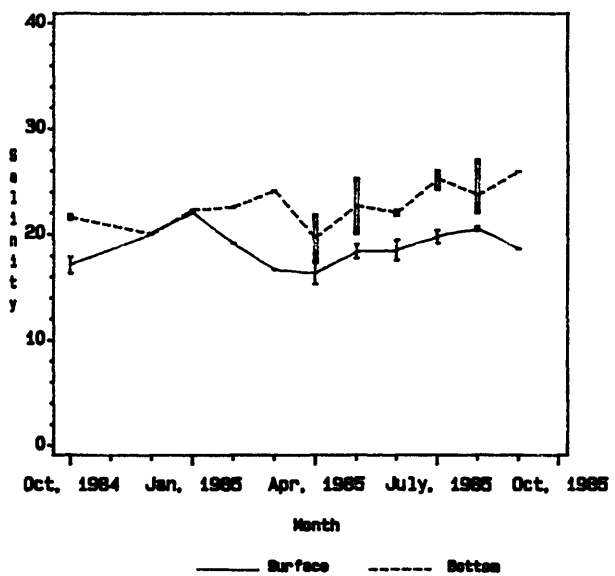


Station Id=CB5.5

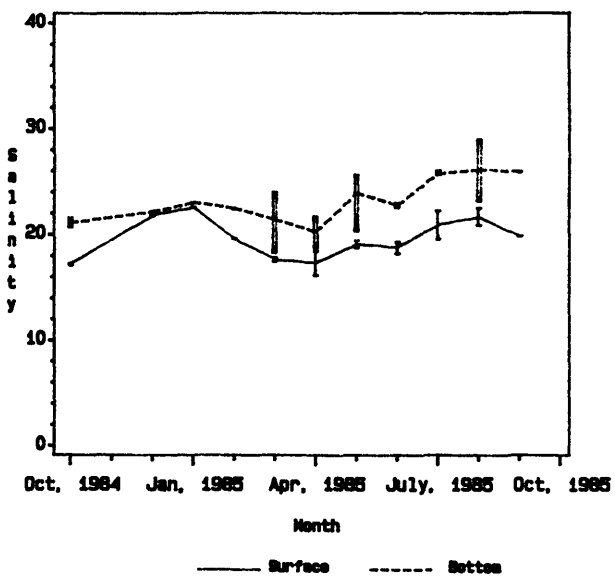


Station Id=CB6.1

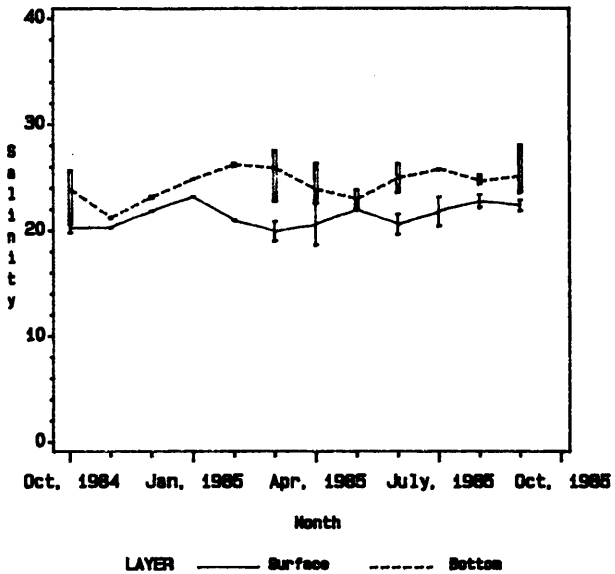
Station Id=CB6.2



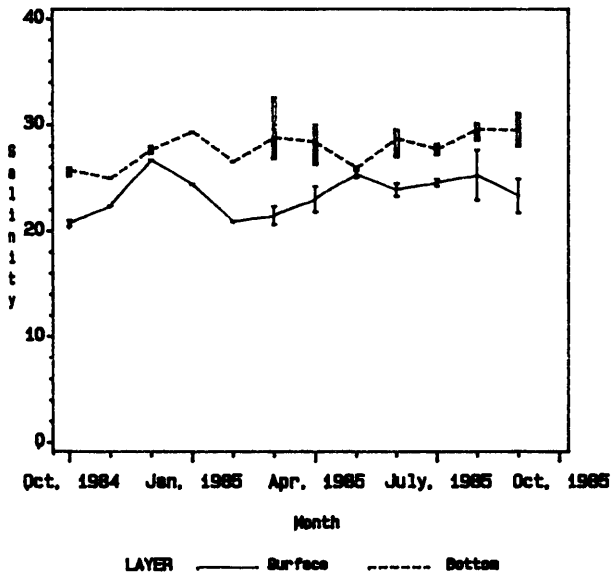
Station Id=CB6.3



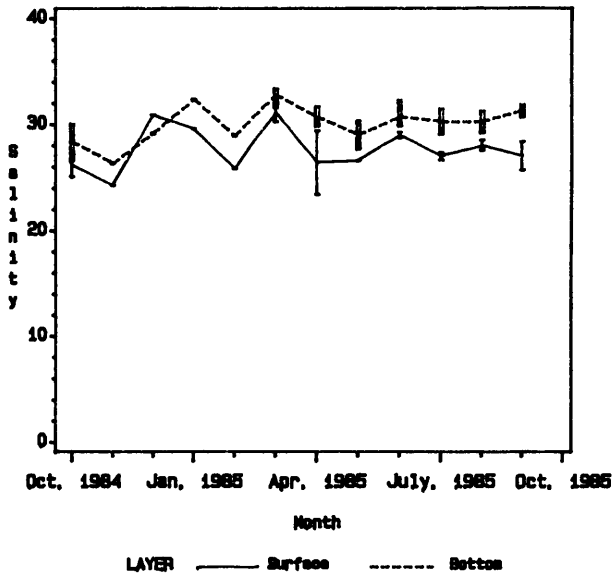
Station Id=CB6.4



Station Id=CB7.3



Station Id=CB7.4



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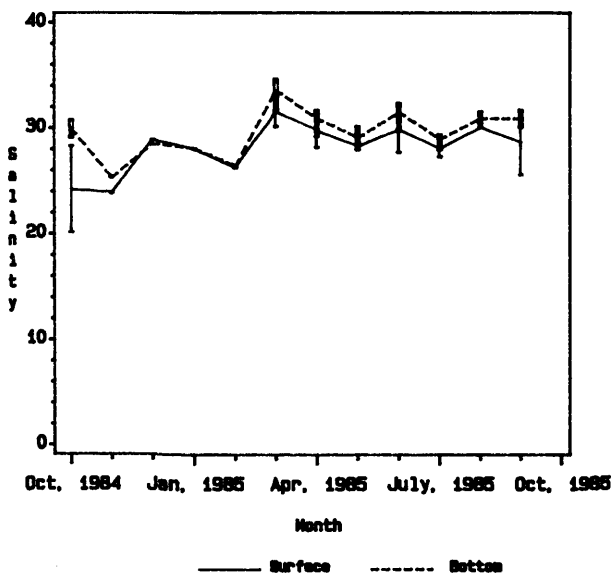
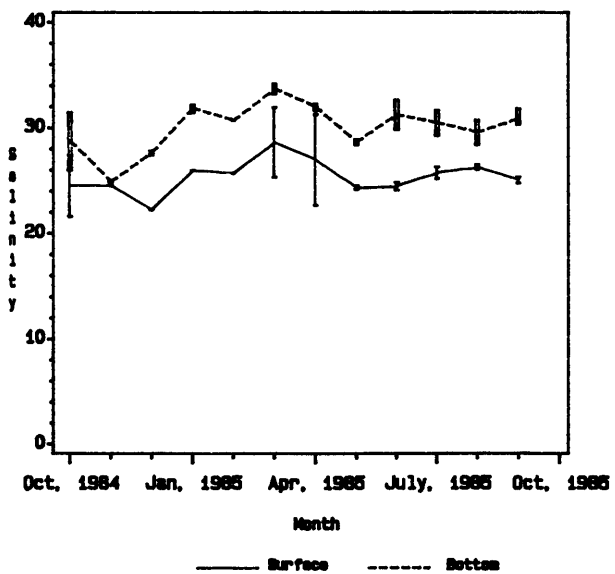
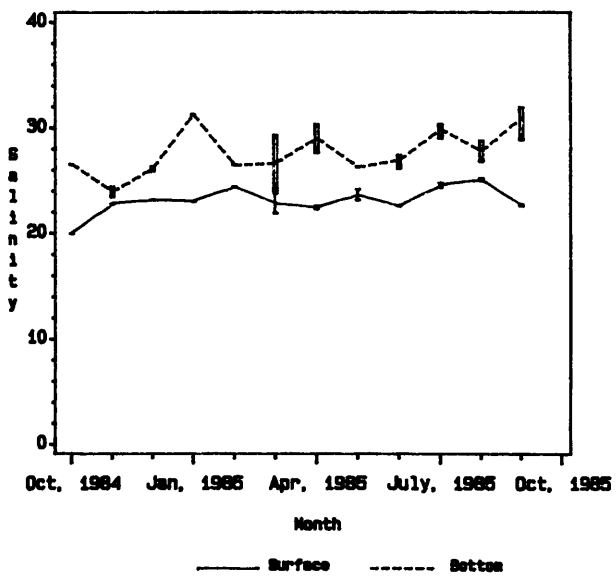


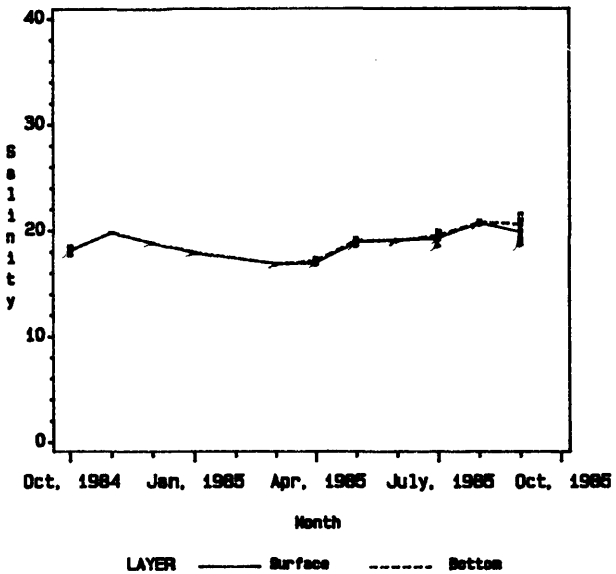
Station Id=CB8.1E



Station Id=CB8.1



Station Id=EE3.1



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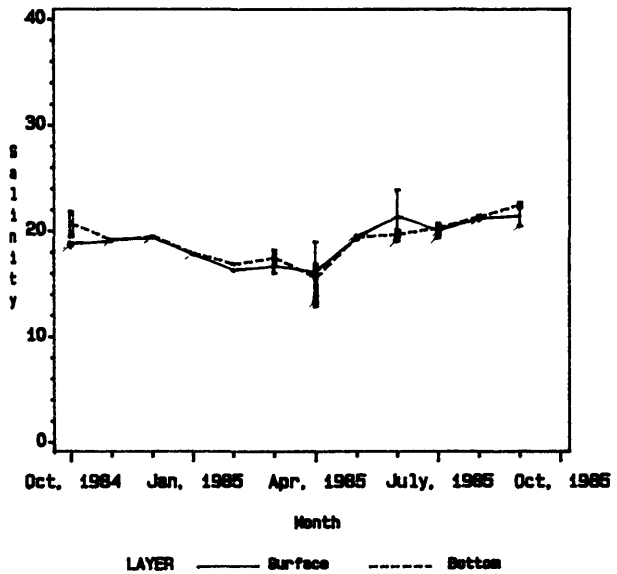

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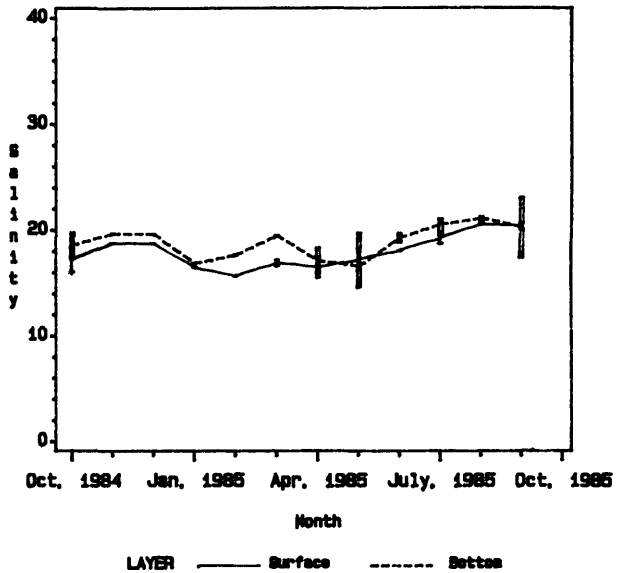

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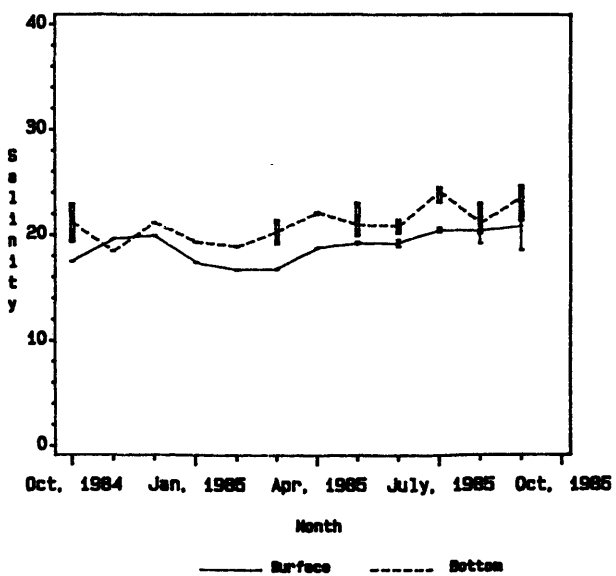
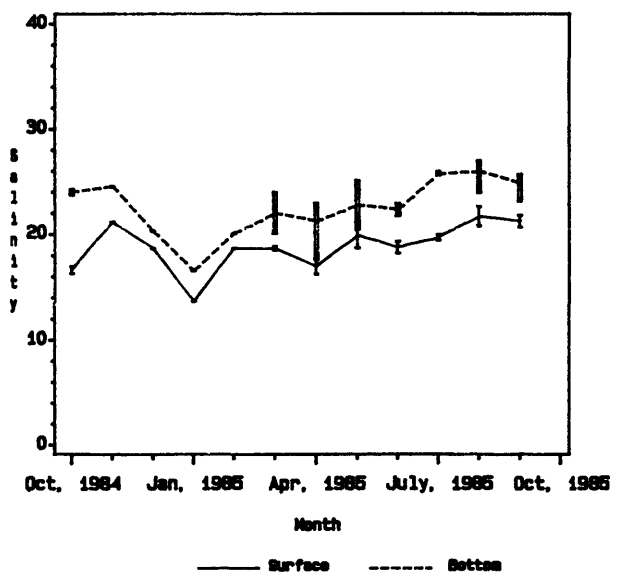
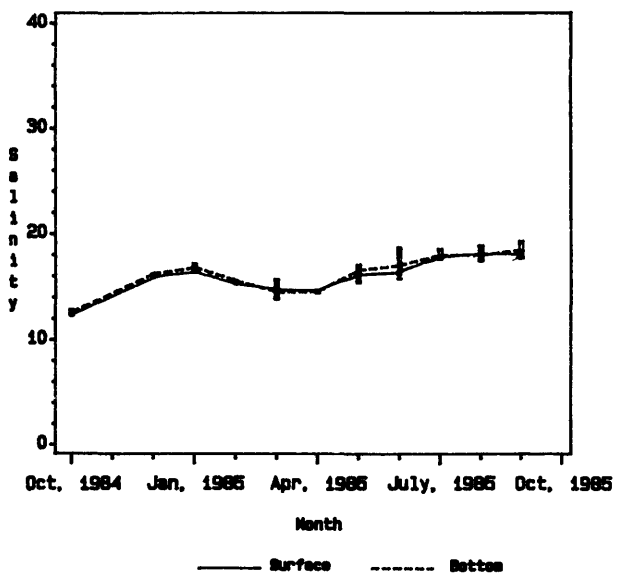


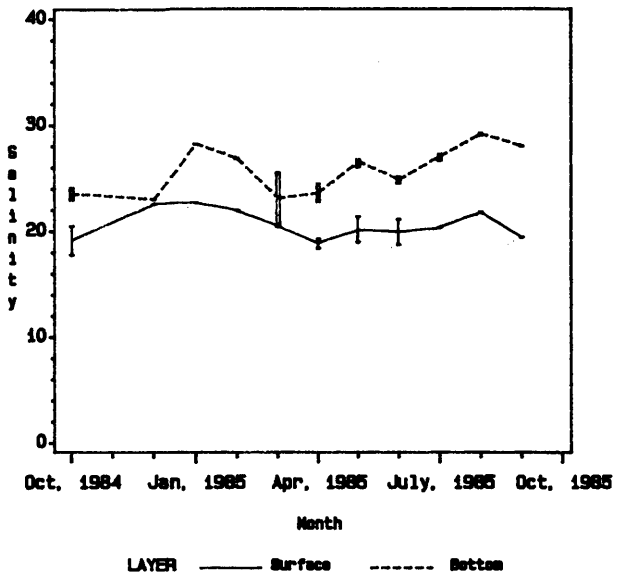
Station Id=CB7.1S



Station Id=CB5.4W



Station Id=CB7.2



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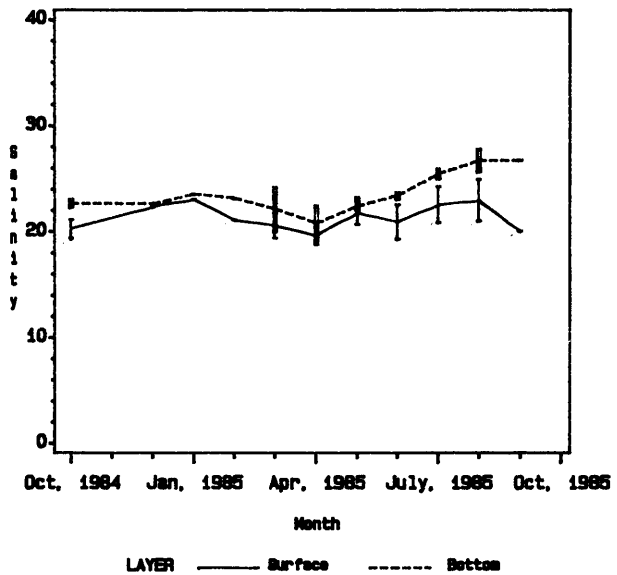
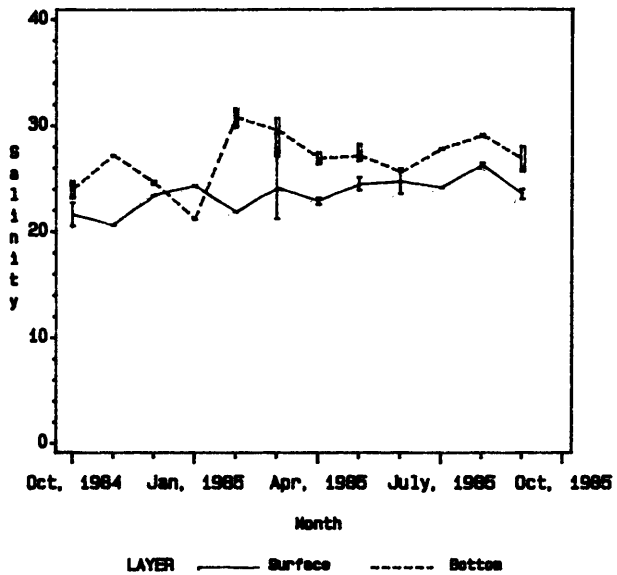
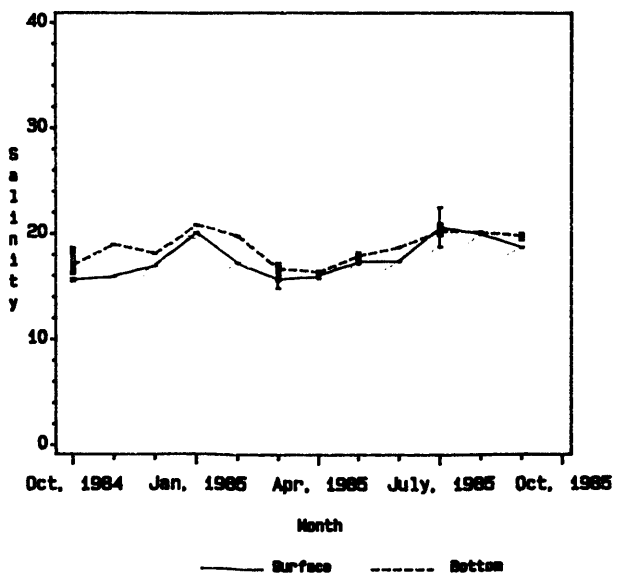


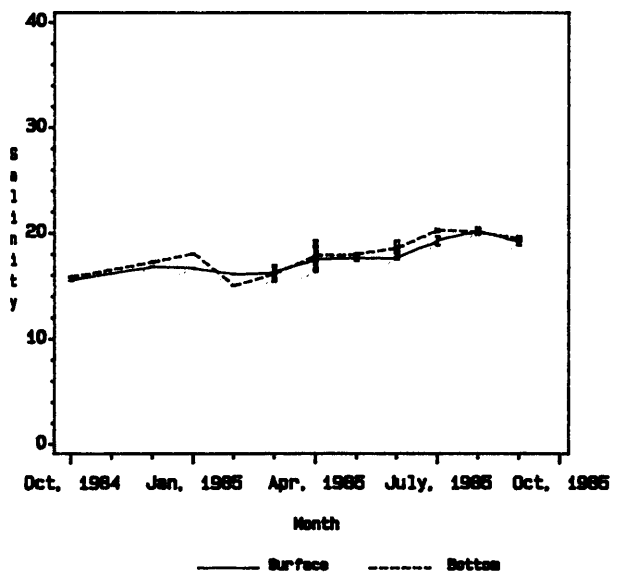
Station Id=CB7.3E



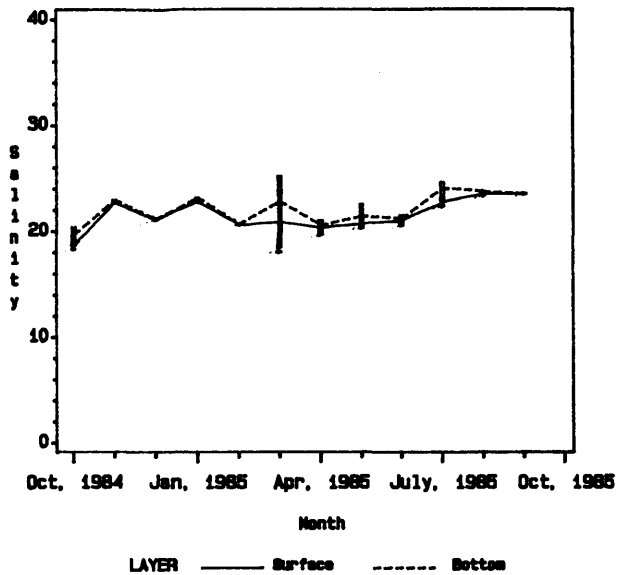
Station Id=LE3.6



Station Id=LE3.7



Station Id=WE4.1



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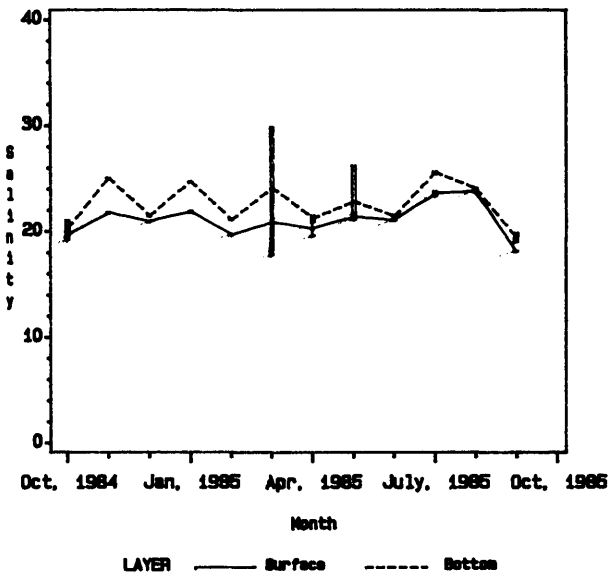
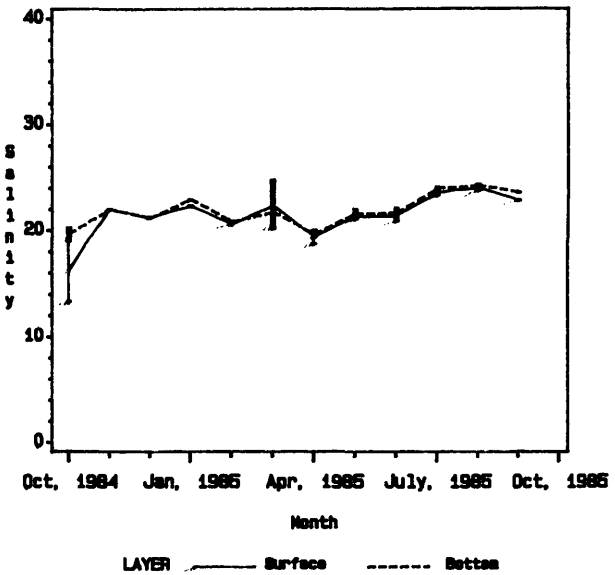
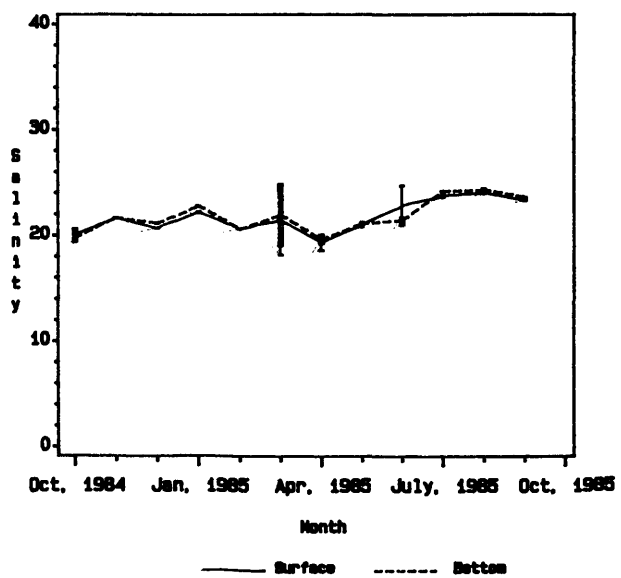


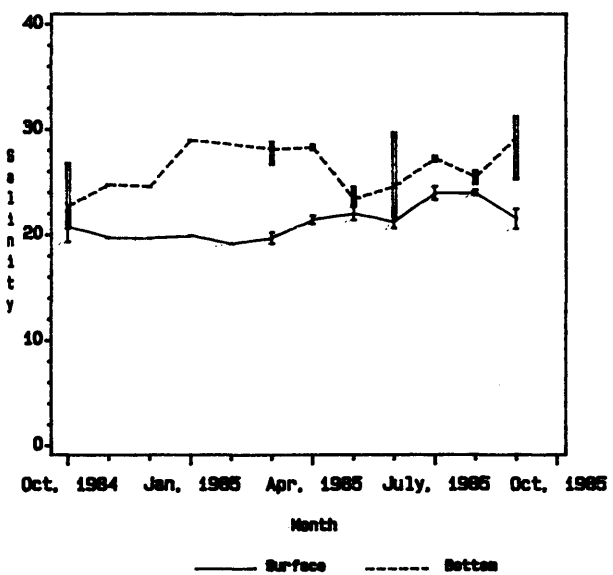
Station Id=WE4.3



Station Id=WE4.4



Station Id=LE5.5



DISSOLVED OXYGEN

Values reported as mg/l.

Dissolved Oxygen
October, 1984 - September, 1985

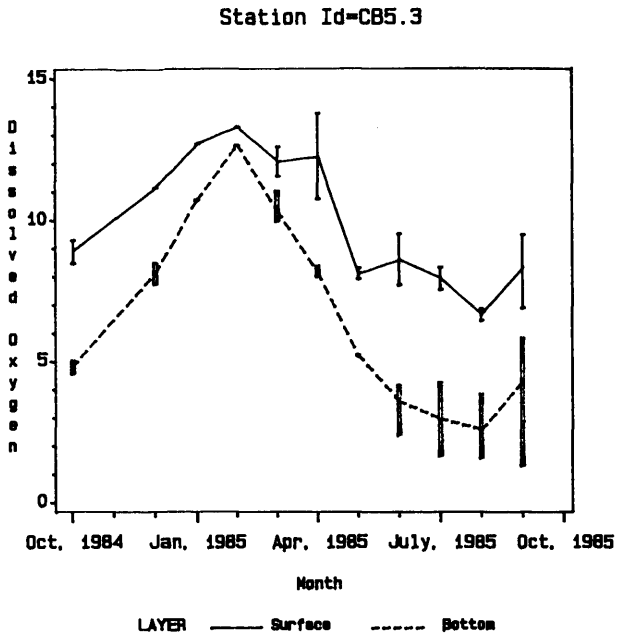
	Dissolved Oxygen					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	13.78	9.55	6.43	12.64	6.44	1.30
CB5.4.....	13.30	9.35	6.42	9.32	4.93	1.70
CB5.5.....	13.82	9.24	6.37	12.46	6.52	1.62
CB6.1.....	13.64	8.92	6.31	12.57	7.06	2.05
CB6.2.....	13.65	9.64	5.89	13.06	7.06	1.46
CB6.3.....	13.52	9.18	6.38	13.16	7.40	2.06
CB6.4.....	12.30	9.20	6.60	11.80	7.73	1.15
CB7.3.....	12.40	9.04	6.50	11.20	7.78	4.50
CB7.4.....	11.80	8.48	6.80	11.20	8.13	6.10
CB7.4N.....	11.80	8.51	6.80	11.80	8.27	6.70
CB8.1E.....	12.20	8.70	6.70	10.70	8.17	5.90
CB8.1.....	12.00	9.08	6.00	11.60	7.44	4.30
EE3.1.....	12.19	8.72	5.10	12.10	8.42	5.05
EE3.2.....	13.41	8.87	5.84	13.06	8.29	4.97
CB7.1N.....	13.10	8.90	5.77	10.68	6.87	3.40
CB7.1.....	13.63	9.24	6.17	12.63	6.85	3.41
CB7.1S.....	13.28	9.49	6.26	12.70	7.43	3.87
CB5.4W.....	13.59	8.87	5.62	13.02	8.18	4.80
CB7.2.....	13.64	9.39	6.43	12.33	7.35	3.39
CB7.2E.....	13.74	8.97	5.44	13.09	8.23	3.67
CB7.3E.....	12.40	8.93	7.20	12.20	8.28	3.40
LE3.6.....	14.10	8.92	6.00	12.97	8.54	3.48
LE3.7.....	13.46	9.27	5.93	13.25	8.67	4.73
WE4.1.....	13.43	8.81	6.16	13.07	8.14	4.01
WE4.2.....	14.06	8.97	5.04	13.37	7.47	1.12
WE4.3.....	13.95	9.07	6.44	14.53	8.67	0.88
WE4.4.....	14.14	8.84	6.09	14.98	8.67	4.94
LE5.5.....	13.60	9.10	6.10	10.70	7.34	3.90

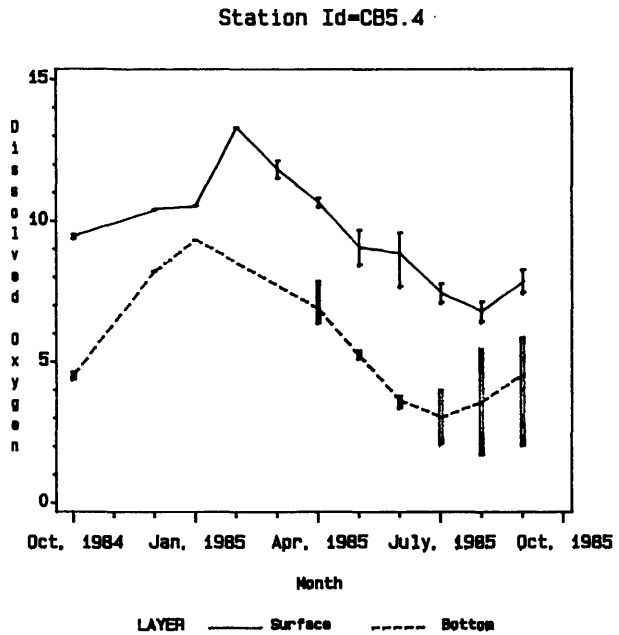
Dissolved Oxygen
October, 1984 - September, 1985

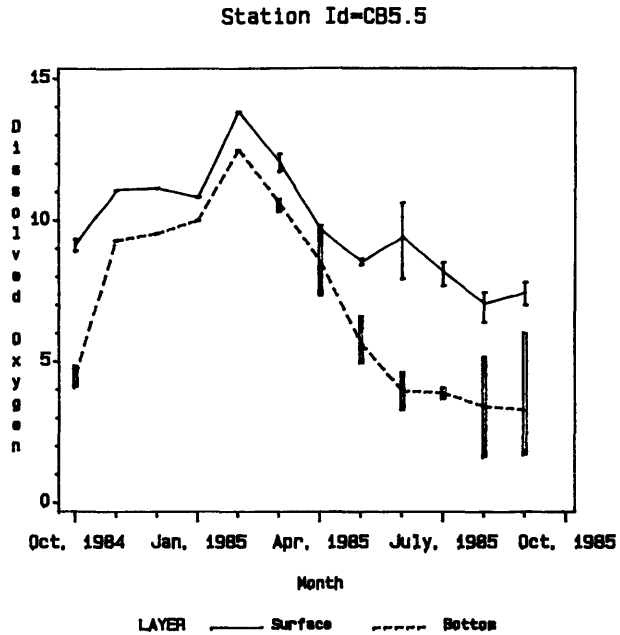
	CB7.4N	CB7.4	CB8.1E	CB8.1	CB7.3	CB7.3E	CB6.4	CB6.3	CB7.2	CB7.2E	CB6.2	CB6.1	CB5.5	CB5.4	CB5.3
Oct, 1984															
% < 5.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.14	16.67	24.24	16.00
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Obs.....	12	14	16	11	14	14	12	12	19	12	11	14	18	33	25
Nov, 1984															
% < 5.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*	*	*	*	0.00	0.00	*	*
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*	*	*	*	0.00	0.00	*	*
Total Obs.....	6	7	9	5	7	11	6	0	0	0	0	7	11	0	0
Dec, 1984															
% < 5.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Obs.....	7	8	8	6	7	9	6	6	11	7	6	7	11	18	14
Jan, 1985															
% < 5.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Obs.....	7	8	10	7	7	6	6	7	9	7	6	7	10	14	14
Feb, 1985															
% < 5.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Obs.....	6	7	9	7	7	9	6	6	12	7	6	7	9	15	14
Mar, 1985															
% < 5.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Obs.....	12	15	19	12	14	21	11	11	22	14	6	14	20	34	29
Apr, 1985															
% < 5.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Obs.....	13	16	19	10	15	17	11	14	21	14	12	14	19	33	27
May, 1985															
% < 5.....	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Obs.....	12	16	18	10	14	20	12	14	22	14	14	17	20	24	18
Jun, 1985															
% < 5.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	12.50	50.00	16.67	52.94	51.52
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.56	38.24	30.30
Total Obs.....	13	14	20	12	13	14	10	15	22	11	16	16	18	34	33
Jul, 1985															
% < 5.....	0.00	0.00	0.00	0.00	0.00	0.00	16.67	55.56	36.36	28.57	33.33	38.89	52.17	65.52	60.71
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.89	0.00	0.00	13.33	16.67	30.43	31.03	25.00
Total Obs.....	13	14	18	13	14	15	12	18	22	14	15	18	23	29	28
Aug, 1985															
% < 5.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.22	14.29	0.00	14.29	23.53	40.19	32.35	69.23
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.65	31.82	29.41	42.31
Total Obs.....	14	16	18	12	14	15	11	18	21	13	14	17	22	34	26
Sep, 1985															
% < 5.....	0.00	0.00	0.00	25.00	13.33	25.00	18.18	50.00	63.64	57.14	50.00	33.33	28.57	36.36	37.50
% < 4.....	0.00	0.00	0.00	0.00	0.00	12.50	18.18	37.50	54.55	42.86	50.00	33.33	19.05	36.36	37.50
Total Obs.....	13	15	19	12	15	16	11	8	11	7	8	18	21	33	32

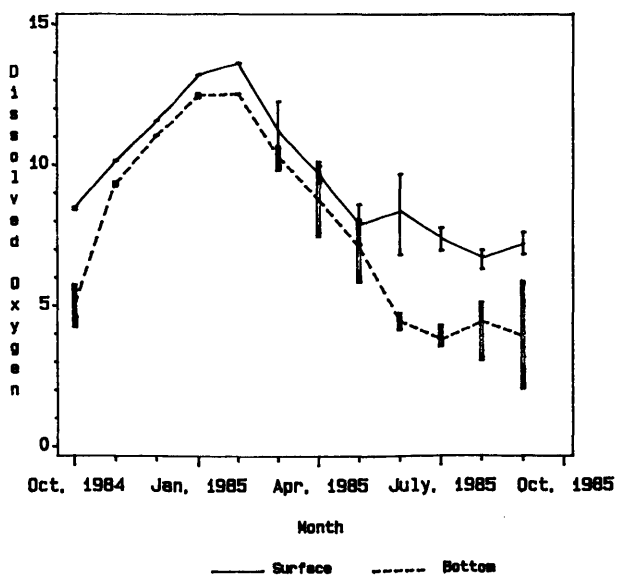
Dissolved Oxygen
October, 1984 - September, 1985

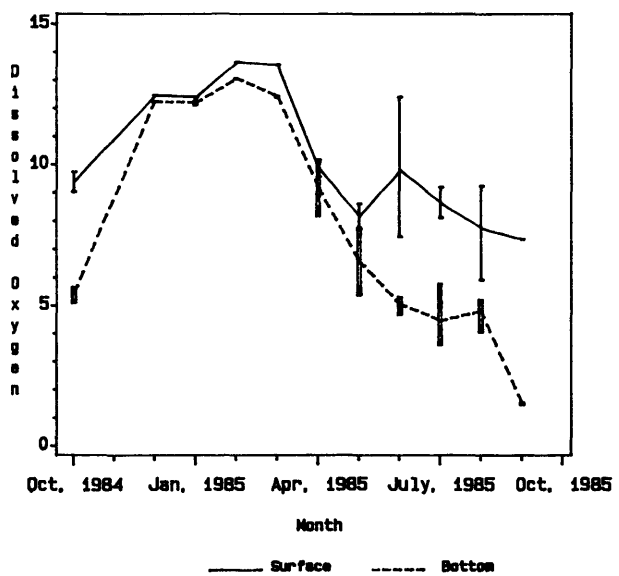
	CB7.1S	CB7.1	CB7.1N	EE3.2	EE3.1	CB5.4W	LE3.6	LE3.7	WE4.1	WE4.2	WE4.3	WE4.4	LE5.5
Oct, 1984													
% < 5.....	26.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Obs.....	15	27	31	27	5	3	12	4	6	12	5	8	23
Nov, 1984													
% < 5.....	0.00	0.00	0.00	0.00	0.00	*	0.00	*	0.00	0.00	0.00	0.00	0.00
% < 4.....	0.00	0.00	0.00	0.00	0.00	*	0.00	*	0.00	0.00	0.00	0.00	0.00
Total Obs.....	8	13	14	15	3	0	5	0	3	3	3	3	11
Dec, 1984													
% < 5.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Obs.....	9	11	13	13	2	3	6	3	3	7	3	3	12
Jan, 1985													
% < 5.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Obs.....	9	14	16	13	3	3	5	4	4	7	3	3	11
Feb, 1985													
% < 5.....	0.00	0.00	0.00	0.00	*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% < 4.....	0.00	0.00	0.00	0.00	*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Obs.....	8	14	15	14	0	3	5	3	3	7	3	4	10
Mar, 1985													
% < 5.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Obs.....	16	25	33	31	5	6	11	5	6	14	6	8	23
Apr, 1985													
% < 5.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Obs.....	17	13	33	30	6	3	10	7	7	14	6	6	22
May, 1985													
% < 5.....	0.00	6.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.29	0.00	0.00	4.35
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Obs.....	16	16	21	17	5	6	10	8	6	14	6	7	23
Jun, 1985													
% < 5.....	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00
% < 4.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Obs.....	11	25	32	29	6	6	5	7	6	9	5	7	23
Jul, 1985													
% < 5.....	61.11	55.56	6.90	0.00	0.00	0.00	0.00	16.67	28.57	42.86	16.67	0.00	0.00
% < 4.....	27.78	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.43	0.00	0.00	0.00
Total Obs.....	18	18	29	27	4	6	11	6	7	14	6	7	23
Aug, 1985													
% < 5.....	35.29	50.00	0.00	0.00	0.00	16.67	0.00	0.00	0.00	35.71	0.00	0.00	0.00
% < 4.....	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Obs.....	17	20	35	27	6	6	10	6	6	14	6	8	24
Sep, 1985													
% < 5.....	25.00	33.33	37.50	11.11	0.00	0.00	20.00	0.00	0.00	75.00	33.33	25.00	40.19
% < 4.....	18.75	25.93	15.62	0.00	0.00	0.00	10.00	0.00	0.00	75.00	33.33	0.00	31.82
Total Obs.....	16	27	32	27	5	6	10	6	3	8	3	4	22

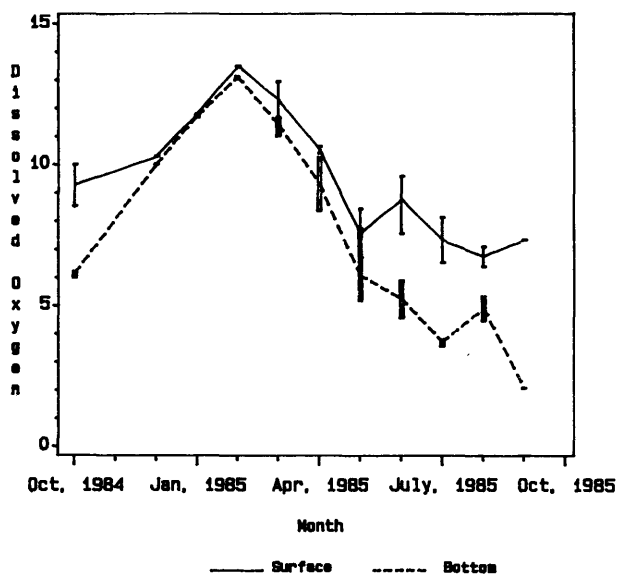

Station Id=CB5.3
Dissolved Oxygen
15
10
5
0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom


Station Id=CB5.4
Dissolved Oxygen
15
10
5
0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

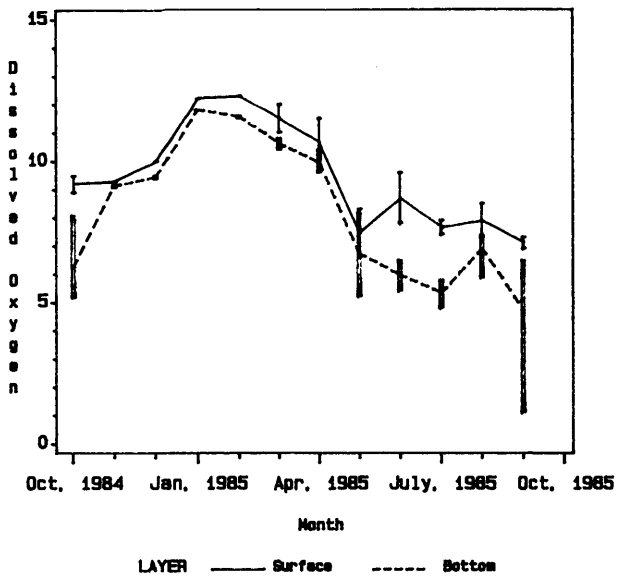

Station Id=CB5.5
Dissolved Oxygen
15
10
5
0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom


Station Id=CB6.1
Dissolved Oxygen
15
10
5
0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

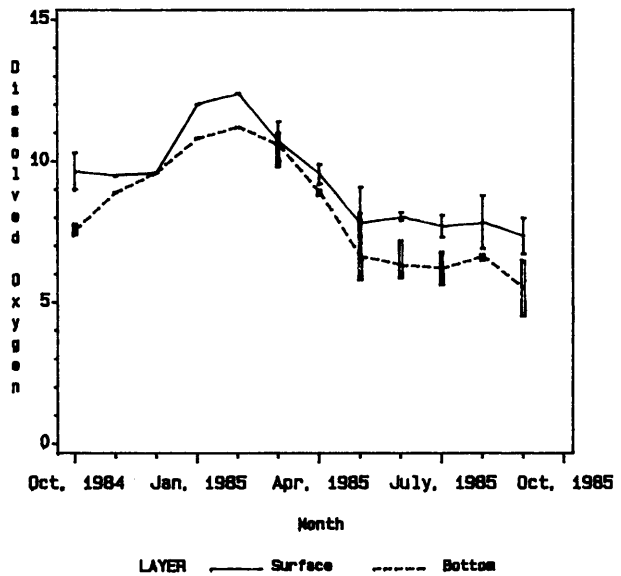

Station Id=CB6.2
Dissolved Oxygen
15
10
5
0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom


Station Id=CB6.3
Dissolved Oxygen
15
10
5
0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

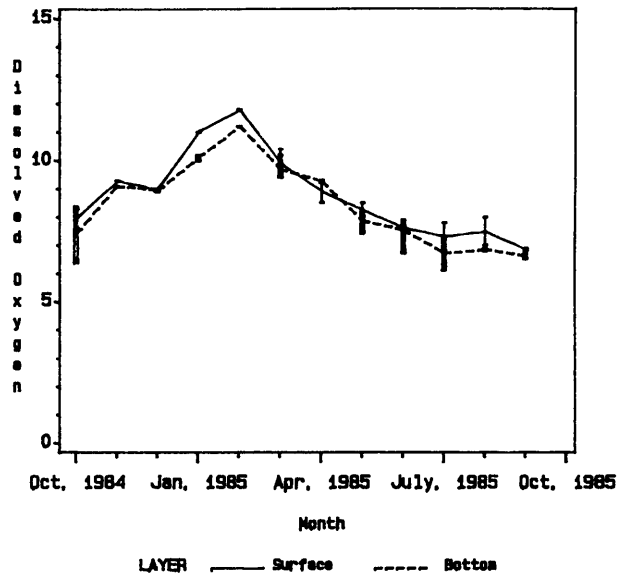
Station Id=CB6.4



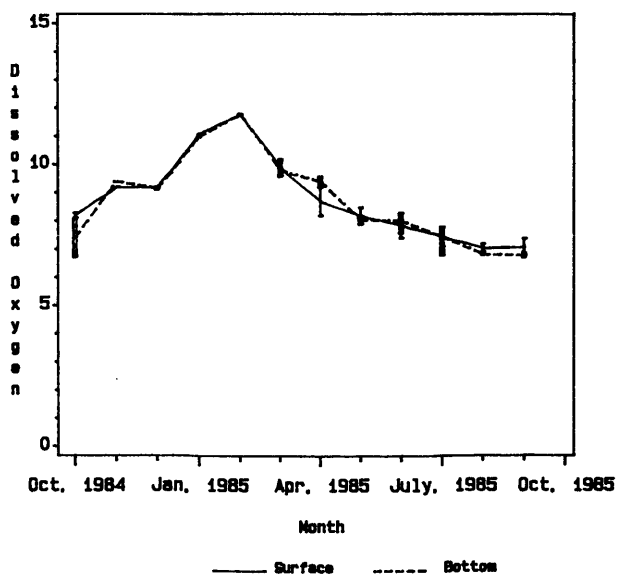
Station Id=CB7.3



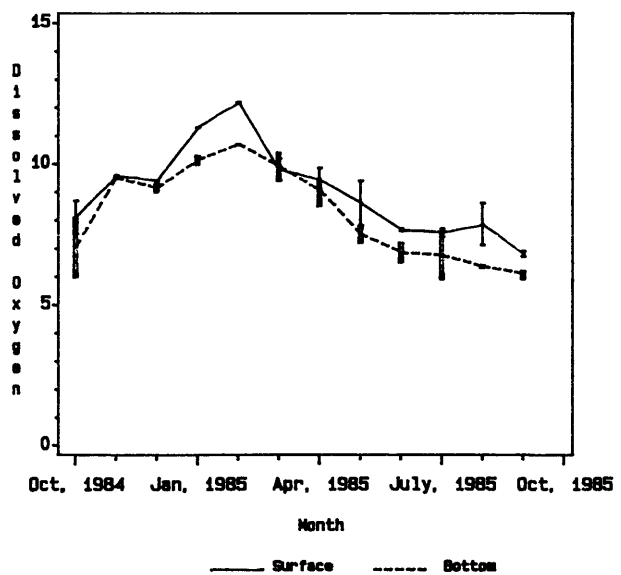
Station Id=CB7.4



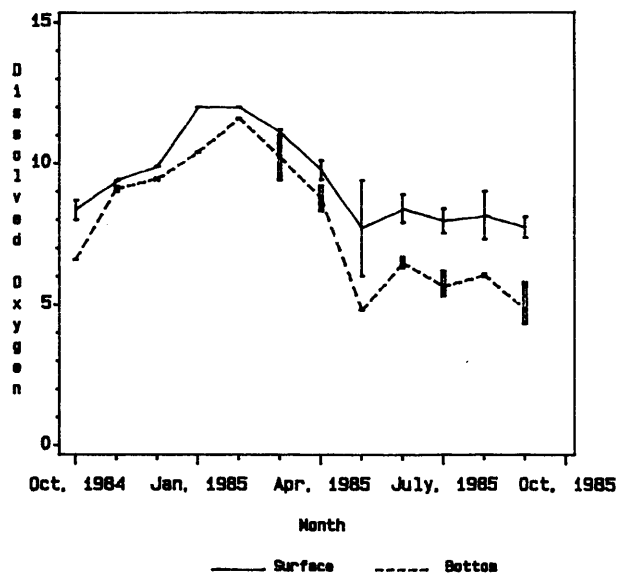
Station Id=CB7.4N



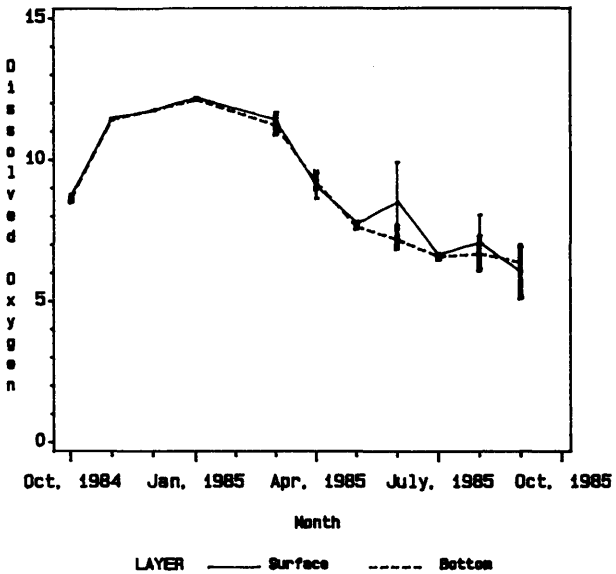
Station Id=CB8.1E



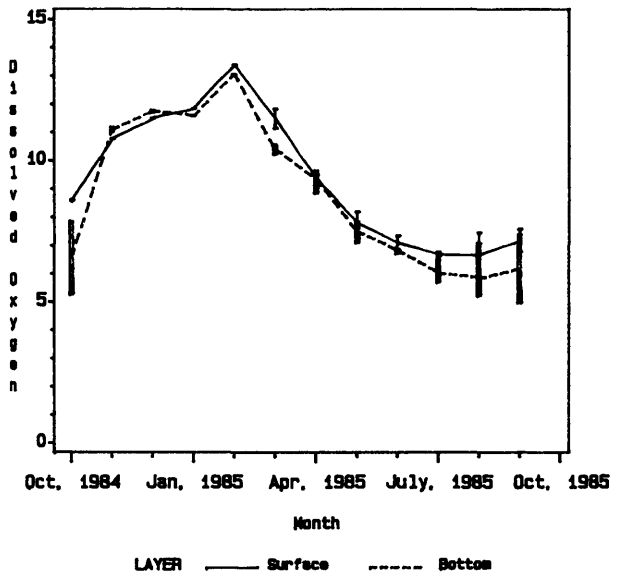
Station Id=CB8.1



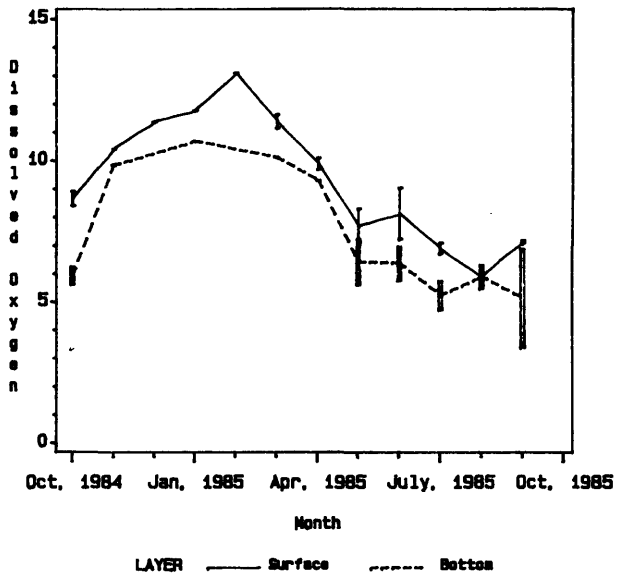
Station Id=EE3.1



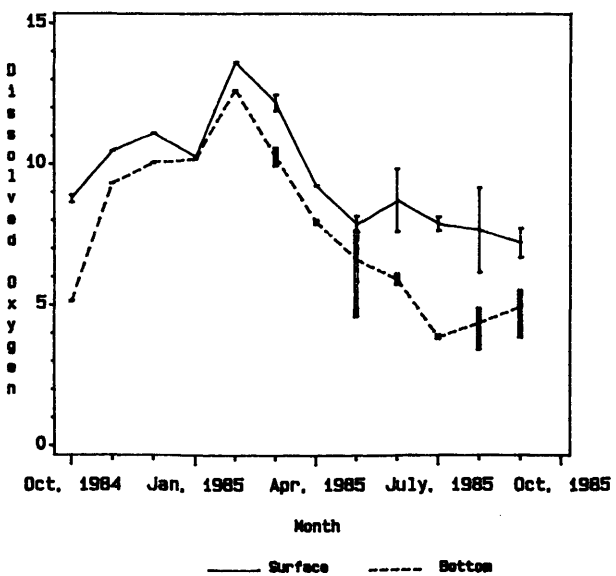
Station Id=EE3.2



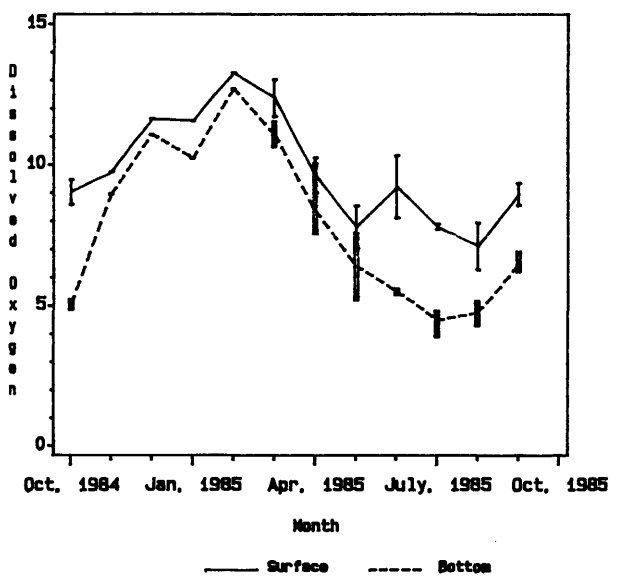
Station Id=CB7.1N



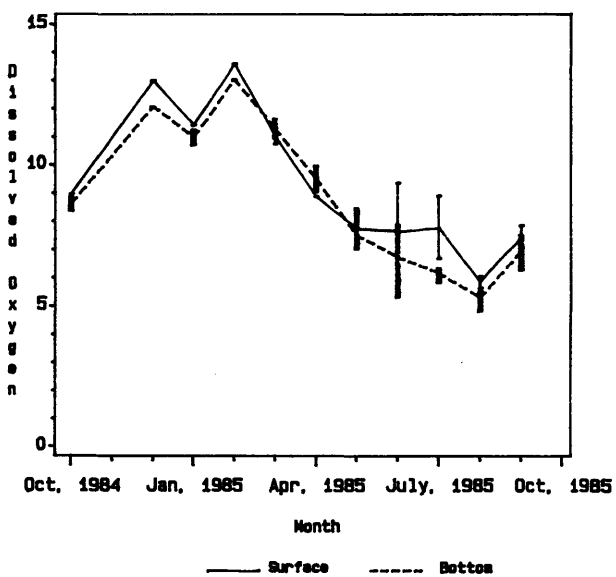
Station Id=CB7.1



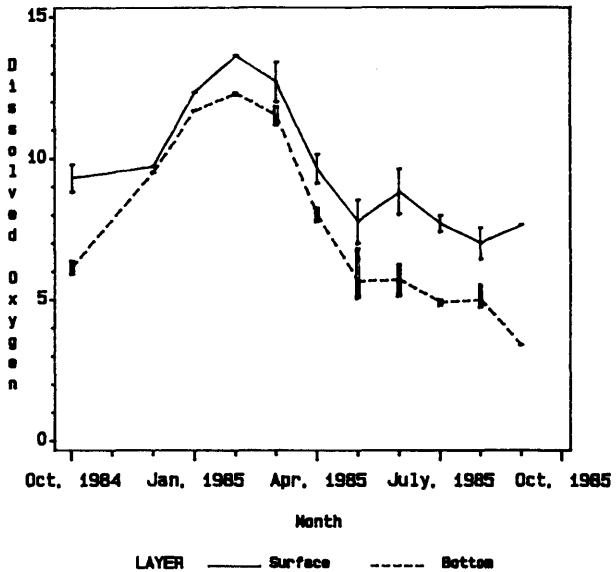
Station Id=CB7.1S



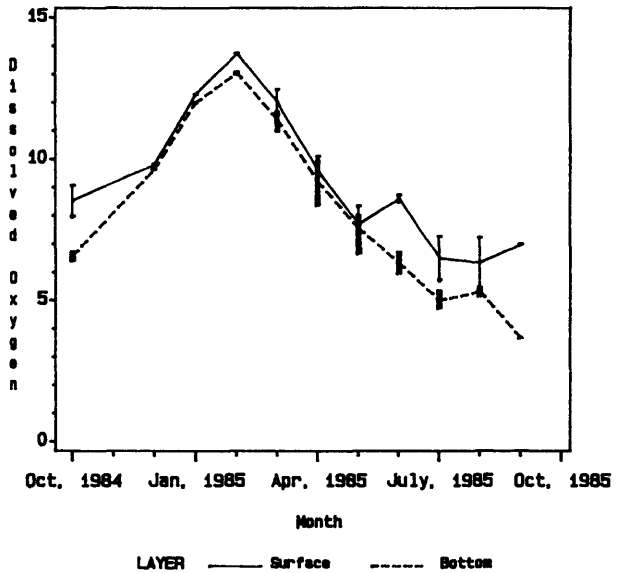
Station Id=CB5.4W



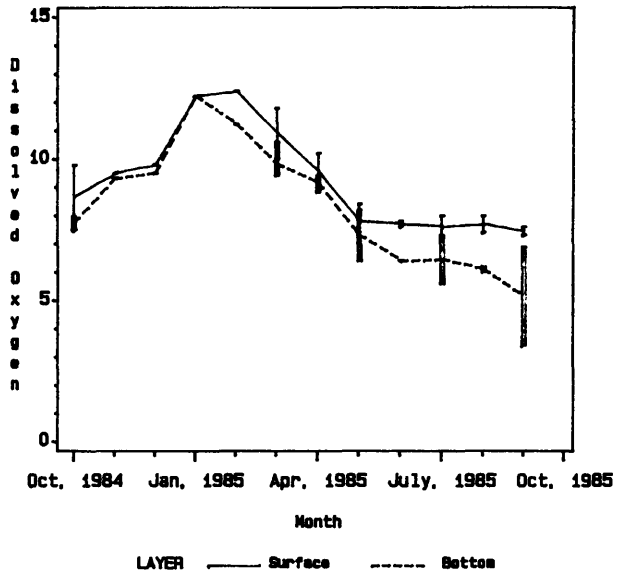
Station Id=CB7.2



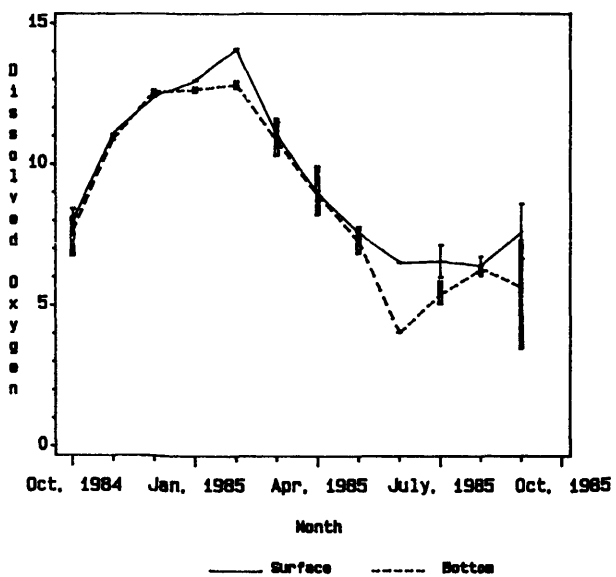
Station Id=CB7.2E



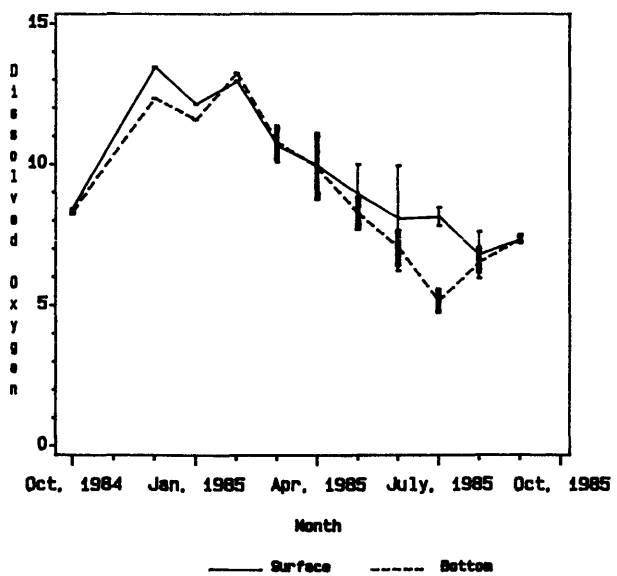
Station Id=CB7.3E



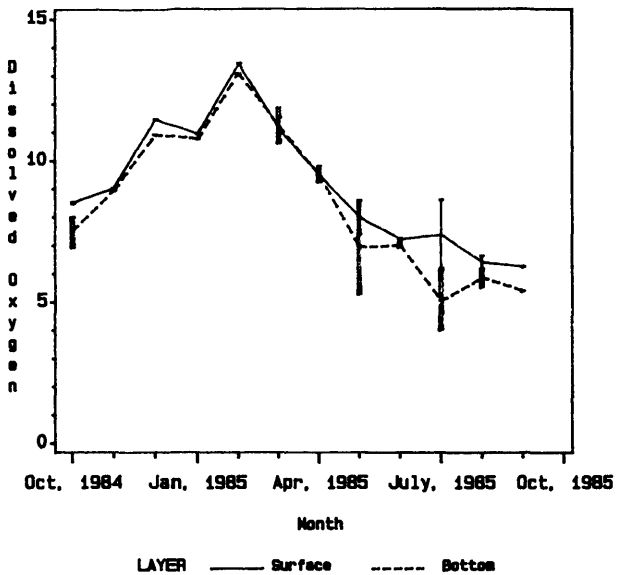
Station Id=LE3.6



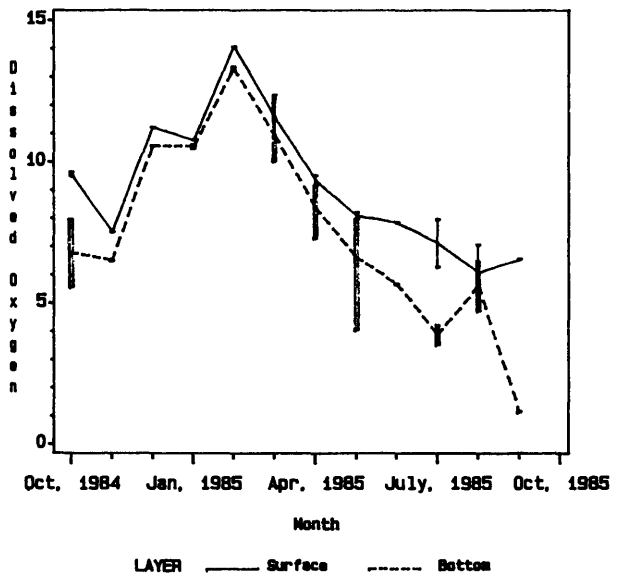
Station Id=LE3.7



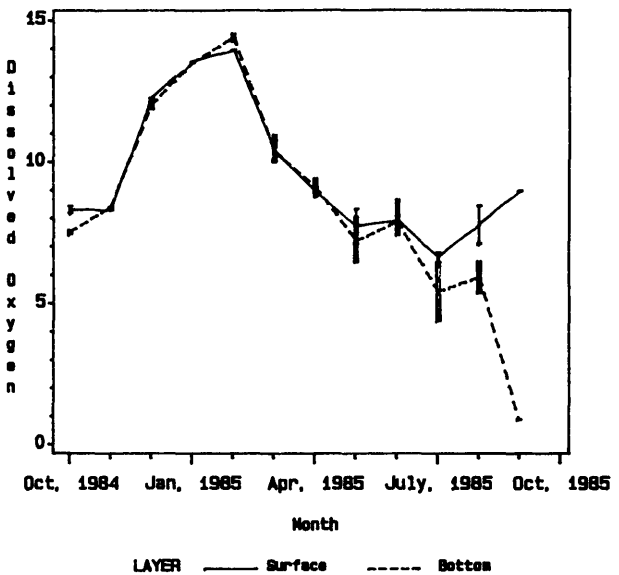
Station Id=WE4.1



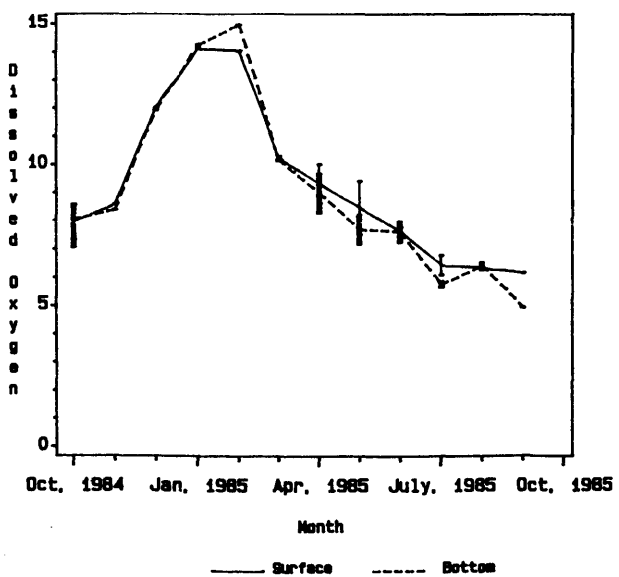
Station Id=WE4.2



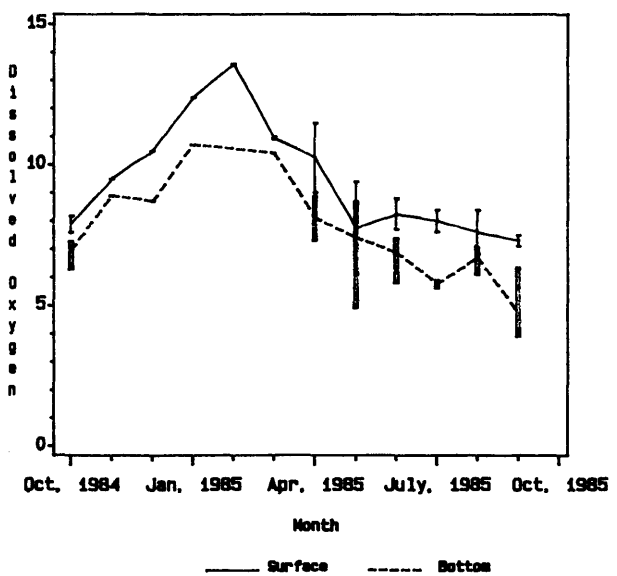
Station Id=WE4.3



Station Id=WE4.4



Station Id=LE5.5



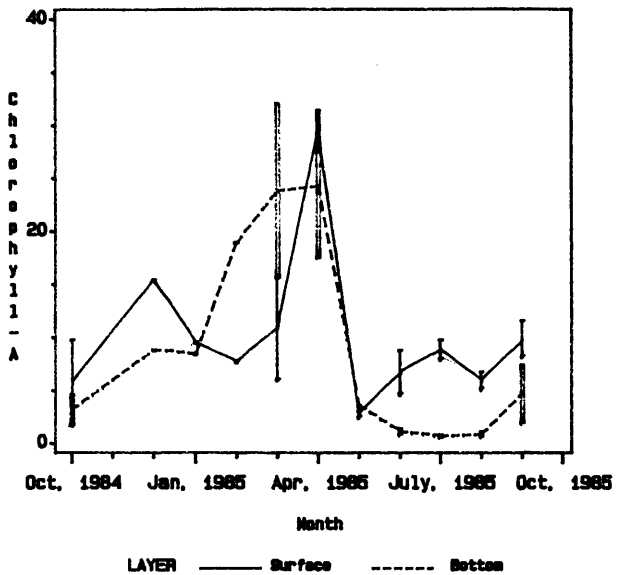
CHLOROPHYLL-A

Values reported as ug/l.

