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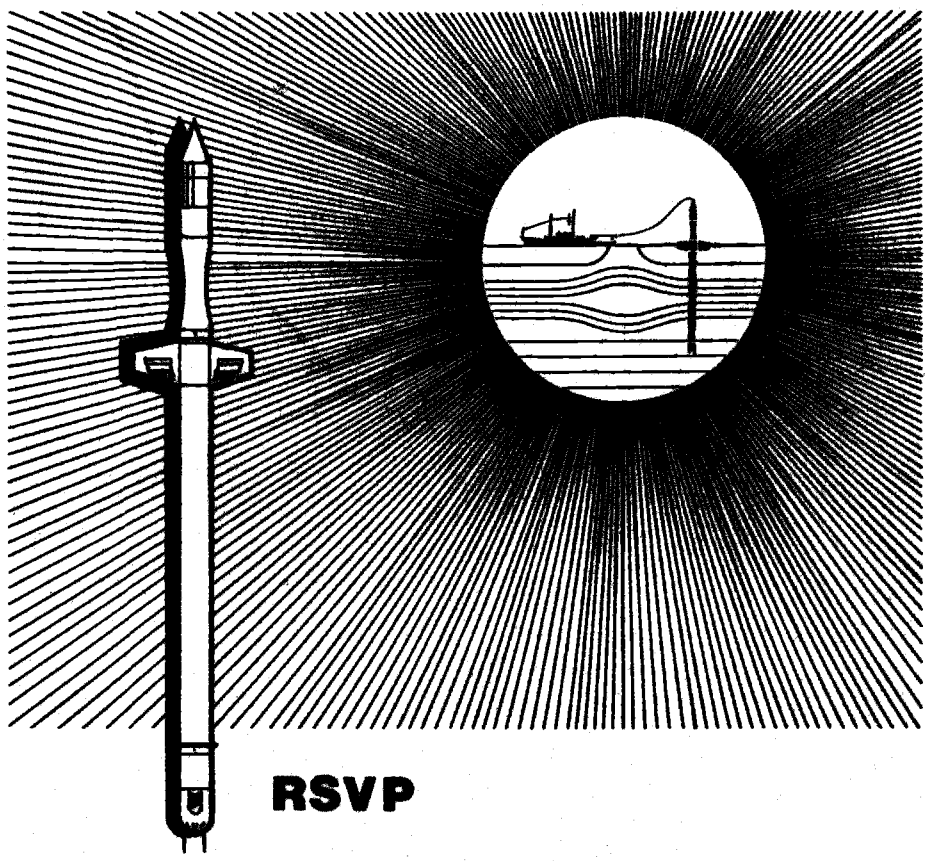

COASTAL TRANSITION ZONE
pilot-1987
Rapid-Sampling Vertical Profiler Observations

by
M. M. Park
J. N. Moum
D. R. Caldwell

Office of Naval Research
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College of Oceanography
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Temperature, salinity, sigma-t and dissipation profiles from the Rapid Sampling Vertical Profiler for six transects as part of the Coastal Transition Zone pilot experiment, June 1987.

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REPORT

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Douglas R. Caldwell
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Continuous, 24-hour profiling is inherently labor-intensive. These measurements could not have been accomplished without the conscientious efforts of Mike Brown, Pat Collier, Ray Kreth, Julie McClean-Padman, Susan Moum and Ted Strub who worked enthusiastically through 40 knot winds. We appreciate the efforts of the master and crew of the R/V Wecoma for their cooperation; we have acquired a new respect for the Wecoma as a platform for rough weather observations. Clayton Paulson as chief scientist and Marc Willis as marine technician provided organizational and logistics support. The efforts of Mark Abbott and the Scripps satellite facility in providing us with satellite imagery while we were at sea are gratefully acknowledged. This study was funded by the Office of Naval Research, contract number N00014-87-K-0242.

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INTRODUCTION

The Coastal Transition Zone (CTZ) experiment was designed to investigate the characteristics of the transition region between coastal upwelling and open ocean off the west coast of North America. The special area of interest was off Northern California. A few previous studies (Kosro and Huyer, 1985; Flament et al, 1985; Reinecker and Mooers, 1977; Bernstein et al, 1977) have noted the strong offshore jets of anomalously cool surface water which are the focus of our study.

The goals of our small-scale surveys were to examine in detail the evolution of a single feature and to determine its reaction to various forcing conditions. The pilot project in 1987 was intended to be exploratory in nature. It consisted of a 10-day cruise (27 May to 07 June, 1987; San Francisco to San Francisco) for which our measurement suite included:
1) surface temperature, conductivity and fluorescence measurements;
2) high-quality meteorological measurements;
3) towed thermistor chain;
4) hull-mounted acoustic Doppler current profiler (ADCP);
5) Rapid Sampling Vertical Profiler (RSVP).

Based on measurements made by Mike Kosro (OSU) and Jane Huyer (OSU) on the leg immediately preceding our own, we proceeded to examine a strong feature off Cape Mendocino, performing 3 North-South transects following the Huyer/Kosro outer line (see Huyer/Kosro data report). Transects 1 (108 RSVP microstructure casts) and 2 (112 casts) were made at 6 knots with the thermistor chain in tow. The thermistor chain was seriously damaged upon completion of Transect 2. Subsequent transects were made at slower speeds (3-4 knots) resulting in tighter profile spacing (approximately 1 km) and deeper profiles (200+ m). Transect 3 (215 casts) followed 126°10'W all the way from 39°20'N to 41°N, deviating from the Huyer/Kosro outer line at the south end.

We were fortunate to receive high quality facsimiles of satellite infrared images while aboard ship. Based on these images we decided that the feature off Mendocino was breaking up and that the most interesting and coherent feature within the study region was located off Point Arena. Following Transect 3 we proceeded to 39°40'N, 125°W and began a sequence of 3 North-South transects of RSVP/ADCP profiles between 39°40'N and 38°N. Transect 4 (177 casts) was made in light winds (6-10 knots), Transect 5 (202 casts) in increasing winds (4-20 knots) and Transect 6 (101 casts) in high winds (20-30 knots). During each transect we crossed a feature which we can characterize in a preliminary manner as cool, dense and flowing offshore.

INSTRUMENTATION

The RSVP is described by Caldwell et al (1985). Sensors mounted on the nose for the CTZ pilot experiment include a fast-response thermistor (Thermometrics), Neil Brown conductivity cell, pressure sensor and two orthogonally-mounted airfoil (shear) probes from which we have made estimates of turbulent kinetic energy dissipation rates (following Osborn and Crawford, 1980). During the thermistor chain tows, we mounted 2 Seabird conductivity sensors on the chain at 123 m depth. We used these plus thermistors positioned 1 m higher on the chain to compare profiler measurements of temperature and conductivity so that we might detect possible sensor drifts. None were found during the chain tows and agreement was good. CTD profiles were made at the beginning and end of each transect to compare to our conductivity and temperature measurements.

DATA REDUCTION

The primary data acquisition computer sampled six signals from the RSVP; pressure, temperature, temperature derivative, conductivity and two airfoil (shear) probes. The signals were sampled at 60 Hz except the shear sensors which were sampled at 240 Hz. Raw data were stored on magnetic tape and simultaneously sent across a high speed parallel interface to a second computer for further analysis. Plots of individual profiles presented in this report were produced at the time of each RSVP cast. Some adjustments were made to the data after comparison to CTD profiles made at the ends of each transect. Deglitching of spiky data was done on board ship.

Temperature and conductivity raw data were averaged over 128 points (approximately 2 meters at our fall speed of 110 cm/s) for the plot profiles. Salinity and σ_t were computed using the UNESCO 1978 algorithms from the 128-point averages of temperature and conductivity. A comparison of RSVP-computed salinity to a CTD cast at the beginning of transect 1 suggested that the RSVP was within 0.1 ppt. Unfortunately this CTD cast was done in an area of rapidly changing water masses and was considered unsatisfactory for a more precise comparison correction. During transects 1 and 2, further comparisons to Seabird conductivity sensors mounted on the towed thermistor chain at 123 meters and Chain temperature 1 meter above indicated that the RSVP profiles were within 0.1 ppt. RSVP surface values for transects 1 and 2 were compared to a sea chest thermosalinograph system using Seabird temperature and conductivity sensors. In addition, a hull-mounted ADCP (RD instruments) provided surface temperature for further comparison. RSVP surface salinity was consistently high by 0.08 ppt during transects 1 and 2.

CTD comparisons for transects 4 and 5 indicated our instrument had drifted (0.4 ppt at 200 meters) and adjustments were made to bring salinity to within 0.1 ppt at cast 153/36. A change of RSVP profilers at cast 154/16 and additional CTD casts for the remainder of transect 5 and 6 showed RSVP salinity to be within 0.01 ppt.

RSVP temperature and conductivity values averaged over 20 cm were sent to the second, real time processing computer, where calibrations were applied, deglitching performed and these profiles were stored for further analysis. Temperature and σ_t were further averaged over 1 meter and selected at 3, 20 and subsequent 20 meter depth intervals and plotted. These plots have calibration corrections applied from the CTD, towed thermistor chain and thermosalinograph data available during the cruise, unlike the real-time RSVP profiles.

The processing of the outputs from the two shear probes follows the procedure described by Park et al (1985). The turbulent dissipations computed from these data and plotted as profiles here have not been deglitched. Occasional plankton spikes, line glitches and other contaminants are sometimes apparent in the profiles. These were subsequently detected and removed before averaging to produce the summary plots shown.

THE DATA PLOTS

The RSVP profiles plotted are approximately 85% complete with omissions due to failure of the high speed parallel processing system. The entire data set is included with casts roughly every 8 minutes. As noted in the previous section, caution must be used when attempting to obtain absolute values of hydrographic data from the profiles.

Each real-time plot of an RSVP cast contains labeled solid line traces for temperature and σ_t, a dotted line for salinity and a solid trace for dissipation. Vertical and horizontal scales were adjusted to compensate for calibration errors and shifts, and real dynamic changes in instrument signals. The profiler sampled at depths between 150-250 meters. The ship speed determines the amount of line available for free fall and hence, the maximum depth of the profile.

The plots in this report are organized into six transects separated by the colored sheets. Individual profile plots from each transect are preceded by three summary plots. The first plot contains four parameters (wind speed, solar radiation, 100 meter averages of dissipation centered at 60 meters and when available 100m averages of dissipation centered at 160 meters). The dissipation for transect 6 is not yet available. The second and third plots are 1 meter averages of temperature and σ_t

selected from each profile at 3, 20, 40, 60, 80, 100, 120, 140, 160, 180 and 200 meter depth bins (again depending on the profilers' maximum depth). Temperature and conductivity were corrected and salinity and σ_t recomputed to reflect the CTD comparison information available during the cruise.

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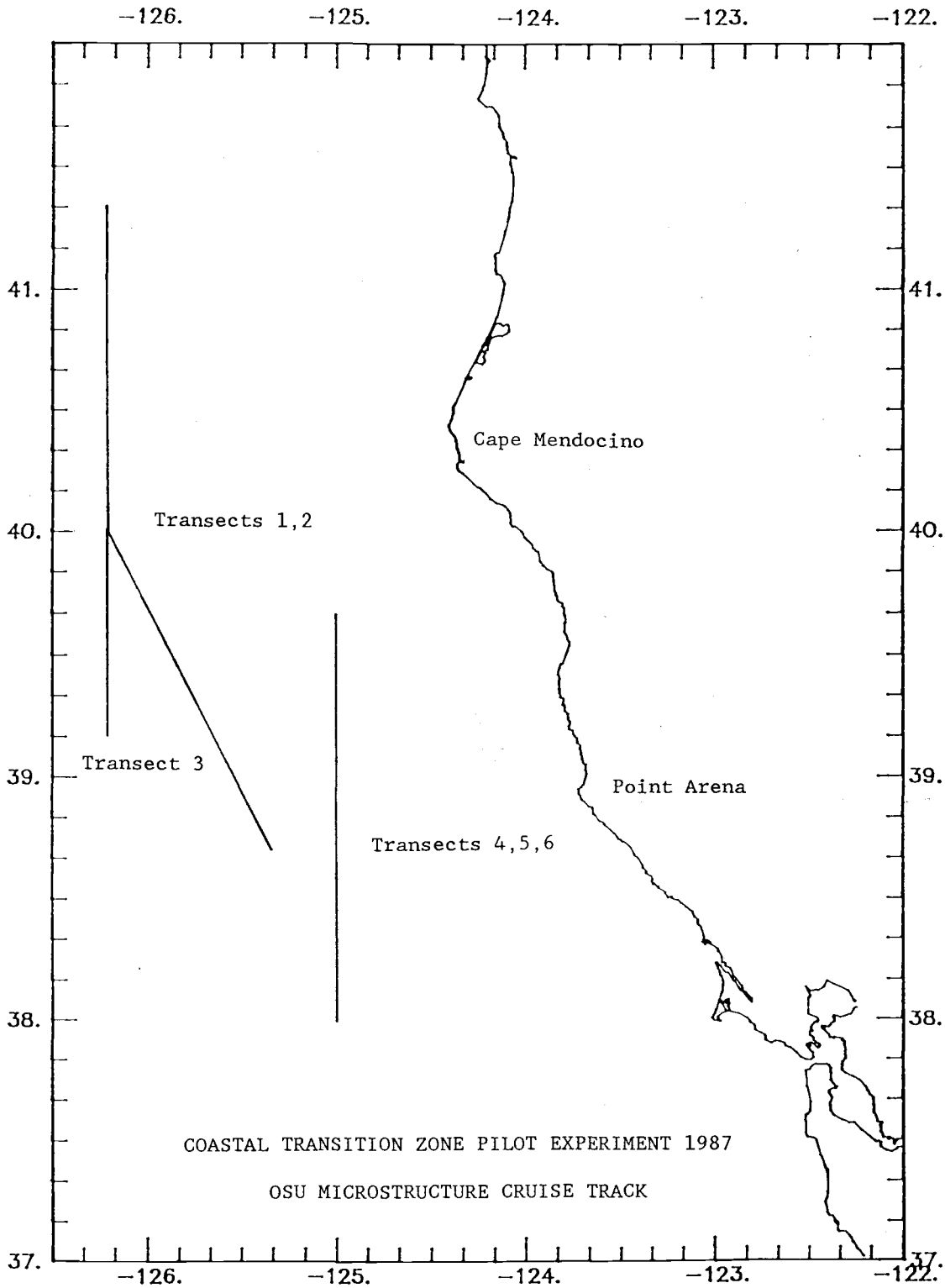
Transect Summary

Transect	Start Latitude	End Latitude	Longitude	Start Tape/Batch	End Tape/Batch	# Casts
1	38°44.2'N	41°26.4'N	126°10'W	140/01	143/36	108
2	41°27.0'N	39°42.0'N		143/37	145/22	112
3	39°19.2'N	40°59.5'N		145/41	149/45	215
4	39°39.2'N	37°59.3'N	125°00'W	149/46	153/19	177
5	37°58.5'N	39°40.0'N		153/21	157/09	202
6	39°40.0'N	38°00.0'N		157/10	160/36	191
				TOTAL CASTS --->		1005


-126.
-125.
-124.
-123.
-122.
41.
40.
39.
38.
37.
Cape Mendocino
Transects 1,2
Transect 3
Point Arena
Transects 4,5,6
COASTAL TRANSITION ZONE PILOT EXPERIMENT 1987
OSU MICROSTRUCTURE CRUISE TRACK

TAPE.FILE	TIME	LATITUDE	LONGITUDE
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140.009,	150.76366,	38.8146,	125.4681
140.010,	150.77019,	38.8214,	125.4764
140.011,	150.77902,	38.8350,	125.4866
140.012,	150.78534,	38.8449,	125.4938
140.013,	150.79170,	38.8550,	125.5011
140.014,	150.79726,	38.8680,	125.5067
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143.041,	152.00320,	41.4383,	126.1566
143.042,	152.01062,	41.4180,	126.1563
143.043,	152.01561,	41.4044,	126.1561
143.044,	152.02127,	41.3890,	126.1559
143.045,	152.02698,	41.3734,	126.1557
143.046,	152.03290,	41.3573,	126.1554
143.047,	152.04099,	41.3352,	126.1551
143.048,	152.04657,	41.3200,	126.1549
143.049,	152.05577,	41.2951,	126.1546
143.050,	152.06133,	41.2801,	126.1544
143.051,	152.06627,	41.2674,	126.1546
143.052,	152.07138,	41.2545,	126.1548
143.053,	152.07645,	41.2417,	126.1551
143.054,	152.08163,	41.2286,	126.1553
143.055,	152.08675,	41.2157,	126.1555
143.056,	152.09198,	41.2024,	126.1558
143.057,	152.09734,	41.1889,	126.1560
143.058,	152.10245,	41.1760,	126.1562
143.059,	152.10748,	41.1632,	126.1565
143.060,	152.11267,	41.1501,	126.1567
143.061,	152.11789,	41.1370,	126.1570

TAPE.FILE	TIME	LATITUDE	LONGITUDE
143.062,	152.12305,	41.1239,	126.1572
143.063,	152.12833,	41.1106,	126.1575
143.064,	152.13814,	41.0858,	126.1579
143.065,	152.14317,	41.0731,	126.1582
143.066,	152.14832,	41.0601,	126.1583
144.001,	152.15657,	41.0391,	126.1581
144.002,	152.16168,	41.0261,	126.1580
144.003,	152.16679,	41.0131,	126.1579
144.005,	152.17407,	40.9944,	126.1572
144.006,	152.17920,	40.9813,	126.1566
144.007,	152.18430,	40.9682,	126.1561
144.008,	152.18930,	40.9554,	126.1556
144.009,	152.19452,	40.9420,	126.1551
144.010,	152.20381,	40.9181,	126.1542
144.011,	152.21112,	40.8990,	126.1535
144.012,	152.21989,	40.8753,	126.1524
144.013,	152.23250,	40.8415,	126.1512
144.014,	152.23970,	40.8223,	126.1508
144.015,	152.24844,	40.7991,	126.1505
144.016,	152.25883,	40.7718,	126.1532
144.018,	152.30490,	40.6497,	126.1671
144.019,	152.31218,	40.6298,	126.1689
144.020,	152.31729,	40.6149,	126.1695
144.021,	152.32234,	40.6002,	126.1701
144.025,	152.37906,	40.4350,	126.1768
144.026,	152.39873,	40.3774,	126.1786
144.027,	152.40387,	40.3618,	126.1783
144.028,	152.40903,	40.3463,	126.1780
144.029,	152.41423,	40.3306,	126.1777
144.030,	152.42052,	40.3115,	126.1771
144.031,	152.42569,	40.2957,	126.1765
144.032,	152.43054,	40.2809,	126.1760
144.033,	152.43535,	40.2663,	126.1755
144.034,	152.44011,	40.2517,	126.1750
144.035,	152.44479,	40.2375,	126.1745
144.036,	152.45027,	40.2208,	126.1739
144.037,	152.45505,	40.2062,	126.1734
144.038,	152.45963,	40.1925,	126.1731
144.039,	152.46429,	40.1791,	126.1733
144.040,	152.46889,	40.1659,	126.1735
144.041,	152.47343,	40.1528,	126.1737
144.042,	152.47797,	40.1398,	126.1739
144.043,	152.48268,	40.1262,	126.1742
144.044,	152.48726,	40.1131,	126.1744
144.045,	152.49179,	40.1001,	126.1747
144.046,	152.49660,	40.0864,	126.1749
144.047,	152.50130,	40.0732,	126.1748
144.048,	152.50610,	40.0604,	126.1738
144.049,	152.51068,	40.0483,	126.1729
144.050,	152.51538,	40.0358,	126.1719
144.051,	152.52026,	40.0229,	126.1709
144.052,	152.52510,	40.0102,	126.1680

TAPE.FILE	TIME	LATITUDE	LONGITUDE
144.053,	152.53093,	39.9949,	126.1641
144.054,	152.53703,	39.9789,	126.1600
144.055,	152.54303,	39.9632,	126.1549
144.056,	152.54878,	39.9484,	126.1463
144.057,	152.55450,	39.9337,	126.1379
144.058,	152.55963,	39.9206,	126.1303
144.059,	152.56439,	39.9083,	126.1232
144.060,	152.56972,	39.8947,	126.1153
144.061,	152.57481,	39.8816,	126.1078
145.001,	152.58647,	39.8527,	126.0906
145.002,	152.59174,	39.8410,	126.0830
145.003,	152.59756,	39.8280,	126.0745
145.004,	152.60251,	39.8170,	126.0673
145.005,	152.60741,	39.8082,	126.0604
145.006,	152.61279,	39.7996,	126.0530
145.007,	152.61986,	39.7884,	126.0432
145.008,	152.63176,	39.7696,	126.0268
145.009,	152.63644,	39.7622,	126.0203
145.010,	152.64107,	39.7549,	126.0140
145.011,	152.64647,	39.7464,	126.0065
145.012,	152.65334,	39.7355,	125.9970
145.013,	152.65930,	39.7261,	125.9887
145.014,	152.66403,	39.7186,	125.9822
145.015,	152.66890,	39.7109,	125.9754
145.016,	152.67383,	39.7031,	125.9686
145.017,	152.68076,	39.6921,	125.9591
145.018,	152.68553,	39.6845,	125.9525
145.019,	152.69012,	39.6773,	125.9462
145.020,	152.69475,	39.6700,	125.9398
145.021,	152.69952,	39.6624,	125.9332
145.041,	153.02672,	39.3506,	126.1705
145.042,	153.03183,	39.3567,	126.1702
145.043,	153.03722,	39.3632,	126.1699
145.044,	153.04260,	39.3697,	126.1697
145.045,	153.04796,	39.3761,	126.1694
145.046,	153.05322,	39.3825,	126.1691
145.047,	153.05859,	39.3889,	126.1688
145.048,	153.06400,	39.3954,	126.1685
145.049,	153.06952,	39.4021,	126.1682
145.050,	153.07486,	39.4085,	126.1680
145.051,	153.08014,	39.4149,	126.1677
145.052,	153.08548,	39.4212,	126.1678
145.053,	153.09058,	39.4273,	126.1685
145.054,	153.11357,	39.4540,	126.1703
145.055,	153.11945,	39.4606,	126.1702
145.056,	153.12968,	39.4720,	126.1702
146.001,	153.14403,	39.4881,	126.1702
146.002,	153.15672,	39.5021,	126.1704
146.003,	153.16388,	39.5099,	126.1705
146.004,	153.17334,	39.5195,	126.1709
146.005,	153.17938,	39.5255,	126.1712
146.006,	153.18712,	39.5330,	126.1715

TAPE.FIL	TIME	LATITUDE	LONGITUDE
146.007,	153.19368,	39.5390,	126.1719
146.009,	153.20816,	39.5522,	126.1728
146.010,	153.22093,	39.5638,	126.1735
146.011,	153.22652,	39.5689,	126.1739
146.012,	153.23601,	39.5773,	126.1743
146.013,	153.24178,	39.5824,	126.1746
146.014,	153.24898,	39.5887,	126.1750
146.016,	153.26060,	39.5989,	126.1755
146.017,	153.26759,	39.6050,	126.1758
146.018,	153.27794,	39.6140,	126.1763
146.019,	153.28372,	39.6191,	126.1766
146.020,	153.28912,	39.6239,	126.1769
146.021,	153.29478,	39.6289,	126.1778
146.022,	153.30029,	39.6338,	126.1792
146.023,	153.30582,	39.6387,	126.1805
146.024,	153.31134,	39.6436,	126.1819
146.025,	153.31688,	39.6482,	126.1825
146.026,	153.32249,	39.6529,	126.1829
146.027,	153.32823,	39.6577,	126.1833
146.028,	153.33508,	39.6634,	126.1838
146.029,	153.34258,	39.6696,	126.1844
146.030,	153.34981,	39.6756,	126.1849
146.031,	153.35559,	39.6804,	126.1854
146.032,	153.36128,	39.6853,	126.1862
146.033,	153.36703,	39.6902,	126.1871
146.034,	153.37267,	39.6950,	126.1879
146.035,	153.37827,	39.7002,	126.1882
146.036,	153.38440,	39.7062,	126.1883
146.037,	153.39000,	39.7116,	126.1883
146.038,	153.39575,	39.7172,	126.1884
146.039,	153.40179,	39.7230,	126.1886
146.040,	153.40752,	39.7284,	126.1887
146.041,	153.41315,	39.7337,	126.1889
146.042,	153.41864,	39.7390,	126.1889
146.043,	153.42448,	39.7447,	126.1887
146.044,	153.43027,	39.7504,	126.1885
146.045,	153.43623,	39.7562,	126.1882
146.046,	153.44199,	39.7620,	126.1877
147.001,	153.45161,	39.7718,	126.1867
147.002,	153.45741,	39.7777,	126.1861
147.003,	153.46323,	39.7838,	126.1855
147.004,	153.46887,	39.7897,	126.1850
147.005,	153.47502,	39.7962,	126.1844
147.006,	153.48058,	39.8022,	126.1837
147.007,	153.48622,	39.8085,	126.1827
147.008,	153.49185,	39.8147,	126.1817
147.009,	153.49753,	39.8210,	126.1807
147.010,	153.50296,	39.8270,	126.1797
147.011,	153.50850,	39.8330,	126.1785
147.012,	153.51405,	39.8390,	126.1773
147.013,	153.51956,	39.8449,	126.1762
147.014,	153.52499,	39.8508,	126.1750

TAPE.FILE	TIME	LATITUDE	LONGITUDE
147.015,	153.53029,	39.8565,	126.1739
147.016,	153.53748,	39.8643,	126.1723
147.017,	153.54283,	39.8700,	126.1713
147.018,	153.54810,	39.8757,	126.1706
147.019,	153.55333,	39.8813,	126.1700
147.020,	153.55855,	39.8869,	126.1694
147.021,	153.56372,	39.8924,	126.1690
147.022,	153.56911,	39.8980,	126.1697
147.023,	153.57437,	39.9036,	126.1703
147.024,	153.57957,	39.9091,	126.1709
147.025,	153.58496,	39.9148,	126.1713
147.026,	153.59013,	39.9203,	126.1712
147.027,	153.59532,	39.9259,	126.1711
147.028,	153.60049,	39.9314,	126.1711
147.029,	153.60591,	39.9373,	126.1710
147.030,	153.61105,	39.9428,	126.1709
147.031,	153.61832,	39.9505,	126.1708
147.032,	153.62358,	39.9562,	126.1707
147.033,	153.62929,	39.9623,	126.1706
147.034,	153.63538,	39.9689,	126.1706
147.035,	153.64069,	39.9746,	126.1705
147.036,	153.64609,	39.9804,	126.1704
147.037,	153.65134,	39.9863,	126.1694
147.038,	153.65884,	39.9947,	126.1681
147.039,	153.66411,	40.0006,	126.1672
147.040,	153.66913,	40.0063,	126.1661
147.041,	153.67421,	40.0121,	126.1649
147.042,	153.67934,	40.0180,	126.1637
147.043,	153.68445,	40.0238,	126.1624
147.044,	153.68956,	40.0297,	126.1612
147.045,	153.73335,	40.0798,	126.1519
148.001,	153.74655,	40.0953,	126.1530
148.003,	153.75262,	40.1025,	126.1537
148.004,	153.75922,	40.1103,	126.1546
148.005,	153.76523,	40.1174,	126.1554
148.006,	153.77100,	40.1242,	126.1562
148.007,	153.77667,	40.1309,	126.1570
148.008,	153.78239,	40.1377,	126.1579
148.009,	153.78813,	40.1445,	126.1587
148.010,	153.79393,	40.1514,	126.1595
148.011,	153.79944,	40.1579,	126.1603
148.012,	153.80536,	40.1649,	126.1611
148.013,	153.81113,	40.1717,	126.1619
148.014,	153.81674,	40.1783,	126.1627
148.015,	153.82239,	40.1850,	126.1635
148.016,	153.82915,	40.1930,	126.1644
148.017,	153.83452,	40.1993,	126.1652
148.018,	153.84067,	40.2066,	126.1660
148.019,	153.84628,	40.2132,	126.1668
148.020,	153.85194,	40.2200,	126.1676
148.021,	153.85716,	40.2261,	126.1683
148.022,	153.86270,	40.2327,	126.1691

TAPE.FILE	TIME	LATITUDE	LONGITUDE
148.023,	153.87114,	40.2426,	126.1703
148.024,	153.87646,	40.2494,	126.1710
148.025,	153.88196,	40.2576,	126.1712
148.026,	153.88744,	40.2658,	126.1714
148.027,	153.89281,	40.2738,	126.1717
148.028,	153.89795,	40.2818,	126.1718
148.029,	153.90340,	40.2909,	126.1717
148.030,	153.90868,	40.2996,	126.1717
148.033,	153.92458,	40.3260,	126.1716
148.034,	153.92970,	40.3345,	126.1715
148.035,	153.93488,	40.3431,	126.1715
148.036,	153.94101,	40.3532,	126.1715
148.037,	153.94633,	40.3620,	126.1715
148.038,	153.95229,	40.3718,	126.1714
148.039,	153.95764,	40.3807,	126.1714
148.040,	153.96234,	40.3885,	126.1714
148.041,	153.96721,	40.3965,	126.1714
148.042,	153.97209,	40.4046,	126.1713
148.043,	153.97687,	40.4126,	126.1713
148.044,	153.98166,	40.4205,	126.1713
148.045,	153.98654,	40.4286,	126.1713
148.046,	153.99150,	40.4368,	126.1712
148.047,	153.99638,	40.4448,	126.1712
148.048,	154.00160,	40.4535,	126.1712
148.049,	154.00636,	40.4613,	126.1711
148.050,	154.01111,	40.4692,	126.1711
148.051,	154.01660,	40.4783,	126.1710
148.052,	154.02147,	40.4864,	126.1710
148.053,	154.02650,	40.4947,	126.1710
148.054,	154.03156,	40.5031,	126.1709
148.055,	154.03638,	40.5111,	126.1709
148.056,	154.04129,	40.5193,	126.1709
148.058,	154.04802,	40.5304,	126.1709
148.059,	154.05342,	40.5393,	126.1708
148.060,	154.05820,	40.5472,	126.1708
148.061,	154.06296,	40.5551,	126.1708
148.062,	154.06787,	40.5632,	126.1708
148.063,	154.07596,	40.5766,	126.1707
148.064,	154.08115,	40.5852,	126.1707
149.001,	154.08846,	40.5973,	126.1707
149.002,	154.09348,	40.6056,	126.1707
149.003,	154.09886,	40.6146,	126.1706
149.004,	154.10402,	40.6231,	126.1706
149.005,	154.10887,	40.6312,	126.1706
149.006,	154.11823,	40.6466,	126.1705
149.007,	154.12318,	40.6548,	126.1704
149.008,	154.12813,	40.6630,	126.1704
149.009,	154.13309,	40.6712,	126.1704
149.010,	154.13812,	40.6795,	126.1703
149.011,	154.14301,	40.6876,	126.1703
149.012,	154.14799,	40.6959,	126.1703
149.013,	154.15303,	40.7043,	126.1703

TAPE.FILE	TIME	LATITUDE	LONGITUDE
149.014,	154.15788,	40.7123,	126.1702
149.015,	154.16284,	40.7205,	126.1702
149.016,	154.16769,	40.7286,	126.1702
149.017,	154.17285,	40.7371,	126.1702
149.018,	154.17775,	40.7452,	126.1701
149.019,	154.18260,	40.7532,	126.1701
149.020,	154.18741,	40.7611,	126.1701
149.021,	154.19244,	40.7695,	126.1701
149.022,	154.20111,	40.7838,	126.1700
149.023,	154.20641,	40.7926,	126.1700
149.024,	154.21199,	40.8019,	126.1700
149.025,	154.21719,	40.8105,	126.1699
149.026,	154.22343,	40.8209,	126.1699
149.027,	154.22920,	40.8304,	126.1698
149.028,	154.23409,	40.8385,	126.1698
149.029,	154.24097,	40.8499,	126.1697
149.030,	154.24594,	40.8581,	126.1697
149.031,	154.25157,	40.8674,	126.1697
149.032,	154.25815,	40.8783,	126.1697
149.033,	154.26314,	40.8866,	126.1696
149.034,	154.26825,	40.8950,	126.1696
149.035,	154.27330,	40.9034,	126.1696
149.036,	154.27809,	40.9113,	126.1696
149.037,	154.28453,	40.9220,	126.1695
149.038,	154.28970,	40.9305,	126.1695
149.039,	154.29485,	40.9391,	126.1695
149.040,	154.30011,	40.9478,	126.1695
149.041,	154.30544,	40.9566,	126.1694
149.042,	154.31088,	40.9656,	126.1694
149.043,	154.31607,	40.9742,	126.1694
149.044,	154.32121,	40.9827,	126.1693
149.045,	154.32643,	40.9914,	126.1693
149.046,	154.76926,	39.6541,	124.9779
149.047,	154.77534,	39.6487,	124.9753
149.048,	154.78133,	39.6414,	124.9731
149.049,	154.78746,	39.6339,	124.9708
149.050,	154.79399,	39.6256,	124.9690
149.051,	154.79988,	39.6176,	124.9686
149.052,	154.80571,	39.6098,	124.9681
149.053,	154.81172,	39.6017,	124.9677
149.054,	154.81749,	39.5939,	124.9672
149.055,	154.82338,	39.5859,	124.9668
149.056,	154.82910,	39.5782,	124.9663
150.002,	154.83780,	39.5663,	124.9669
150.003,	154.84383,	39.5578,	124.9681
150.004,	154.84956,	39.5498,	124.9693
150.005,	154.85532,	39.5417,	124.9705
150.006,	154.86113,	39.5332,	124.9723
150.007,	154.86952,	39.5210,	124.9748
150.008,	154.87529,	39.5126,	124.9765
150.009,	154.88264,	39.5018,	124.9788
150.010,	154.88837,	39.4934,	124.9805

TAPE.FILE	TIME	LATITUDE	LONGITUDE
150.011,	154.89420,	39.4849,	124.9823
150.013,	154.90562,	39.4683,	124.9852
150.014,	154.91145,	39.4598,	124.9865
150.015,	154.91727,	39.4513,	124.9879
150.017,	154.92879,	39.4347,	124.9905
150.018,	154.93452,	39.4264,	124.9917
150.019,	154.94072,	39.4174,	124.9931
150.020,	154.94649,	39.4091,	124.9944
150.021,	154.95219,	39.4009,	124.9956
150.022,	154.95772,	39.3929,	124.9969
150.023,	154.96327,	39.3849,	124.9981
150.024,	154.97101,	39.3737,	124.9998
150.025,	154.97650,	39.3658,	125.0010
150.027,	154.98204,	39.3577,	125.0019
150.028,	154.98749,	39.3497,	125.0024
150.030,	154.99405,	39.3400,	125.0030
150.031,	154.99997,	39.3313,	125.0035
150.032,	155.00560,	39.3227,	125.0023
150.033,	155.01117,	39.3141,	125.0011
150.034,	155.01674,	39.3056,	125.0000
150.035,	155.02217,	39.2971,	124.9991
150.036,	155.02774,	39.2879,	124.9992
150.037,	155.03317,	39.2790,	124.9993
150.038,	155.03949,	39.2686,	124.9994
150.039,	155.04486,	39.2595,	125.0001
150.040,	155.05029,	39.2501,	125.0013
150.041,	155.05576,	39.2407,	125.0024
150.043,	155.06674,	39.2216,	125.0048
150.044,	155.07216,	39.2123,	125.0060
150.045,	155.07764,	39.2028,	125.0072
150.046,	155.08319,	39.1931,	125.0084
150.047,	155.08856,	39.1838,	125.0095
150.048,	155.09401,	39.1744,	125.0107
150.049,	155.09943,	39.1649,	125.0119
150.050,	155.10484,	39.1555,	125.0130
150.051,	155.11026,	39.1461,	125.0142
150.052,	155.11572,	39.1367,	125.0154
151.001,	155.12346,	39.1233,	125.0171
151.002,	155.12898,	39.1137,	125.0183
151.003,	155.13498,	39.1034,	125.0196
151.004,	155.14038,	39.0940,	125.0207
151.005,	155.14584,	39.0846,	125.0219
151.006,	155.15125,	39.0752,	125.0231
151.007,	155.15672,	39.0657,	125.0243
151.010,	155.16565,	39.0502,	125.0263
151.011,	155.17128,	39.0404,	125.0268
151.012,	155.17680,	39.0308,	125.0272
151.014,	155.18254,	39.0209,	125.0276
151.015,	155.18819,	39.0111,	125.0278
151.016,	155.19382,	39.0013,	125.0271
151.017,	155.20125,	38.9883,	125.0262
151.018,	155.20737,	38.9777,	125.0255

TAPE.FILE	TIME	LATITUDE	LONGITUDE
151.019,	155.21323,	38.9675,	125.0248
151.020,	155.21935,	38.9568,	125.0241
151.021,	155.22502,	38.9469,	125.0234
151.022,	155.23305,	38.9329,	125.0224
151.023,	155.24011,	38.9206,	125.0216
151.024,	155.24568,	38.9109,	125.0209
151.025,	155.25134,	38.9011,	125.0202
151.026,	155.25806,	38.8893,	125.0191
151.027,	155.26483,	38.8775,	125.0180
151.028,	155.27309,	38.8630,	125.0165
151.029,	155.27859,	38.8534,	125.0154
151.030,	155.28545,	38.8413,	125.0139
151.031,	155.29106,	38.8315,	125.0127
151.032,	155.29688,	38.8213,	125.0115
151.033,	155.30261,	38.8112,	125.0103
151.034,	155.30836,	38.8011,	125.0091
151.035,	155.31418,	38.7910,	125.0078
151.036,	155.31999,	38.7807,	125.0066
151.037,	155.32568,	38.7707,	125.0054
151.038,	155.33142,	38.7607,	125.0041
151.039,	155.33711,	38.7507,	125.0029
151.040,	155.34285,	38.7406,	125.0017
151.041,	155.34877,	38.7302,	125.0004
151.042,	155.35451,	38.7201,	124.9992
151.043,	155.36018,	38.7101,	124.9980
151.044,	155.36600,	38.6999,	124.9968
151.045,	155.37445,	38.6851,	124.9950
151.046,	155.38029,	38.6748,	124.9938
151.047,	155.38599,	38.6648,	124.9926
151.048,	155.39157,	38.6550,	124.9914
151.049,	155.39722,	38.6451,	124.9902
151.050,	155.40294,	38.6350,	124.9890
151.051,	155.40875,	38.6248,	124.9878
152.001,	155.42068,	38.6039,	124.9855
152.002,	155.42671,	38.5934,	124.9847
152.003,	155.43246,	38.5833,	124.9839
152.004,	155.43817,	38.5733,	124.9832
152.005,	155.44388,	38.5635,	124.9836
152.006,	155.44975,	38.5534,	124.9840
152.007,	155.45537,	38.5437,	124.9844
152.008,	155.46092,	38.5341,	124.9848
152.009,	155.46648,	38.5246,	124.9851
152.010,	155.47202,	38.5150,	124.9855
152.012,	155.48264,	38.4967,	124.9861
152.013,	155.48865,	38.4863,	124.9865
152.014,	155.49425,	38.4766,	124.9869
152.015,	155.49985,	38.4670,	124.9873
152.016,	155.50537,	38.4574,	124.9876
152.017,	155.51108,	38.4476,	124.9880
152.018,	155.51674,	38.4379,	124.9883
152.019,	155.52237,	38.4281,	124.9887
152.020,	155.52864,	38.4173,	124.9891

TAPE.FILE	TIME	LATITUDE	LONGITUDE
152.021,	155.53435,	38.4075,	124.9895
152.022,	155.53989,	38.3980,	124.9899
152.023,	155.54561,	38.3881,	124.9902
152.024,	155.55112,	38.3786,	124.9906
152.025,	155.55695,	38.3685,	124.9910
152.026,	155.56258,	38.3588,	124.9913
152.027,	155.56810,	38.3492,	124.9917
152.028,	155.57359,	38.3398,	124.9920
152.030,	155.58467,	38.3207,	124.9928
152.031,	155.59019,	38.3112,	124.9931
152.032,	155.59570,	38.3017,	124.9935
152.033,	155.60121,	38.2922,	124.9938
152.034,	155.60675,	38.2826,	124.9942
152.035,	155.61238,	38.2729,	124.9946
152.036,	155.61847,	38.2624,	124.9950
152.037,	155.62418,	38.2525,	124.9953
152.038,	155.63139,	38.2400,	124.9959
152.039,	155.63814,	38.2283,	124.9963
152.040,	155.64383,	38.2185,	124.9968
152.041,	155.64957,	38.2081,	124.9973
152.042,	155.65527,	38.1977,	124.9979
152.043,	155.66103,	38.1871,	124.9985
152.044,	155.66661,	38.1769,	124.9991
152.045,	155.67218,	38.1667,	124.9997
153.001,	155.68034,	38.1517,	125.0005
153.003,	155.69038,	38.1333,	125.0016
153.004,	155.69815,	38.1191,	125.0025
153.005,	155.70480,	38.1069,	125.0032
153.006,	155.71046,	38.0967,	125.0038
153.007,	155.71623,	38.0866,	125.0042
153.008,	155.72191,	38.0766,	125.0046
153.009,	155.72798,	38.0660,	125.0050
153.010,	155.73358,	38.0565,	125.0053
153.011,	155.73915,	38.0471,	125.0056
153.012,	155.74490,	38.0374,	125.0059
153.013,	155.75143,	38.0264,	125.0062
153.014,	155.75711,	38.0171,	125.0064
153.015,	155.76314,	38.0071,	125.0067
153.016,	155.76871,	37.9979,	125.0069
153.017,	155.77411,	37.9932,	125.0069
153.018,	155.77989,	37.9911,	125.0068
153.019,	155.78564,	37.9890,	125.0066
153.021,	155.82674,	37.9757,	125.0056
153.022,	155.83836,	37.9810,	125.0052
153.023,	155.84416,	37.9889,	125.0049
153.024,	155.84987,	37.9967,	125.0047
153.025,	155.85559,	38.0045,	125.0044
153.026,	155.86107,	38.0120,	125.0042
153.027,	155.86670,	38.0197,	125.0039
153.028,	155.87216,	38.0271,	125.0036
153.029,	155.87782,	38.0351,	125.0032
153.030,	155.88350,	38.0433,	125.0026

TAPE.FILE	TIME	LATITUDE	LONGITUDE
153.031,	155.88914,	38.0514,	125.0021
153.032,	155.89470,	38.0595,	125.0015
153.033,	155.90045,	38.0681,	125.0007
153.034,	155.90605,	38.0766,	124.9998
153.035,	155.91191,	38.0856,	124.9989
153.036,	155.91762,	38.0942,	124.9980
153.037,	155.92311,	38.1024,	124.9971
153.038,	155.92863,	38.1107,	124.9962
153.039,	155.93430,	38.1192,	124.9953
153.041,	155.94206,	38.1307,	124.9939
153.042,	155.94777,	38.1390,	124.9928
153.043,	155.95332,	38.1471,	124.9917
153.044,	155.95879,	38.1548,	124.9907
153.045,	155.96431,	38.1602,	124.9901
153.046,	155.97194,	38.1675,	124.9893
153.047,	155.97768,	38.1731,	124.9888
153.048,	155.98341,	38.1784,	124.9882
153.049,	155.98900,	38.1835,	124.9877
153.050,	155.99477,	38.1887,	124.9871
153.051,	156.00050,	38.1940,	124.9866
153.052,	156.00620,	38.1992,	124.9860
153.053,	156.01192,	38.2044,	124.9855
154.001,	156.01865,	38.2105,	124.9849
154.002,	156.02451,	38.2159,	124.9844
154.003,	156.03023,	38.2211,	124.9838
154.005,	156.03841,	38.2285,	124.9830
154.006,	156.06604,	38.2541,	124.9806
154.007,	156.07602,	38.2641,	124.9801
154.008,	156.08025,	38.2684,	124.9799
154.009,	156.08560,	38.2749,	124.9800
154.010,	156.09114,	38.2833,	124.9808
154.011,	156.09683,	38.2919,	124.9816
154.012,	156.10237,	38.3003,	124.9824
154.013,	156.10786,	38.3086,	124.9832
154.014,	156.11369,	38.3174,	124.9841
154.015,	156.11923,	38.3258,	124.9849
154.019,	156.14287,	38.3614,	124.9885
154.020,	156.14847,	38.3699,	124.9893
154.021,	156.15408,	38.3784,	124.9901
154.022,	156.15968,	38.3868,	124.9910
154.023,	156.16536,	38.3954,	124.9918
154.024,	156.17094,	38.4038,	124.9926
154.025,	156.17657,	38.4123,	124.9935
154.026,	156.18225,	38.4209,	124.9943
154.027,	156.18793,	38.4294,	124.9952
154.028,	156.19350,	38.4379,	124.9962
154.029,	156.19994,	38.4477,	124.9973
154.030,	156.20561,	38.4563,	124.9983
154.031,	156.21133,	38.4651,	124.9999
154.032,	156.21700,	38.4739,	125.0020
154.034,	156.24318,	38.5164,	125.0072
154.035,	156.24886,	38.5260,	125.0075

TAPE.FILE	TIME	LATITUDE	LONGITUDE
154.036,	156.25444,	38.5354,	125.0077
154.037,	156.26286,	38.5495,	125.0081
154.038,	156.26852,	38.5590,	125.0084
154.039,	156.27437,	38.5688,	125.0087
154.040,	156.27972,	38.5778,	125.0089
154.041,	156.28833,	38.5923,	125.0093
154.042,	156.29359,	38.6011,	125.0096
154.043,	156.29897,	38.6102,	125.0098
154.044,	156.30408,	38.6187,	125.0101
154.045,	156.30919,	38.6273,	125.0103
154.046,	156.31425,	38.6358,	125.0106
154.047,	156.31944,	38.6446,	125.0108
154.048,	156.32457,	38.6532,	125.0110
154.049,	156.32965,	38.6617,	125.0112
154.050,	156.33485,	38.6705,	125.0115
154.051,	156.33997,	38.6790,	125.0117
154.052,	156.34509,	38.6877,	125.0120
154.053,	156.35031,	38.6964,	125.0122
154.054,	156.35626,	38.7064,	125.0125
155.001,	156.36212,	38.7163,	125.0128
155.002,	156.37061,	38.7305,	125.0132
155.003,	156.37564,	38.7390,	125.0134
155.004,	156.38058,	38.7473,	125.0137
155.005,	156.38593,	38.7563,	125.0139
155.006,	156.39105,	38.7649,	125.0142
155.007,	156.39616,	38.7735,	125.0144
155.008,	156.40126,	38.7820,	125.0147
155.009,	156.40634,	38.7906,	125.0149
155.010,	156.41142,	38.7992,	125.0152
155.011,	156.41652,	38.8077,	125.0154
155.012,	156.42159,	38.8163,	125.0156
155.013,	156.42734,	38.8259,	125.0159
155.014,	156.43237,	38.8344,	125.0161
155.015,	156.43748,	38.8430,	125.0163
155.016,	156.44254,	38.8515,	125.0165
155.017,	156.44781,	38.8603,	125.0168
155.018,	156.45334,	38.8696,	125.0171
155.019,	156.45819,	38.8778,	125.0173
155.020,	156.46315,	38.8861,	125.0175
155.021,	156.46805,	38.8943,	125.0178
155.022,	156.47313,	38.9029,	125.0180
155.023,	156.47824,	38.9114,	125.0183
155.024,	156.48338,	38.9201,	125.0185
155.025,	156.48846,	38.9286,	125.0187
155.026,	156.49370,	38.9374,	125.0190
155.027,	156.49954,	38.9472,	125.0193
155.028,	156.50493,	38.9563,	125.0195
155.029,	156.51003,	38.9648,	125.0197
155.030,	156.51514,	38.9734,	125.0200
155.031,	156.52046,	38.9824,	125.0202
155.032,	156.52559,	99.0000,	99.0000
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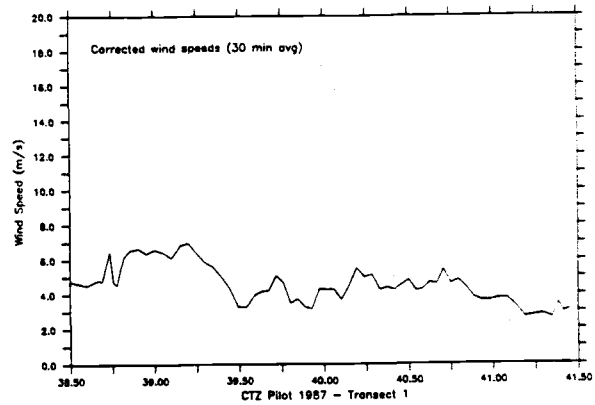
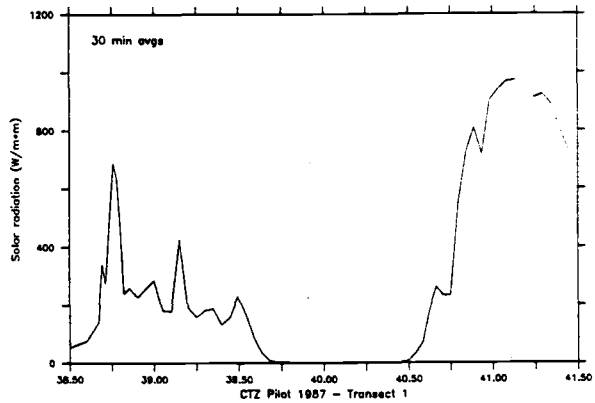
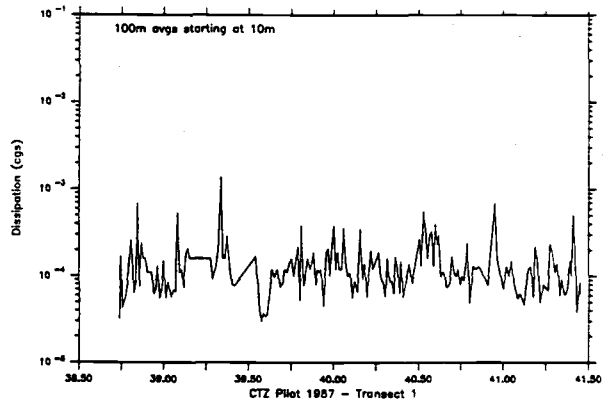
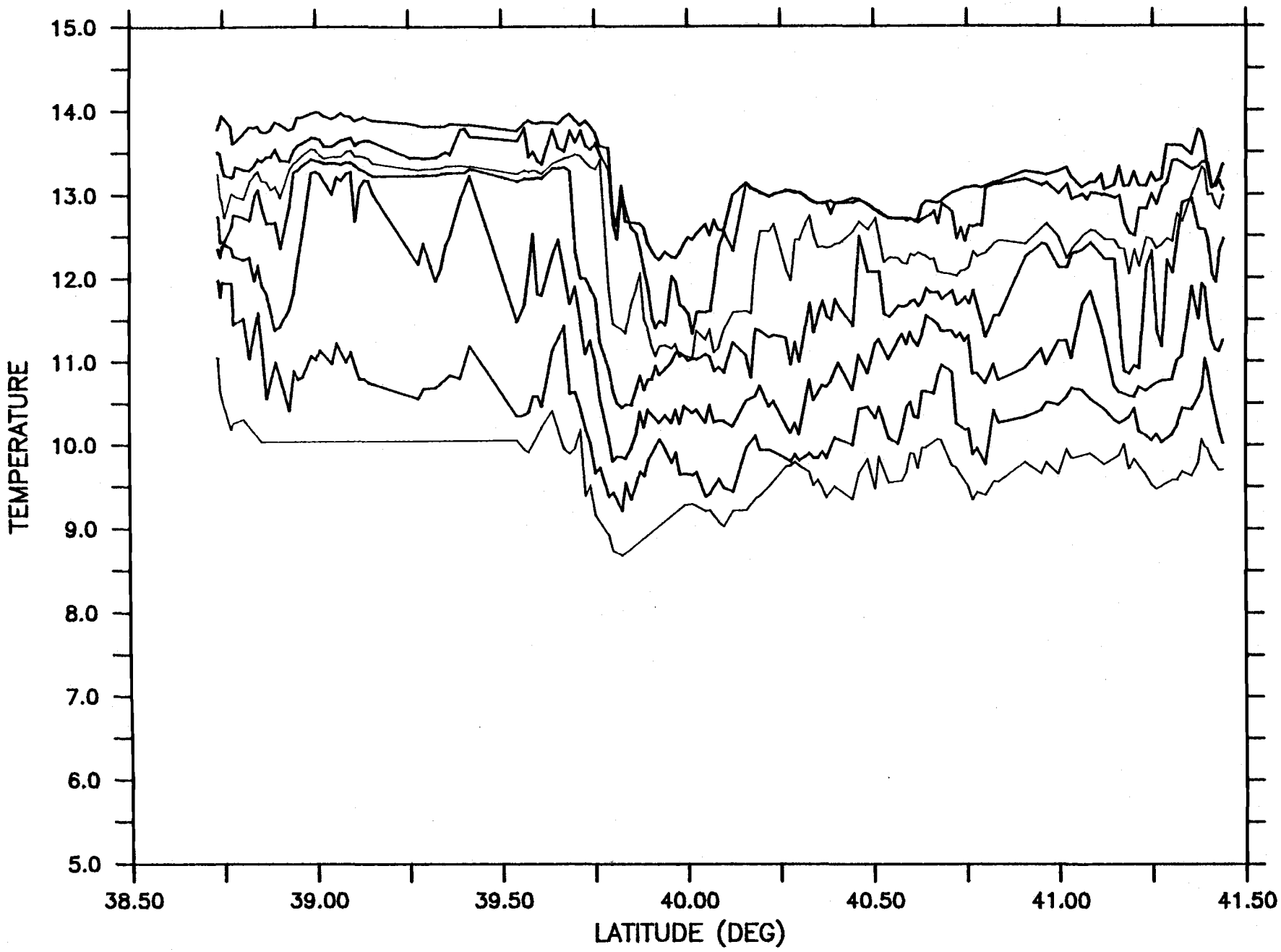
TRANSECT 1

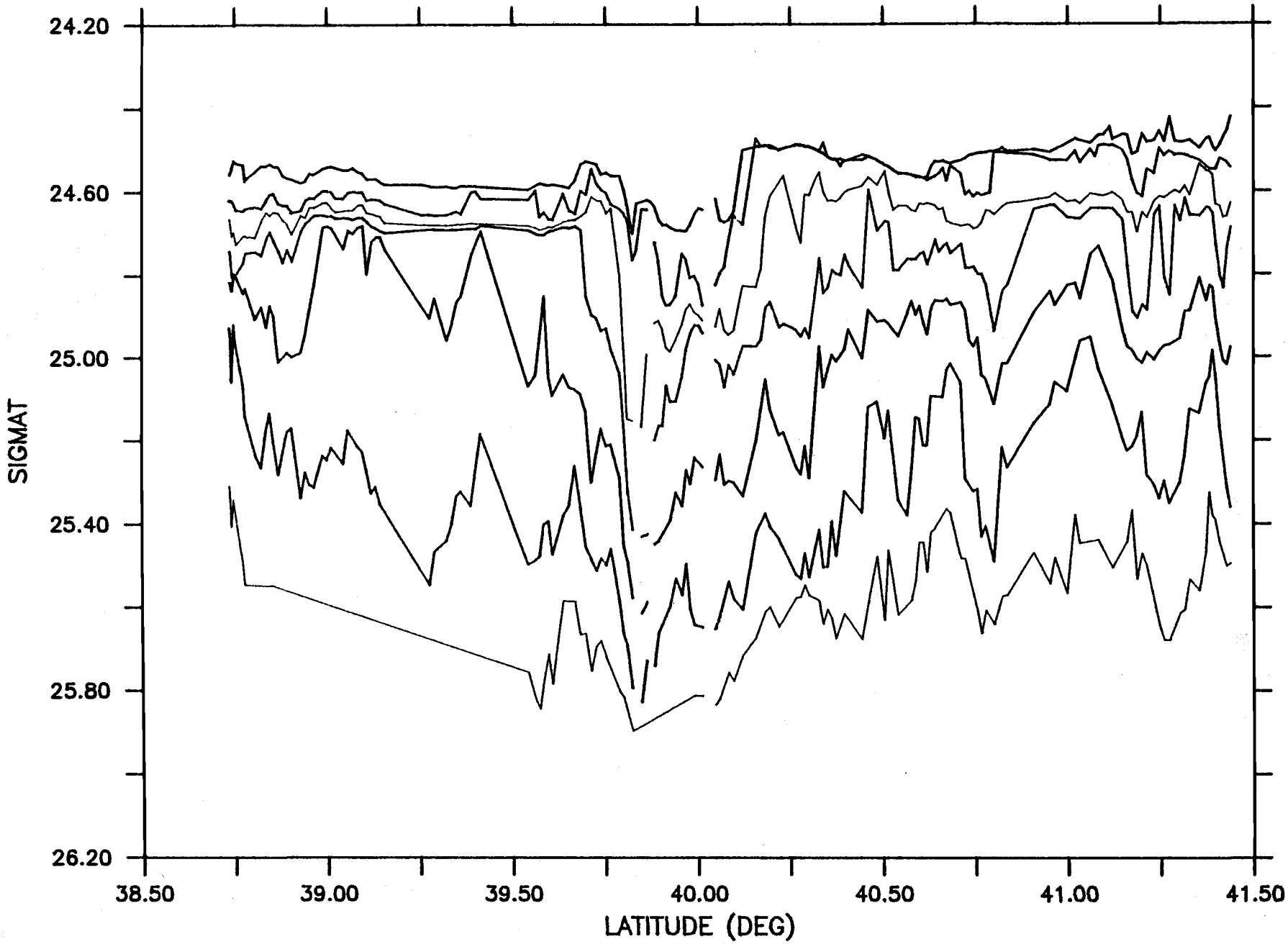

Corrected wind speeds (30 min avg)
Wind Speed (m/s)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
38.50
39.00
39.50
40.00
40.50
41.00
41.50
CTZ Pilot 1987 – Transect 1


30 min avgs
Solar radiation (W/m**m)
1200
800
400
0
38.50
39.00
39.50
40.00
40.50
41.00
41.50
CTZ Pilot 1987 – Transect 1

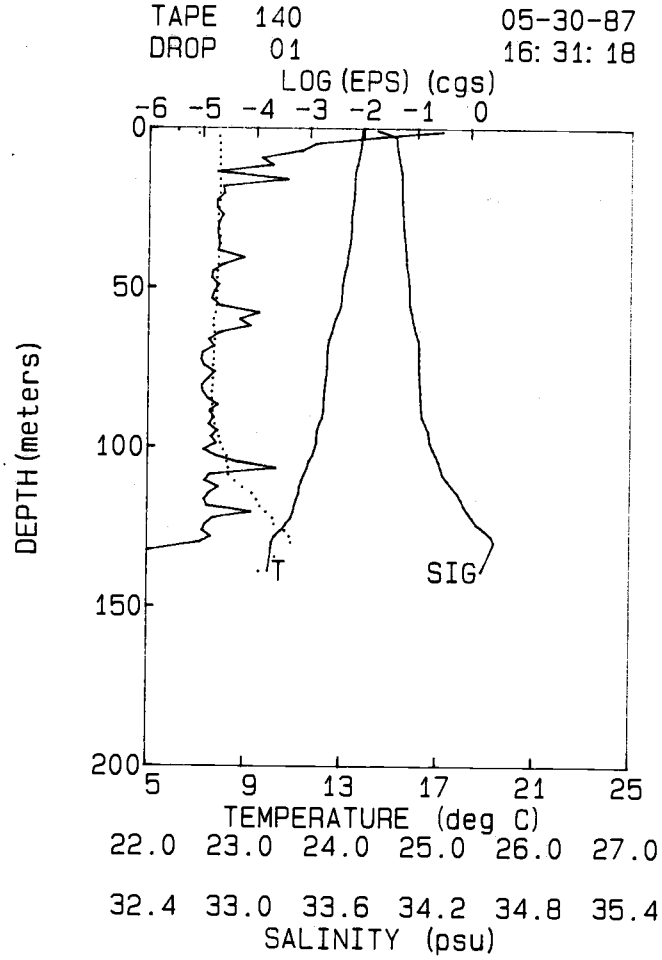

100m avgs starting at 10m
Dissipation (cgs)
38.50
39.00
39.50
40.00
40.50
41.00
41.50
CTZ Pilot 1987 – Transect 1

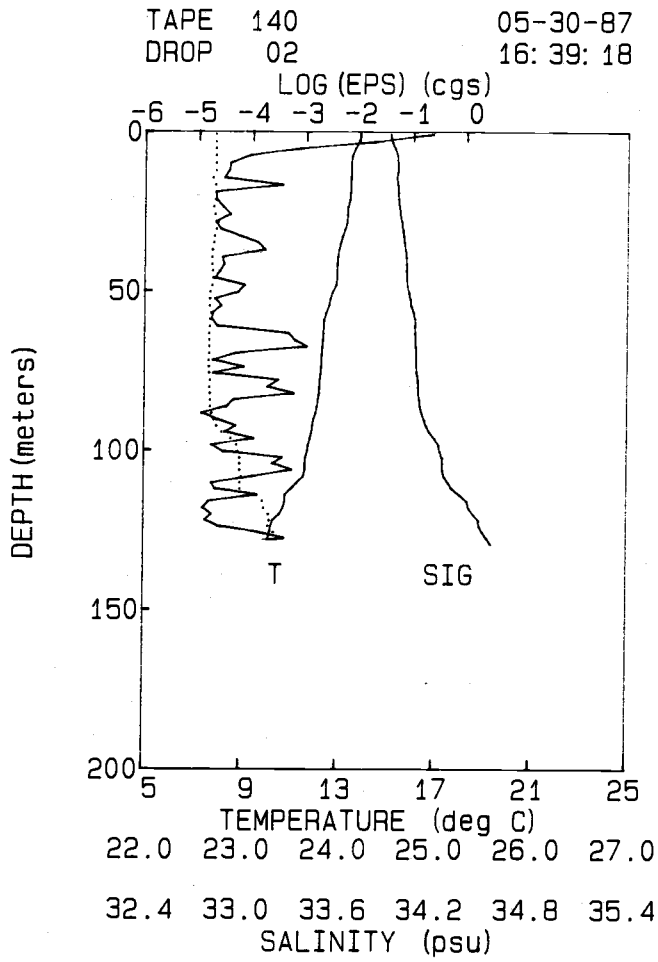

15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
TEMPERATURE
38.50
39.00
39.50
40.00
40.50
41.00
41.50
LATITUDE (DEG)

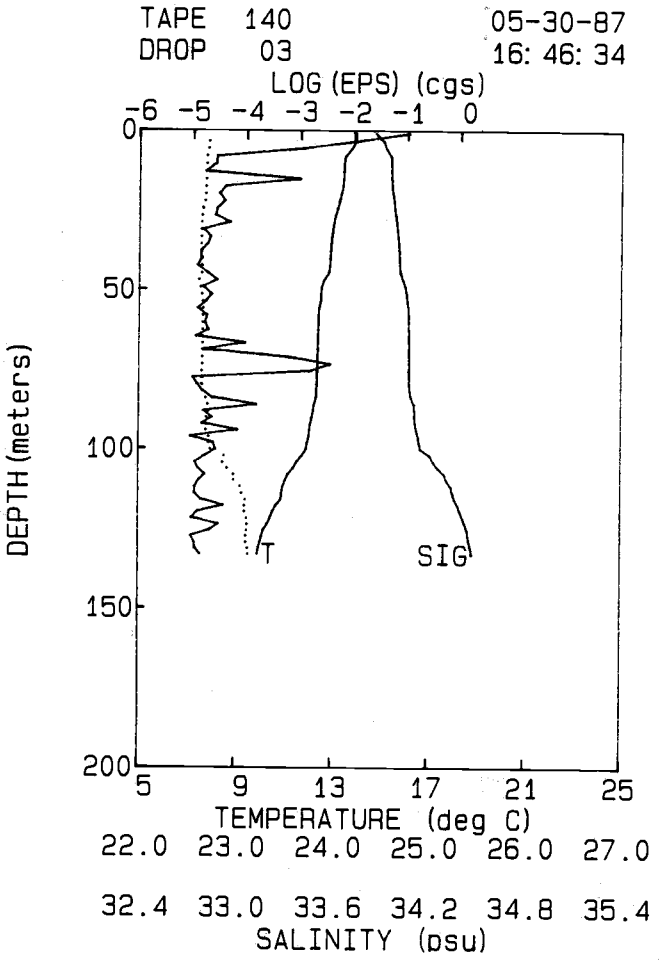
TRANSECT 1

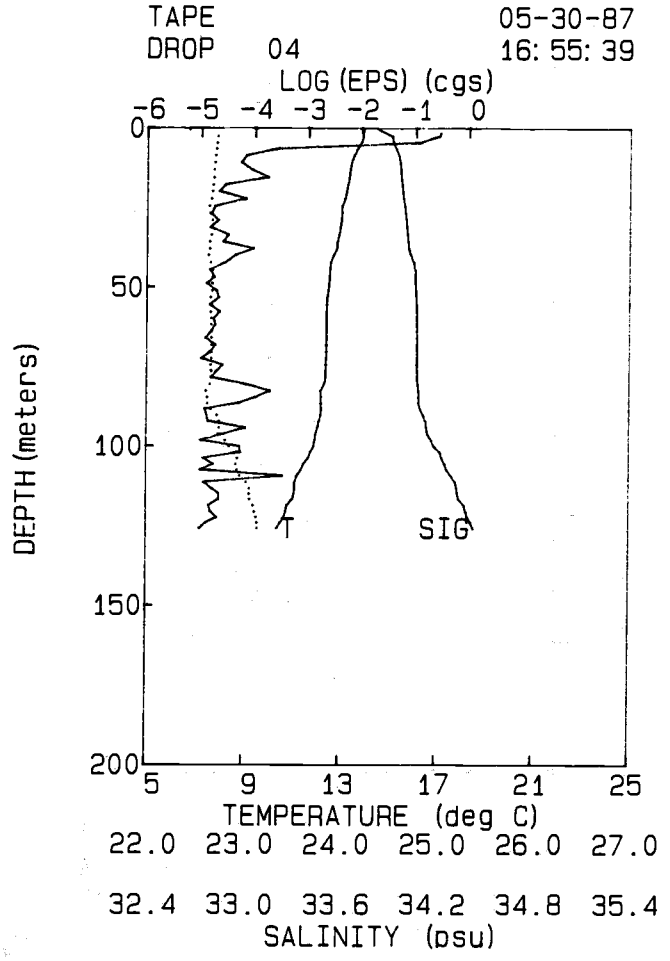

24.20
24.60
25.00
25.40
25.80
26.20
SIGMAT
38.50
39.00
39.50
40.00
40.50
41.00
41.50
LATITUDE (DEG)