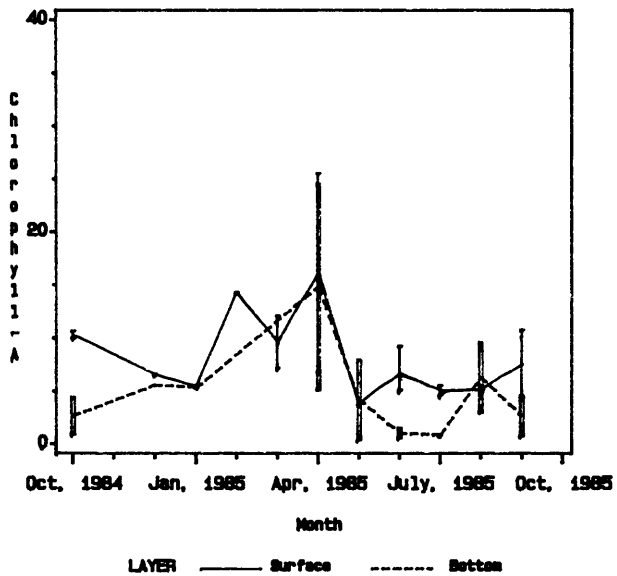
Chlorophyll-A
October, 1984 - September, 1985

	Chlorophyll-A					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	31.37	10.15	1.74	32.04	8.71	0.54
CB5.4.....	25.55	8.32	3.77	24.60	4.74	0.36
CB5.5.....	22.23	6.70	2.06	22.64	5.94	0.00
CB6.1.....	16.73	5.69	0.00	24.03	6.93	0.42
CB6.2.....	24.03	6.89	0.36	21.59	6.26	0.80
CB6.3.....	19.74	8.52	0.65	35.68	8.70	0.56
CB6.4.....	17.72	7.82	0.00	17.53	6.53	0.00
CB7.3.....	13.57	4.87	0.00	12.69	4.66	0.00
CB7.4.....	10.71	3.81	0.00	15.81	4.31	0.00
CB7.4N.....	10.09	2.84	0.00	8.02	3.08	0.00
CB8.1E.....	18.78	6.44	0.00	19.14	5.45	0.00
CB8.1.....	25.81	8.06	0.00	20.43	6.17	0.00
EE3.1.....	17.62	10.12	2.62	20.29	10.83	2.93
EE3.2.....	20.29	8.20	3.80	62.56	11.13	1.62
CB7.1N.....	33.27	8.45	1.80	42.05	8.11	2.02
CB7.1.....	15.28	6.43	1.31	43.79	8.68	1.29
CB7.1S.....	22.25	6.72	0.78	23.55	5.57	0.70
CB5.4W.....	21.73	9.02	1.42	21.57	9.53	2.85
CB7.2.....	17.03	5.54	0.67	15.66	4.67	0.65
CB7.2E.....	22.35	5.82	1.15	22.91	6.35	0.52
CB7.3E.....	11.55	3.75	0.00	16.60	5.15	0.00
LE3.6.....	17.30	8.45	0.64	41.65	12.36	1.32
LE3.7.....	14.58	7.35	0.67	25.44	8.92	0.65
WE4.1.....	14.44	7.42	1.33	20.09	8.54	3.92
WE4.2.....	26.43	8.13	1.72	26.97	8.93	0.56
WE4.3.....	14.44	6.28	1.96	13.35	6.70	0.67
WE4.4.....	12.71	5.28	1.94	11.87	6.25	2.04
LE5.5.....	61.28	12.60	0.00	18.07	7.46	1.84

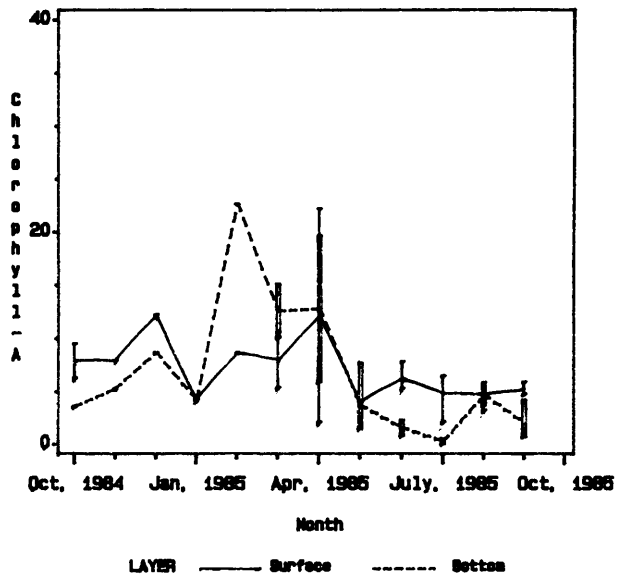
Station Id=CB5.3



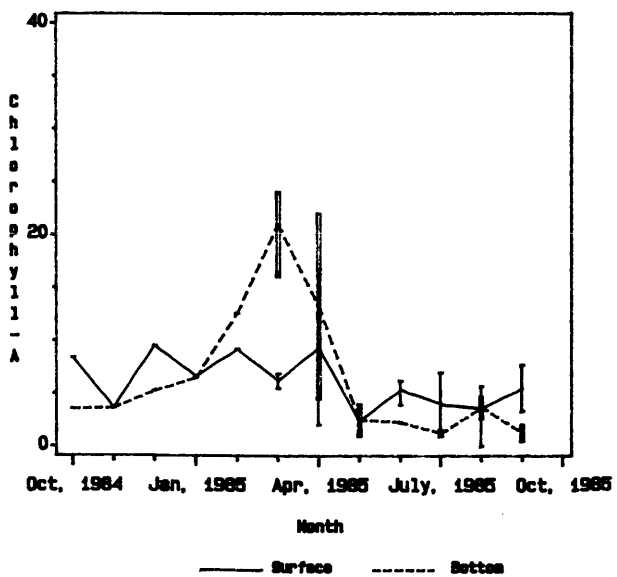
Station Id=CB5.4



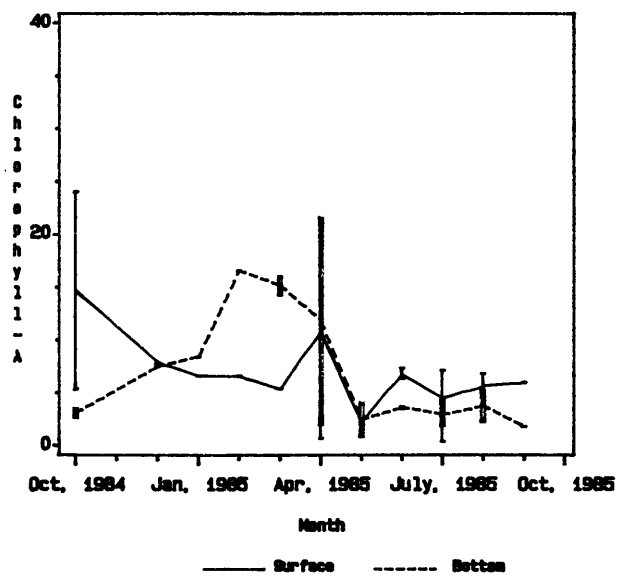
Station Id=CB5.5



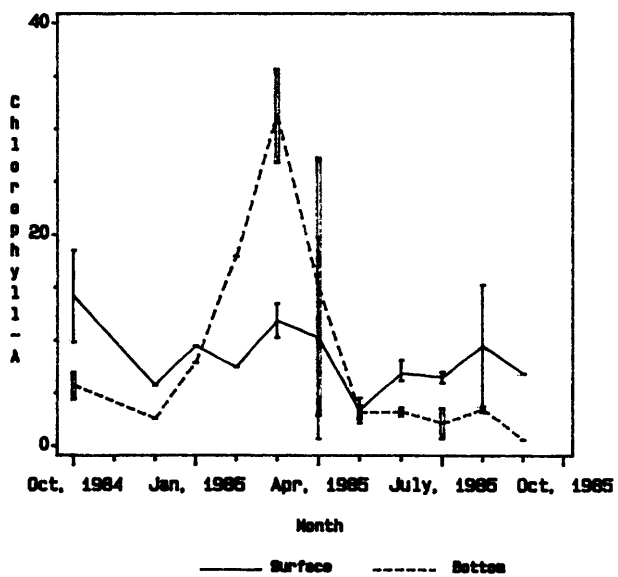
Station Id=CB6.1



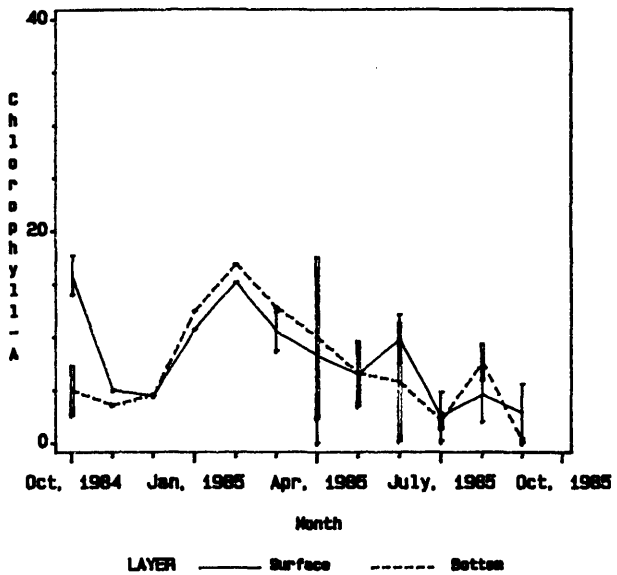
Station Id=CB6.2



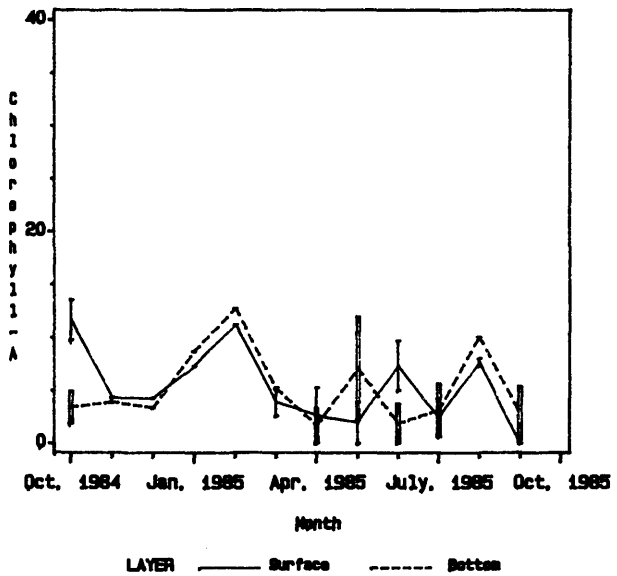
Station Id=CB6.3



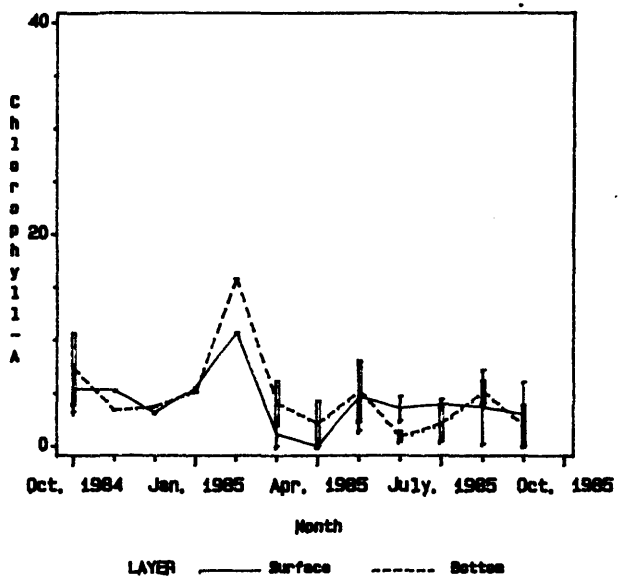
Station Id=CB6.4



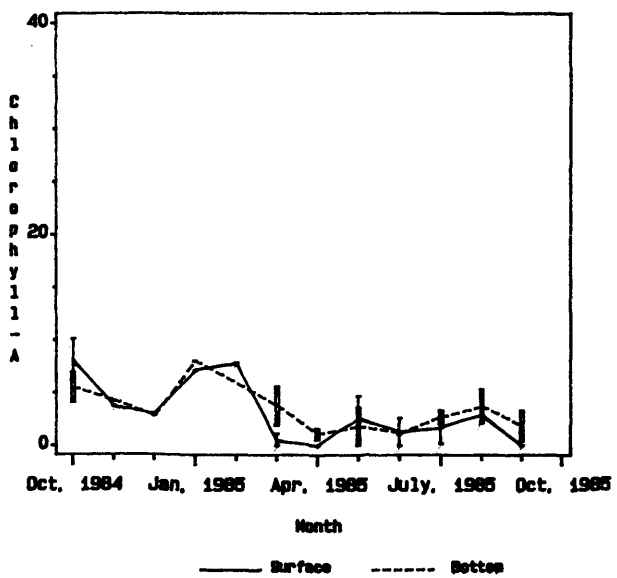
Station Id=CB7.3



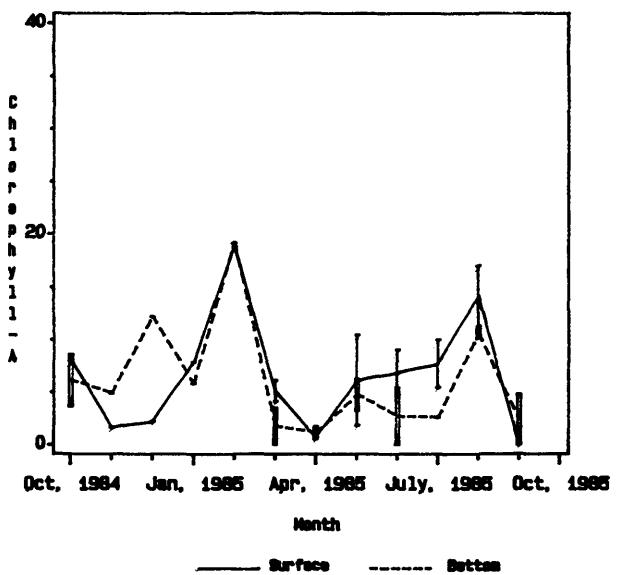
Station Id=CB7.4



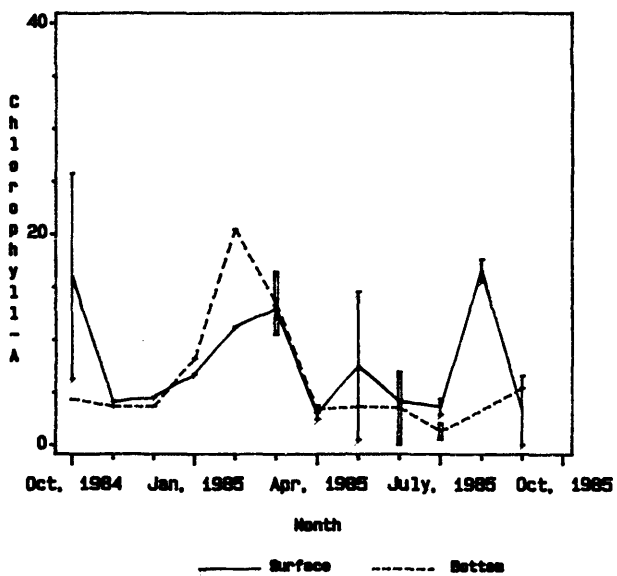
Station Id=CB7.4N



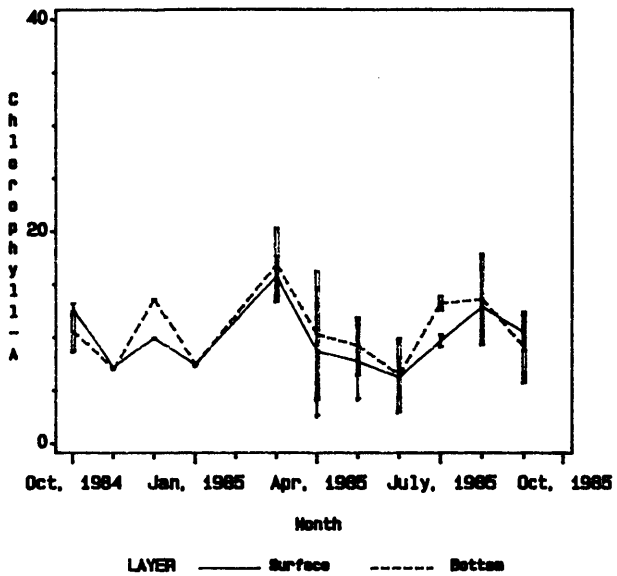
Station Id=CB8.1E



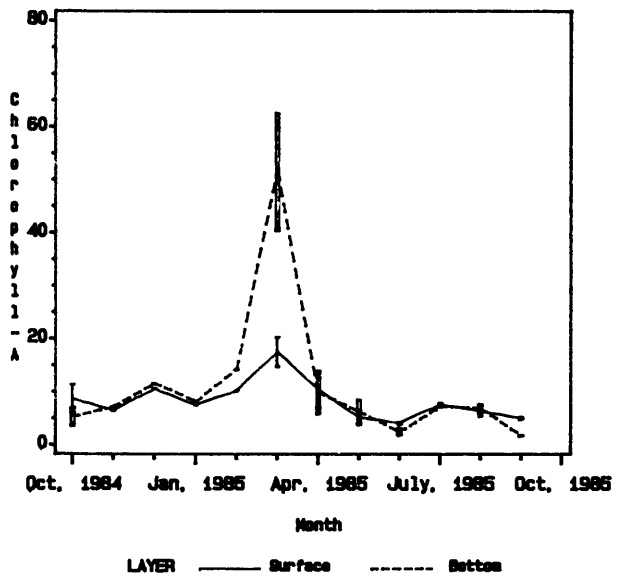
Station Id=CB8.1



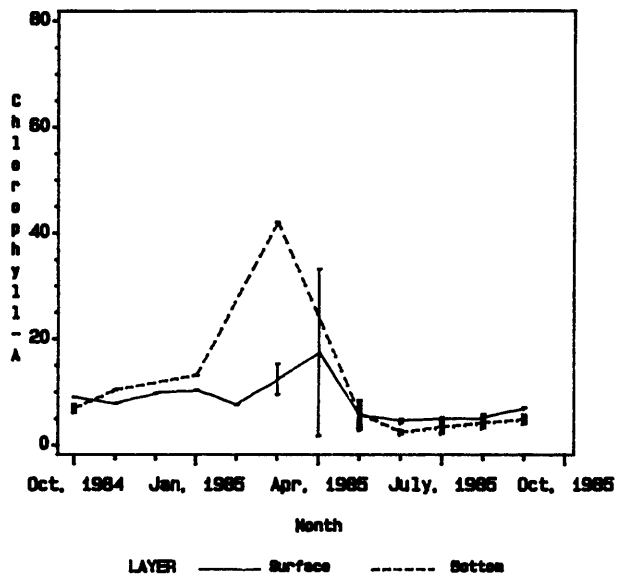
Station Id=EE3.1



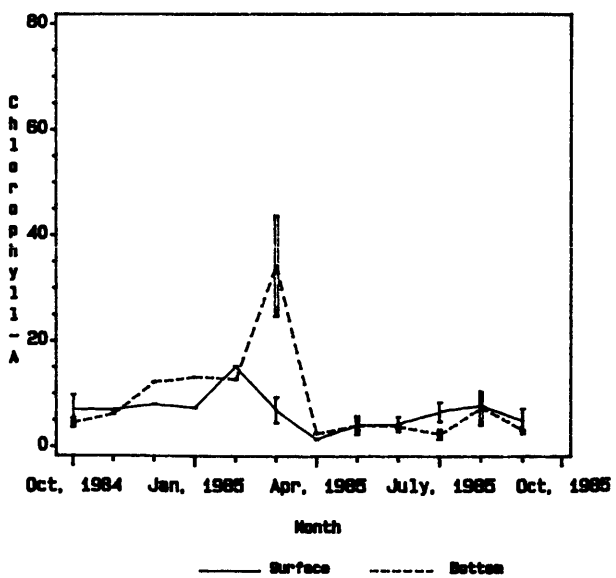
Station Id=EE3.2



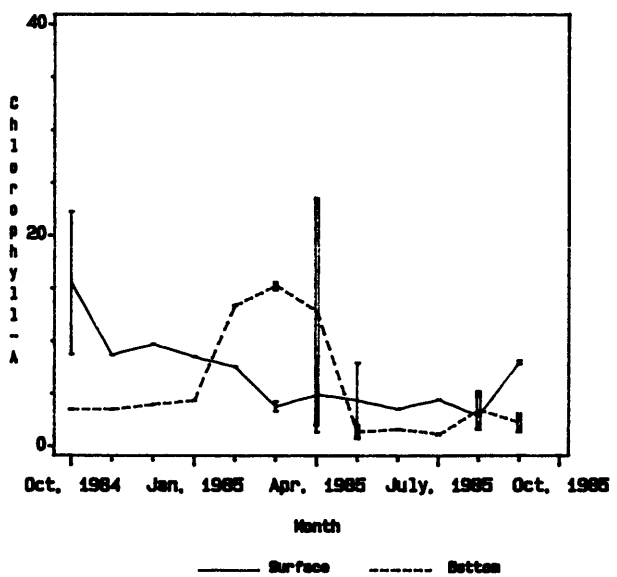
Station Id=CB7.1N



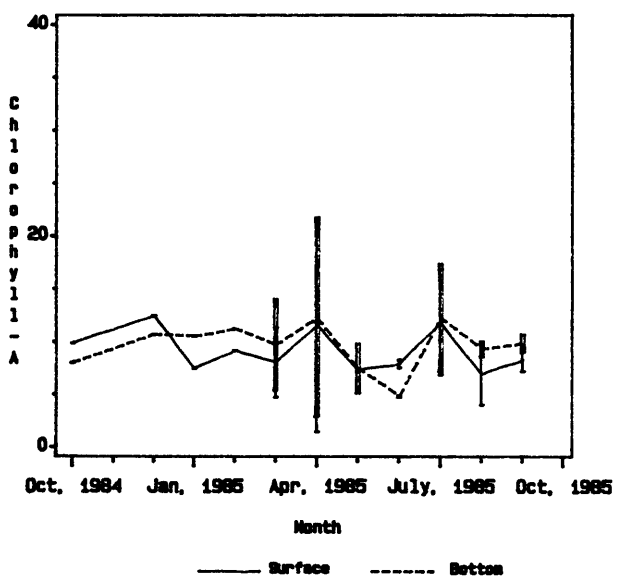
Station Id=CB7.1



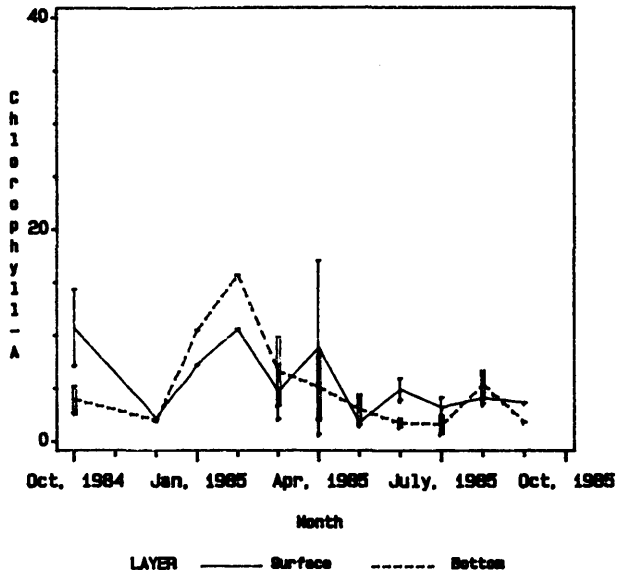
Station Id=CB7.1S



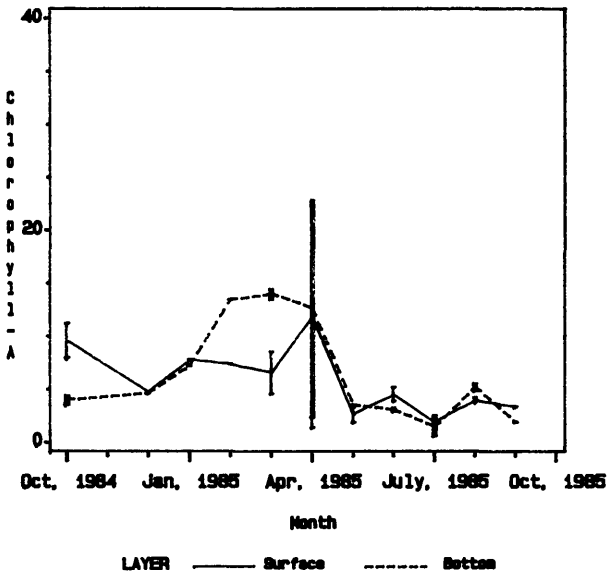
Station Id=CB5.4W



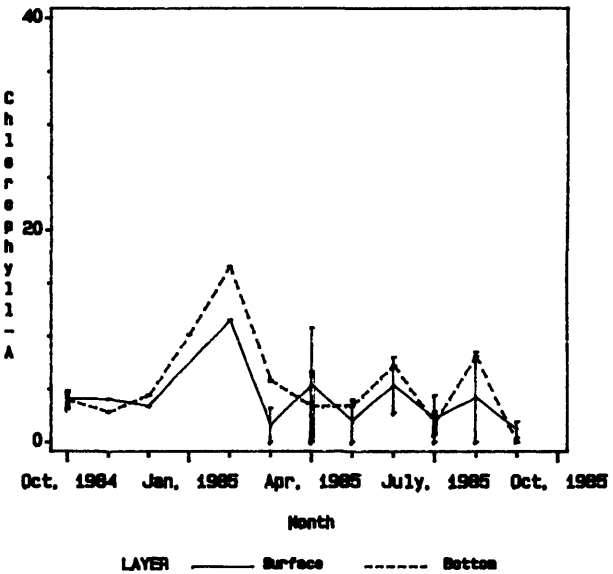
Station Id=CB7.2



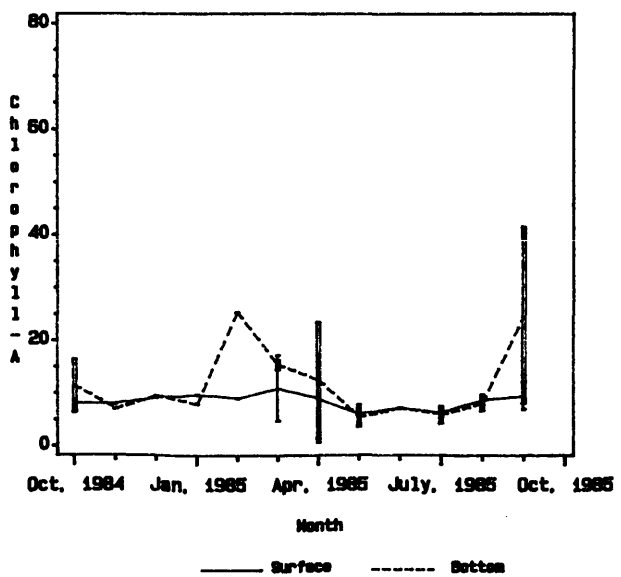
Station Id=CB7.2E



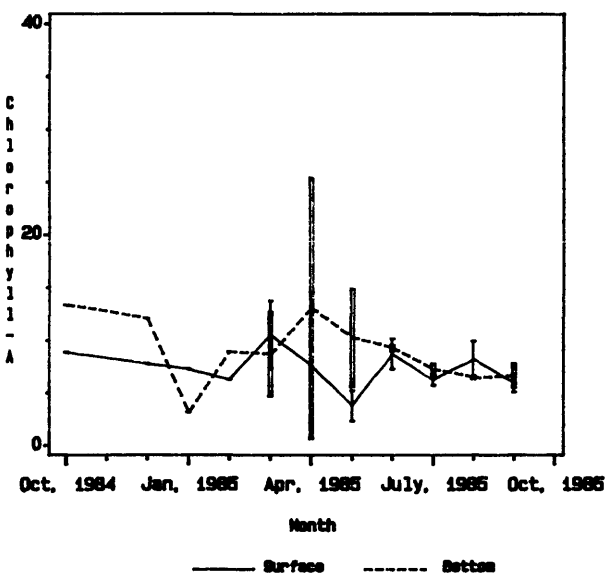
Station Id=CB7.3E



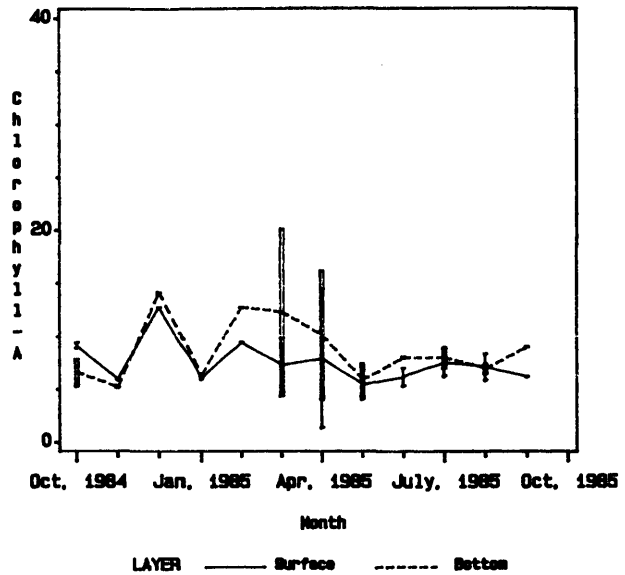
Station Id=LE3.6



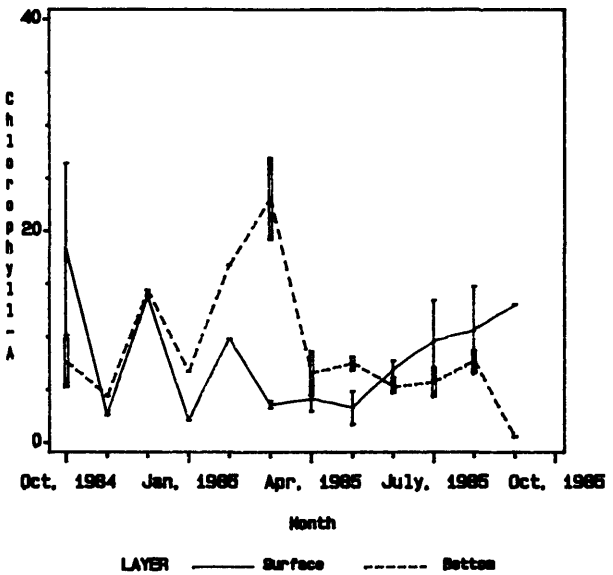
Station Id=LE3.7



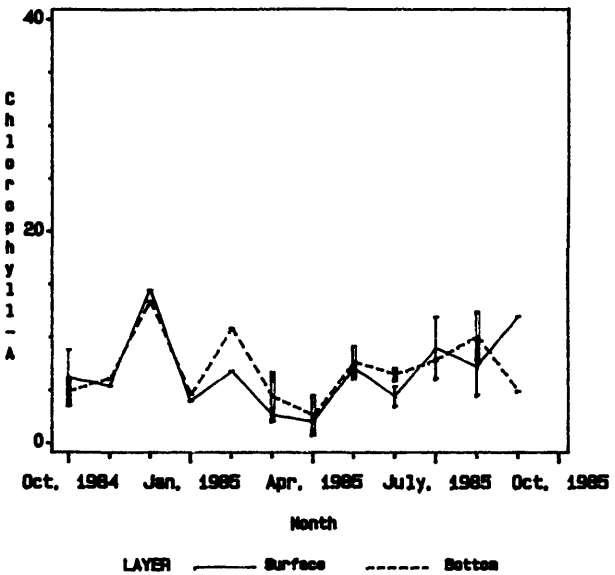
Station Id=WE4.1



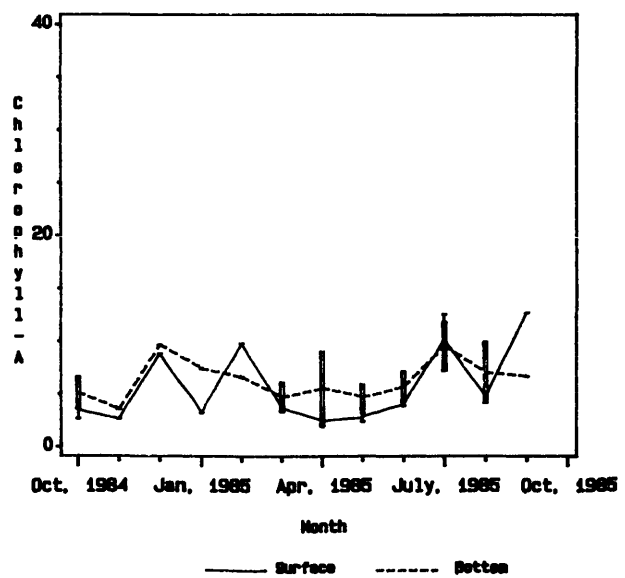
Station Id=WE4.2



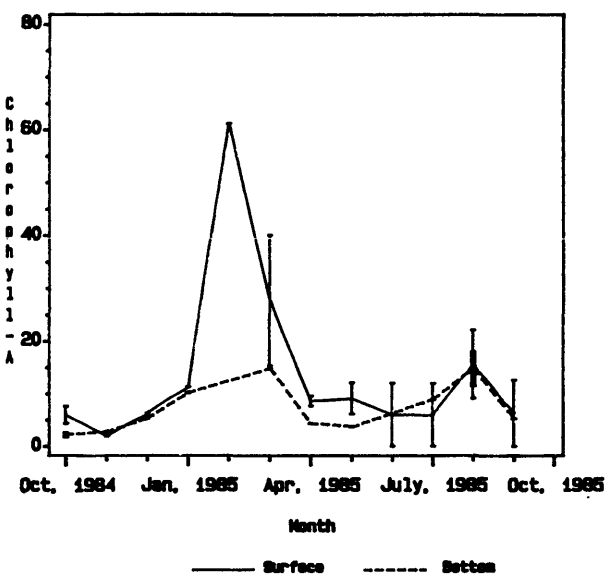
Station Id=WE4.3



Station Id=WE4.4



Station Id=LE5.5



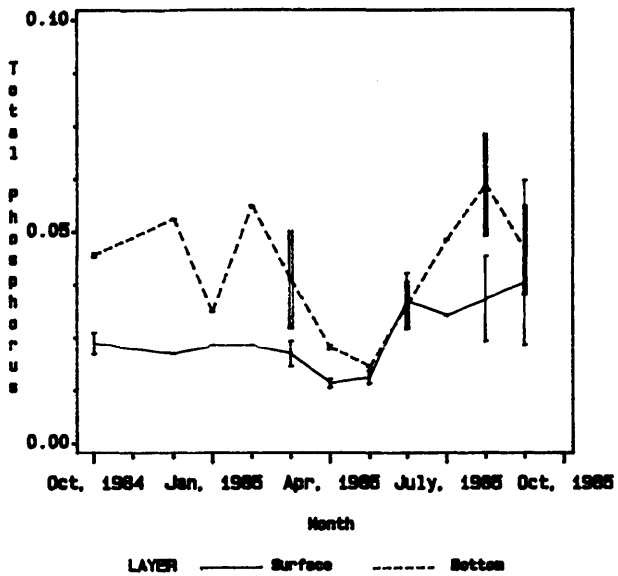
TOTAL PHOSPHORUS

Values reported as mg/l.

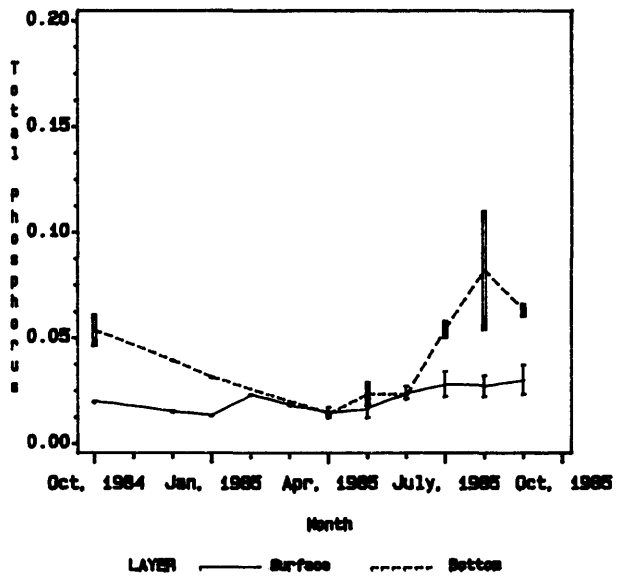
Total Phosphorus
October, 1984 - September, 1985

	Total Phosphorus					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	0.0620	0.0260	0.0130	0.0730	0.0413	0.0180
CB5.4.....	0.0370	0.0217	0.0120	0.1100	0.0449	0.0130
CB5.5.....	0.0640	0.0239	0.0130	0.0890	0.0416	0.0170
CB6.1.....	0.0320	0.0220	0.0120	0.0680	0.0369	0.0220
CB6.2.....	0.0370	0.0223	0.0100	0.0810	0.0419	0.0190
CB6.3.....	0.0470	0.0273	0.0110	0.0680	0.0448	0.0170
CB6.4.....	0.0770	0.0428	0.0190	0.0900	0.0555	0.0310
CB7.3.....	0.1100	0.0447	0.0230	0.1210	0.0525	0.0270
CB7.4.....	0.0690	0.0450	0.0270	0.1240	0.0555	0.0330
CB7.4N.....	0.0960	0.0531	0.0160	0.1290	0.0594	0.0290
CB8.1E.....	0.0620	0.0472	0.0270	0.1580	0.0619	0.0350
CB8.1.....	0.1360	0.0600	0.0250	0.0950	0.0576	0.0190
EE3.1.....	0.0550	0.0338	0.0150	0.0590	0.0367	0.0150
EE3.2.....	0.0400	0.0252	0.0130	0.1180	0.0468	0.0190
CB7.1N.....	0.0300	0.0213	0.0120	0.0780	0.0416	0.0170
CB7.1.....	0.0310	0.0213	0.0110	0.1260	0.0573	0.0200
CB7.1S.....	0.0420	0.0233	0.0100	0.0780	0.0396	0.0170
CB5.4W.....	0.0380	0.0259	0.0130	0.0500	0.0272	0.0140
CB7.2.....	0.0310	0.0214	0.0120	0.0700	0.0462	0.0220
CB7.2E.....	0.0650	0.0266	0.0120	0.0750	0.0353	0.0150
CB7.3E.....	0.0550	0.0413	0.0220	0.0950	0.0536	0.0210
LE3.6.....	0.0950	0.0308	0.0160	0.0730	0.0337	0.0160
LE3.7.....	0.0280	0.0208	0.0050	0.0770	0.0261	0.0130
WE4.1.....	0.0370	0.0257	0.0100	0.0590	0.0326	0.0180
WE4.2.....	0.0450	0.0281	0.0090	0.1090	0.0529	0.0180
WE4.3.....	0.0660	0.0282	0.0120	0.0820	0.0347	0.0140
WE4.4.....	0.0580	0.0301	0.0190	0.0650	0.0309	0.0160
LE5.5.....	0.1000	0.0658	0.0370	0.1240	0.0718	0.0520

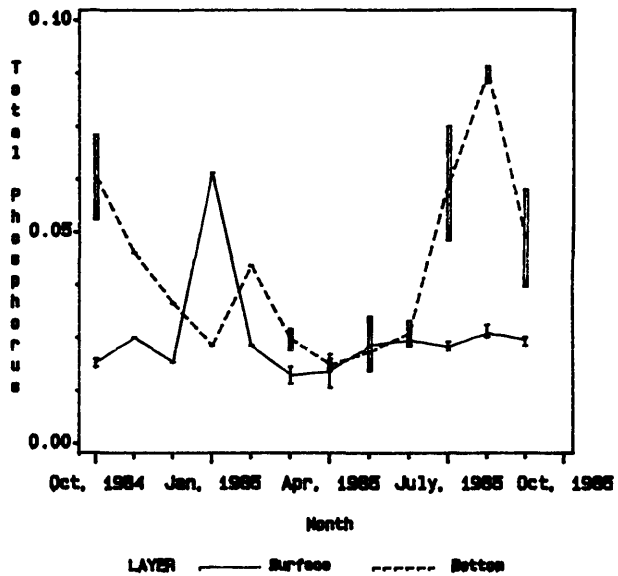
Station Id=C85.3



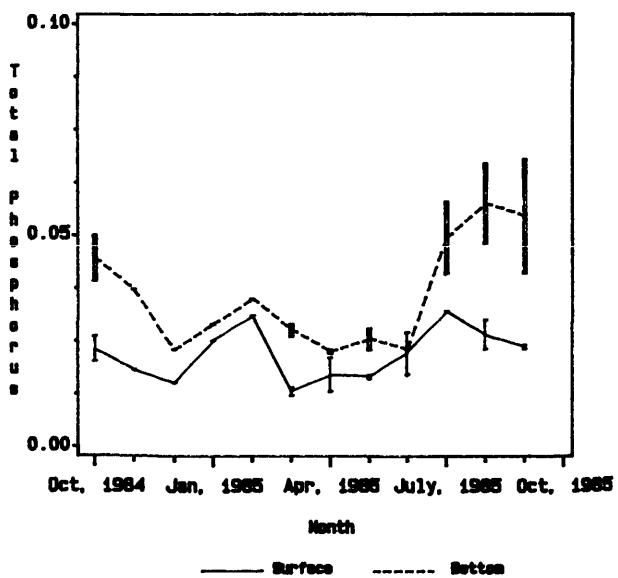
Station Id=C85.4



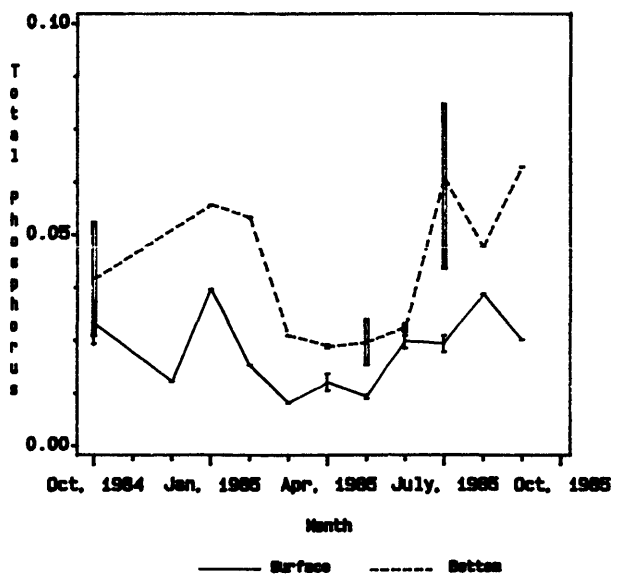
Station Id=C85.5



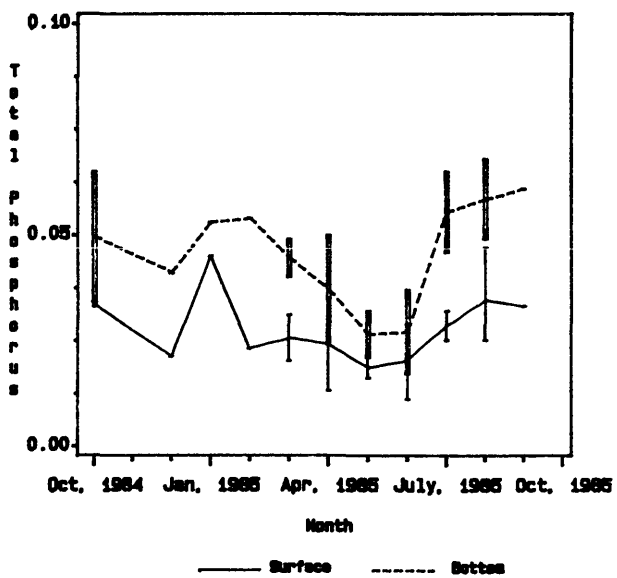
Station Id=C86.1



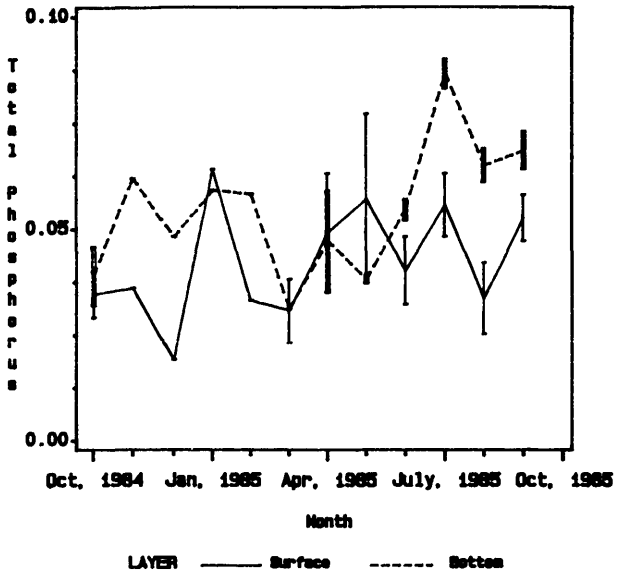
Station Id=C86.2



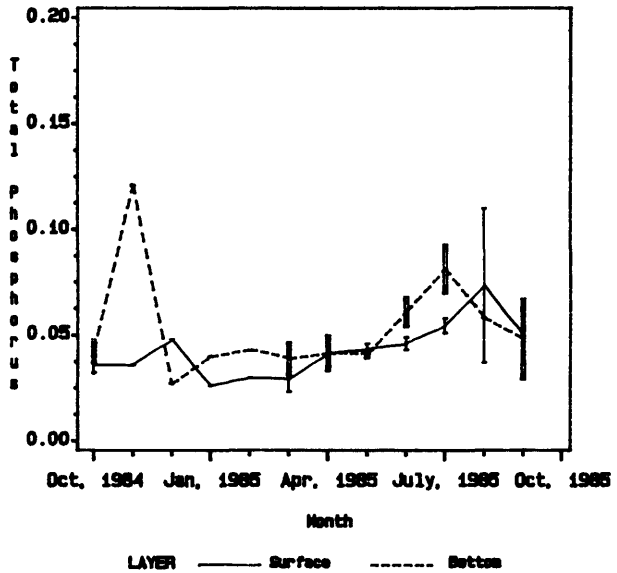
Station Id=C86.3



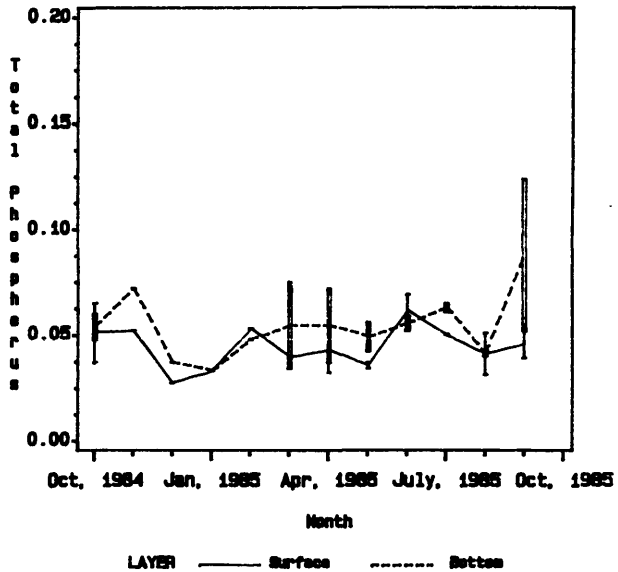
Station Id=CB6.4



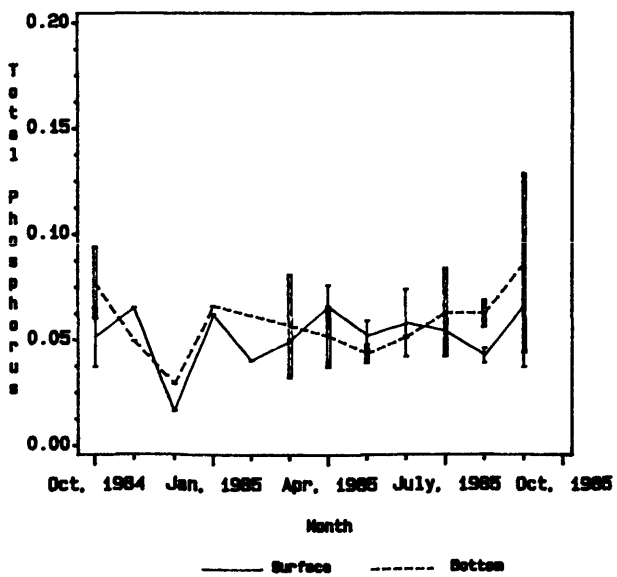
Station Id=CB7.3



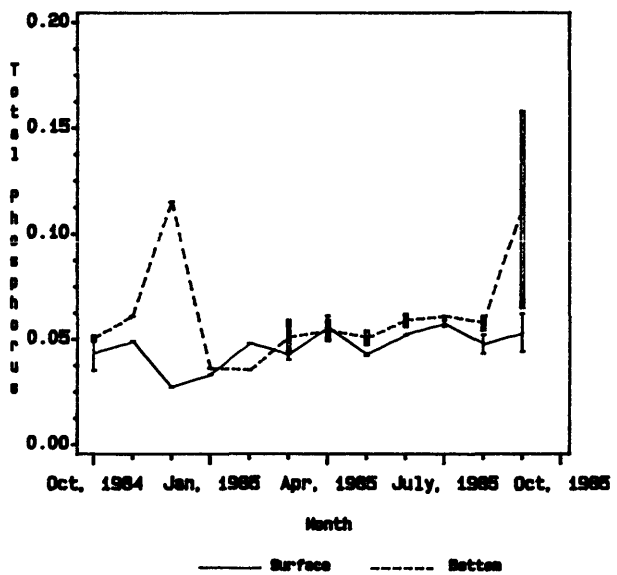
Station Id=CB7.4



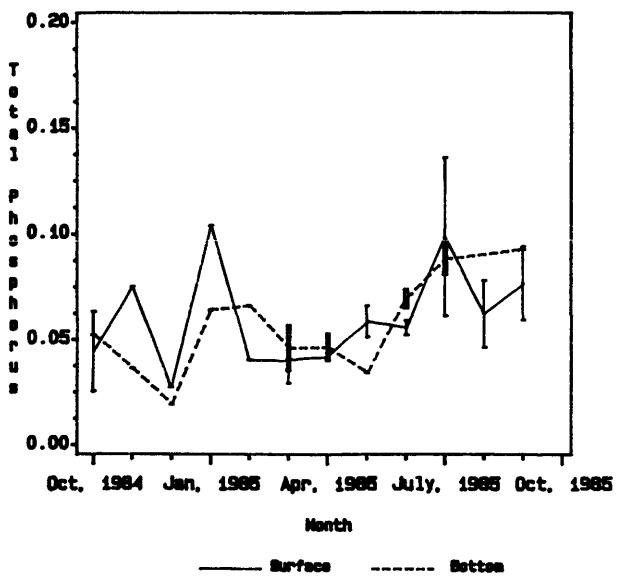
Station Id=CB7.4N



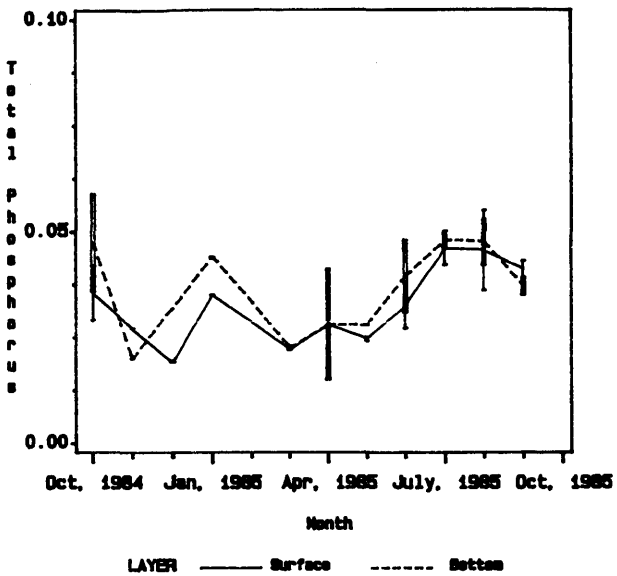
Station Id=CB8.1E



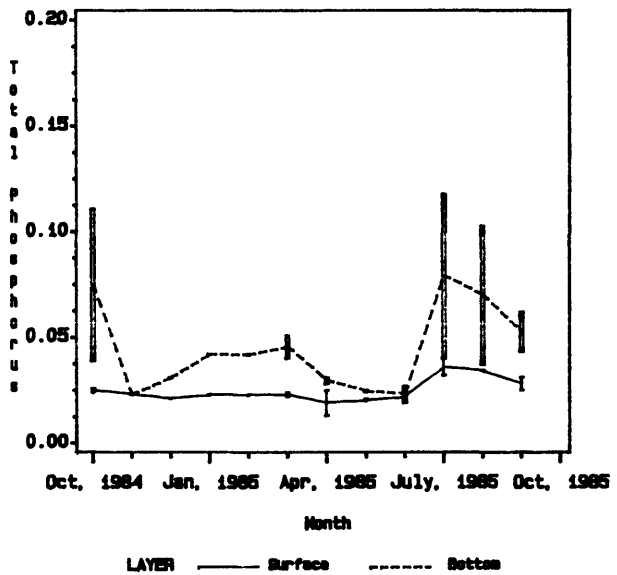
Station Id=CB8.1



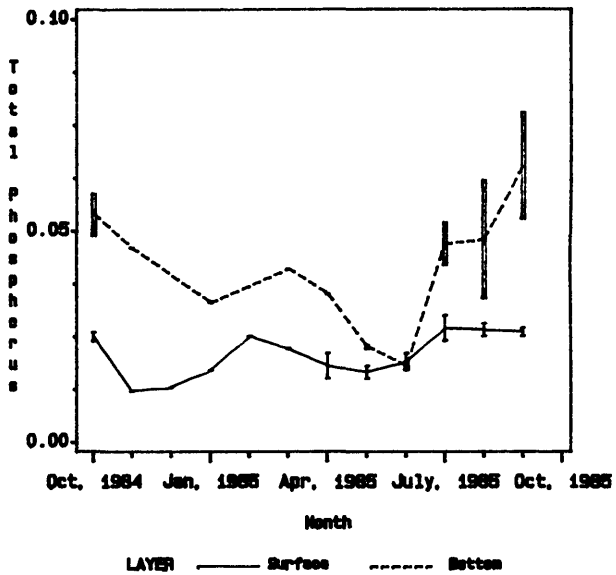
Station Id=EE3.1



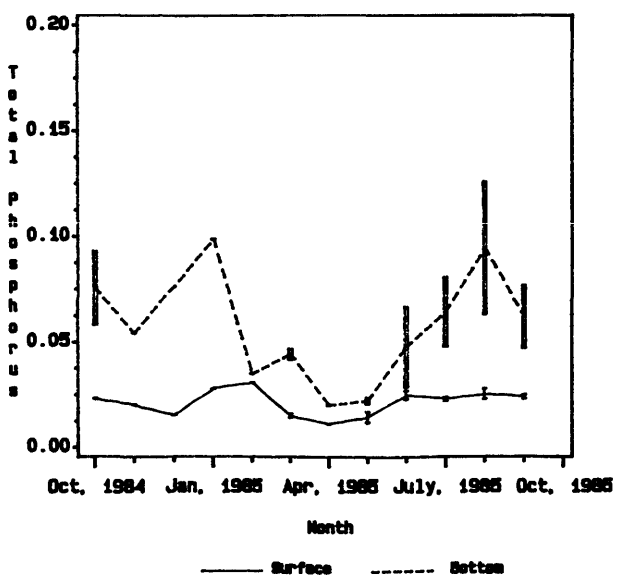
Station Id=EE3.2



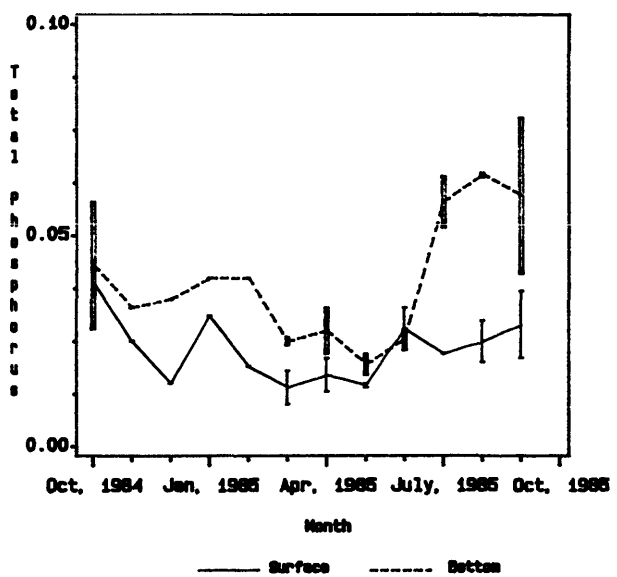
Station Id=CB7.1N



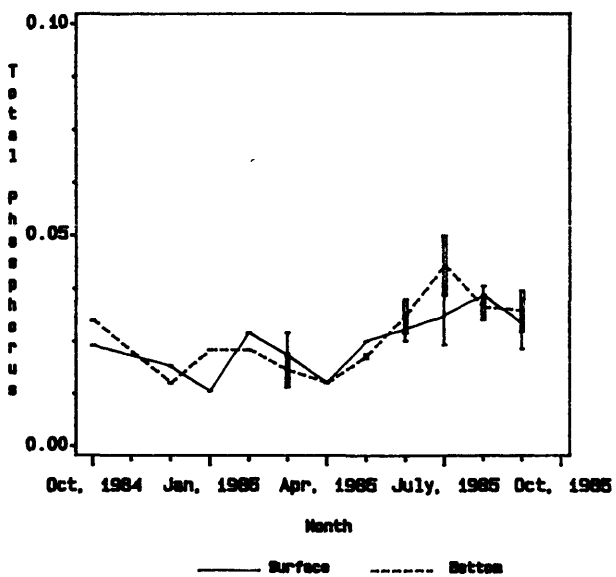
Station Id=CB7.1



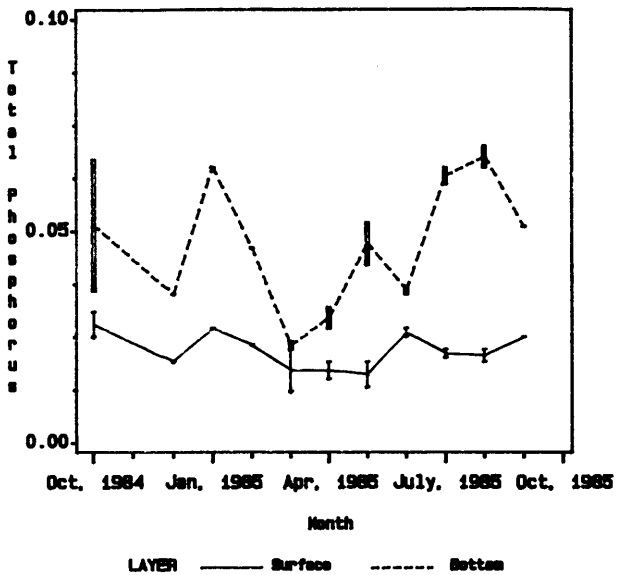
Station Id=CB7.1S



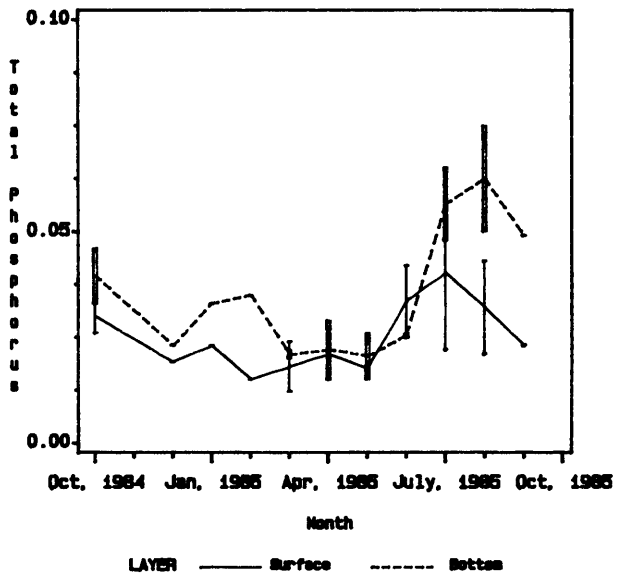
Station Id=CB5.4W



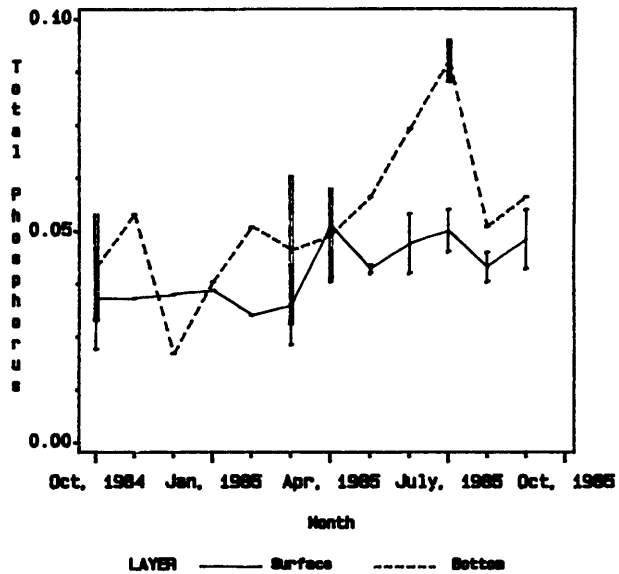
Station Id=CB7.2



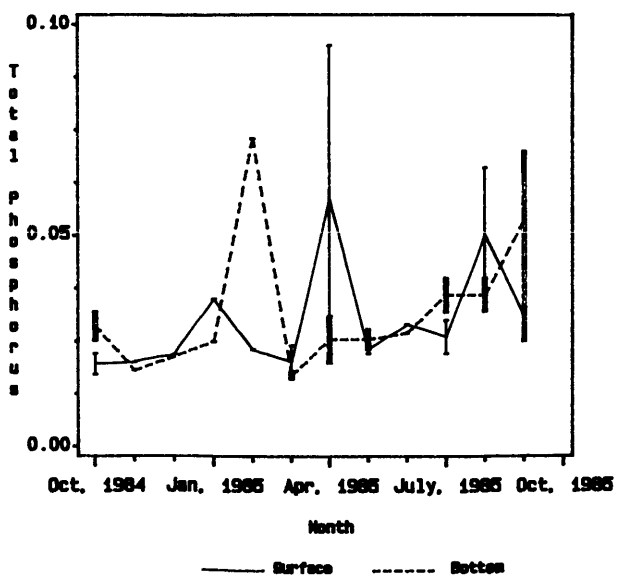
Station Id=CB7.2E



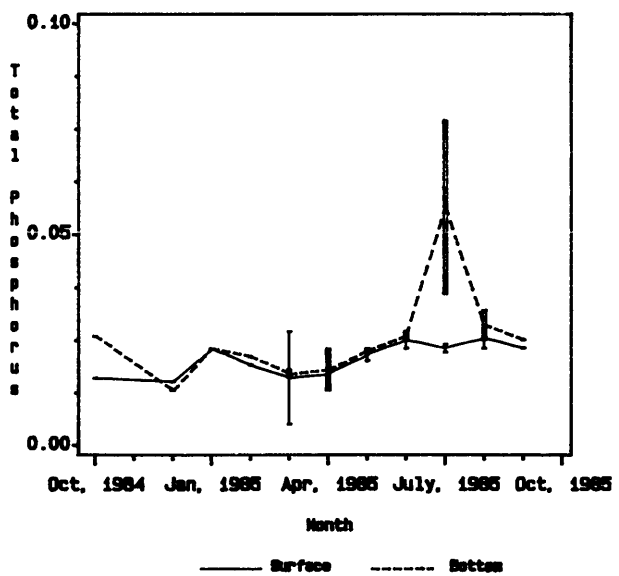
Station Id=CB7.3E



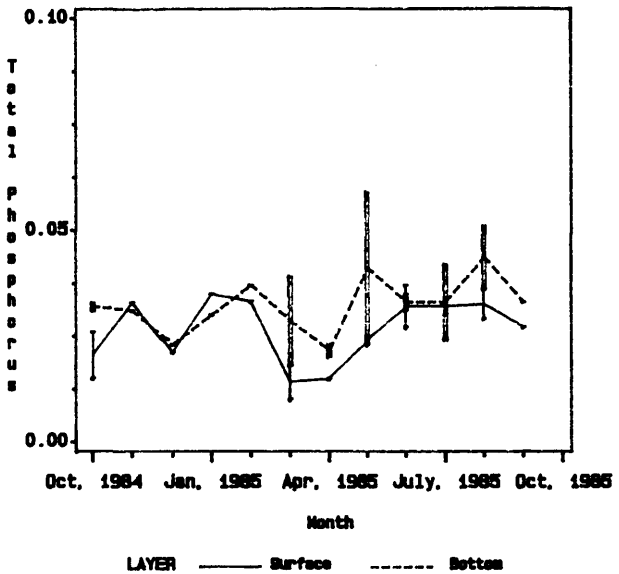
Station Id=LE3.6



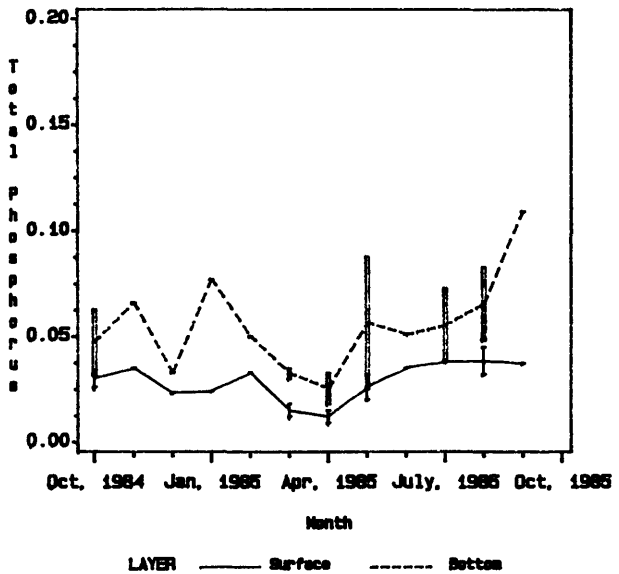
Station Id=LE3.7



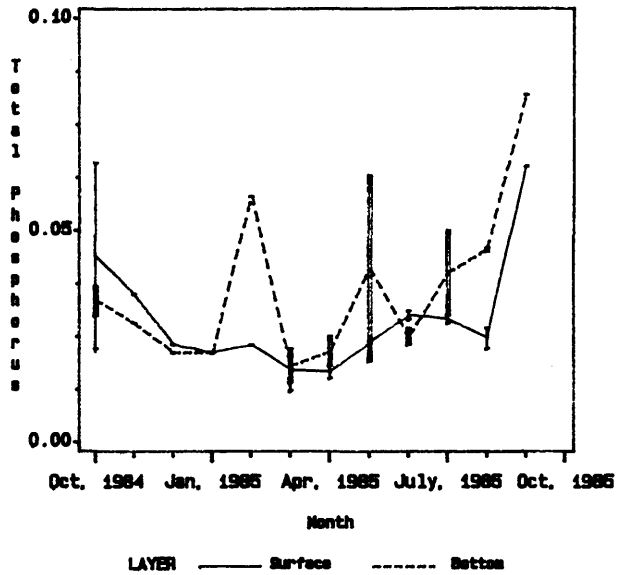
Station Id=WE4.1



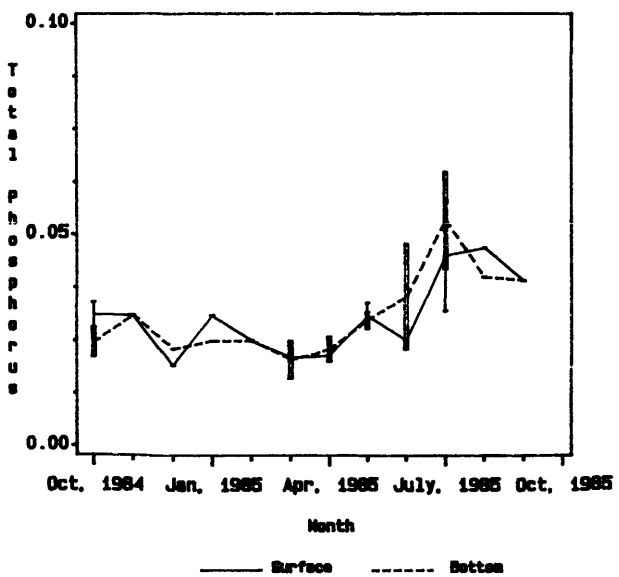
Station Id=WE4.2



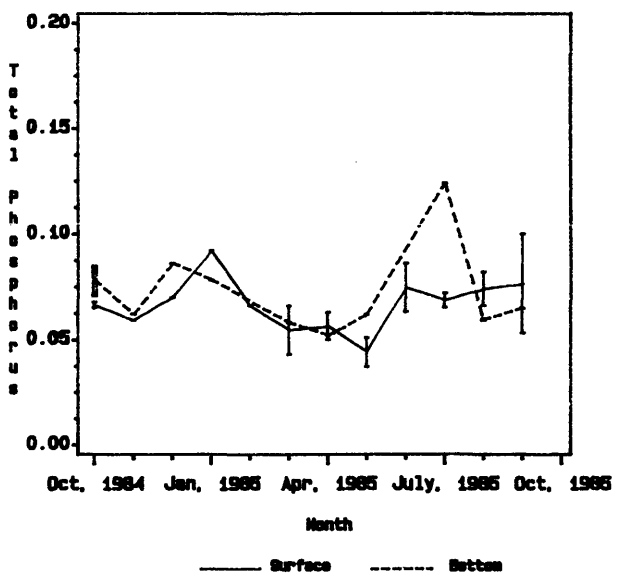
Station Id=WE4.3



Station Id=WE4.4



Station Id=LE5.5

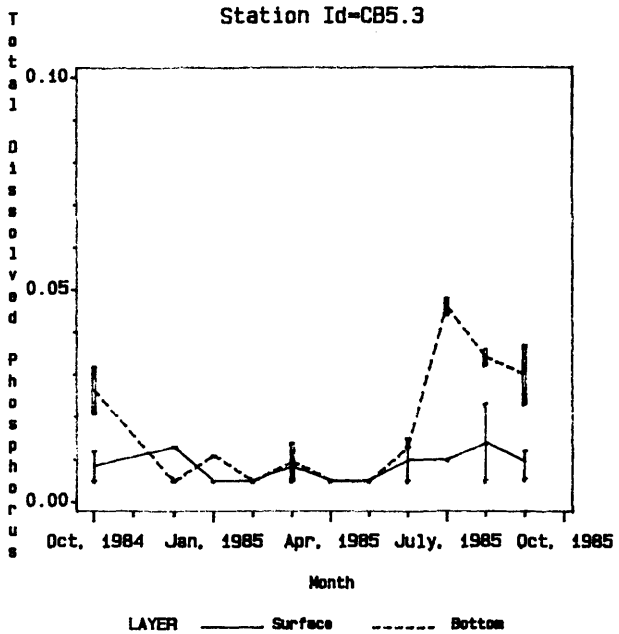


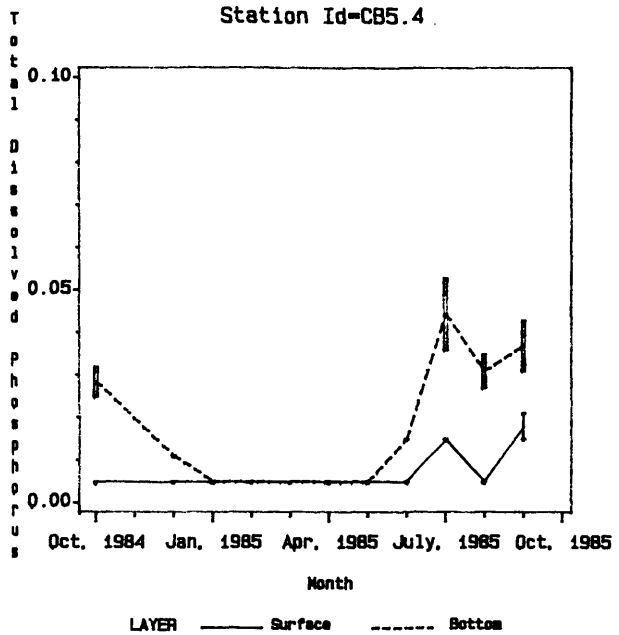
TOTAL DISSOLVED PHOSPHORUS

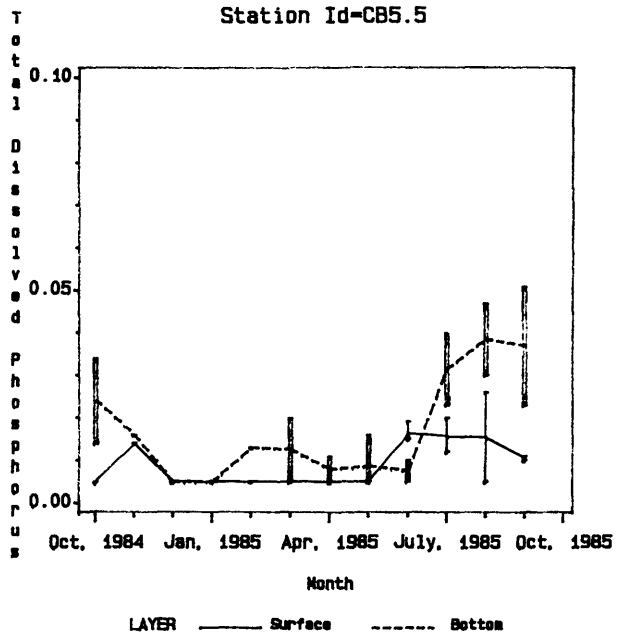
Values reported as mg/l.

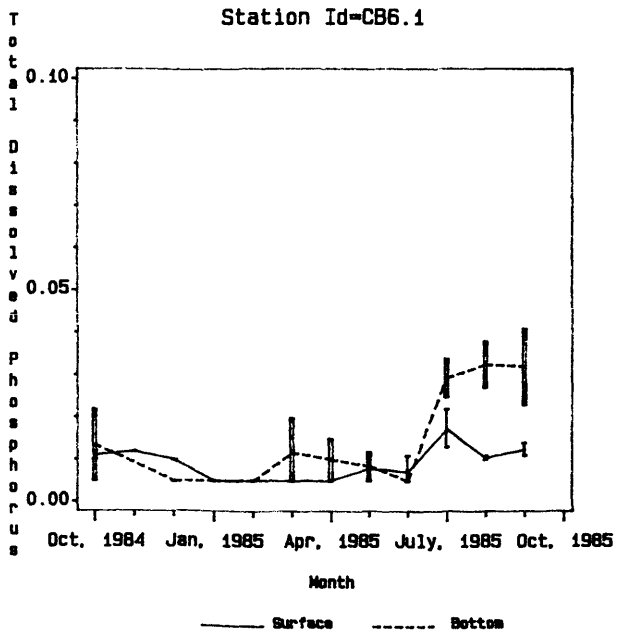
Total Dissolved Phosphorus
October, 1984 - September, 1985

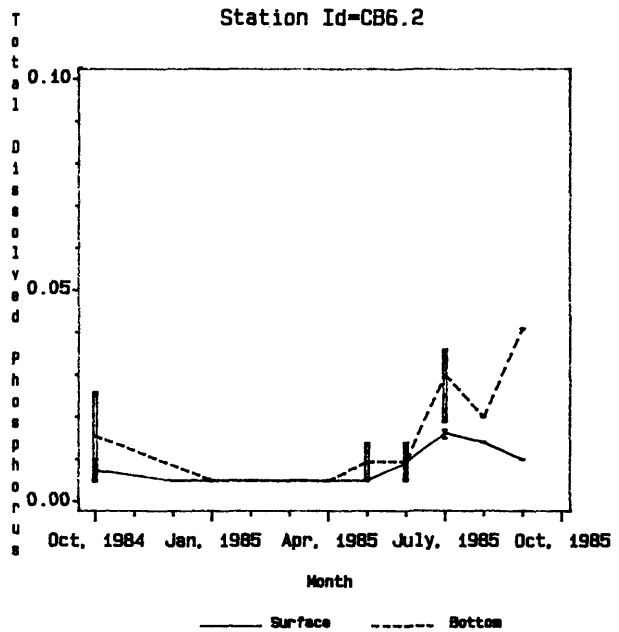
	Total Dissolved Phosphorus					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	0.0230	0.0086	0.0050	0.0480	0.0197	0.0050
CB5.4.....	0.0210	0.0074	0.0050	0.0530	0.0222	0.0050
CB5.5.....	0.0260	0.0103	0.0050	0.0510	0.0191	0.0050
CB6.1.....	0.0220	0.0095	0.0050	0.0410	0.0162	0.0050
CB6.2.....	0.0170	0.0087	0.0050	0.0410	0.0153	0.0050
CB6.3.....	0.0270	0.0108	0.0050	0.0390	0.0168	0.0050
CB6.4.....	0.0540	0.0286	0.0100	*	*	*
CB7.3.....	0.0550	0.0315	0.0050	*	*	*
CB7.4.....	0.0440	0.0318	0.0150	*	*	*
CB7.4N.....	0.0570	0.0325	0.0130	*	*	*
CB8.1E.....	0.0560	0.0340	0.0180	*	*	*
CB8.1.....	0.0620	0.0340	0.0050	*	*	*
EE3.1.....	0.0260	0.0091	0.0050	0.0220	0.0085	0.0050
EE3.2.....	0.0300	0.0088	0.0050	0.0310	0.0113	0.0050
CB7.1N.....	0.0220	0.0076	0.0050	0.0330	0.0124	0.0050
CB7.1.....	0.0200	0.0073	0.0050	0.0370	0.0165	0.0050
CB7.1S.....	0.0140	0.0082	0.0050	0.0660	0.0194	0.0050
CB5.4W.....	0.0360	0.0082	0.0050	0.0240	0.0093	0.0050
CB7.2.....	0.0240	0.0087	0.0050	0.0360	0.0187	0.0050
CB7.2E.....	0.0260	0.0099	0.0050	0.0380	0.0158	0.0050
CB7.3E.....	0.0560	0.0292	0.0110	*	*	*
LE3.6.....	0.0660	0.0114	0.0050	0.0240	0.0098	0.0050
LE3.7.....	0.0170	0.0098	0.0050	0.0340	0.0099	0.0050
WE4.1.....	0.0120	0.0067	0.0050	0.0400	0.0114	0.0050
WE4.2.....	0.0290	0.0111	0.0050	0.0640	0.0161	0.0050
WE4.3.....	0.0210	0.0082	0.0050	0.0580	0.0113	0.0050
WE4.4.....	0.0210	0.0077	0.0050	0.0220	0.0089	0.0050
LE5.5.....	0.0800	0.0421	0.0110	*	*	*

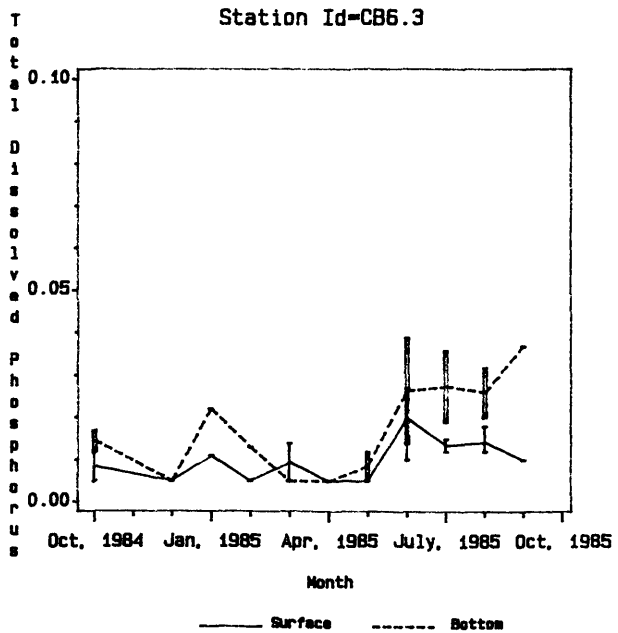

Station Id=CB5.3
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

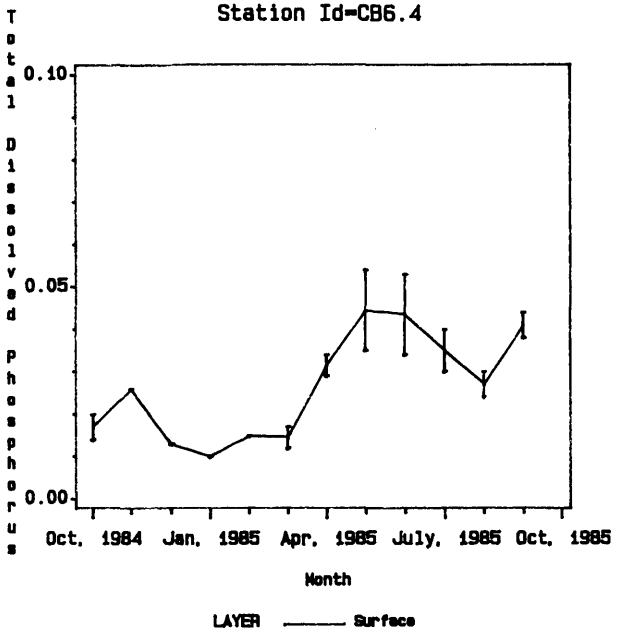

Station Id=CB5.4
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

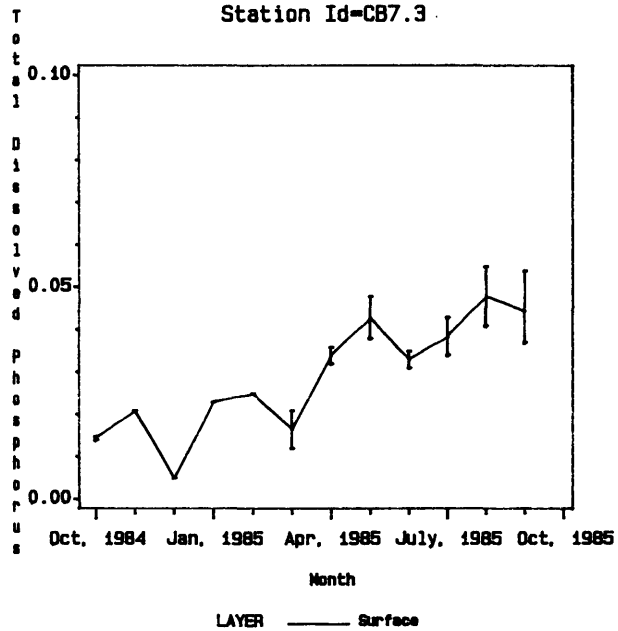

Station Id=CB5.5
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

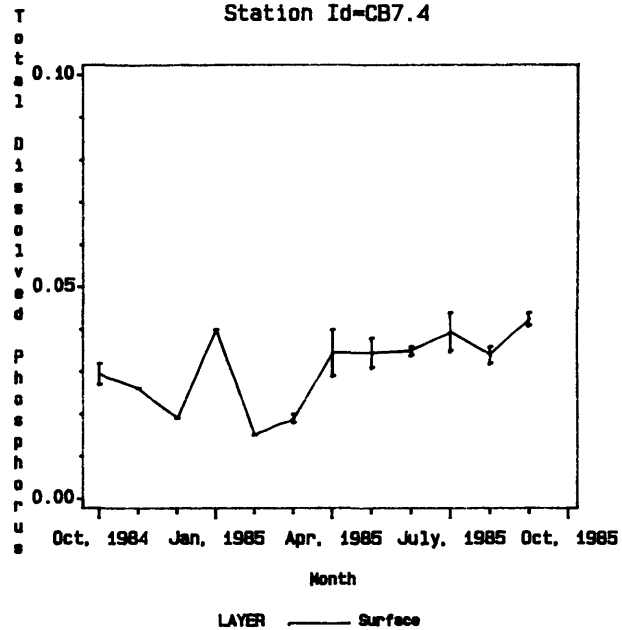

Station Id=CB6.1
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

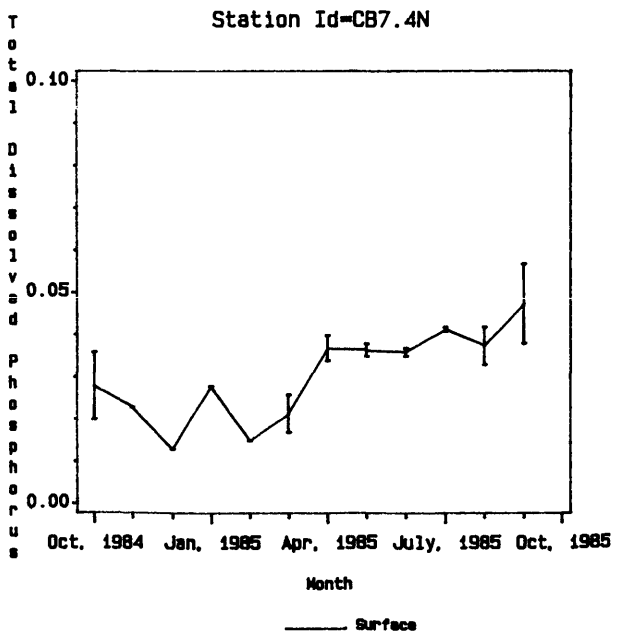

Station Id=CB6.2
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

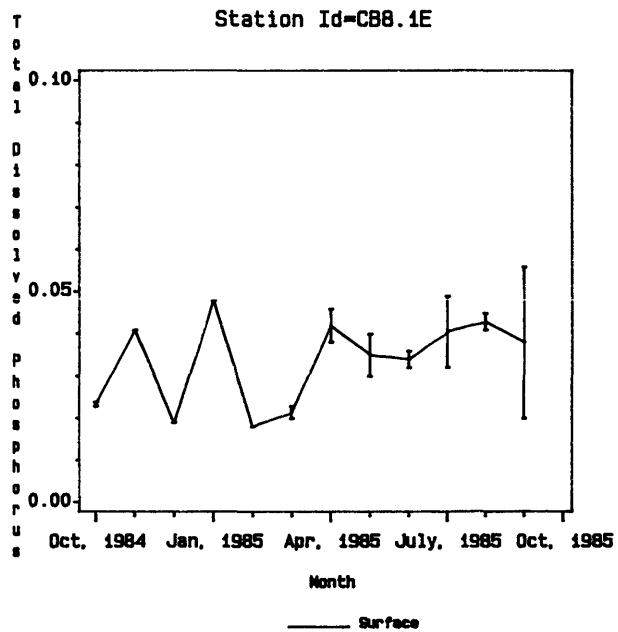

Station Id=CB6.3
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

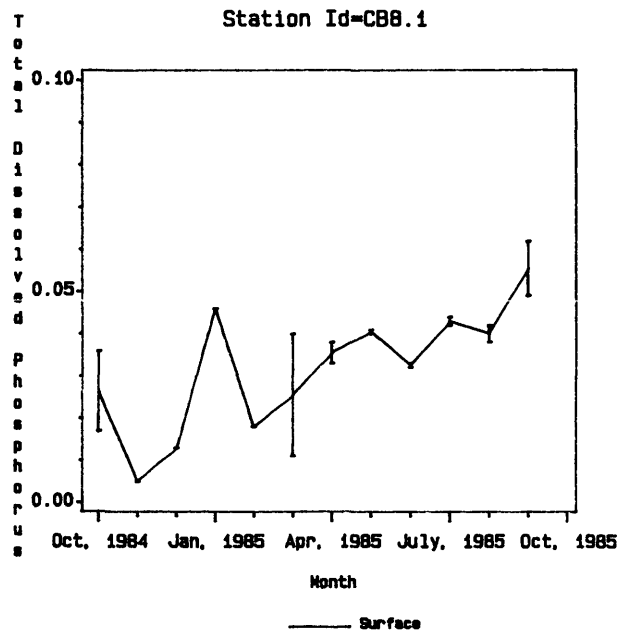

Station Id=CB6.4
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface

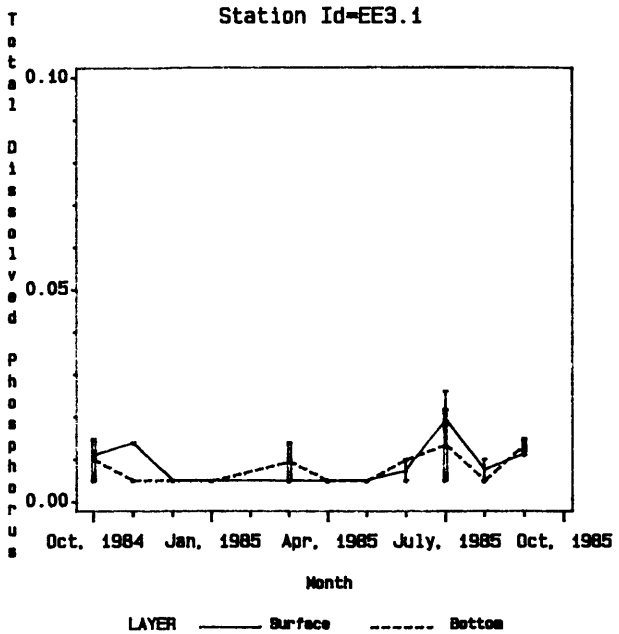

Station Id=CB7.3
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface

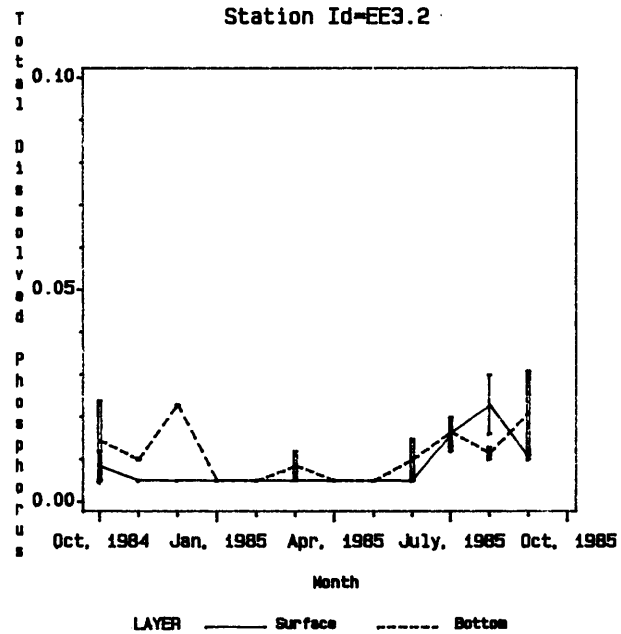

Station Id=CB7.4
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface

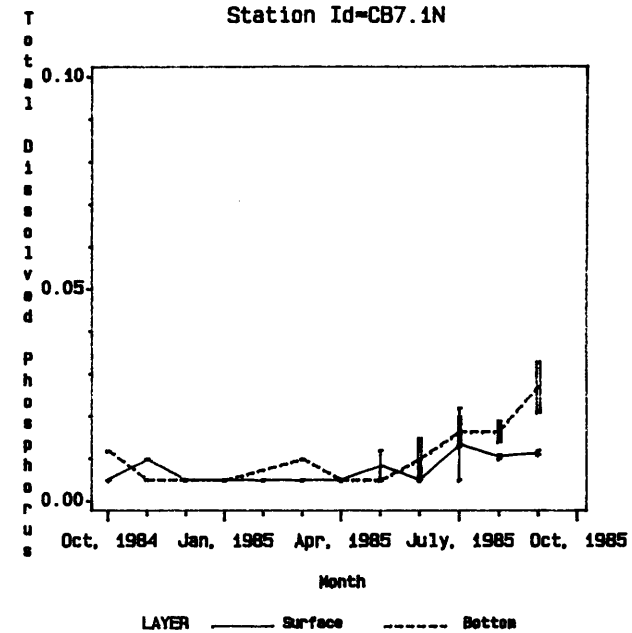

Station Id=CB7.4N
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface

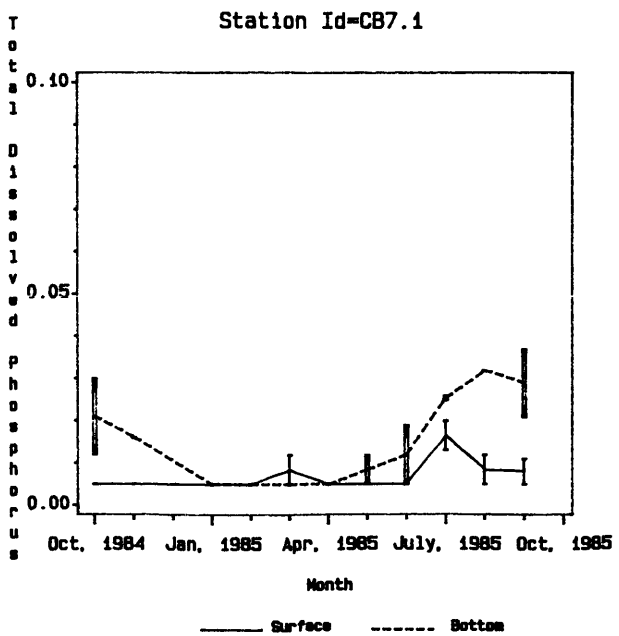

Station Id=CB8.1E
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface

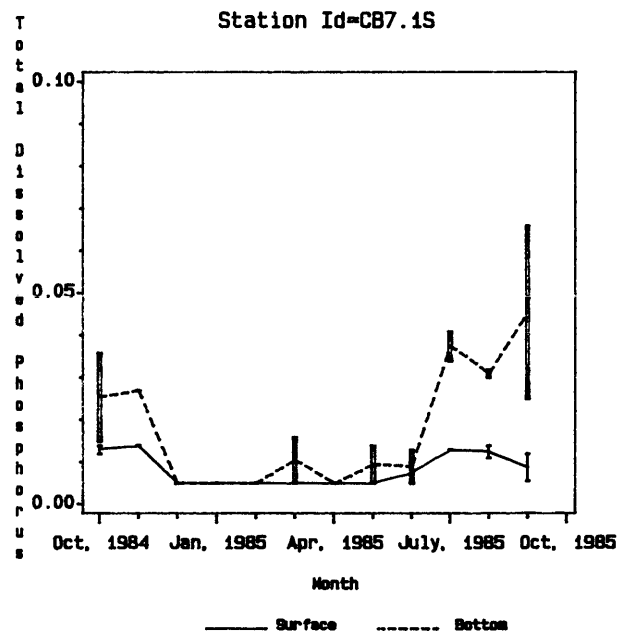

Station Id=CB8.1
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface

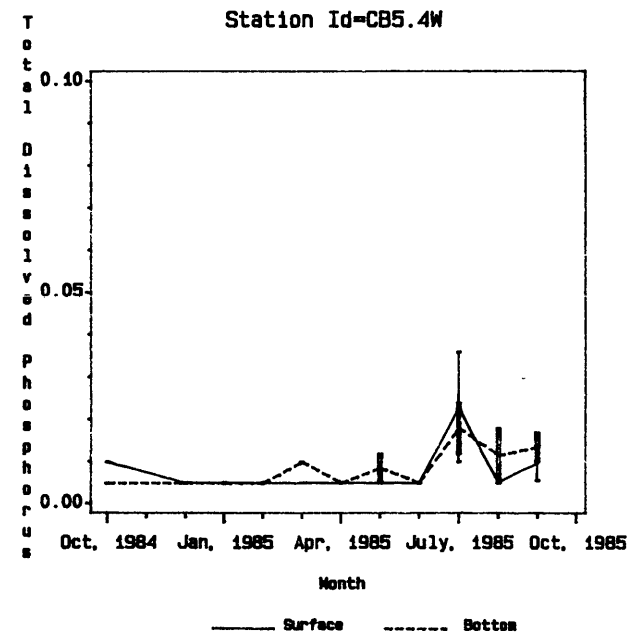

Station Id=EE3.1
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

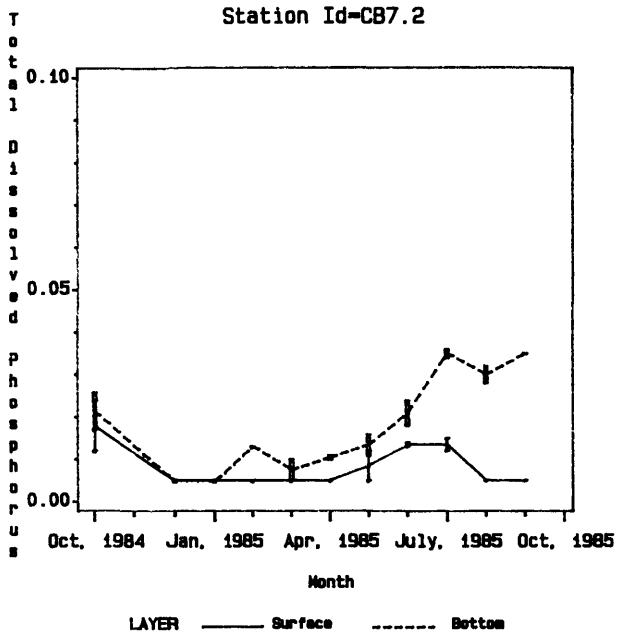

Station Id=EE3.2
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

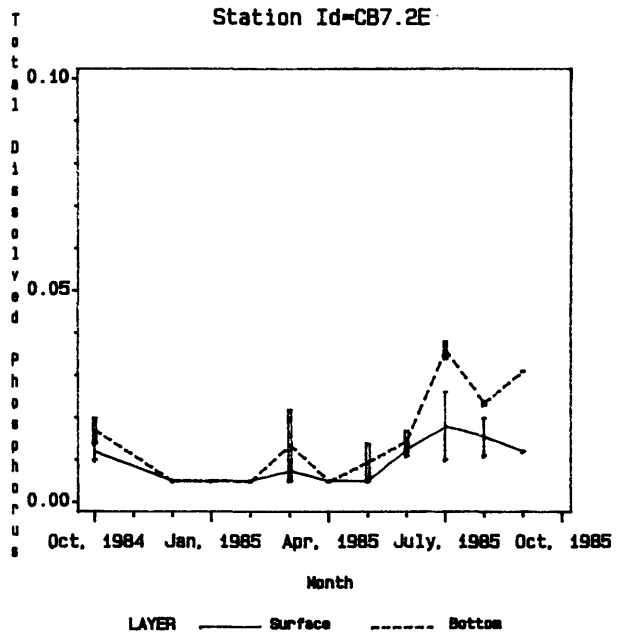

Station Id=CB7.1N
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

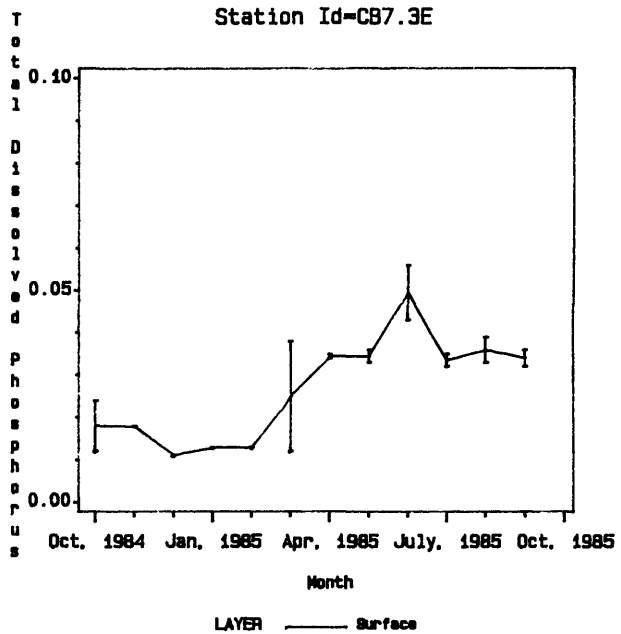

Station Id=CB7.1
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

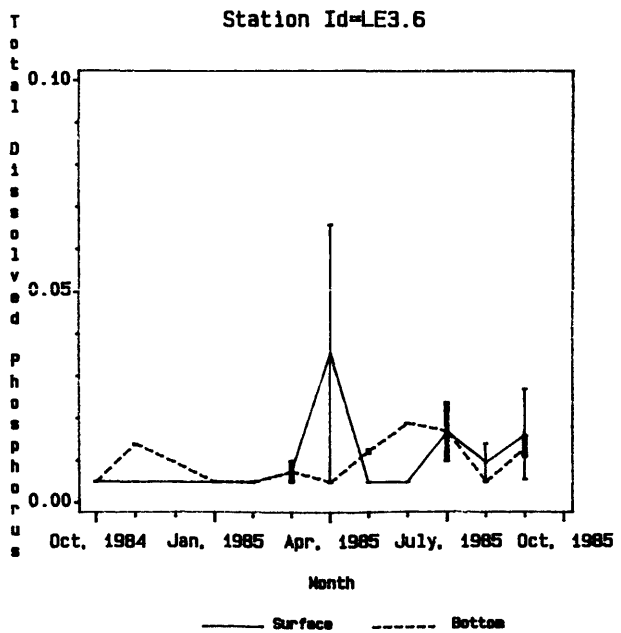

Station Id=CB7.1S
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

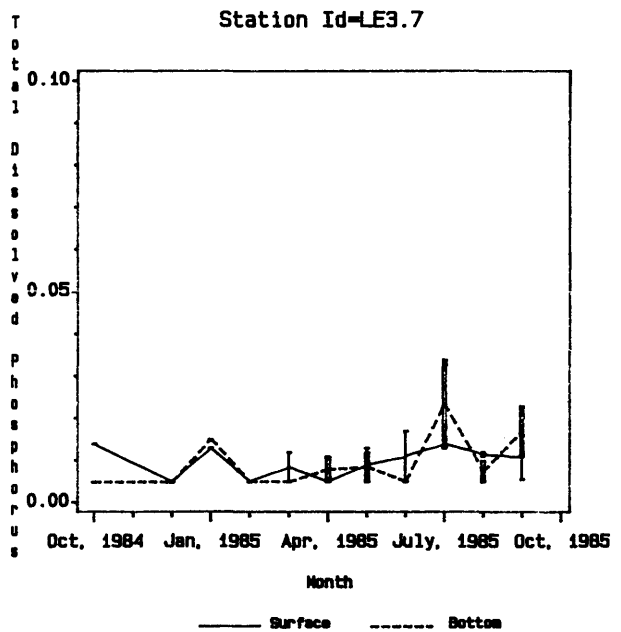

Station Id=CB5.4W
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

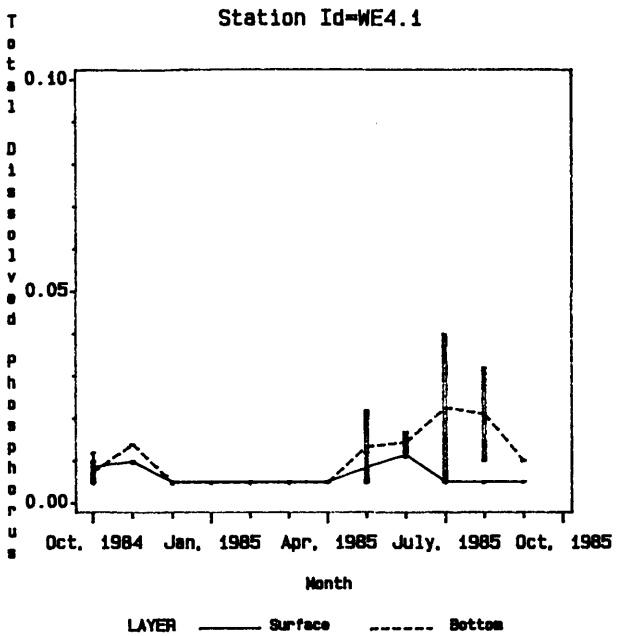

Station Id=CB7.2
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

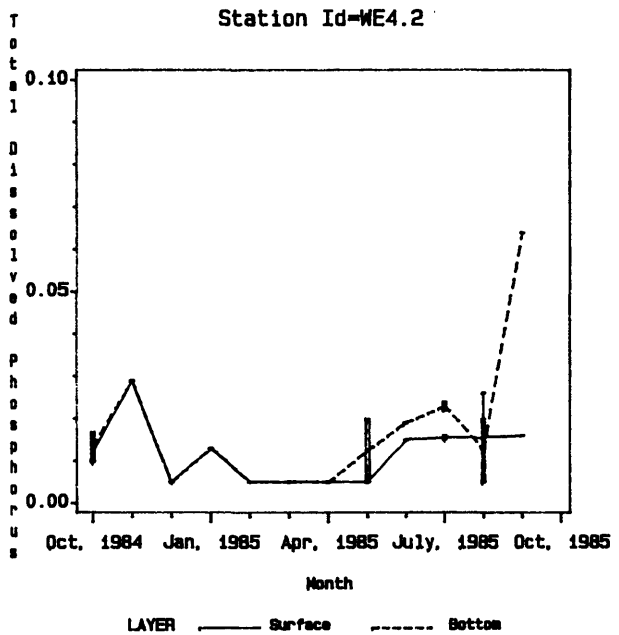

Station Id=CB7.2E
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

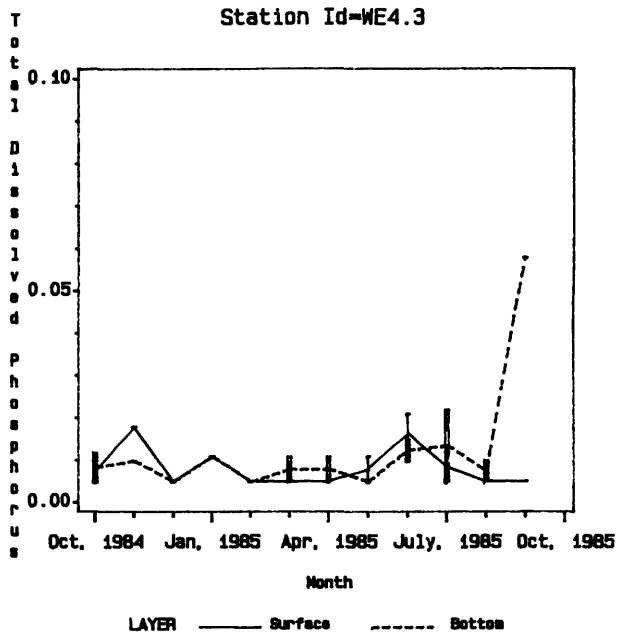

Station Id=CB7.3E
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface

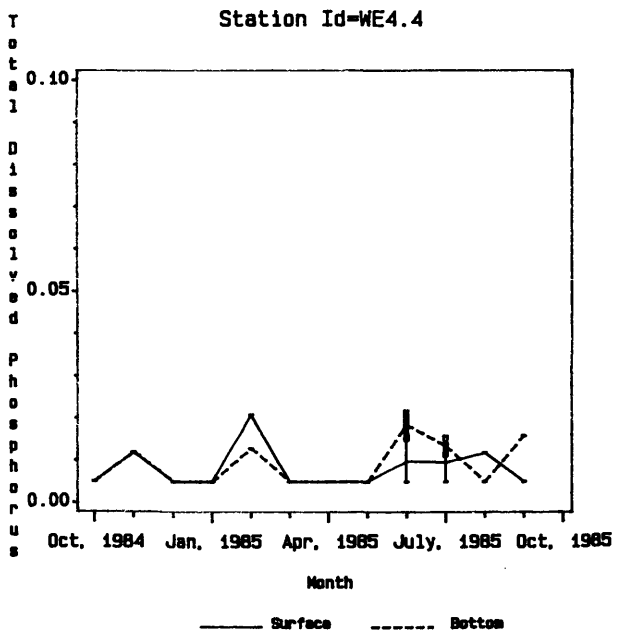

Station Id=LE3.6
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

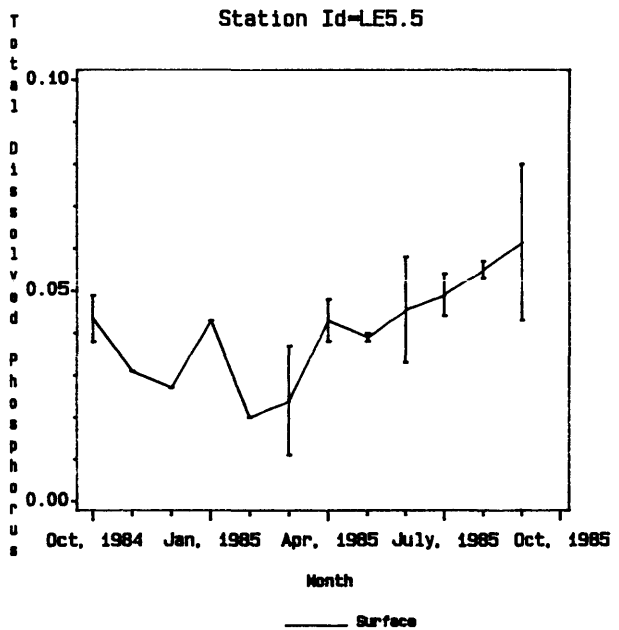

Station Id=LE3.7
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom


Station Id=WE4.1
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom


Station Id=WE4.2
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom


Station Id=WE4.3
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom


Station Id=WE4.4
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

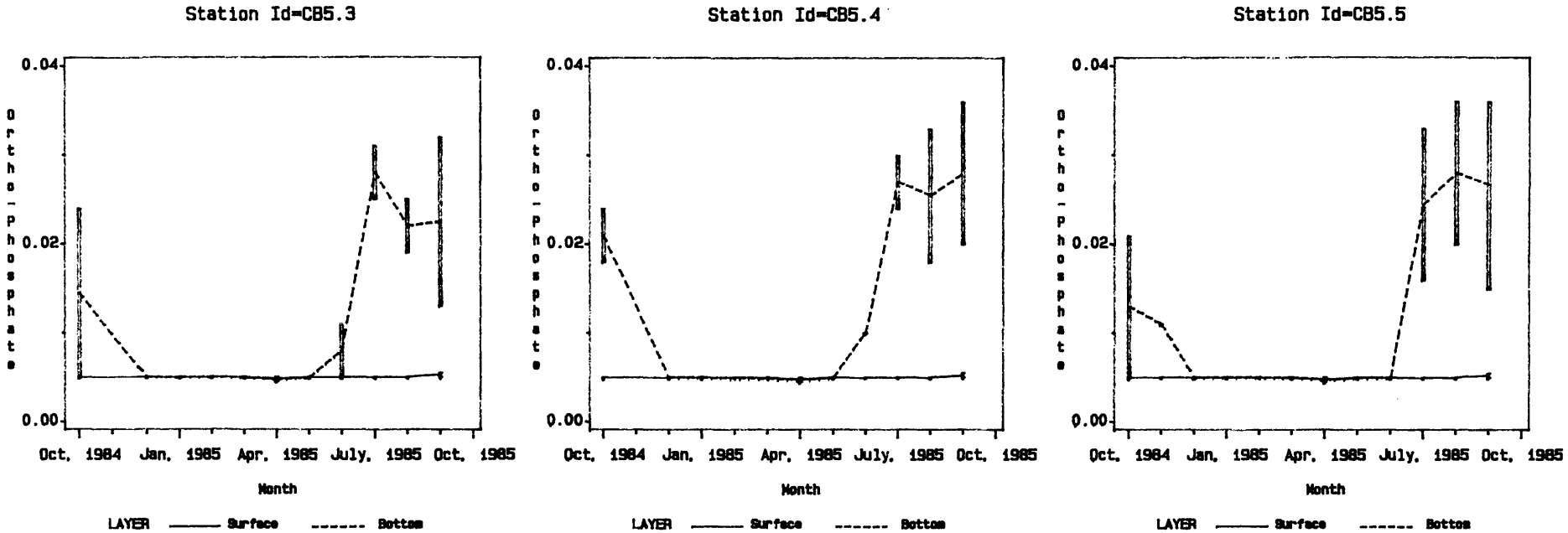

Station Id=LE5.5
Total Dissolved Phosphorus
0.10
0.05
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface

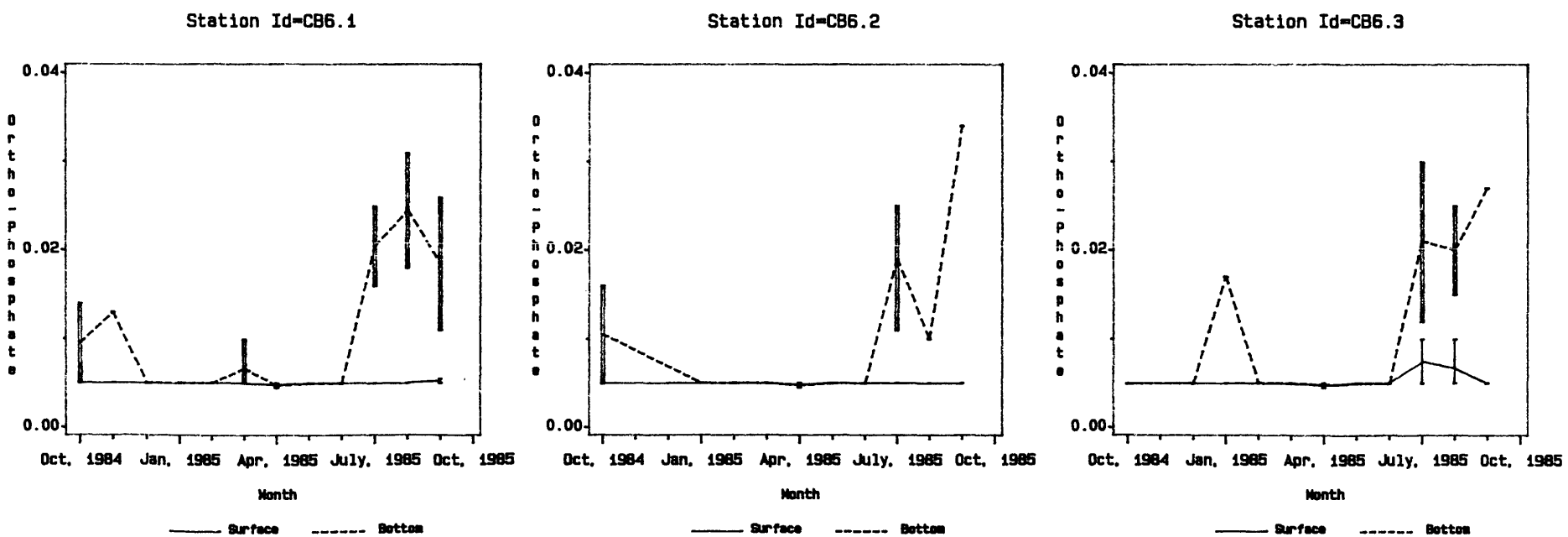
ORTHO-PHOSPHATE

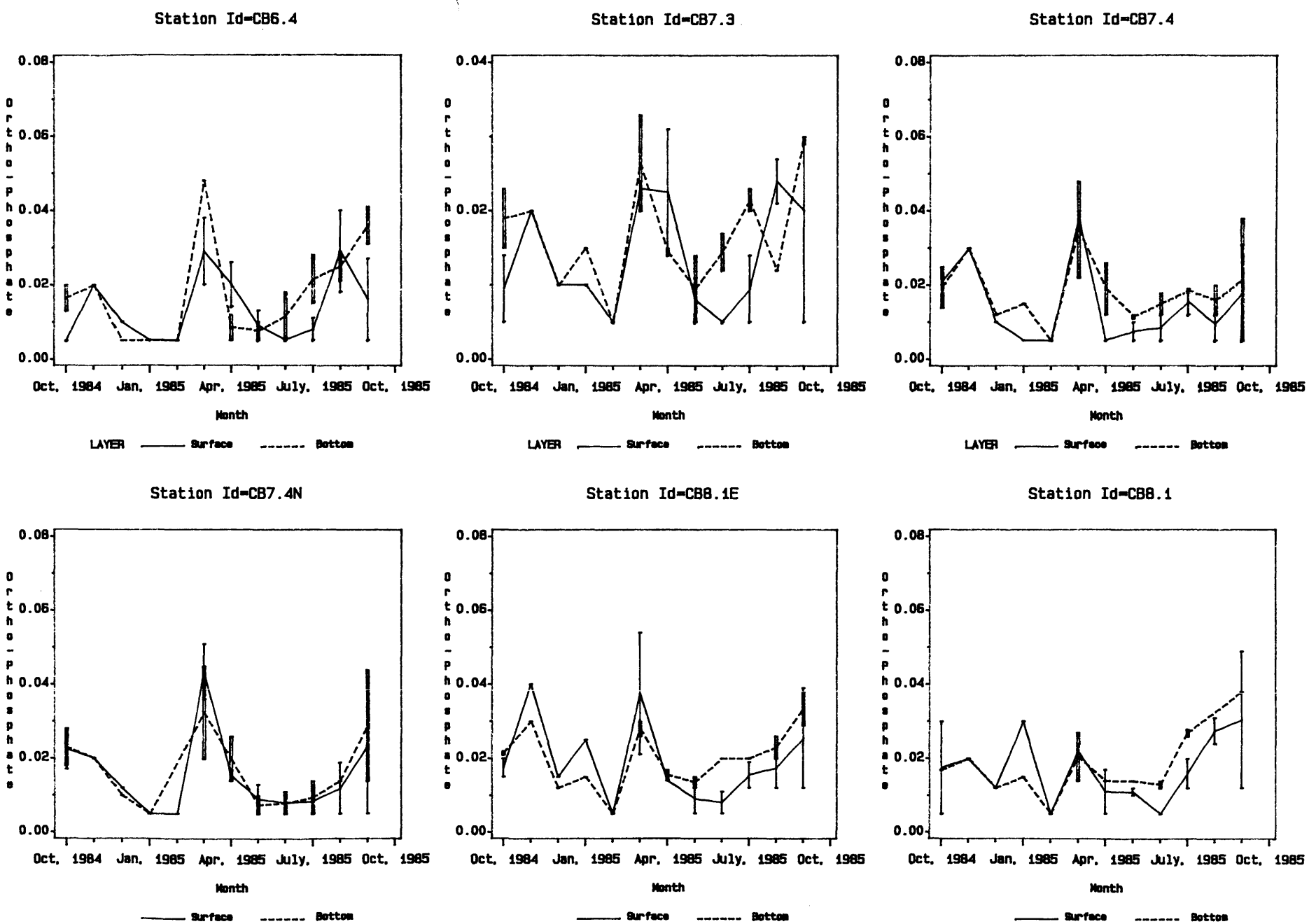
Values reported as mg/l.

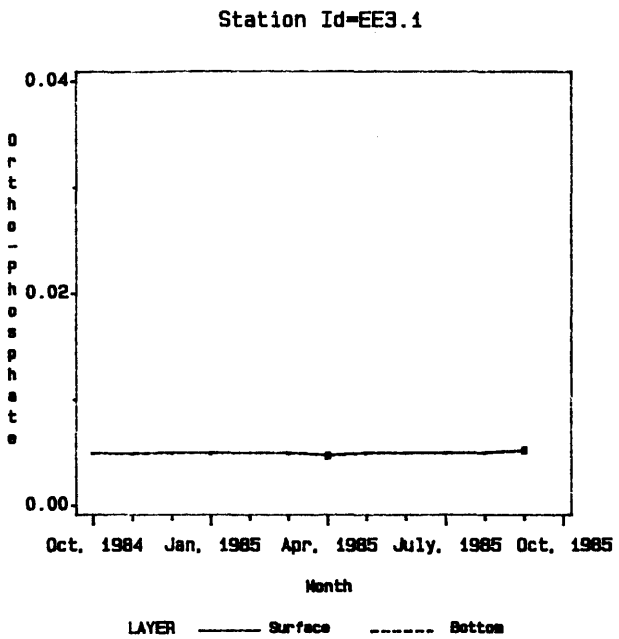
Ortho-phosphate
October, 1984 - September, 1985

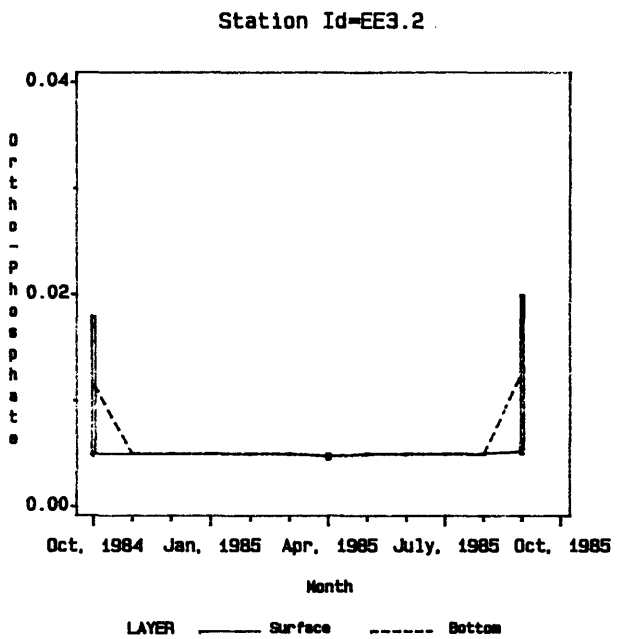
	Ortho-phosphate					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	0.0055	0.0050	0.0045	0.0320	0.0127	0.0045
CB5.4.....	0.0055	0.0050	0.0045	0.0360	0.0162	0.0045
CB5.5.....	0.0055	0.0050	0.0045	0.0360	0.0132	0.0045
CB6.1.....	0.0055	0.0050	0.0045	0.0310	0.0109	0.0045
CB6.2.....	0.0050	0.0050	0.0045	0.0340	0.0104	0.0045
CB6.3.....	0.0100	0.0055	0.0045	0.0300	0.0103	0.0045
CB6.4.....	0.0400	0.0141	0.0050	0.0480	0.0184	0.0050
CB7.3.....	0.0310	0.0147	0.0050	0.0330	0.0175	0.0050
CB7.4.....	0.0400	0.0148	0.0050	0.0480	0.0187	0.0050
CB7.4N.....	0.0510	0.0163	0.0050	0.0450	0.0169	0.0050
CB8.1E.....	0.0540	0.0187	0.0050	0.0380	0.0206	0.0050
CB8.1.....	0.0490	0.0174	0.0050	0.0380	0.0180	0.0050
EE3.1.....	0.0055	0.0050	0.0045	0.0055	0.0050	0.0045
EE3.2.....	0.0055	0.0050	0.0045	0.0200	0.0064	0.0045
CB7.1N.....	0.0055	0.0050	0.0045	0.0200	0.0069	0.0050
CB7.1.....	0.0055	0.0050	0.0045	0.0270	0.0110	0.0045
CB7.1S.....	0.0055	0.0050	0.0045	0.0290	0.0121	0.0045
CB5.4W.....	0.0055	0.0050	0.0045	0.0055	0.0050	0.0045
CB7.2.....	0.0270	0.0067	0.0045	0.0280	0.0124	0.0045
CB7.2E.....	0.0200	0.0067	0.0045	0.0260	0.0100	0.0045
CB7.3E.....	0.0300	0.0119	0.0050	0.0390	0.0164	0.0050
LE3.6.....	0.0550	0.0076	0.0045	0.0055	0.0050	0.0045
LE3.7.....	0.0110	0.0053	0.0045	0.0260	0.0062	0.0045
WE4.1.....	0.0050	0.0050	0.0045	0.0110	0.0056	0.0045
WE4.2.....	0.0250	0.0076	0.0045	0.0540	0.0109	0.0045
WE4.3.....	0.0050	0.0050	0.0045	0.0470	0.0076	0.0045
WE4.4.....	0.0050	0.0050	0.0045	0.0050	0.0050	0.0045
LE5.5.....	0.0630	0.0262	0.0050	0.0400	0.0246	0.0150

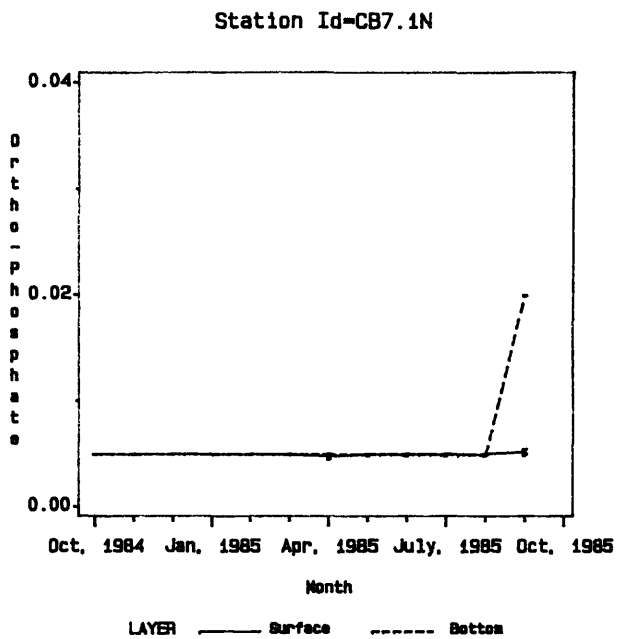

Station Id=CB5.3
Station Id=CB5.4
Station Id=CB5.5
0.04
0.02
0.00
Ortho-phosphate
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

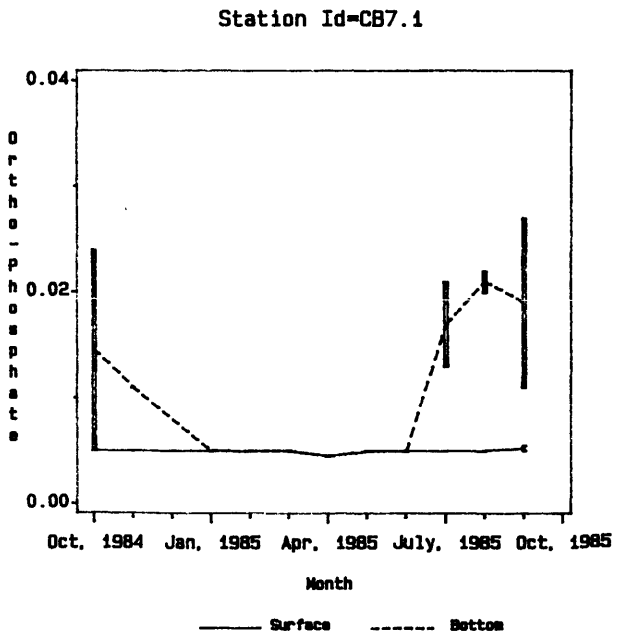

Station Id=CB6.1
Station Id=CB6.2
Station Id=CB6.3
0.04
0.02
0.00
Ortho-phosphate
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

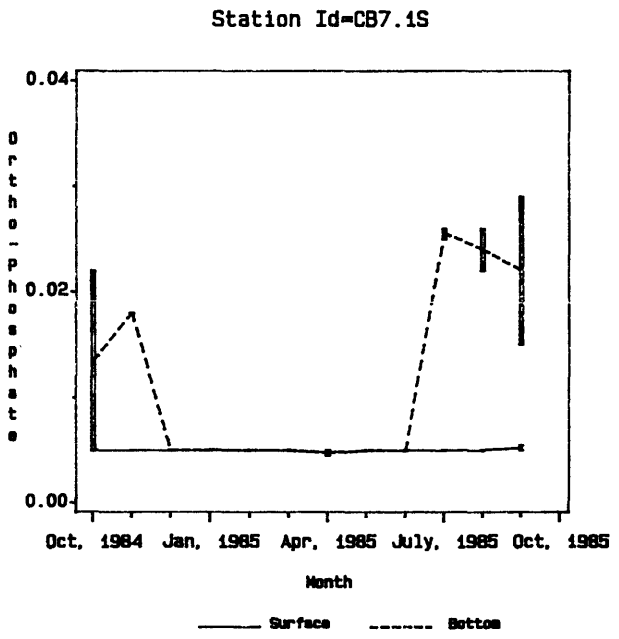

Station Id=CB6.4
Station Id=CB7.3
Station Id=CB7.4
Station Id=CB7.4N
Station Id=CB8.1E
Station Id=CB8.1
Ortho-Phosphate
0.08
0.06
0.04
0.02
0.00
0.04
0.02
0.00
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

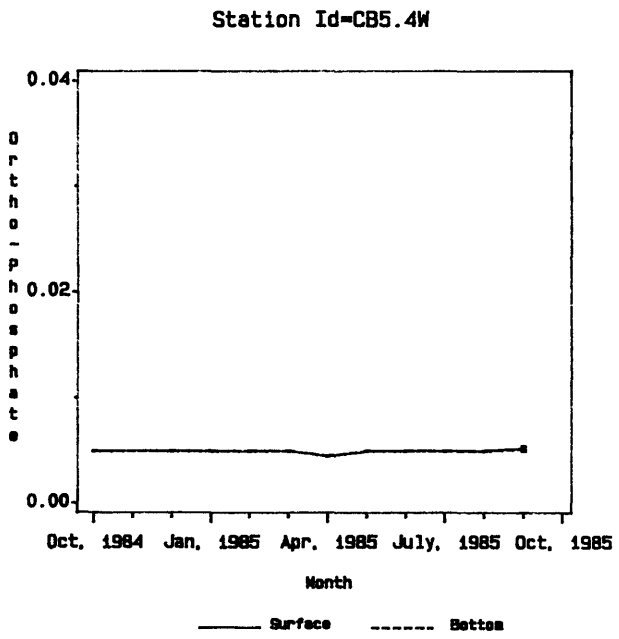

Station Id=EE3.1
Ortho-Phosphate
0.04
0.02
0.00
Oct, 1984 Jan, 1985 Apr, 1985 July, 1985 Oct, 1985
Month
LAYER Surface Bottom


Station Id=EE3.2
Ortho-Phosphate
0.04
0.02
0.00
Oct, 1984 Jan, 1985 Apr, 1985 July, 1985 Oct, 1985
Month
LAYER Surface Bottom

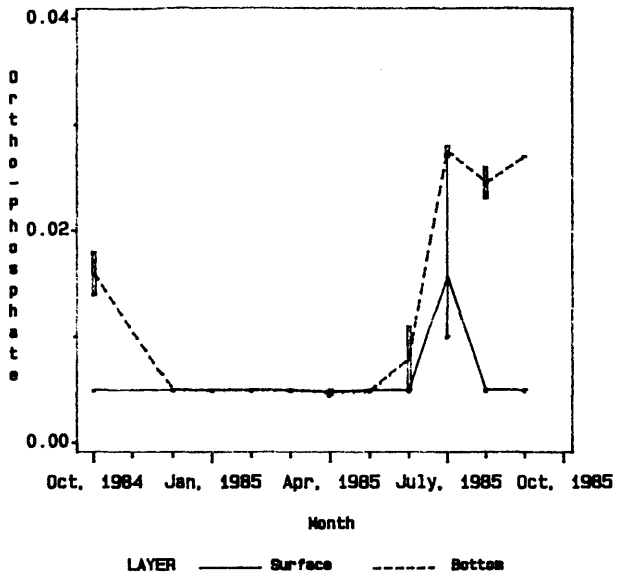

Station Id=CB7.1N
Ortho-Phosphate
0.04
0.02
0.00
Oct, 1984 Jan, 1985 Apr, 1985 July, 1985 Oct, 1985
Month
LAYER Surface Bottom


Station Id=CB7.1
Ortho-Phosphate
0.04
0.02
0.00
Oct, 1984 Jan, 1985 Apr, 1985 July, 1985 Oct, 1985
Month
Surface Bottom

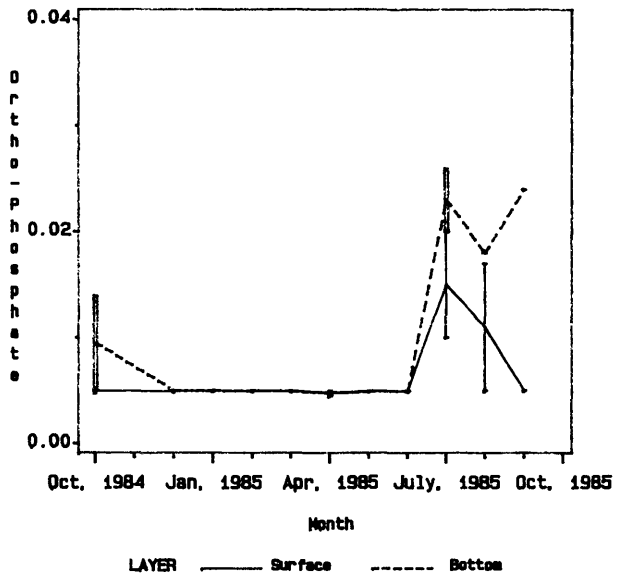

Station Id=CB7.1S
Ortho-Phosphate
0.04
0.02
0.00
Oct, 1984 Jan, 1985 Apr, 1985 July, 1985 Oct, 1985
Month
Surface Bottom


Station Id=CB5.4W
Ortho-Phosphate
0.04
0.02
0.00
Oct, 1984 Jan, 1985 Apr, 1985 July, 1985 Oct, 1985
Month
Surface Bottom

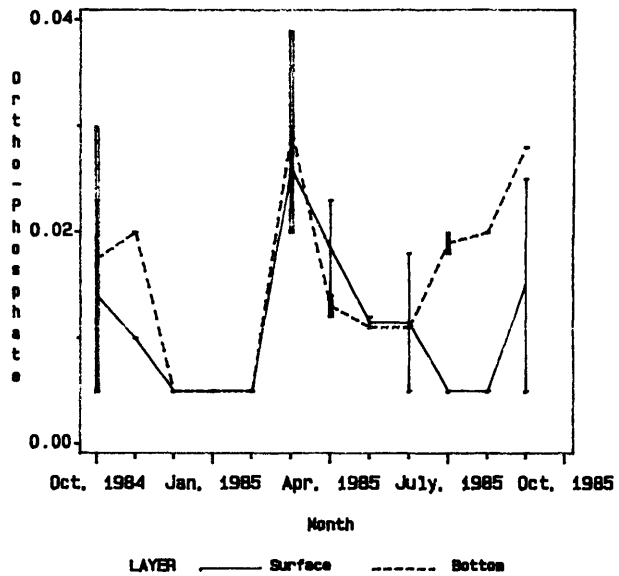
Station Id=CB7.2



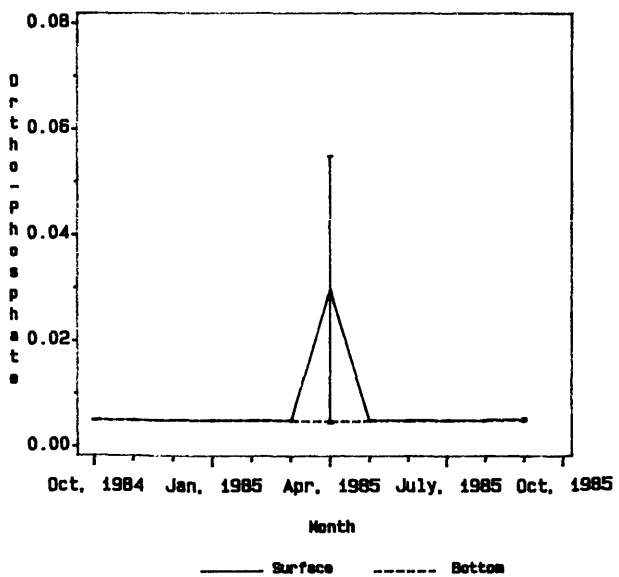
Station Id=CB7.2E



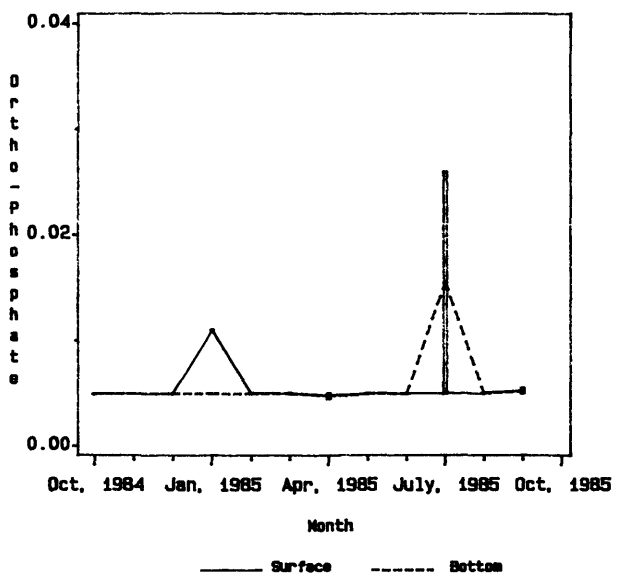
Station Id=CB7.3E



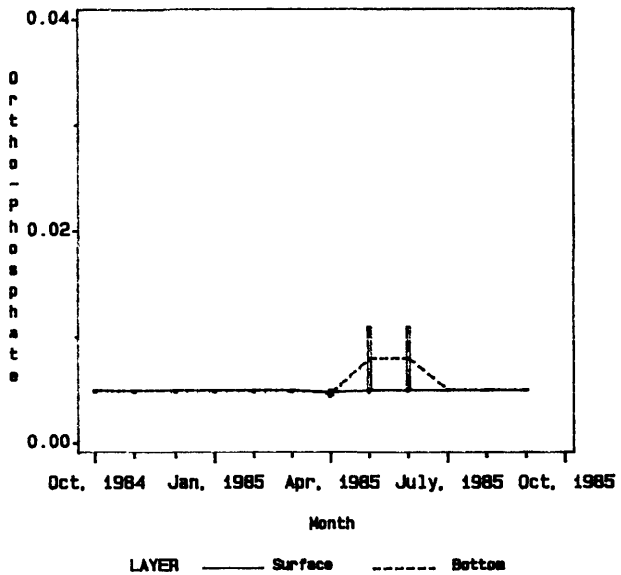
Station Id=LE3.6



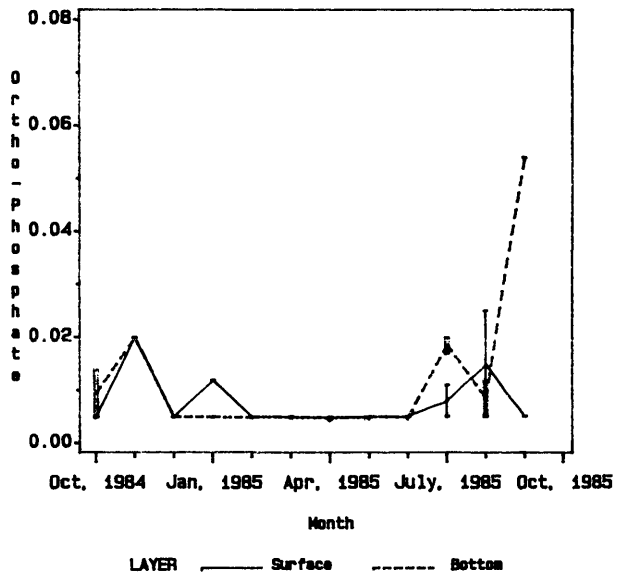
Station Id=LE3.7



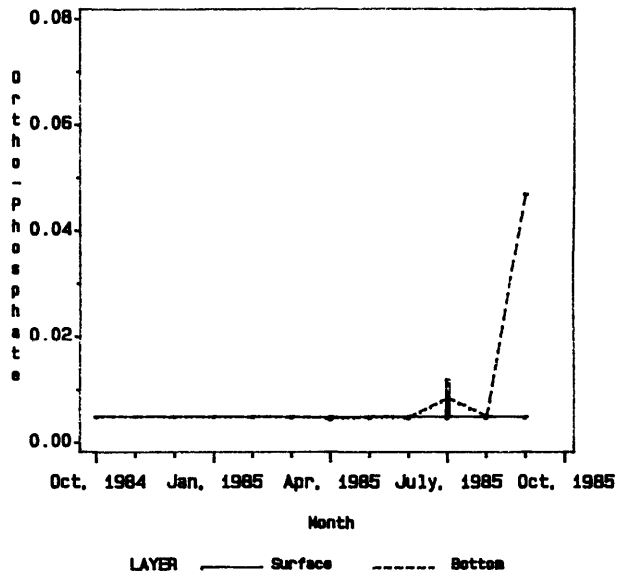
Station Id=WE4.1



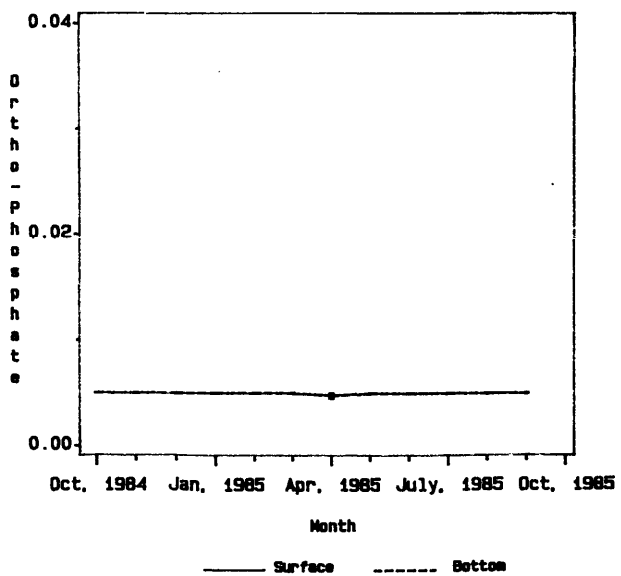
Station Id=WE4.2



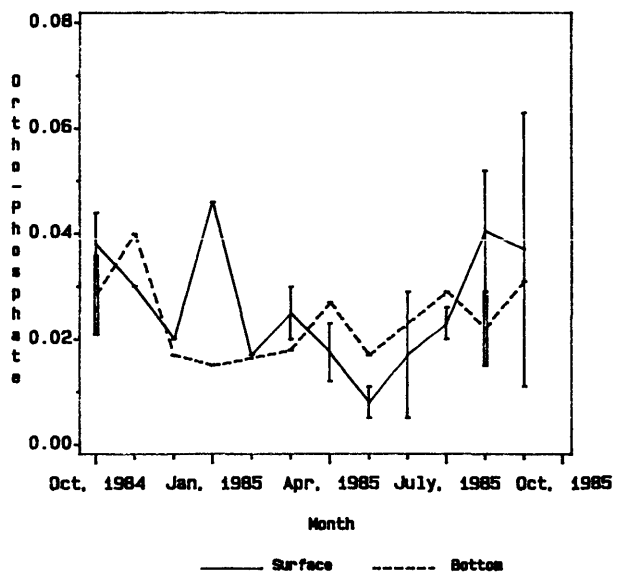
Station Id=WE4.3



Station Id=WE4.4



Station Id=LE5.5



TOTAL NITROGEN

Total Nitrogen is the sum of

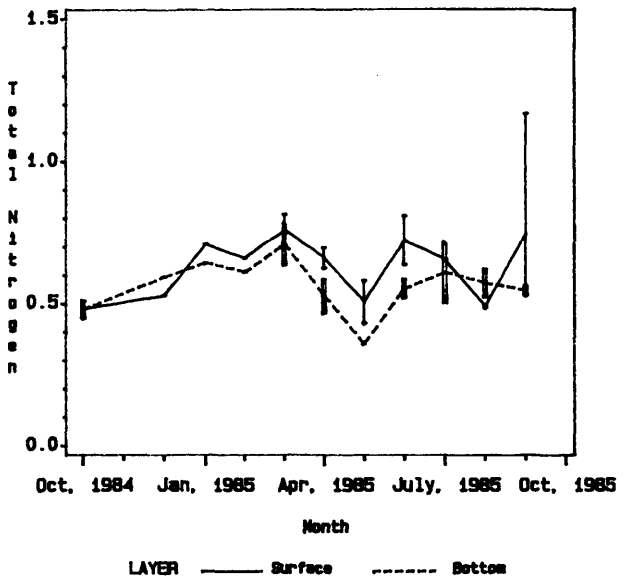
Total Kjeldahl Nitrogen and Nitrate+Nitrite Nitrogen.

Values reported as mg/l.

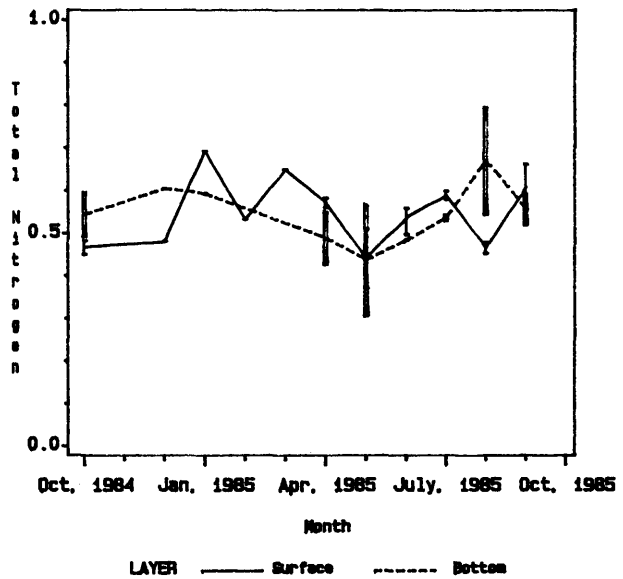
Total Nitrogen
October, 1984 - September, 1985

	Total Nitrogen					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	1.1660	0.6318	0.4290	0.7810	0.5657	0.3570
CB5.4.....	0.6920	0.5391	0.3700	0.7960	0.5431	0.3050
CB5.5.....	0.7540	0.5277	0.4100	0.7180	0.5325	0.2860
CB6.1.....	0.6350	0.5146	0.3430	0.6440	0.5038	0.3430
CB6.2.....	0.6730	0.4974	0.2710	0.6550	0.4830	0.3460
CB6.3.....	0.6290	0.4945	0.3540	0.6900	0.5033	0.3410
CB6.4.....	0.8555	0.4476	0.2255	0.8355	0.4660	0.3255
CB7.3.....	0.7555	0.4249	0.2355	0.6455	0.4251	0.2555
CB7.4.....	1.0255	0.4007	0.2355	0.5855	0.3897	0.2020
CB7.4N.....	0.7955	0.4023	0.2355	0.7355	0.4183	0.2070
CB8.1E.....	0.7555	0.4524	0.2555	0.6555	0.4122	0.2555
CB8.1.....	0.6855	0.4568	0.2255	0.7055	0.4307	0.2965
EE3.1.....	0.8270	0.6192	0.4640	0.8540	0.6361	0.4250
EE3.2.....	0.6980	0.5390	0.3710	1.3480	0.6778	0.3970
CB7.1N.....	0.7000	0.5289	0.4170	0.8960	0.6337	0.4080
CB7.1.....	0.6810	0.5037	0.3300	1.0420	0.5918	0.3020
CB7.1S.....	0.6550	0.4841	0.3300	0.6060	0.4592	0.2940
CB5.4W.....	0.8330	0.6400	0.4740	0.8850	0.6356	0.5200
CB7.2.....	0.6820	0.4715	0.3880	0.5900	0.4299	0.2680
CB7.2E.....	0.5580	0.4326	0.3250	0.5710	0.4431	0.3350
CB7.3E.....	0.7755	0.4241	0.1855	0.5855	0.3959	0.2280
LE3.6.....	0.7720	0.5293	0.1570	1.0720	0.5672	0.1380
LE3.7.....	0.6840	0.5201	0.3890	1.0480	0.5639	0.3810
WE4.1.....	0.5900	0.4702	0.3610	0.6660	0.4835	0.3590
WE4.2.....	0.5790	0.4454	0.2990	0.6850	0.5301	0.4130
WE4.3.....	0.8120	0.4611	0.3150	0.7820	0.4828	0.3430
WE4.4.....	0.7760	0.4717	0.3580	0.7620	0.4845	0.3430
LE5.5.....	0.7980	0.5336	0.2570	0.7660	0.4906	0.3370