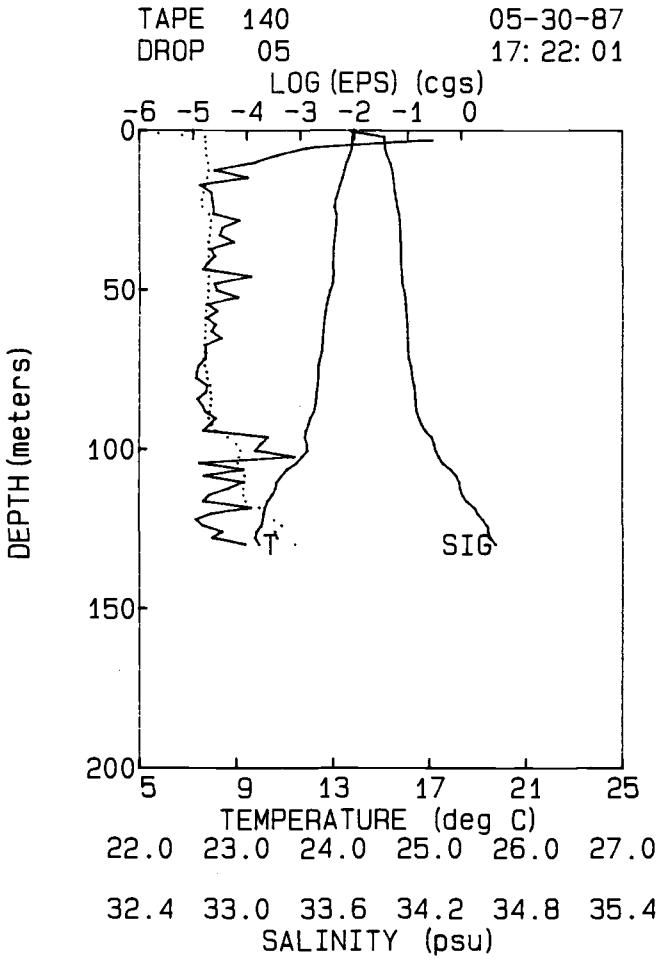
TRANSECT 1

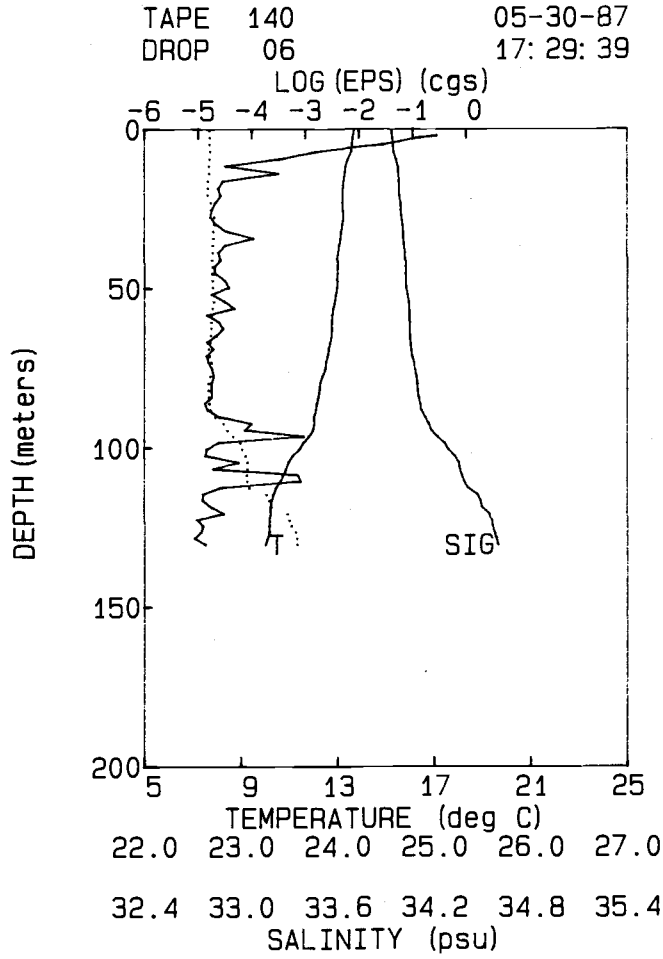

TAPE 140
DROP 01
05-30-87
16: 31: 18
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 9 13 17 21 25
TEMPERATURE (deg C)
22.0 23.0 24.0 25.0 26.0 27.0
32.4 33.0 33.6 34.2 34.8 35.4
SALINITY (psu)


TAPE 140
DROP 02
05-30-87
16: 39: 18
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 9 13 17 21 25
TEMPERATURE (deg C)
22.0 23.0 24.0 25.0 26.0 27.0
32.4 33.0 33.6 34.2 34.8 35.4
SALINITY (psu)


TAPE 140
DROP 03
05-30-87
16: 46: 34
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 9 13 17 21 25
TEMPERATURE (deg C)
22.0 23.0 24.0 25.0 26.0 27.0
32.4 33.0 33.6 34.2 34.8 35.4
SALINITY (psu)


TAPE
DROP 04
05-30-87
16: 55: 39
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 9 13 17 21 25
TEMPERATURE (deg C)
22.0 23.0 24.0 25.0 26.0 27.0
32.4 33.0 33.6 34.2 34.8 35.4
SALINITY (psu)