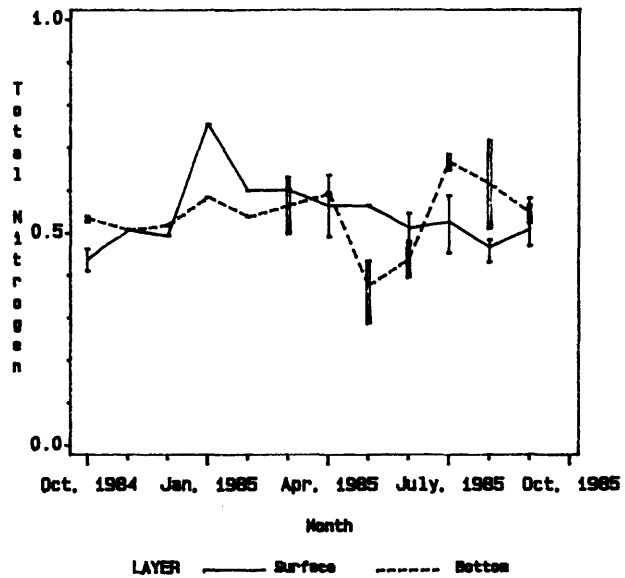
Station Id=CB5.3



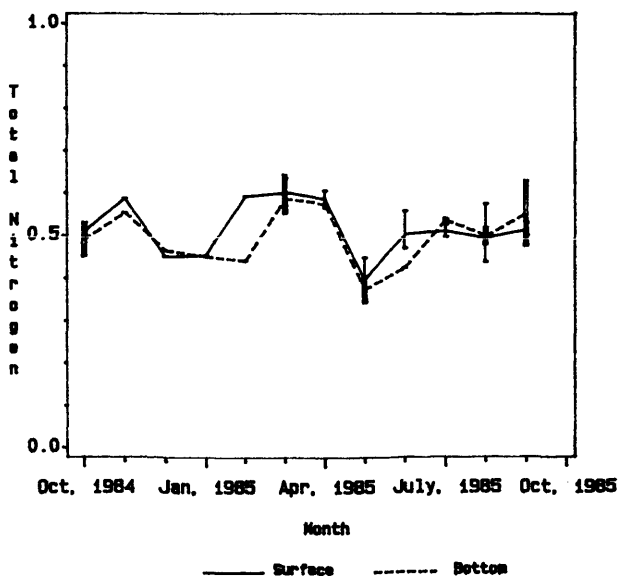
Station Id=CB5.4



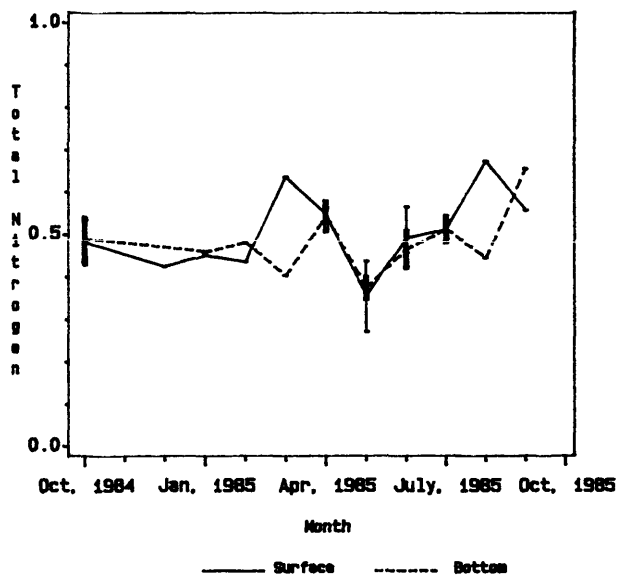
Station Id=CB5.5



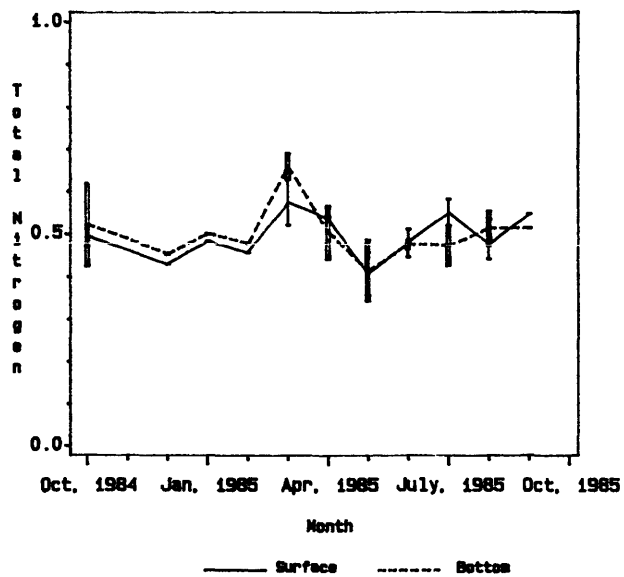
Station Id=CB6.1



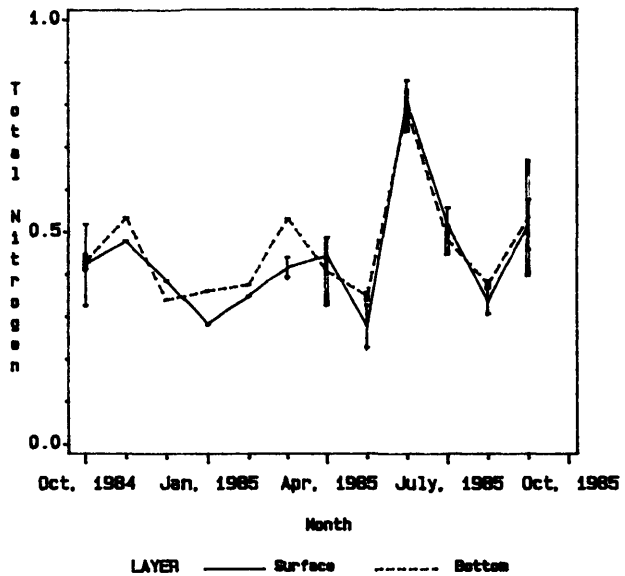
Station Id=CB6.2



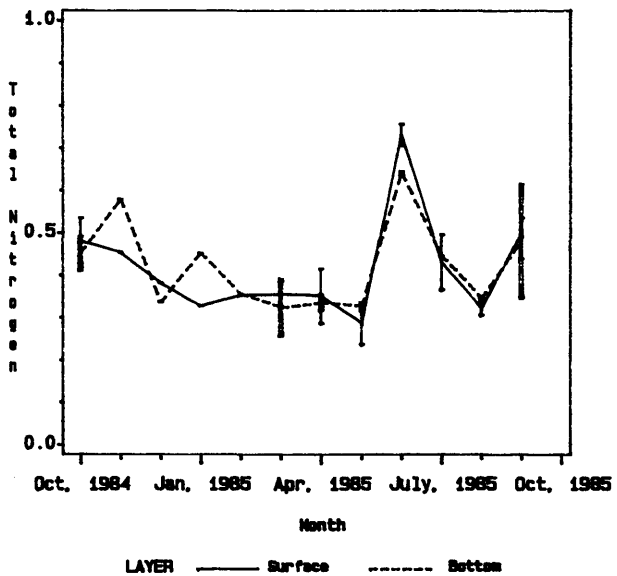
Station Id=CB6.3



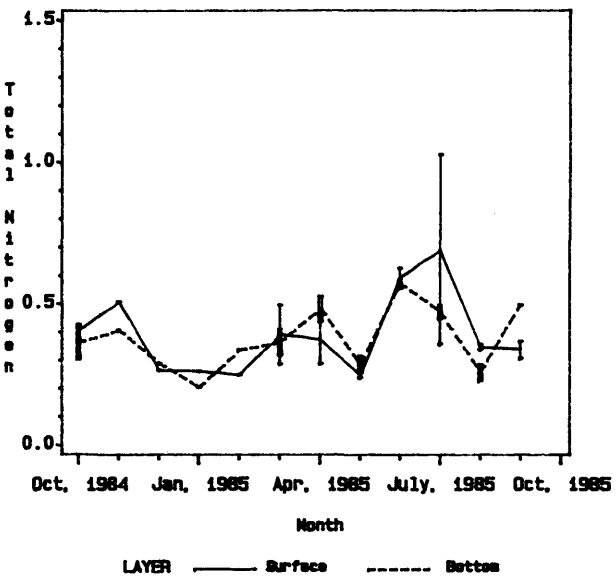
Station Id=CB6.4



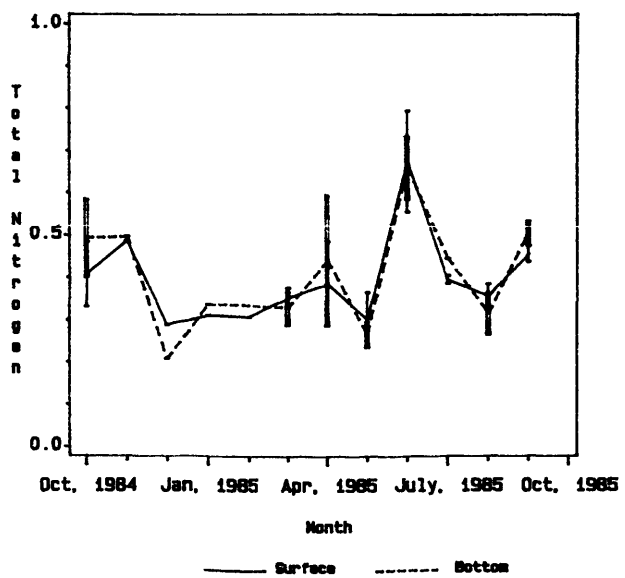
Station Id=CB7.3



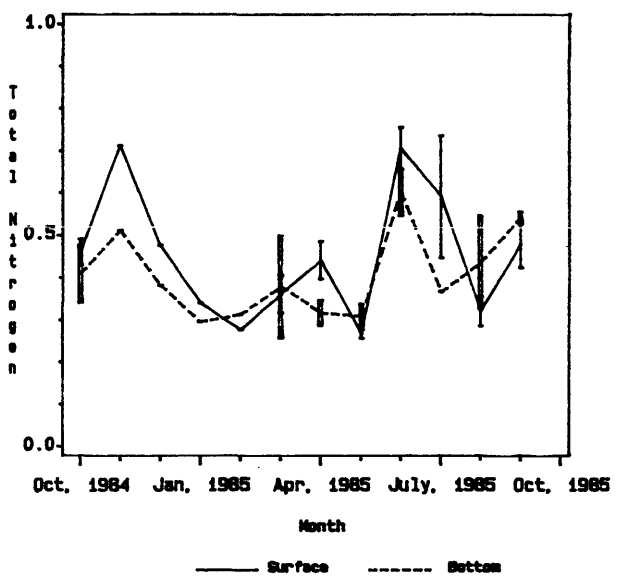
Station Id=CB7.4



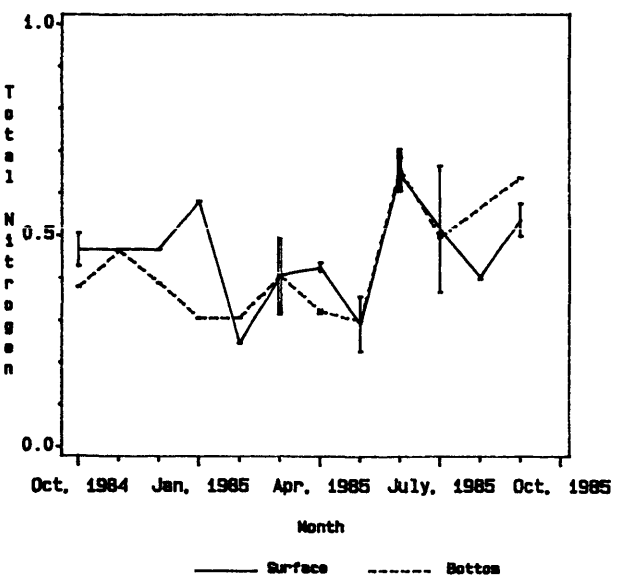
Station Id=CB7.4N



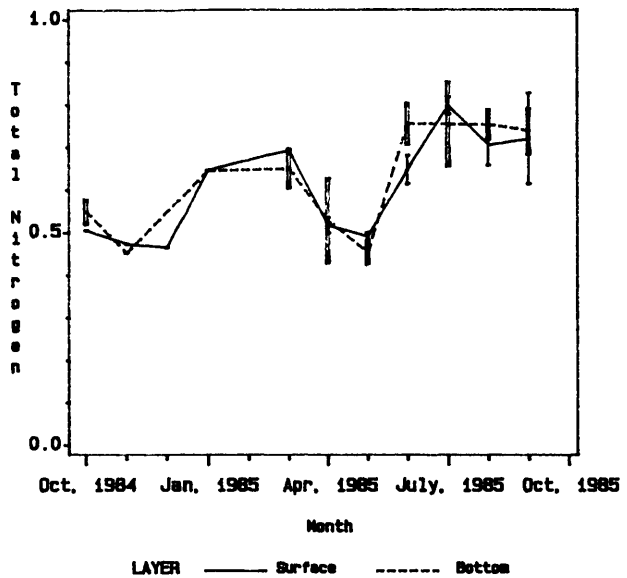
Station Id=CB8.1E



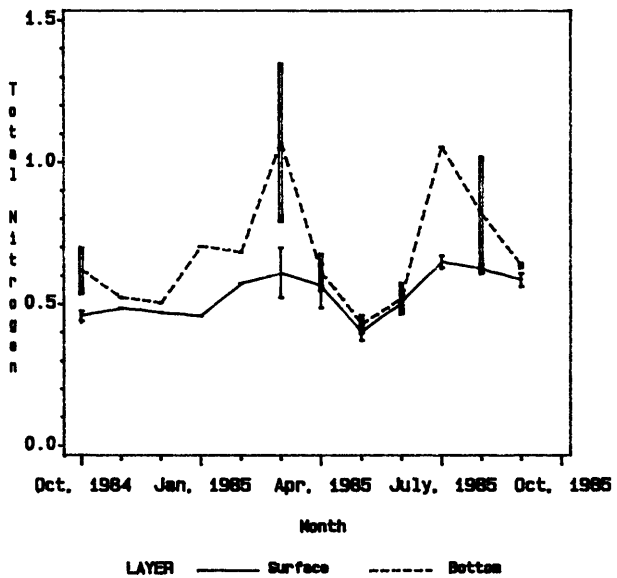
Station Id=CB8.1



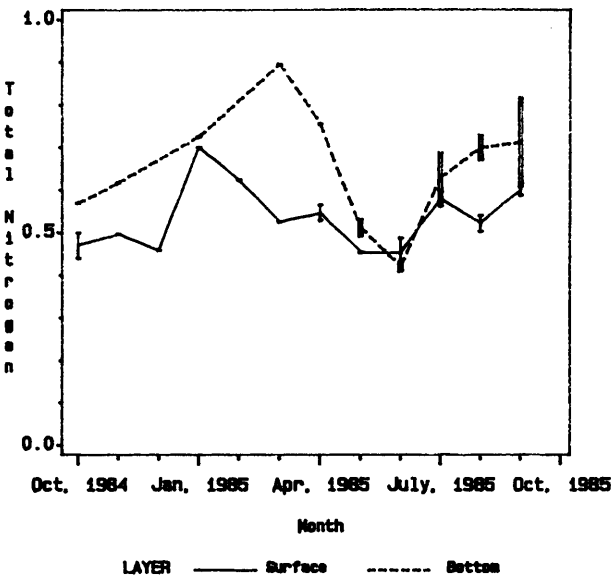
Station Id=EE3.1



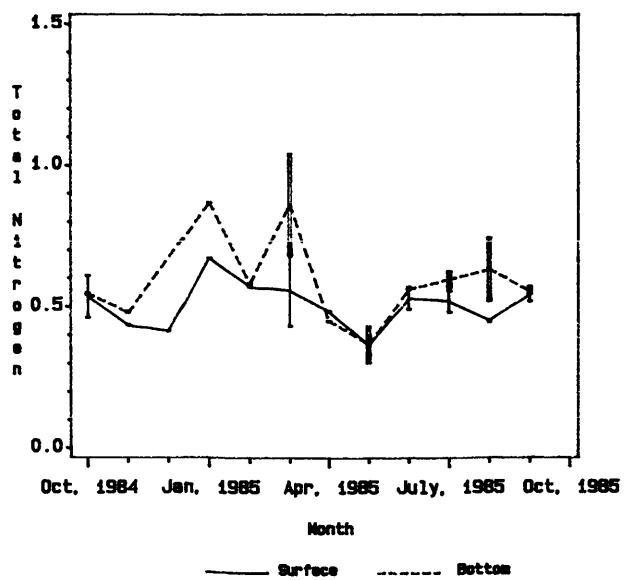
Station Id=EE3.2



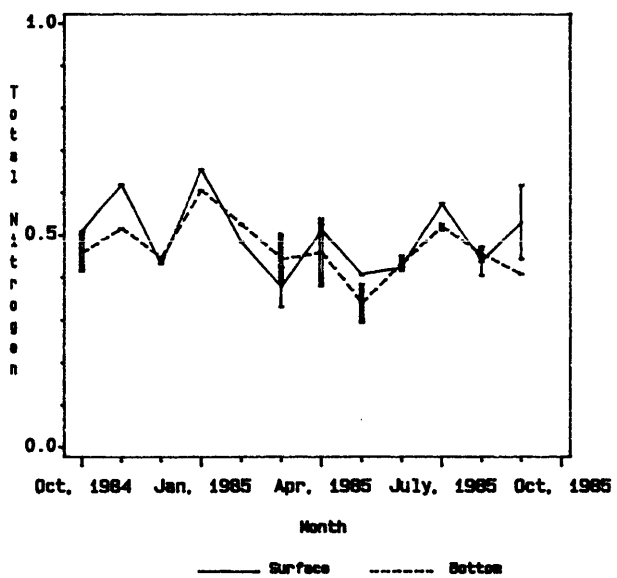
Station Id=CB7.1N



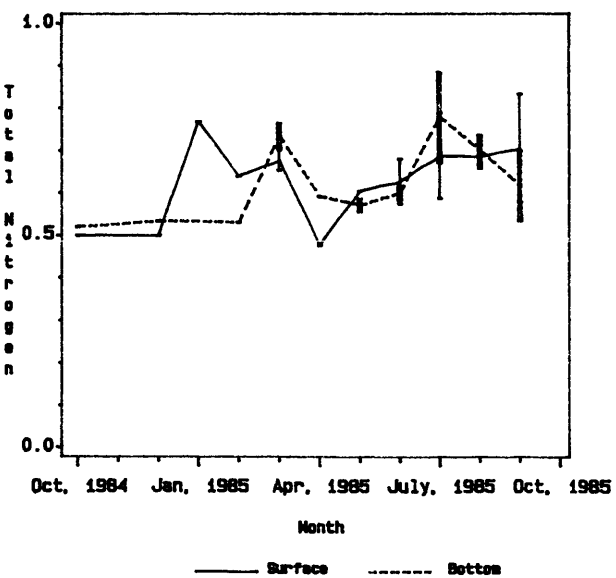
Station Id=CB7.1



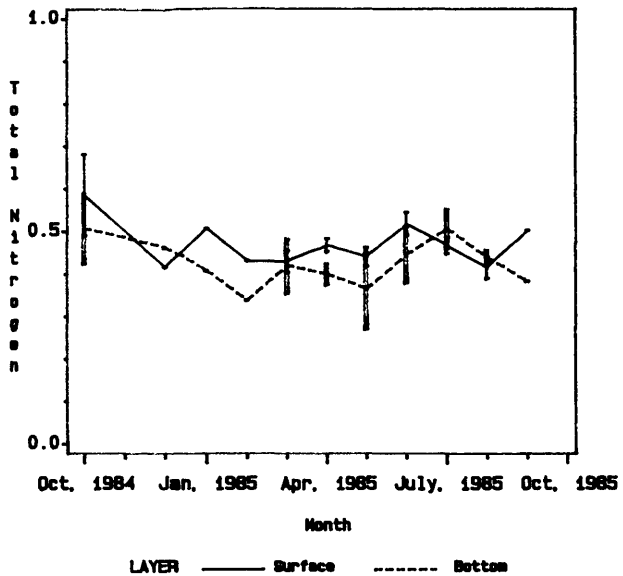
Station Id=CB7.1S



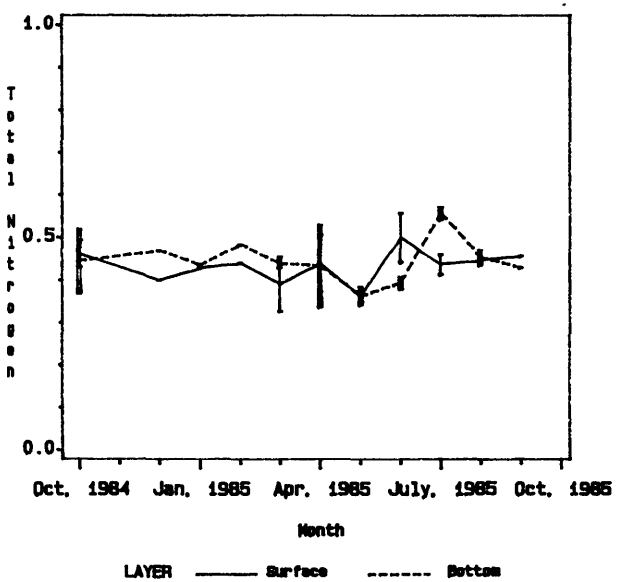
Station Id=CB5.4W



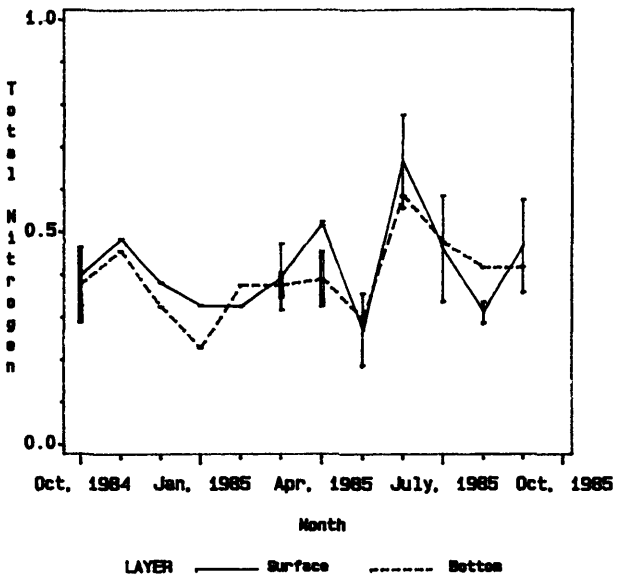
Station Id=CB7.2



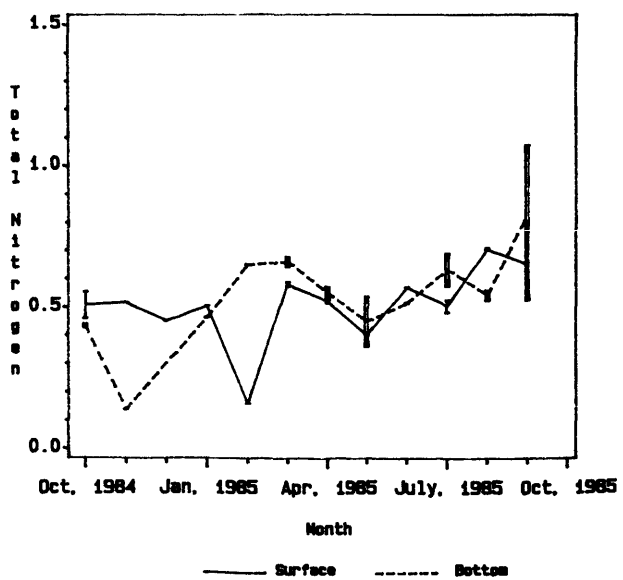
Station Id=CB7.2E



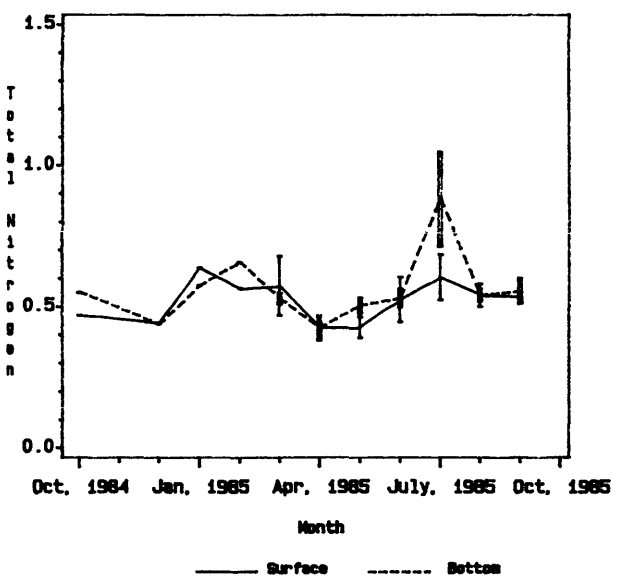
Station Id=CB7.3E



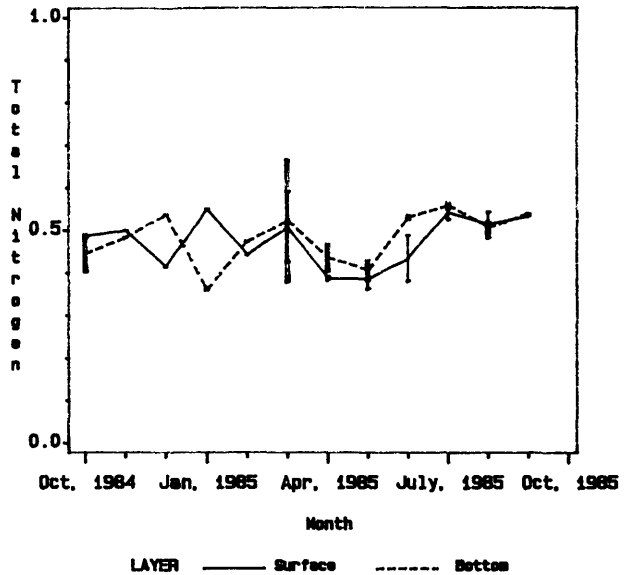
Station Id=LE3.6



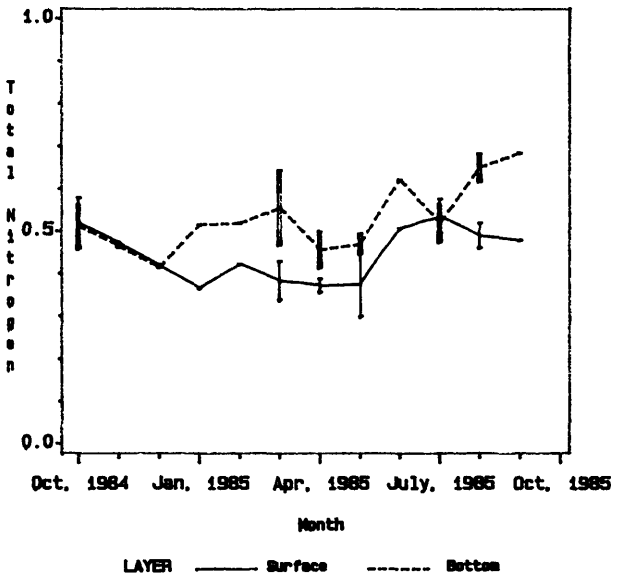
Station Id=LE3.7



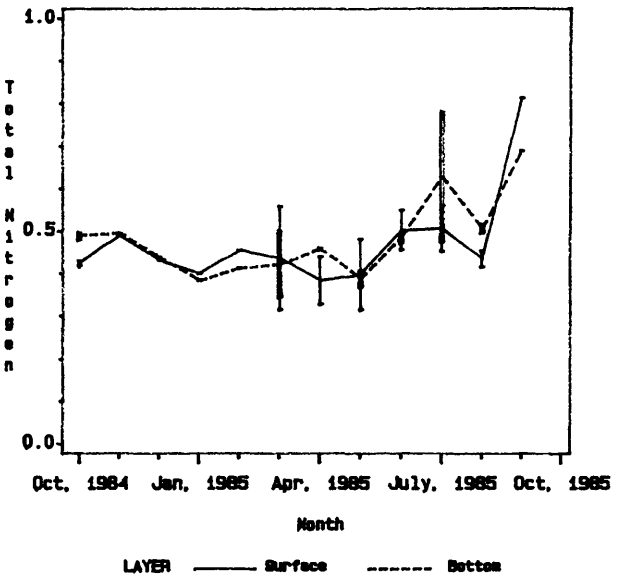
Station Id=WE4.1



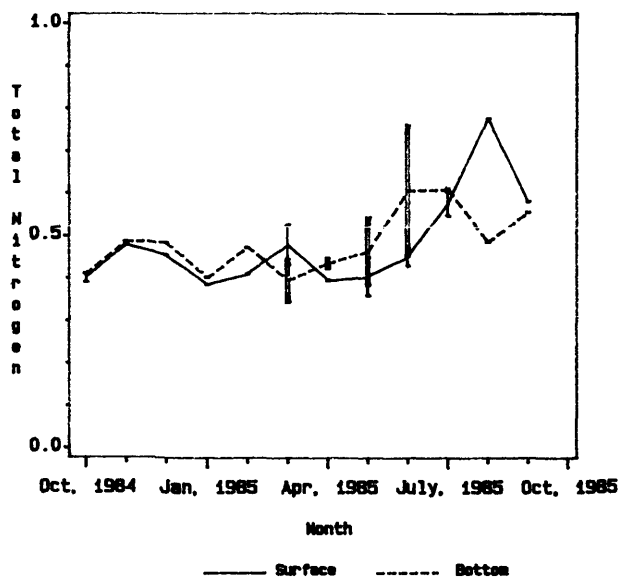
Station Id=WE4.2



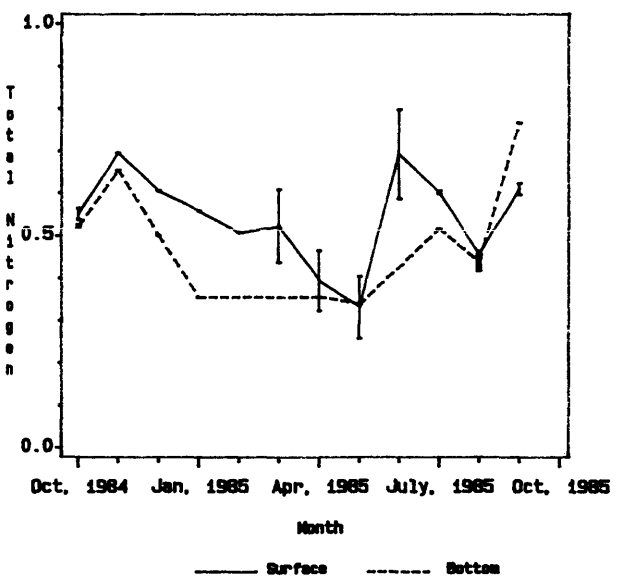
Station Id=WE4.3



Station Id=WE4.4



Station Id=LE5.5



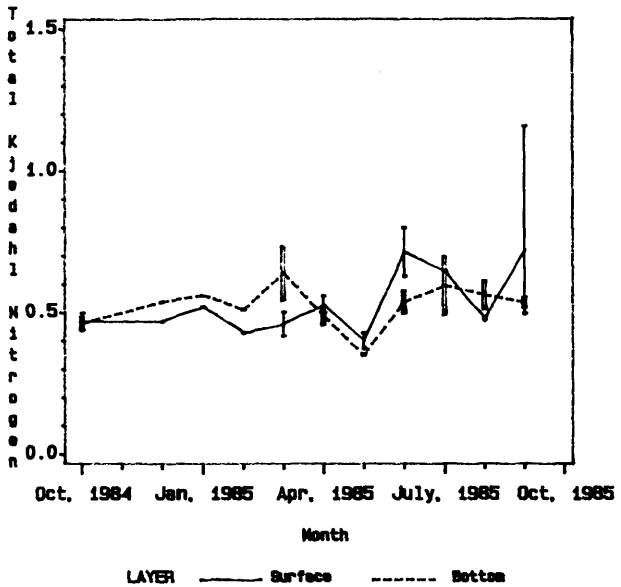
TOTAL KJELDAHL NITROGEN

Values reported as mg/l.

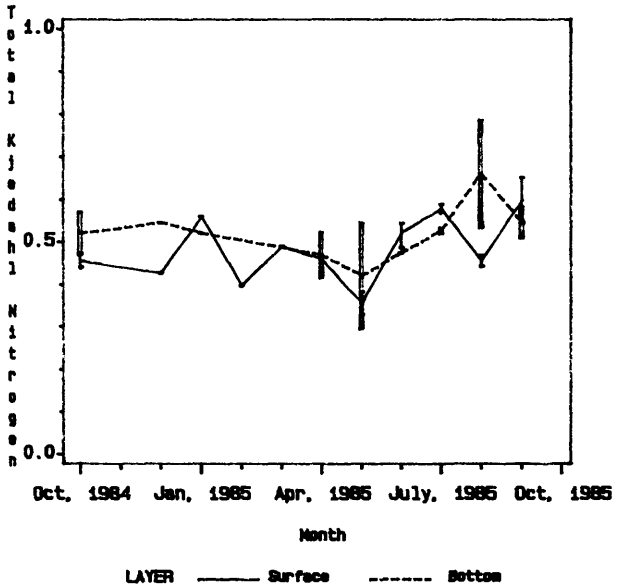
Total Kjeldahl Nitrogen
October, 1984 - September, 1985

	Total Kjeldahl Nitrogen					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	1.1560	0.5425	0.3720	0.7320	0.5319	0.3470
CB5.4.....	0.6520	0.4864	0.3280	0.7860	0.5217	0.2950
CB5.5.....	0.6400	0.4743	0.3310	0.7080	0.5023	0.2760
CB6.1.....	0.5650	0.4669	0.3330	0.6040	0.4694	0.3330
CB6.2.....	0.6630	0.4592	0.2610	0.6300	0.4603	0.3360
CB6.3.....	0.5900	0.4644	0.3440	0.6500	0.4812	0.3310
CB6.4.....	0.8500	0.4305	0.2200	0.8300	0.4489	0.2900
CB7.3.....	0.7500	0.4095	0.2300	0.6400	0.4100	0.2500
CB7.4.....	1.0200	0.3875	0.2200	0.5800	0.3785	0.1800
CB7.4N.....	0.7900	0.3900	0.2300	0.7300	0.4037	0.2000
CB8.1E.....	0.7500	0.4275	0.2200	0.6500	0.3979	0.2500
CB8.1.....	0.6800	0.4335	0.2200	0.7000	0.4121	0.2200
EE3.1.....	0.8170	0.5913	0.4210	0.8440	0.6161	0.4070
EE3.2.....	0.6880	0.5144	0.3610	1.3030	0.6513	0.3870
CB7.1N.....	0.6060	0.4842	0.3970	0.8190	0.6055	0.3980
CB7.1.....	0.6070	0.4704	0.3200	1.0150	0.5583	0.2920
CB7.1S.....	0.6080	0.4507	0.2380	0.5300	0.4389	0.2840
CB5.4W.....	0.8230	0.5788	0.4150	0.8750	0.5810	0.3580
CB7.2.....	0.6720	0.4423	0.3450	0.5800	0.4148	0.2580
CB7.2E.....	0.5480	0.4126	0.2960	0.5610	0.4244	0.3250
CB7.3E.....	0.7700	0.4085	0.1800	0.5800	0.3794	0.1800
LE3.6.....	0.7620	0.4845	0.0500	1.0620	0.5292	0.1000
LE3.7.....	0.6740	0.4934	0.3790	1.0380	0.5369	0.3710
WE4.1.....	0.5700	0.4535	0.3510	0.6560	0.4697	0.3000
WE4.2.....	0.5690	0.4247	0.2890	0.6750	0.5134	0.4030
WE4.3.....	0.8020	0.4471	0.3050	0.7450	0.4650	0.3200
WE4.4.....	0.7660	0.4552	0.3400	0.7520	0.4692	0.3330
LE5.5.....	0.7300	0.4875	0.2500	0.7600	0.4492	0.2600

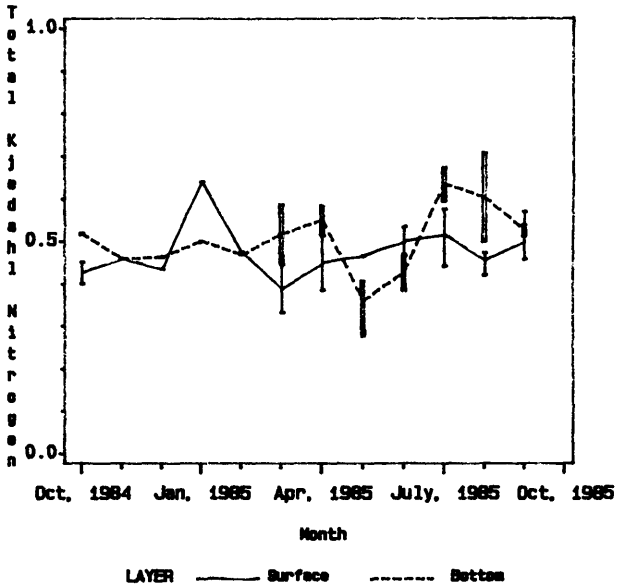
Station Id=CB5.3



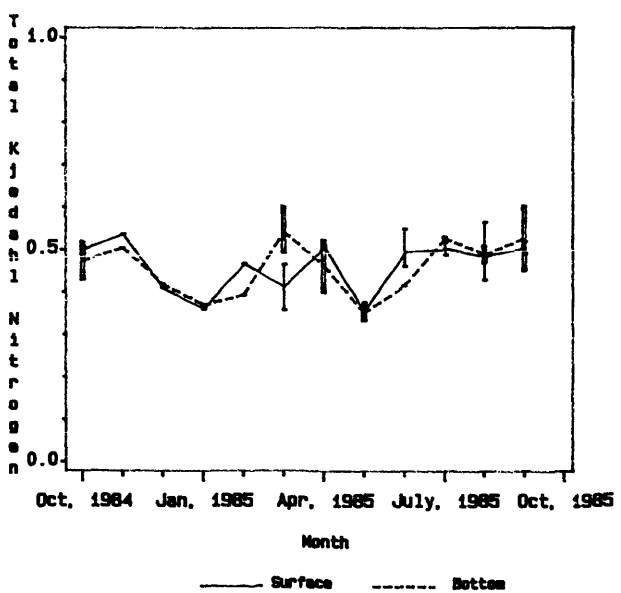
Station Id=CB5.4



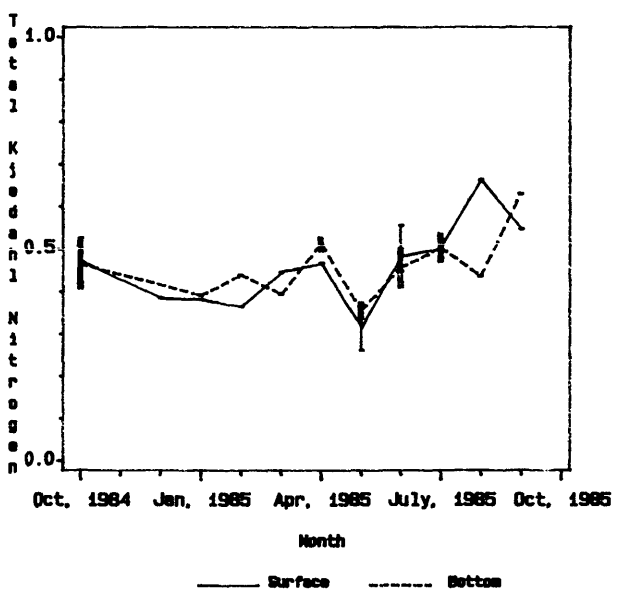
Station Id=CB5.5



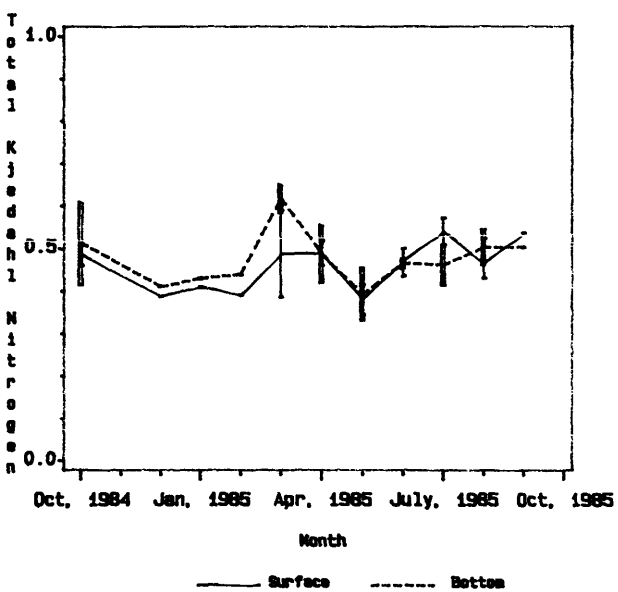
Station Id=CB6.1



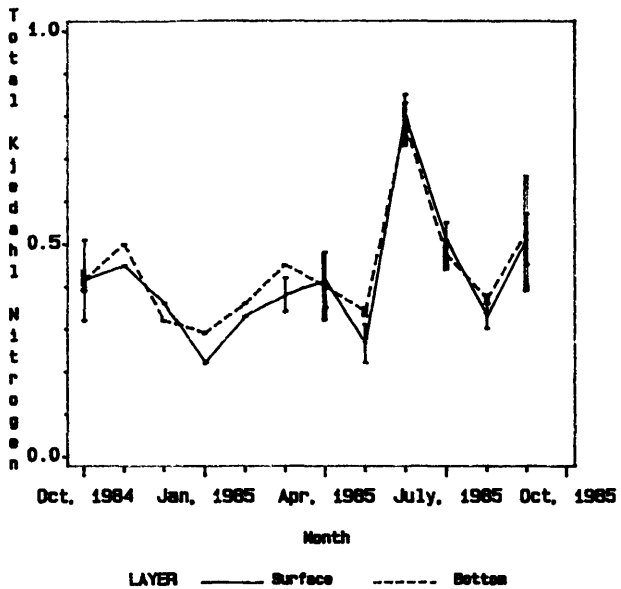
Station Id=CB6.2



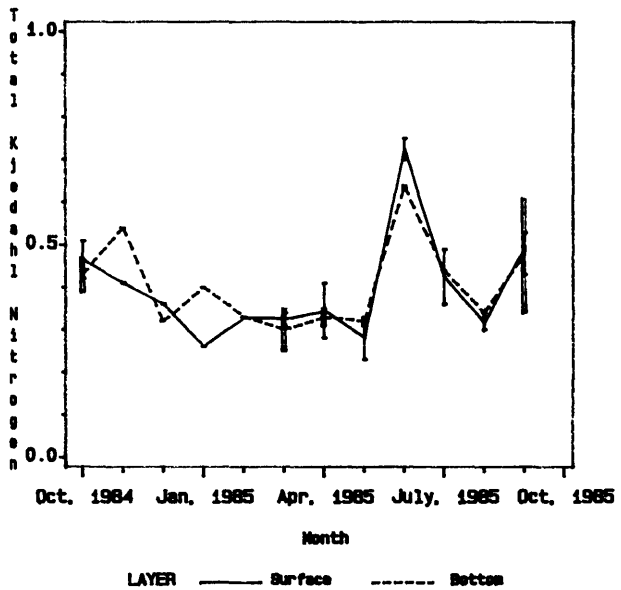
Station Id=CB6.3



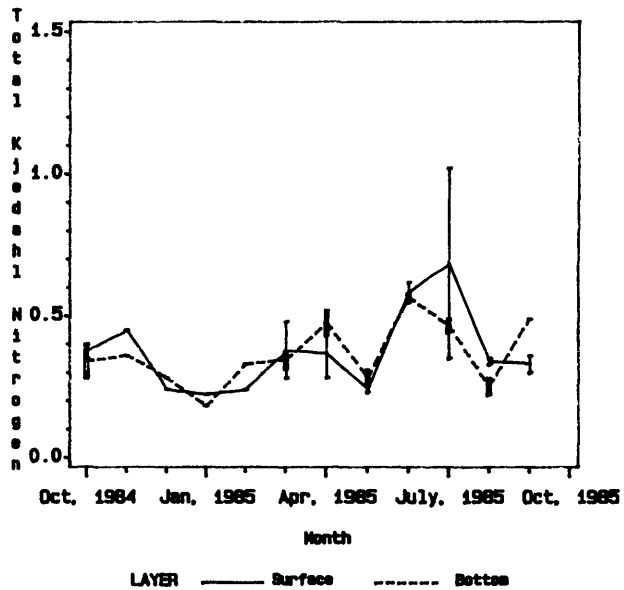
Station Id=CB6.4



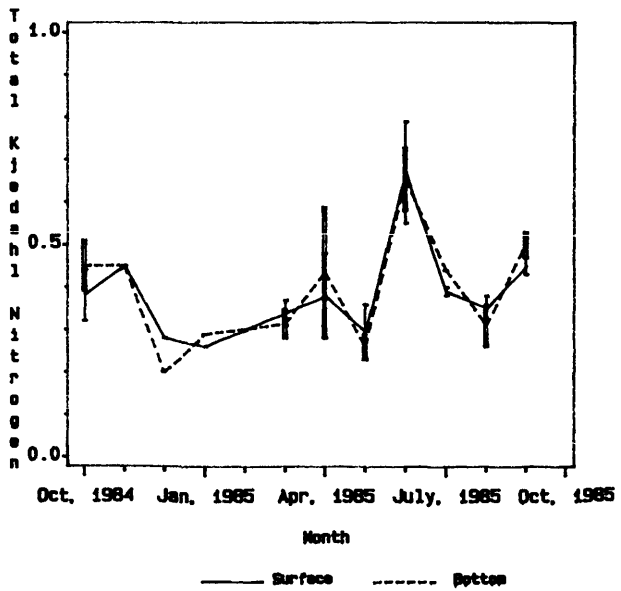
Station Id=CB7.3



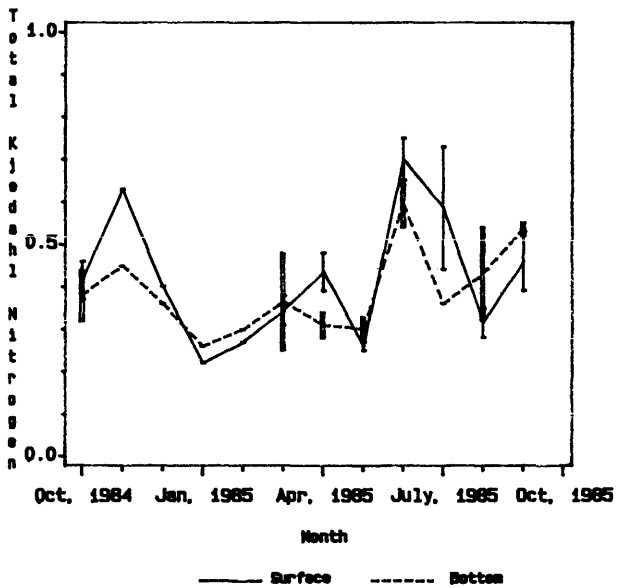
Station Id=CB7.4



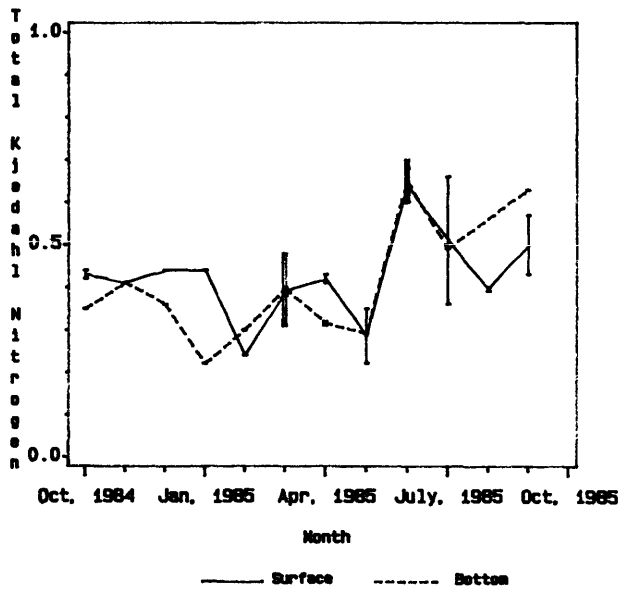
Station Id=CB7.4N



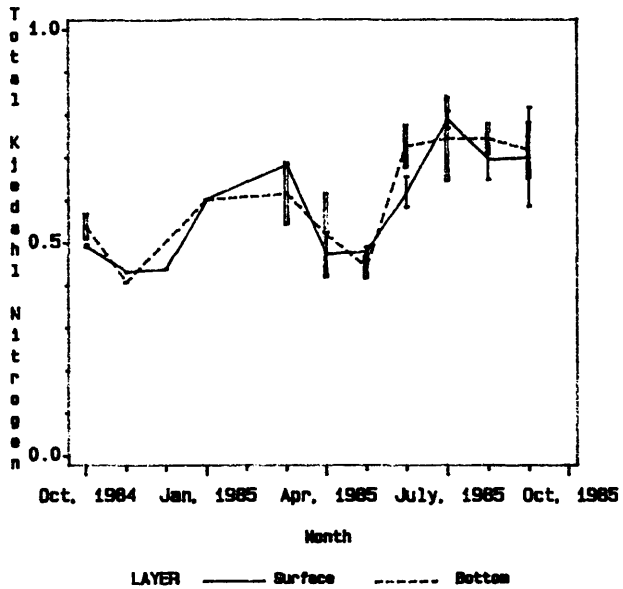
Station Id=CB8.1E



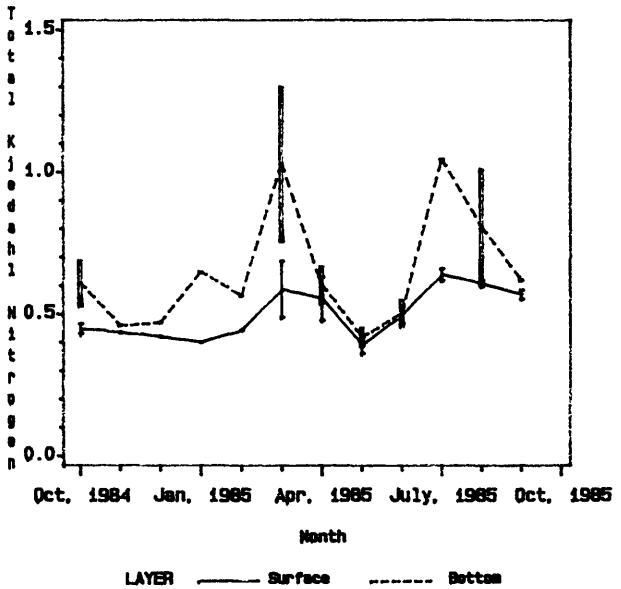
Station Id=CB8.1



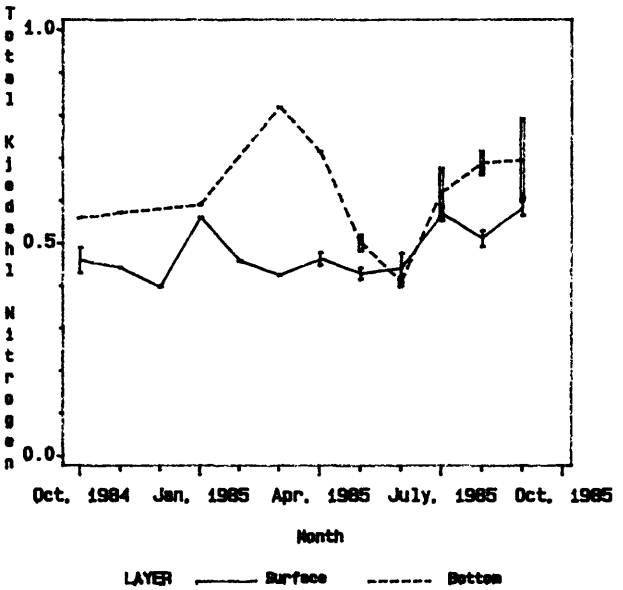
Station Id=EE3.1



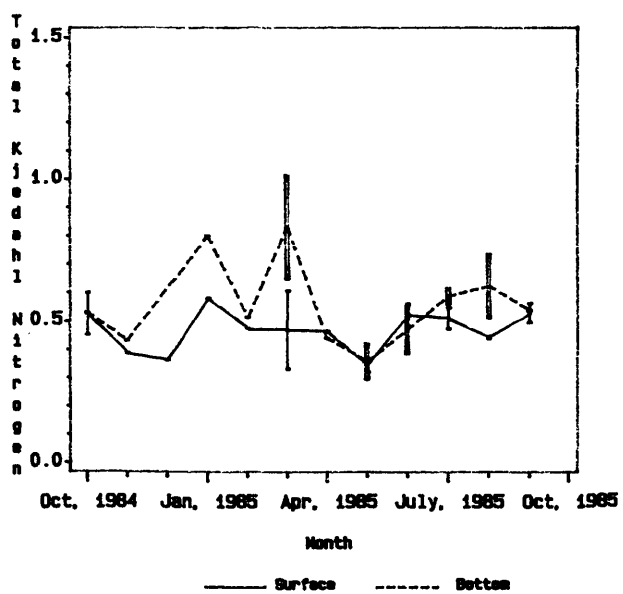
Station Id=EE3.2



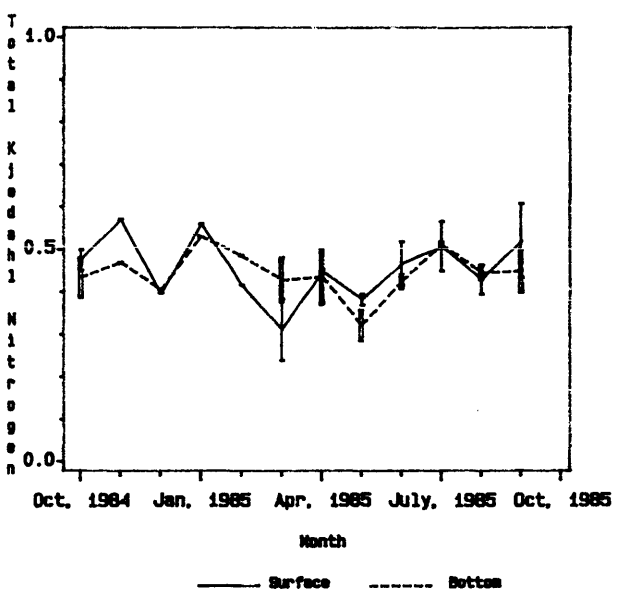
Station Id=CB7.1N



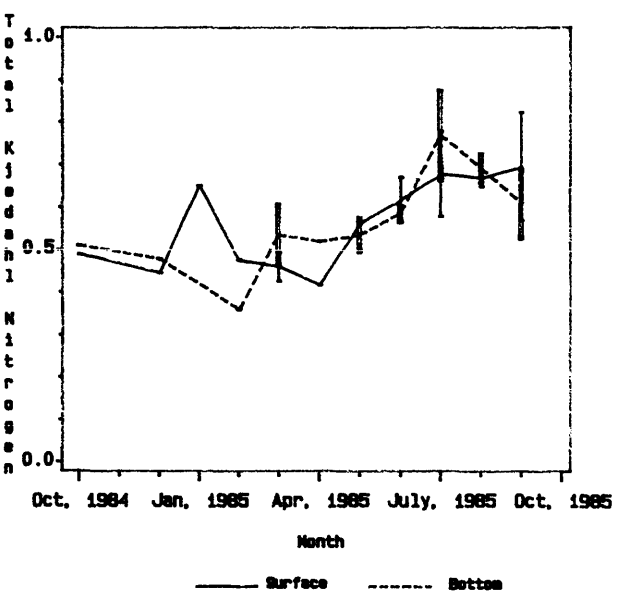
Station Id=CB7.1



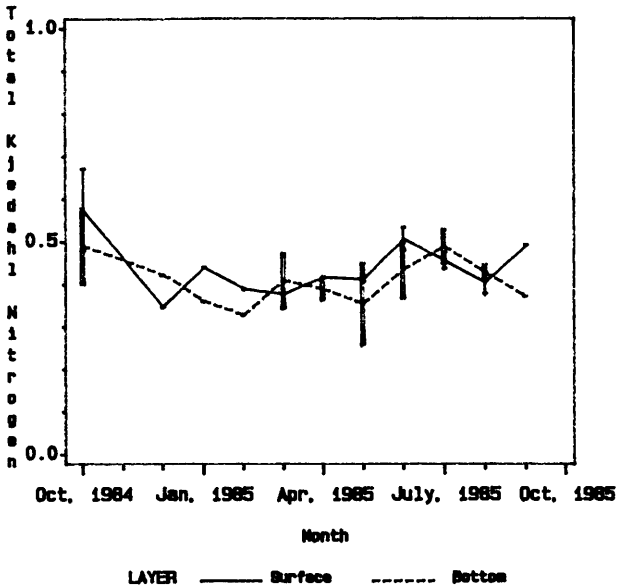
Station Id=CB7.1S



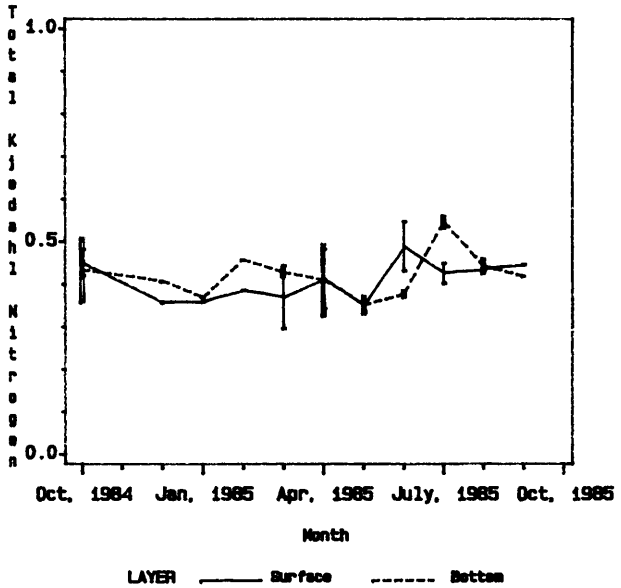
Station Id=CB5.4W



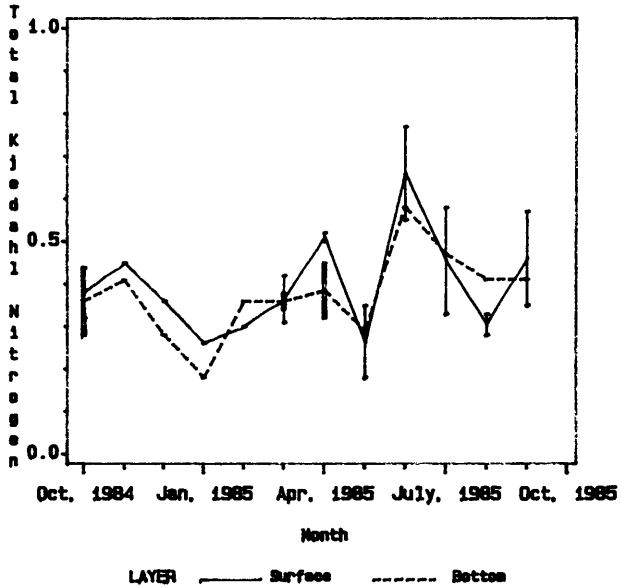
Station Id=CB7.2



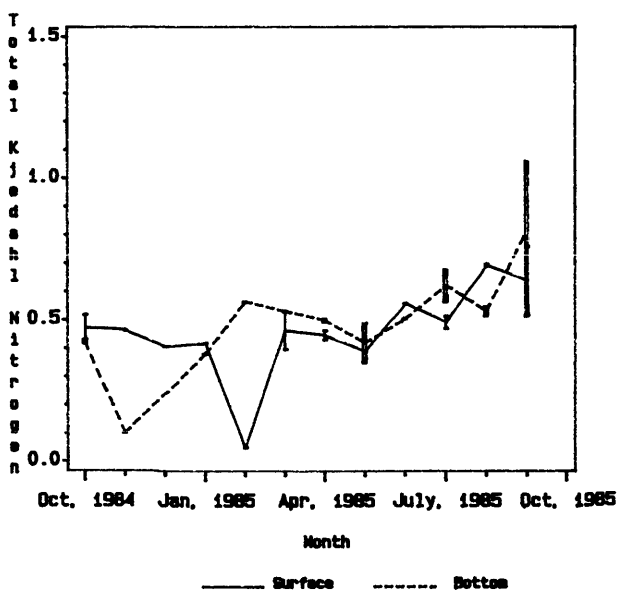
Station Id=CB7.2E



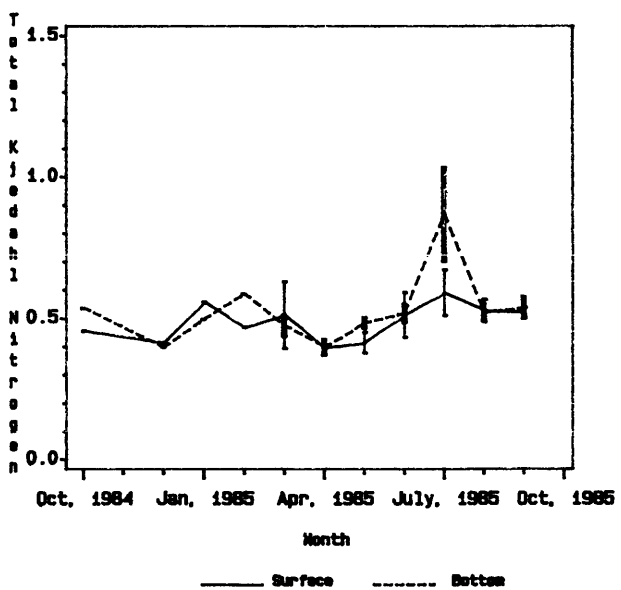
Station Id=CB7.3E



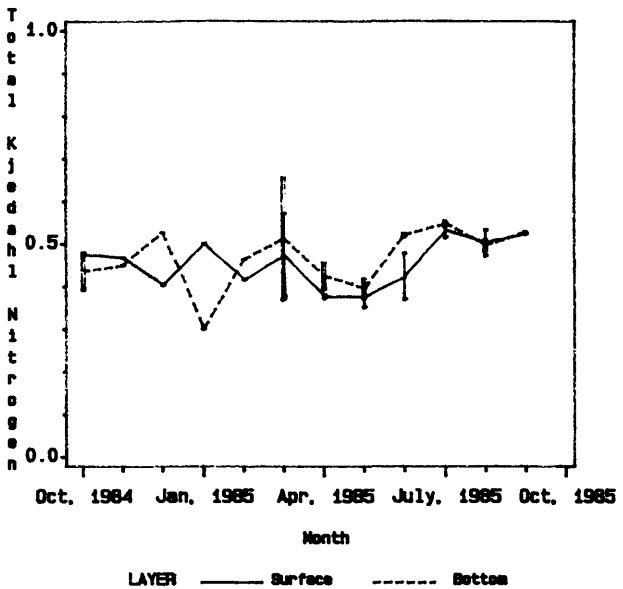
Station Id=LE3.6



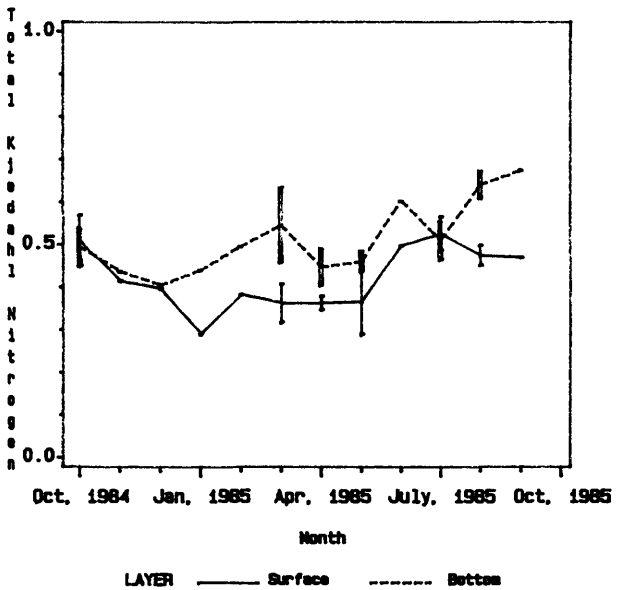
Station Id=LE3.7



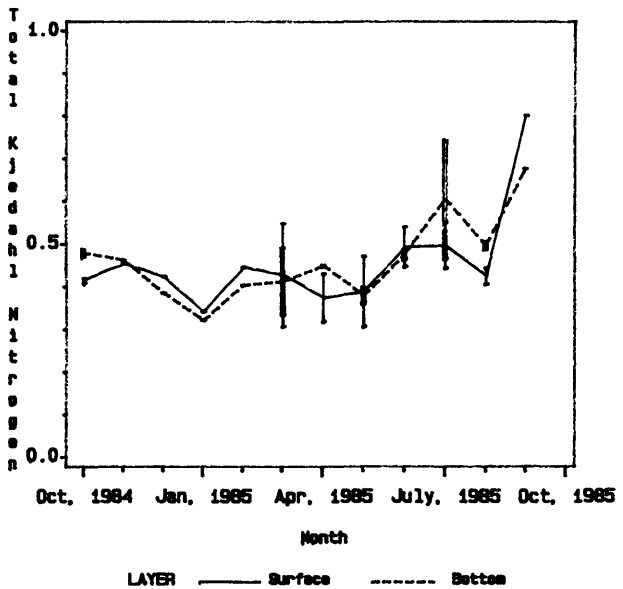
Station Id=WE4.1



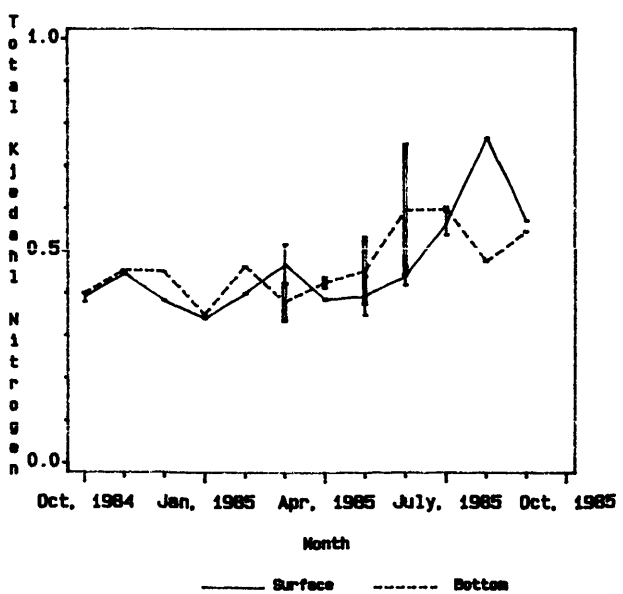
Station Id=WE4.2



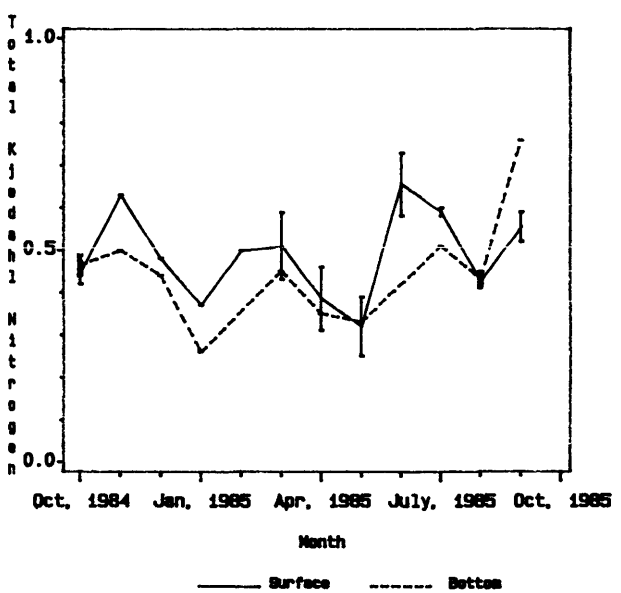
Station Id=WE4.3



Station Id=WE4.4



Station Id=LE5.5

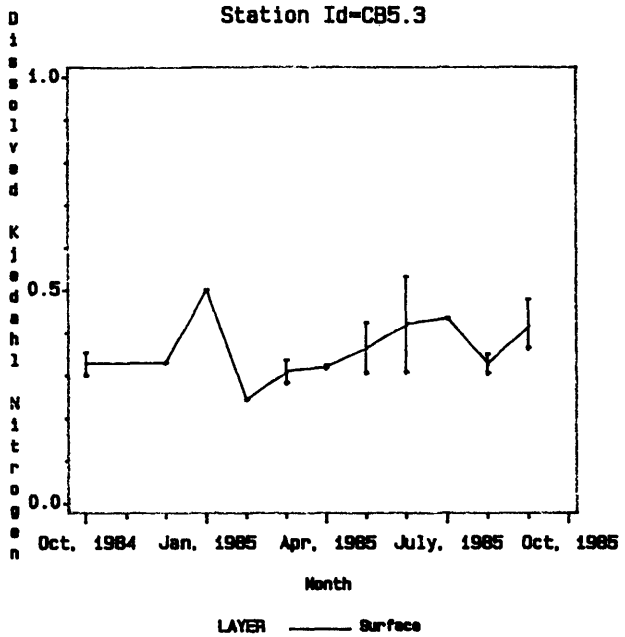


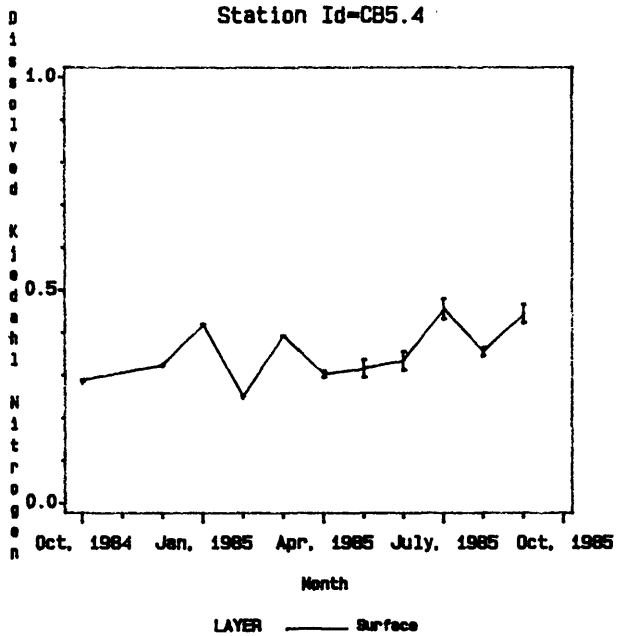
DISSOLVED KJELDAHL NITROGEN

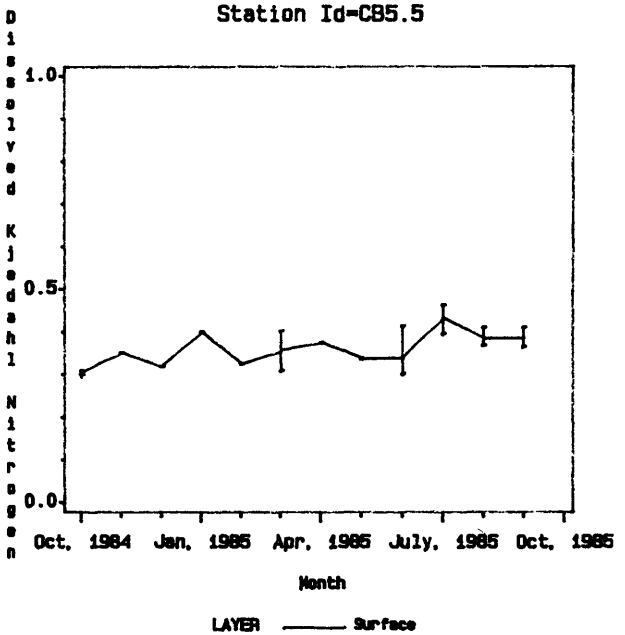
Values reported as mg/l.

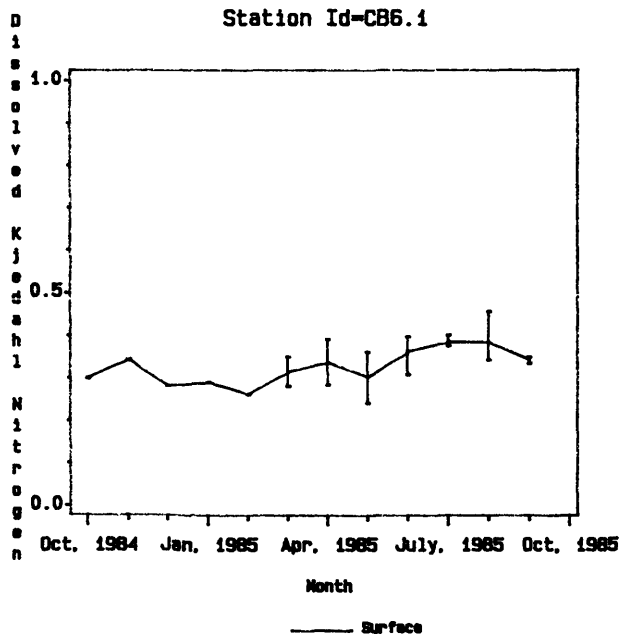
Dissolved Kjeldahl Nitrogen
October, 1984 - September, 1985

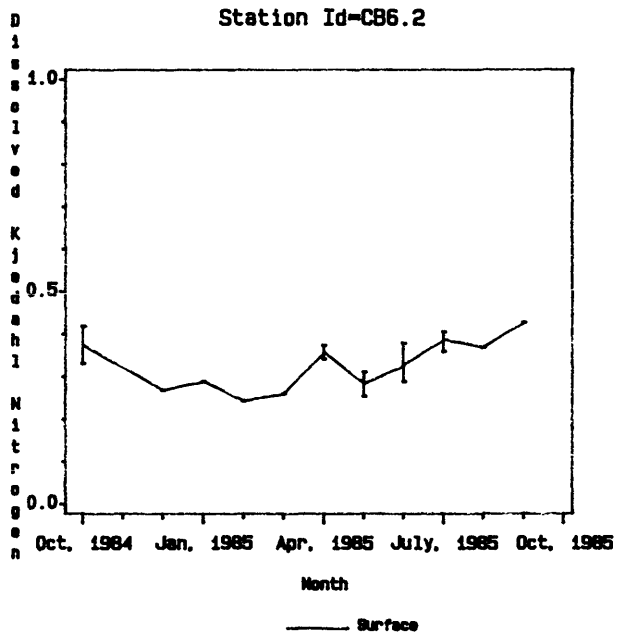
	Dissolved Kjeldahl Nitrogen					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	0.5310	0.3619	0.2420	*	*	*
CB5.4.....	0.4800	0.3537	0.2500	*	*	*
CB5.5.....	0.4640	0.3660	0.3000	*	*	*
CB6.1.....	0.4570	0.3370	0.2400	*	*	*
CB6.2.....	0.4280	0.3345	0.2420	*	*	*
CB6.3.....	0.4120	0.3028	0.2250	*	*	*
CB6.4.....	0.4500	0.2835	0.1500	*	*	*
CB7.3.....	0.4900	0.2962	0.1500	*	*	*
CB7.4.....	0.4300	0.2645	0.0500	*	*	*
CB7.4N.....	0.4300	0.2940	0.1500	*	*	*
CB8.1E.....	0.4100	0.2770	0.1100	*	*	*
CB8.1.....	0.4600	0.2830	0.1100	*	*	*
EE3.1.....	0.6130	0.4227	0.2660	*	*	*
EE3.2.....	0.4960	0.3741	0.2510	*	*	*
CB7.1N.....	0.4680	0.3618	0.2910	*	*	*
CB7.1.....	0.5460	0.3618	0.2310	*	*	*
CB7.1S.....	0.4300	0.3236	0.2260	*	*	*
CB5.4W.....	0.6500	0.4133	0.2660	*	*	*
CB7.2.....	0.4790	0.3024	0.1960	*	*	*
CB7.2E.....	0.4030	0.3122	0.2360	*	*	*
CB7.3E.....	0.3900	0.2695	0.1800	*	*	*
LE3.6.....	0.5340	0.3708	0.2630	*	*	*
LE3.7.....	0.5650	0.3698	0.2490	*	*	*
WE4.1.....	0.4500	0.3190	0.2580	*	*	*
WE4.2.....	0.3840	0.2949	0.2230	*	*	*
WE4.3.....	0.4990	0.3122	0.2190	*	*	*
WE4.4.....	0.4440	0.3201	0.2500	*	*	*
LE5.5.....	0.4900	0.3205	0.1400	*	*	*

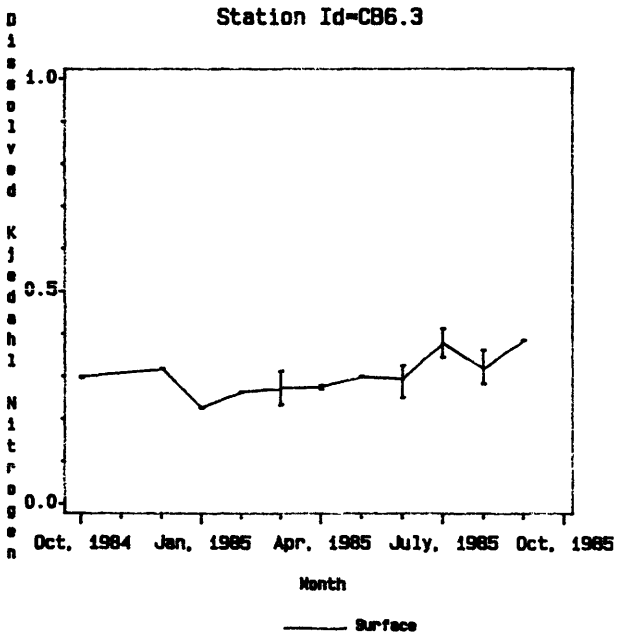

Station Id=CB5.3
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface

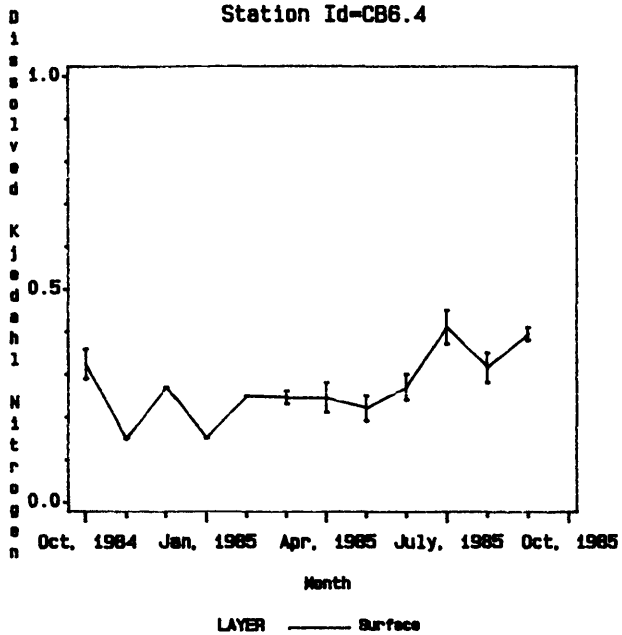

Station Id=CB5.4
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface

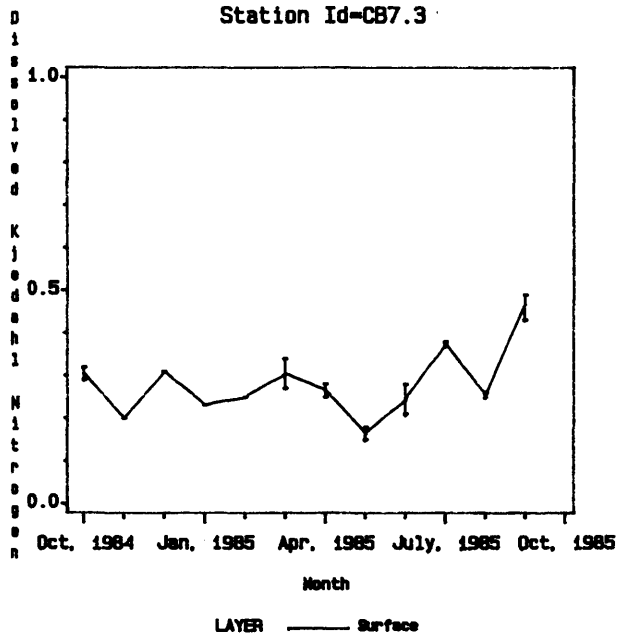

Station Id=CB5.5
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface

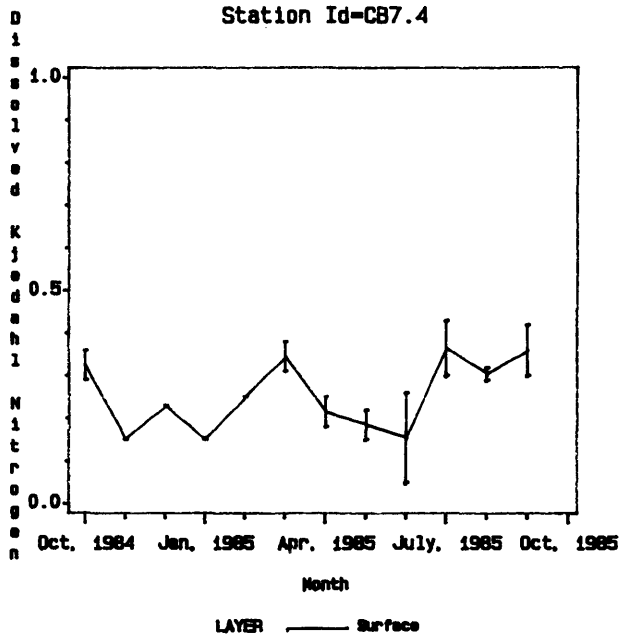

Station Id=CB6.1
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface

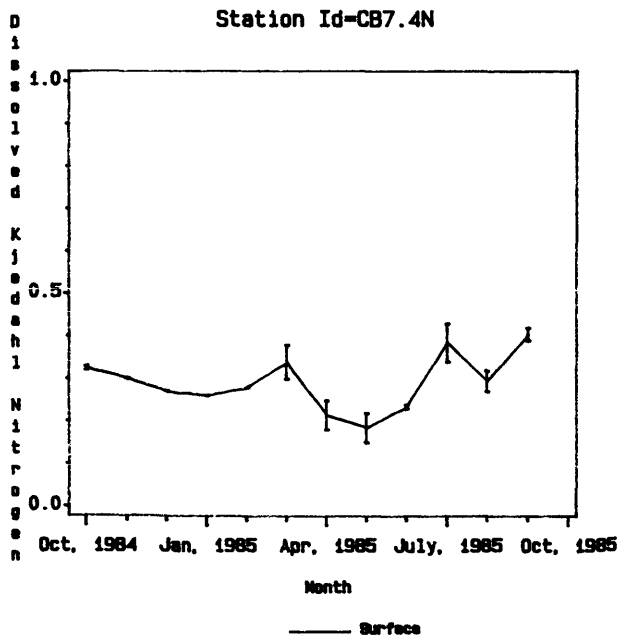

Station Id=CB6.2
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface


Station Id=CB6.3
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface


Station Id=CB6.4
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
LAYER
Surface


Station Id=CB7.3
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
LAYER
Surface


Station Id=CB7.4
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
LAYER
Surface


Station Id=CB7.4N
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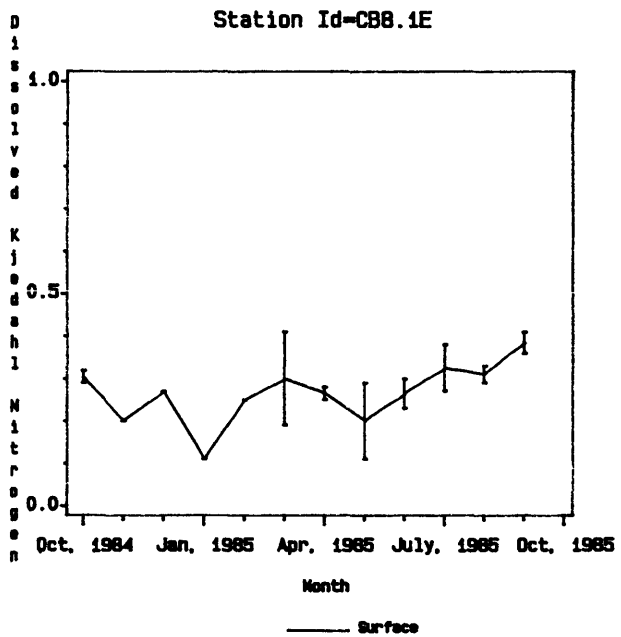
0.5
0.0
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
Surface


Station Id=CB8.1E
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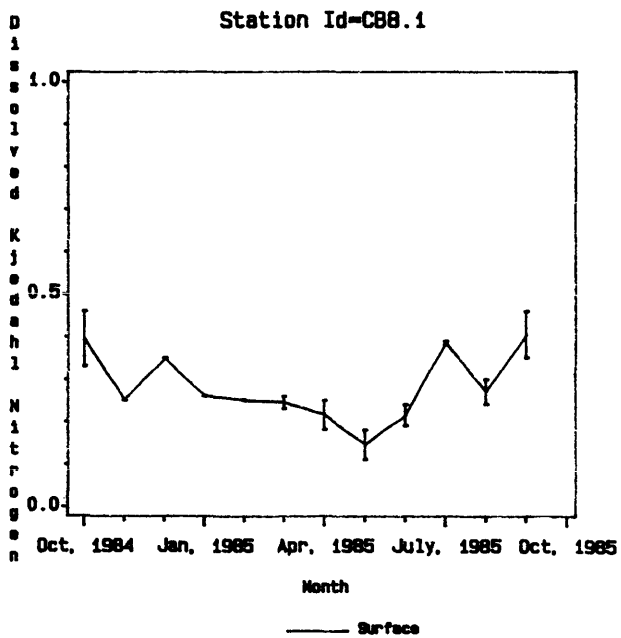
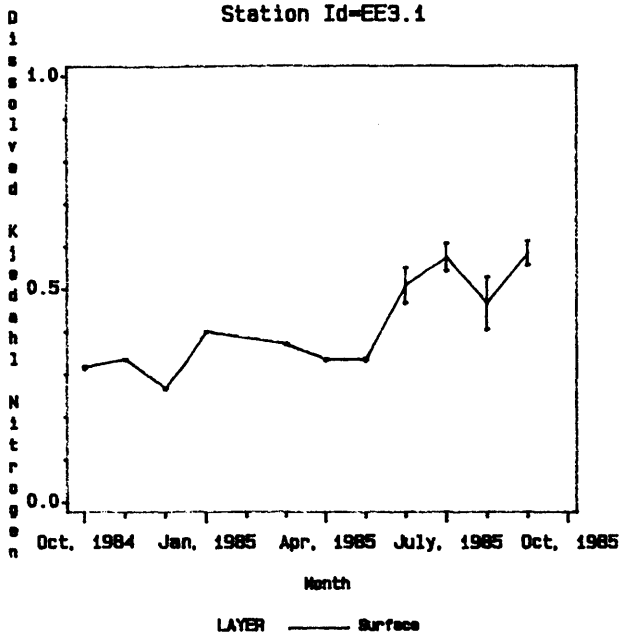
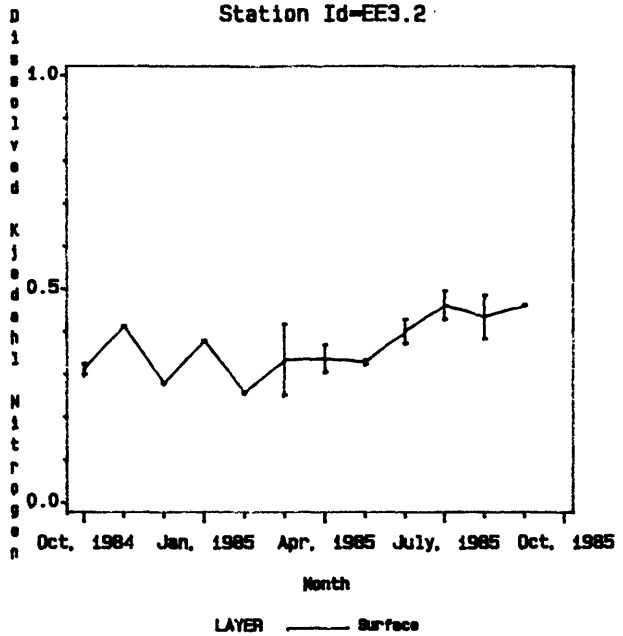
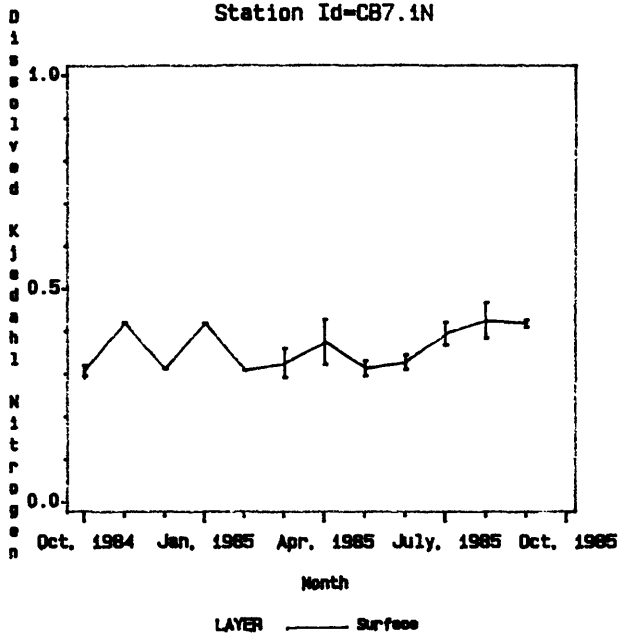
0.5
0.0
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
Surface


Station Id=CB8.1
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
Surface


Station Id=EE3.1
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface


Station Id=EE3.2
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface


Station Id=CB7.1N
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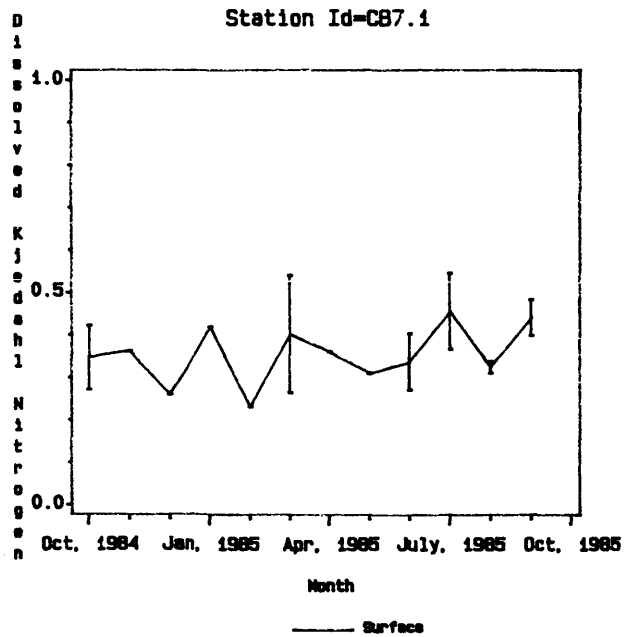
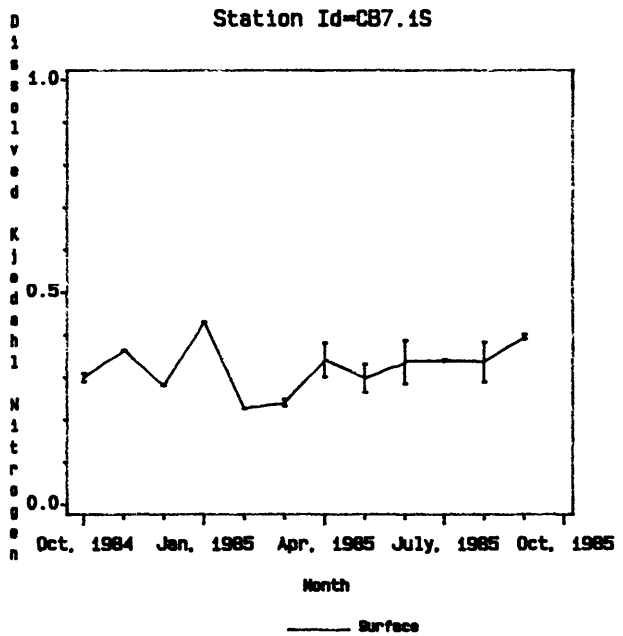
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface


Station Id=CB7.1
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface


Station Id=CB7.1S
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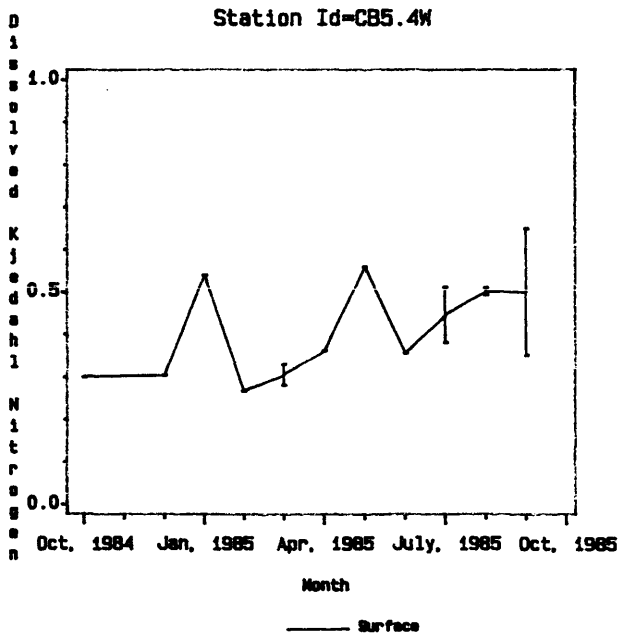
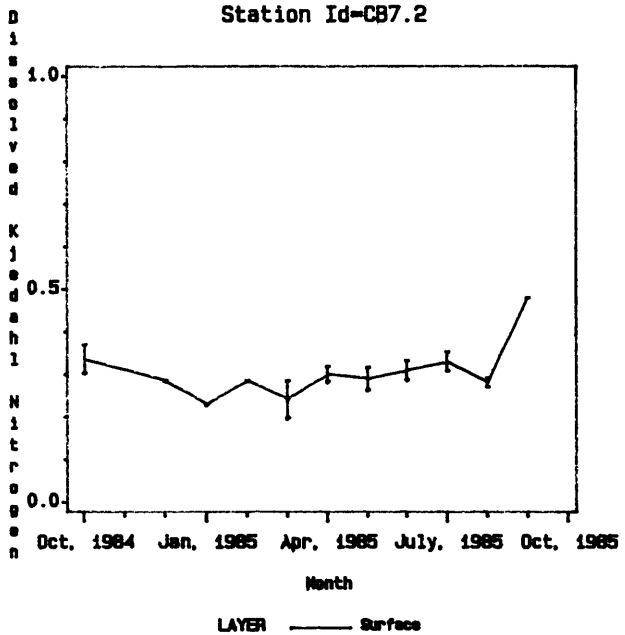
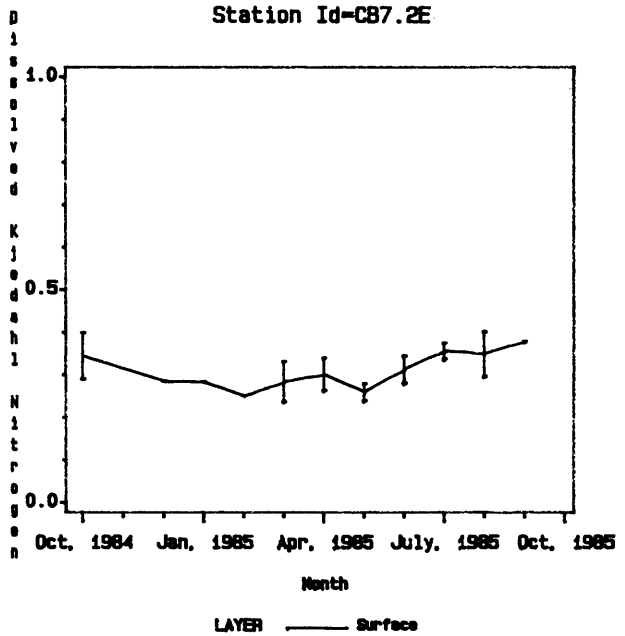
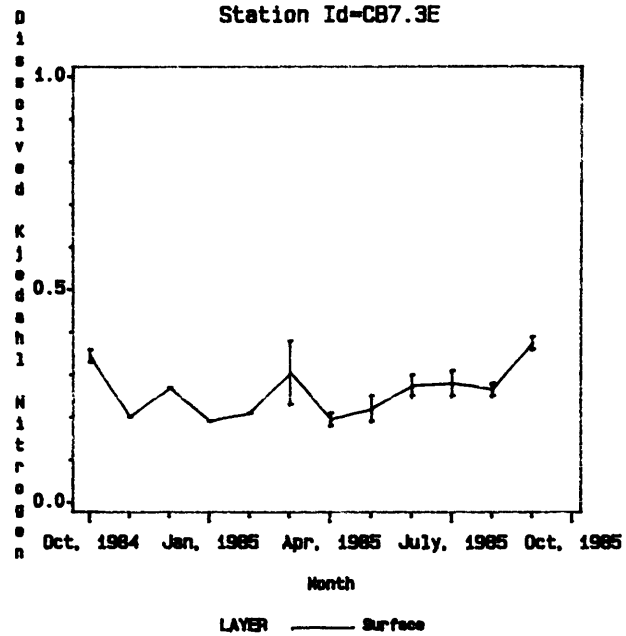
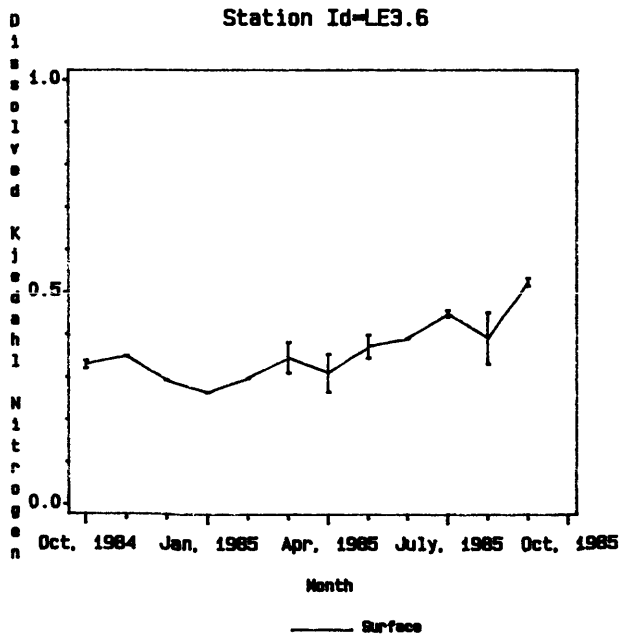
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface

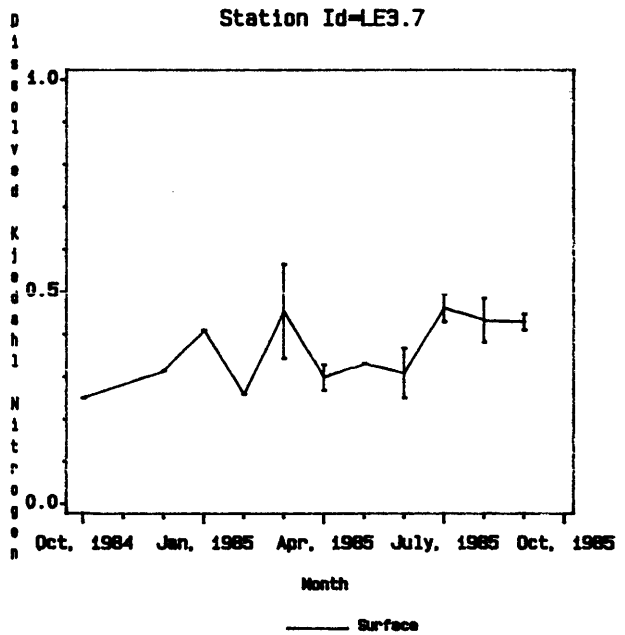

Station Id=CB5.4W
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface

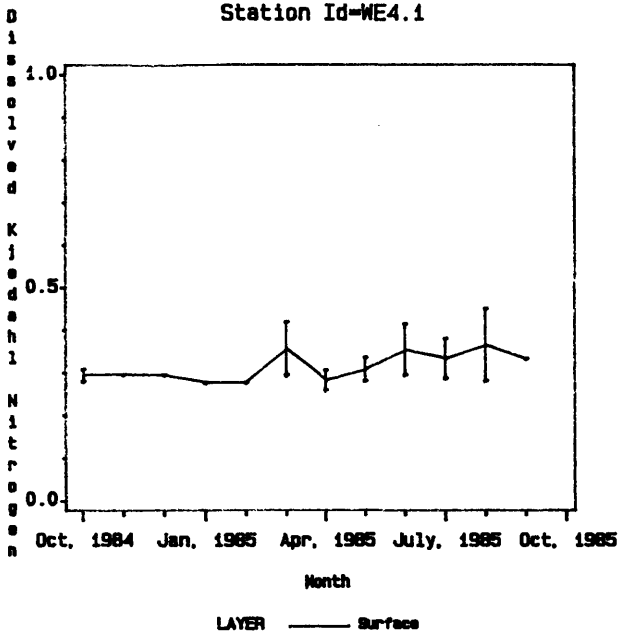

Station Id=CB7.2
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface

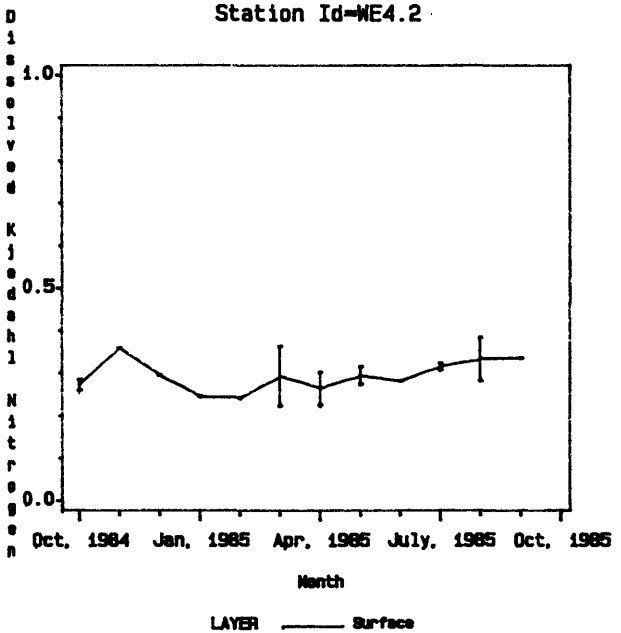

Station Id=CB7.2E
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface

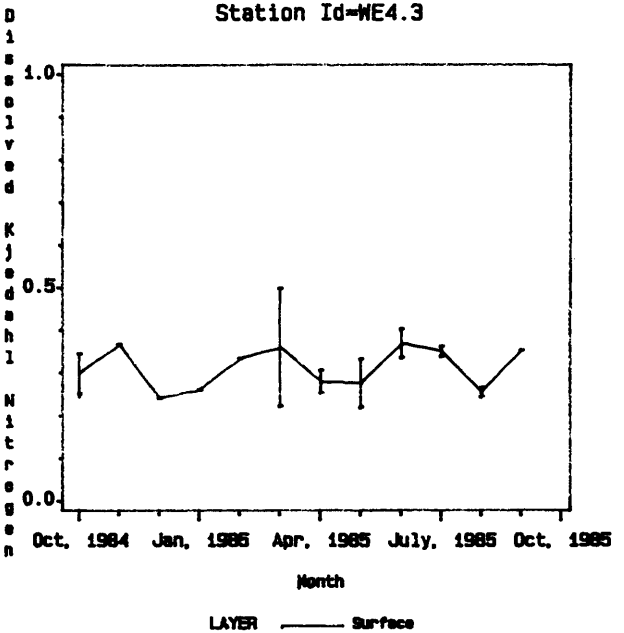

Station Id=CB7.3E
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface

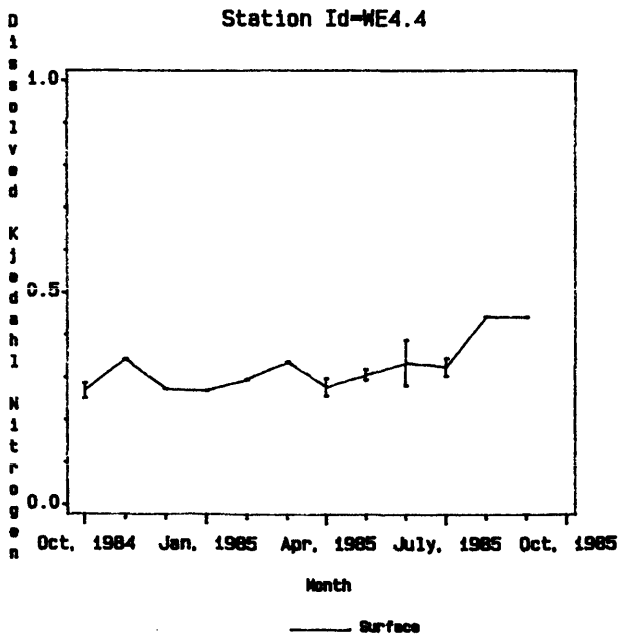

Station Id=LE3.6
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface

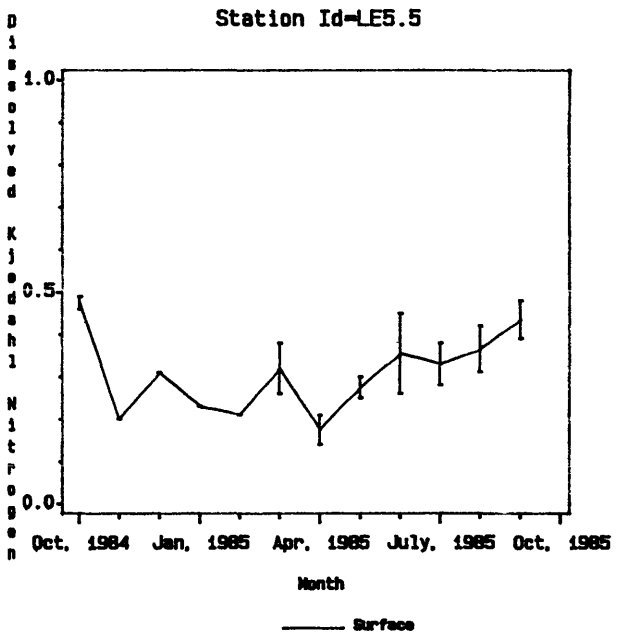

Station Id=LE3.7
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface


Station Id=WE4.1
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface


Station Id=WE4.2
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface


Station Id=WE4.3
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface


Station Id=WE4.4
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface


Station Id=LE5.5
Dissolved Kjedahl Nitrogen
1.0
0.5
0.0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface

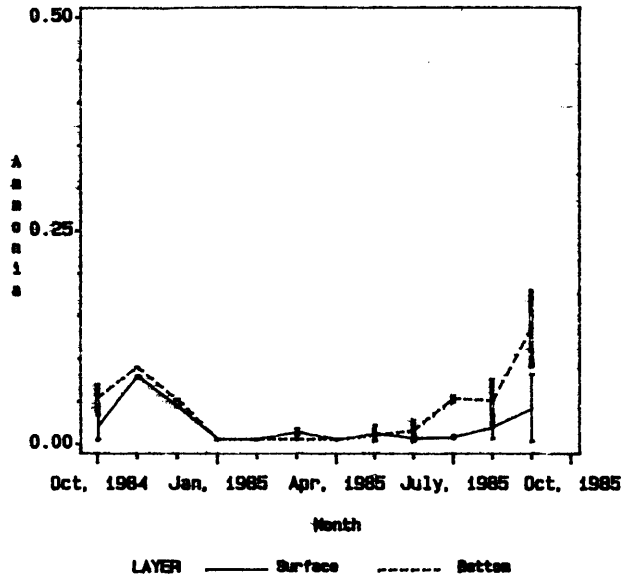
AMMONIA

Values reported as mg/l.

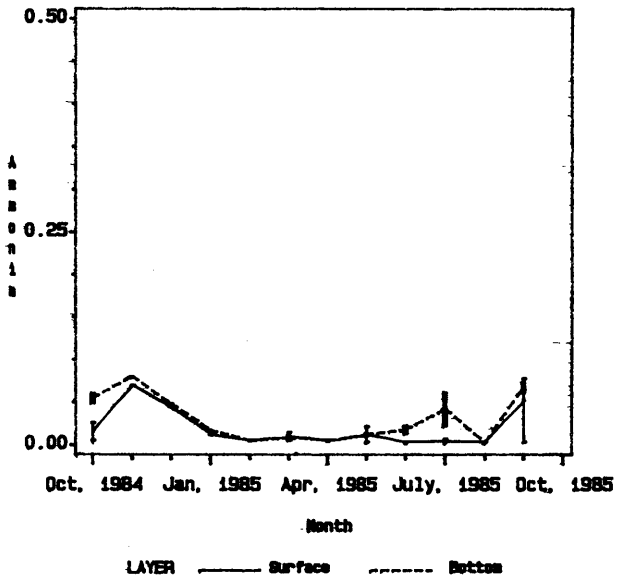
Ammonia
October, 1984 - September, 1985

	Ammonia					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	0.0520	0.0169	0.0085	0.3260	0.1160	0.0085
CB5.4.....	0.0630	0.0168	0.0085	0.2200	0.1337	0.0100
CB5.5.....	0.4600	0.0445	0.0085	0.1960	0.0910	0.0100
CB6.1.....	0.0740	0.0208	0.0085	0.2000	0.0722	0.0100
CB6.2.....	0.0270	0.0126	0.0085	0.2090	0.0639	0.0085
CB6.3.....	0.0720	0.0207	0.0085	0.1940	0.0686	0.0085
CB6.4.....	0.0810	0.0193	0.0030	0.1800	0.0423	0.0030
CB7.3.....	0.0780	0.0189	0.0030	0.0800	0.0302	0.0030
CB7.4.....	0.0700	0.0172	0.0030	0.0730	0.0191	0.0030
CB7.4N.....	0.0800	0.0160	0.0030	0.0700	0.0154	0.0030
CB8.1E.....	0.0830	0.0218	0.0030	0.0770	0.0301	0.0050
CB8.1.....	0.1050	0.0209	0.0030	0.0840	0.0309	0.0030
EE3.1.....	0.1520	0.0435	0.0100	0.1760	0.0385	0.0085
EE3.2.....	0.1450	0.0399	0.0085	0.2210	0.0633	0.0085
CB7.1N.....	0.1040	0.0291	0.0085	0.1950	0.0889	0.0100
CB7.1.....	0.1030	0.0246	0.0085	0.1930	0.0843	0.0100
CB7.1S.....	0.0790	0.0189	0.0085	0.1500	0.0648	0.0085
CB5.4W.....	0.1750	0.0333	0.0085	0.1000	0.0349	0.0100
CB7.2.....	0.0670	0.0200	0.0085	0.2970	0.0650	0.0085
CB7.2E.....	0.1390	0.0315	0.0085	0.1130	0.0493	0.0085
CB7.3E.....	0.0900	0.0194	0.0030	0.0870	0.0324	0.0050
LE3.6.....	0.2540	0.0463	0.0085	0.2470	0.0442	0.0085
LE3.7.....	0.0800	0.0214	0.0085	0.1750	0.0372	0.0085
WE4.1.....	0.0730	0.0169	0.0085	0.1720	0.0348	0.0085
WE4.2.....	0.0980	0.0206	0.0085	0.3200	0.0667	0.0085
WE4.3.....	0.0680	0.0216	0.0085	0.2900	0.0393	0.0085
WE4.4.....	0.1230	0.0246	0.0085	0.1080	0.0281	0.0085
LE5.5.....	0.1130	0.0392	0.0030	0.1230	0.0519	0.0050

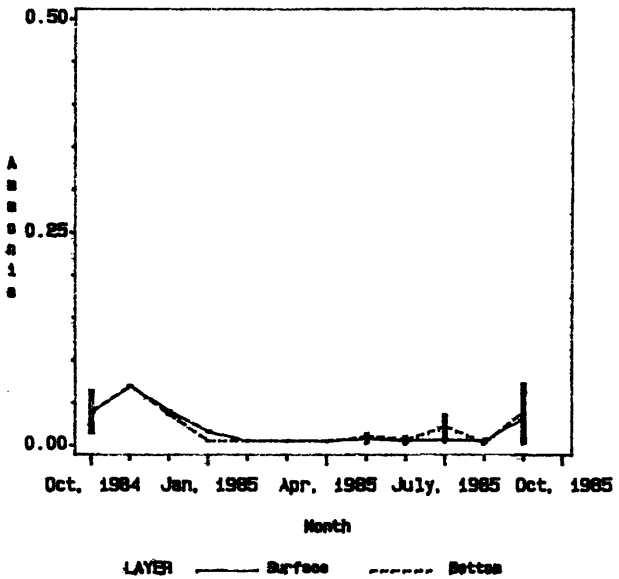
Station Id=CB6.4



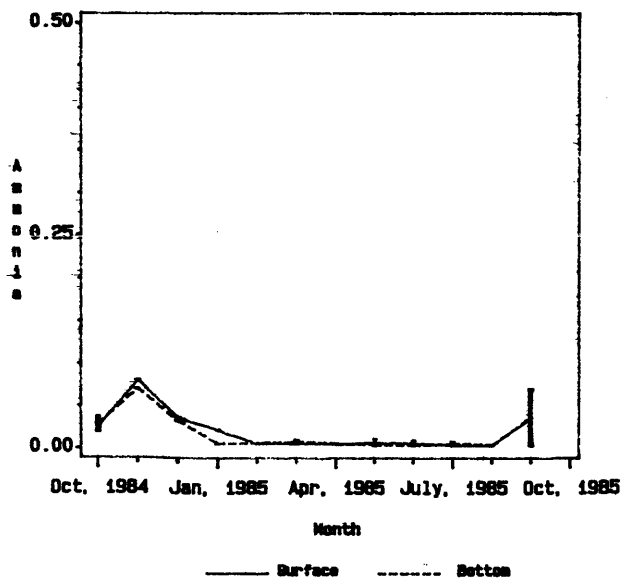
Station Id=CB7.3



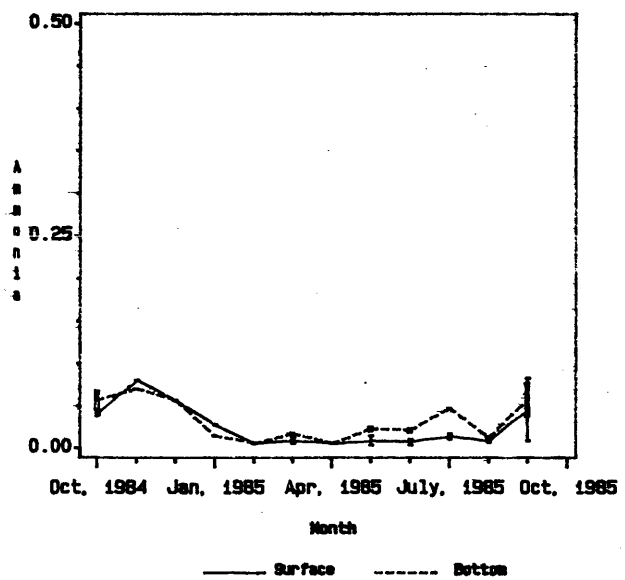
Station Id=CB7.4



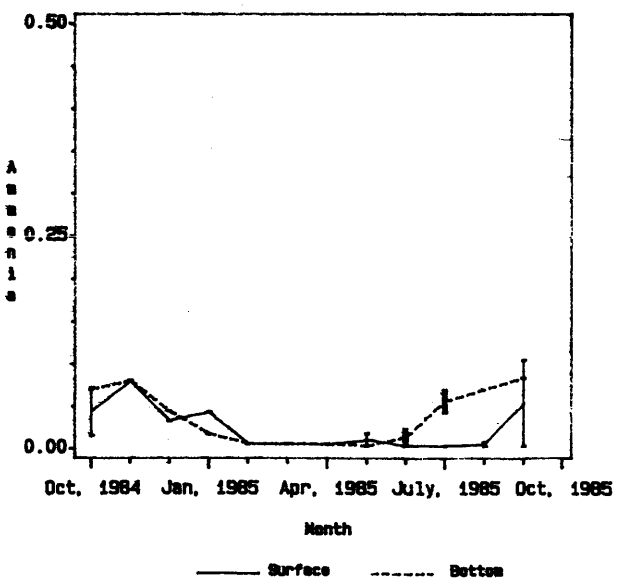
Station Id=CB7.4N



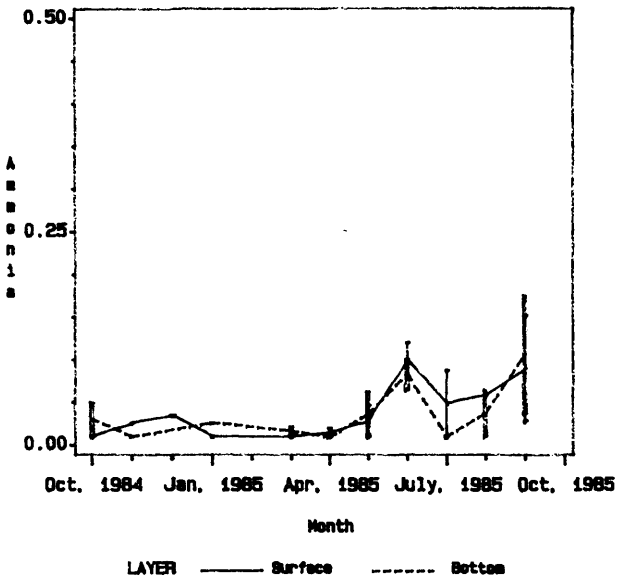
Station Id=CB8.1E



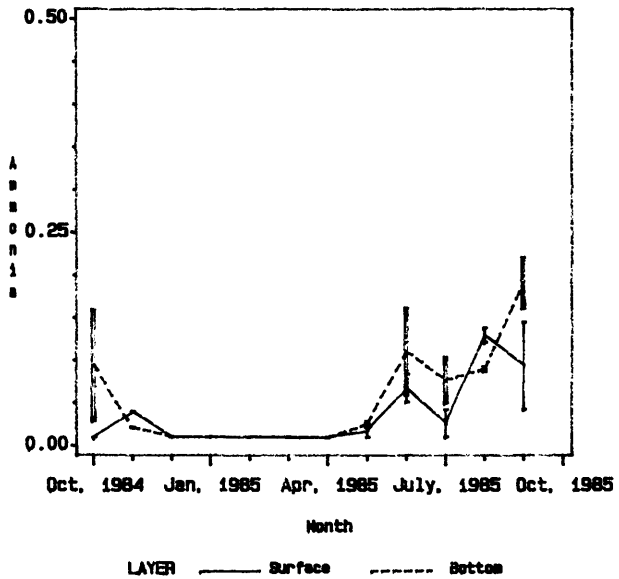
Station Id=CB8.1



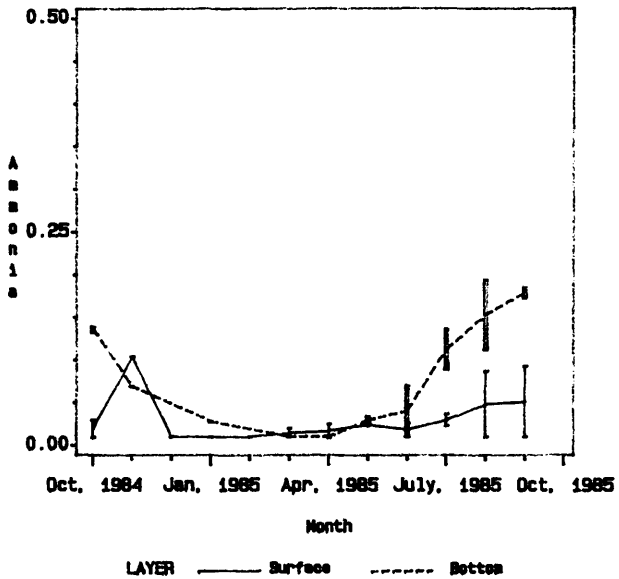
Station Id=EE3.1



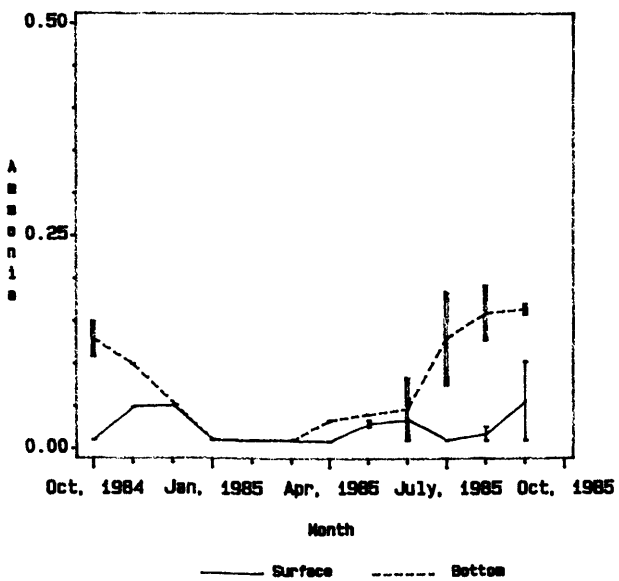
Station Id=EE3.2



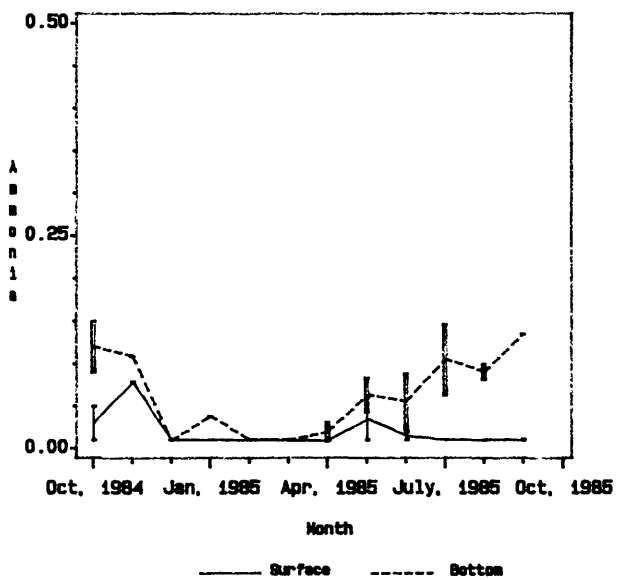
Station Id=CB7.1N



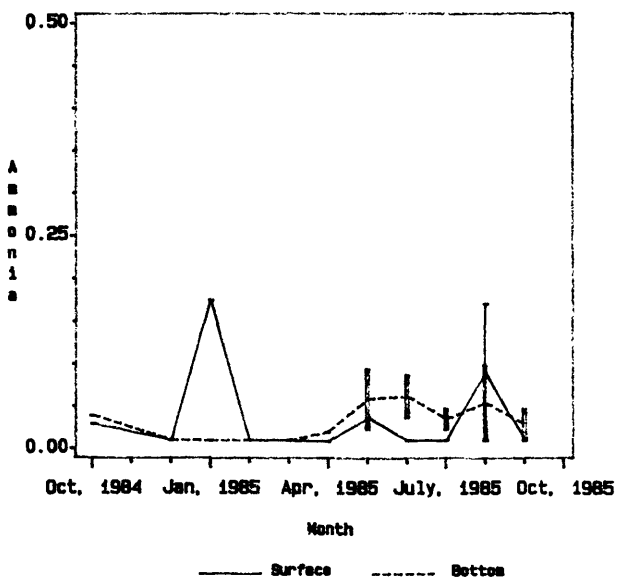
Station Id=CB7.1

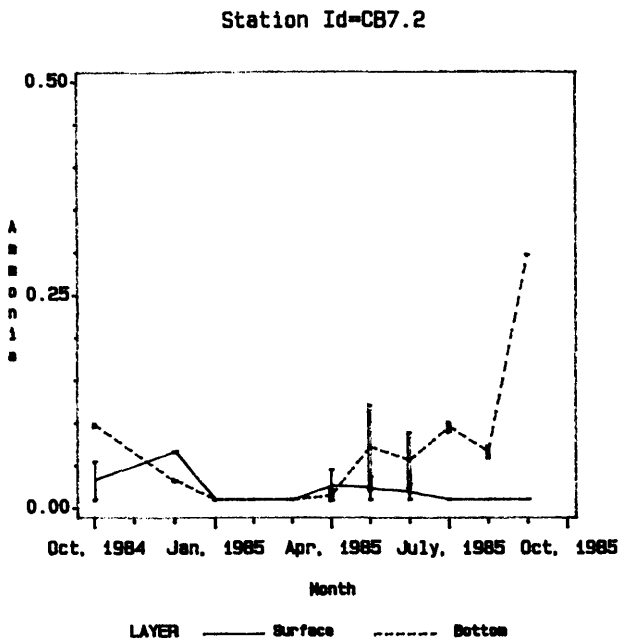


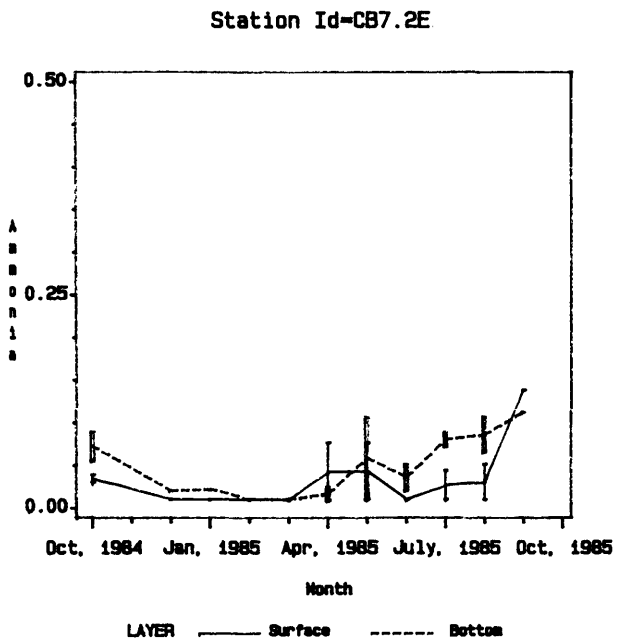
Station Id=CB7.1S

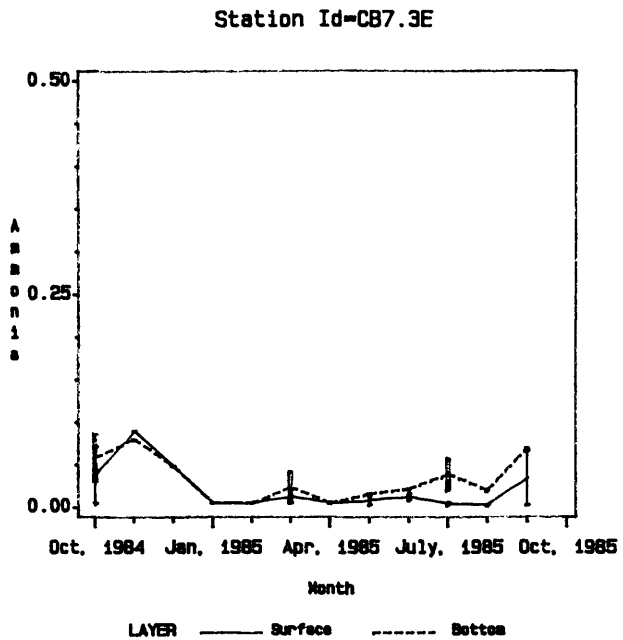


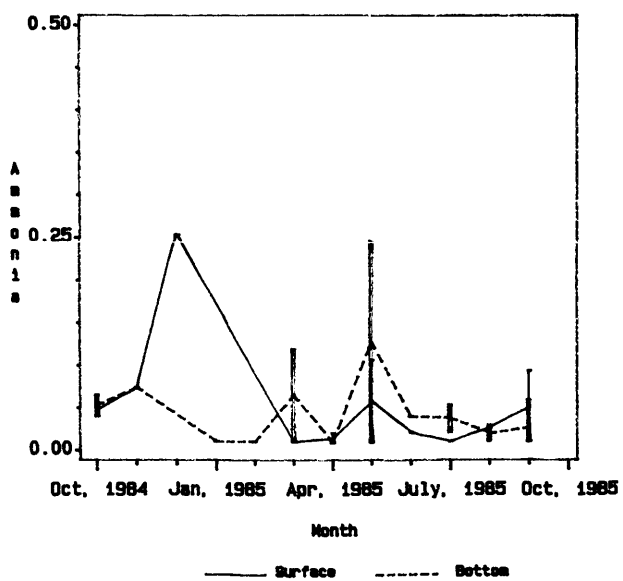
Station Id=CB5.4W

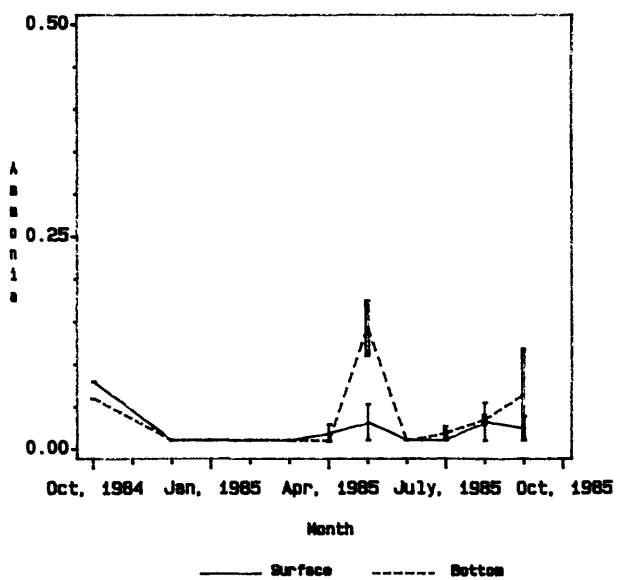


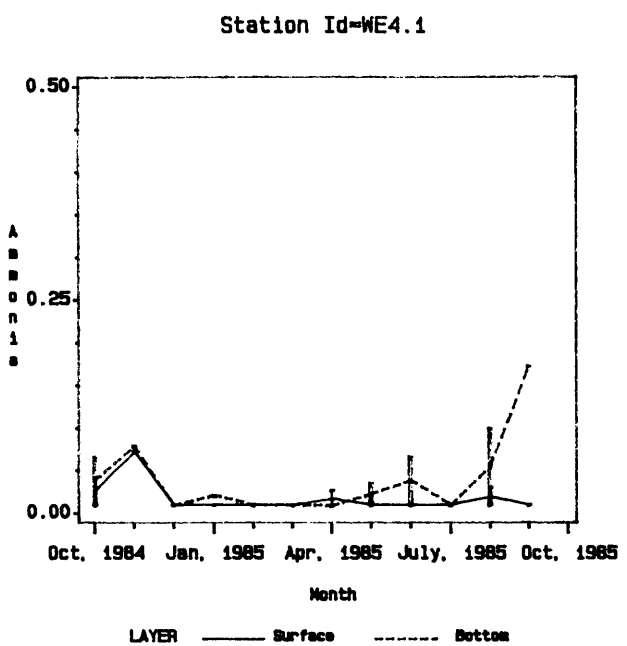

Station Id=CB7.2
0.50
0.25
0.00
Ammonia
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

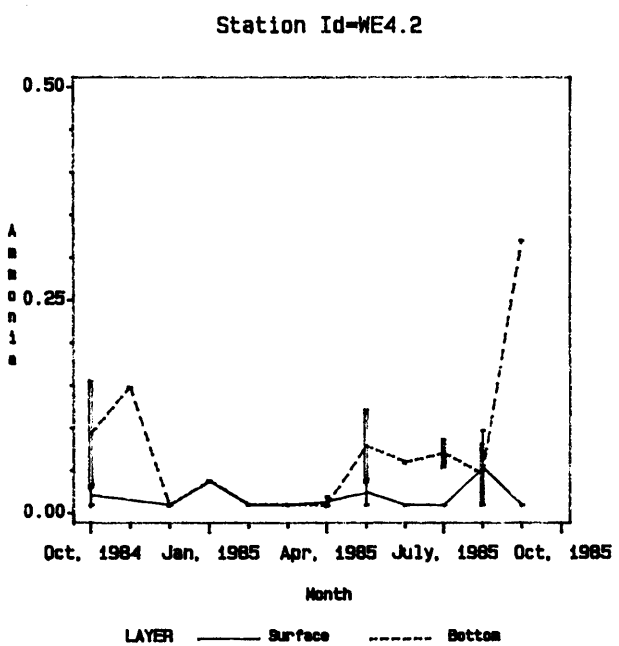

Station Id=CB7.2E
0.50
0.25
0.00
Ammonia
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

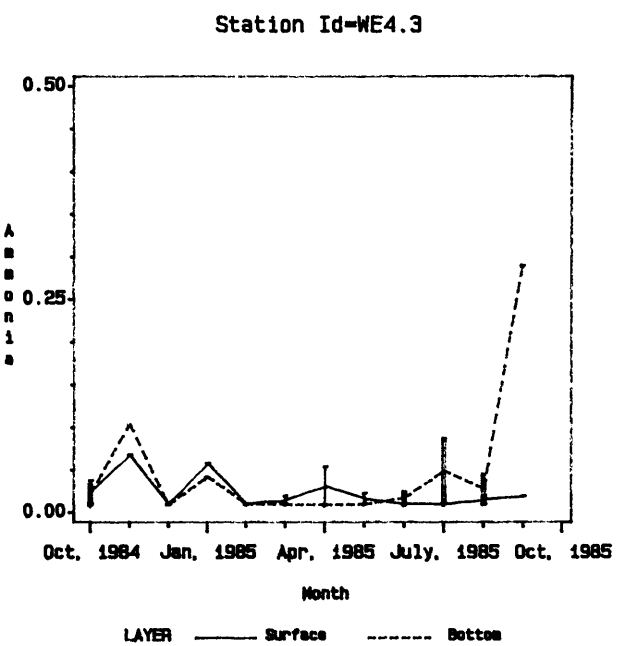

Station Id=CB7.3E
0.50
0.25
0.00
Ammonia
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

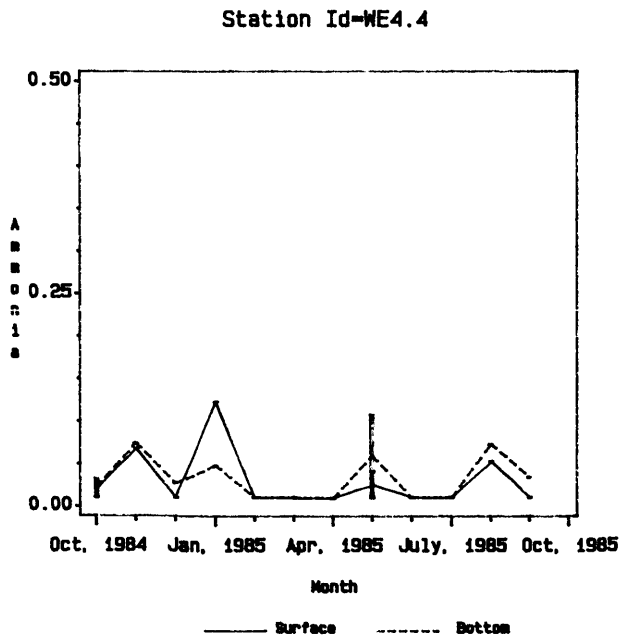

Station Id=LE3.6
0.50
0.25
0.00
Ammonia
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

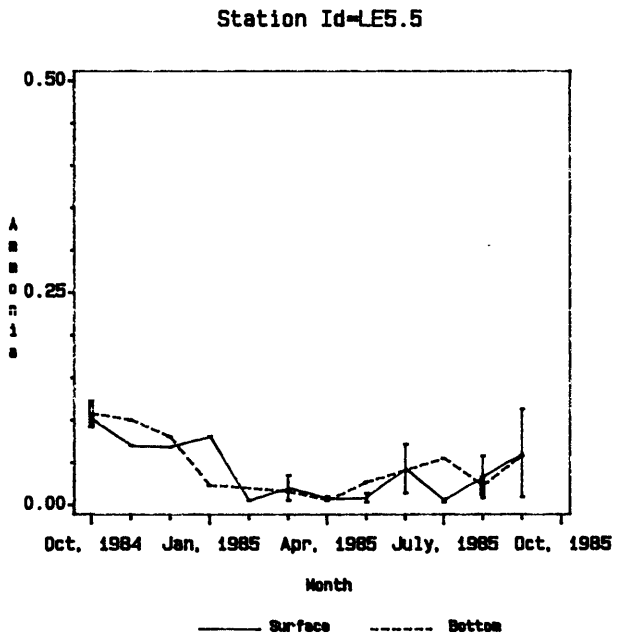

Station Id=LE3.7
0.50
0.25
0.00
Ammonia
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom


Station Id=WE4.1
0.50
0.25
0.00
Ammonia
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom


Station Id=WE4.2
0.50
0.25
0.00
Ammonia
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom


Station Id=WE4.3
0.50
0.25
0.00
Ammonia
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom


Station Id=WE4.4
0.50
0.25
0.00
Ammonia
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom


Station Id=LE5.5
0.50
0.25
0.00
Ammonia
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

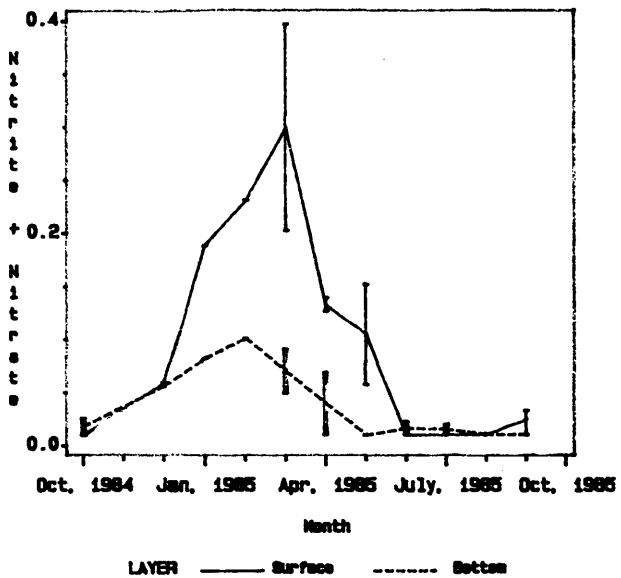
NITRATE + NITRITE

Values reported as mg/l.

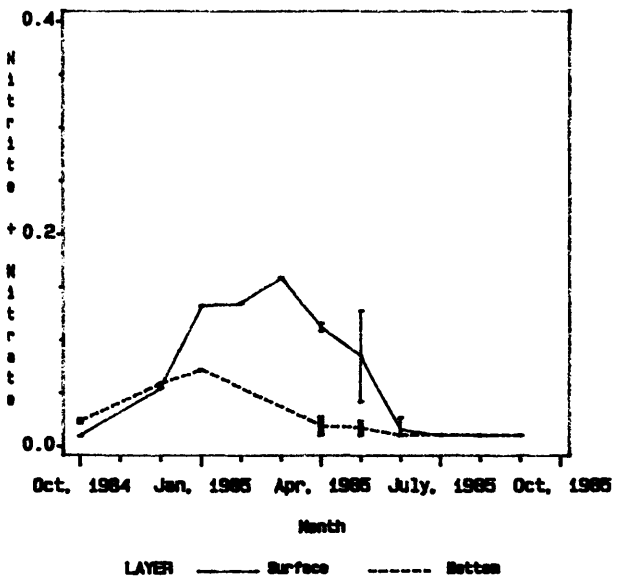
Nitrate+Nitrite
October, 1984 - September, 1985

	Nitrate+Nitrite					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	0.3960	0.0893	0.0100	0.1010	0.0337	0.0100
CB5.4.....	0.1590	0.0527	0.0100	0.0720	0.0214	0.0100
CB5.5.....	0.2710	0.0533	0.0100	0.0830	0.0302	0.0100
CB6.1.....	0.2760	0.0460	0.0100	0.0800	0.0307	0.0100
CB6.2.....	0.1910	0.0382	0.0100	0.0690	0.0227	0.0100
CB6.3.....	0.1350	0.0301	0.0100	0.0710	0.0221	0.0100
CB6.4.....	0.0610	0.0171	0.0055	0.0800	0.0171	0.0055
CB7.3.....	0.0660	0.0154	0.0055	0.0520	0.0151	0.0055
CB7.4.....	0.0570	0.0132	0.0055	0.0460	0.0112	0.0055
CB7.4N.....	0.0520	0.0123	0.0055	0.0750	0.0146	0.0055
CB8.1E.....	0.1200	0.0249	0.0055	0.0600	0.0143	0.0055
CB8.1.....	0.1410	0.0233	0.0055	0.0840	0.0177	0.0055
EE3.1.....	0.0760	0.0220	0.0100	0.0610	0.0200	0.0100
EE3.2.....	0.1300	0.0246	0.0100	0.1170	0.0261	0.0100
CB7.1N.....	0.1660	0.0491	0.0100	0.1360	0.0271	0.0100
CB7.1.....	0.1000	0.0334	0.0100	0.0690	0.0234	0.0100
CB7.1S.....	0.0950	0.0372	0.0100	0.0760	0.0236	0.0100
CB5.4W.....	0.2760	0.0612	0.0100	0.2440	0.0585	0.0100
CB7.2.....	0.0670	0.0292	0.0100	0.0470	0.0151	0.0100
CB7.2E.....	0.0670	0.0200	0.0100	0.0640	0.0187	0.0100
CB7.3E.....	0.0660	0.0156	0.0055	0.0480	0.0165	0.0055
LE3.6.....	0.1920	0.0451	0.0100	0.1460	0.0381	0.0100
LE3.7.....	0.0930	0.0266	0.0100	0.0740	0.0271	0.0100
WE4.1.....	0.0490	0.0166	0.0100	0.0590	0.0138	0.0100
WE4.2.....	0.0750	0.0207	0.0100	0.0750	0.0167	0.0100
WE4.3.....	0.0590	0.0139	0.0100	0.0630	0.0178	0.0100
WE4.4.....	0.0710	0.0165	0.0100	0.0510	0.0153	0.0100
LE5.5.....	0.1870	0.0461	0.0055	0.1540	0.0415	0.0055