TAPE 140
DROP 05
05-30-87
17: 22: 01
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 9 13 17 21 25
TEMPERATURE (deg C)
22.0 23.0 24.0 25.0 26.0 27.0
32.4 33.0 33.6 34.2 34.8 35.4
SALINITY (psu)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100
150
200
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SIG
5 9 13 17 21 25
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32.4 33.0 33.6 34.2 34.8 35.4
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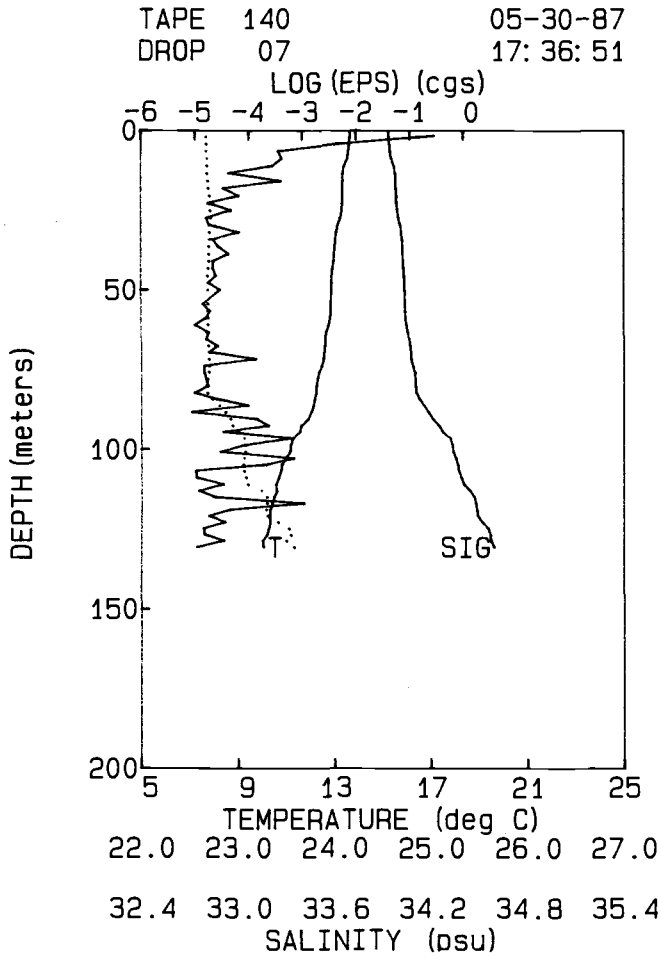
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200
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SIG
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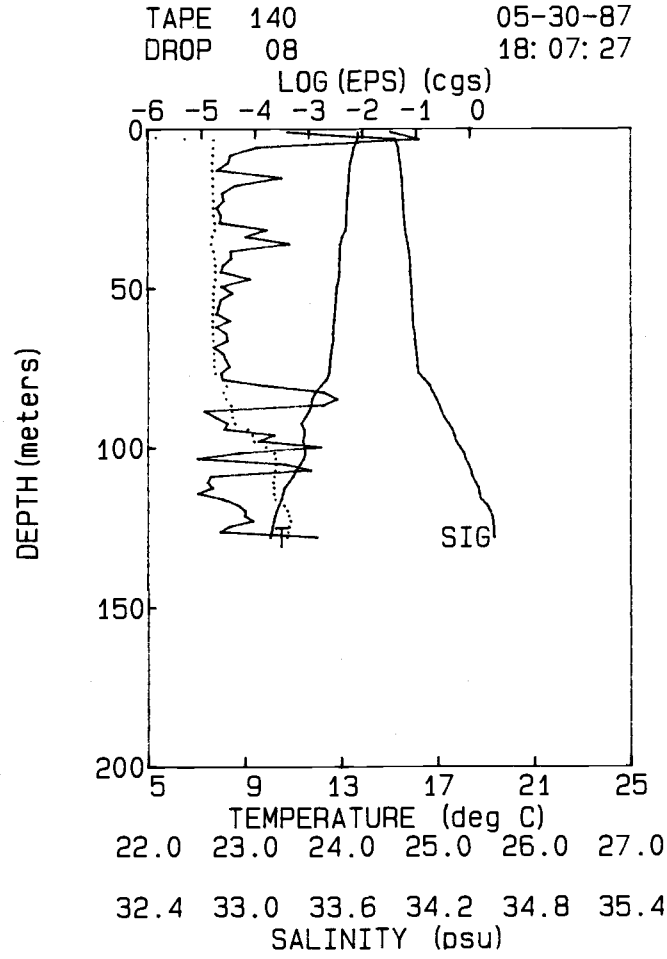
32.4 33.0 33.6 34.2 34.8 35.4
SALINITY (psu)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200
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SIG
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TEMPERATURE (deg C)
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32.4 33.0 33.6 34.2 34.8 35.4
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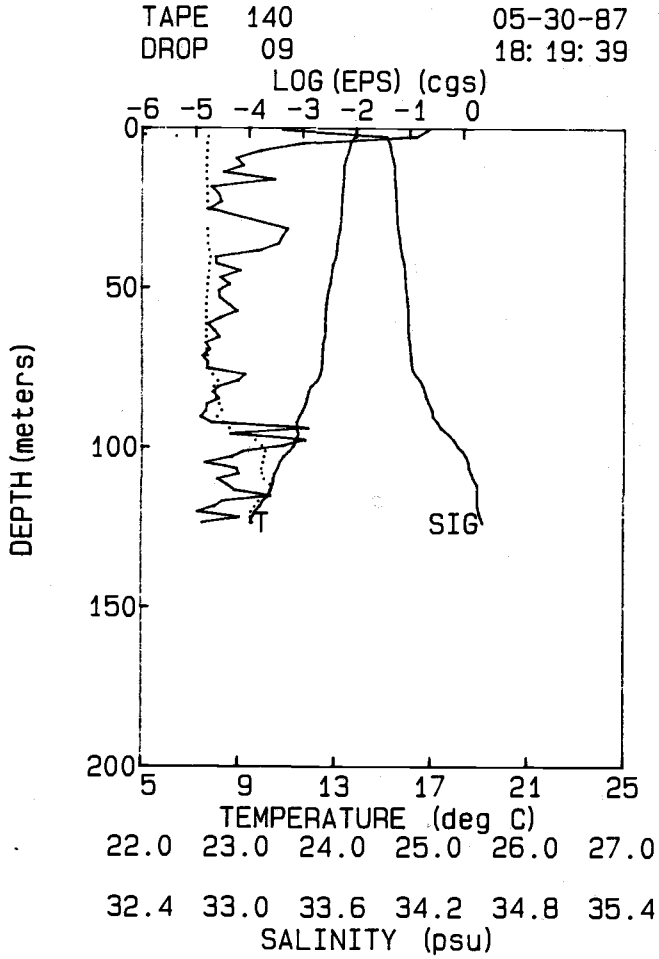
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200
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SIG
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32.4 33.0 33.6 34.2 34.8 35.4
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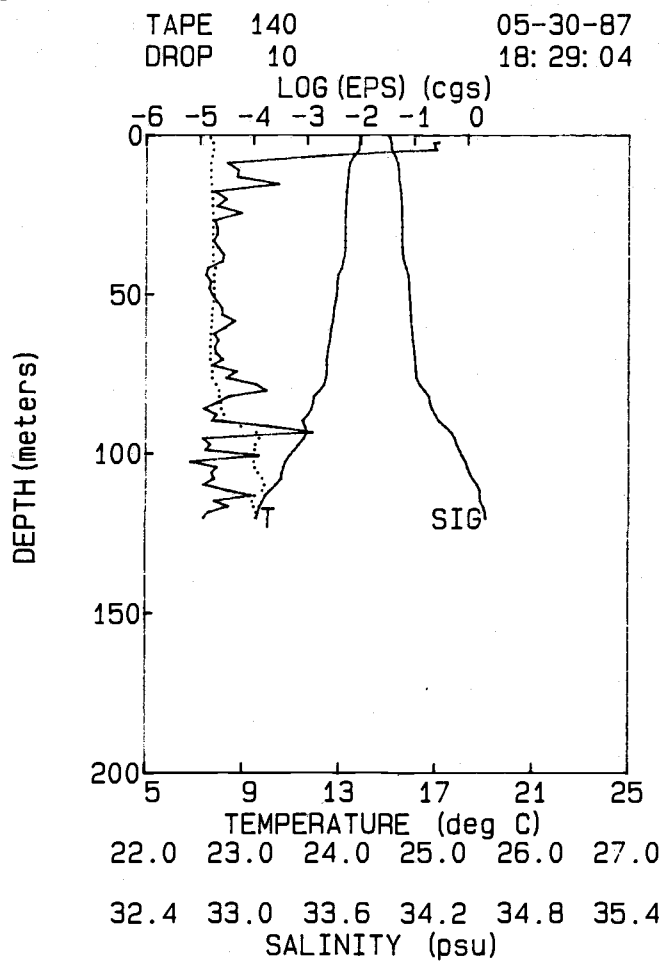
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200
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SIG
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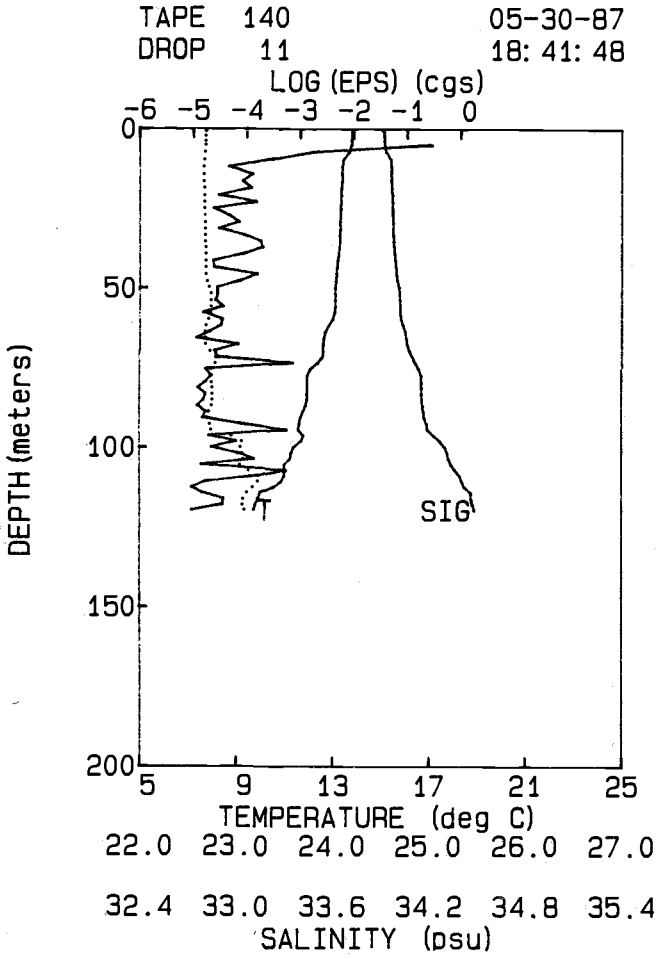
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100
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200
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SIG
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32.4 33.0 33.6 34.2 34.8 35.4
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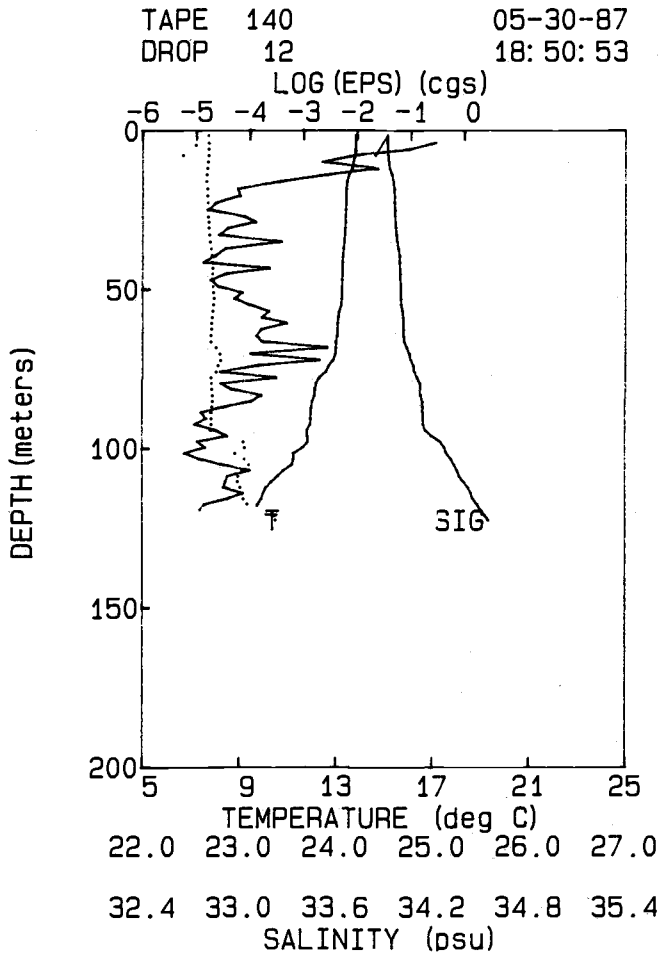
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100
150
200
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SIG
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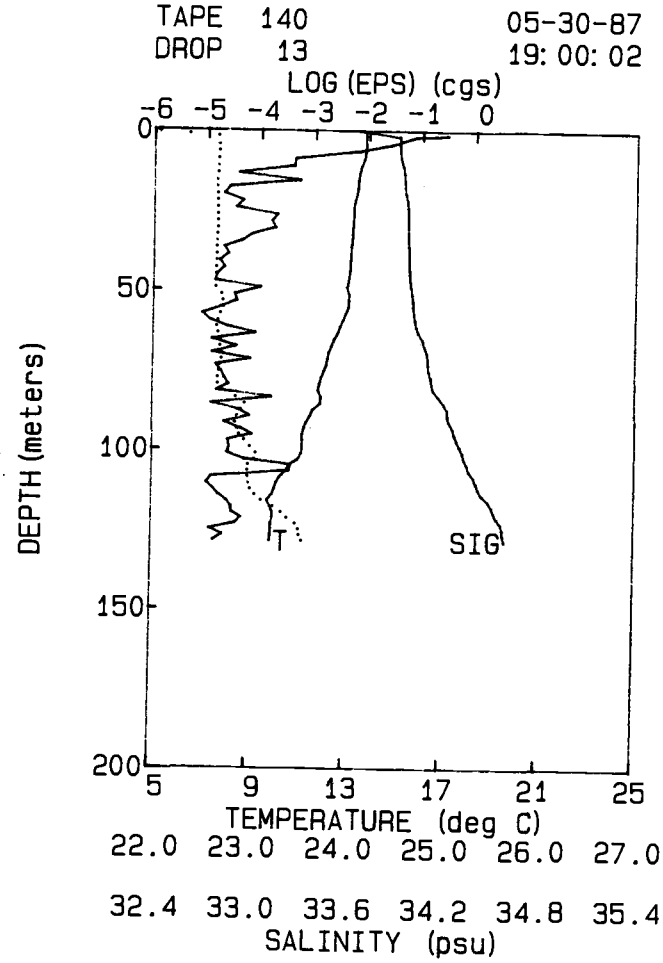
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DEPTH (meters)
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100
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200
T
SIG
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32.4 33.0 33.6 34.2 34.8 35.4
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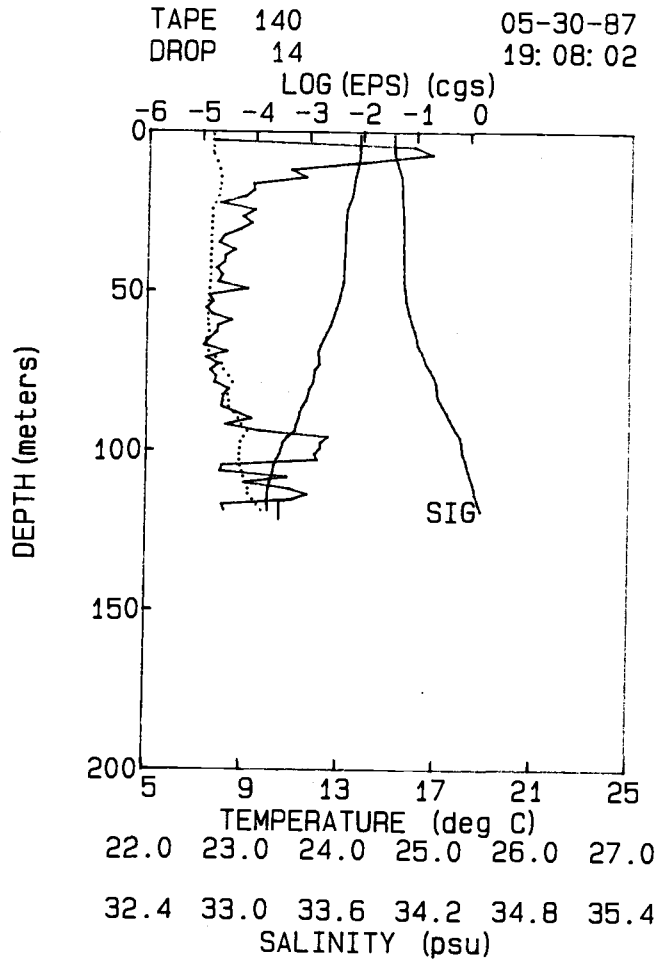
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100
150
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T
SIG
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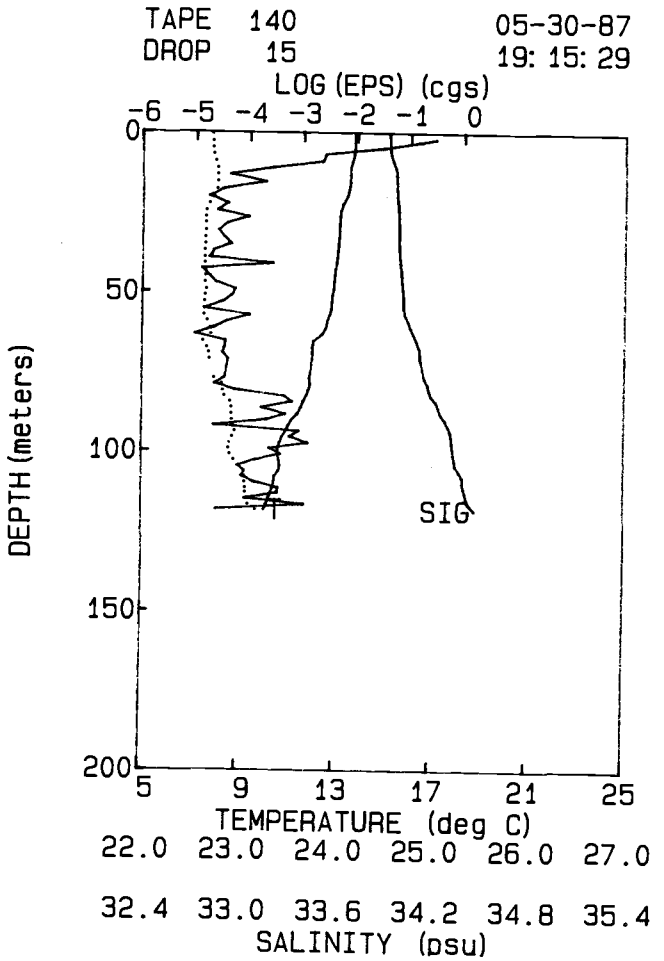
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100
150
200
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SIG
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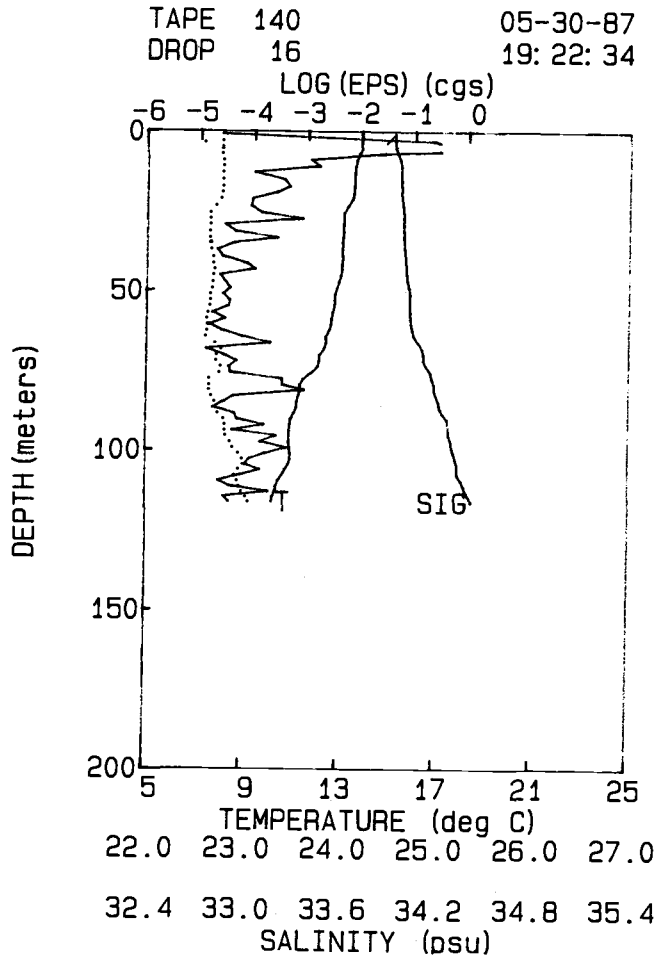
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SIG
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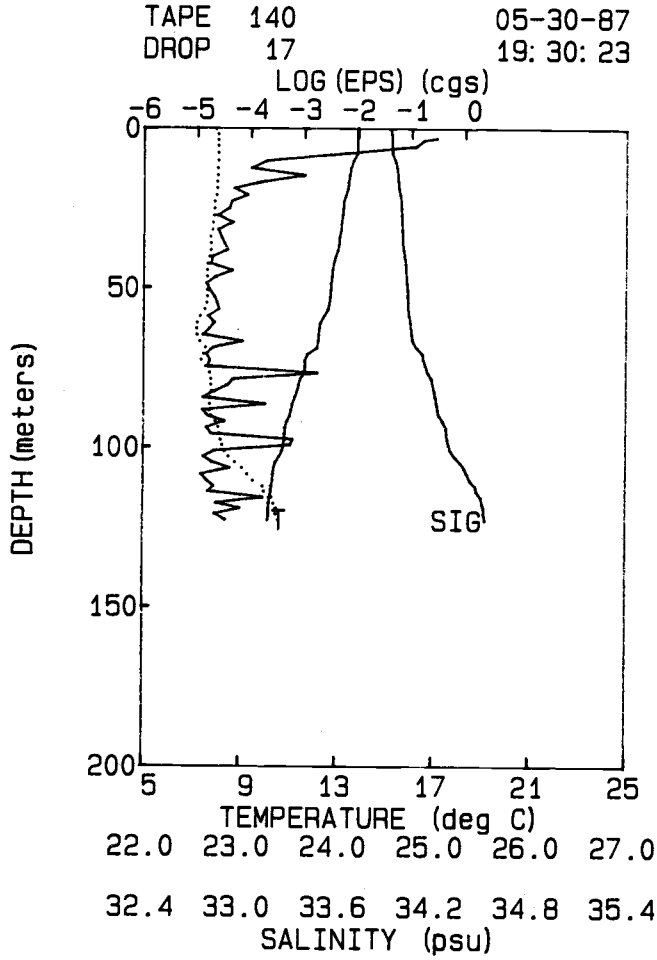
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DEPTH (meters)
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150
200
T
SIG
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TEMPERATURE (deg C)
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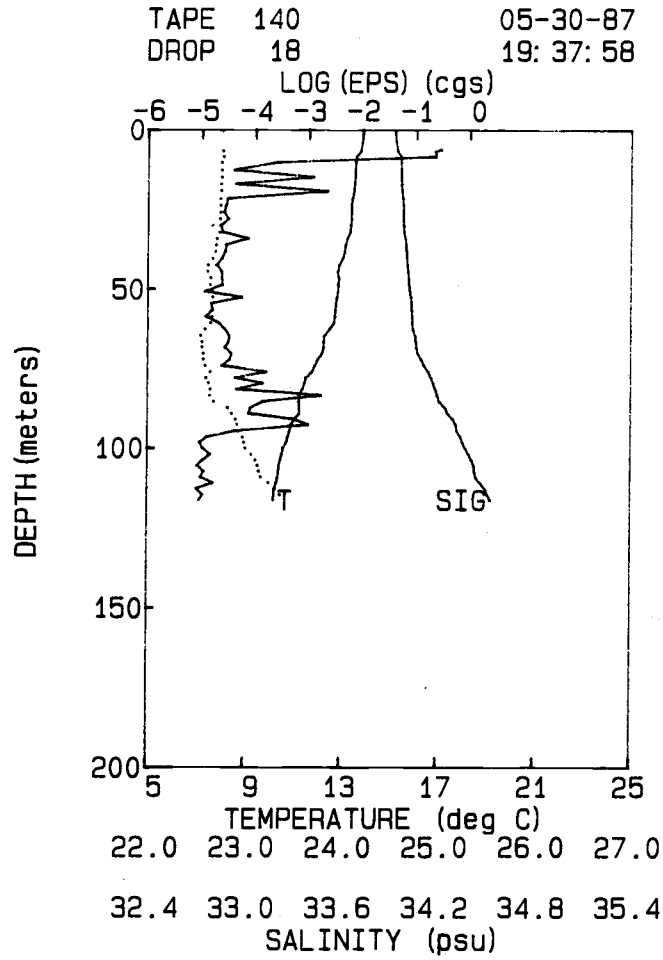
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SIG
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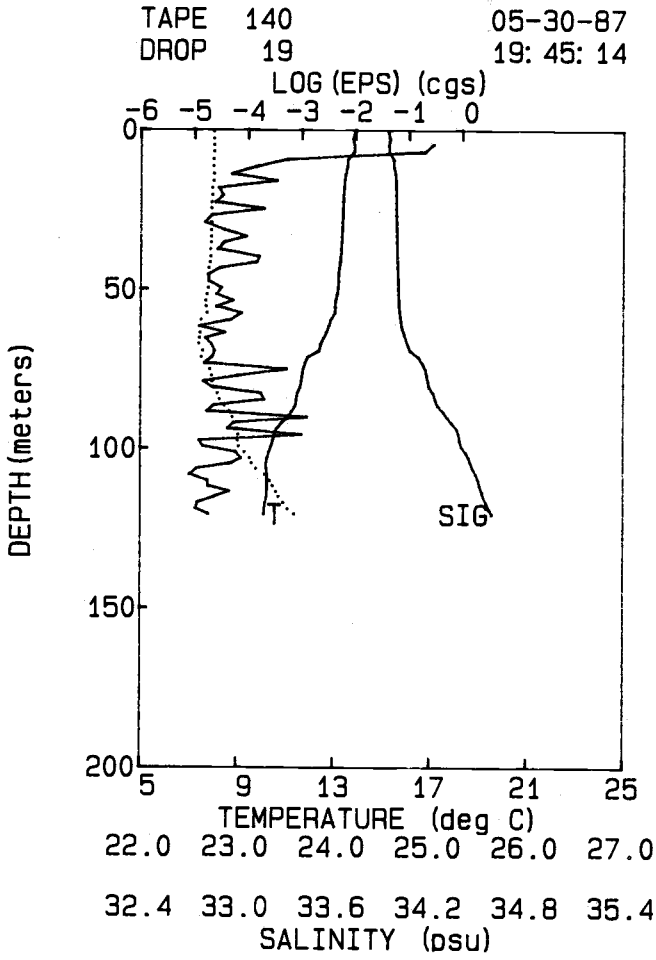
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SIG
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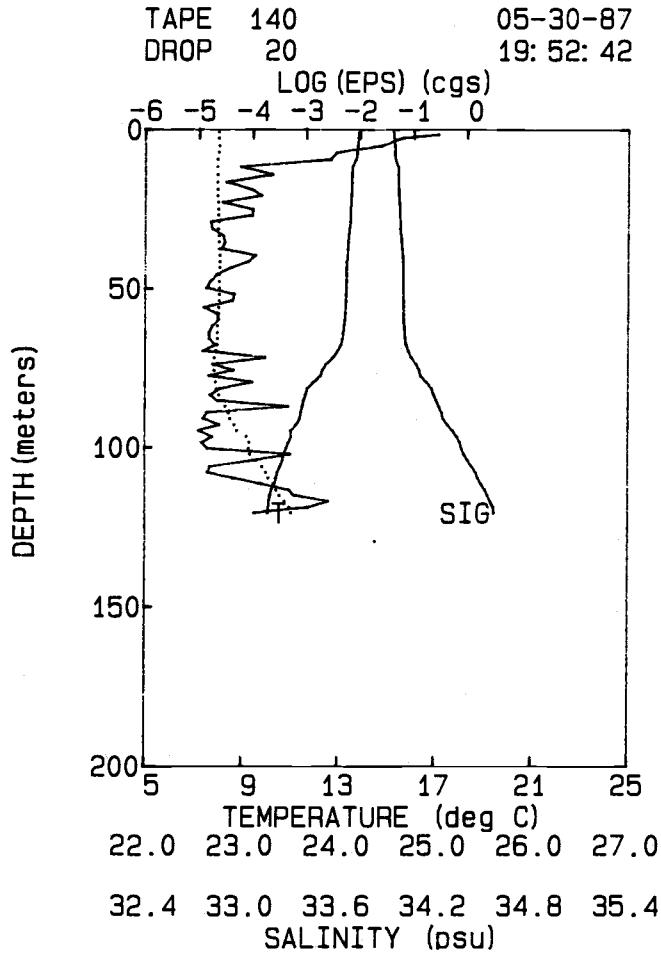
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SIG
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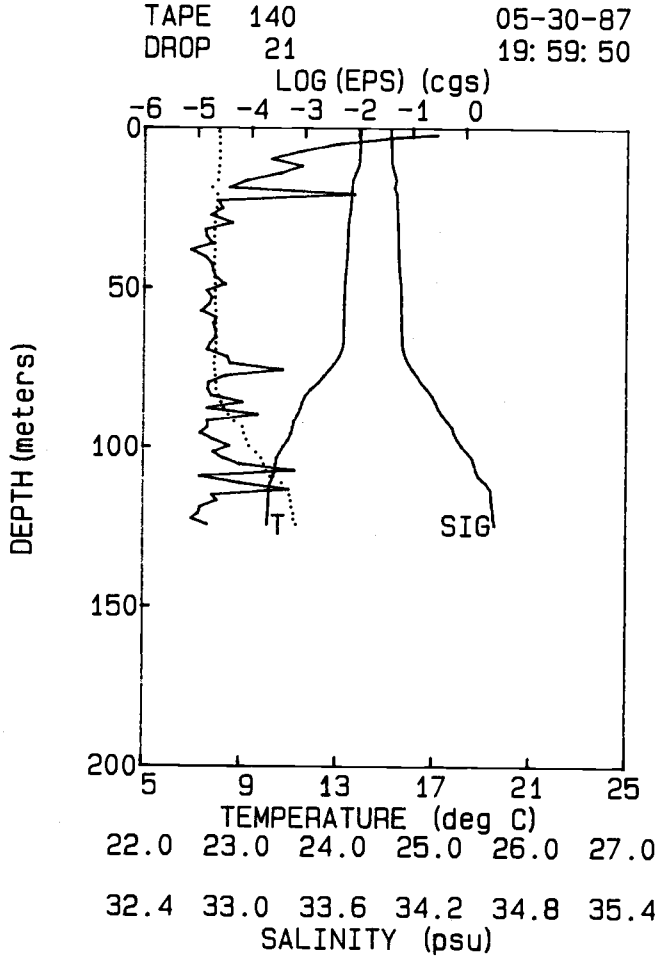
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100
150
200
T
SIG
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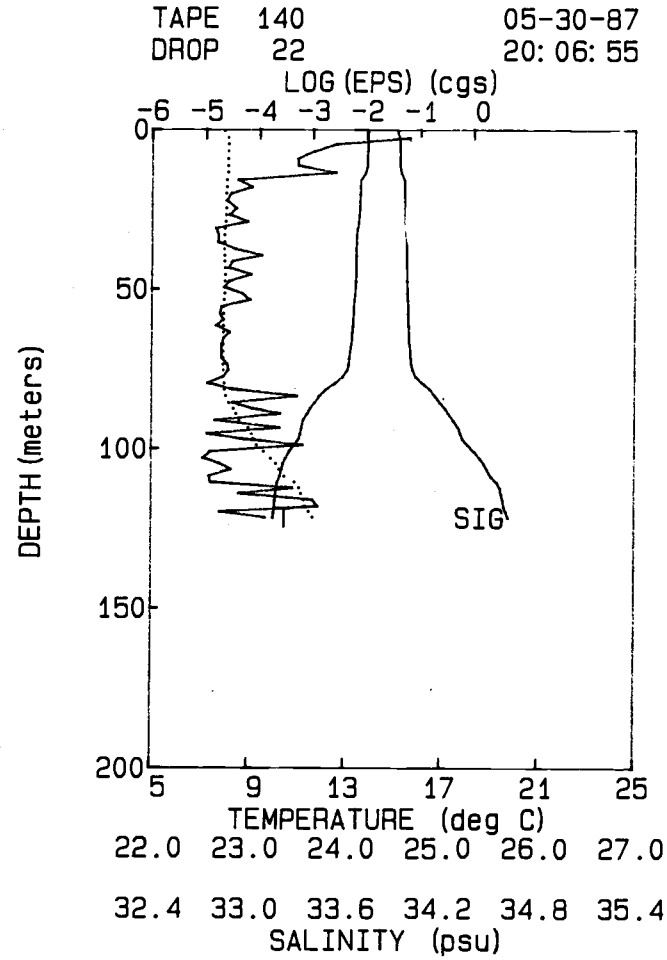
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SIG
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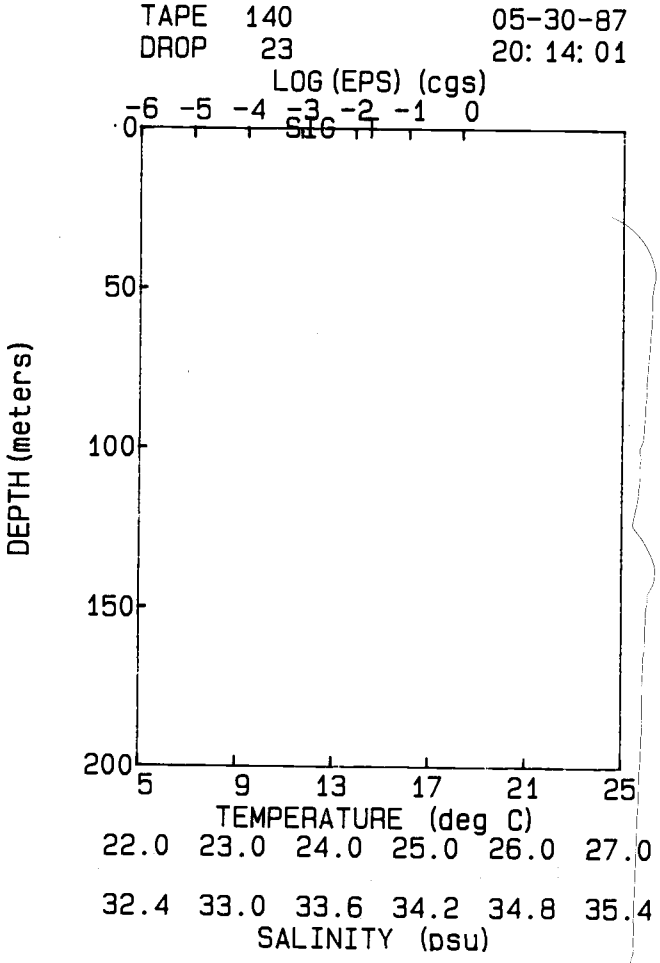
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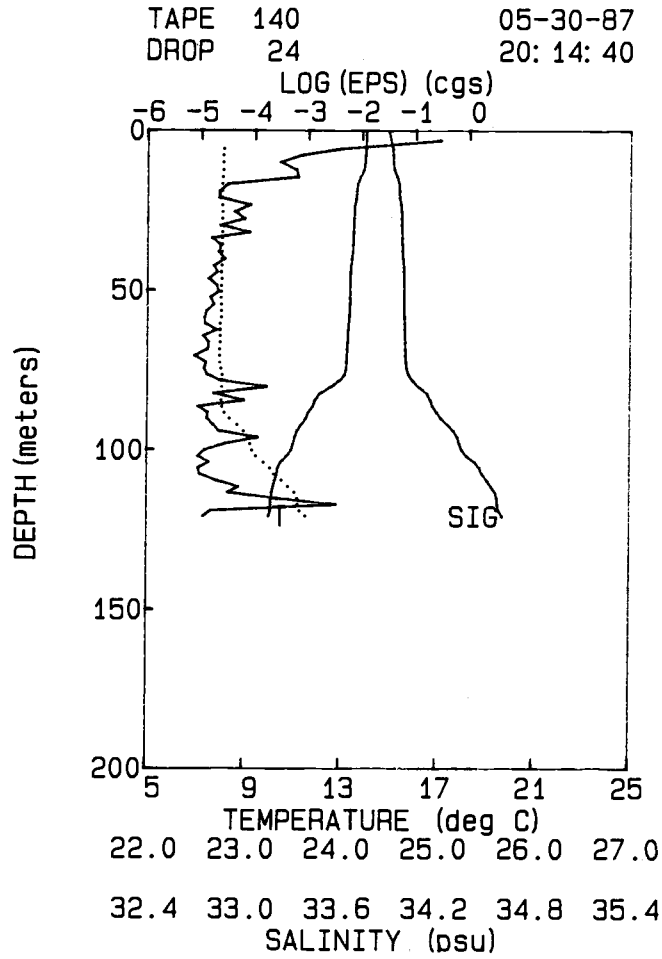
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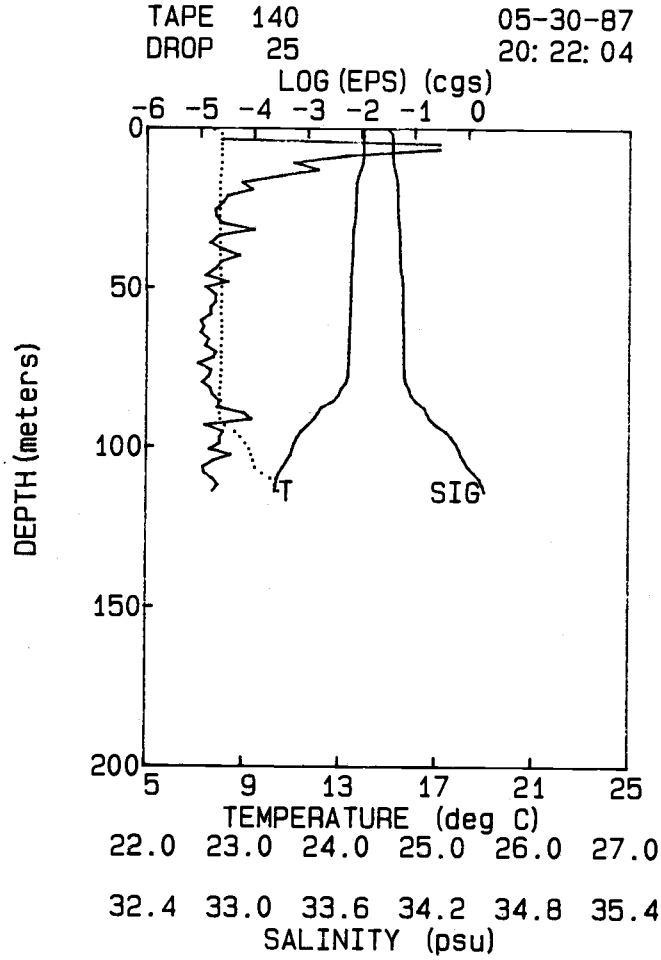
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SIG
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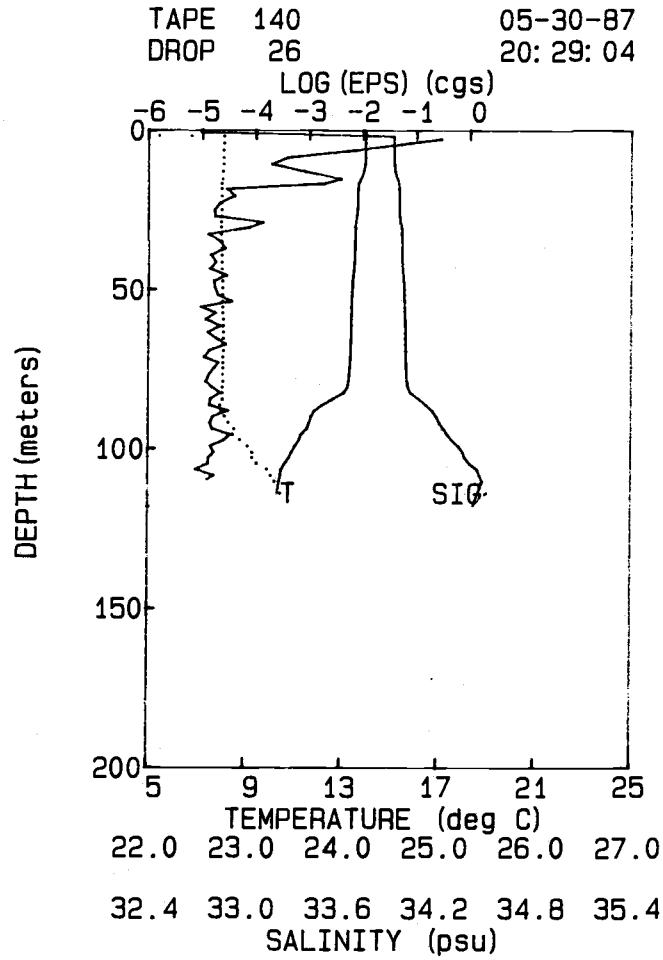
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SIG
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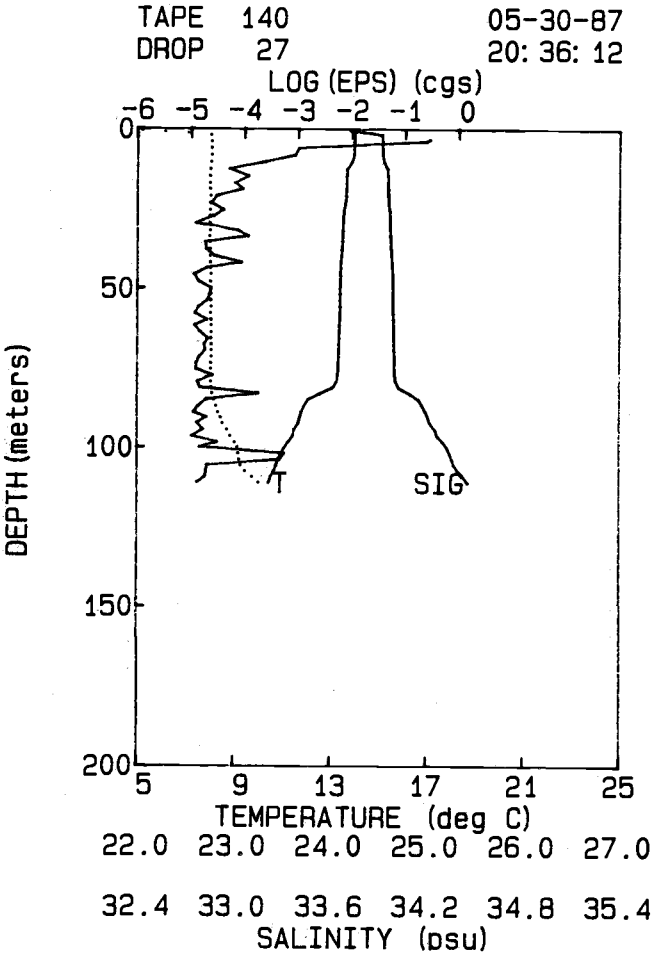
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SIG
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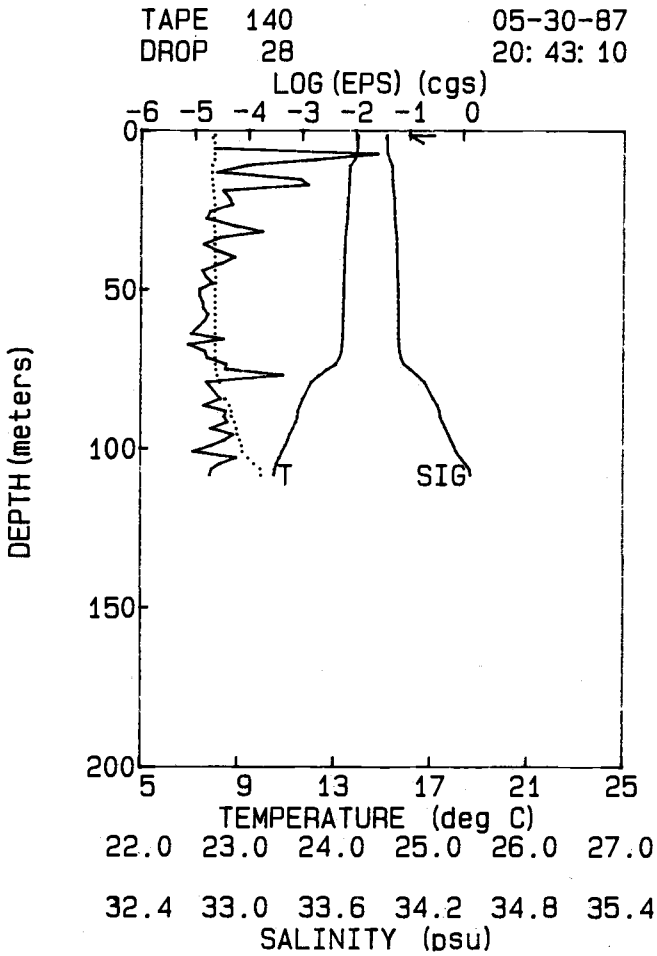
SALINITY (psu)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SIG
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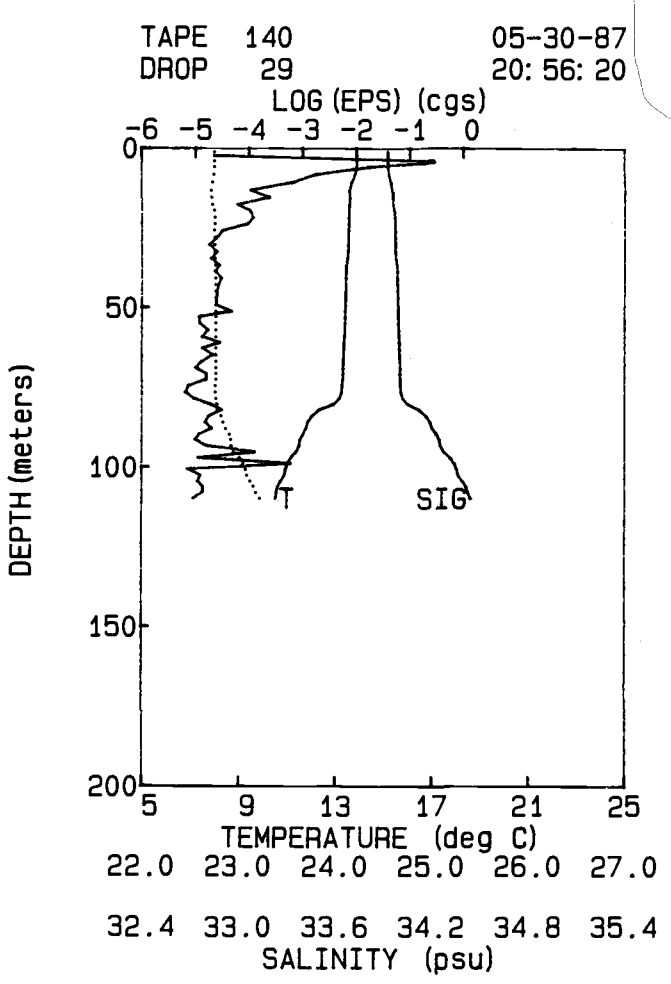
SALINITY (psu)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SIG
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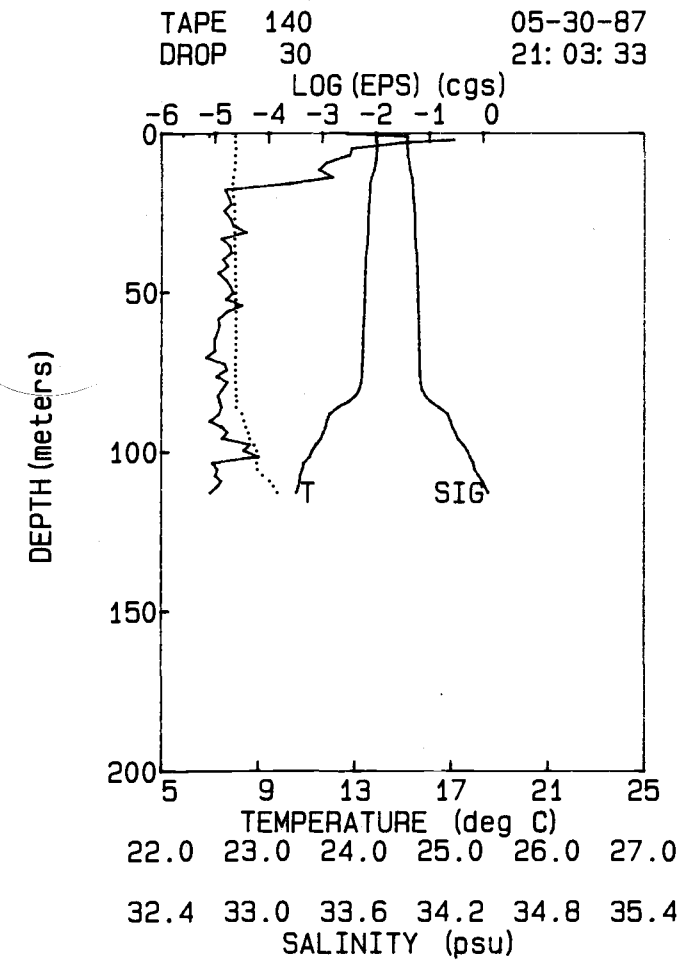
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SIG
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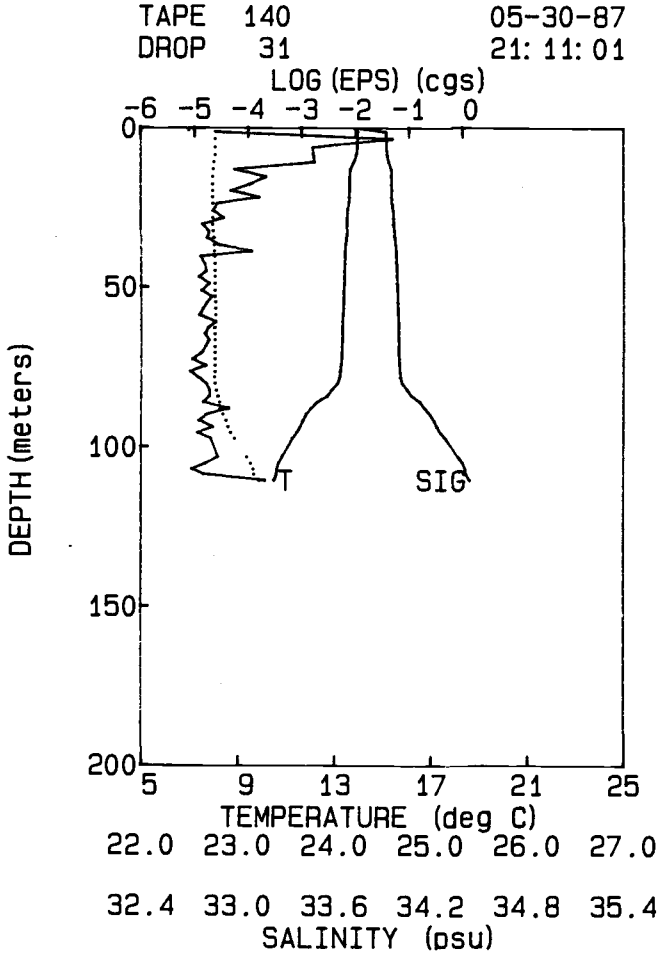
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SIG
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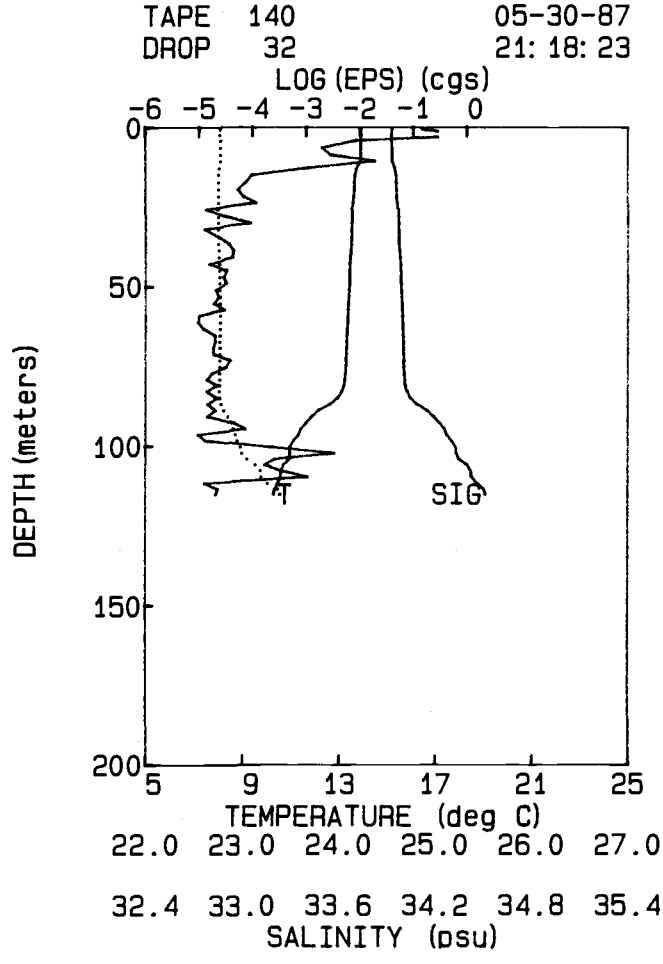
SALINITY (psu)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SIG
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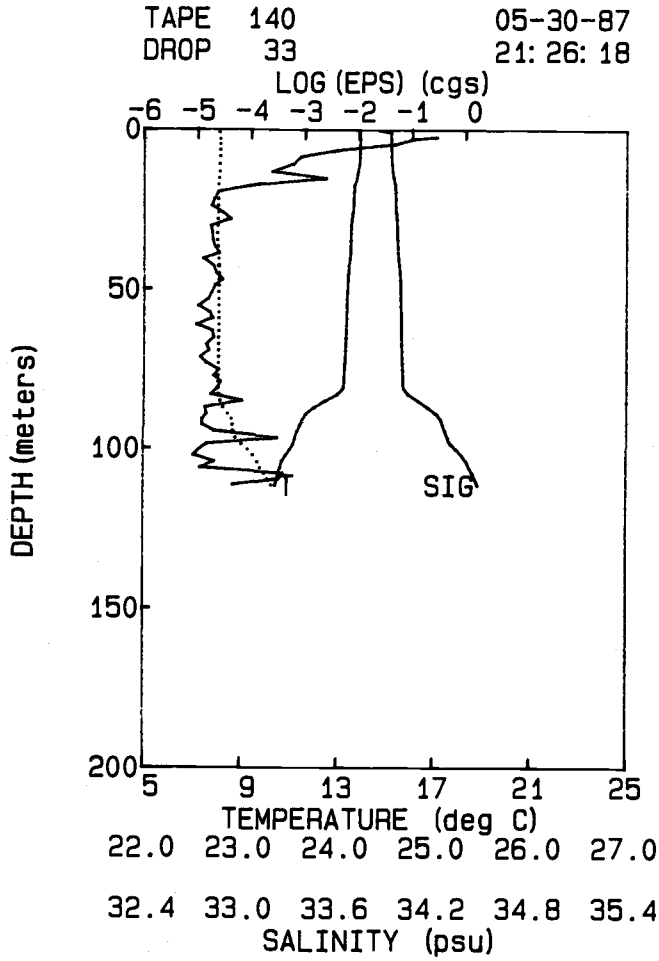
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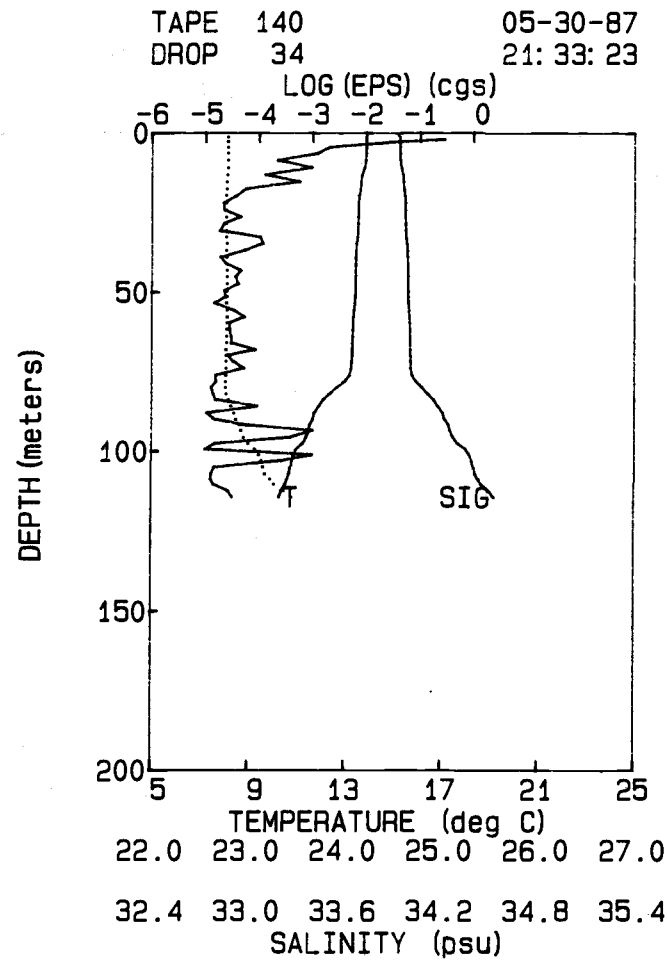
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SIG
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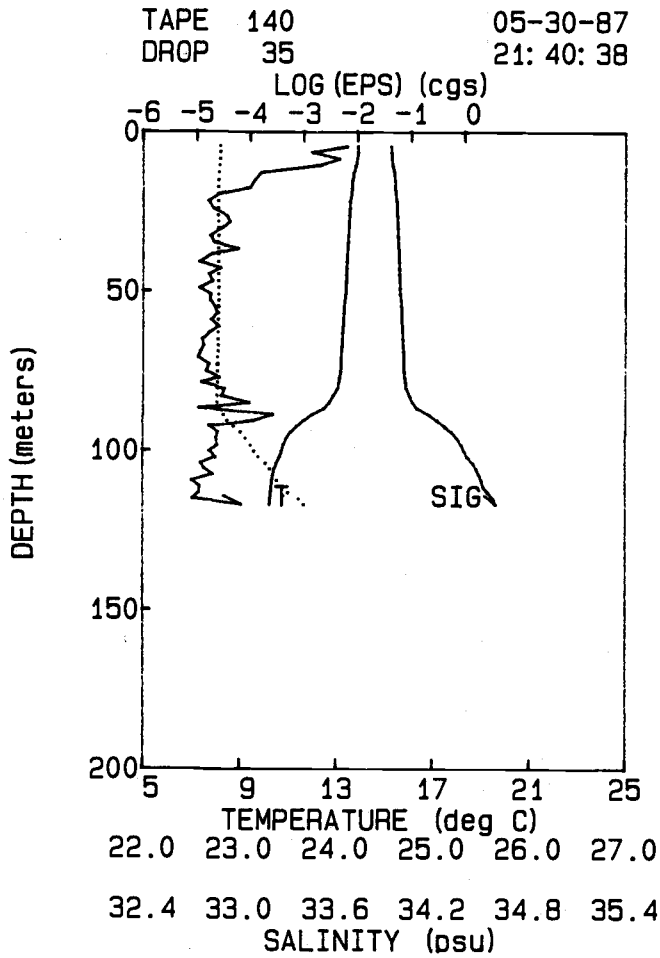
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150
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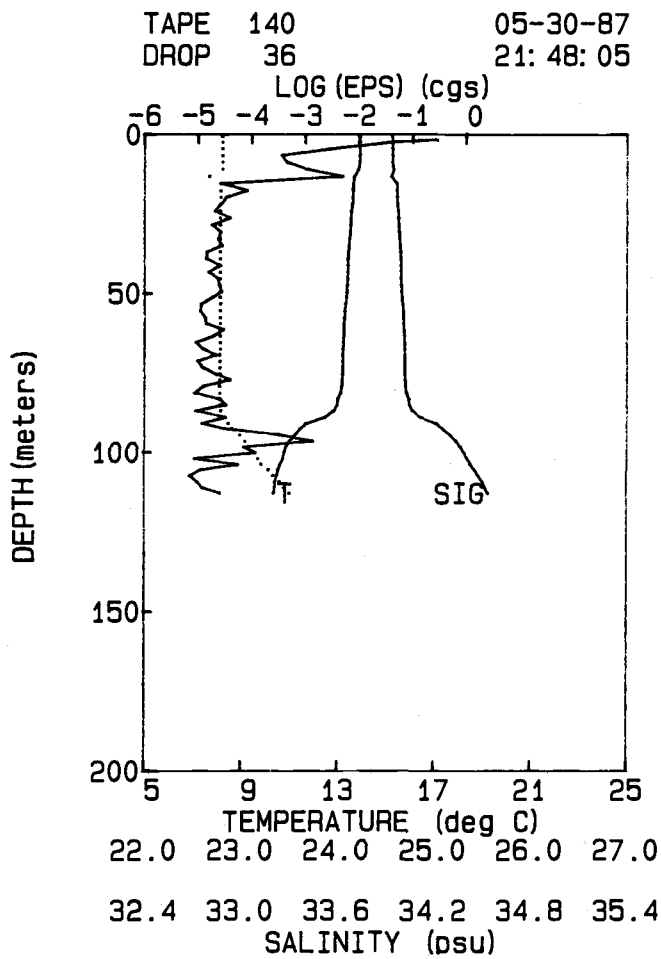
T
SIG
5 9 13 17 21 25
TEMPERATURE (deg C)
22.0 23.0 24.0 25.0 26.0 27.0
32.4 33.0 33.6 34.2 34.8 35.4
SALINITY (psu)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05-30-87
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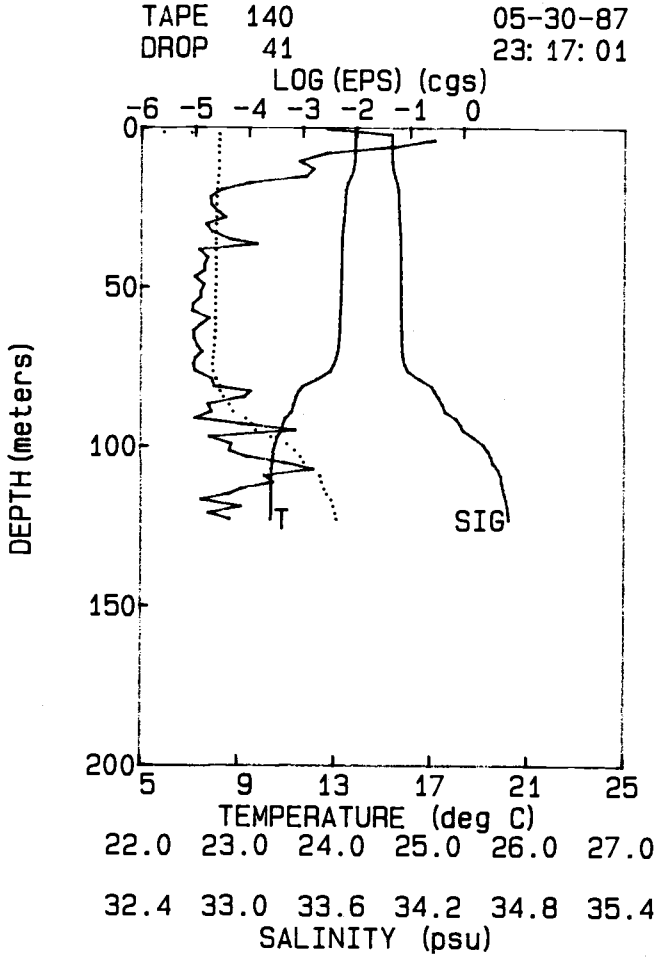
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 9 13 17 21 25
TEMPERATURE (deg C)
22.0 23.0 24.0 25.0 26.0 27.0
32.4 33.0 33.6 34.2 34.8 35.4
SALINITY (psu)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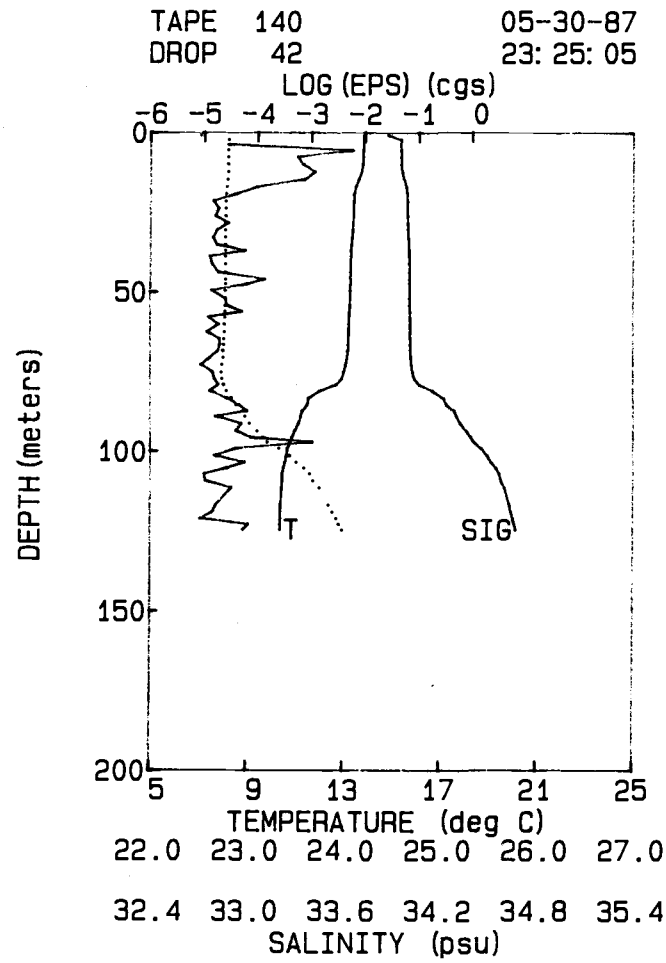
150
200
T
SIG
5 9 13 17 21 25
TEMPERATURE (deg C)
22.0 23.0 24.0 25.0 26.0 27.0
32.4 33.0 33.6 34.2 34.8 35.4
SALINITY (psu)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DEPTH (meters)
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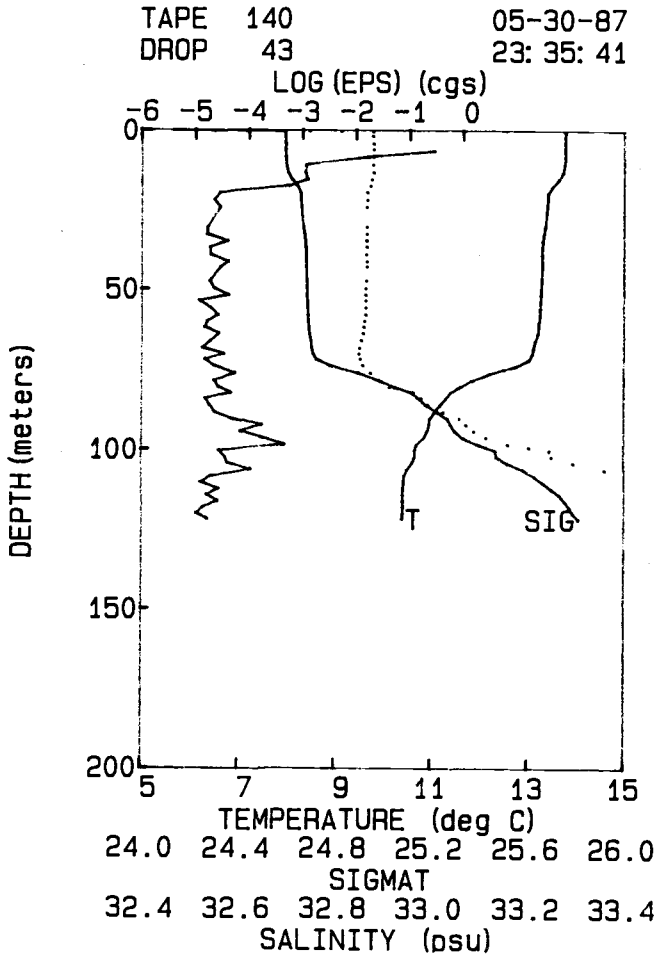
100
150
200
T
SIG
5 9 13 17 21 25
TEMPERATURE (deg C)
22.0 23.0 24.0 25.0 26.0 27.0
32.4 33.0 33.6 34.2 34.8 35.4
SALINITY (psu)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LOG (EPS) (cgs)
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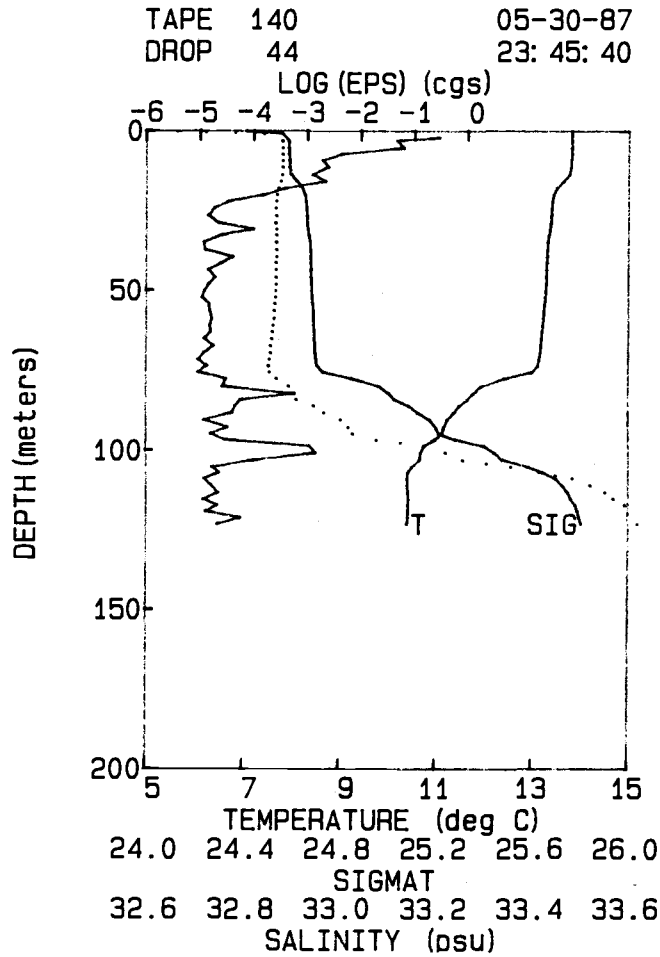
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.4 32.6 32.8 33.0 33.2 33.4
SALINITY (psu)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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
32.6 32.8 33.0 33.2 33.4 33.6
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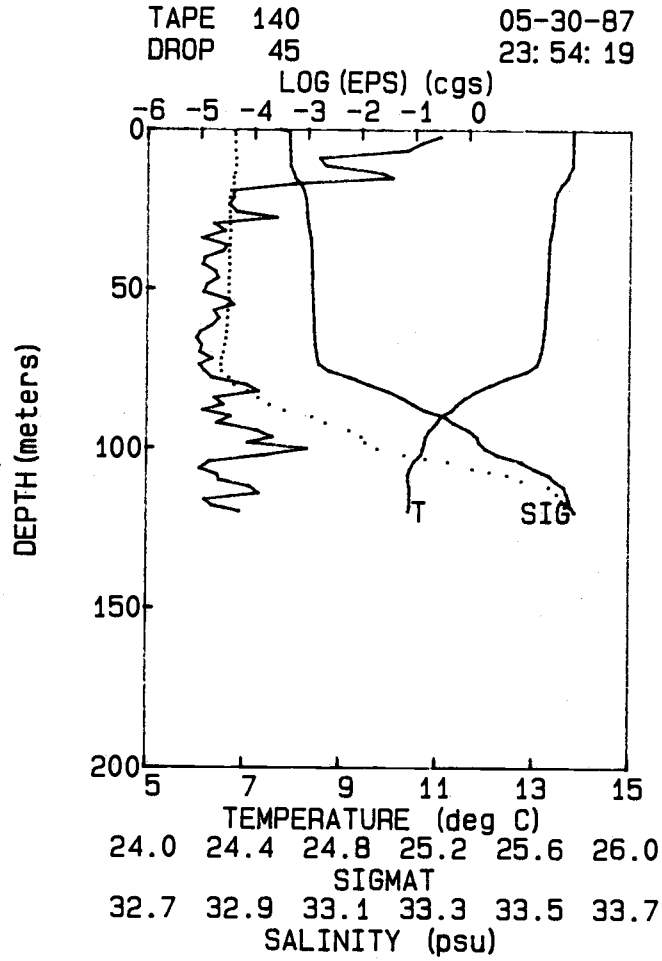
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LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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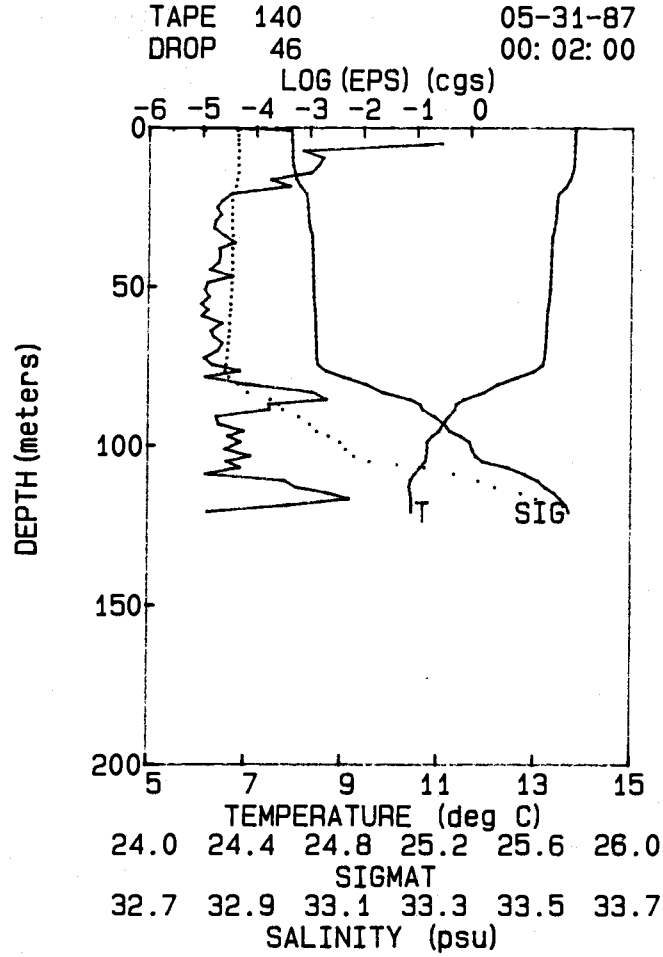
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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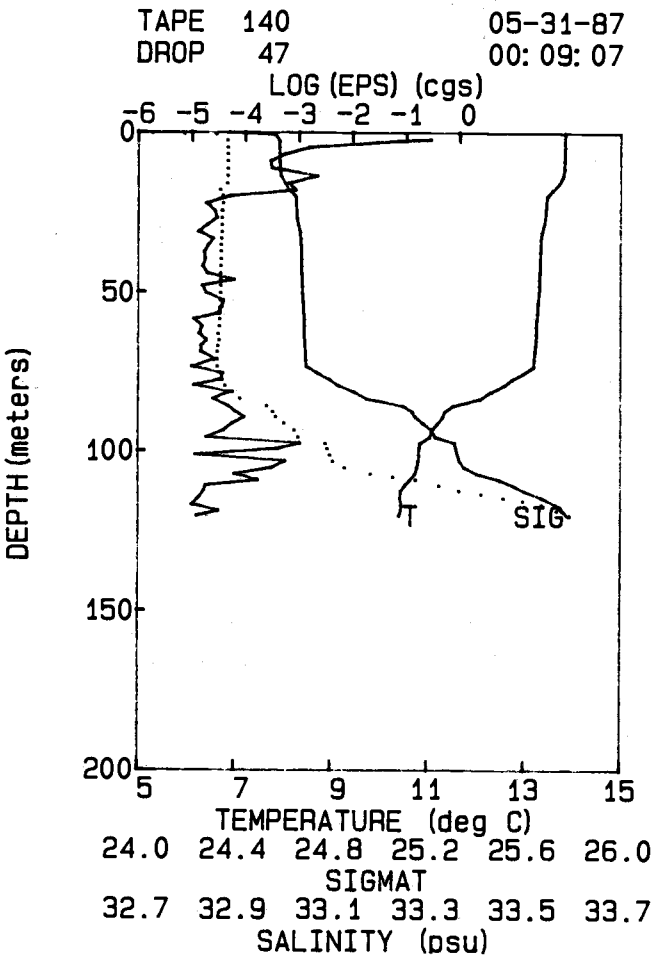
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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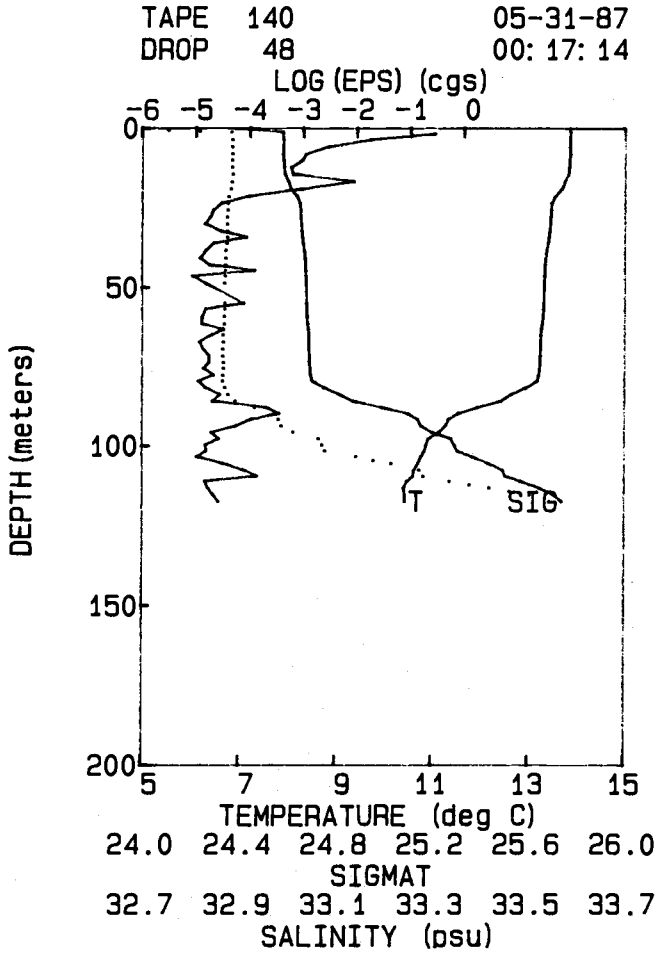
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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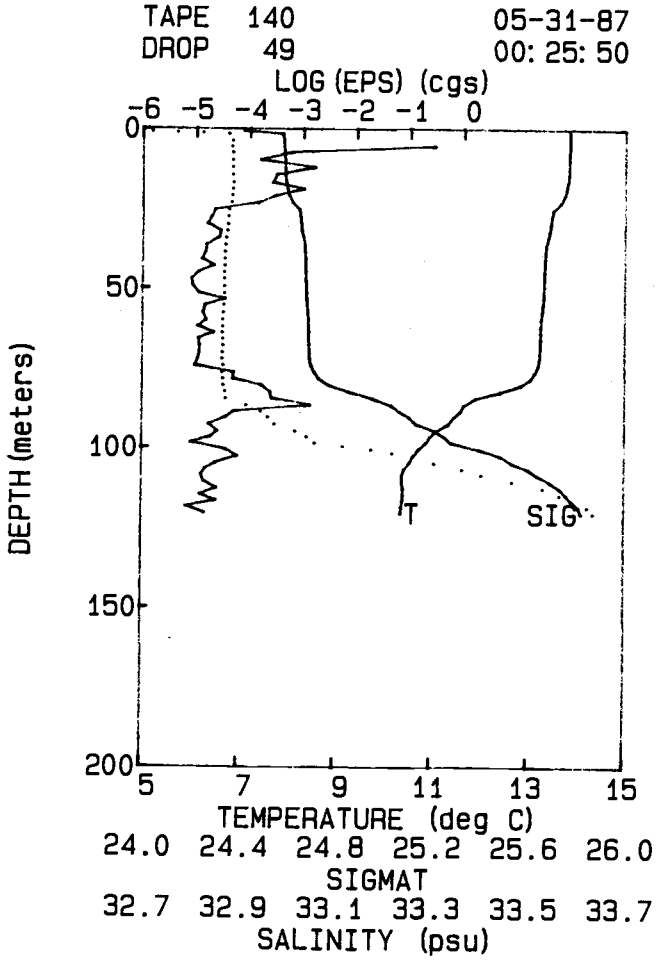
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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DROP 49
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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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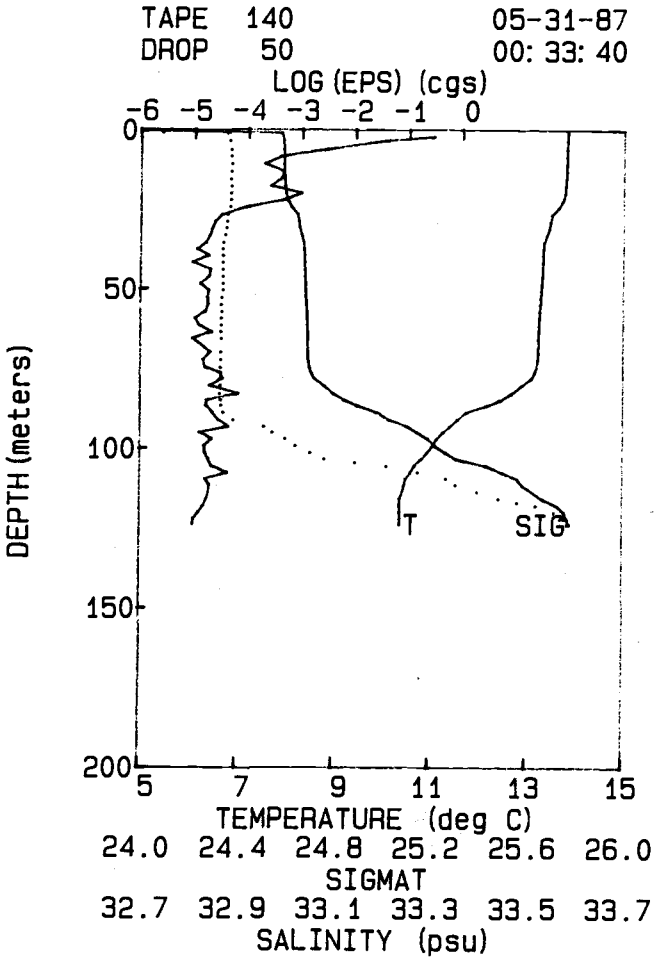
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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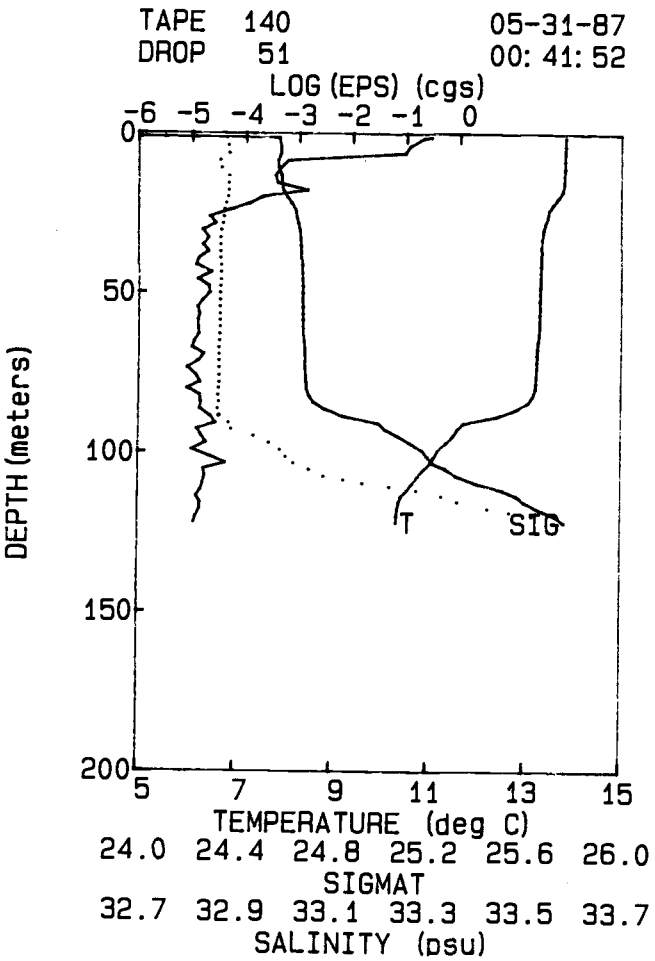
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)