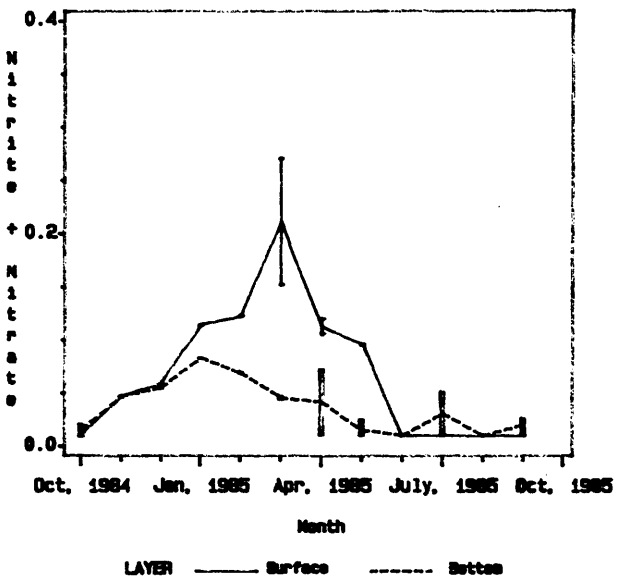
Station Id=CB5.3



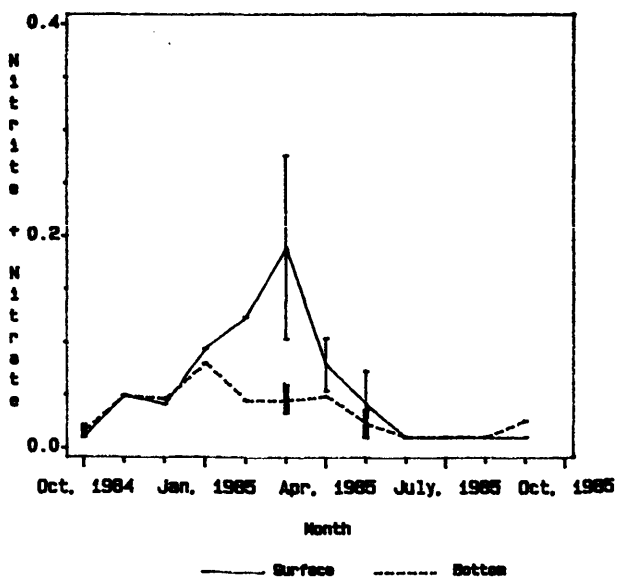
Station Id=CB5.4



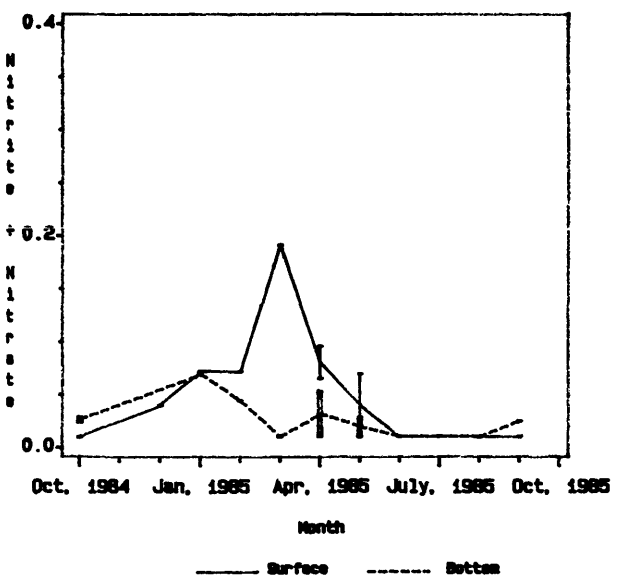
Station Id=CB5.5



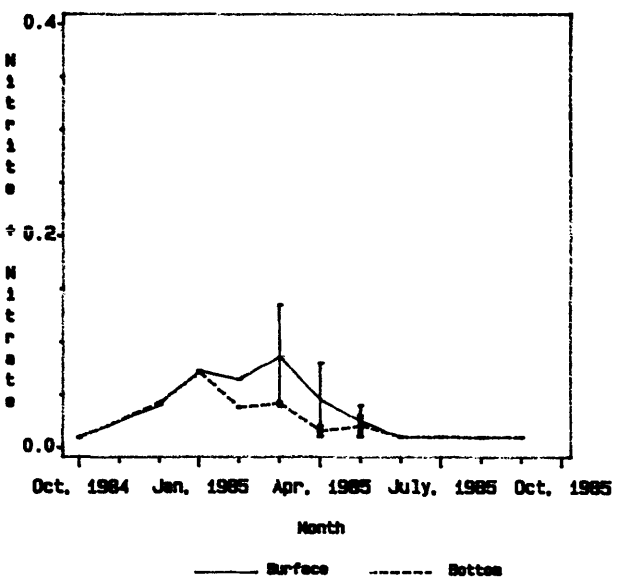
Station Id=CB6.1



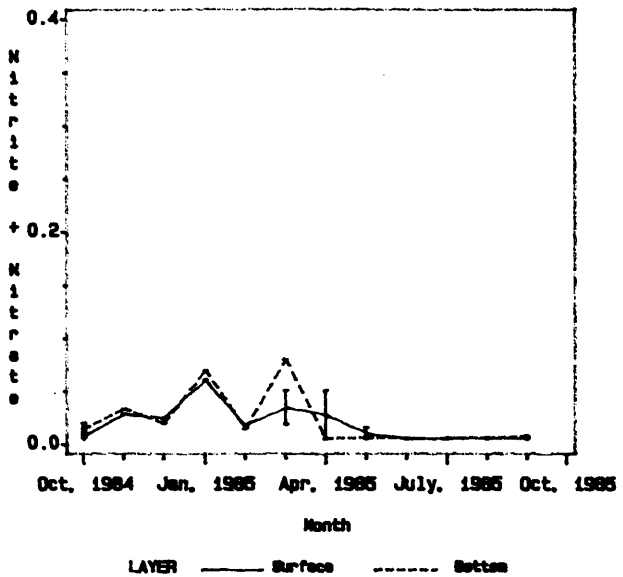
Station Id=CB6.2



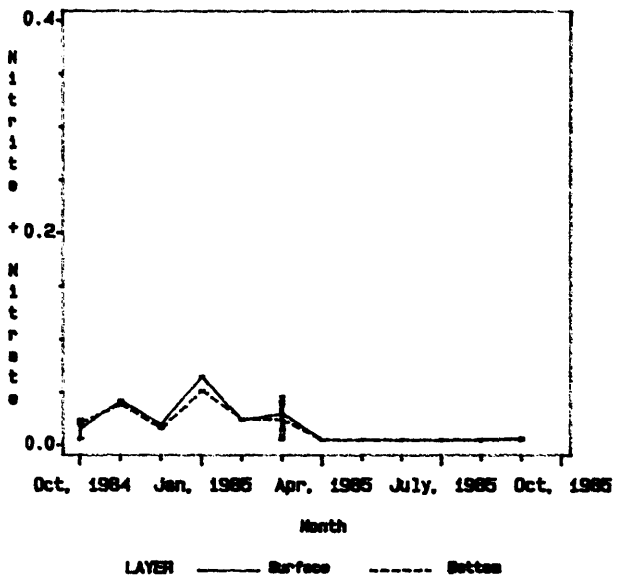
Station Id=CB6.3



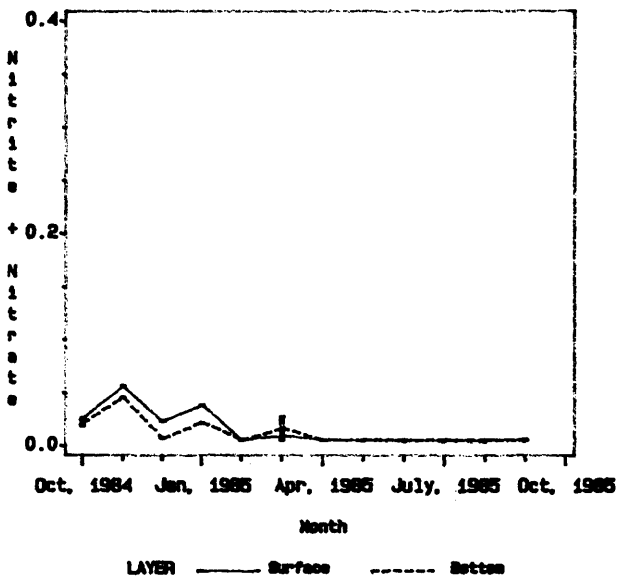
Station Id=CB6.4



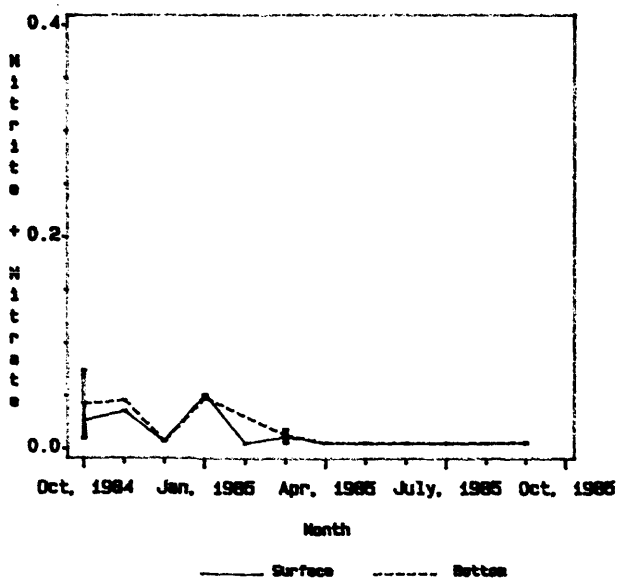
Station Id=CB7.3



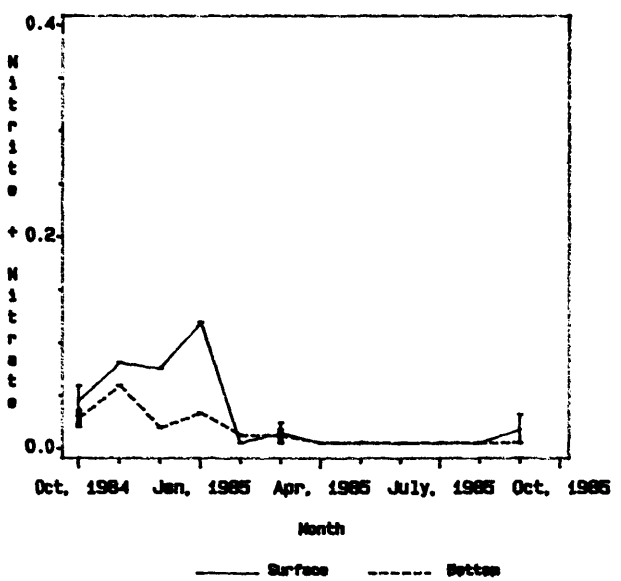
Station Id=CB7.4



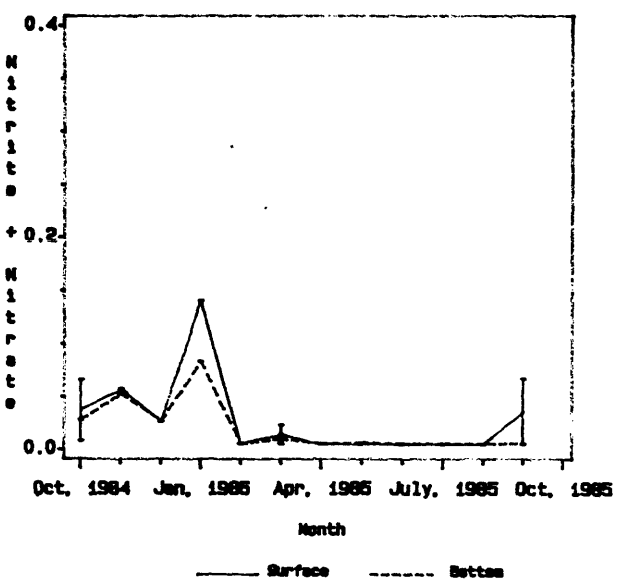
Station Id=CB7.4N



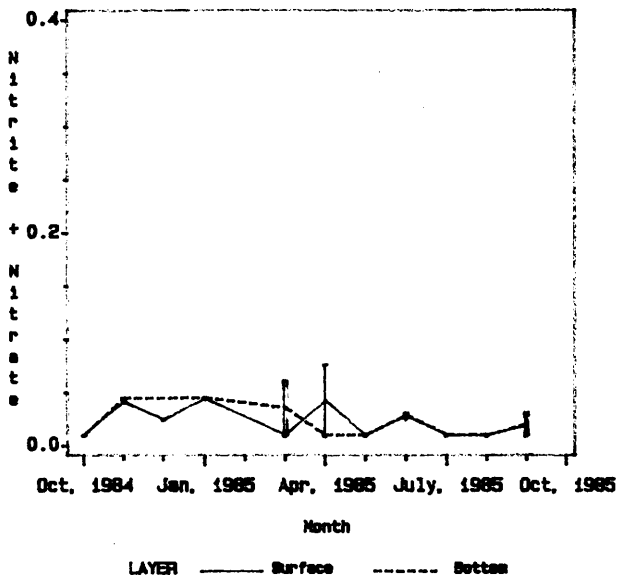
Station Id=CB8.1E



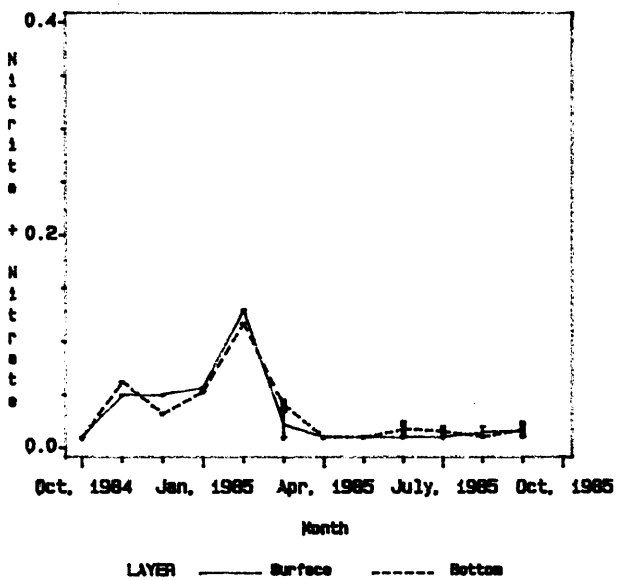
Station Id=CB8.1



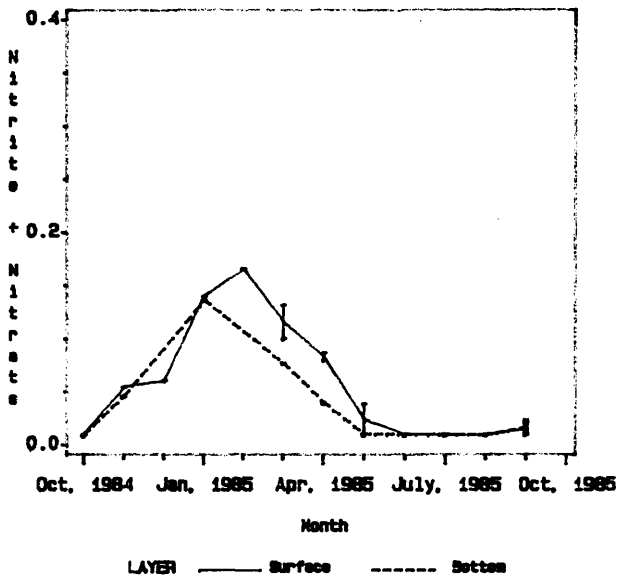
Station Id=EE3.1



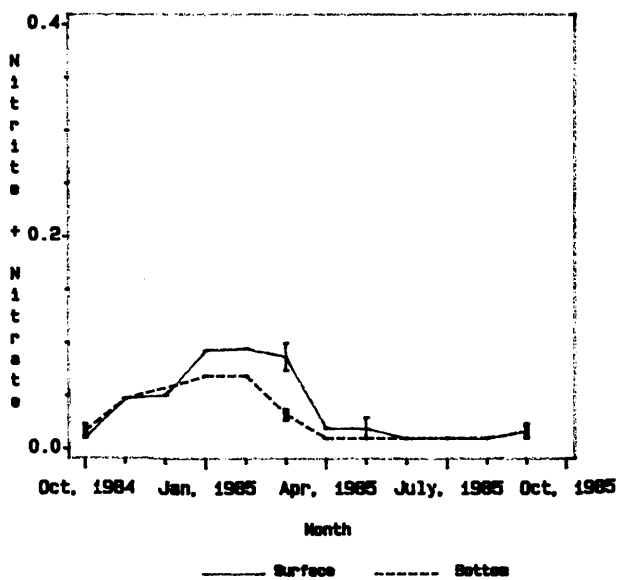
Station Id=EE3.2



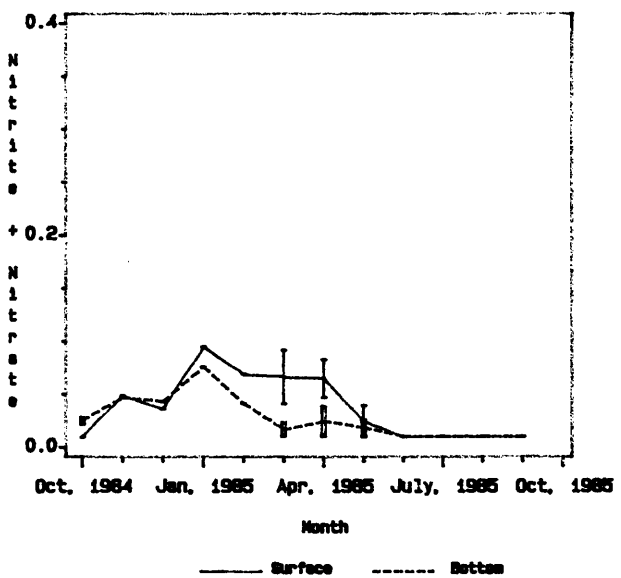
Station Id=CB7.1N



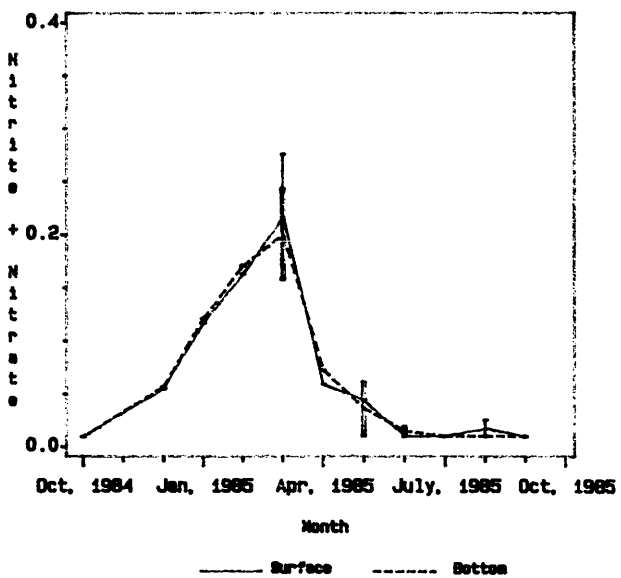
Station Id=CB7.1



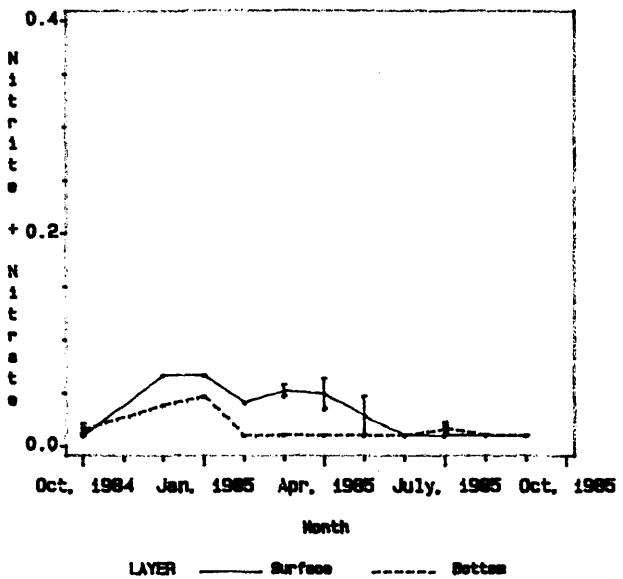
Station Id=CB7.1S



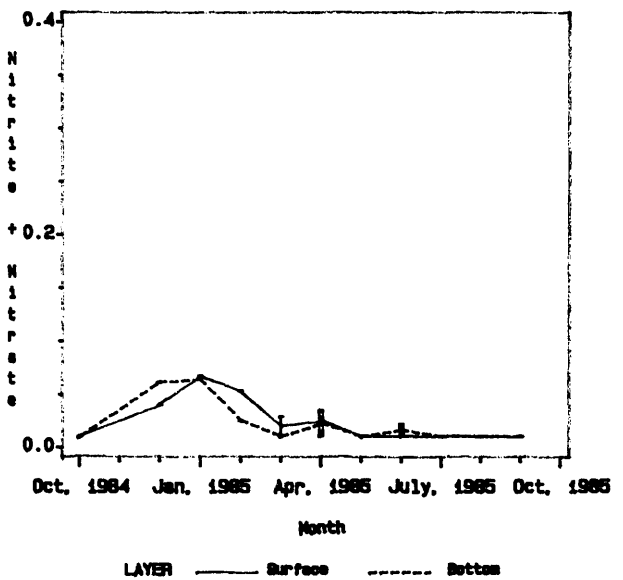
Station Id=CB5.4W



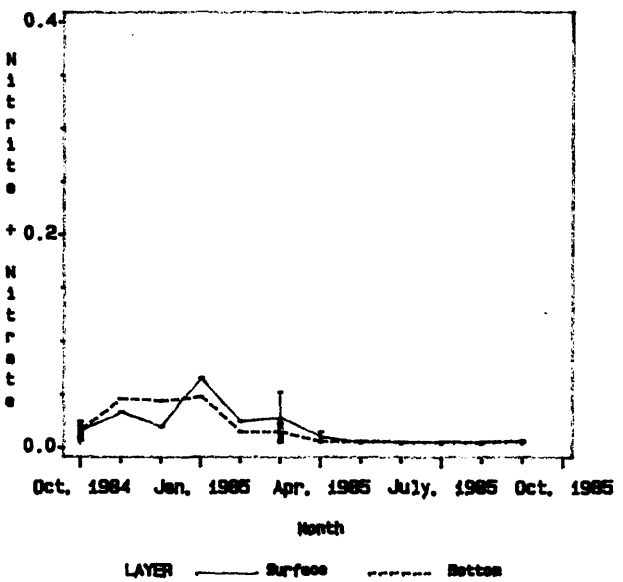
Station Id=CB7.2



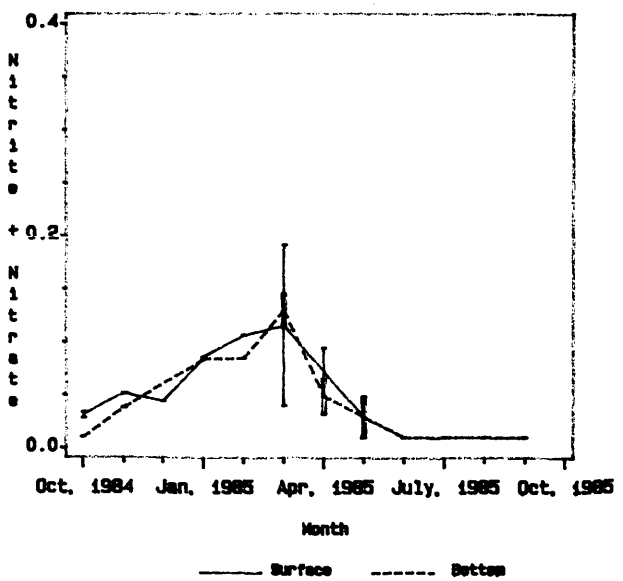
Station Id=CB7.2E



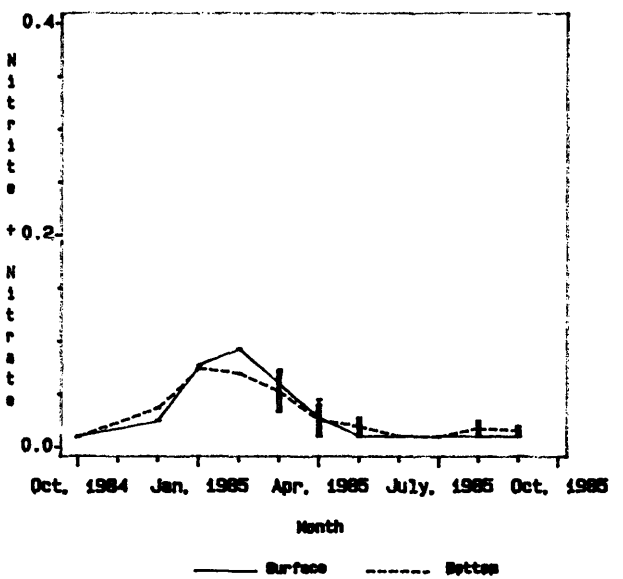
Station Id=CB7.3E



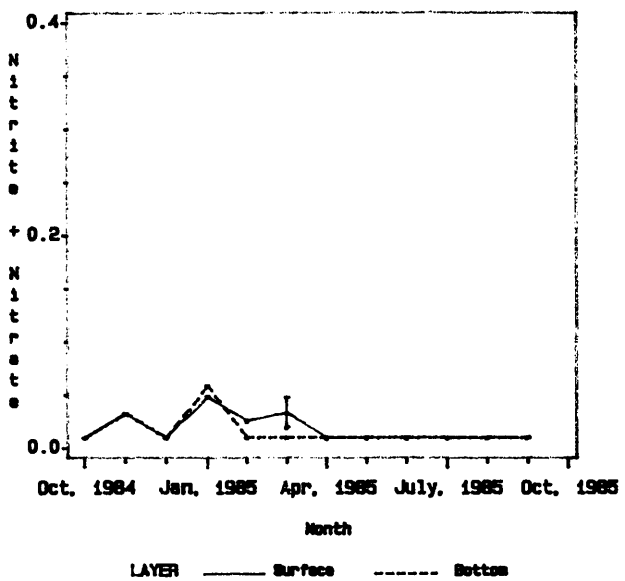
Station Id=LE3.6



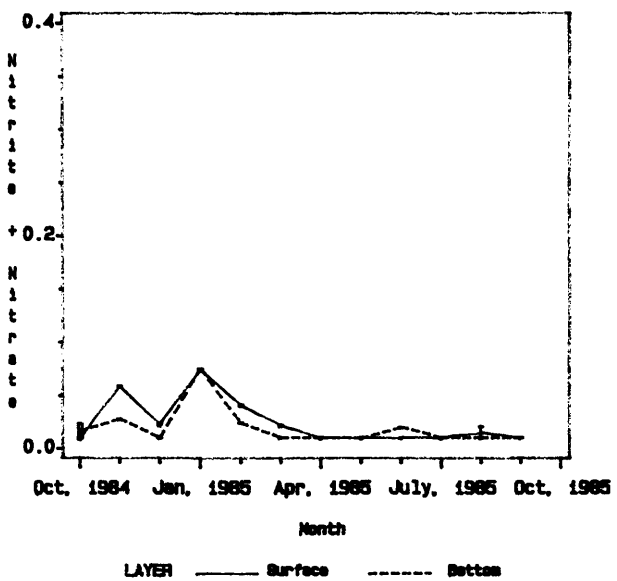
Station Id=LE3.7



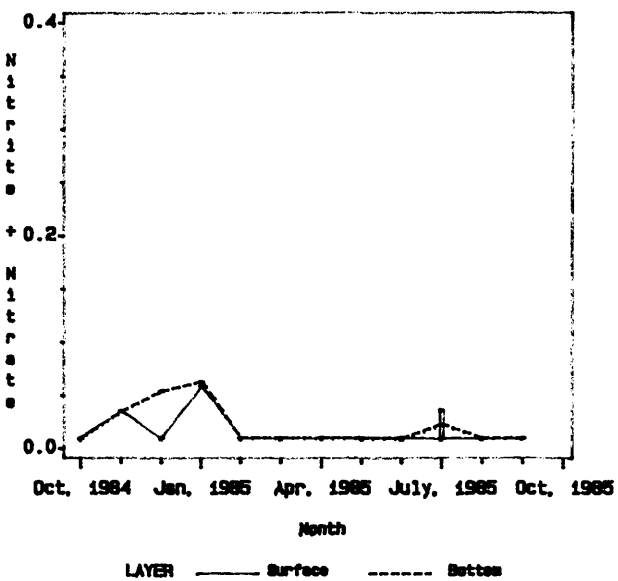
Station Id=WE4.1



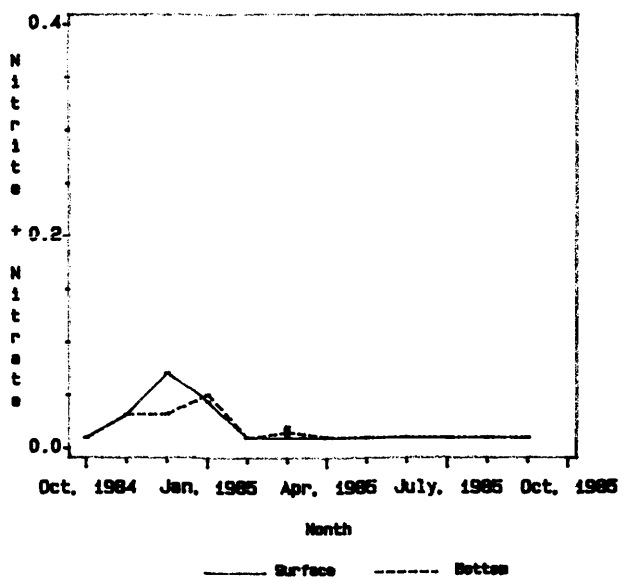
Station Id=WE4.2



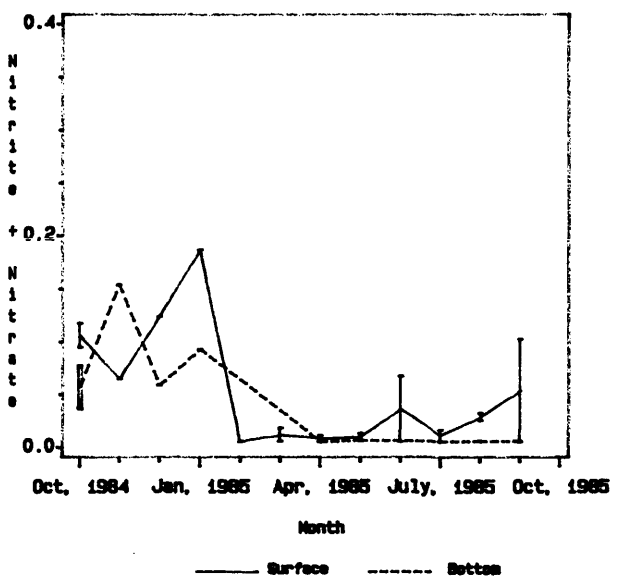
Station Id=WE4.3



Station Id=WE4.4



Station Id=LE5.5

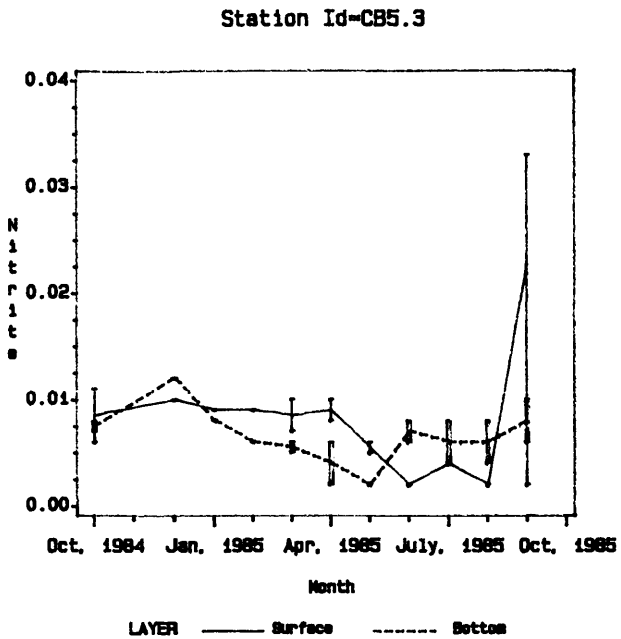


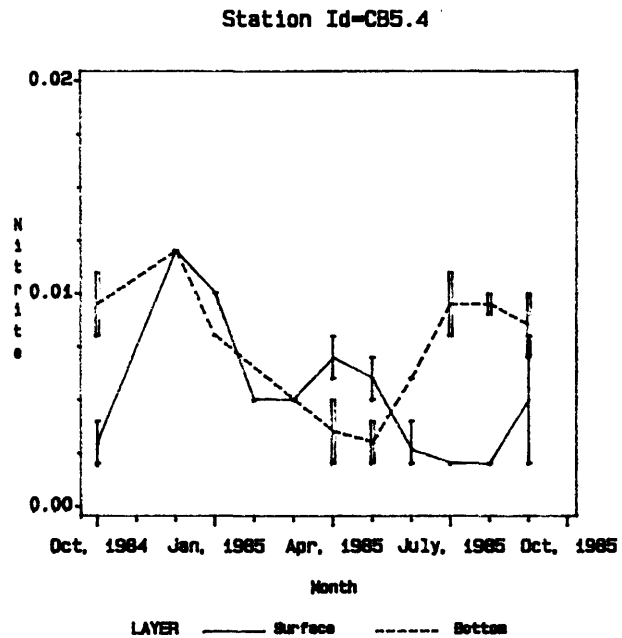
NITRITE

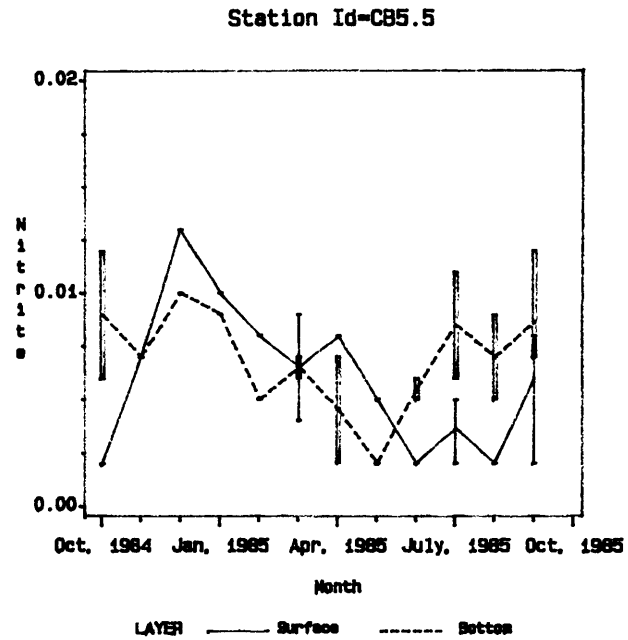
Values reported as mg/l.

Nitrite
October, 1984 - September, 1985

	Nitrite					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	0.0330	0.0090	0.0020	0.0120	0.0064	0.0020
CB5.4.....	0.0120	0.0047	0.0020	0.0120	0.0075	0.0020
CB5.5.....	0.0130	0.0051	0.0020	0.0120	0.0066	0.0020
CB6.1.....	0.0120	0.0044	0.0020	0.0100	0.0062	0.0020
CB6.2.....	0.0130	0.0042	0.0020	0.0080	0.0044	0.0020
CB6.3.....	0.0100	0.0041	0.0020	0.0110	0.0050	0.0020
CB6.4.....	0.0080	0.0029	0.0005	0.0100	0.0039	0.0005
CB7.3.....	0.0100	0.0028	0.0005	0.0110	0.0032	0.0005
CB7.4.....	0.0110	0.0025	0.0005	0.0120	0.0023	0.0005
CB7.4N.....	0.0130	0.0026	0.0005	0.0130	0.0028	0.0005
CB8.1E.....	0.0120	0.0031	0.0005	0.0120	0.0029	0.0005
CB8.1.....	0.0160	0.0036	0.0005	0.0120	0.0029	0.0005
EE3.1.....	0.0130	0.0057	0.0020	0.0120	0.0048	0.0020
EE3.2.....	0.0140	0.0048	0.0020	0.0110	0.0054	0.0020
CB7.1N.....	0.0190	0.0059	0.0020	0.0130	0.0067	0.0020
CB7.1.....	0.0190	0.0051	0.0020	0.0140	0.0058	0.0020
CB7.1S.....	0.0100	0.0040	0.0020	0.0130	0.0055	0.0020
CB5.4W.....	0.0110	0.0051	0.0020	0.0150	0.0053	0.0020
CB7.2.....	0.0090	0.0039	0.0020	0.0110	0.0042	0.0020
CB7.2E.....	0.0140	0.0036	0.0020	0.0110	0.0048	0.0020
CB7.3E.....	0.0100	0.0027	0.0005	0.0120	0.0037	0.0005
LE3.6.....	0.0220	0.0061	0.0020	0.0080	0.0039	0.0020
LE3.7.....	0.0080	0.0037	0.0020	0.0090	0.0042	0.0020
WE4.1.....	0.0090	0.0031	0.0020	0.0090	0.0033	0.0020
WE4.2.....	0.0140	0.0040	0.0020	0.0080	0.0045	0.0020
WE4.3.....	0.0070	0.0027	0.0020	0.0070	0.0033	0.0020
WE4.4.....	0.0050	0.0025	0.0020	0.0050	0.0027	0.0020
LE5.5.....	0.0230	0.0058	0.0005	0.0170	0.0053	0.0005


Station Id=CB5.3
0.04
0.03
0.02
0.01
0.00
Nitrite
Oct. 1984 Jan. 1985 Apr. 1985 July. 1985 Oct. 1985
Month
LAYER Surface Bottom


Station Id=CB5.4
0.02
0.01
0.00
Nitrite
Oct. 1984 Jan. 1985 Apr. 1985 July. 1985 Oct. 1985
Month
LAYER Surface Bottom


Station Id=CB5.5
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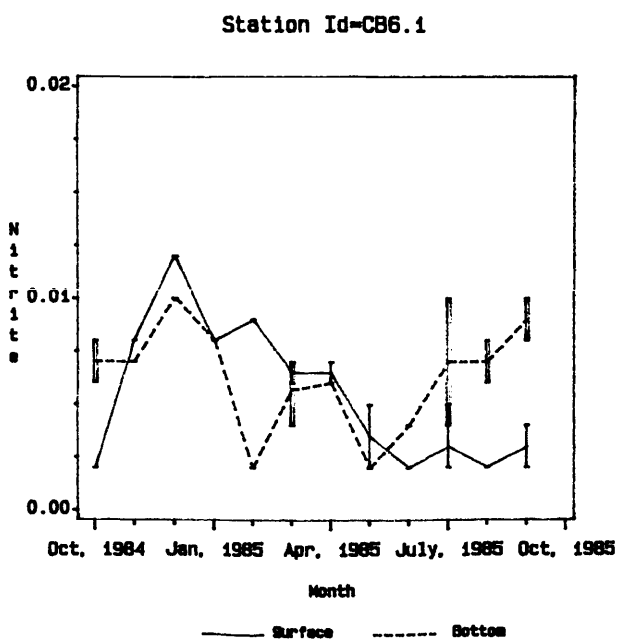
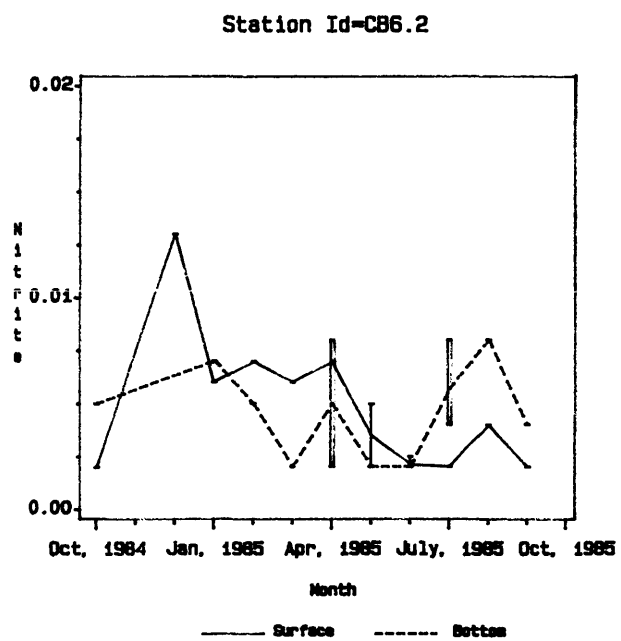
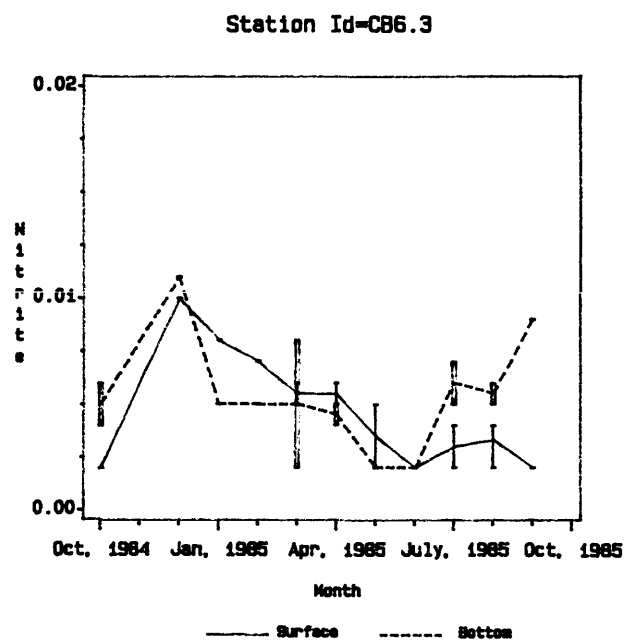
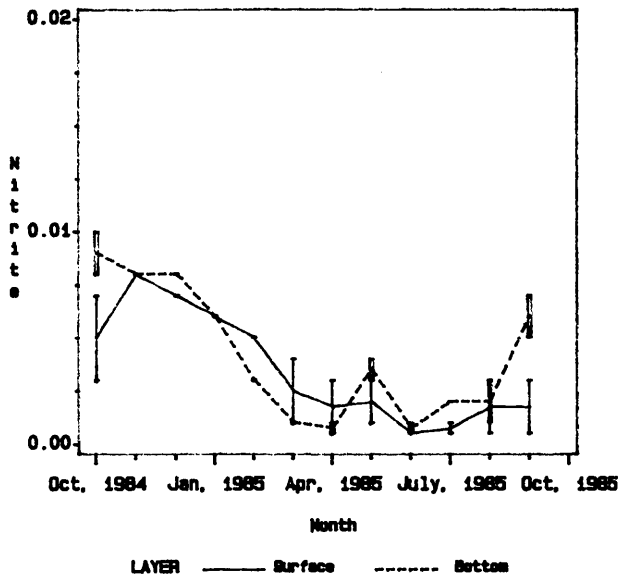
0.01
0.00
Nitrite
Oct. 1984 Jan. 1985 Apr. 1985 July. 1985 Oct. 1985
Month
LAYER Surface Bottom


Station Id=CB6.1
0.02
0.01
0.00
Nitrite
Oct. 1984 Jan. 1985 Apr. 1985 July. 1985 Oct. 1985
Month
Surface Bottom

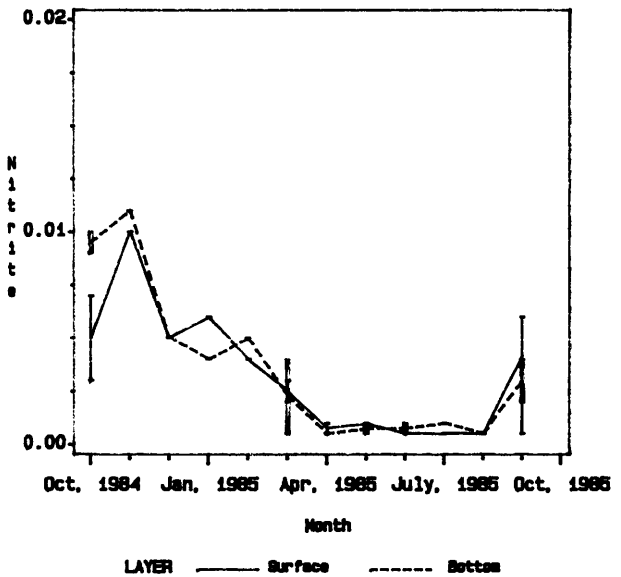

Station Id=CB6.2
0.02
0.01
0.00
Nitrite
Oct. 1984 Jan. 1985 Apr. 1985 July. 1985 Oct. 1985
Month
Surface Bottom


Station Id=CB6.3
0.02
0.01
0.00
Nitrite
Oct. 1984 Jan. 1985 Apr. 1985 July. 1985 Oct. 1985
Month
Surface Bottom

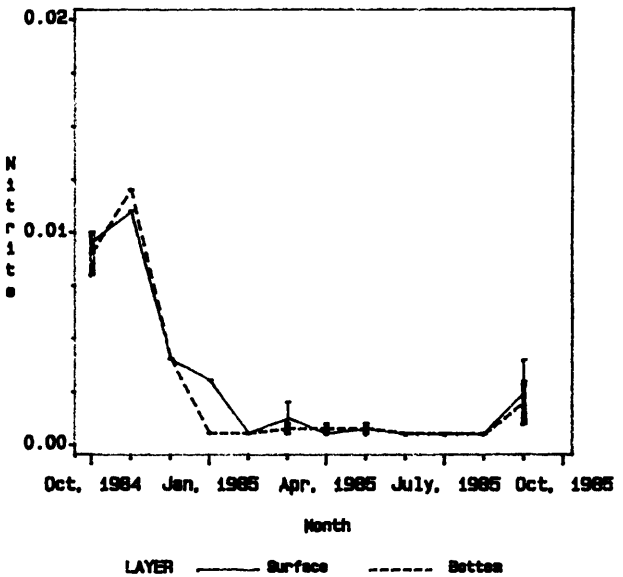
Station Id=CB6.4



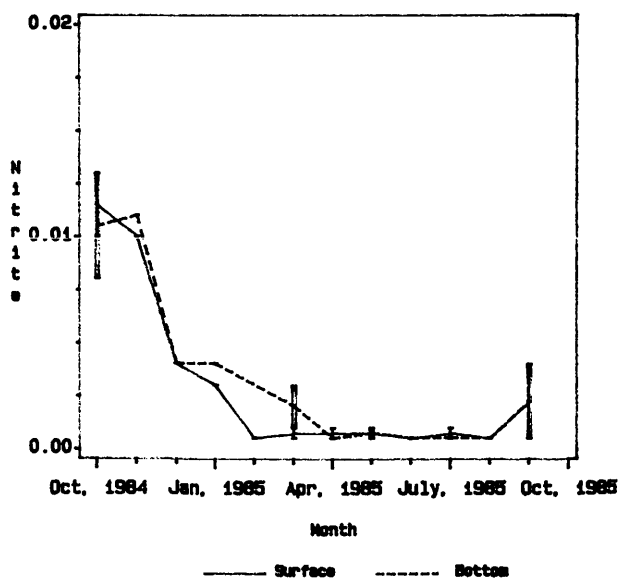
Station Id=CB7.3



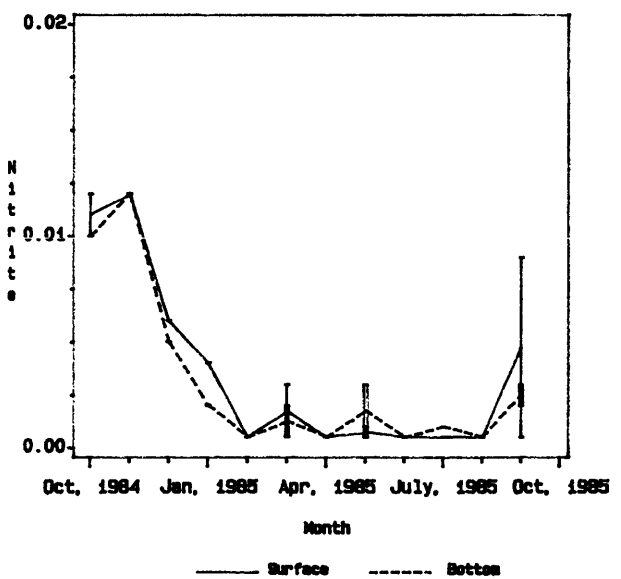
Station Id=CB7.4



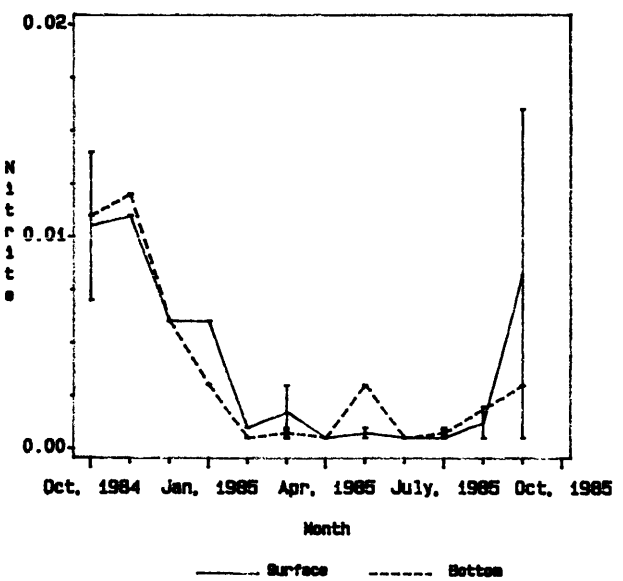
Station Id=CB7.4N



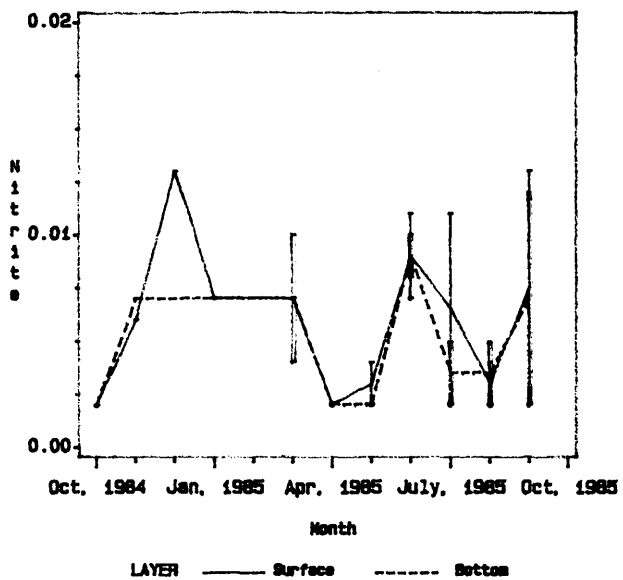
Station Id=CB8.1E



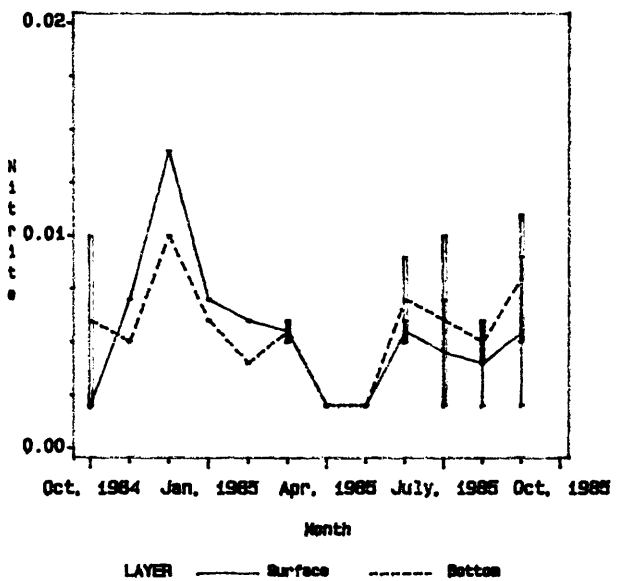
Station Id=CB8.1



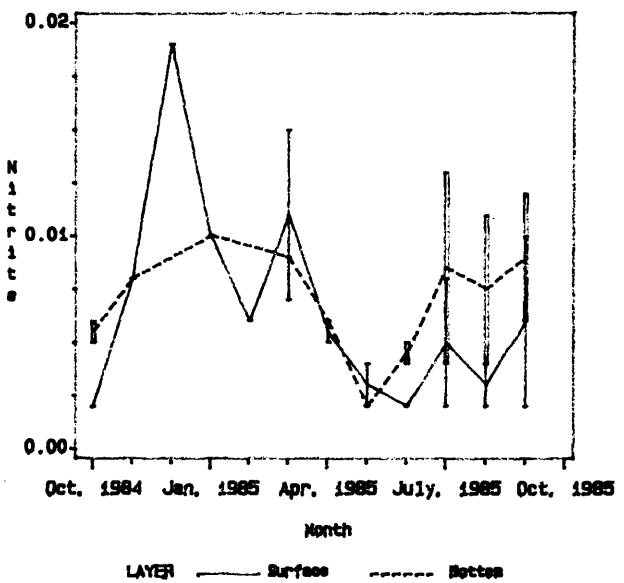
Station Id=EE3.1



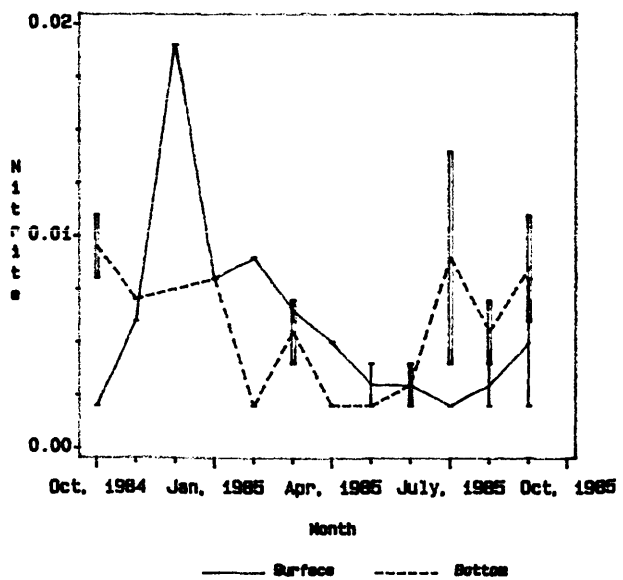
Station Id=EE3.2



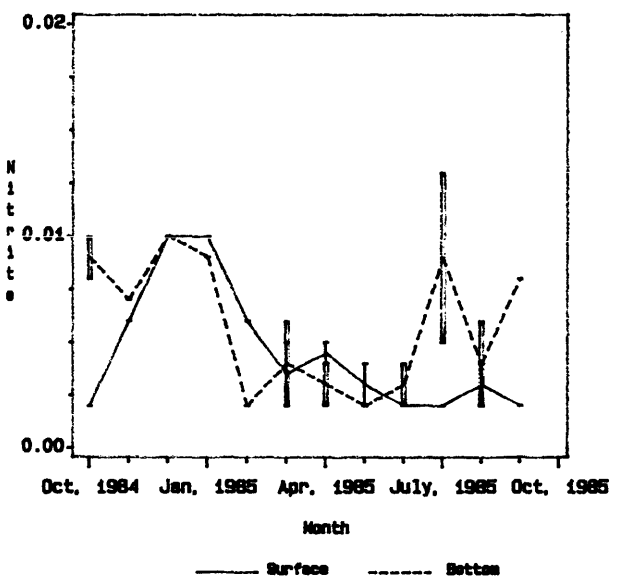
Station Id=CB7.1N



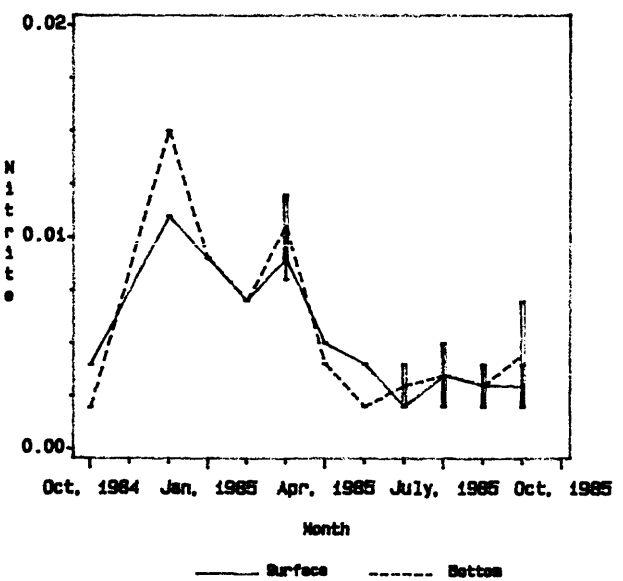
Station Id=CB7.1



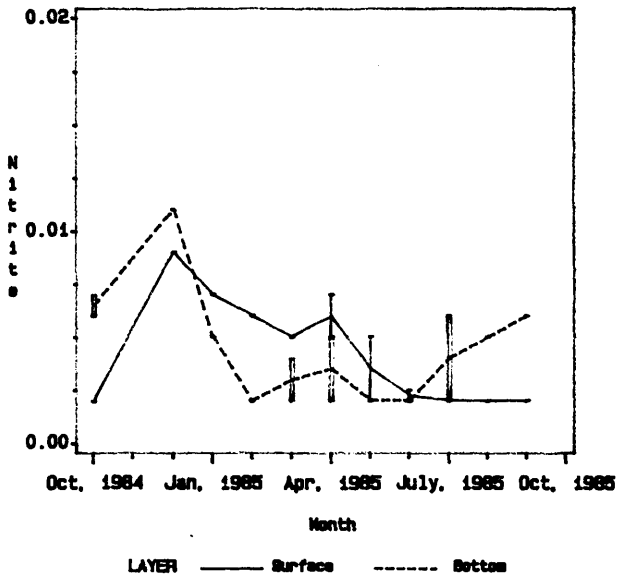
Station Id=CB7.1S



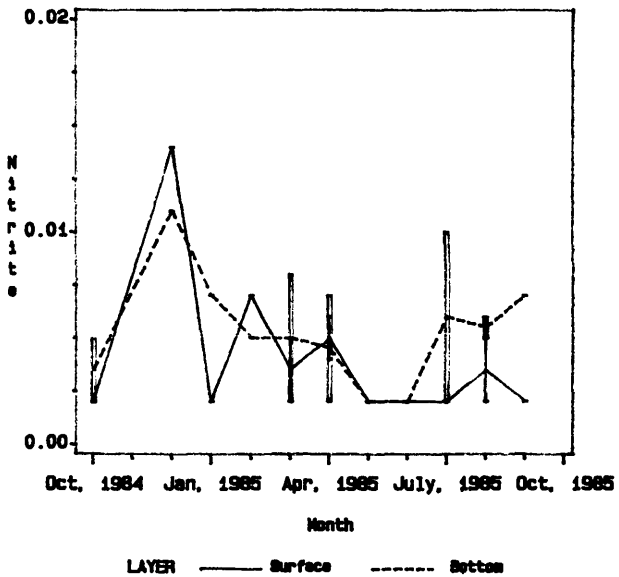
Station Id=CB5.4W



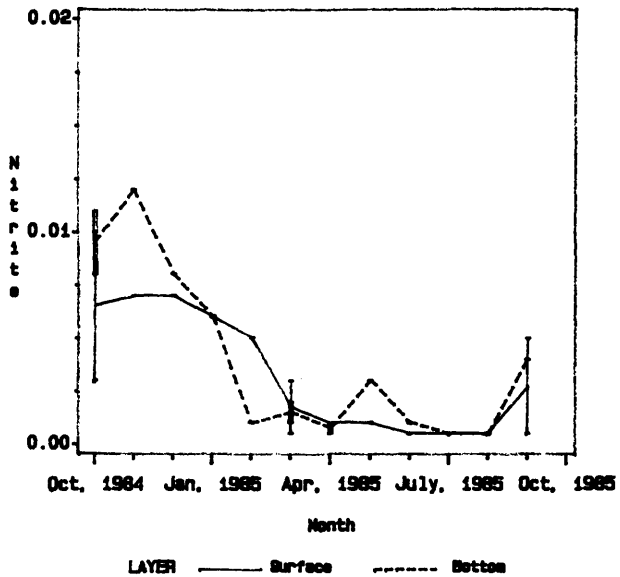
Station Id=CB7.2



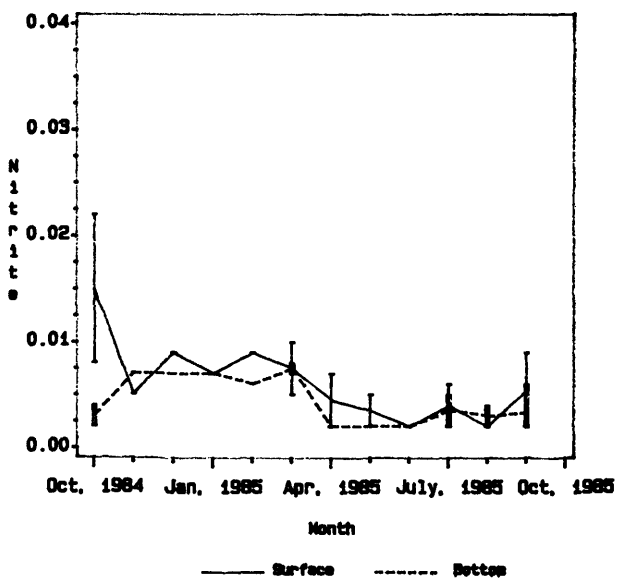
Station Id=CB7.2E



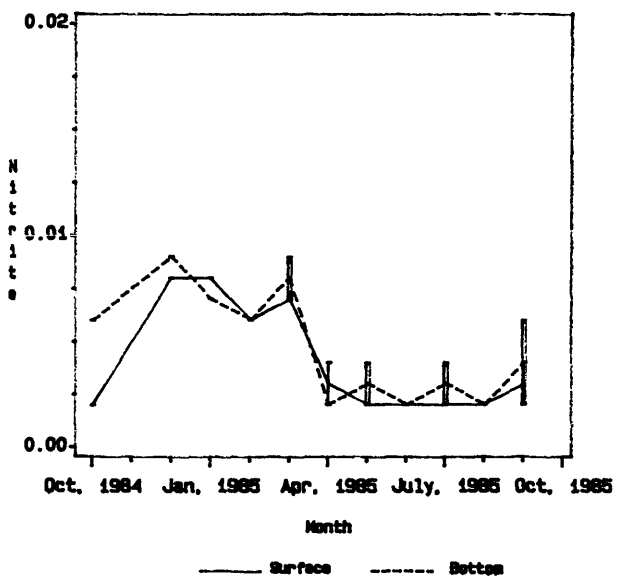
Station Id=CB7.3E

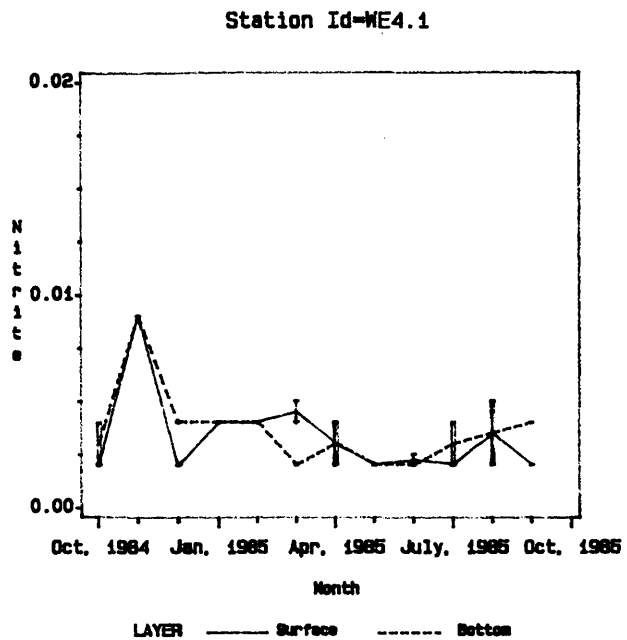


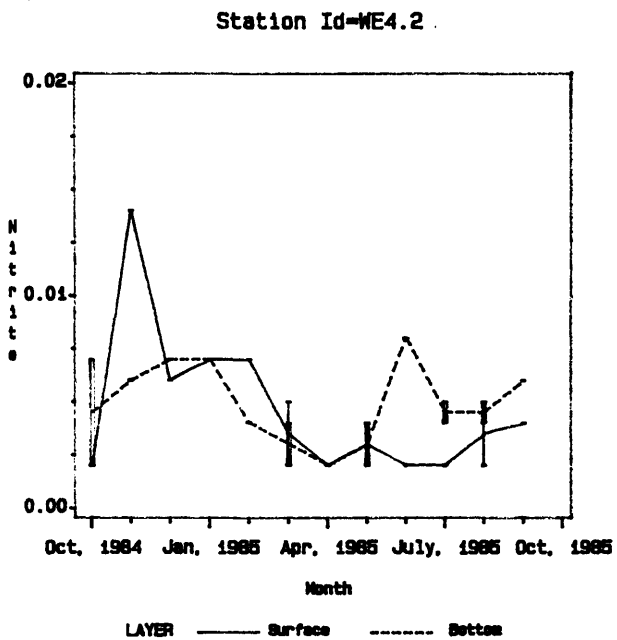
Station Id=LE3.6

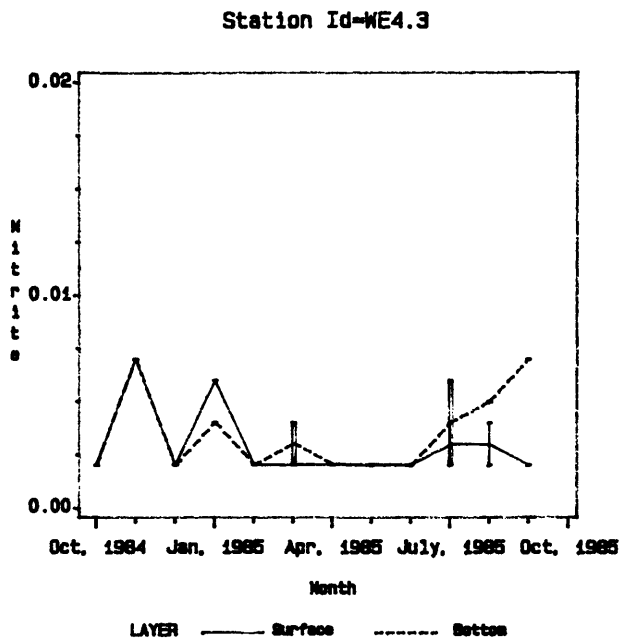


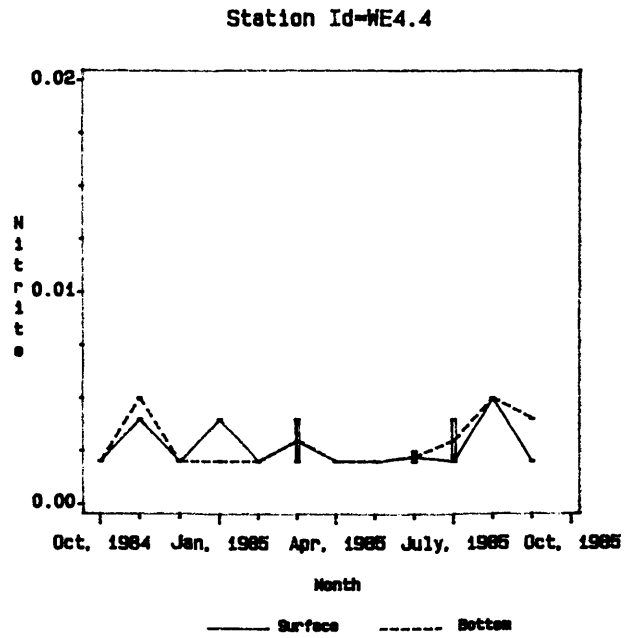
Station Id=LE3.7

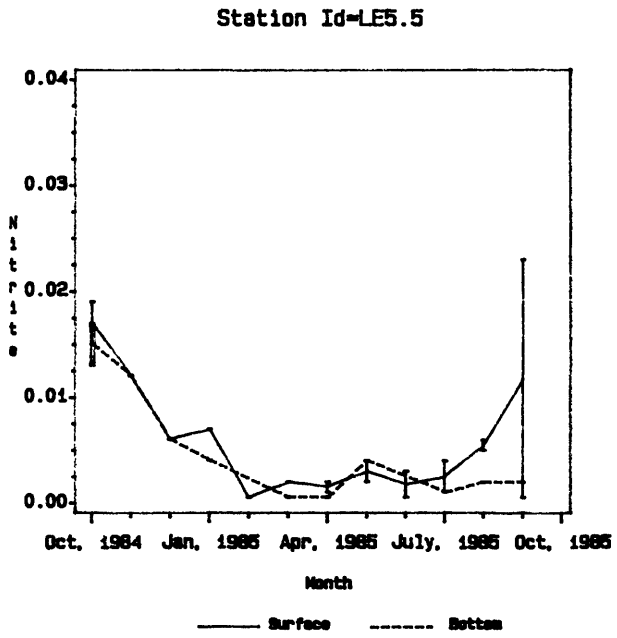



Station Id=WE4.1
0.02
0.01
0.00
Nitrite
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom


Station Id=WE4.2
0.02
0.01
0.00
Nitrite
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom


Station Id=WE4.3
0.02
0.01
0.00
Nitrite
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom


Station Id=WE4.4
0.02
0.01
0.00
Nitrite
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom


Station Id=LE5.5
0.04
0.03
0.02
0.01
0.00
Nitrite
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

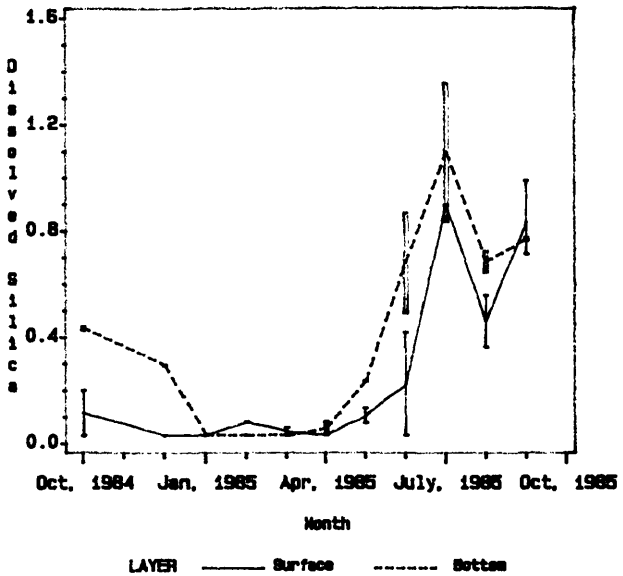
DISSOLVED SILICA

Values reported as mg/l.

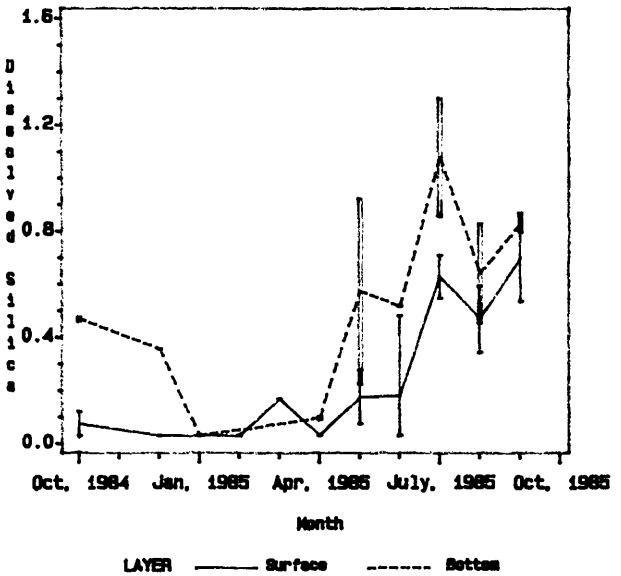
Silica
October, 1984 - September, 1985

	Silica					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	0.9860	0.2871	0.0280	1.3550	0.4469	0.0280
CB5.4.....	0.8680	0.2593	0.0280	1.2990	0.5503	0.0280
CB5.5.....	0.7030	0.2496	0.0280	1.1160	0.4270	0.0280
CB6.1.....	0.6720	0.2257	0.0280	0.9980	0.3903	0.0280
CB6.2.....	0.7030	0.2382	0.0280	1.0460	0.3965	0.0280
CB6.3.....	0.7410	0.2440	0.0280	0.9130	0.3272	0.0280
CB6.4.....	0.5930	0.2117	0.0140	0.9970	0.3163	0.0140
CB7.3.....	0.5540	0.1979	0.0140	0.4620	0.1865	0.0140
CB7.4.....	0.4290	0.1319	0.0140	0.3990	0.1191	0.0140
CB7.4N.....	0.4290	0.1126	0.0140	0.3900	0.1015	0.0140
CB8.1E.....	0.5070	0.1943	0.0140	0.3710	0.1479	0.0140
CB8.1.....	0.5820	0.2272	0.0140	0.5250	0.2135	0.0140
EE3.1.....	1.5800	0.4878	0.0280	1.5800	0.4643	0.0280
EE3.2.....	0.8570	0.2938	0.0280	0.8930	0.3039	0.0280
CB7.1N.....	0.7970	0.2257	0.0280	0.9980	0.3829	0.0280
CB7.1.....	0.6270	0.2104	0.0280	0.8580	0.3643	0.0280
CB7.1S.....	0.5550	0.1597	0.0280	0.7350	0.3007	0.0280
CB5.4W.....	0.9480	0.3916	0.0280	1.1720	0.4008	0.0280
CB7.2.....	0.6280	0.1946	0.0280	0.5990	0.2308	0.0280
CB7.2E.....	0.5670	0.1764	0.0280	0.5810	0.2187	0.0280
CB7.3E.....	0.4830	0.1731	0.0140	0.4430	0.1816	0.0140
LE3.6.....	1.0000	0.3365	0.0280	0.8150	0.3253	0.0280
LE3.7.....	1.1340	0.3764	0.0280	0.9280	0.3404	0.0280
WE4.1.....	0.8970	0.2672	0.0280	0.7710	0.2626	0.0280
WE4.2.....	0.8580	0.3470	0.0280	1.0280	0.2978	0.0280
WE4.3.....	0.7600	0.2667	0.0280	1.9160	0.3442	0.0280
WE4.4.....	0.5410	0.2033	0.0280	0.6160	0.2296	0.0280
LE5.5.....	0.8890	0.3577	0.0290	0.7810	0.2972	0.0310

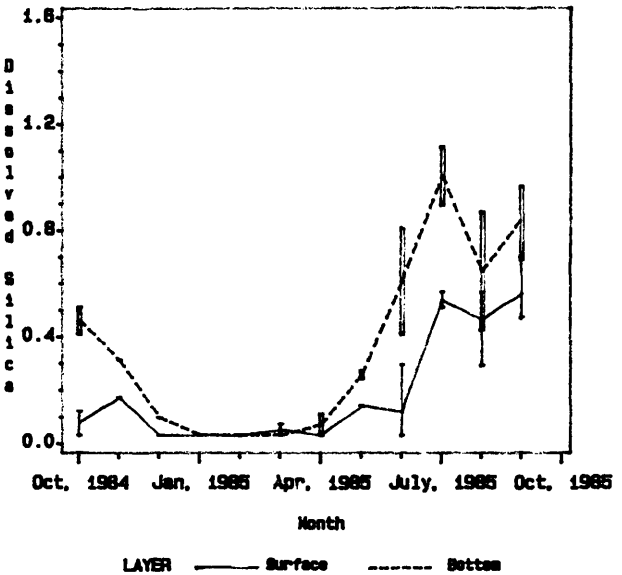
Station Id=CB5.3



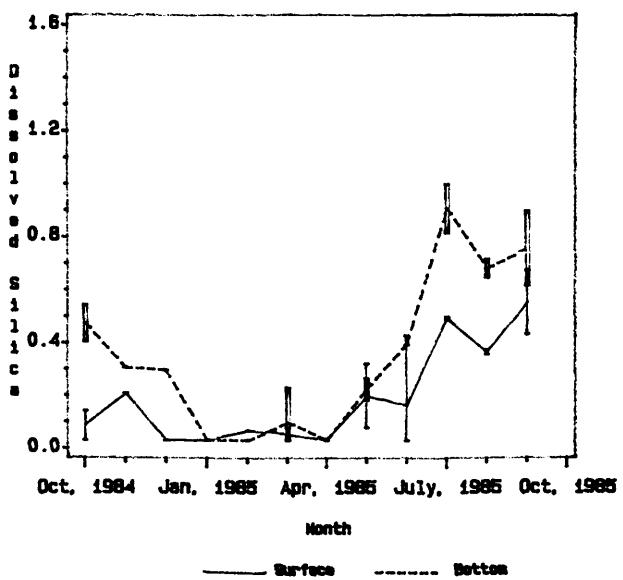
Station Id=CB5.4



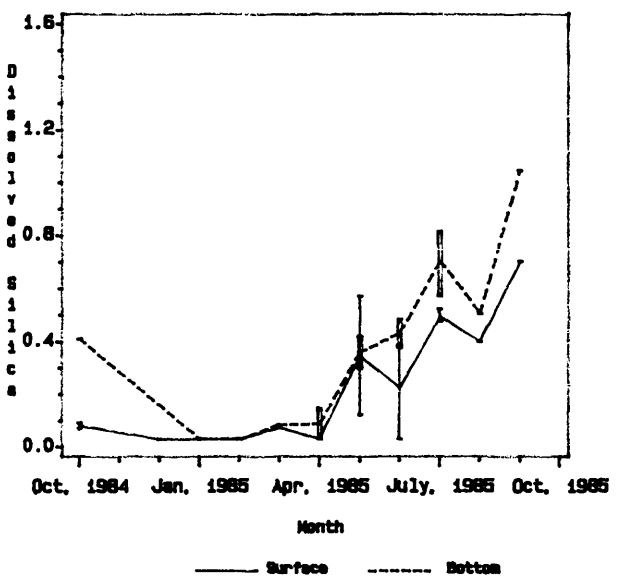
Station Id=CB5.5



Station Id=CB6.1



Station Id=CB6.2



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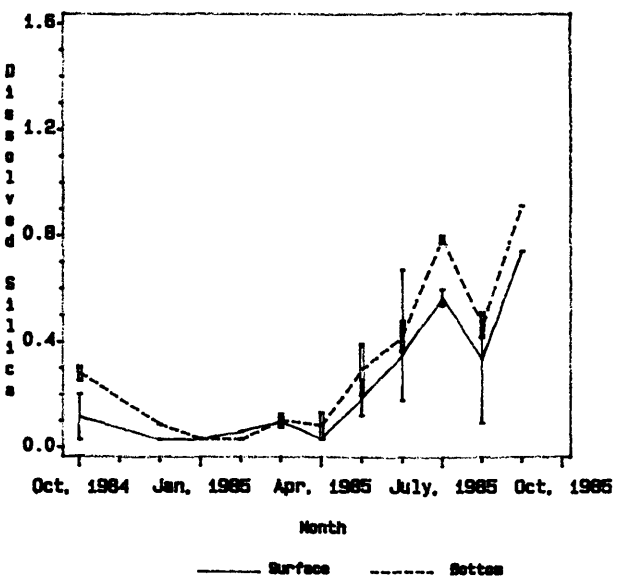

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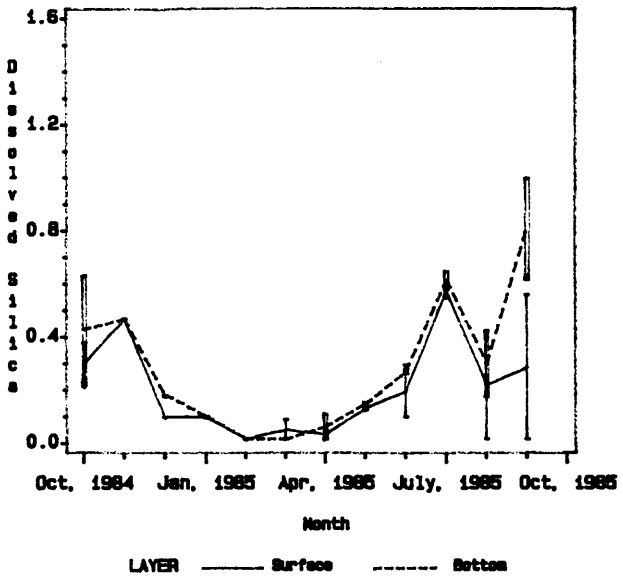
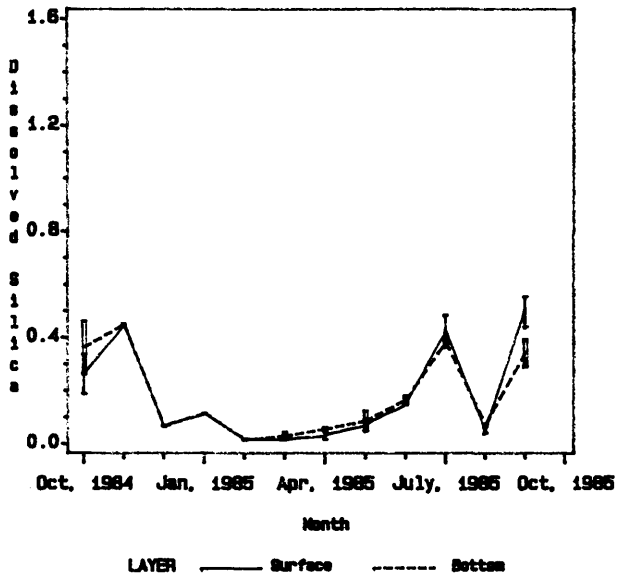
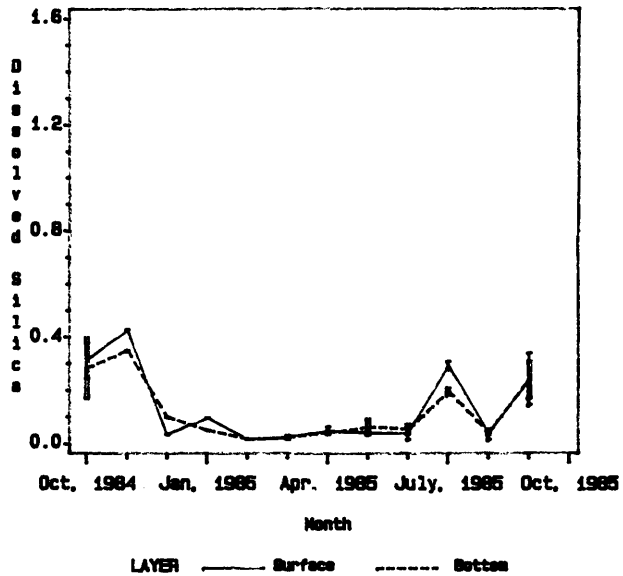


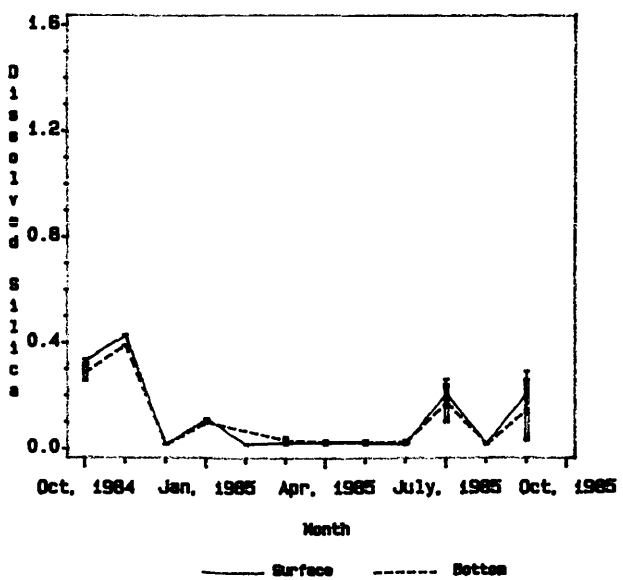
Station Id=CB7.3



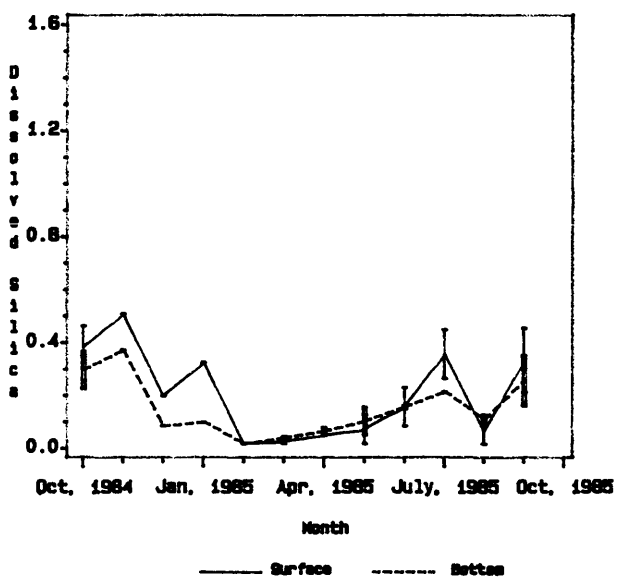
Station Id=CB7.4



Station Id=CB7.4N



Station Id=CB8.1E



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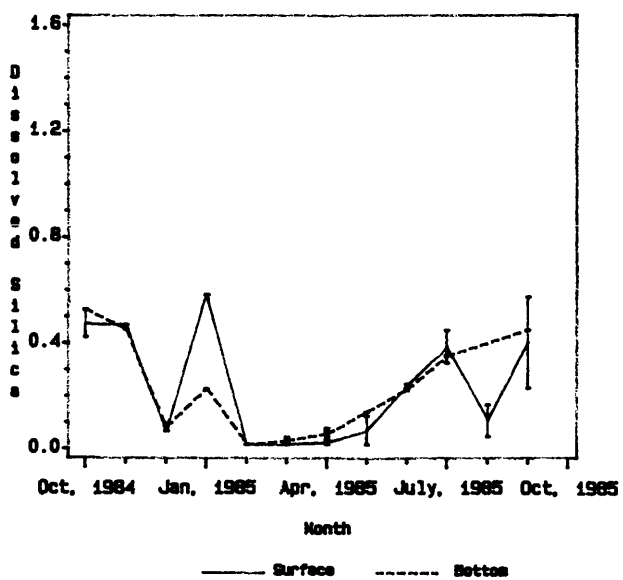
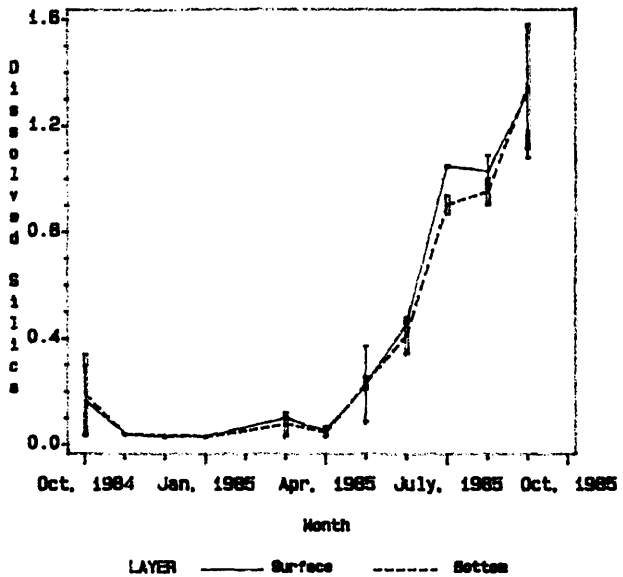
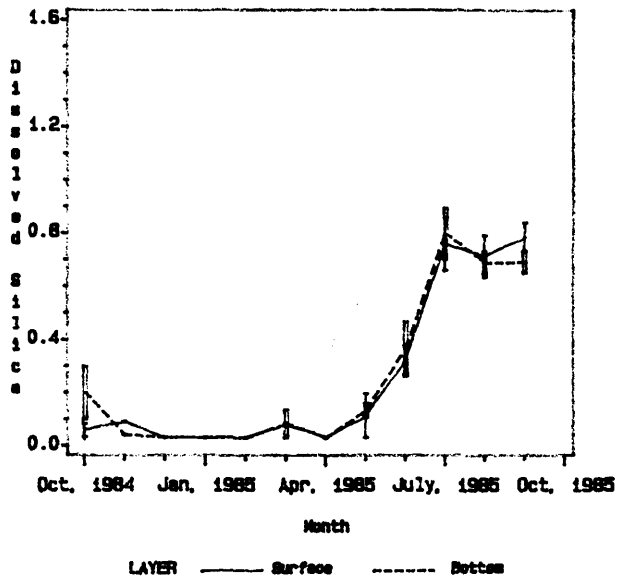


Station Id=EE3.1



Station Id=EE3.2



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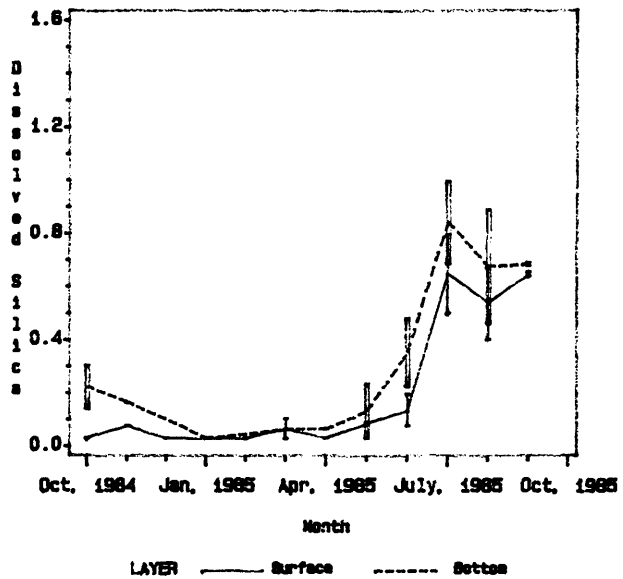
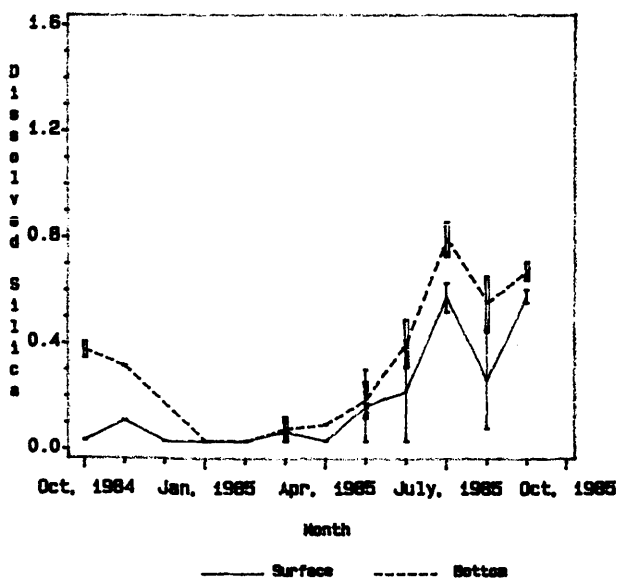
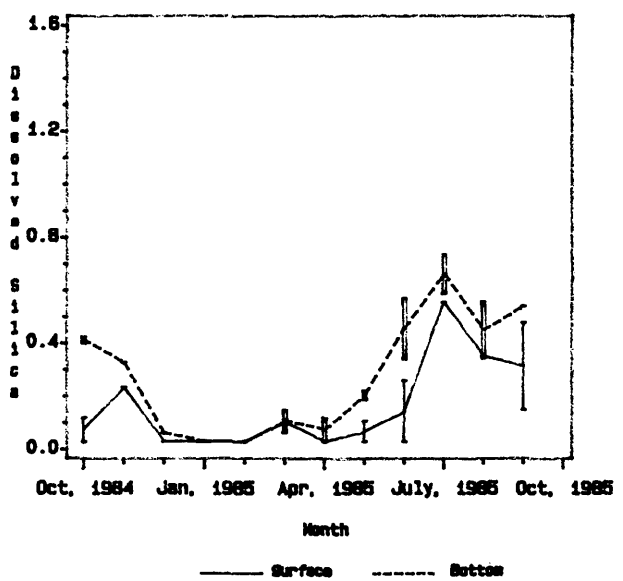


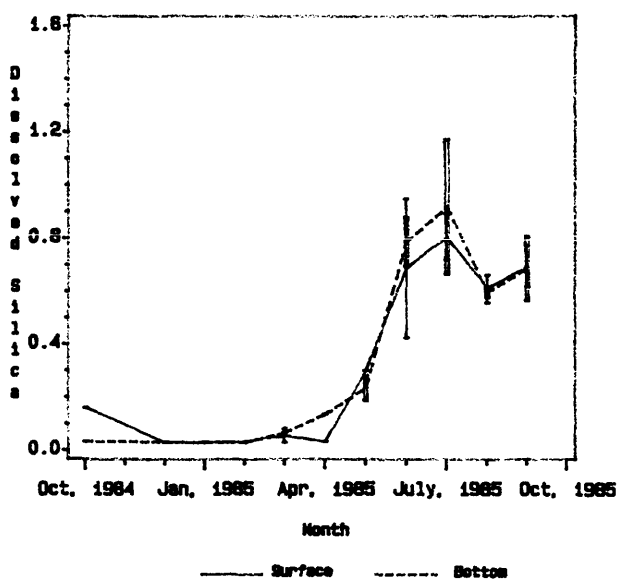
Station Id=CB7.1



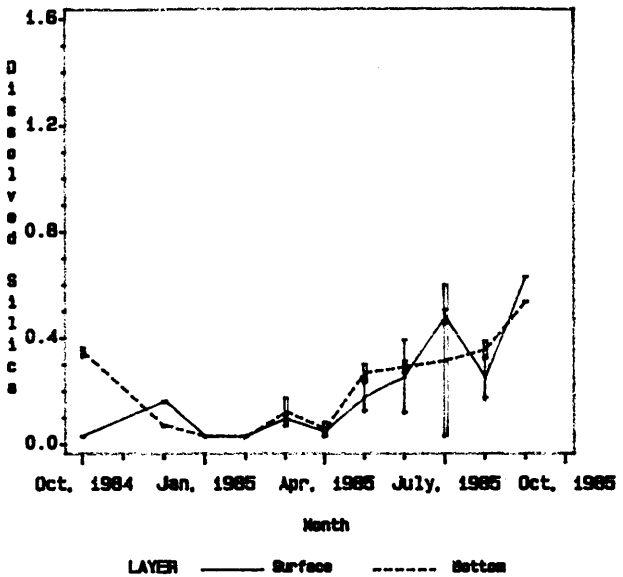
Station Id=CB7.1S



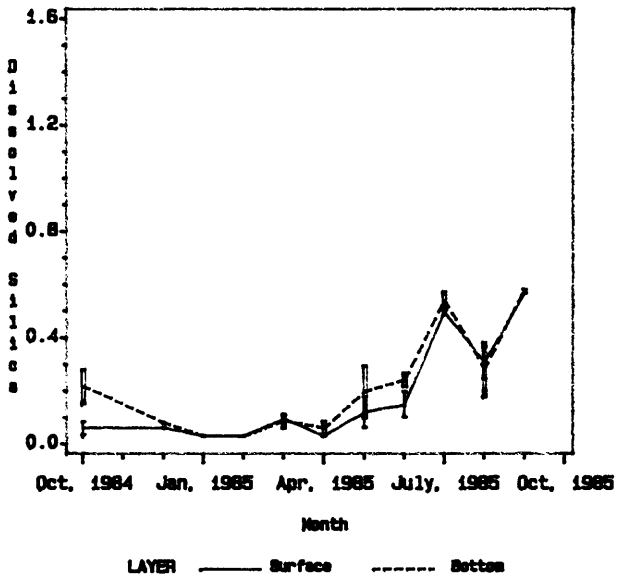
Station Id=CB5.4W



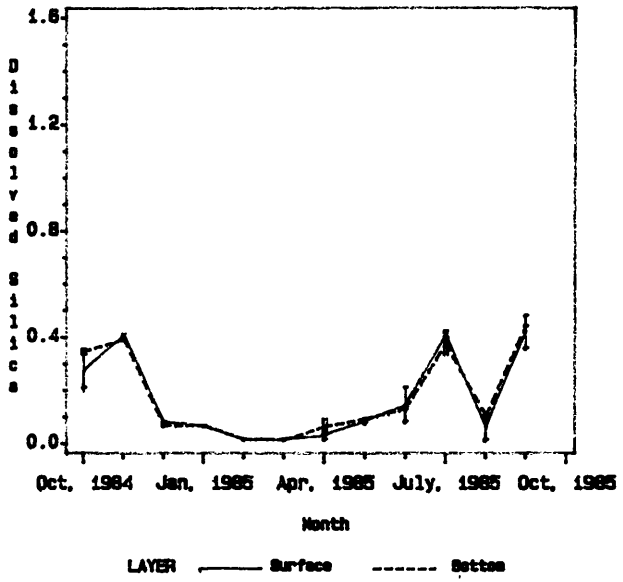
Station Id=CB7.2



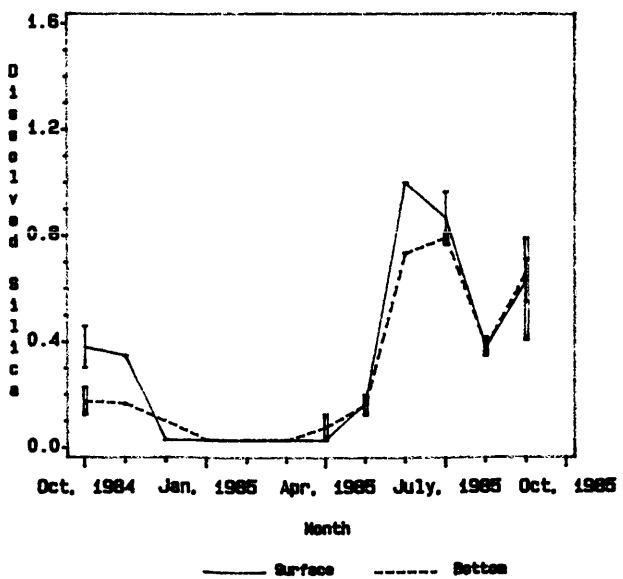
Station Id=CB7.2E



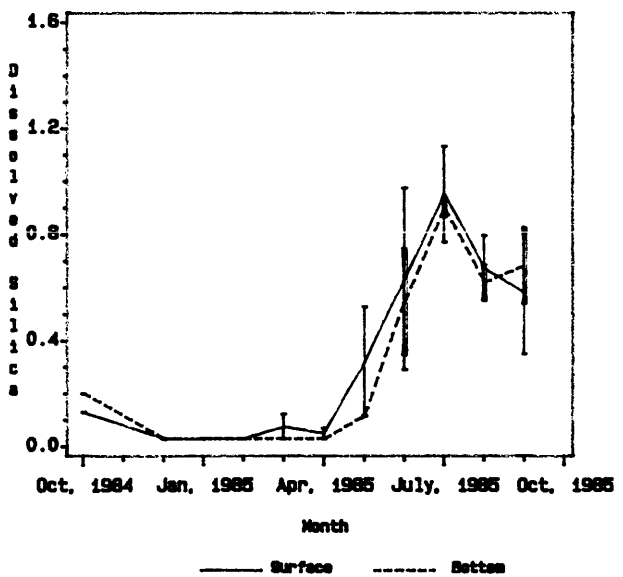
Station Id=CB7.3E



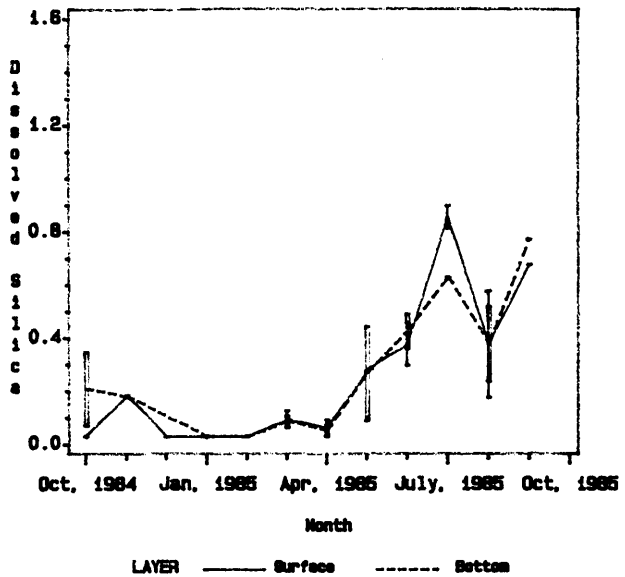
Station Id=LE3.6



Station Id=LE3.7



Station Id=WE4.1



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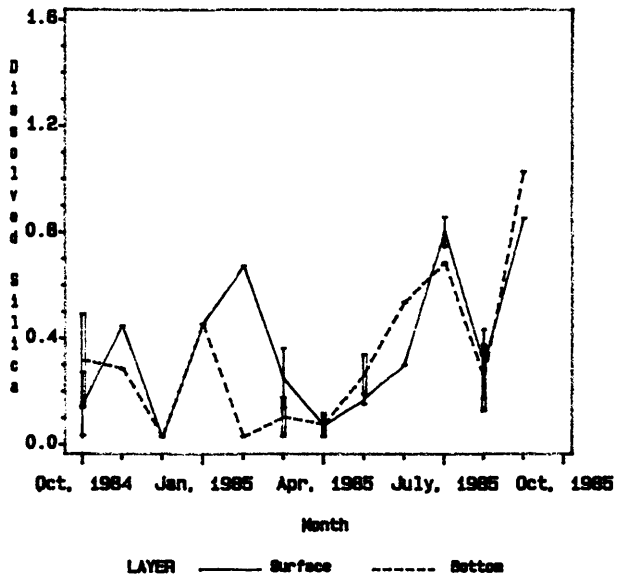

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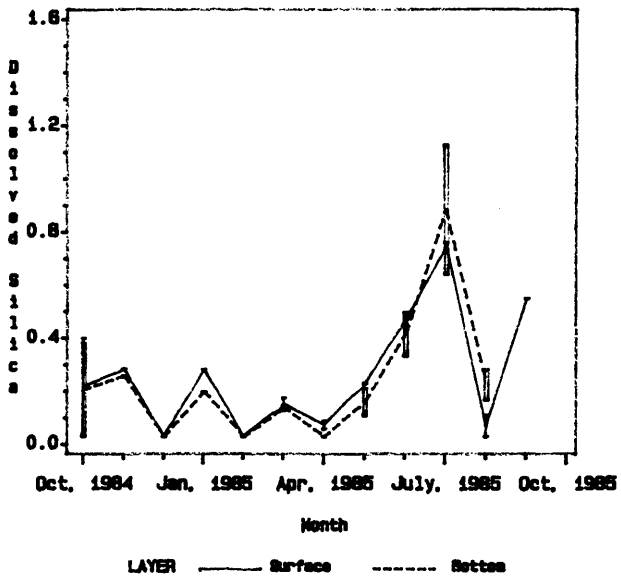
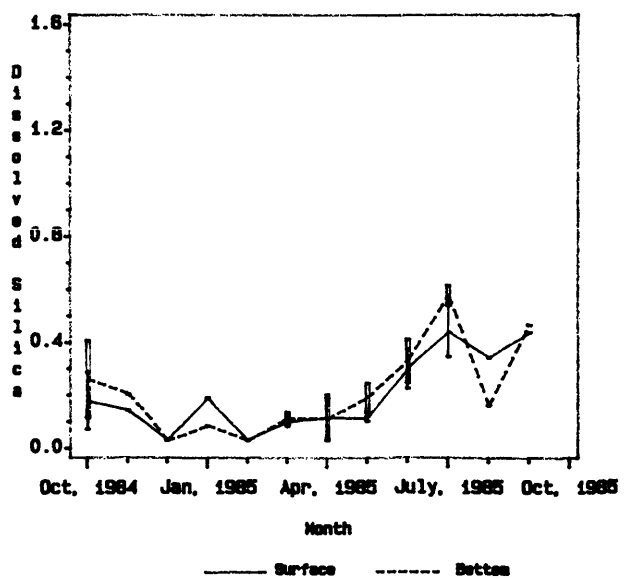
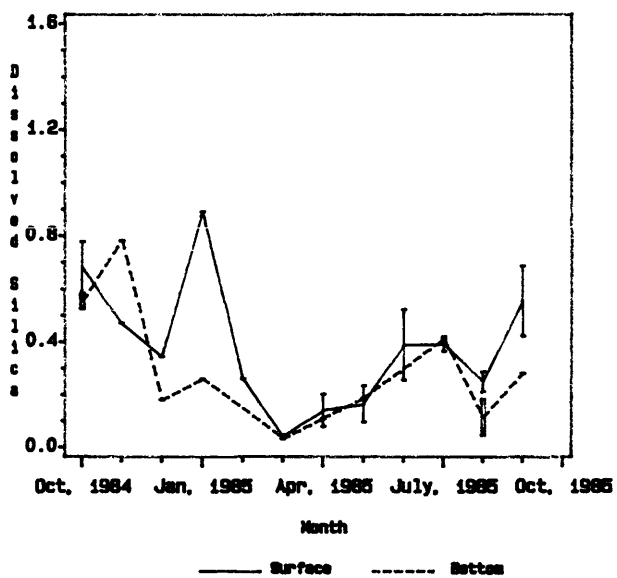


Station Id=WE4.4



Station Id=LE5.5



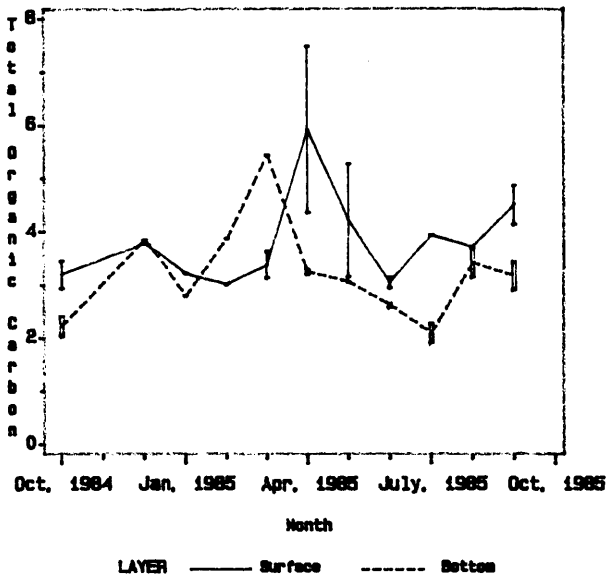
TOTAL ORGANIC CARBON

Values reported as mg/l.