TAPE 140
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LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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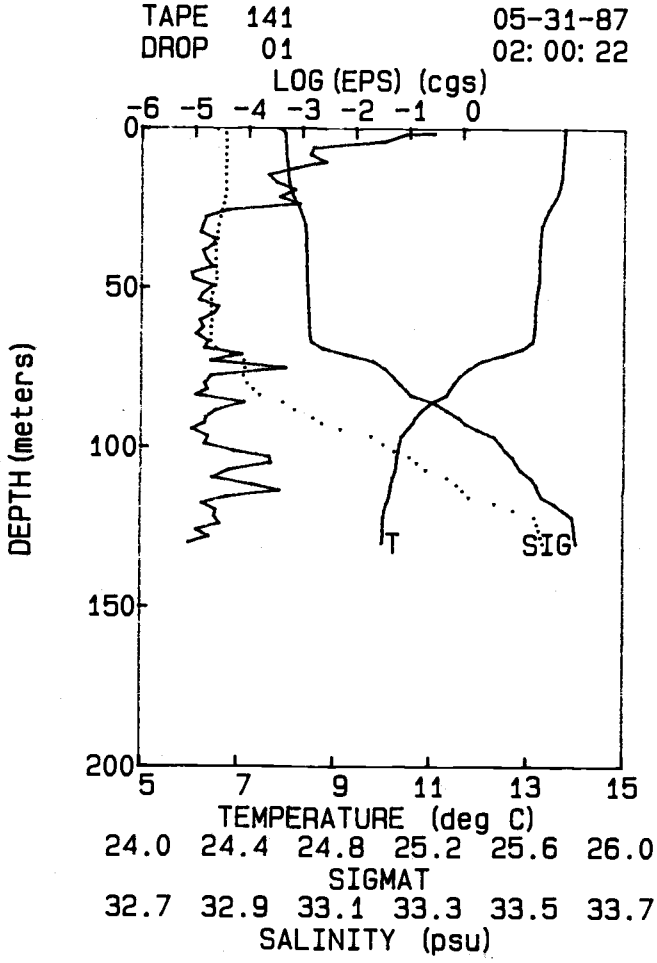
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)


TAPE 141
DROP 01
05-31-87
02: 00: 22
LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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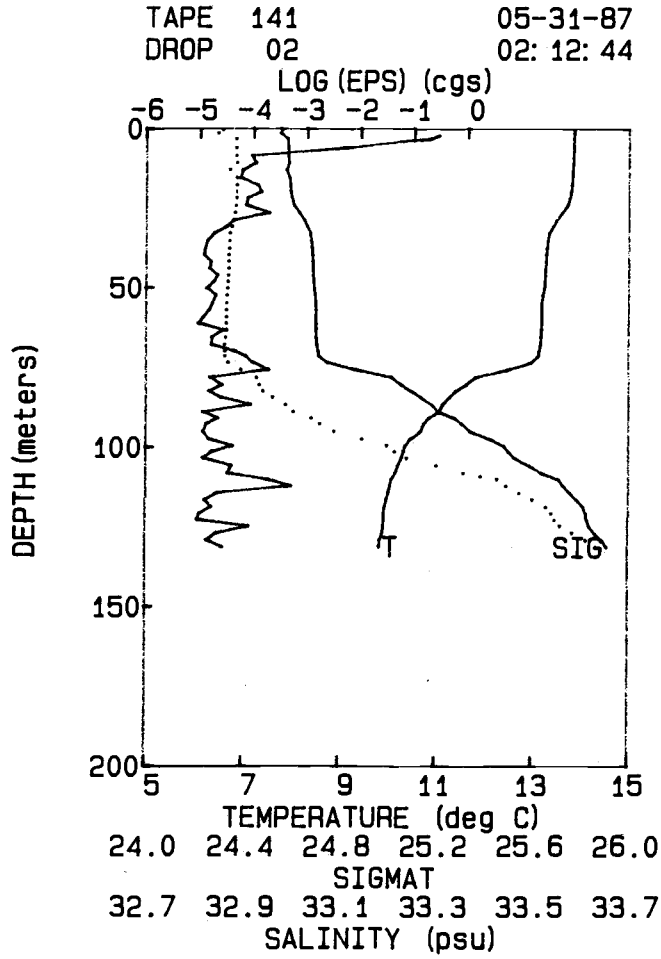
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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DROP 02
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LOG (EPS) (cgs)
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DEPTH (meters)
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150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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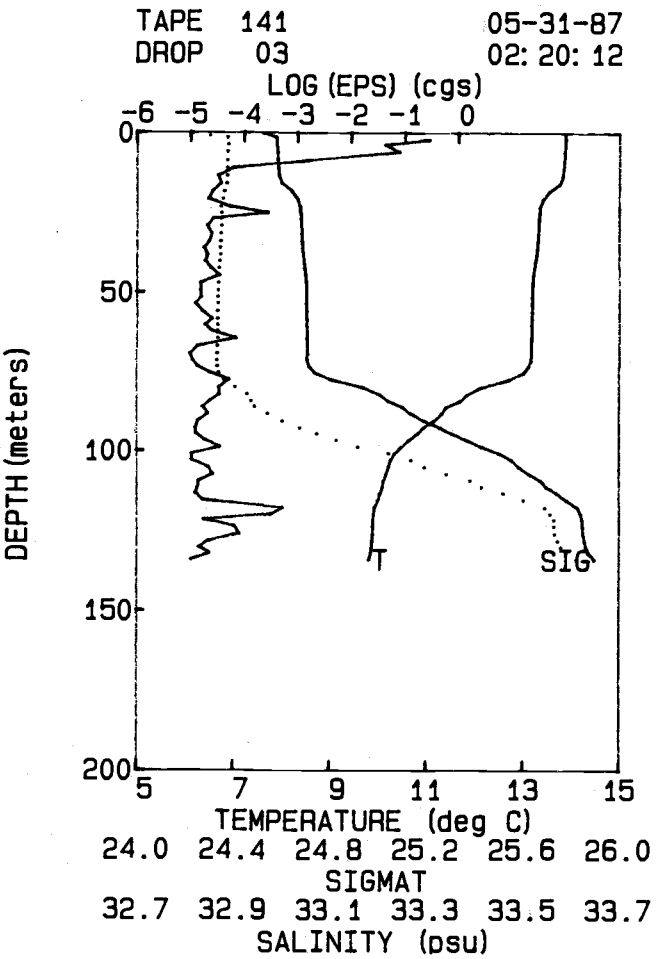
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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DROP 03
05-31-87
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DEPTH (meters)
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150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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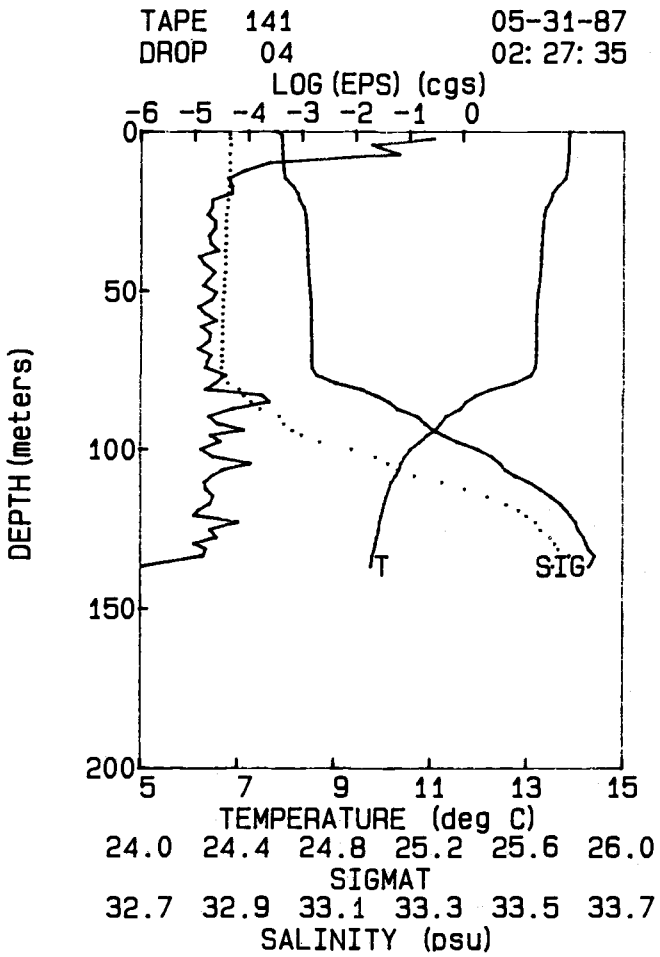
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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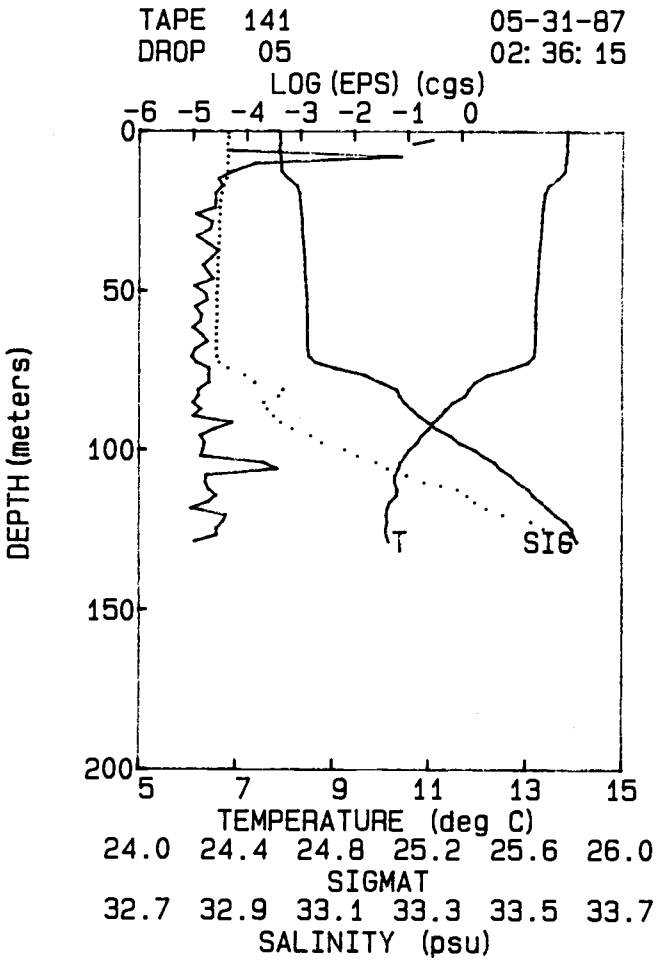
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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DROP 05
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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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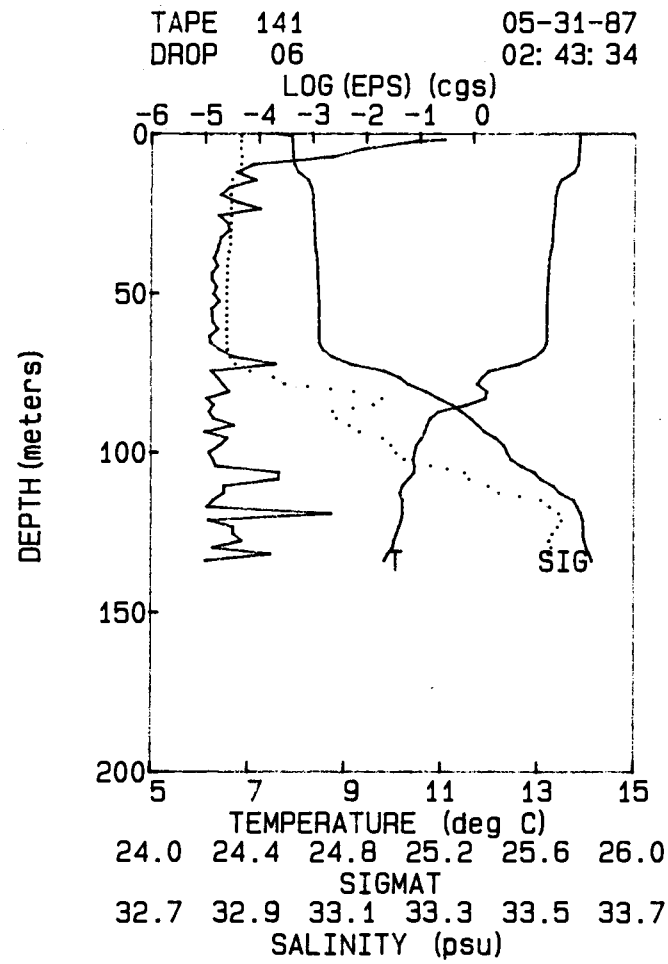
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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DROP 06
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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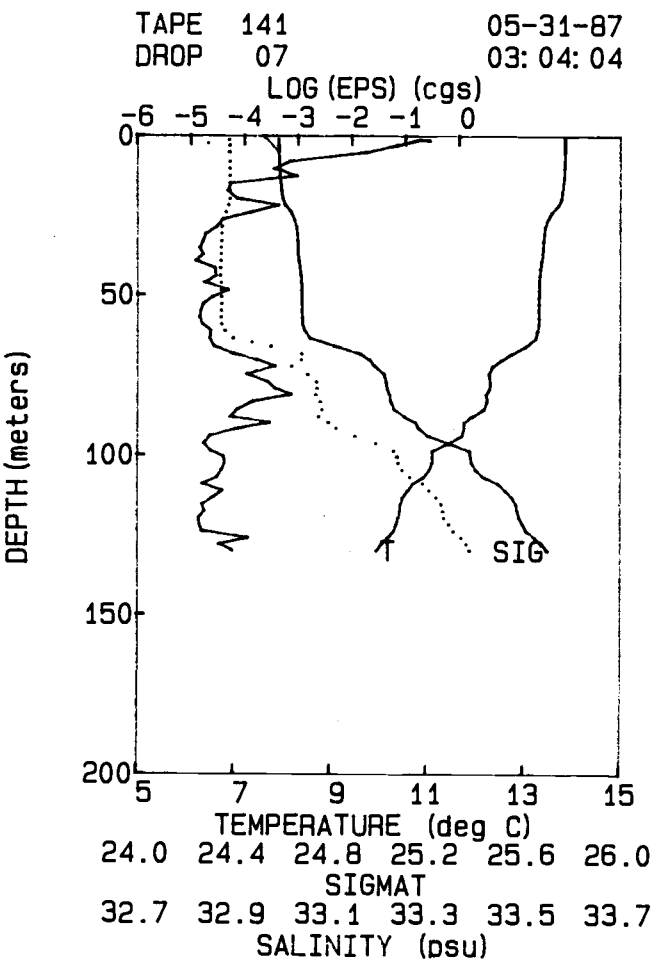
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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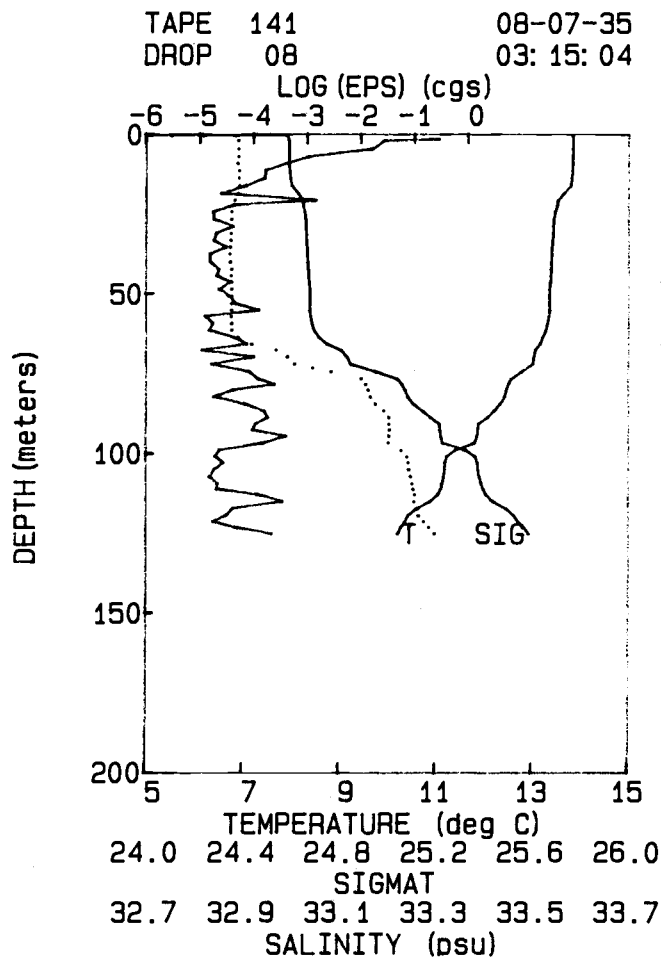
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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08-07-35
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150
200
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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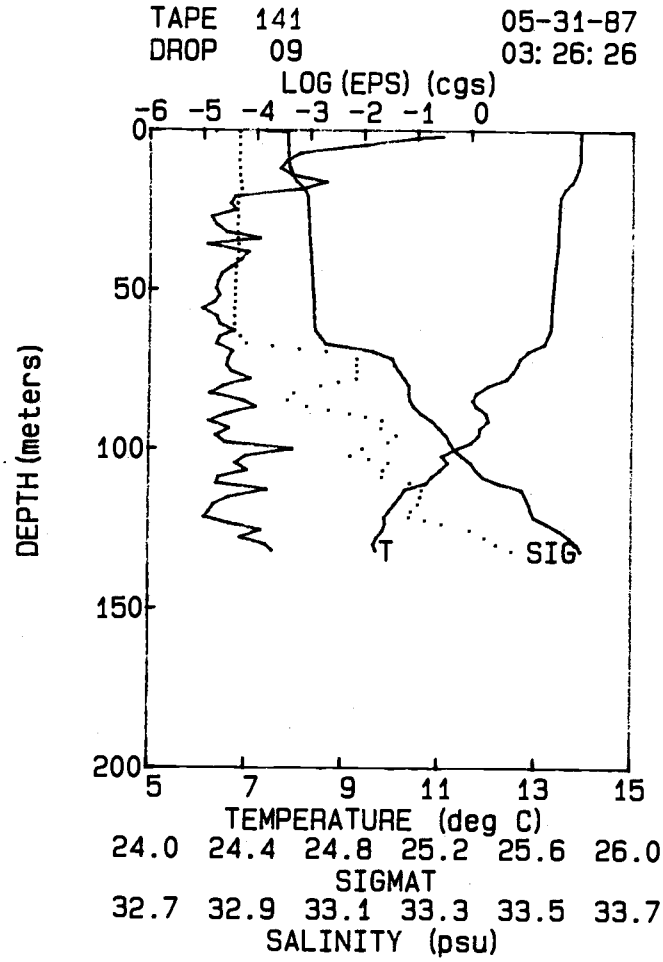
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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05-31-87
03: 26: 26
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150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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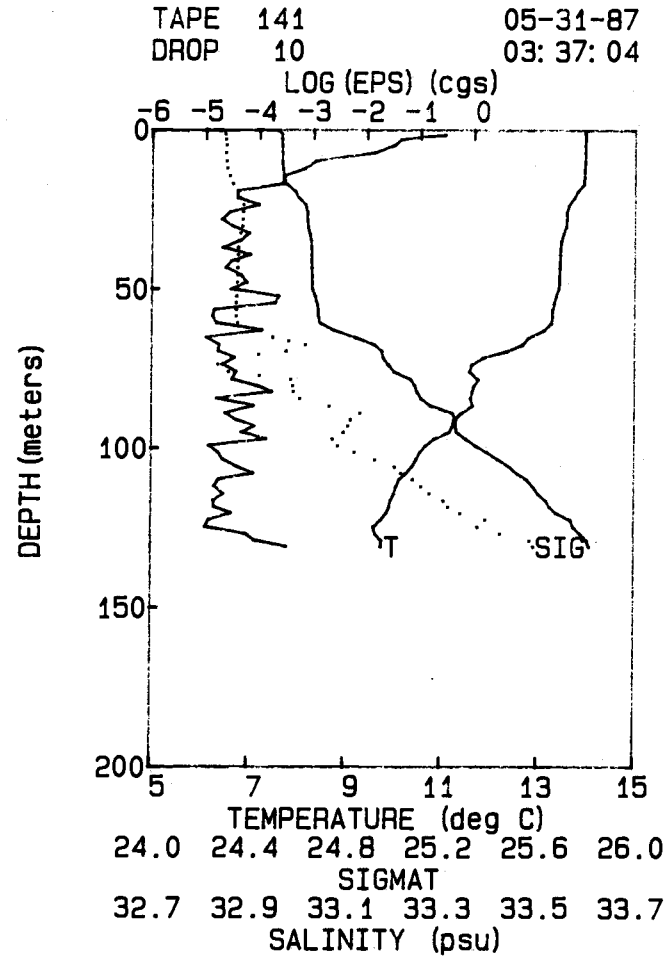
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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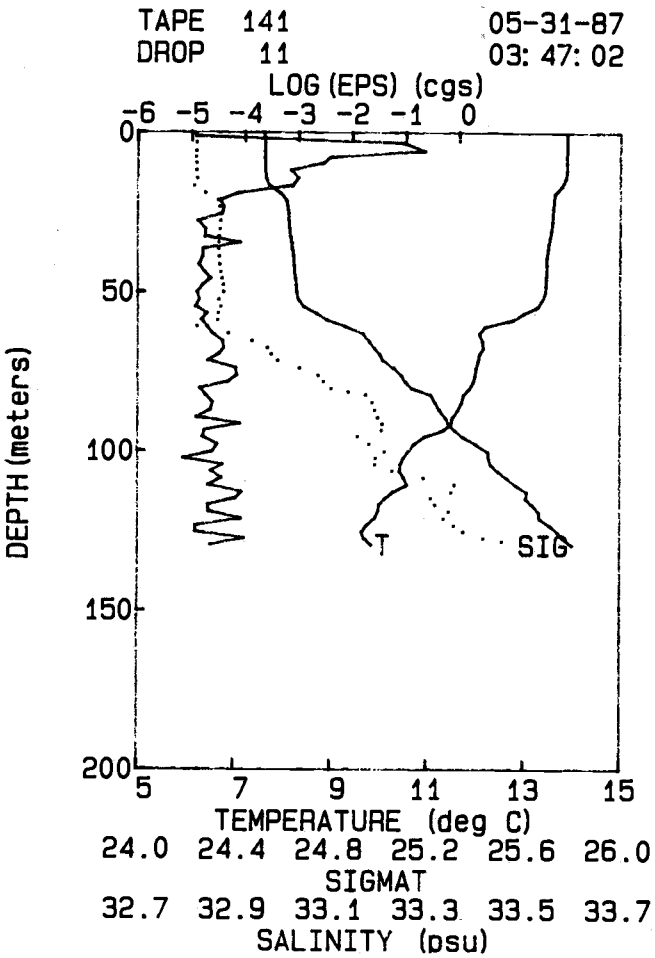
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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DEPTH (meters)
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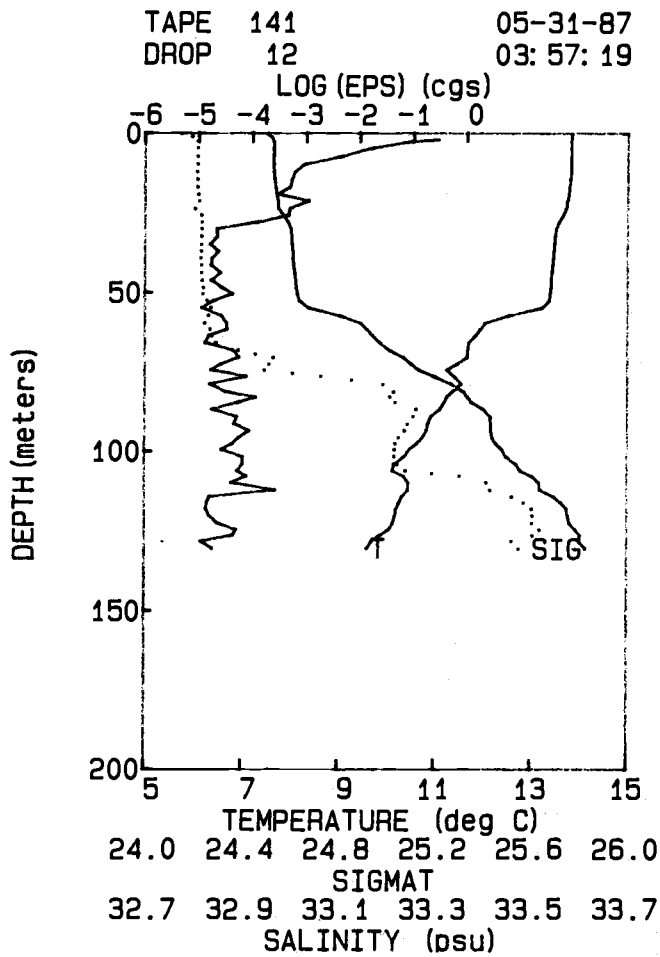
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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LOG (EPS) (cgs)
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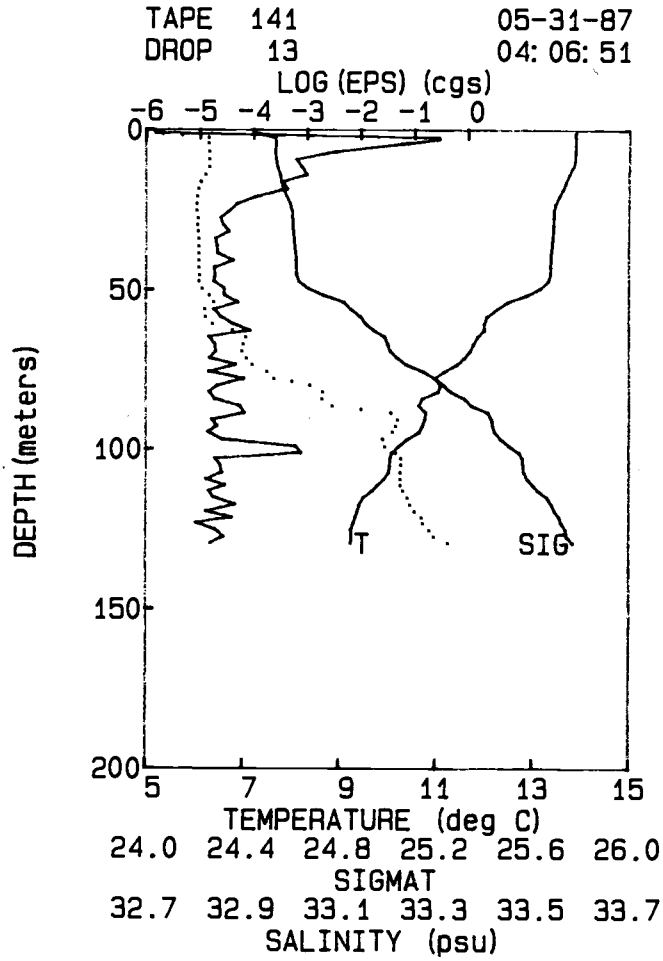
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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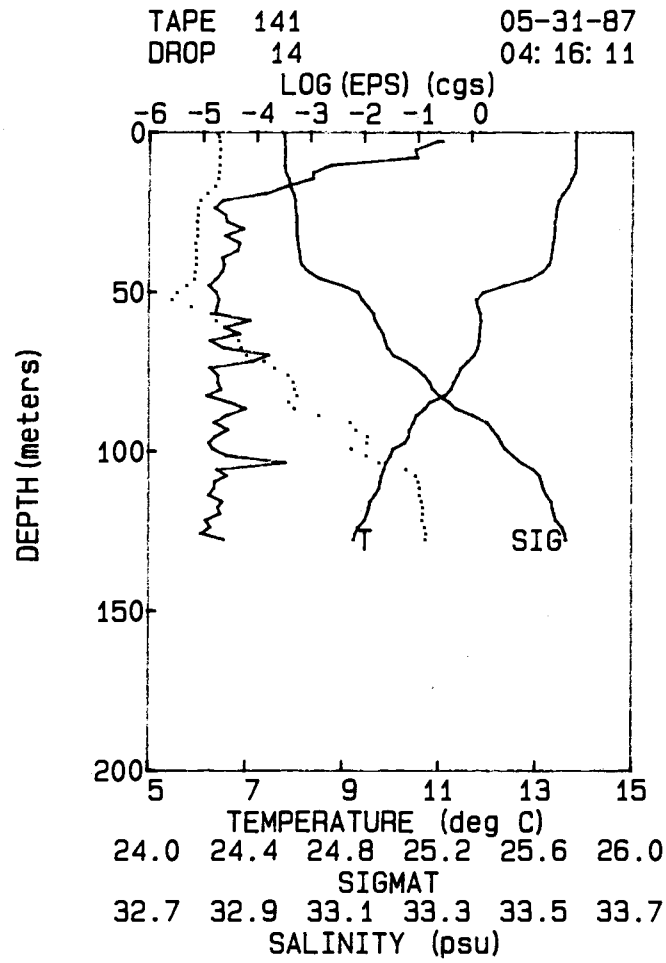
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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DROP 14
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DEPTH (meters)
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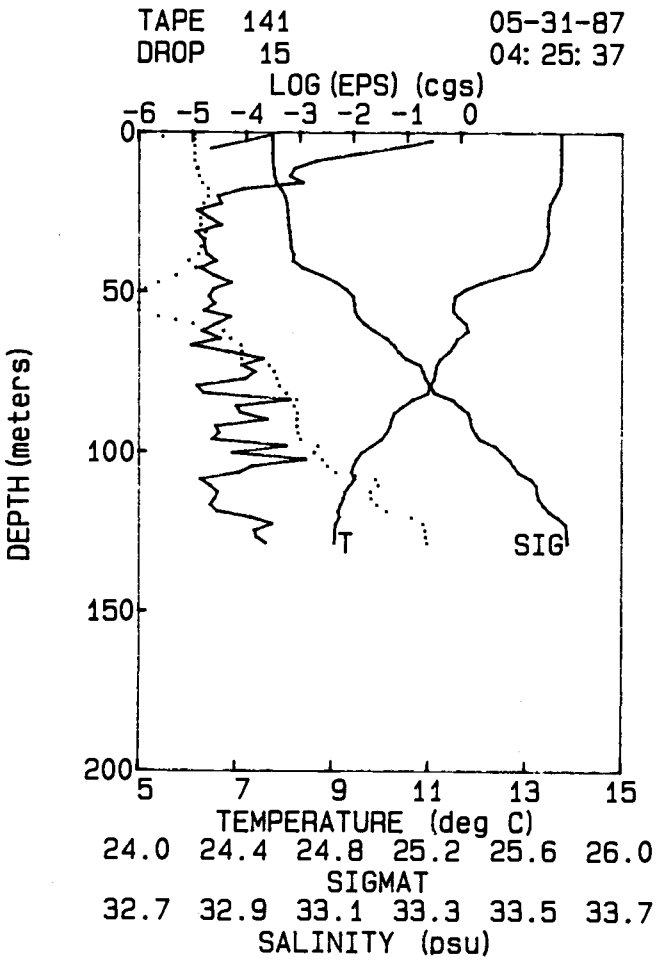
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)


TAPE 141
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05-31-87
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LOG (EPS) (cgs)
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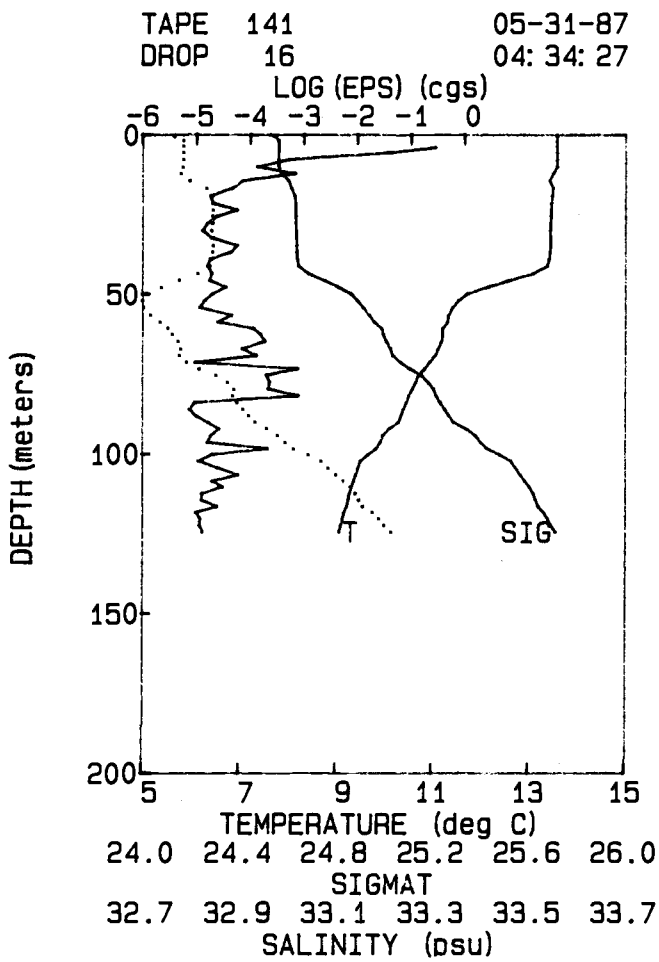
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)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05-31-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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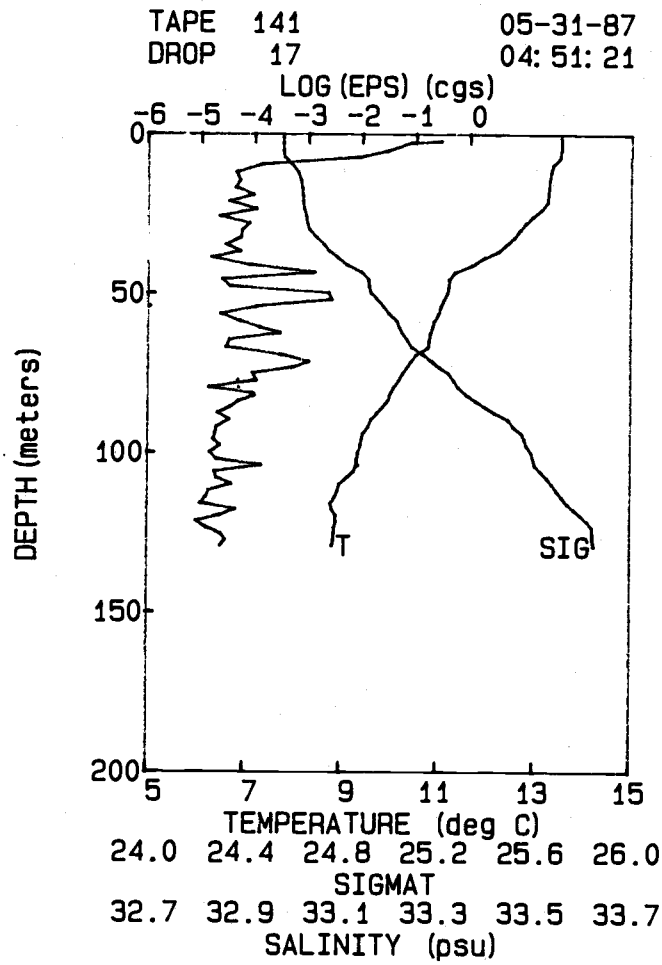
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)


TAPE 141
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50
100
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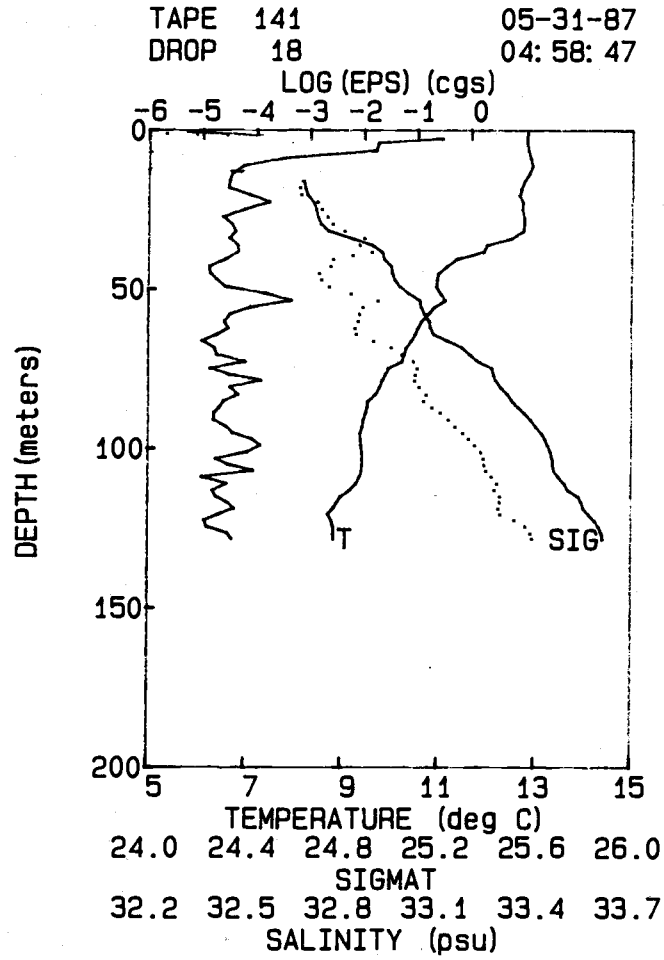
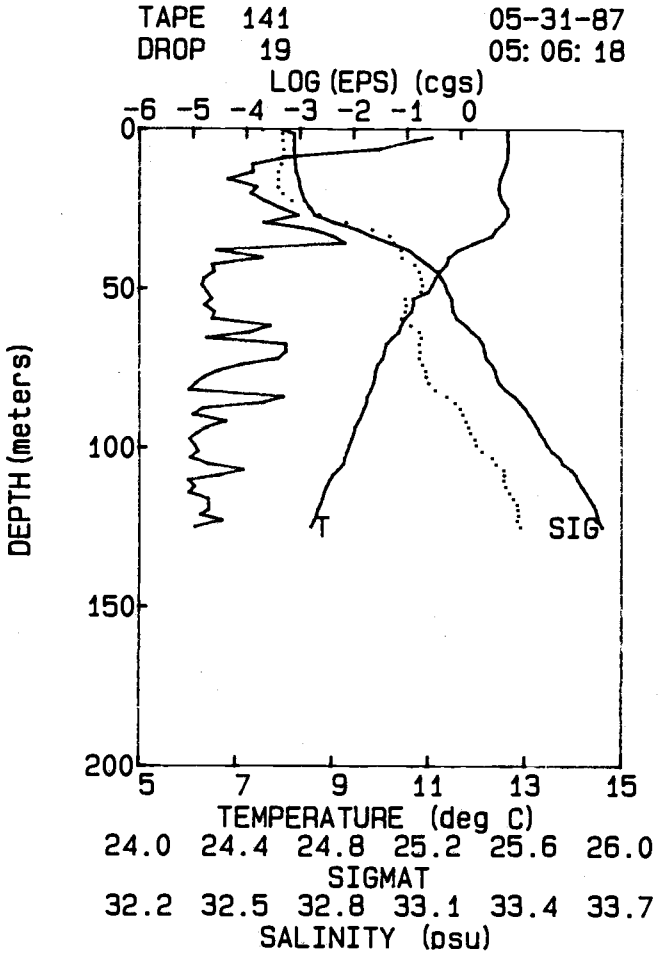
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.7 32.9 33.1 33.3 33.5 33.7
SALINITY (psu)