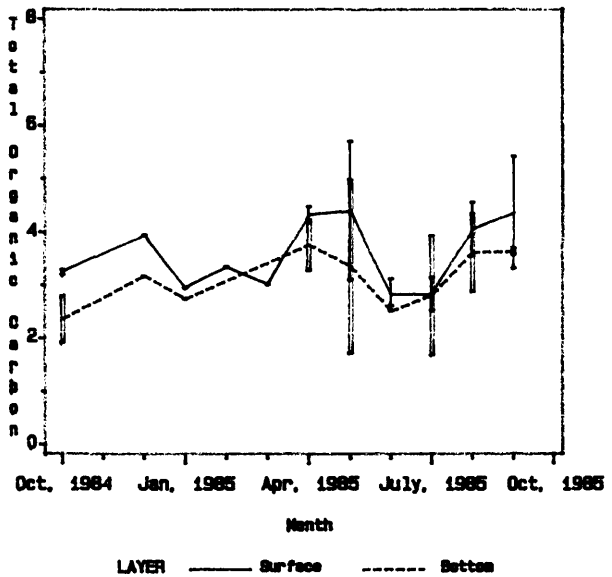
Total Organic Carbon
October, 1984 - September, 1985

	Total Organic Carbon					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	7.473	3.906	2.930	5.424	3.078	1.889
CB5.4.....	5.707	3.586	2.514	4.990	3.162	1.675
CB5.5.....	5.806	3.487	2.638	5.305	3.081	1.165
CB6.1.....	5.428	3.574	2.363	6.929	3.189	1.805
CB6.2.....	4.852	3.447	2.160	4.708	2.923	1.765
CB6.3.....	5.406	3.599	1.879	5.697	3.194	1.697
CB6.4.....	4.604	3.063	1.880	4.390	2.488	1.111
CB7.3.....	4.320	2.693	1.571	3.844	2.041	0.500
CB7.4.....	3.448	2.031	0.500	3.375	1.959	0.500
CB7.4N.....	3.990	2.117	0.500	3.249	1.955	0.500
CB8.1E.....	4.183	2.433	1.189	3.202	1.920	0.500
CB8.1.....	4.575	2.767	1.895	3.522	2.423	1.076
EE3.1.....	6.256	4.420	2.792	5.965	4.459	2.816
EE3.2.....	7.172	4.174	2.600	6.687	4.295	2.660
CB7.1N.....	6.550	3.755	2.498	5.211	3.598	2.386
CB7.1.....	5.225	3.493	2.630	5.529	3.566	2.239
CB7.1S.....	6.783	3.796	2.280	4.728	3.000	1.716
CB5.4W.....	5.819	3.996	3.020	5.836	3.823	2.710
CB7.2.....	5.000	3.251	2.205	4.251	2.567	0.700
CB7.2E.....	4.936	3.189	2.103	5.043	2.954	1.763
CB7.3E.....	4.640	2.594	1.249	3.700	2.422	1.227
LE3.6.....	8.887	3.939	2.540	6.521	4.018	1.760
LE3.7.....	5.944	4.085	2.520	6.762	4.044	2.750
WE4.1.....	5.493	3.521	2.478	5.160	3.392	2.391
WE4.2.....	5.732	3.466	2.195	5.392	3.646	2.247
WE4.3.....	6.206	3.582	2.476	7.402	3.533	2.057
WE4.4.....	5.588	3.706	1.980	5.102	3.451	2.540
LE5.5.....	7.080	3.371	1.744	3.750	2.433	1.623

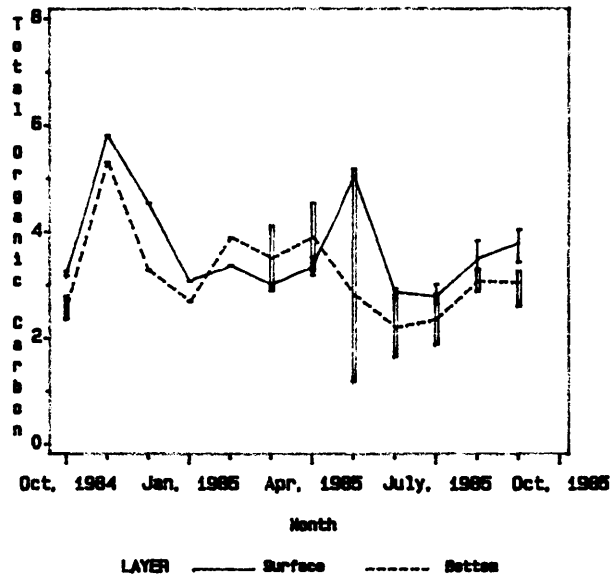
Station Id=CB5.3



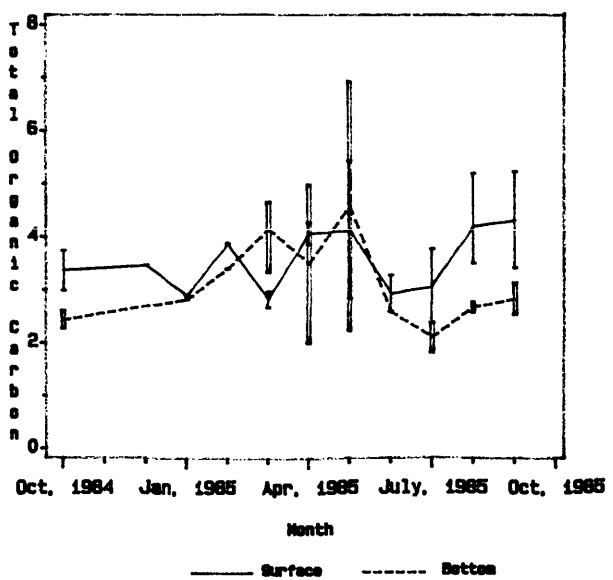
Station Id=CB5.4



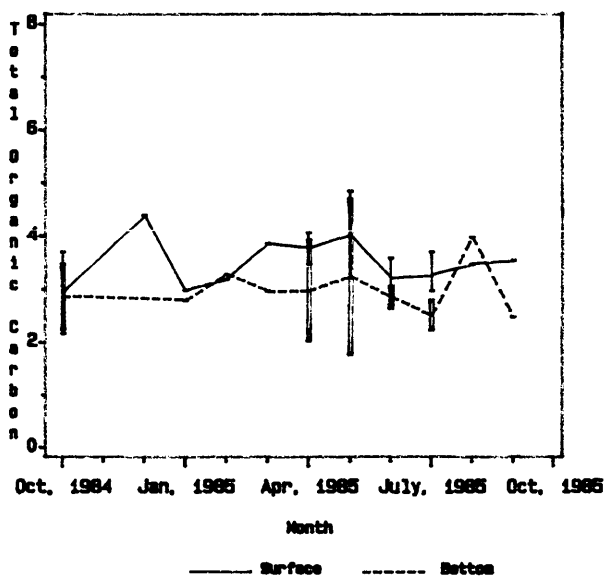
Station Id=CB5.5



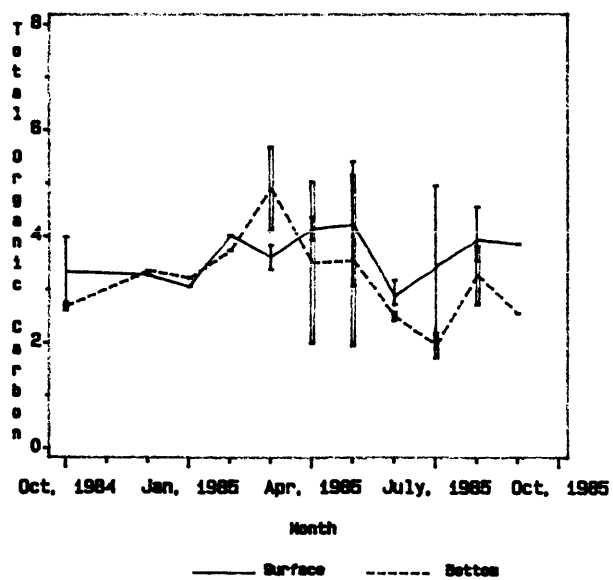
Station Id=CB6.1



Station Id=CB6.2



Station Id=CB6.3



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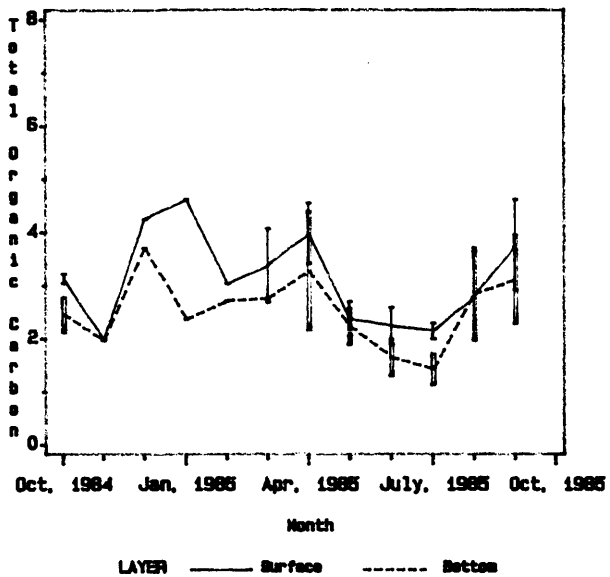

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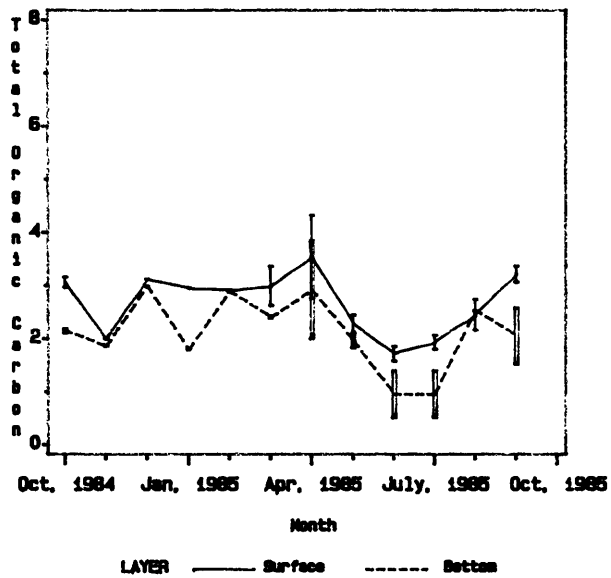

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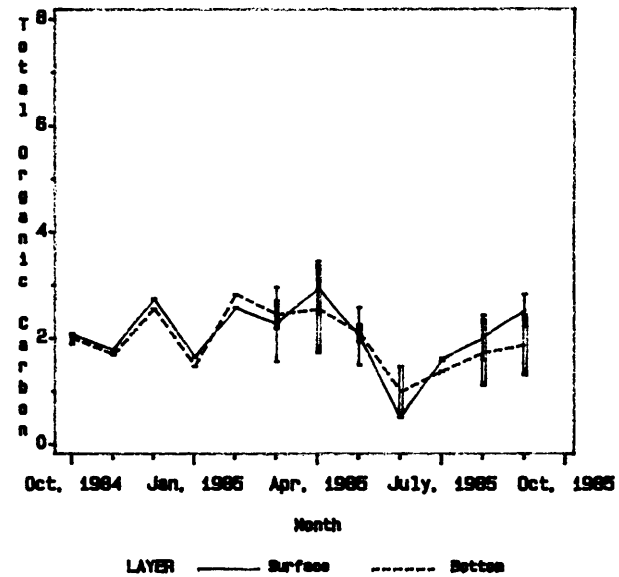
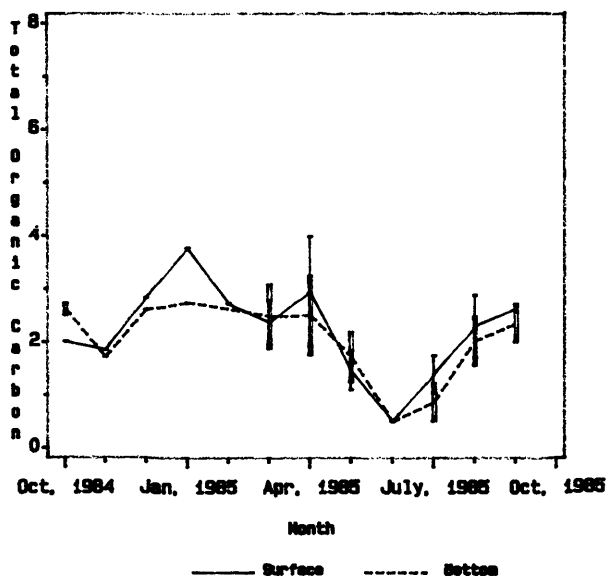
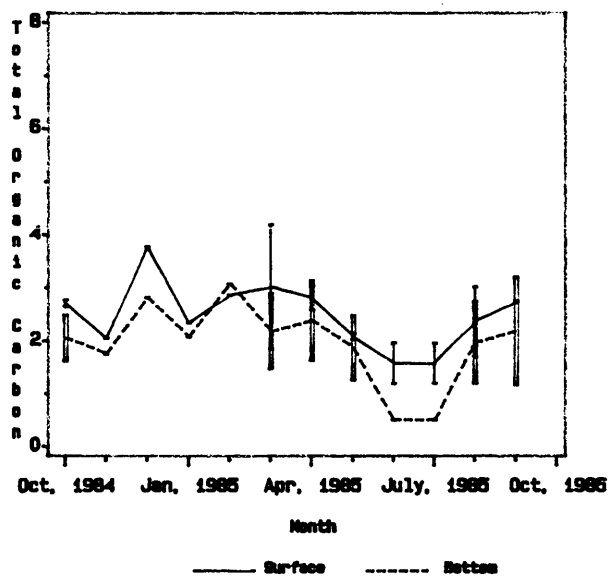


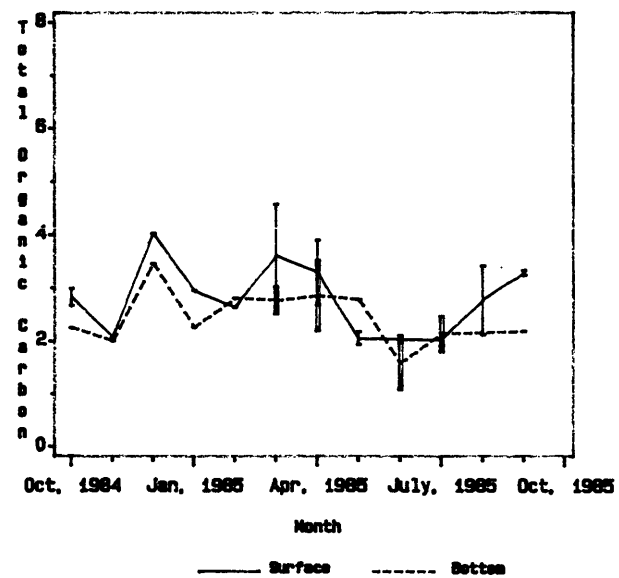
Station Id=CB7.4N



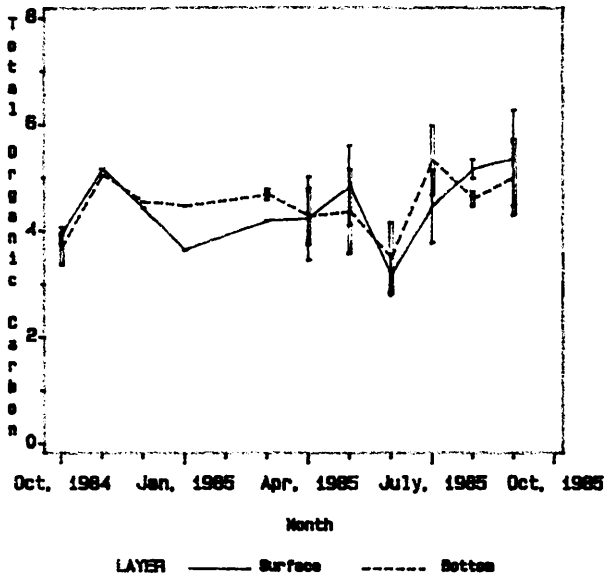
Station Id=CB8.1E



Station Id=CB8.1



Station Id=EE3.1



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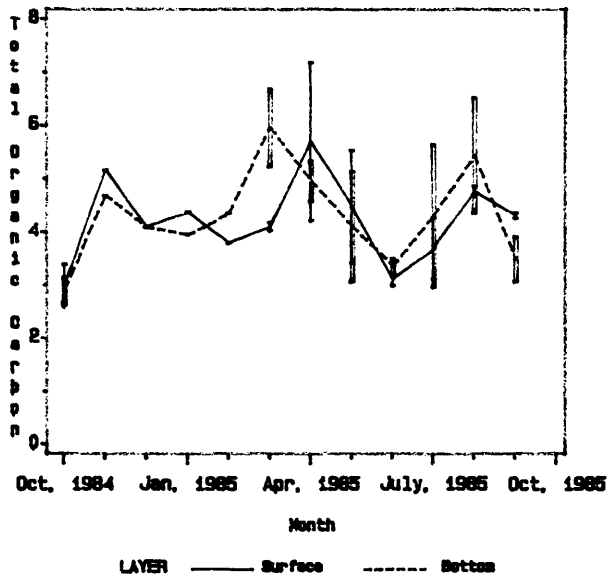

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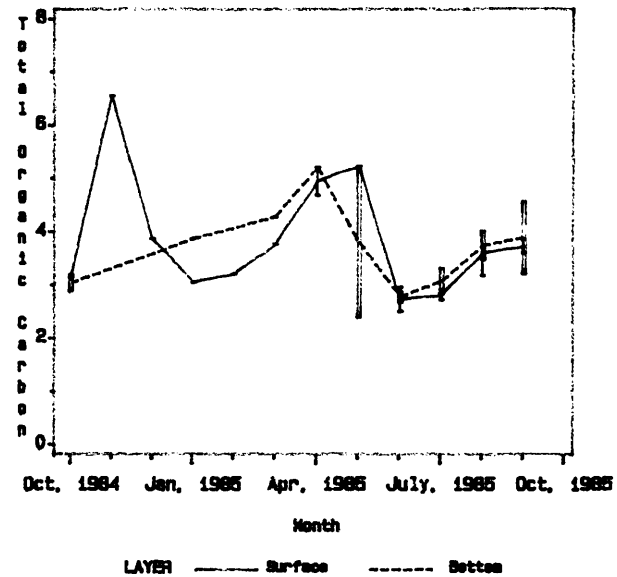

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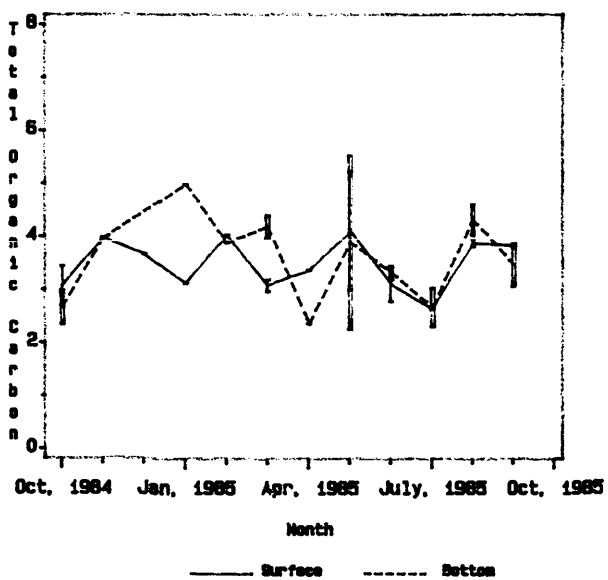
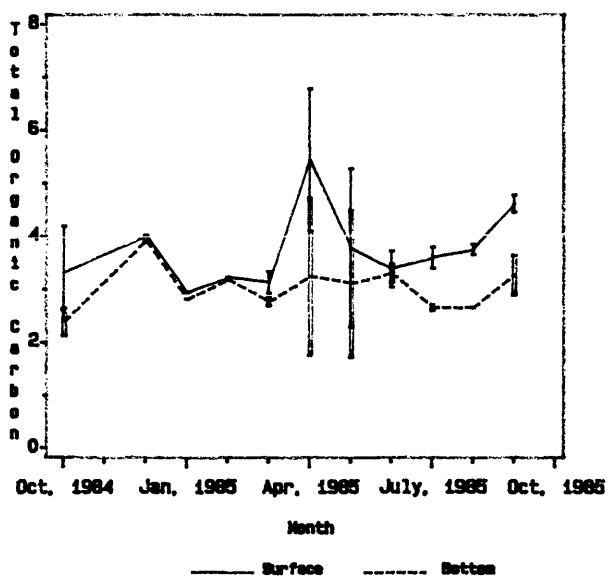
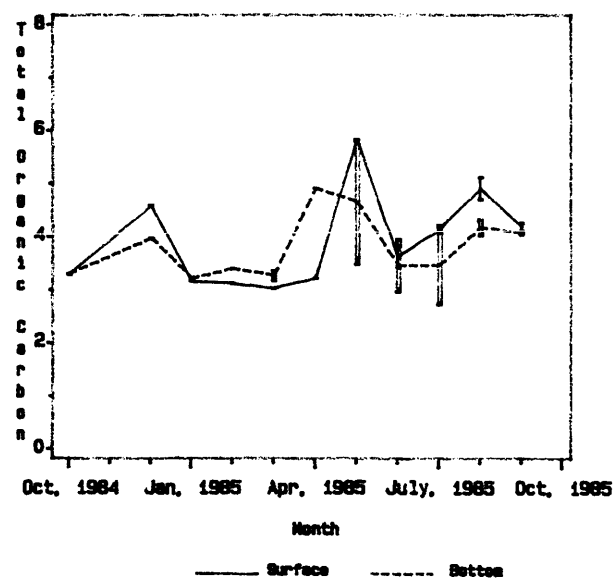


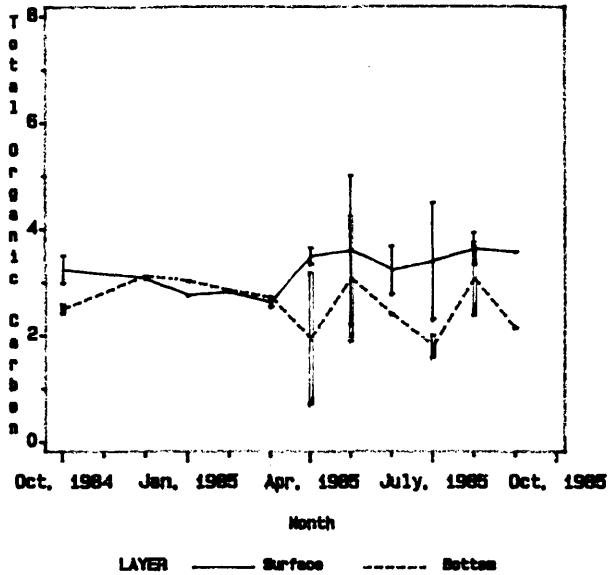
Station Id=CB7.1S



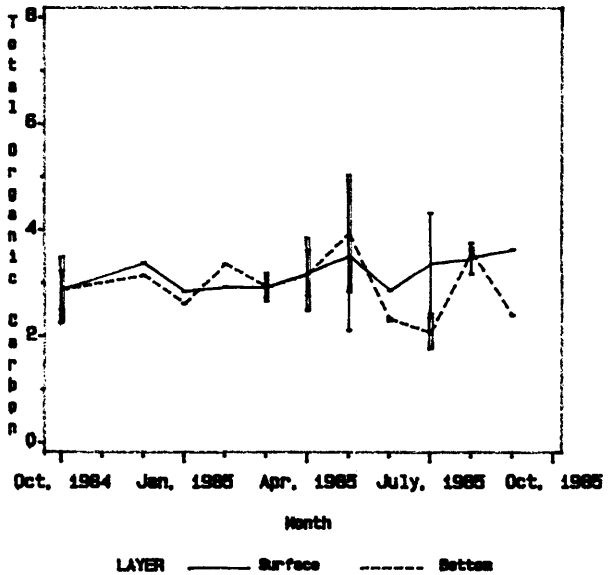
Station Id=CB5.4W



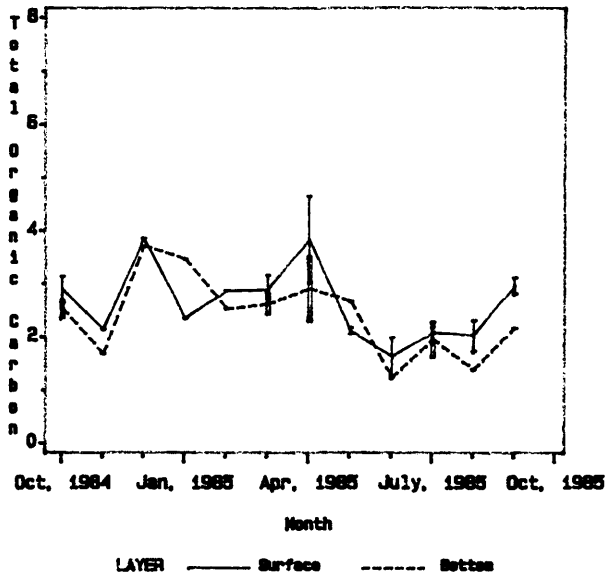
Station Id=CB7.2



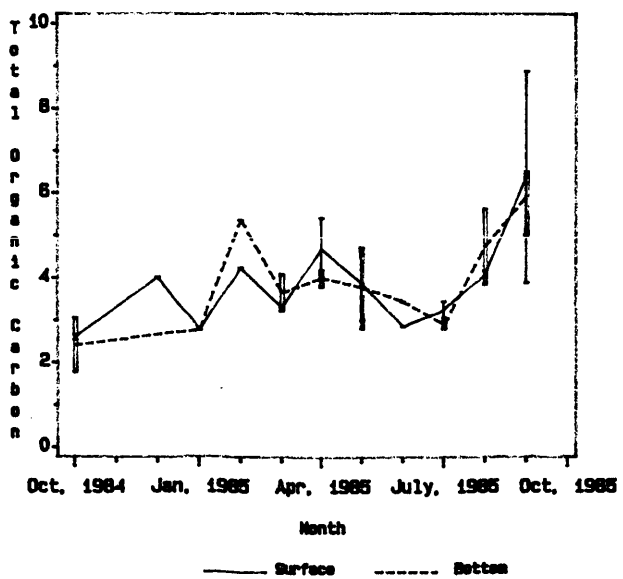
Station Id=CB7.2E



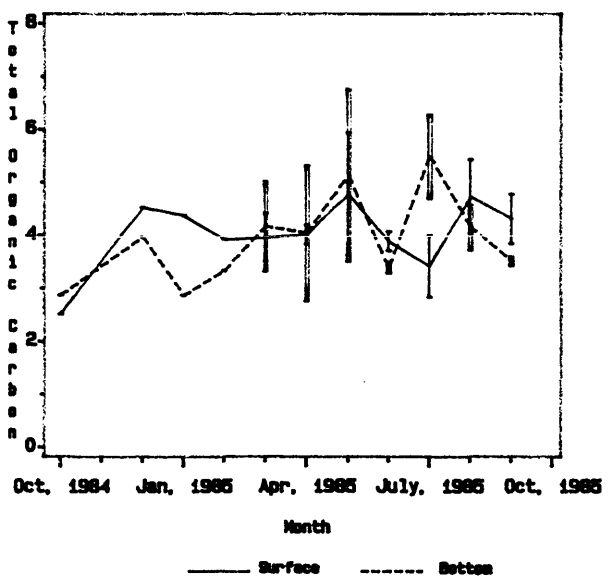
Station Id=CB7.3E



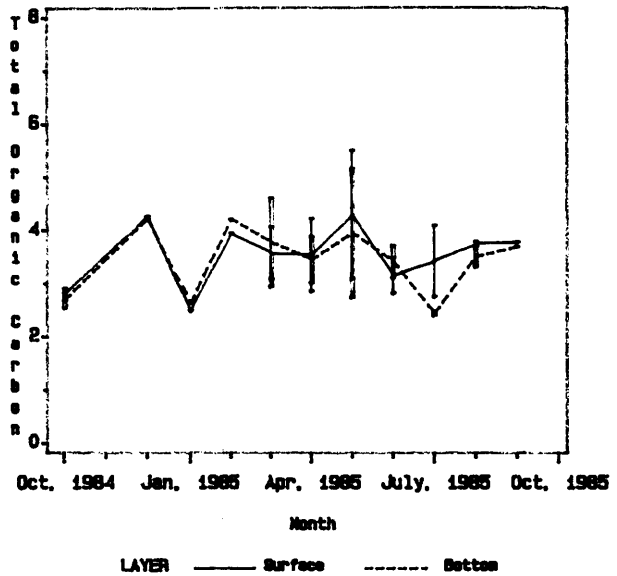
Station Id=LE3.6



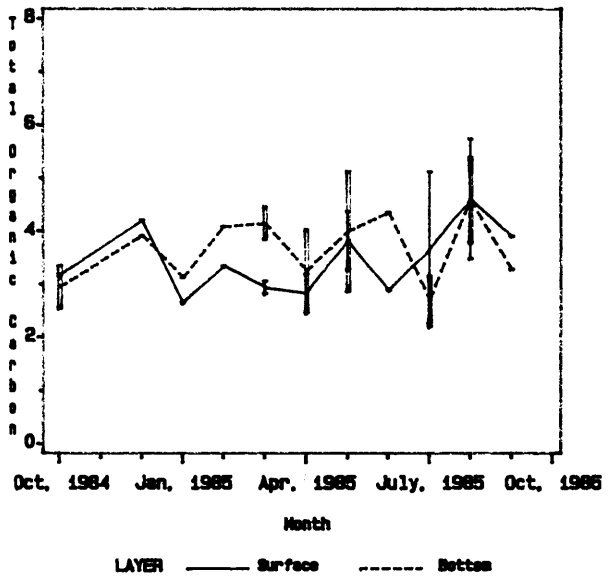
Station Id=LE3.7



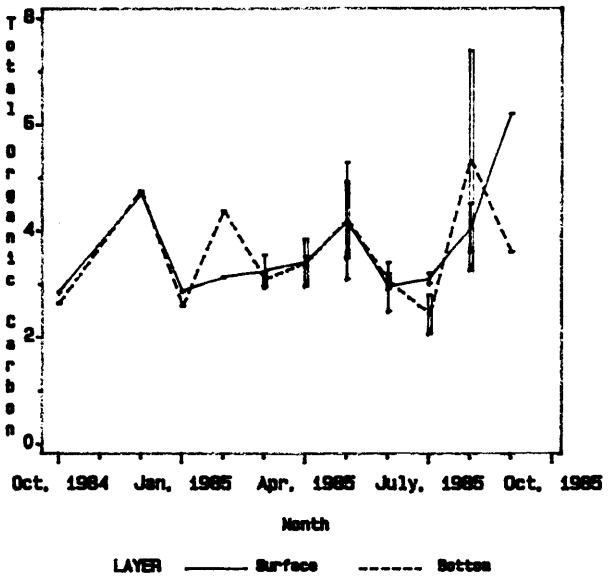
Station Id=WE4.1



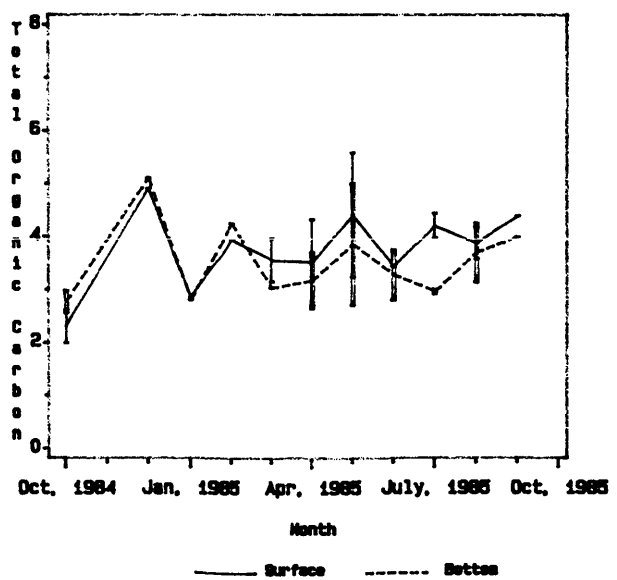
Station Id=WE4.2



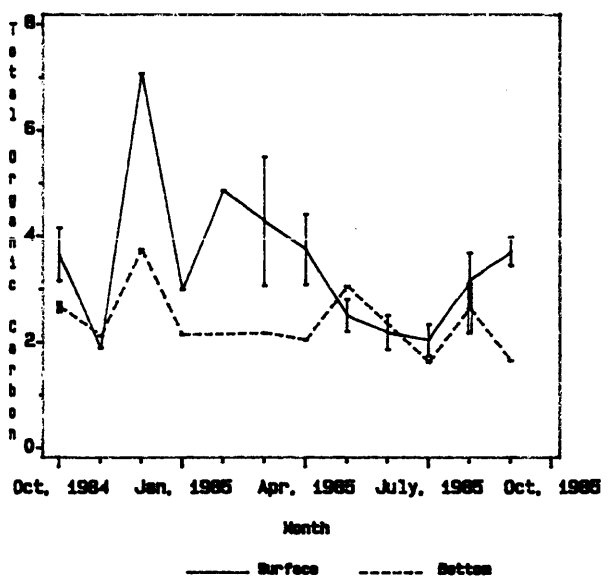
Station Id=WE4.3



Station Id=WE4.4



Station Id=LE5.5

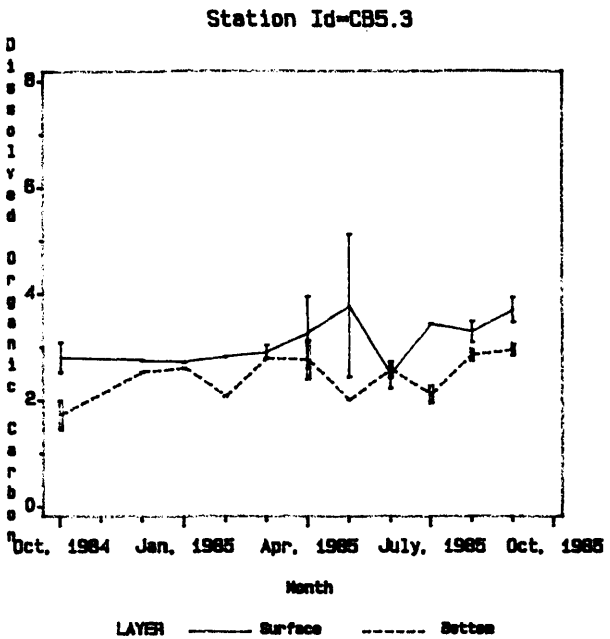


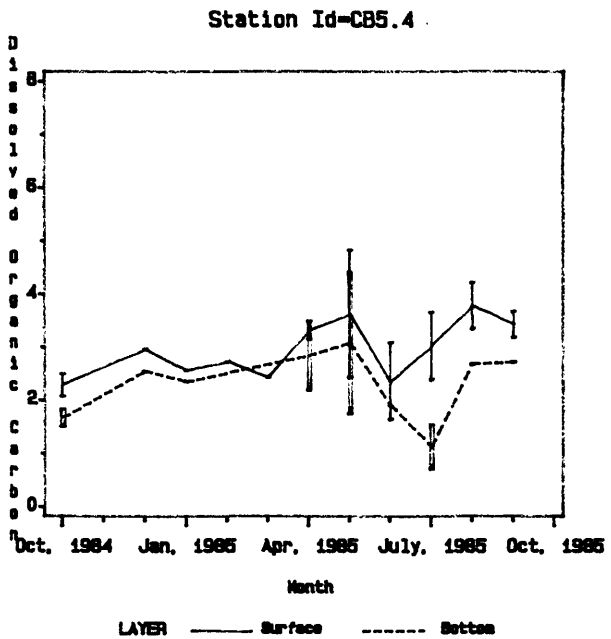
DISSOLVED ORGANIC CARBON

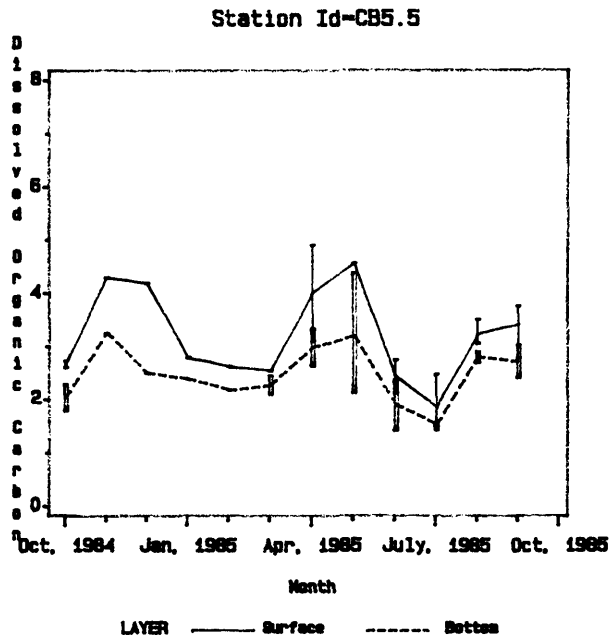
Values reported as mg/l.

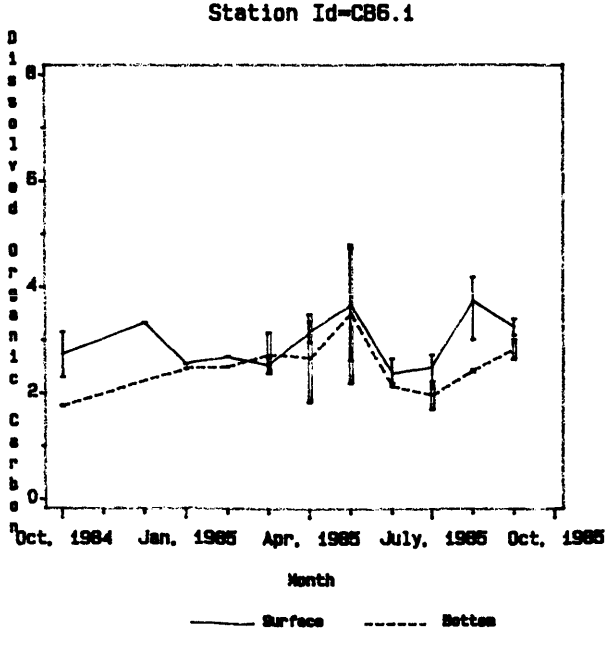
Dissolved Organic Carbon
October, 1984 - September, 1985

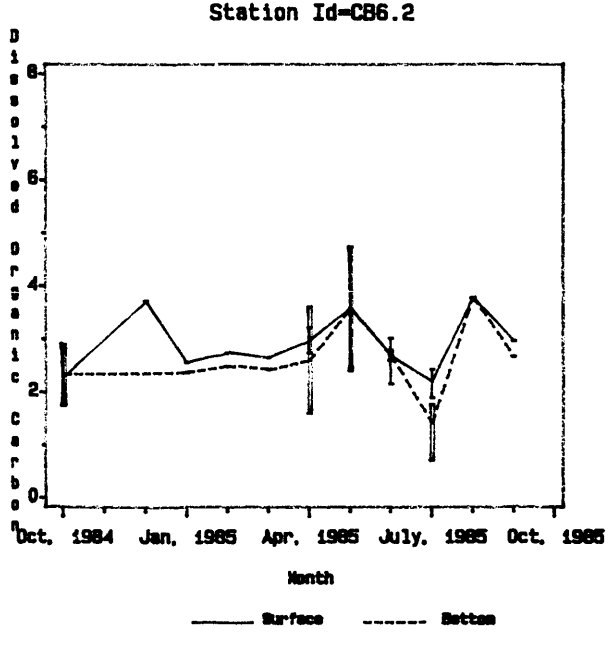
	Dissolved Organic Carbon					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	5.117	3.147	2.212	3.125	2.463	1.450
CB5.4.....	4.823	2.977	1.638	4.423	2.334	0.700
CB5.5.....	4.901	3.024	1.416	4.380	2.498	1.408
CB6.1.....	4.737	2.959	2.088	4.821	2.531	1.687
CB6.2.....	4.743	2.810	1.750	4.742	2.518	0.700
CB6.3.....	4.387	2.926	1.850	4.663	2.480	0.700
CB6.4.....	3.800	2.565	1.450	4.146	2.097	0.500
CB7.3.....	3.339	2.231	1.003	3.364	1.877	0.500
CB7.4.....	3.735	1.783	0.500	3.174	1.726	0.500
CB7.4N.....	2.700	1.715	0.500	3.420	1.707	0.500
CB8.1E.....	3.870	2.223	0.500	3.567	1.745	0.500
CB8.1.....	3.794	2.227	1.124	3.480	1.958	0.500
EE3.1.....	5.046	3.576	2.647	5.186	3.490	2.302
EE3.2.....	4.899	3.180	2.120	4.709	2.996	1.500
CB7.1N.....	4.720	3.149	2.010	4.522	2.901	1.984
CB7.1.....	5.094	2.899	2.210	5.118	2.590	1.580
CB7.1S.....	4.630	2.849	2.020	7.934	2.526	0.700
CB5.4W.....	5.110	3.340	2.485	4.597	3.178	2.370
CB7.2.....	4.817	2.834	1.419	4.170	2.277	0.700
CB7.2E.....	4.795	2.713	1.938	4.437	2.490	1.703
CB7.3E.....	4.374	2.319	1.139	3.313	2.097	0.500
LE3.6.....	4.614	3.150	2.050	6.077	3.178	1.480
LE3.7.....	5.064	3.394	1.940	5.354	3.093	0.700
WE4.1.....	4.940	2.890	1.786	4.539	2.755	1.600
WE4.2.....	5.011	2.958	1.605	4.586	2.762	1.728
WE4.3.....	4.937	2.902	2.154	4.048	2.741	1.707
WE4.4.....	6.671	3.222	1.650	4.031	2.933	2.025
LE5.5.....	4.481	2.565	1.170	3.400	2.134	1.492

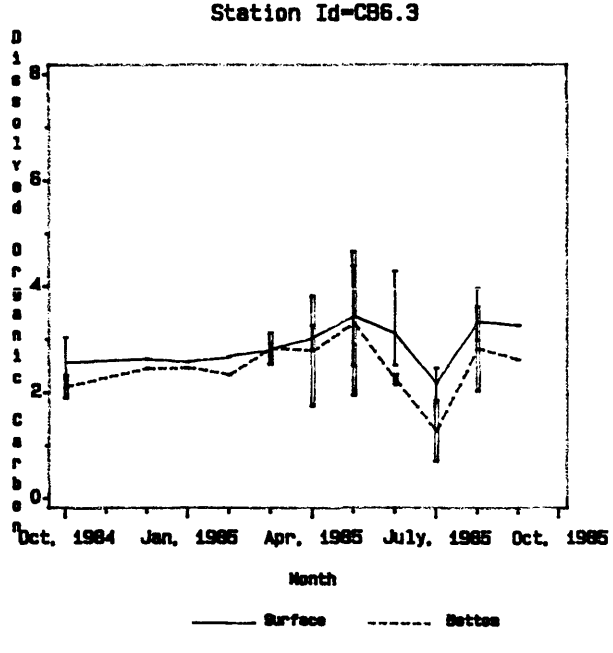

Station Id=CB5.3
Dissolved Organic Carbon
0
2
4
6
8
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

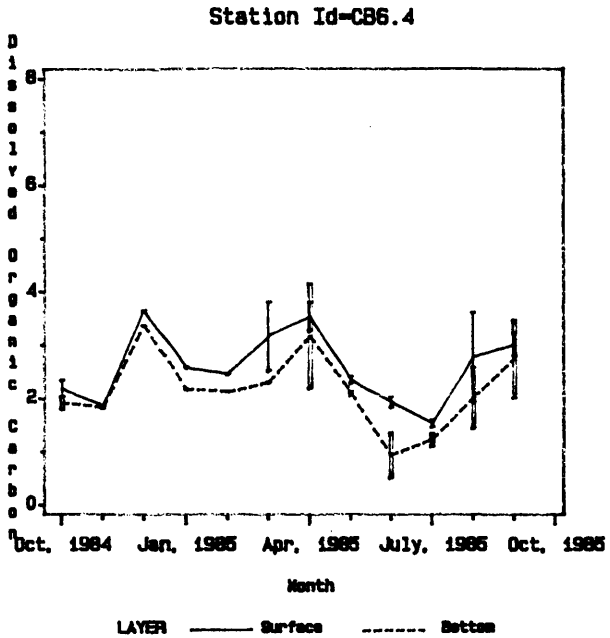

Station Id=CB5.4
Dissolved Organic Carbon
0
2
4
6
8
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

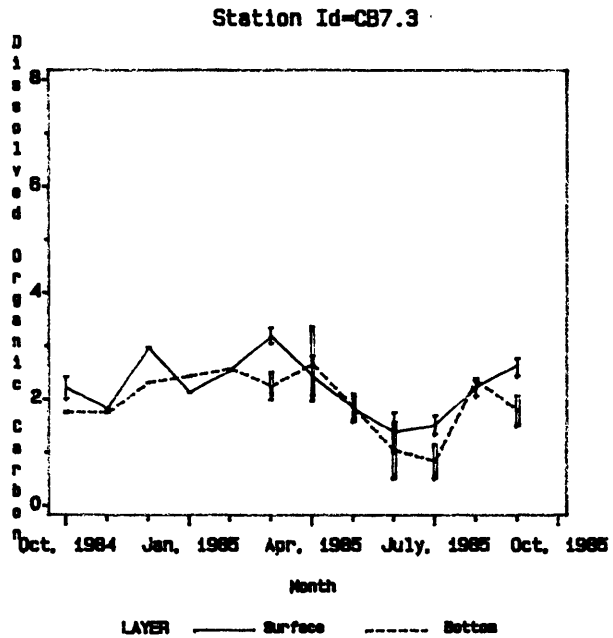

Station Id=CB5.5
Dissolved Organic Carbon
0
2
4
6
8
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

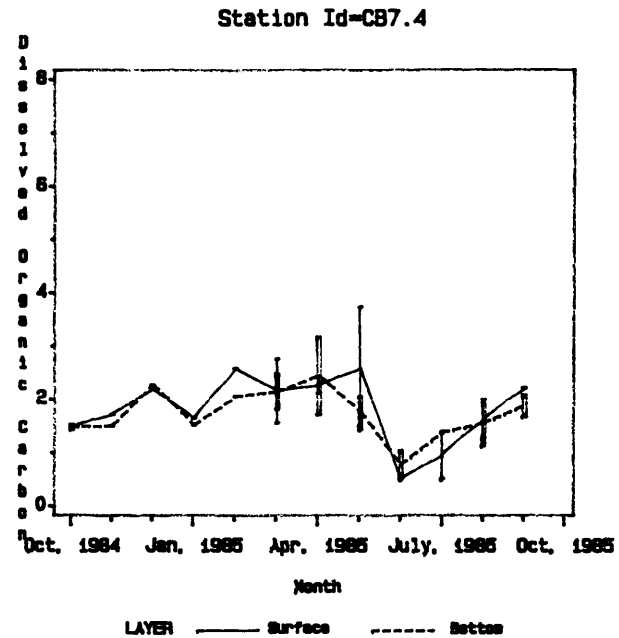

Station Id=CB6.1
Dissolved Organic Carbon
0
2
4
6
8
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

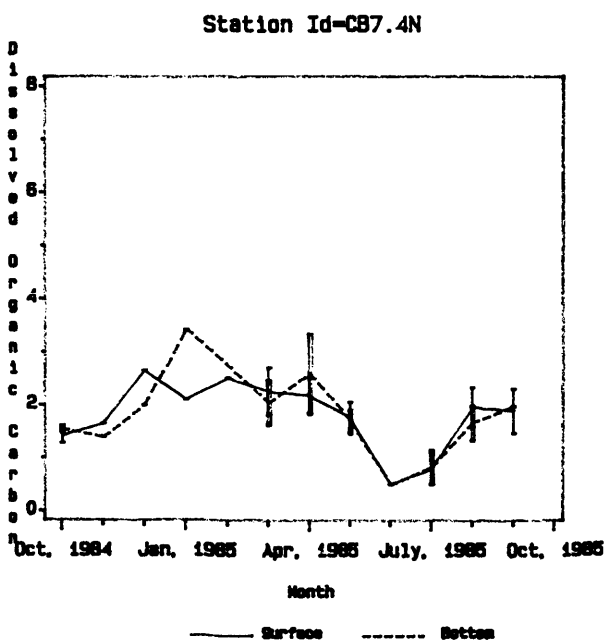

Station Id=CB6.2
Dissolved Organic Carbon
0
2
4
6
8
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

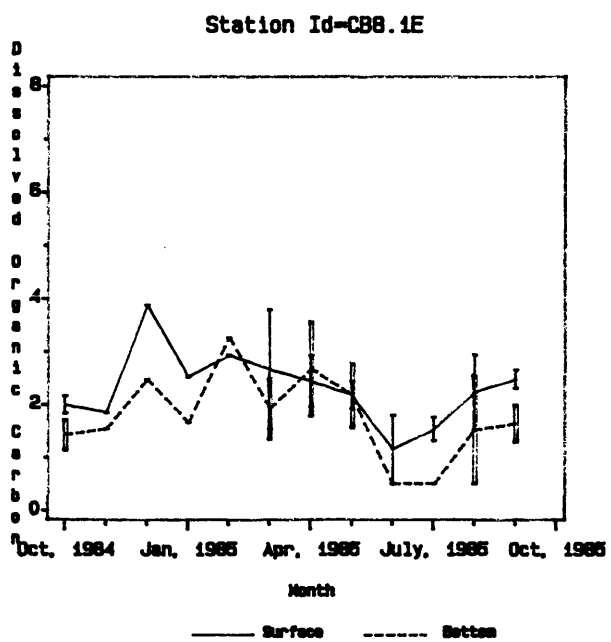

Station Id=CB6.3
Dissolved Organic Carbon
0
2
4
6
8
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

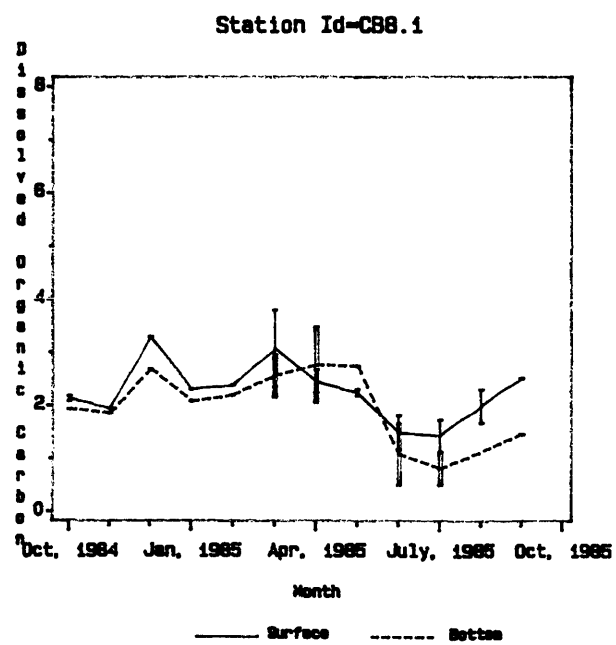

Station Id=CB6.4
Dissolved Organic Carbon
0
2
4
6
8
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
LAYER
Surface
Bottom

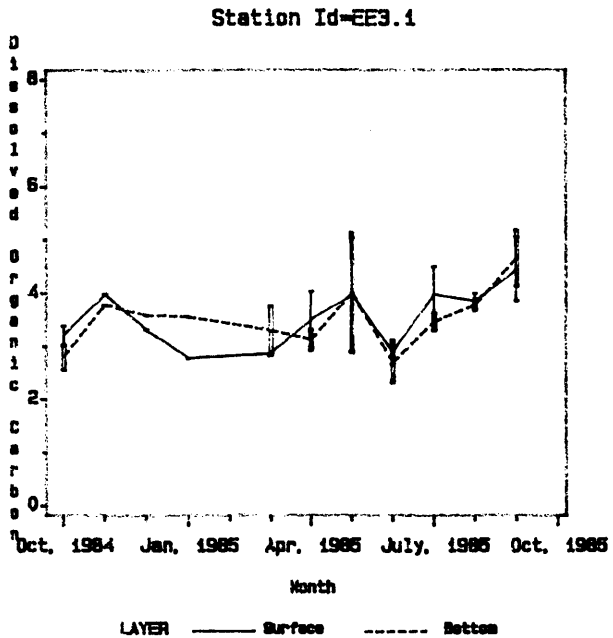

Station Id=CB7.3
Dissolved Organic Carbon
0
2
4
6
8
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
LAYER
Surface
Bottom

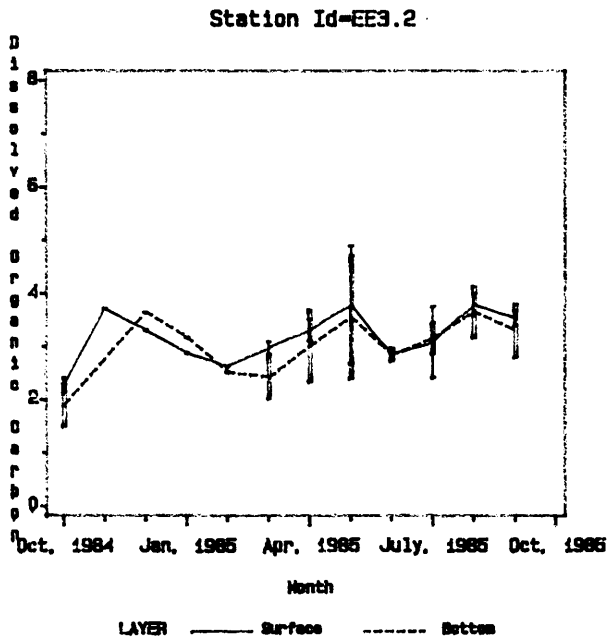

Station Id=CB7.4
Dissolved Organic Carbon
0
2
4
6
8
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
LAYER
Surface
Bottom

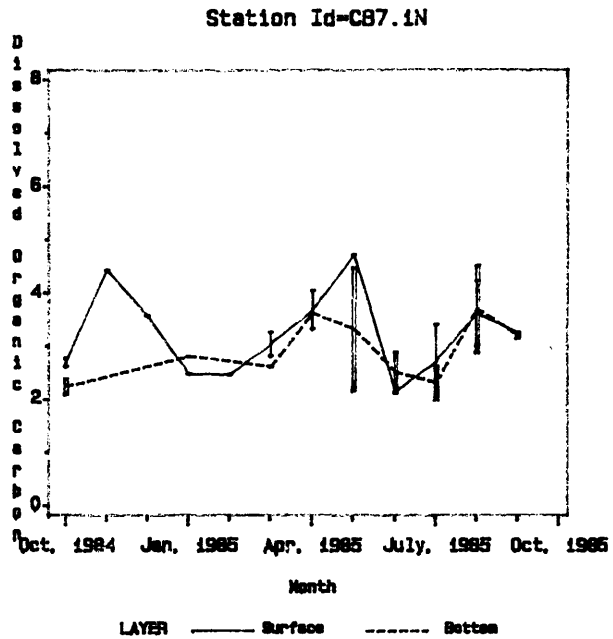

Station Id=CB7.4N
Dissolved Organic Carbon
0
2
4
6
8
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
Surface
Bottom

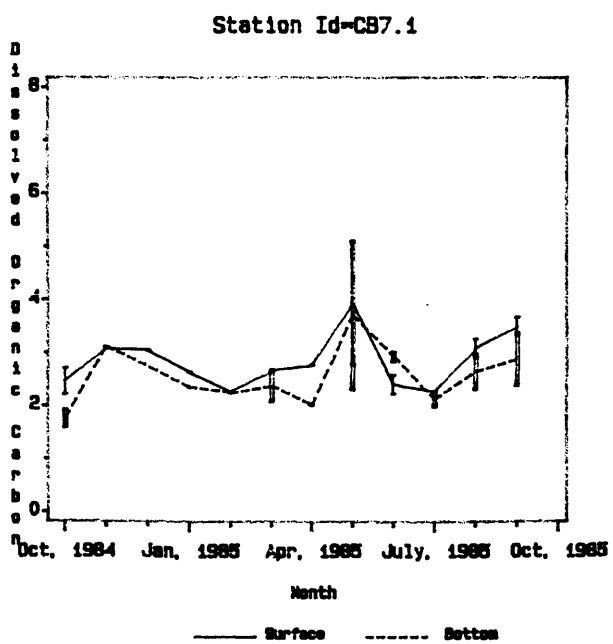

Station Id=CB8.1E
Dissolved Organic Carbon
0
2
4
6
8
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
Surface
Bottom

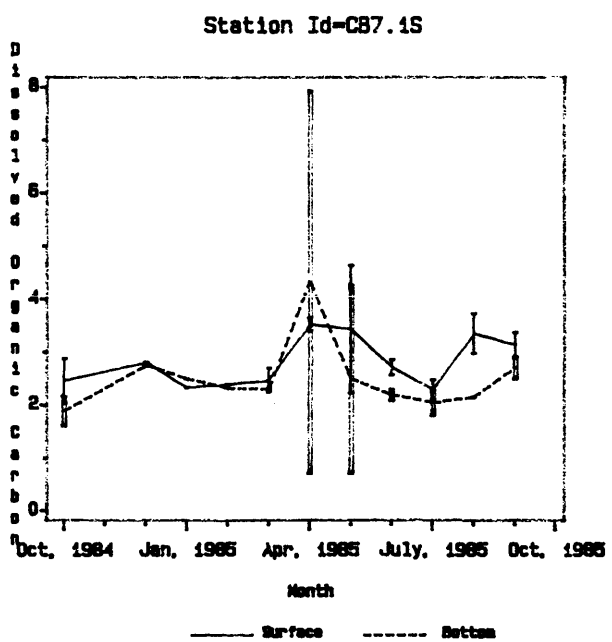

Station Id=CB8.1
Dissolved Organic Carbon
0
2
4
6
8
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
Surface
Bottom

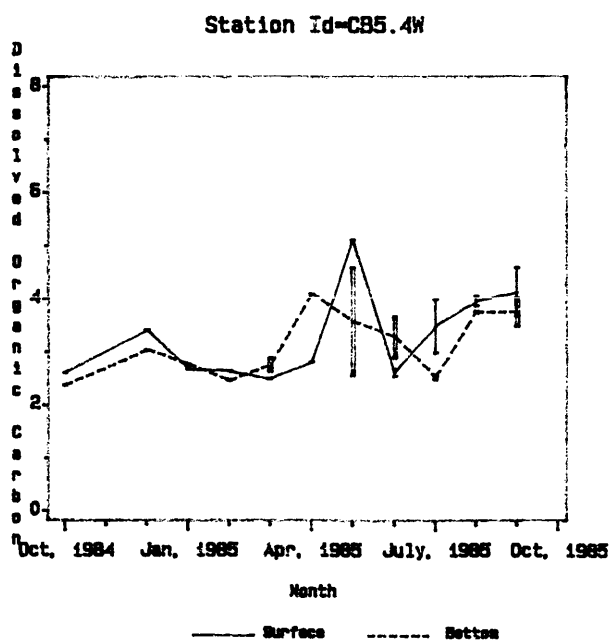

Station Id=EE3.1
Dissolved Organic Carbon
0
2
4
6
8
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
LAYER
Surface
Bottom

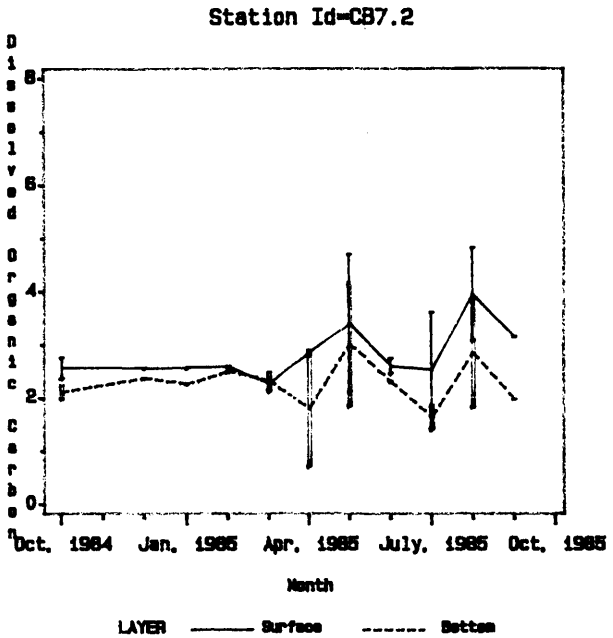

Station Id=EE3.2
Dissolved Organic Carbon
0
2
4
6
8
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
LAYER
Surface
Bottom

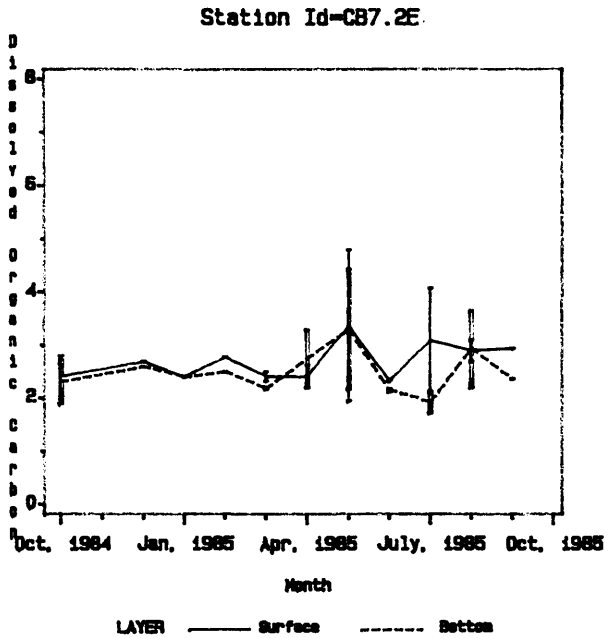

Station Id=CB7.1N
Dissolved Organic Carbon
0
2
4
6
8
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
LAYER
Surface
Bottom

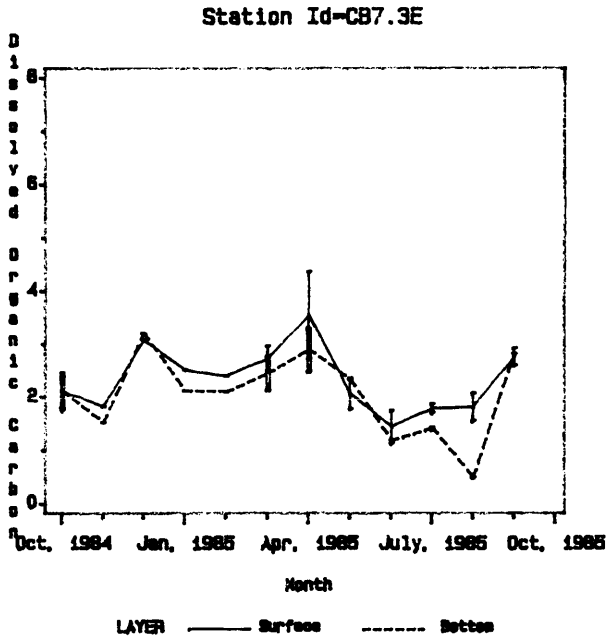

Station Id=CB7.1
Dissolved Organic Carbon
0
2
4
6
8
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
Surface
Bottom

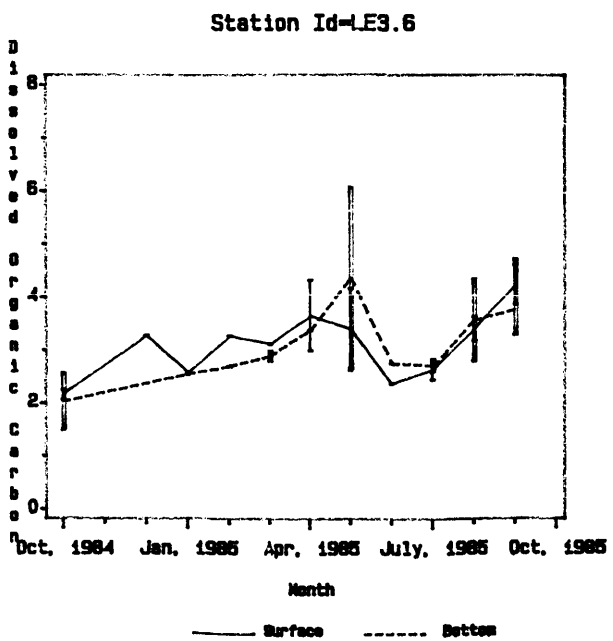

Station Id=CB7.1S
Dissolved Organic Carbon
0
2
4
6
8
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
Surface
Bottom

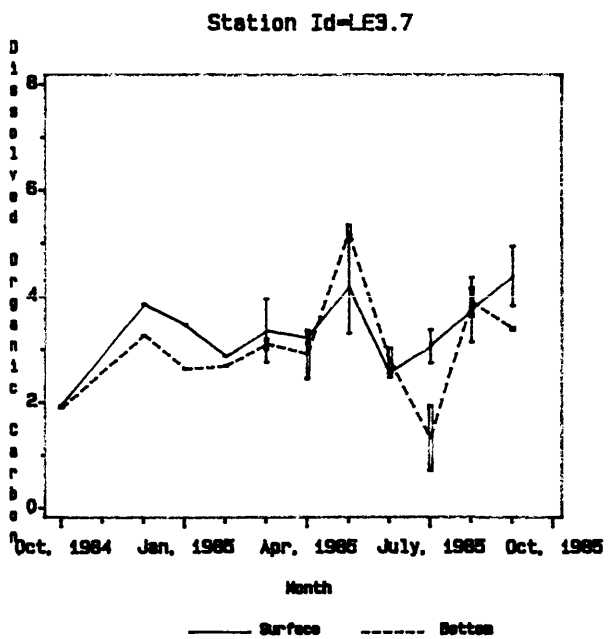

Station Id=CB5.4W
Dissolved Organic Carbon
0
2
4
6
8
Oct, 1984
Jan, 1985
Apr, 1985
July, 1985
Oct, 1985
Month
Surface
Bottom

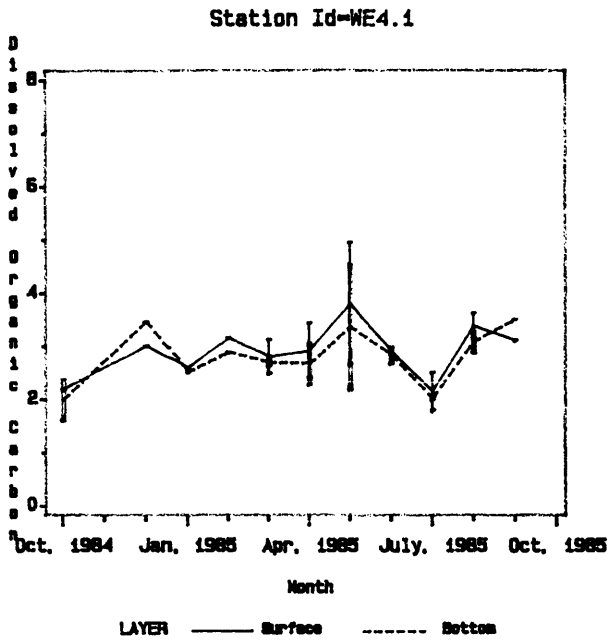

Station Id=CB7.2
Dissolved Organic Carbon
0
2
4
6
8
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

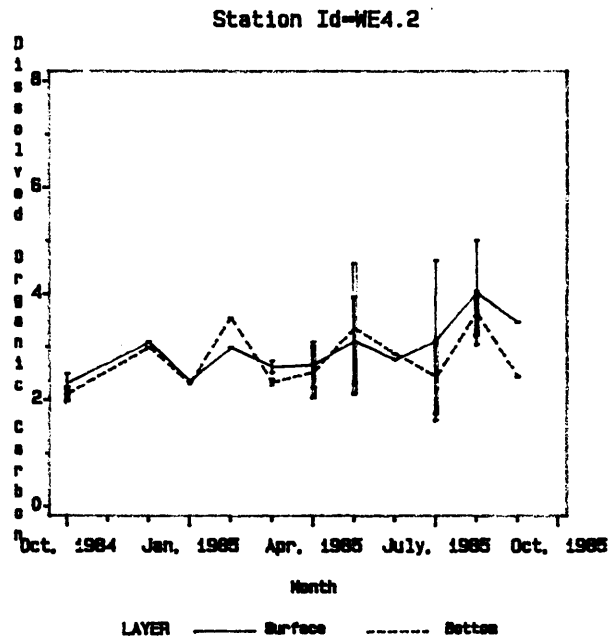

Station Id=CB7.2E
Dissolved Organic Carbon
0
2
4
6
8
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

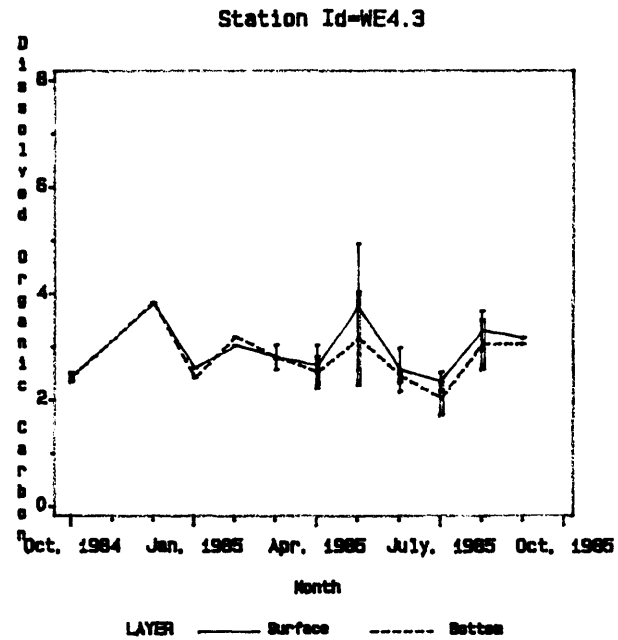

Station Id=CB7.3E
Dissolved Organic Carbon
0
2
4
6
8
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom

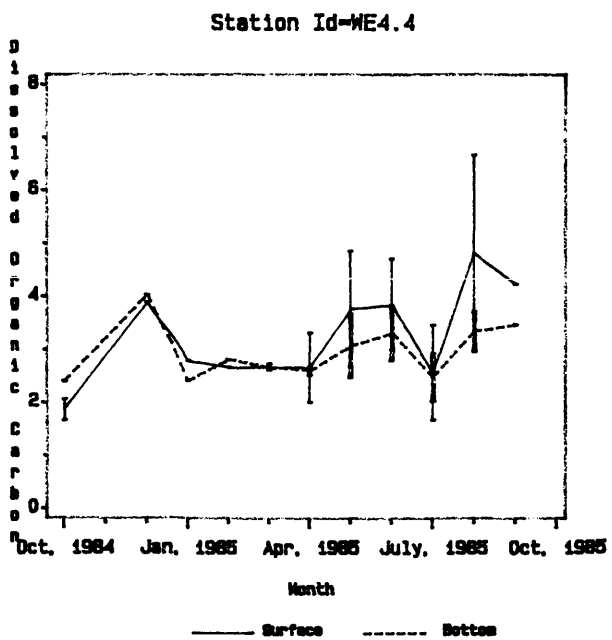

Station Id=LE3.6
Dissolved Organic Carbon
0
2
4
6
8
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

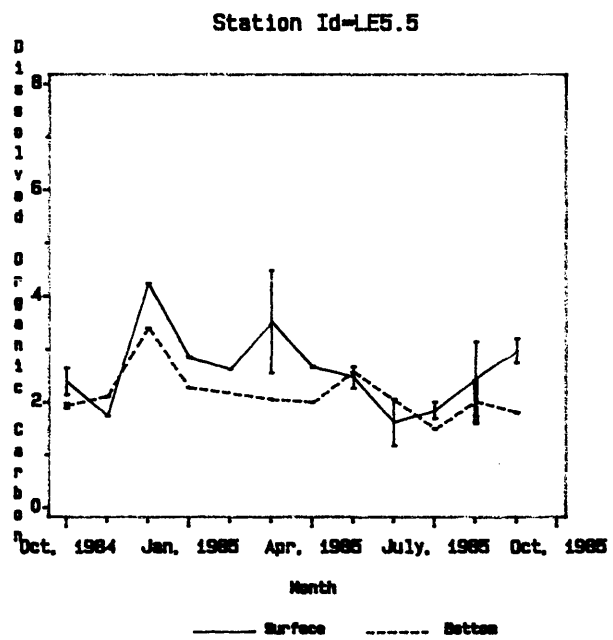

Station Id=LE3.7
Dissolved Organic Carbon
0
2
4
6
8
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom


Station Id=WE4.1
Dissolved Organic Carbon
8
6
4
2
0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom


Station Id=WE4.2
Dissolved Organic Carbon
8
6
4
2
0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom


Station Id=WE4.3
Dissolved Organic Carbon
8
6
4
2
0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
LAYER
Surface
Bottom


Station Id=WE4.4
Dissolved Organic Carbon
8
6
4
2
0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom


Station Id=LE5.5
Dissolved Organic Carbon
8
6
4
2
0
Oct. 1984
Jan. 1985
Apr. 1985
July. 1985
Oct. 1985
Month
Surface
Bottom

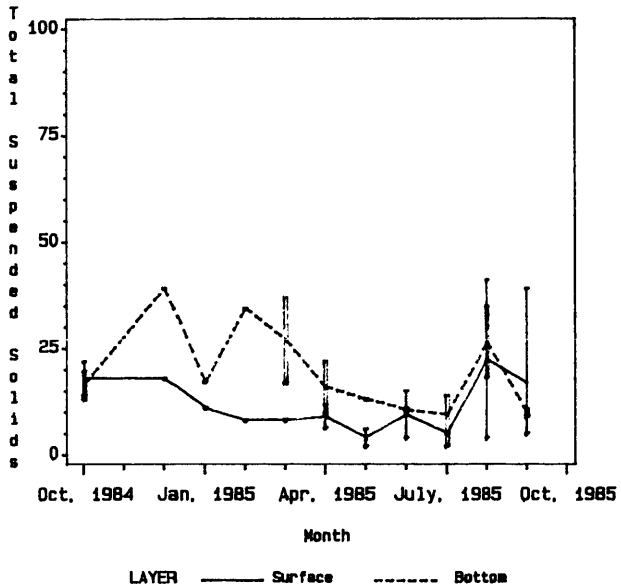
TOTAL SUSPENDED SOLIDS

Values reported as mg/l.