TAPE 141
DROP 18
05-31-87
04: 58: 47
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DROP 19
05-31-87
05: 06: 18
LOG (EPS) (cgs)
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DEPTH (meters)
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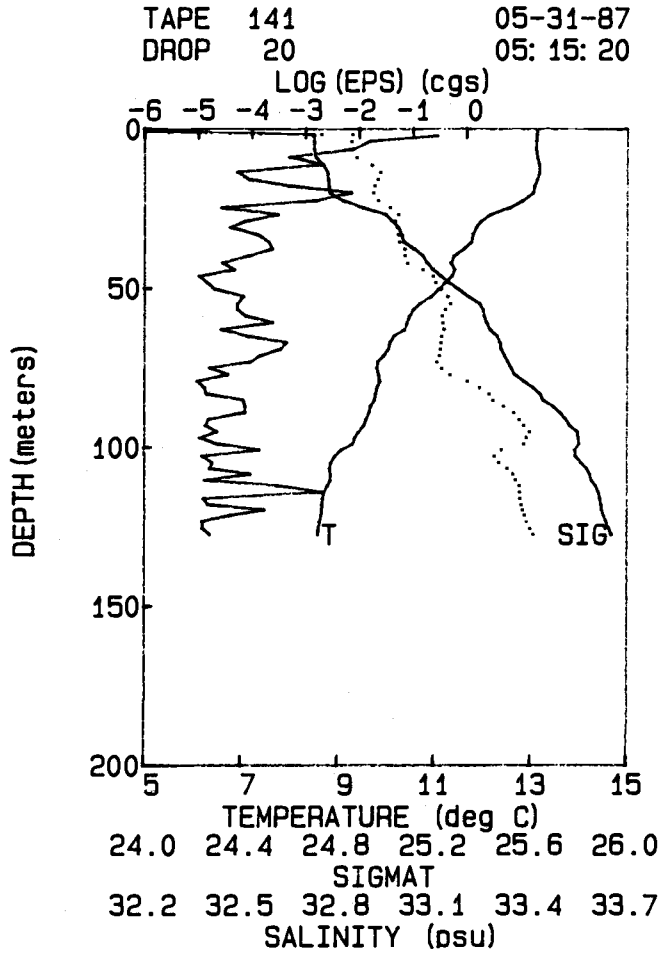
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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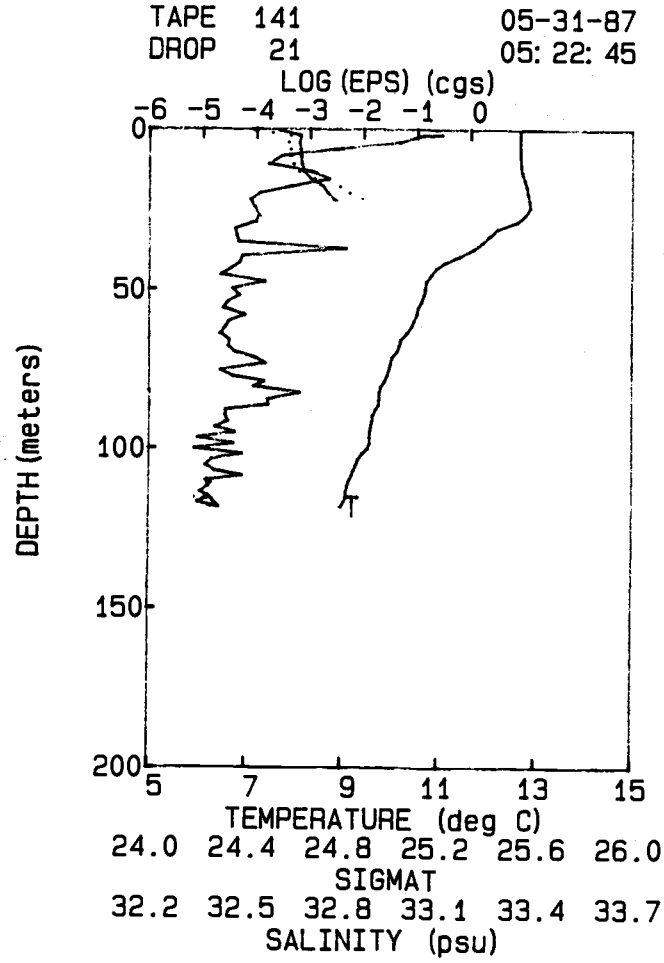
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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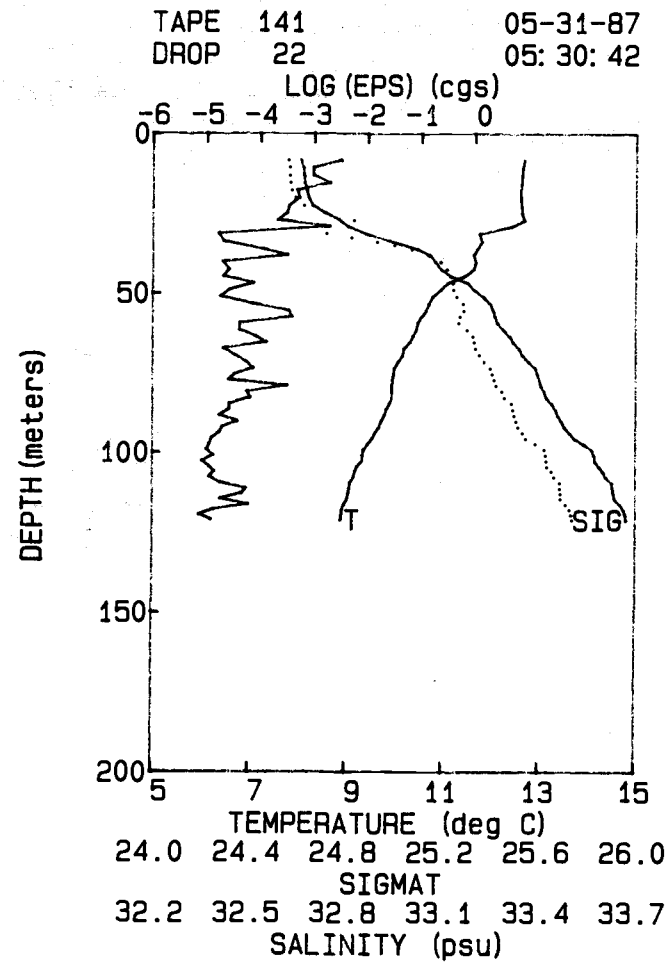
DEPTH (meters)
0
50
100
150
200
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DROP 22
05-31-87
05: 30: 42
LOG (EPS) (cgs)
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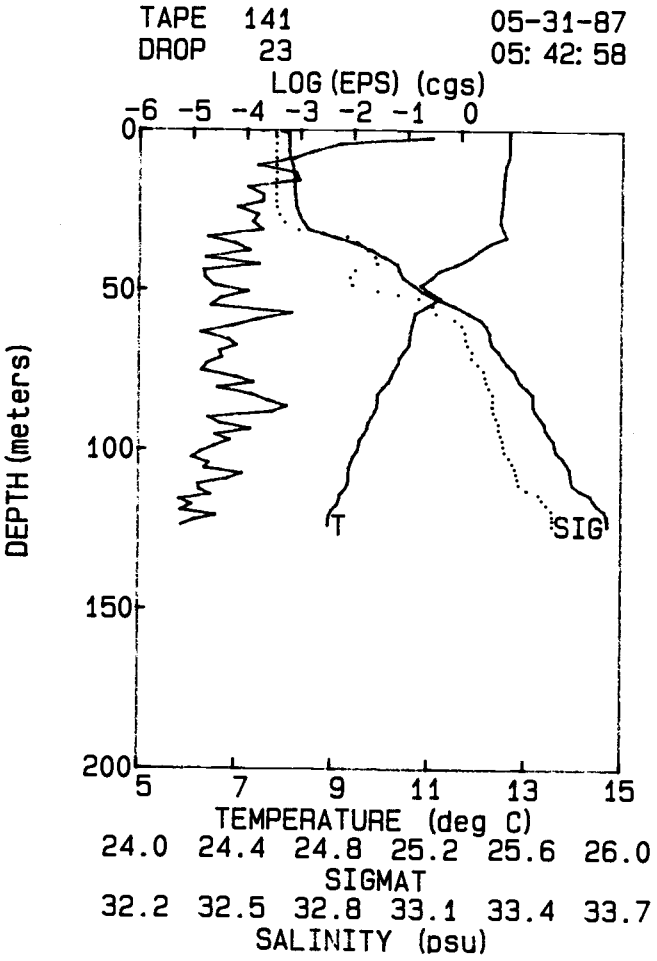
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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05: 42: 58
LOG (EPS) (cgs)
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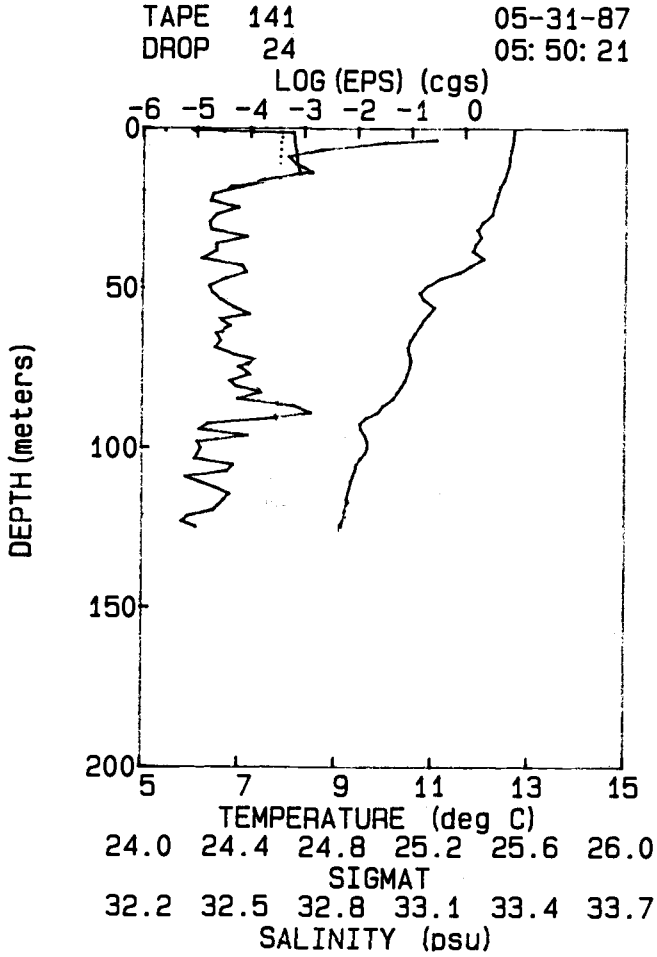
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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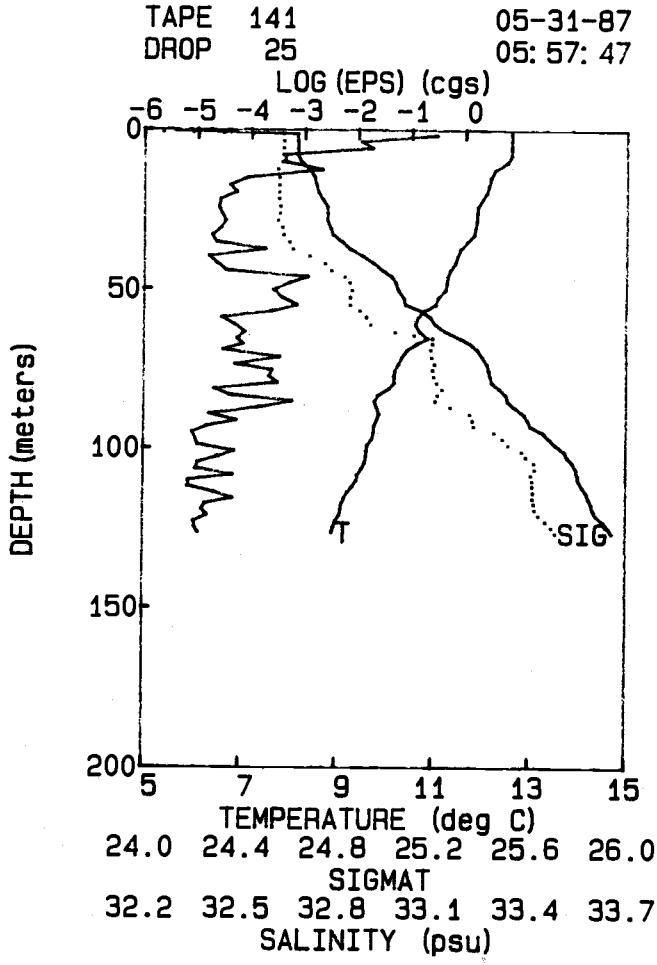
50
100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 141
DROP 25
05-31-87
05: 57: 47
LOG (EPS) (cgs)
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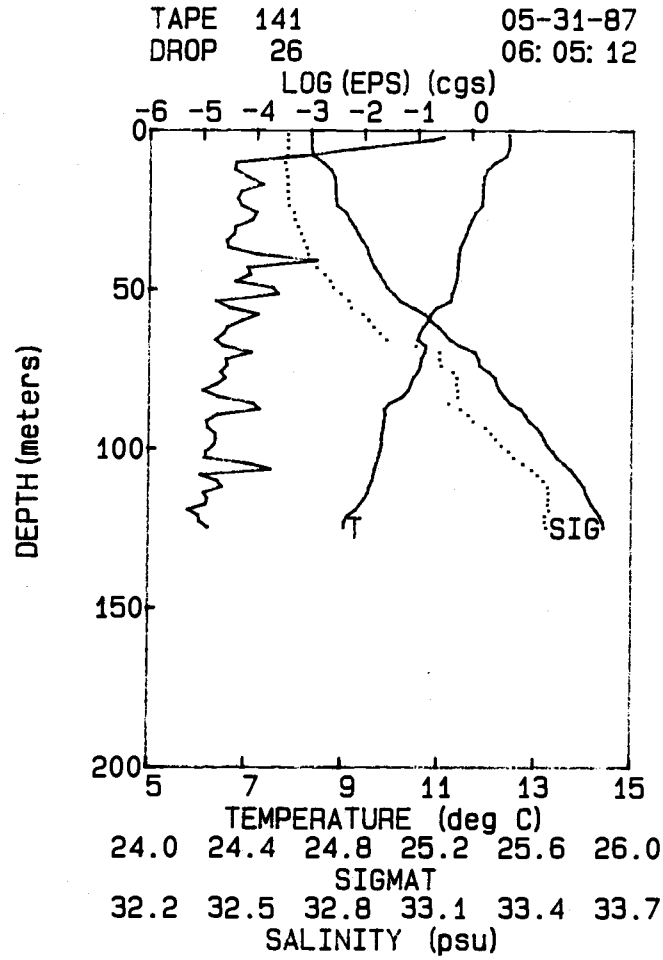
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DROP 26
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06: 05: 12
LOG (EPS) (cgs)
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DEPTH (meters)
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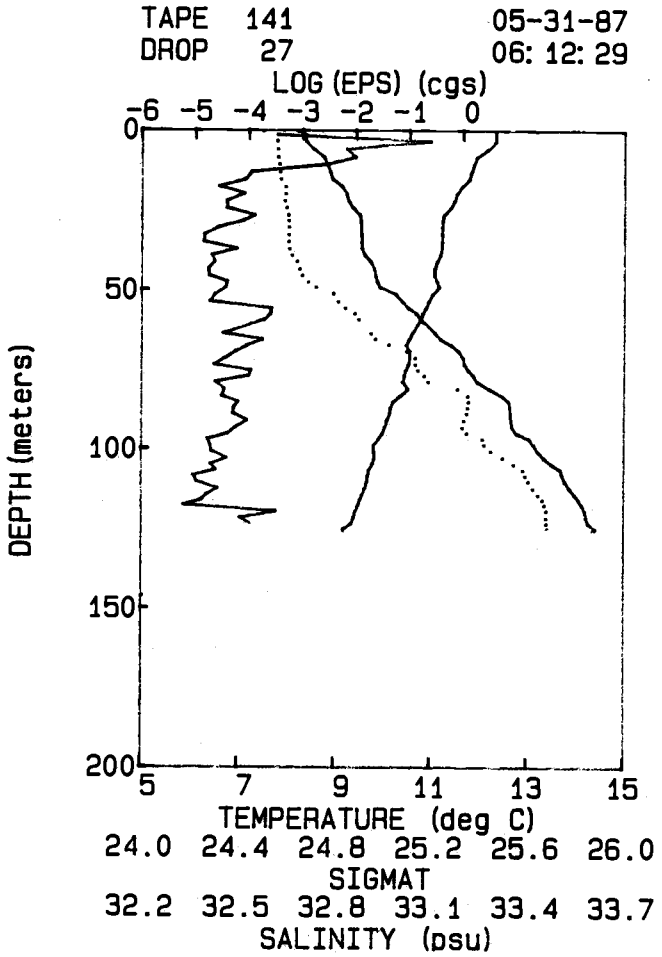
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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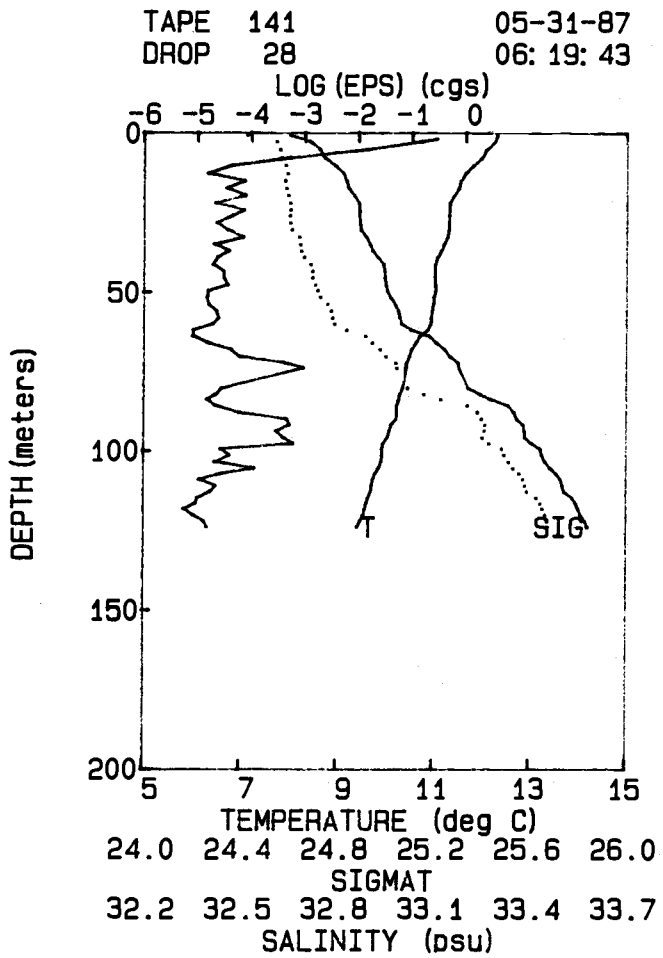
100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DROP 28
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LOG (EPS) (cgs)
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DEPTH (meters)
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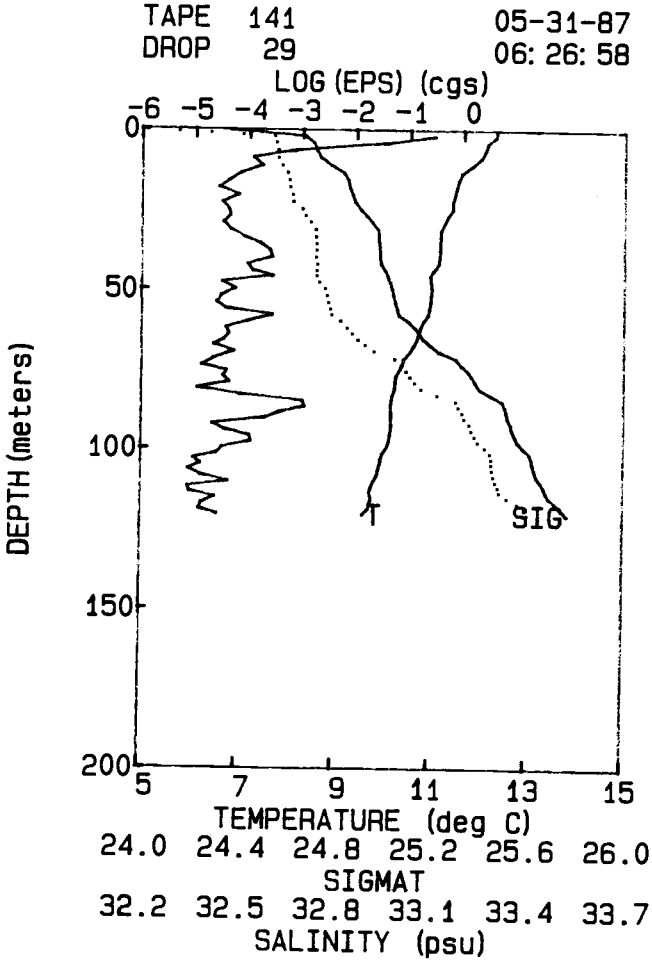
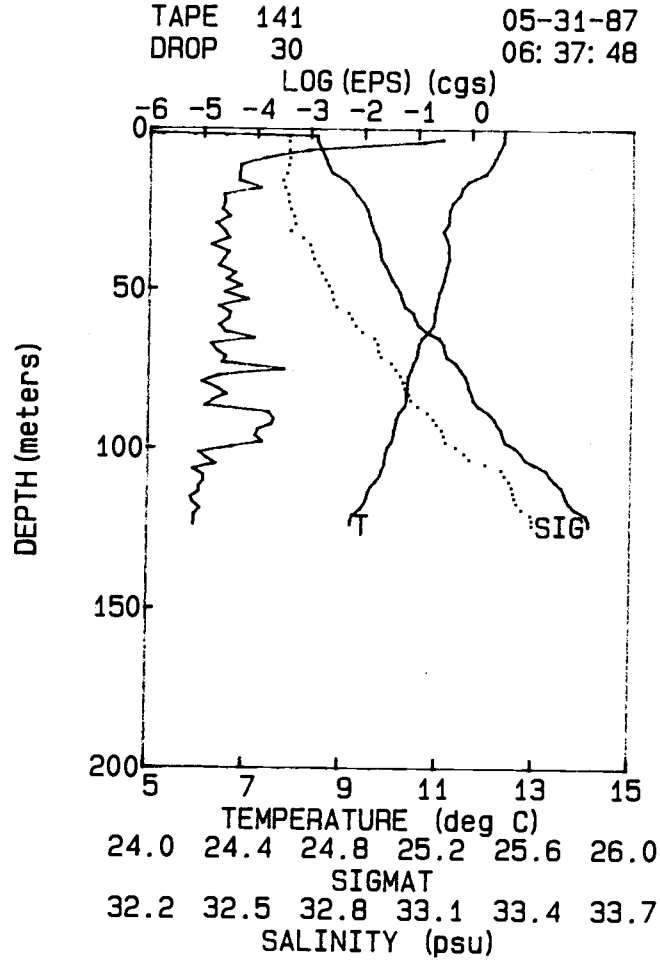
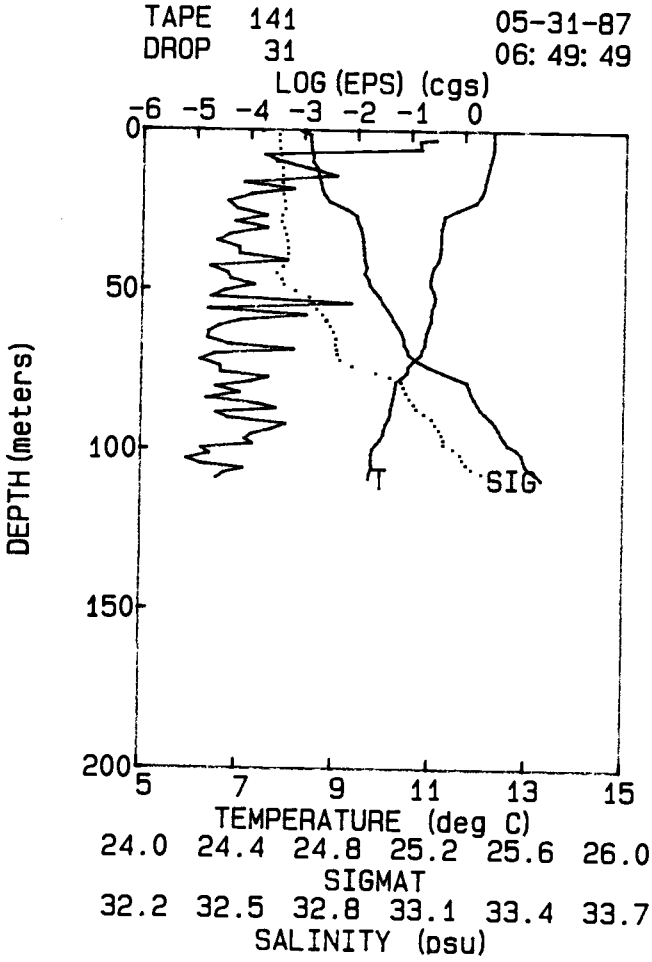
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 141
DROP 29
05-31-87
06: 26: 58
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 141
DROP 30
05-31-87
06: 37: 48
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 141
DROP 31
05-31-87
06: 49: 49
LOG (EPS) (cgs)
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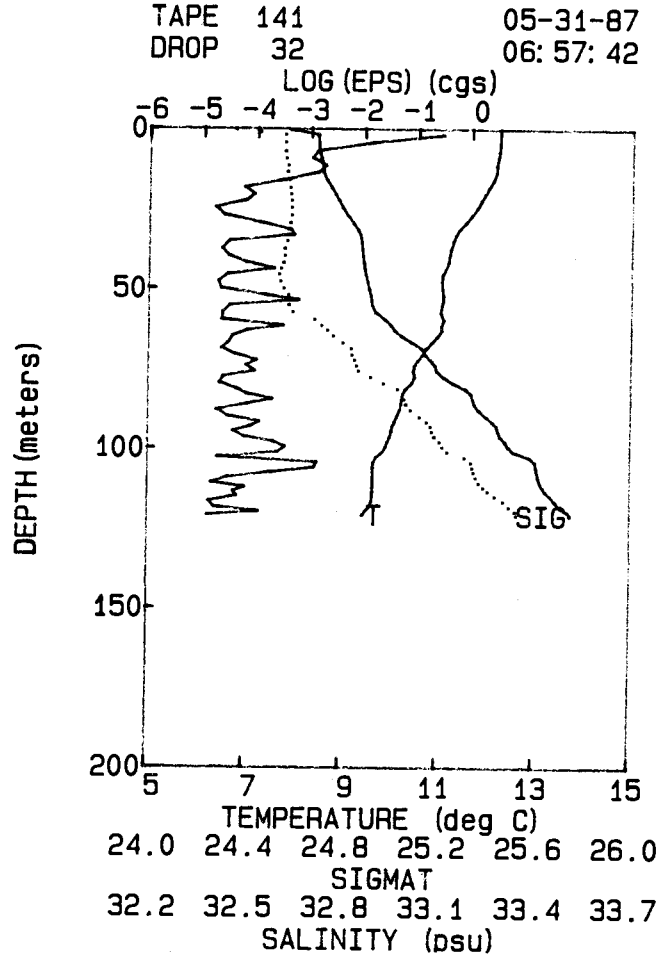
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 141
DROP 32
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06: 57: 42
LOG (EPS) (cgs)
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DEPTH (meters)
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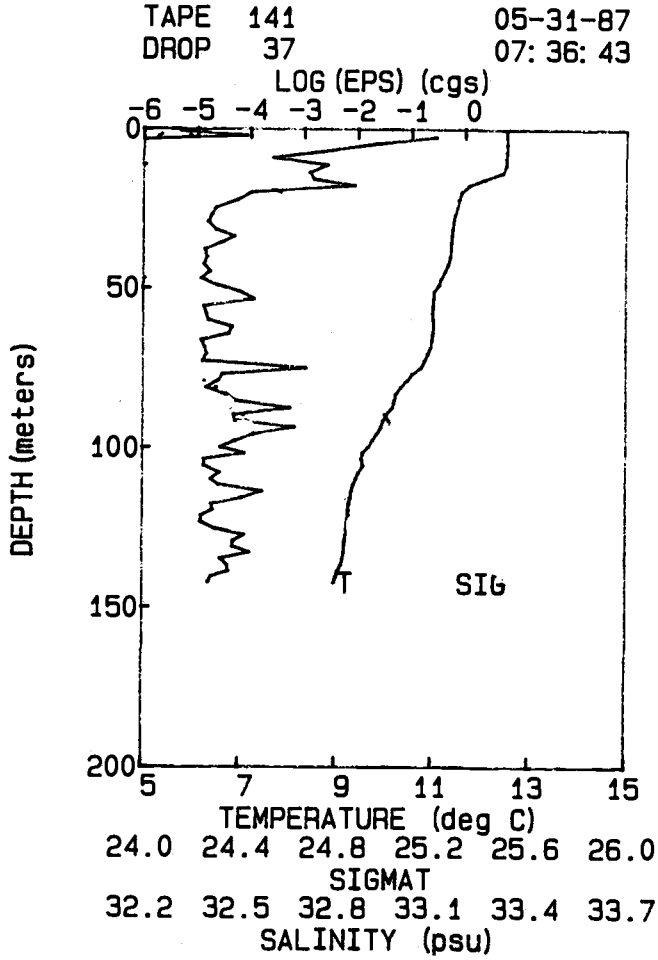
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 141
DROP 37
05-31-87
07: 36: 43
LOG (EPS) (cgs)
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DEPTH (meters)
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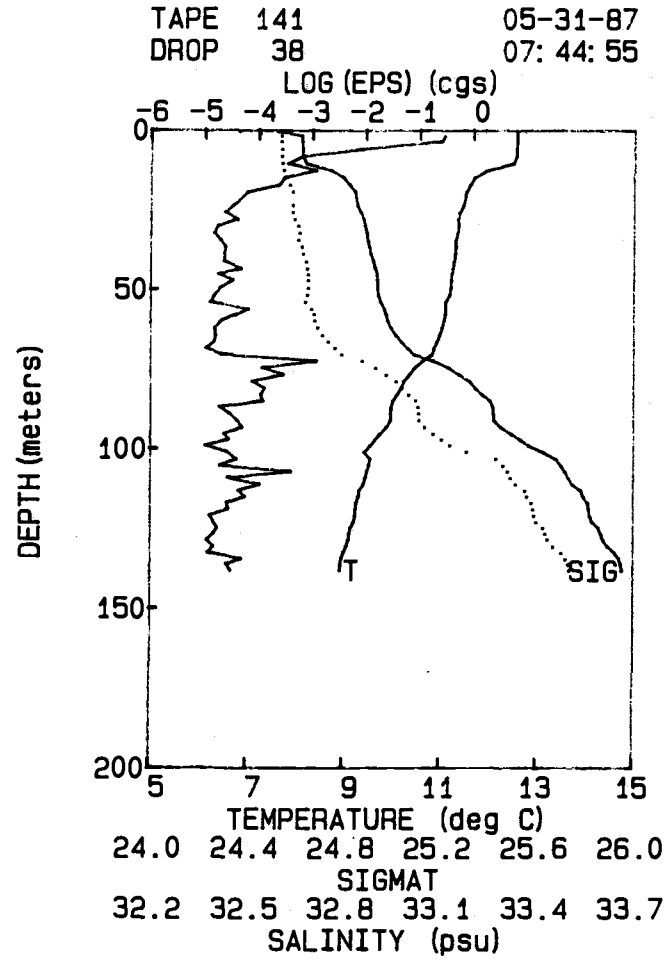
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 141
DROP 38
05-31-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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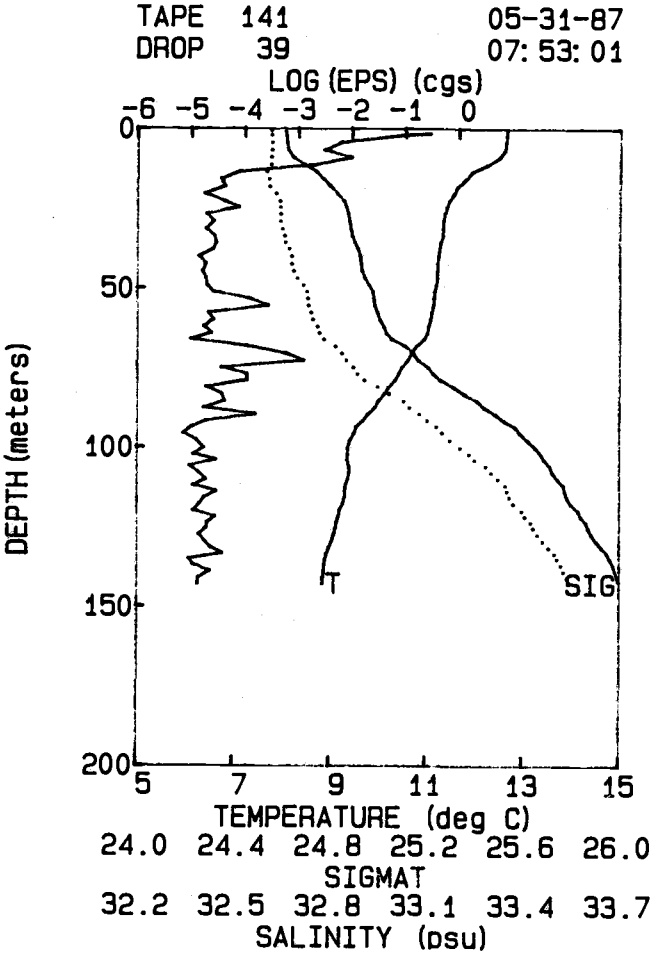
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 141
DROP 39
05-31-87
07: 53: 01
LOG (EPS) (cgs)
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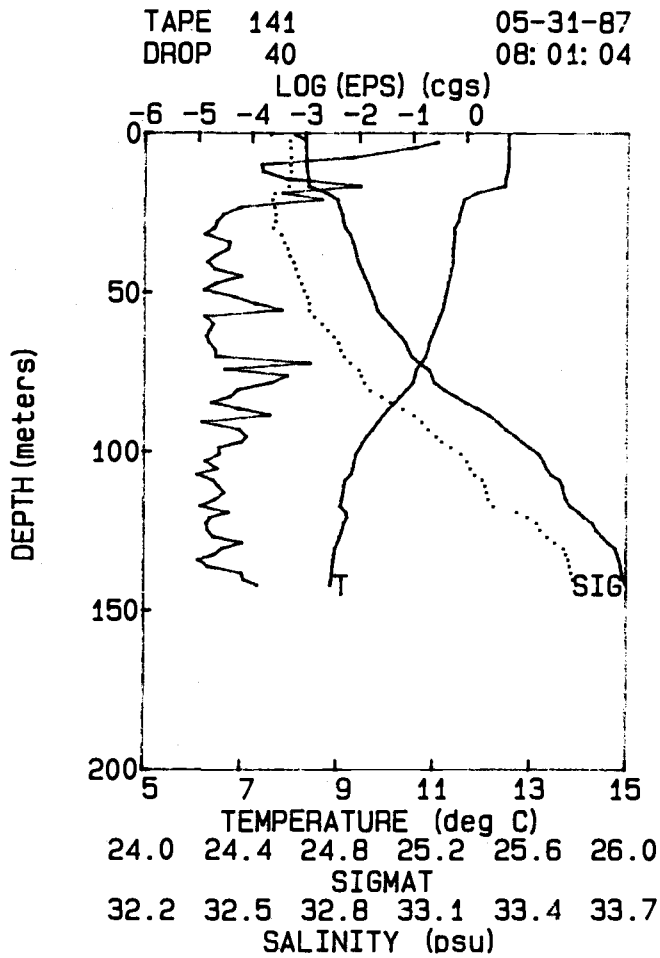
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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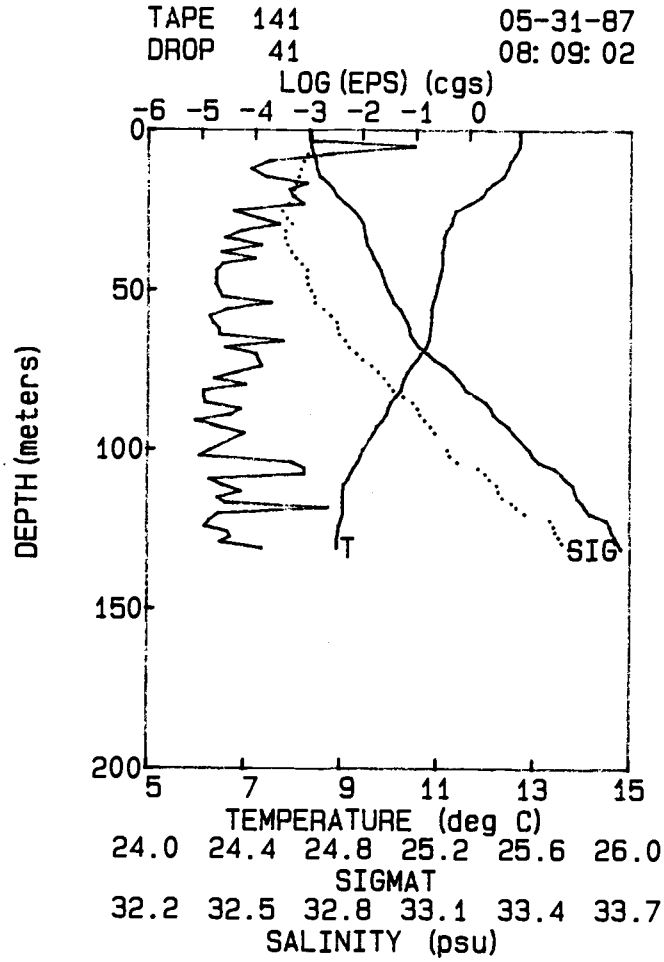
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 141
DROP 41
05-31-87
08: 09: 02
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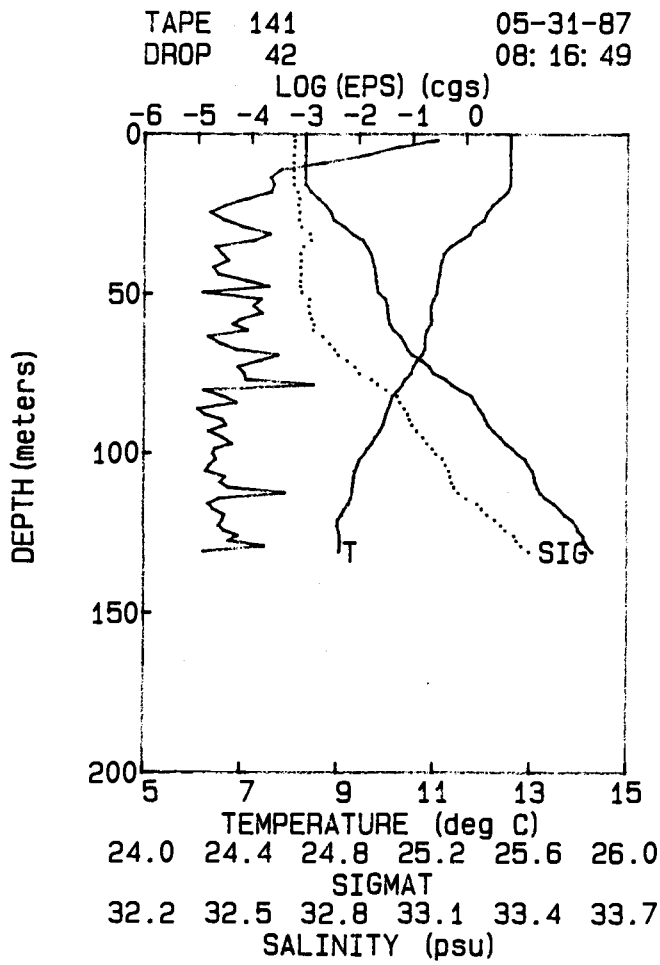
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 141
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LOG (EPS) (cgs)
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DEPTH (meters)
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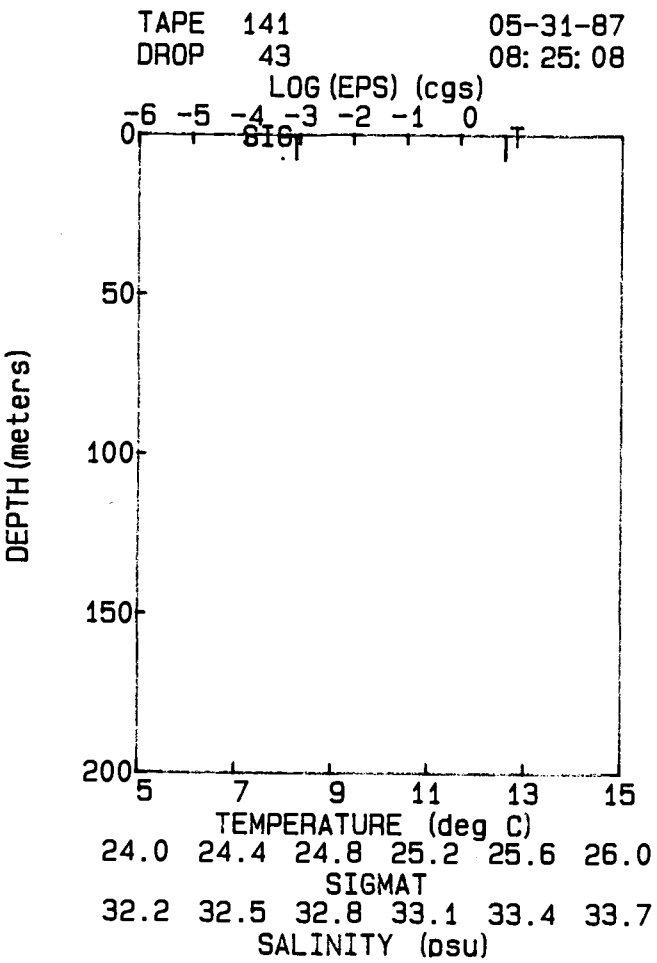
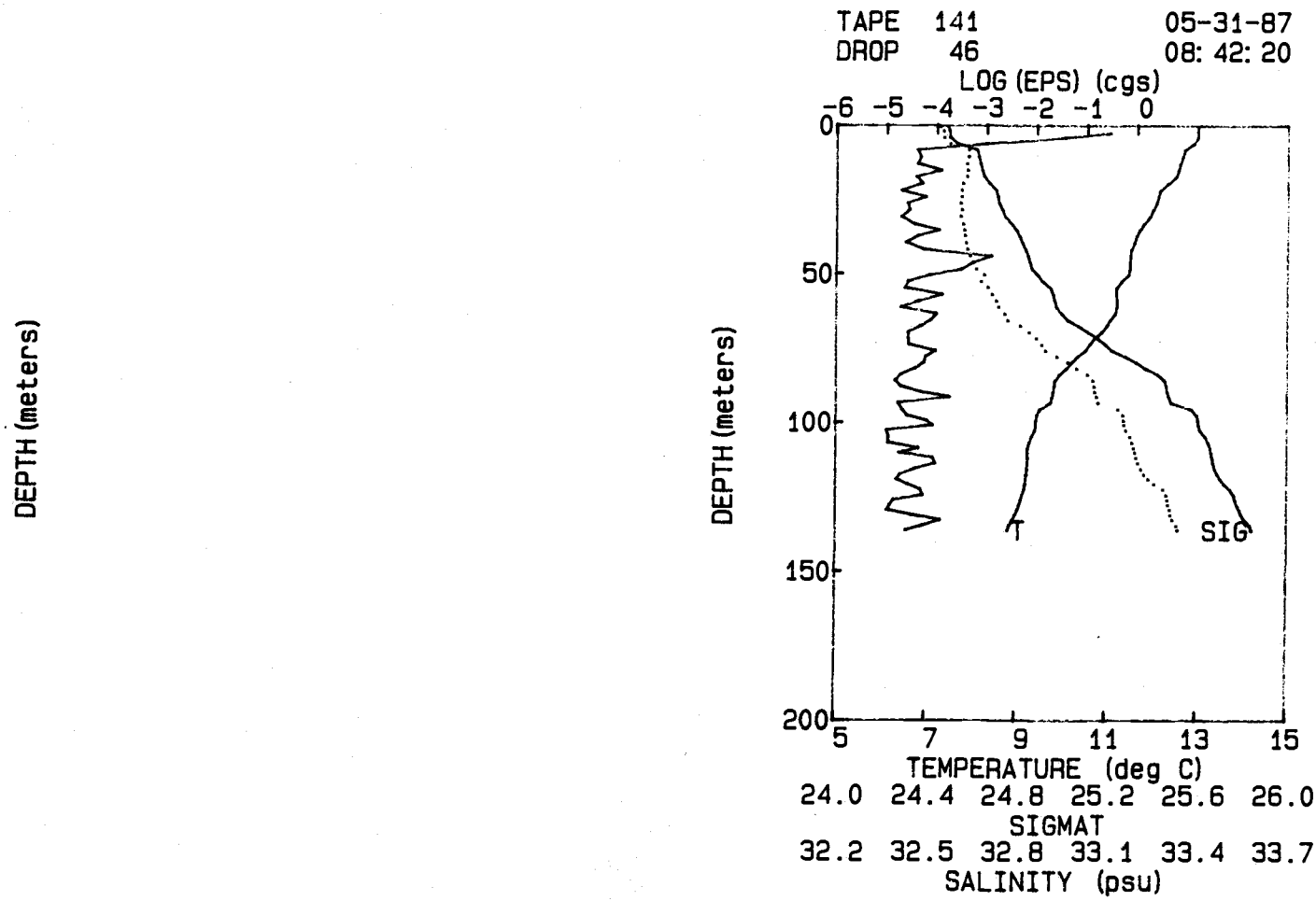
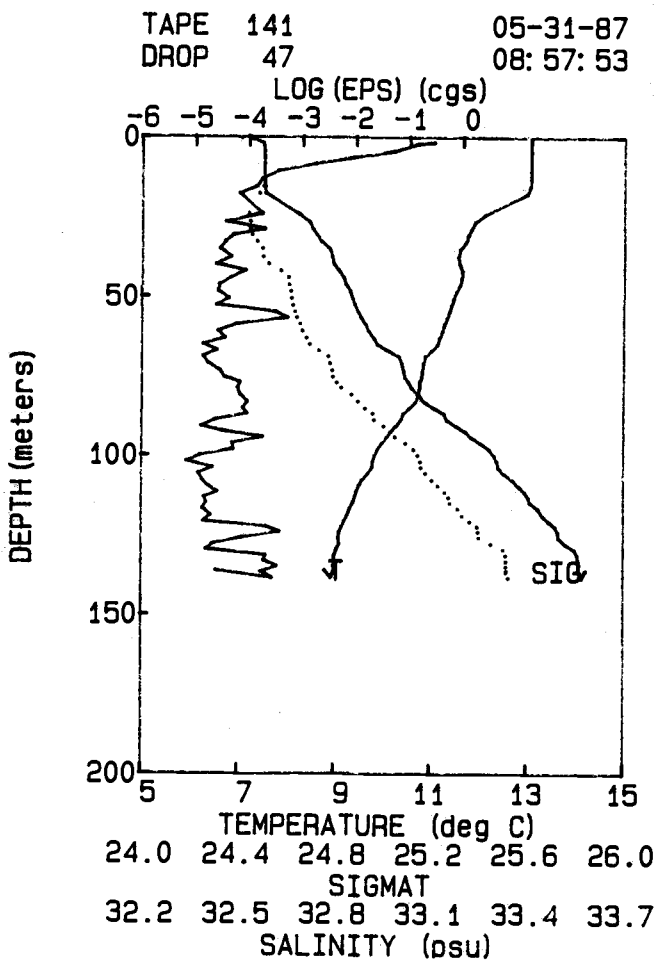
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 141
DROP 43
05-31-87
08: 25: 08
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
SIG
T
DEPTH (meters)
0
50
100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