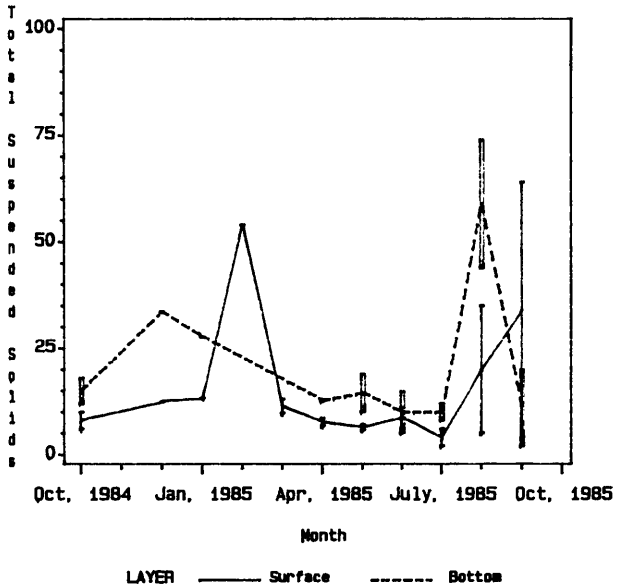
Total Suspended Solids
October, 1984 - September, 1985

	Total Suspended Solids					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	41.00	12.34	2.00	39.20	18.09	2.00
CB5.4.....	64.00	14.44	2.00	74.00	20.36	2.00
CB5.5.....	38.00	11.57	2.00	76.00	20.63	2.00
CB6.1.....	42.00	10.62	2.00	73.00	21.91	7.70
CB6.2.....	23.00	10.78	2.00	42.30	21.89	9.00
CB6.3.....	40.30	14.32	2.00	54.00	27.29	7.00
CB6.4.....	15.47	6.23	2.00	27.70	10.69	2.00
CB7.3.....	7.82	5.20	2.00	15.65	7.92	2.00
CB7.4.....	12.39	5.49	2.00	33.27	12.19	2.00
CB7.4N.....	28.45	8.58	2.00	1167.00	74.86	2.00
CB8.1E.....	14.08	6.21	2.00	61.10	15.26	2.00
CB8.1.....	11.24	6.01	2.00	18.37	9.62	2.00
EE3.1.....	34.50	18.13	6.30	82.00	22.73	4.70
EE3.2.....	22.50	12.22	6.00	129.00	36.66	9.00
CB7.1N.....	38.00	12.72	2.00	59.00	28.86	6.00
CB7.1.....	23.00	9.52	2.00	75.00	30.87	5.70
CB7.1S.....	60.00	14.52	2.00	68.00	25.36	6.00
CB5.4W.....	30.00	10.28	2.00	24.00	10.13	2.00
CB7.2.....	22.00	9.91	4.70	63.70	27.65	7.70
CB7.2E.....	50.00	17.46	2.00	56.00	23.46	7.00
CB7.3E.....	16.59	6.43	2.00	21.23	9.84	2.00
LE3.6.....	33.00	9.15	2.00	35.70	14.58	2.00
LE3.7.....	34.00	12.12	2.00	44.00	14.39	2.00
WE4.1.....	41.00	14.28	2.00	52.00	19.65	5.70
WE4.2.....	40.30	14.99	2.00	80.00	30.98	6.30
WE4.3.....	21.80	13.56	7.00	40.00	18.34	2.00
WE4.4.....	42.00	15.51	2.00	39.00	18.65	7.70
LE5.5.....	37.12	11.15	4.56	50.96	18.03	6.62

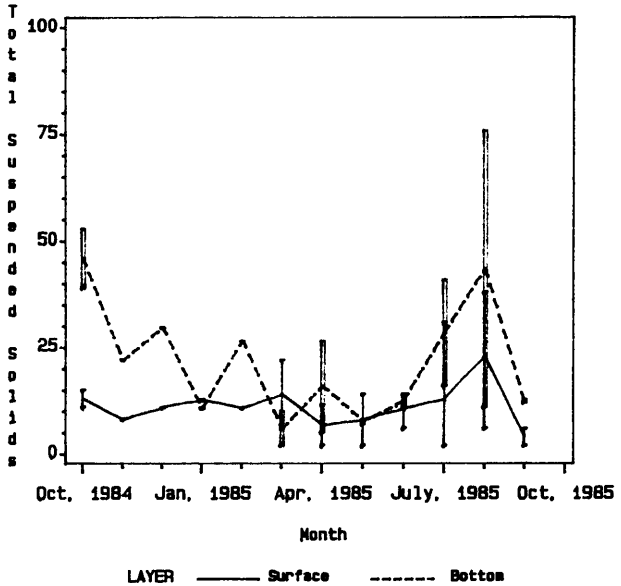
Station Id=CB5.3



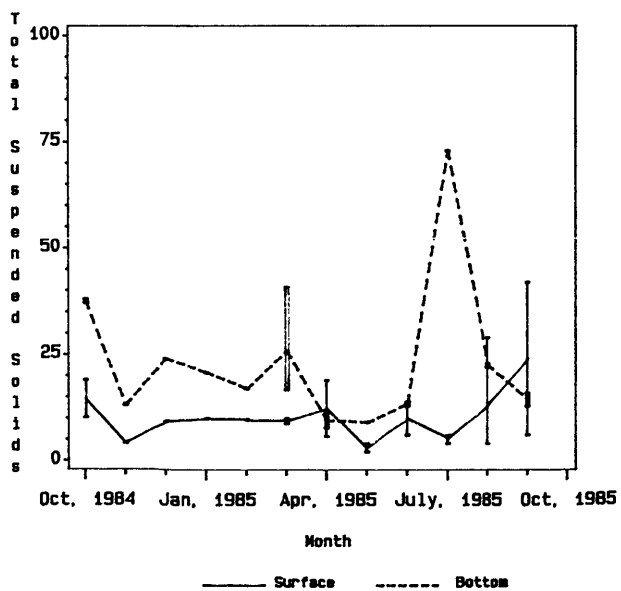
Station Id=CB5.4



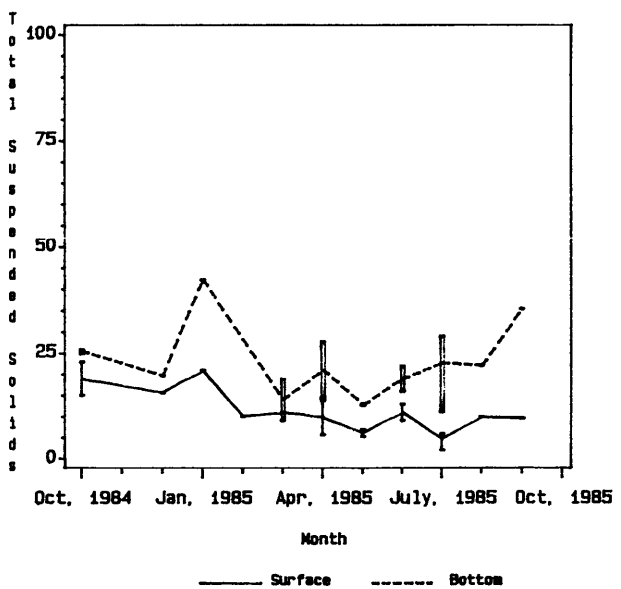
Station Id=CB5.5



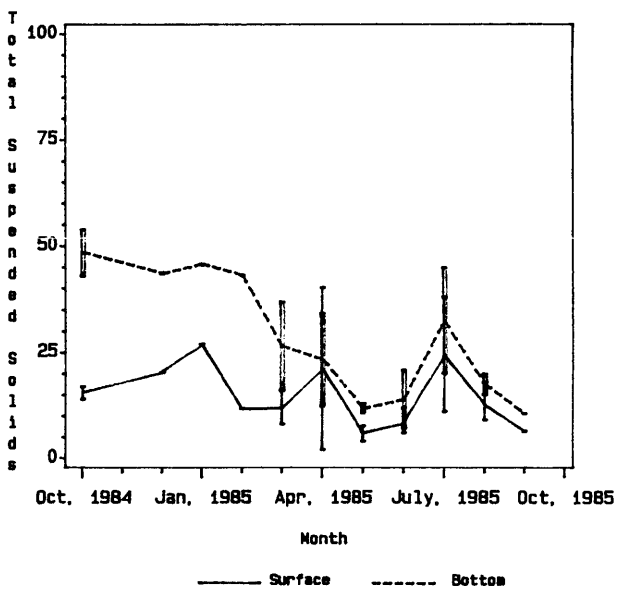
Station Id=CB6.1



Station Id=CB6.2



Station Id=CB6.3



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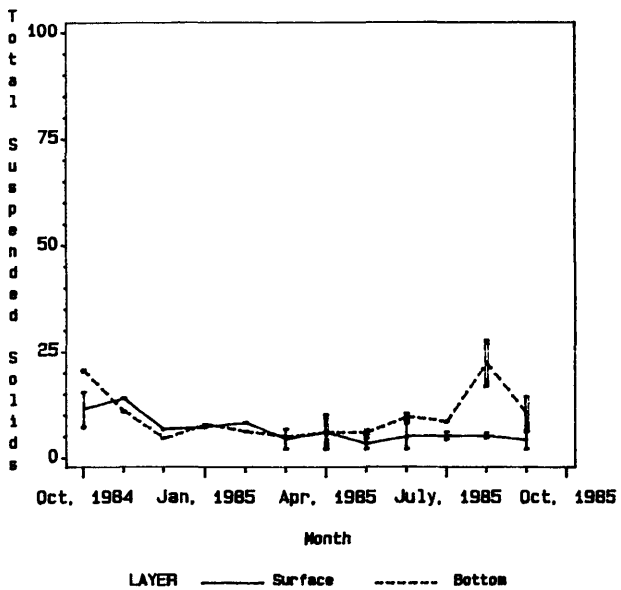
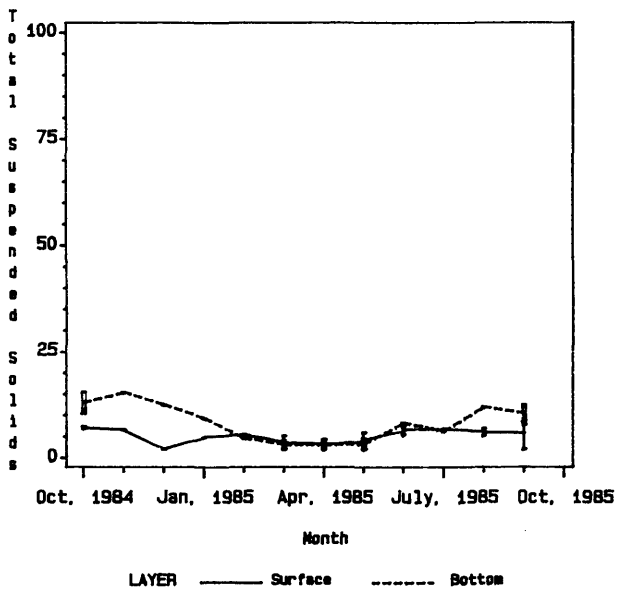
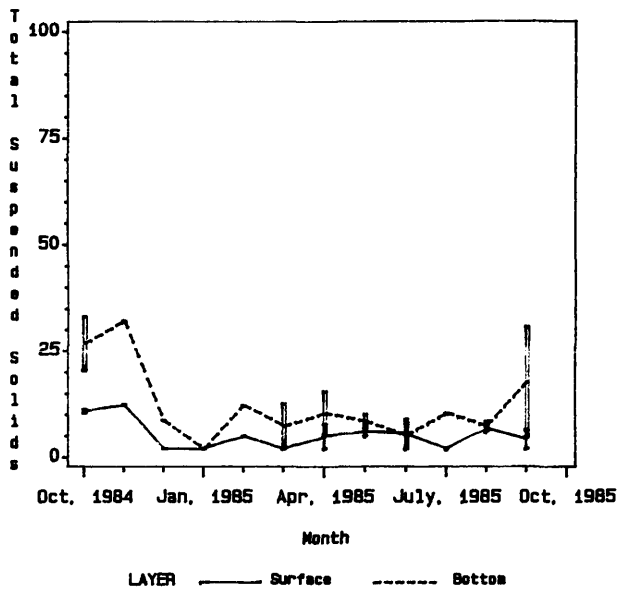


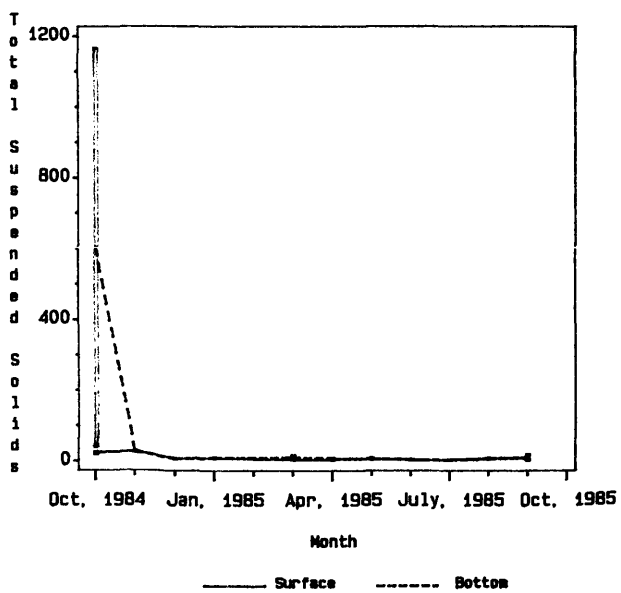
Station Id=CB7.3



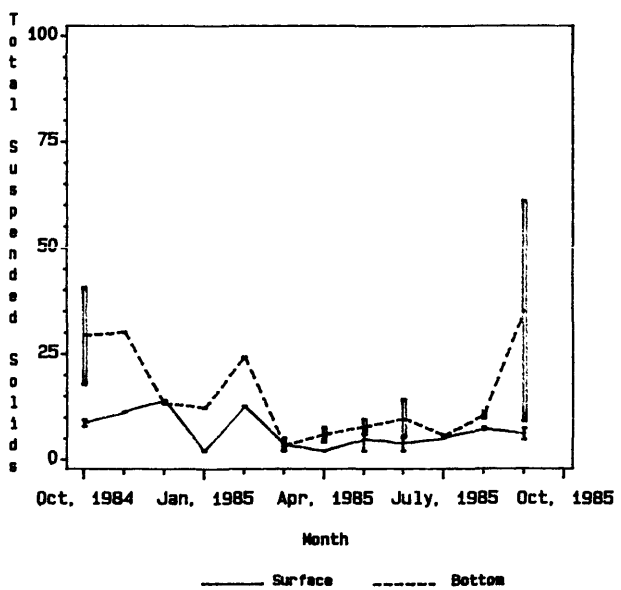
Station Id=CB7.4



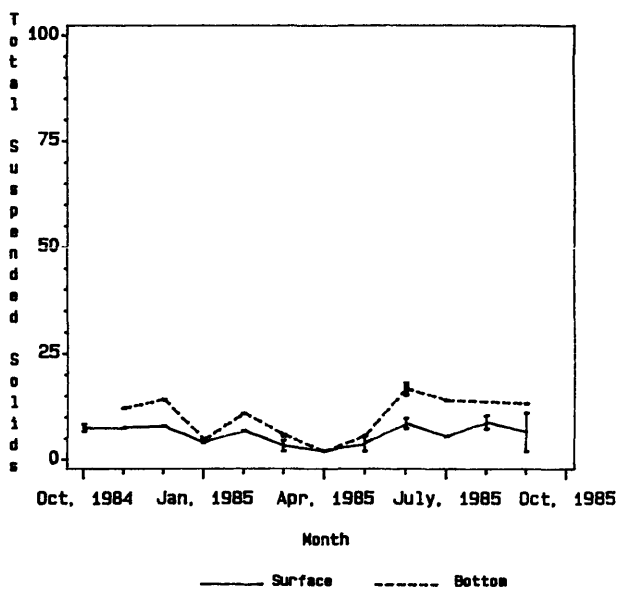
Station Id=CB7.4N



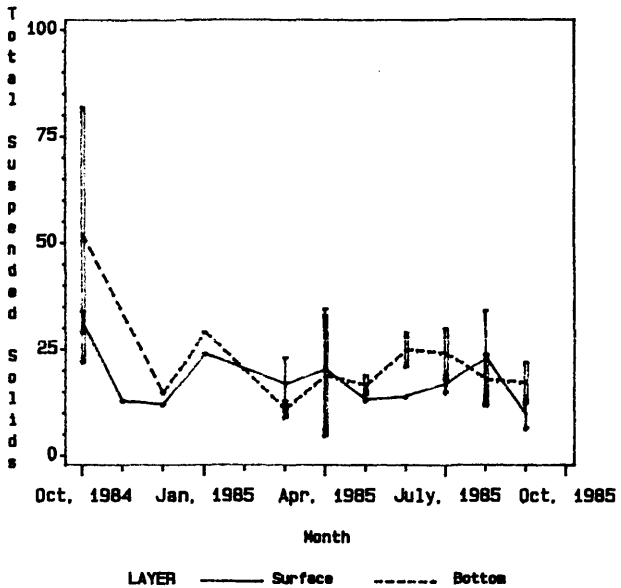
Station Id=CB8.1E



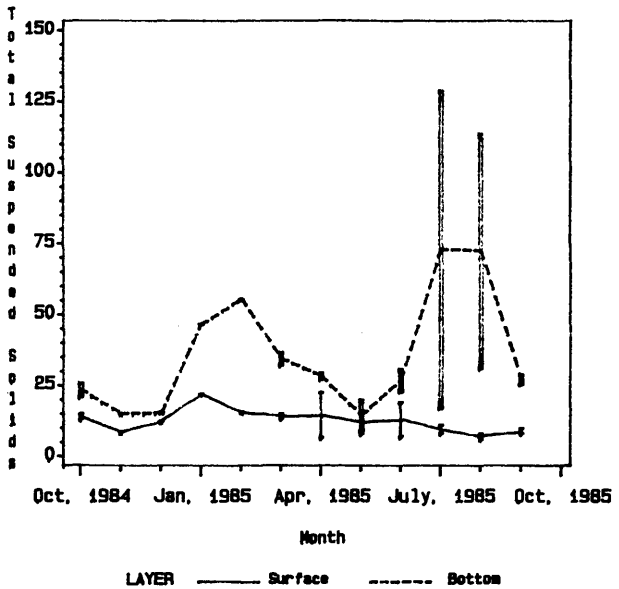
Station Id=CB8.1



Station Id=EE3.1



Station Id=EE3.2



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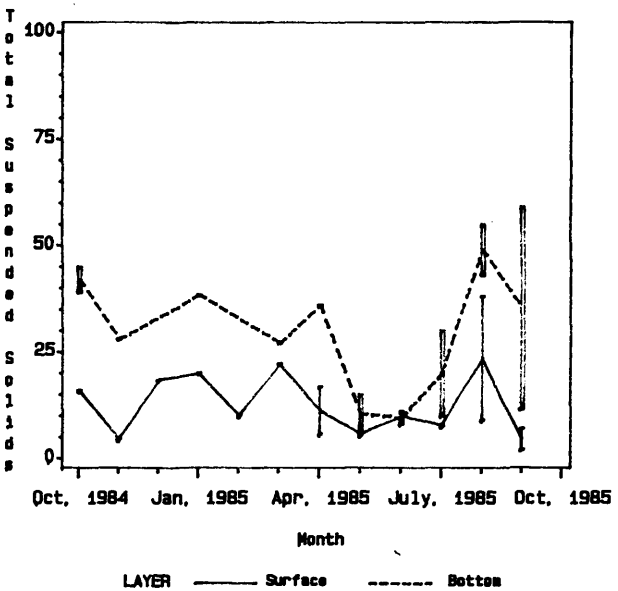
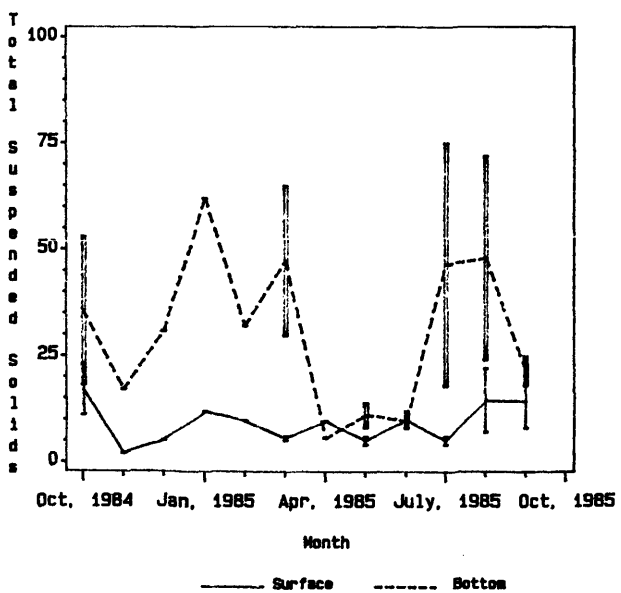
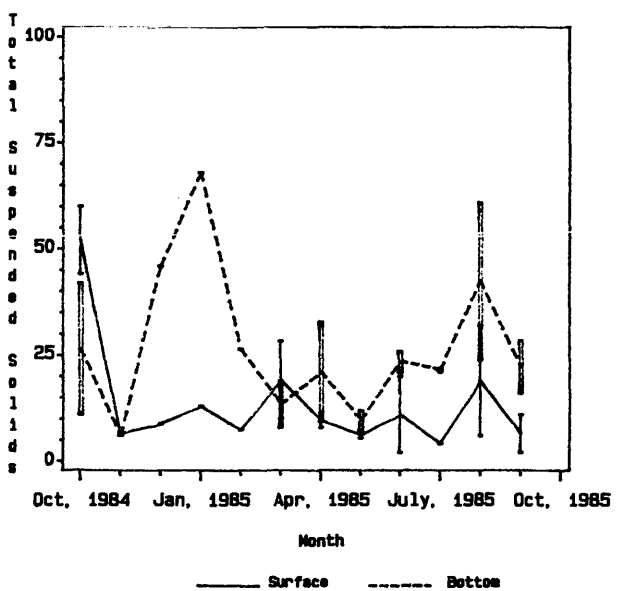


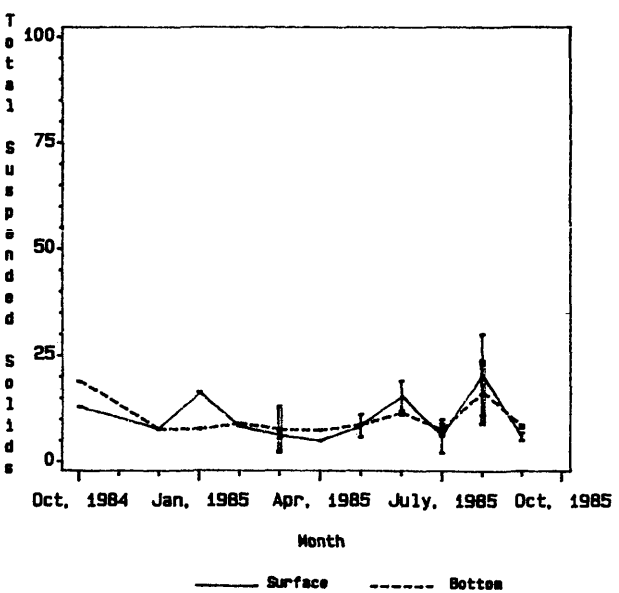
Station Id=CB7.1



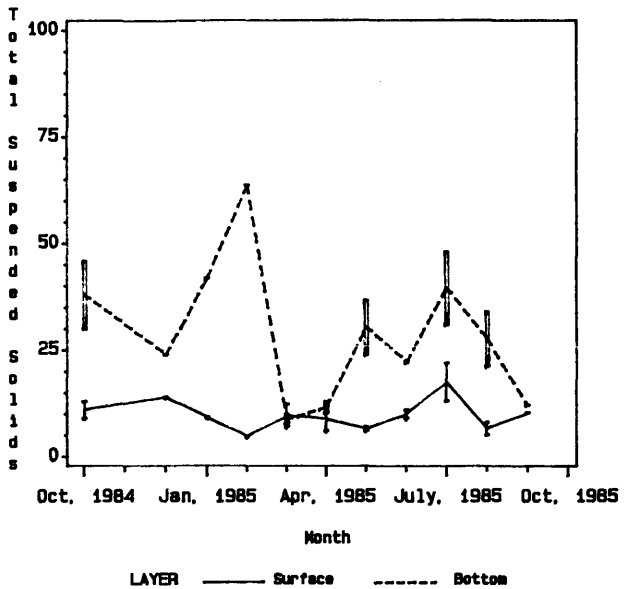
Station Id=CB7.1S



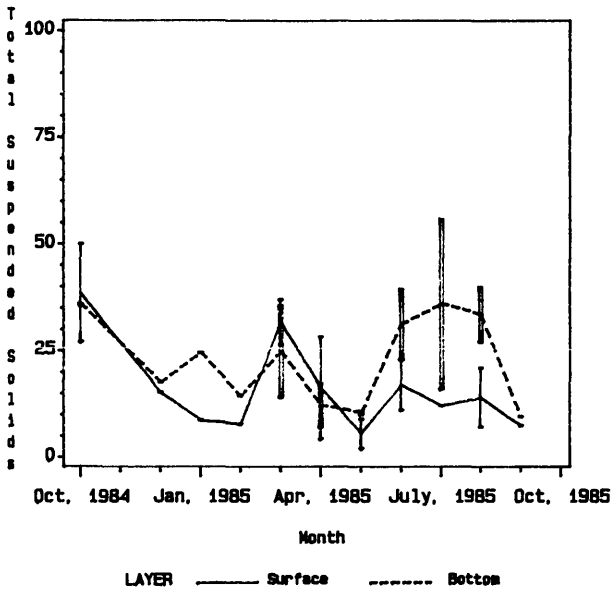
Station Id=CB5.4W



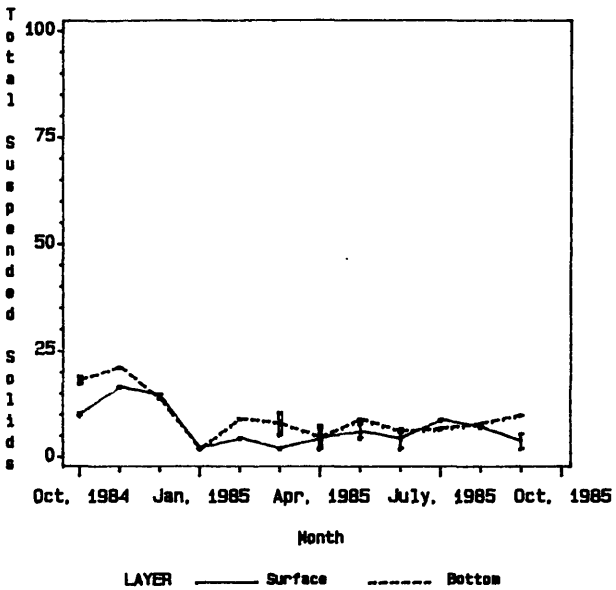
Station Id=CB7.2



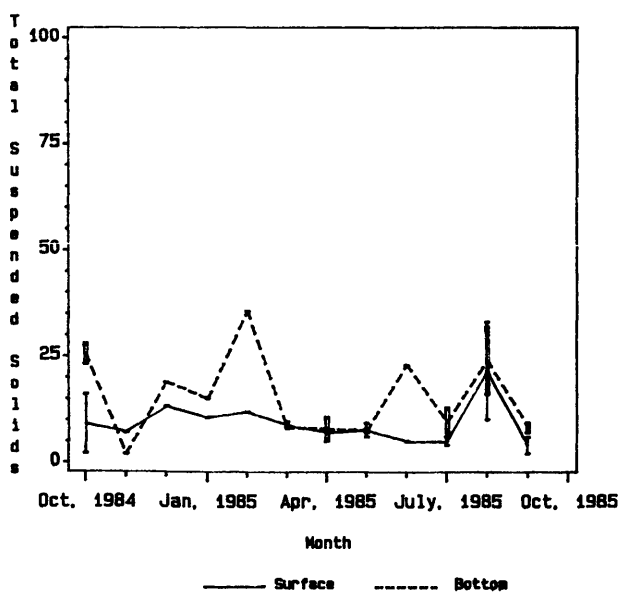
Station Id=CB7.2E



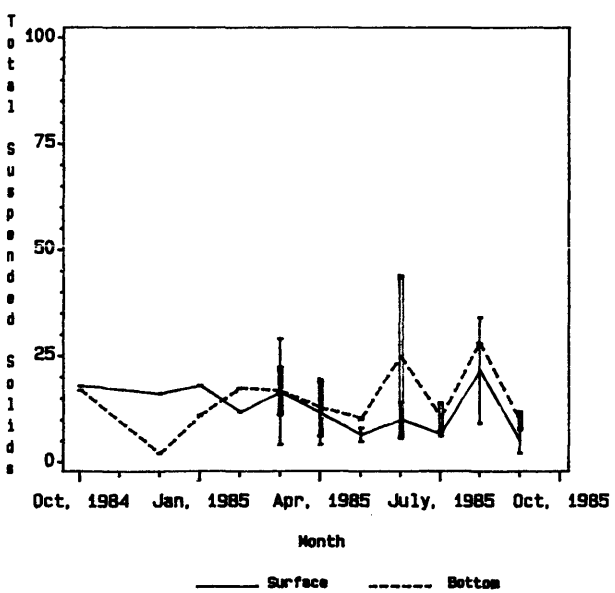
Station Id=CB7.3E



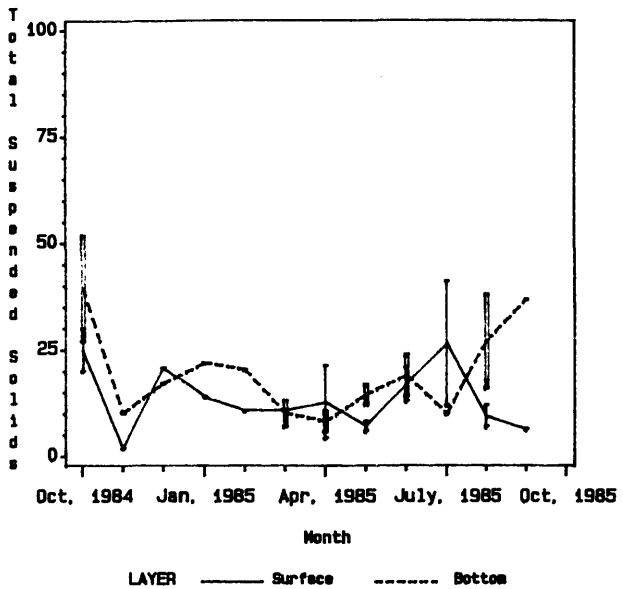
Station Id=LE3.6



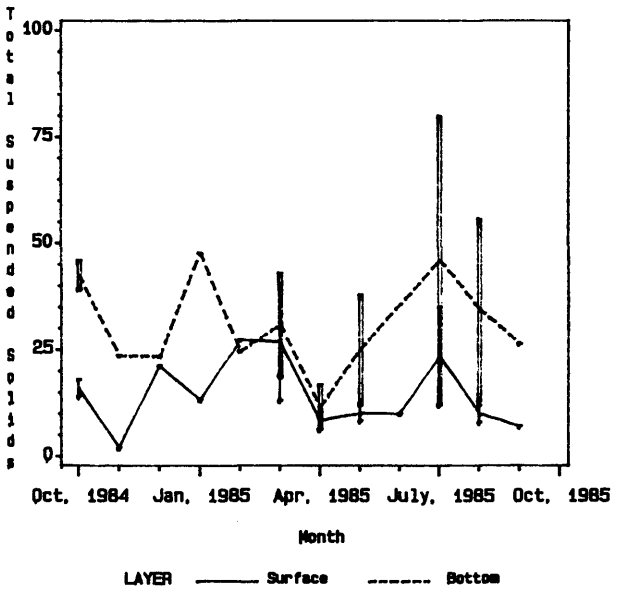
Station Id=LE3.7



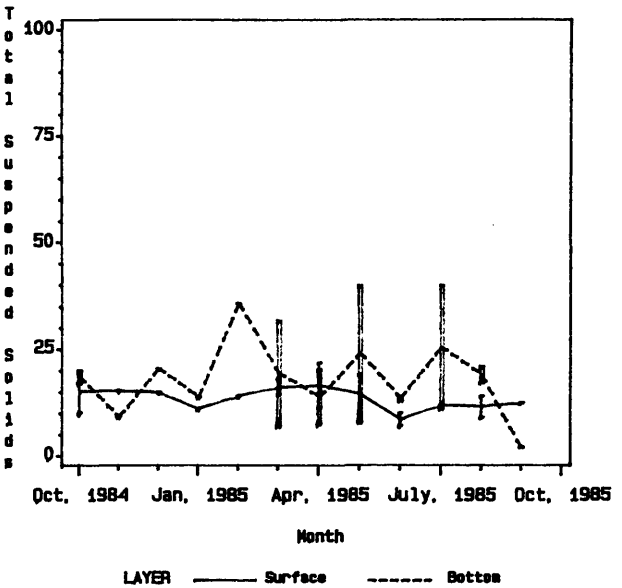
Station Id=WE4.1



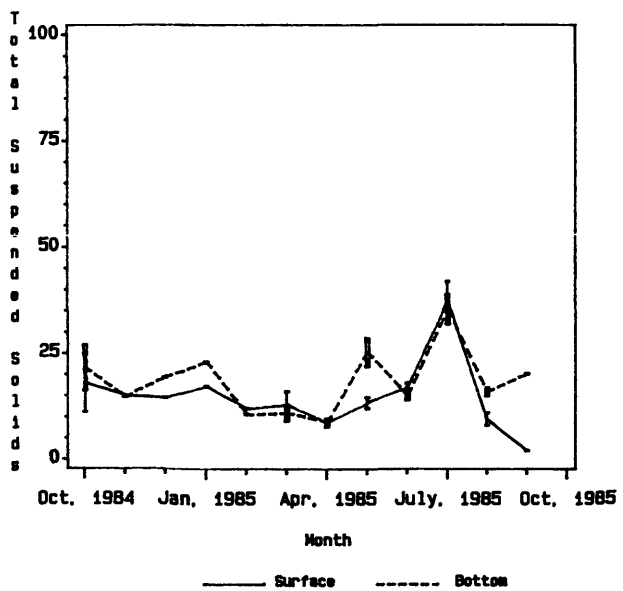
Station Id=WE4.2



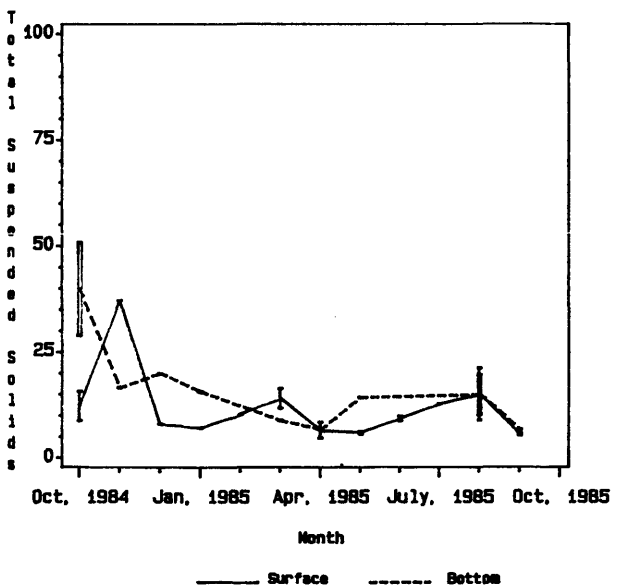
Station Id=WE4.3



Station Id=WE4.4



Station Id=LE5.5

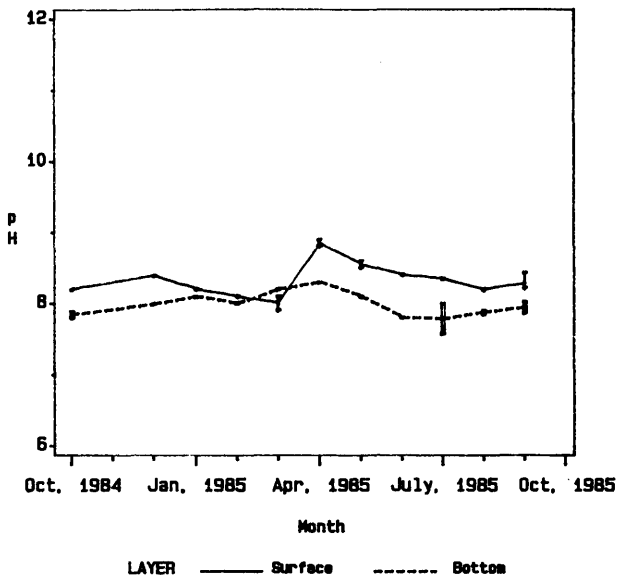


pH

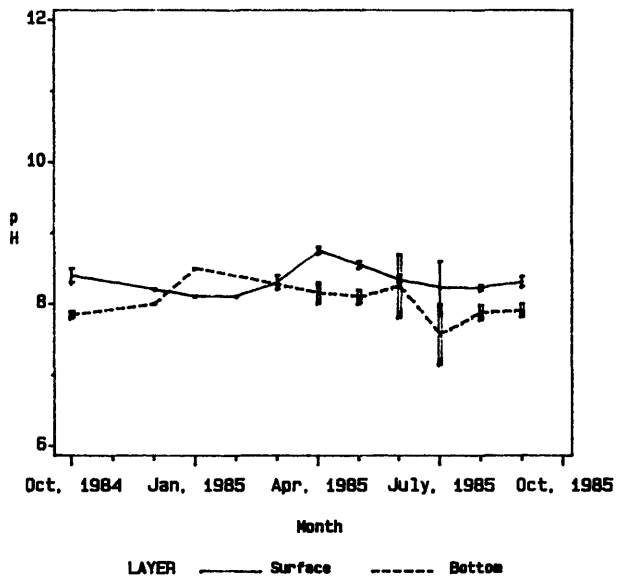
pH
October, 1984 - September, 1985

	pH					
	Surface			Bottom		
	Max	Mean	Min	Max	Mean	Min
CB5.3.....	8.90	8.33	7.90	8.30	7.98	7.56
CB5.4.....	8.80	8.35	7.86	8.70	8.00	7.14
CB5.5.....	8.70	8.28	7.90	8.60	7.96	7.34
CB6.1.....	8.70	8.18	7.00	8.70	7.99	7.10
CB6.2.....	8.70	8.37	8.00	8.60	8.05	7.80
CB6.3.....	8.70	8.28	7.90	8.60	8.05	7.60
CB6.4.....	8.45	8.10	7.80	8.25	8.00	7.45
CB7.3.....	8.30	8.02	7.40	8.20	7.98	7.80
CB7.4.....	8.30	8.06	7.70	8.30	8.05	7.80
CB7.4N.....	8.30	8.00	6.35	8.30	8.08	7.80
CB8.1E.....	8.25	8.02	7.70	8.20	8.03	7.80
CB8.1.....	8.30	8.06	7.70	8.30	7.98	7.60
EE3.1.....	8.70	8.13	7.80	8.70	8.12	7.80
EE3.2.....	8.60	8.16	7.90	8.60	8.09	7.80
CB7.1N.....	8.60	8.17	7.20	8.50	8.02	7.70
CB7.1.....	8.70	8.23	7.80	8.93	8.13	7.70
CB7.1S.....	8.70	8.25	7.70	8.60	8.05	7.20
CB5.4W.....	8.48	8.28	8.06	8.50	8.20	8.00
CB7.2.....	8.80	8.29	7.80	8.50	8.02	7.70
CB7.2E.....	8.70	8.23	7.70	8.60	8.13	7.60
CB7.3E.....	8.40	8.09	7.80	8.20	8.05	7.90
LE3.6.....	8.53	8.14	7.60	8.40	8.10	7.80
LE3.7.....	8.80	8.35	8.00	8.70	8.22	8.00
WE4.1.....	8.80	8.19	7.80	8.70	8.14	7.60
WE4.2.....	8.80	8.15	7.80	8.70	8.03	7.50
WE4.3.....	8.70	8.18	7.90	8.80	8.13	7.66
WE4.4.....	11.00	8.33	7.80	9.86	8.25	7.90
LE5.5.....	8.30	8.01	7.60	8.10	8.02	7.80

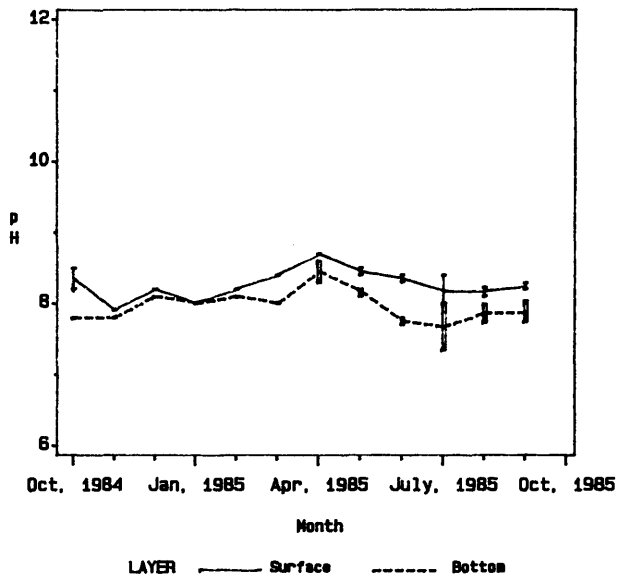
Station Id=CB5.3



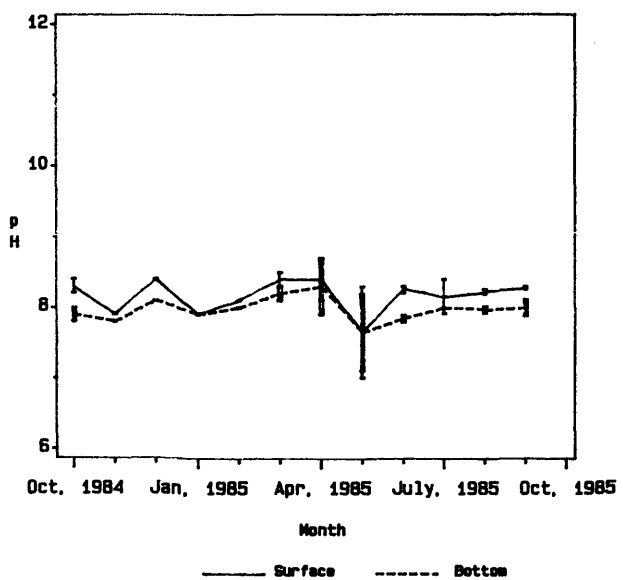
Station Id=CB5.4



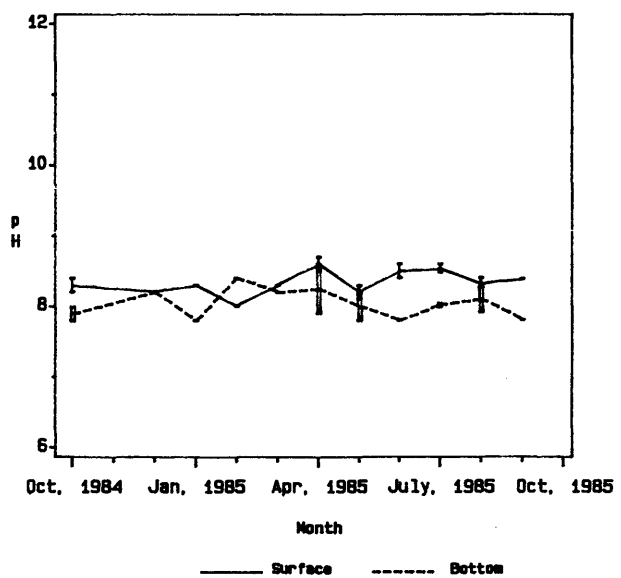
Station Id=CB5.5



Station Id=CB6.1



Station Id=CB6.2



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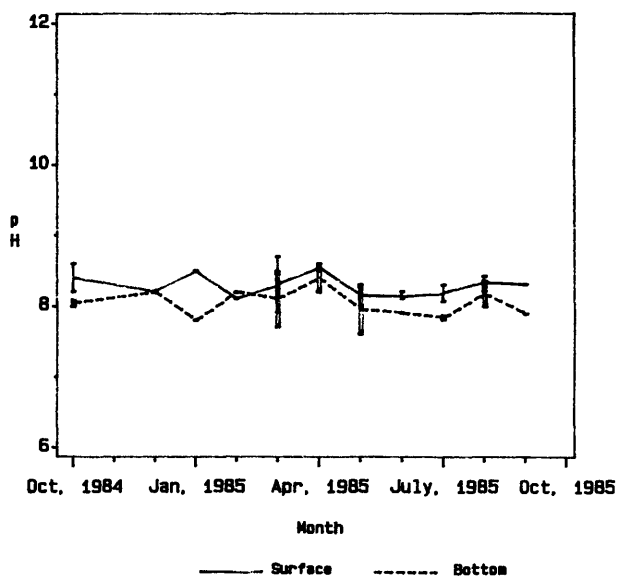

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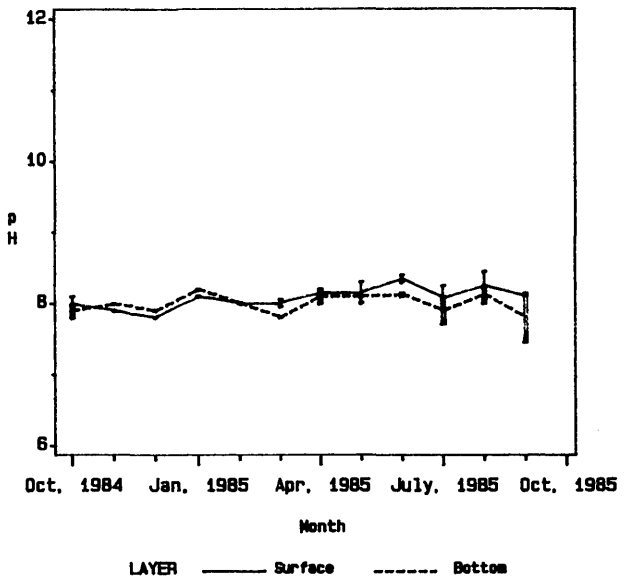
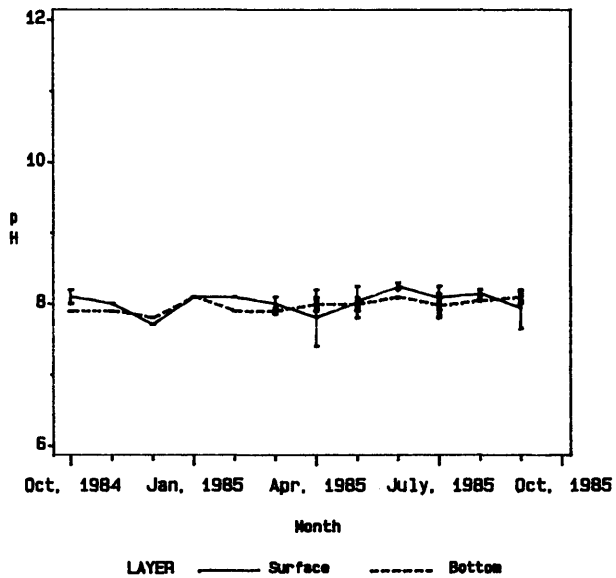
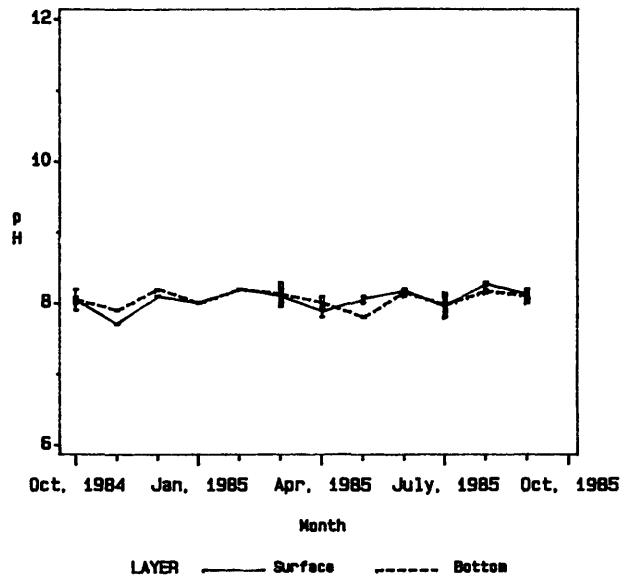


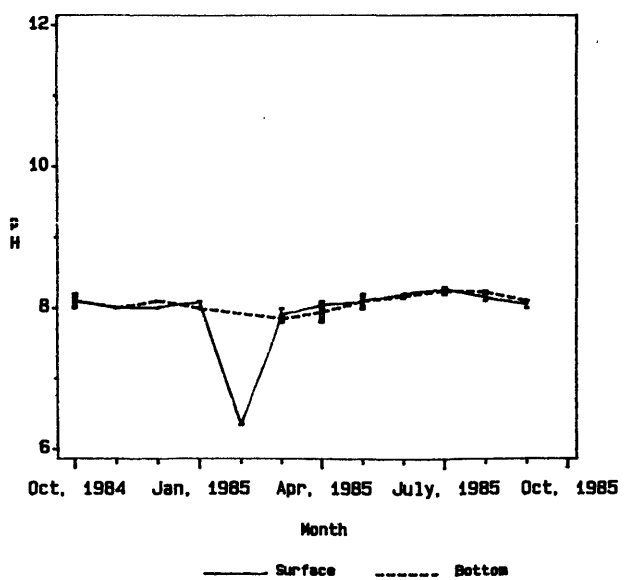
Station Id=CB7.3



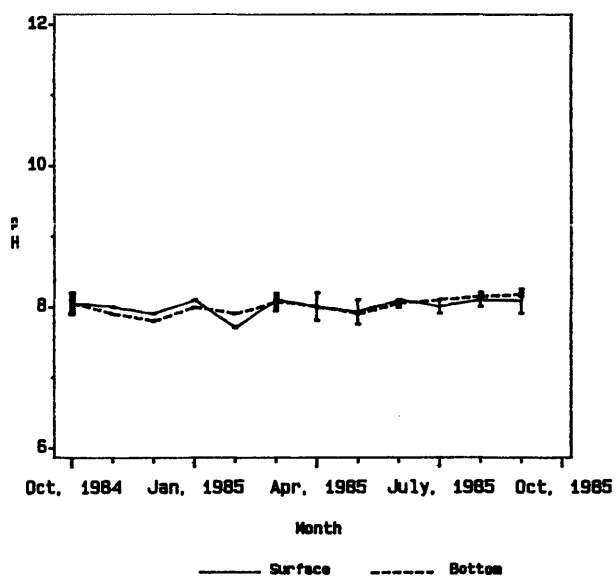
Station Id=CB7.4



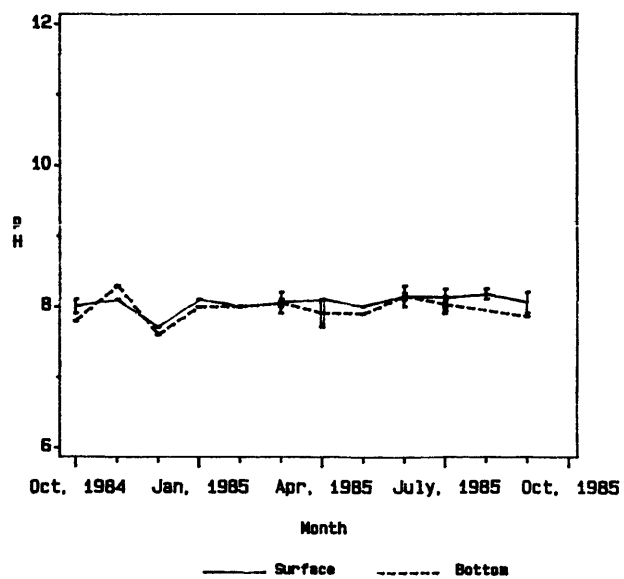
Station Id=CB7.4N



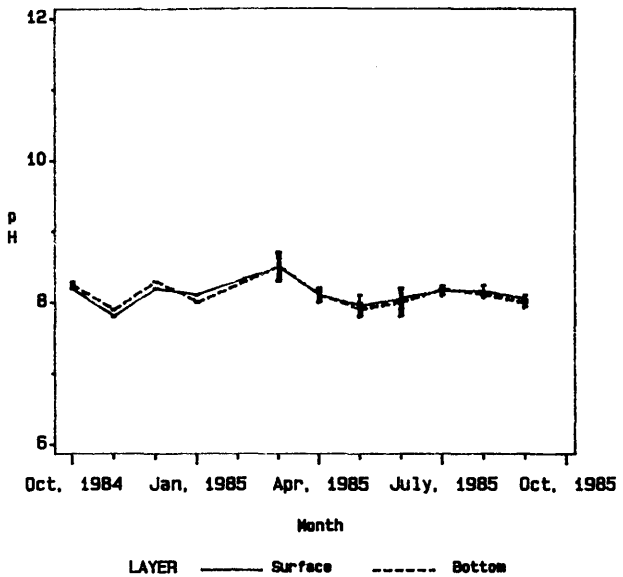
Station Id=CB8.1E



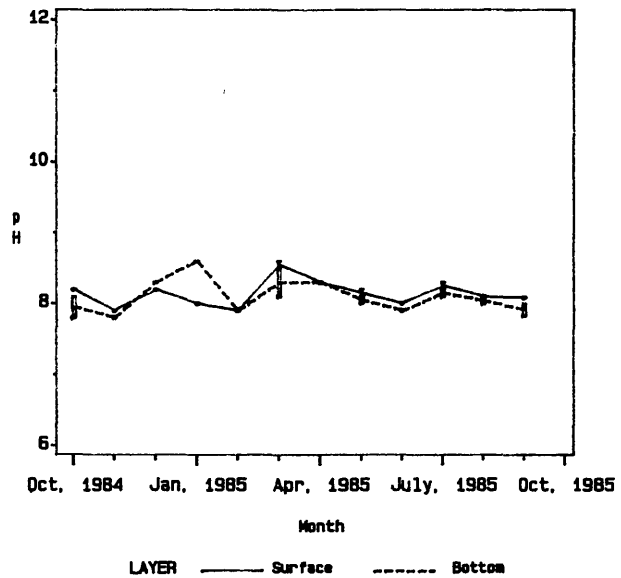
Station Id=CB8.1



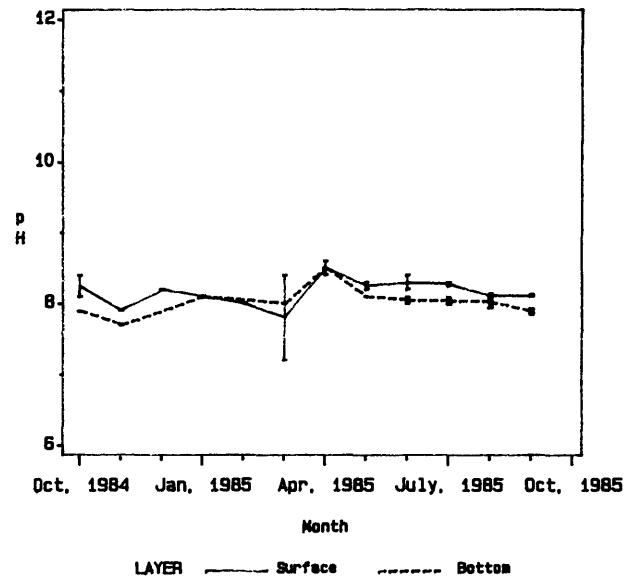
Station Id=EE3.1



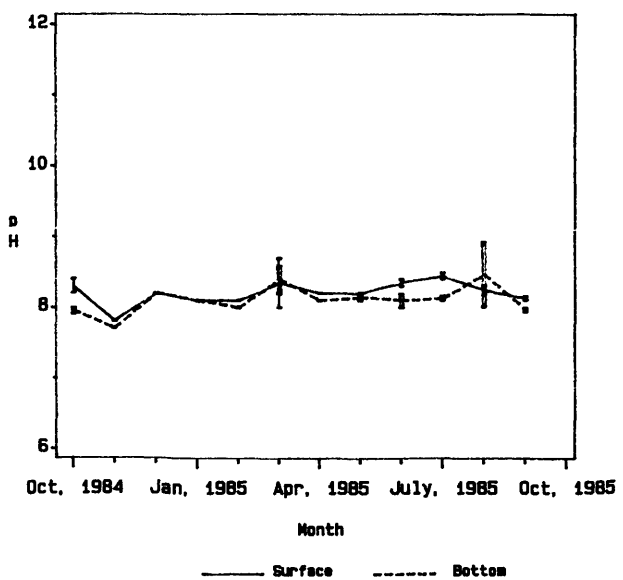
Station Id=EE3.2



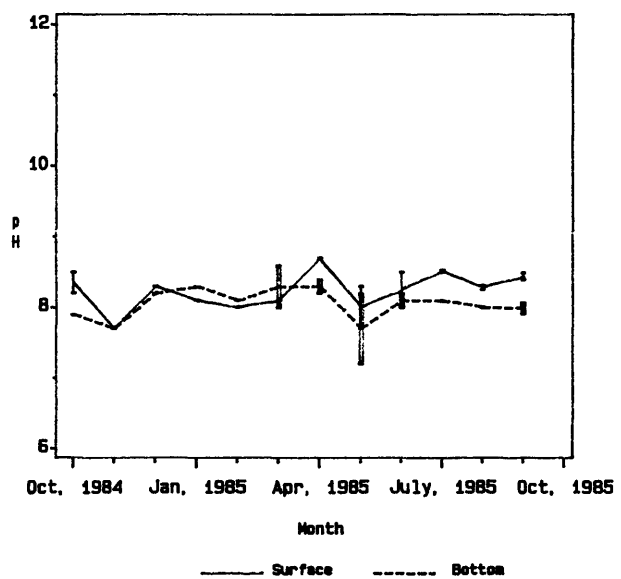
Station Id=CB7.1N



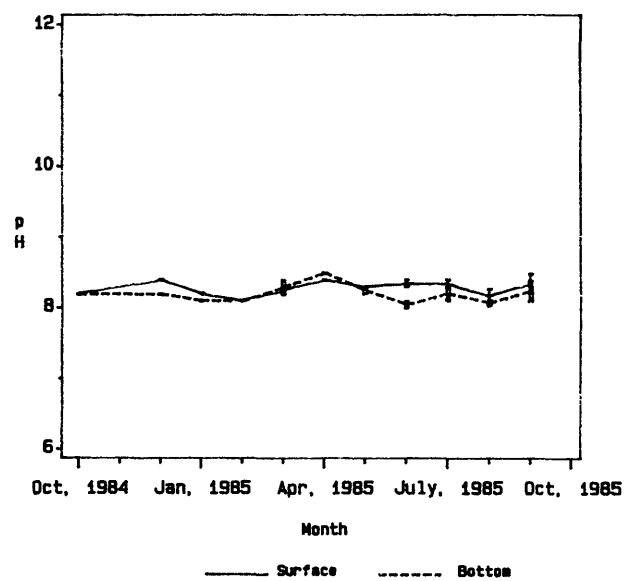
Station Id=CB7.1



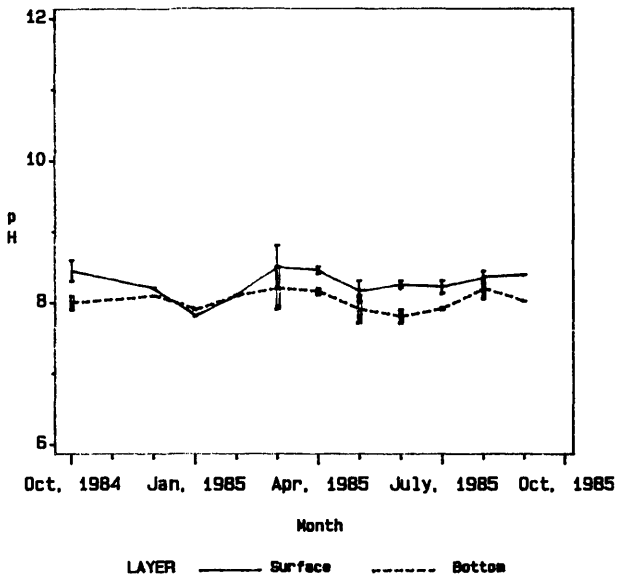
Station Id=CB7.1S



Station Id=CB5.4W



Station Id=CB7.2



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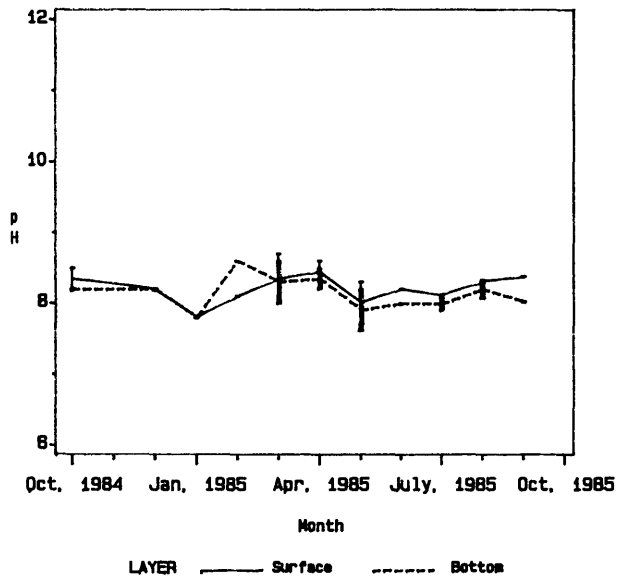

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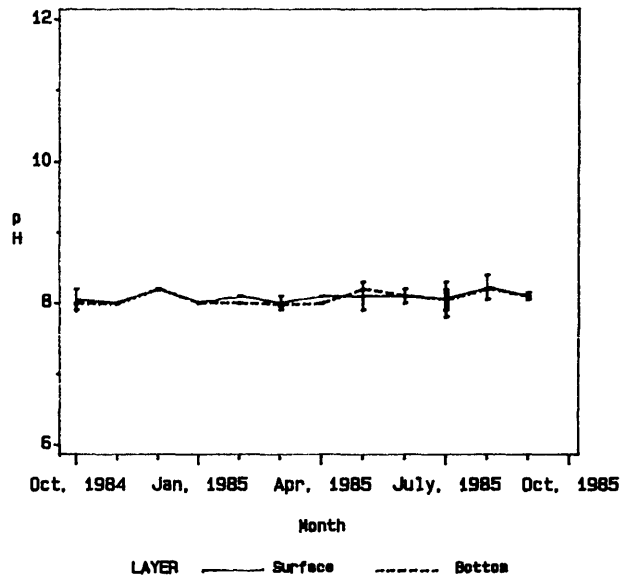

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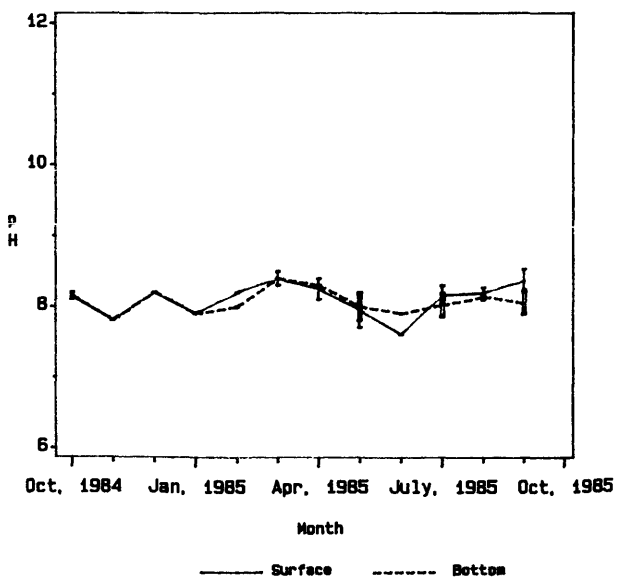

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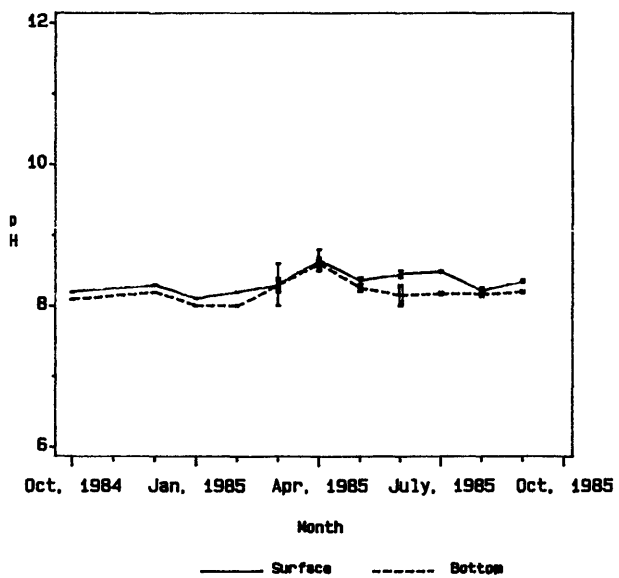

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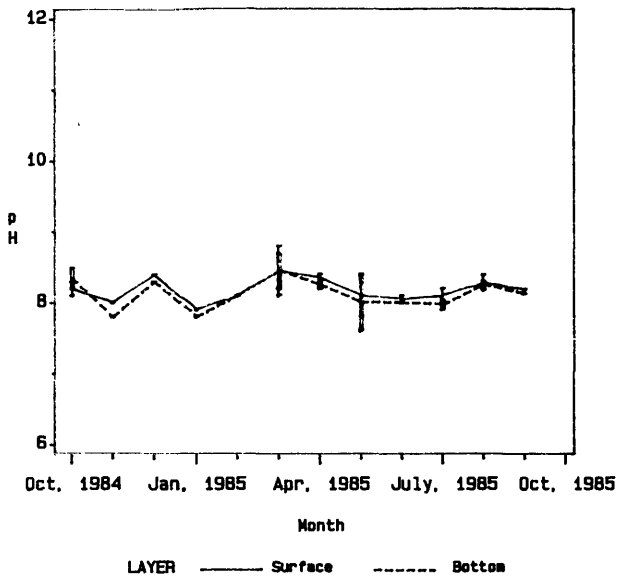

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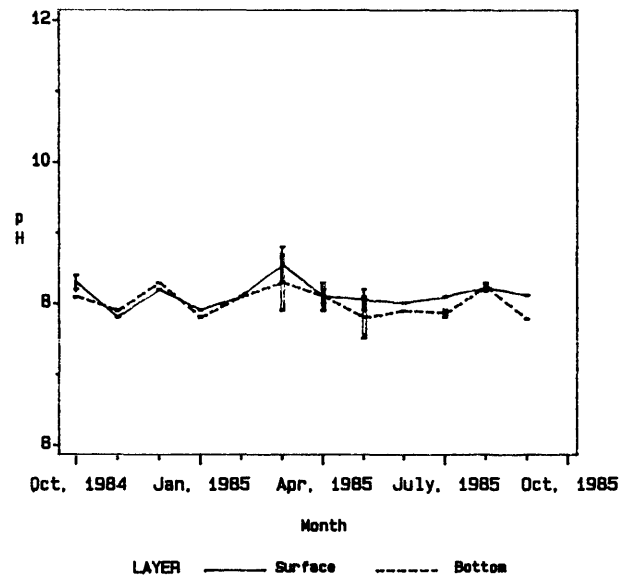

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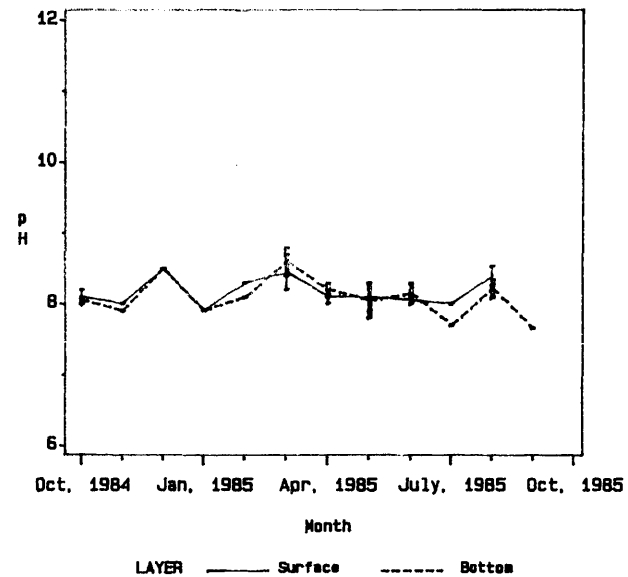

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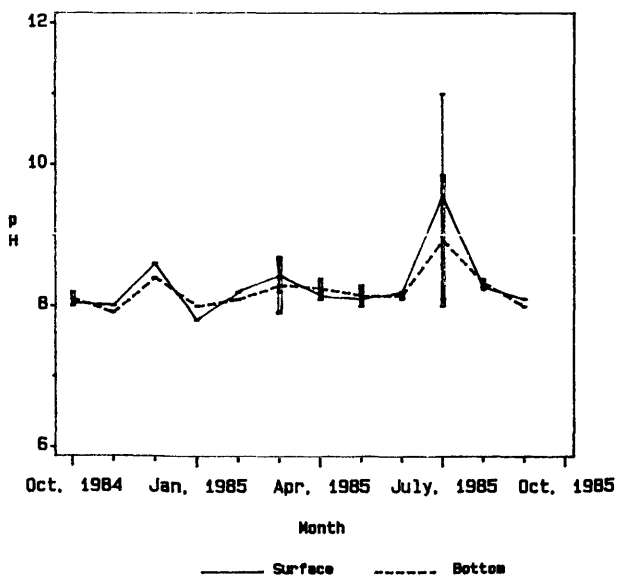

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