DEPTH (meters)


TAPE 141
DROP 46
05-31-87
08: 42: 20
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 141
DROP 47
05-31-87
08: 57: 53
LOG (EPS) (cgs)
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DEPTH (meters)
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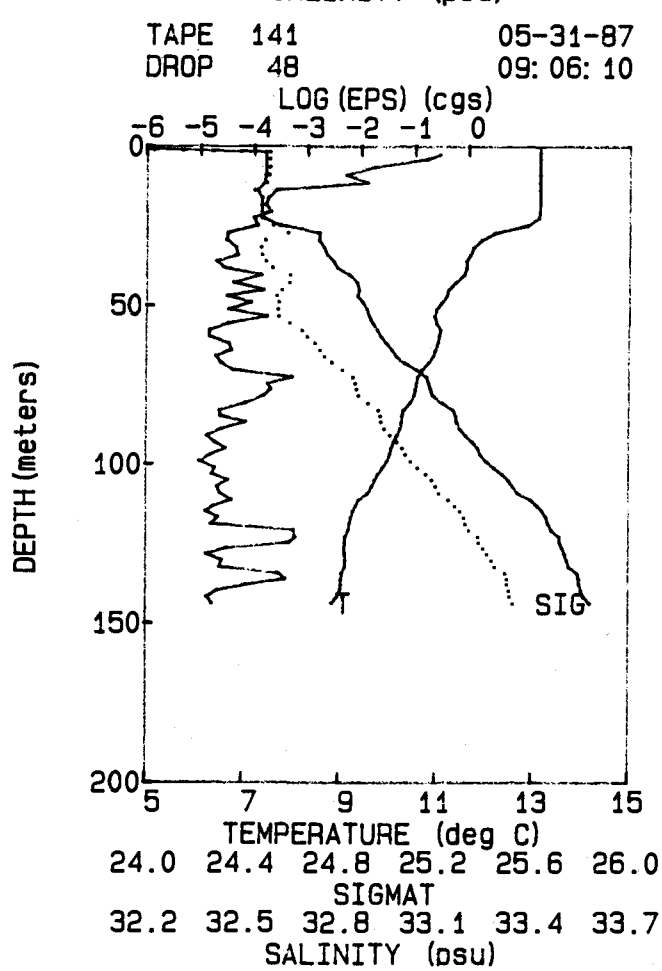
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 141
DROP 48
05-31-87
09: 06: 10
LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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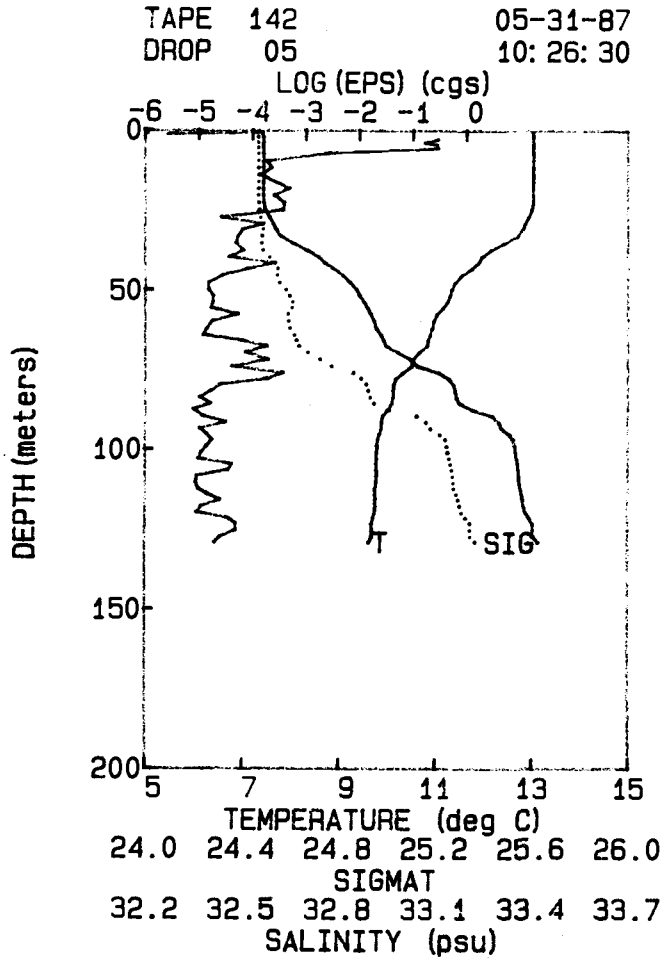
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 05
05-31-87
10: 26: 30
LOG (EPS) (cgs)
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DEPTH (meters)
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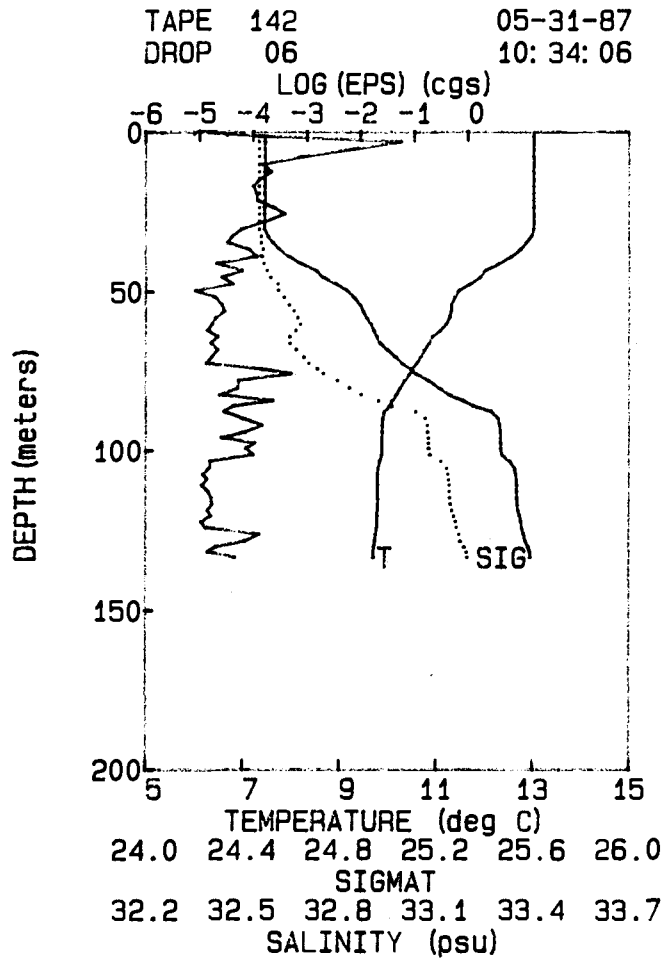
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 06
05-31-87
10: 34: 06
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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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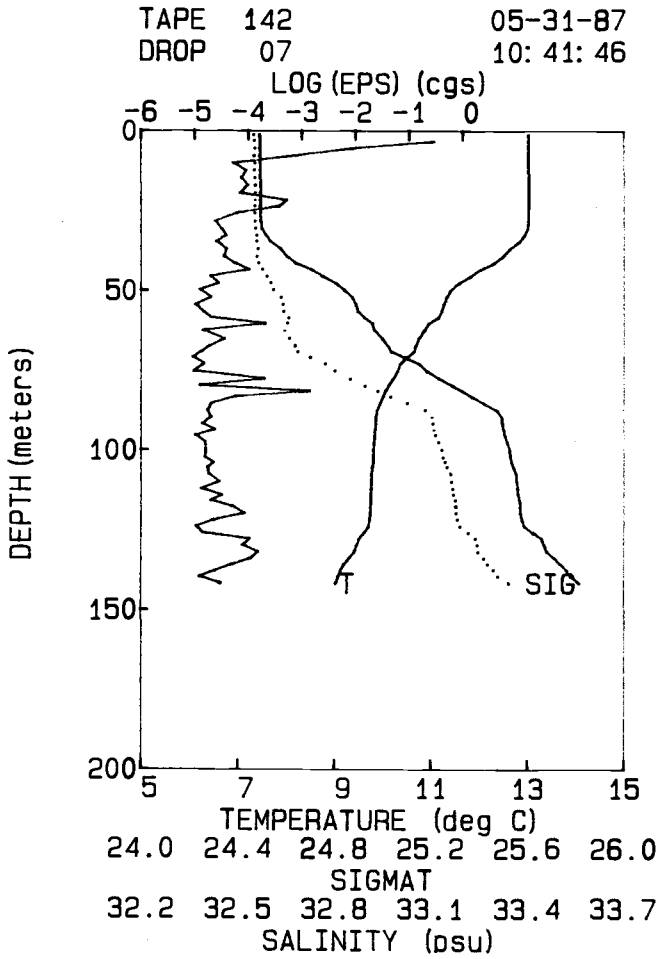
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 07
05-31-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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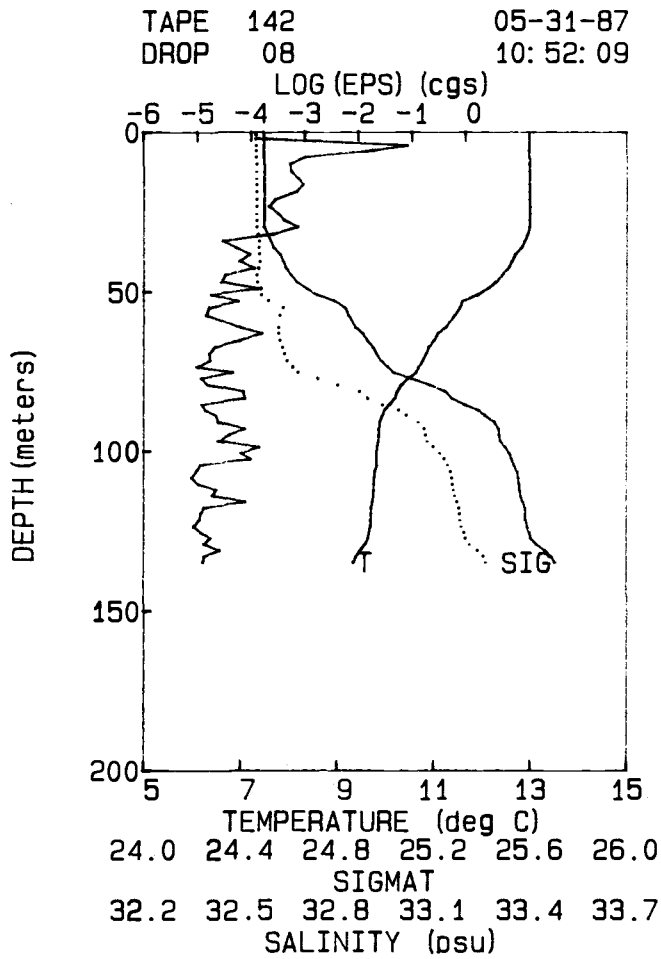
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 08
05-31-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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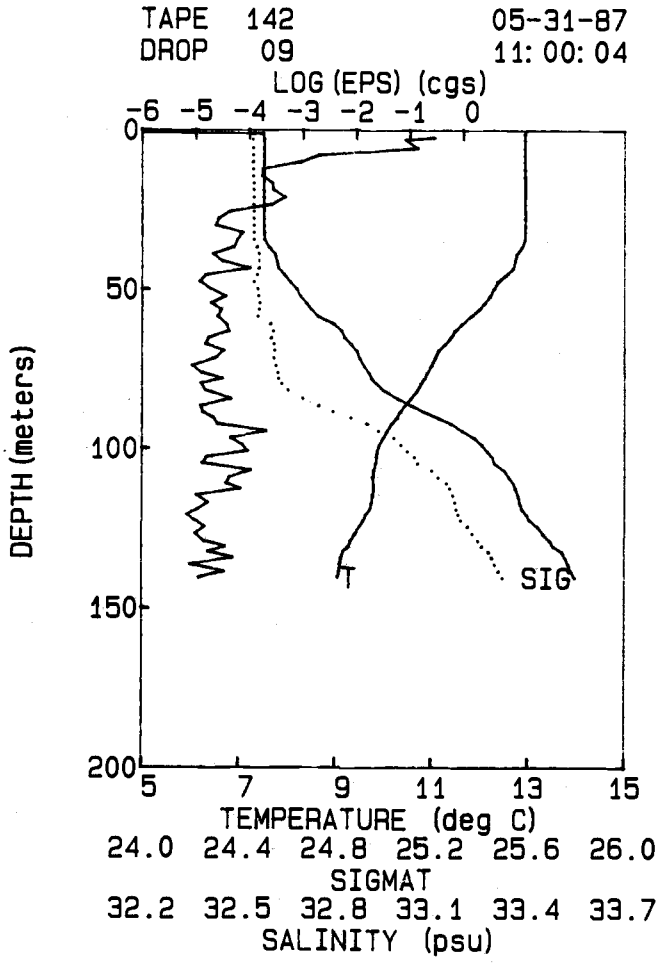
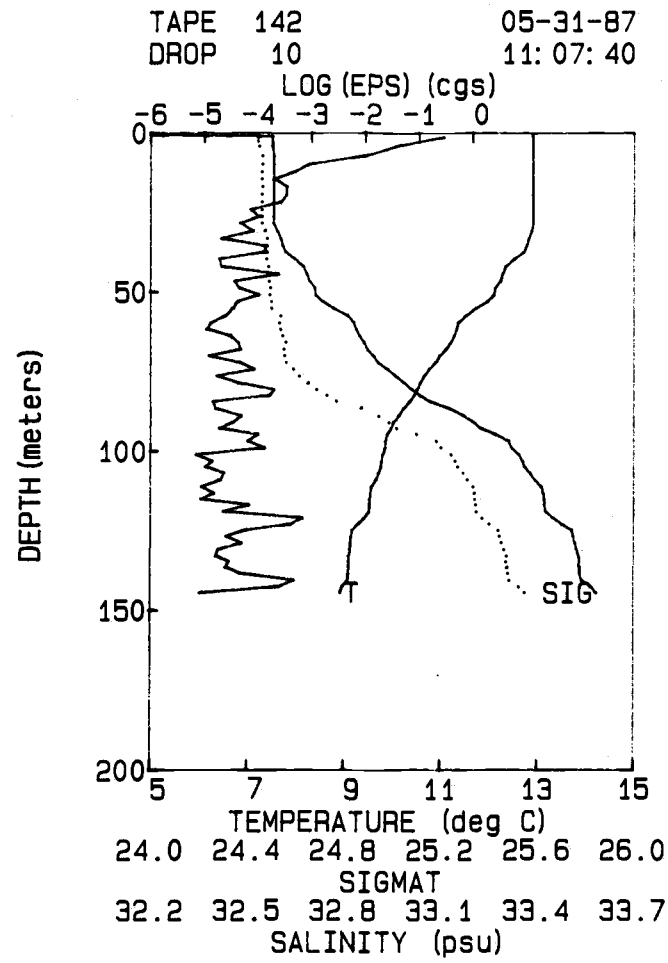
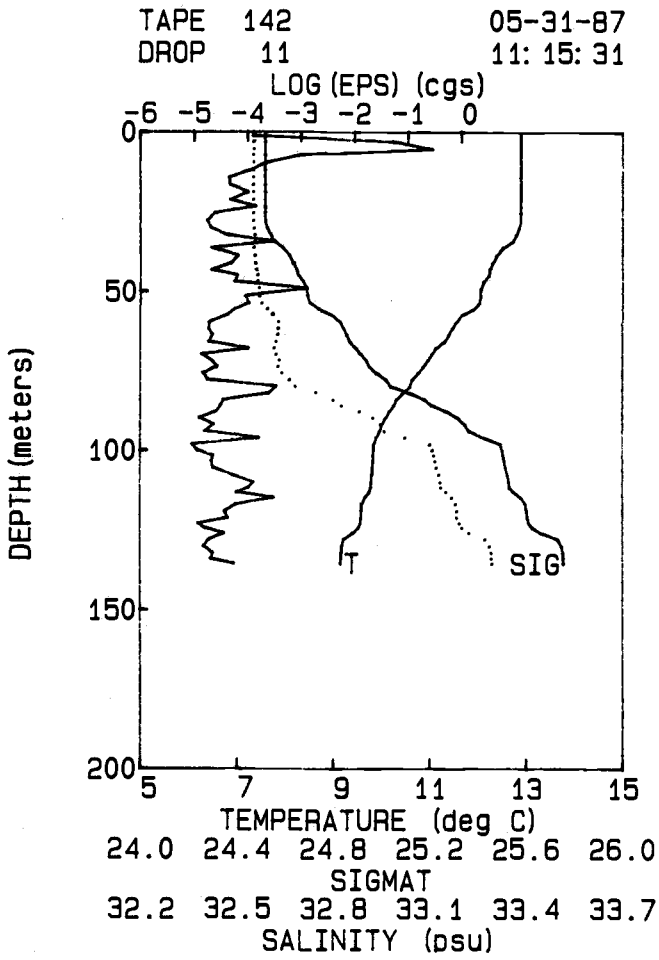
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 09
05-31-87
11: 00: 04
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 10
05-31-87
11: 07: 40
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 11
05-31-87
11: 15: 31
LOG (EPS) (cgs)
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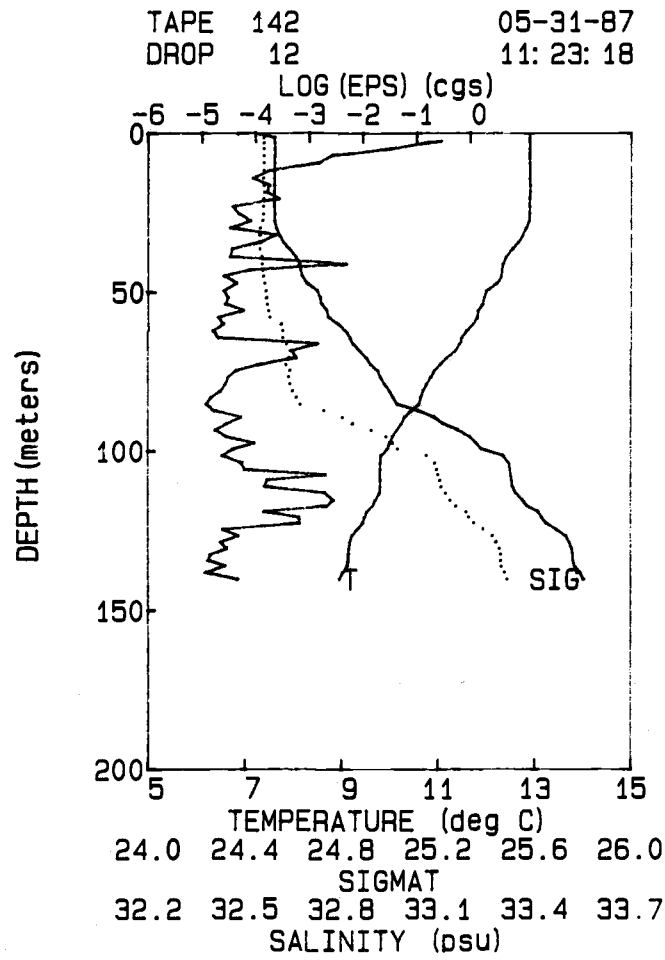
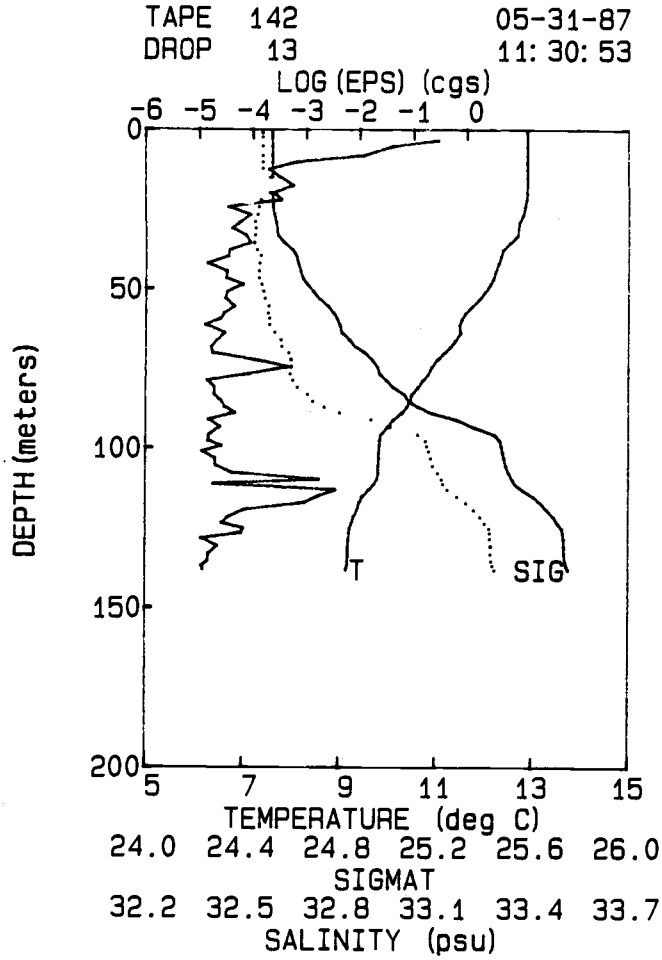
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 12
05-31-87
11: 23: 18
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 13
05-31-87
11: 30: 53
LOG (EPS) (cgs)
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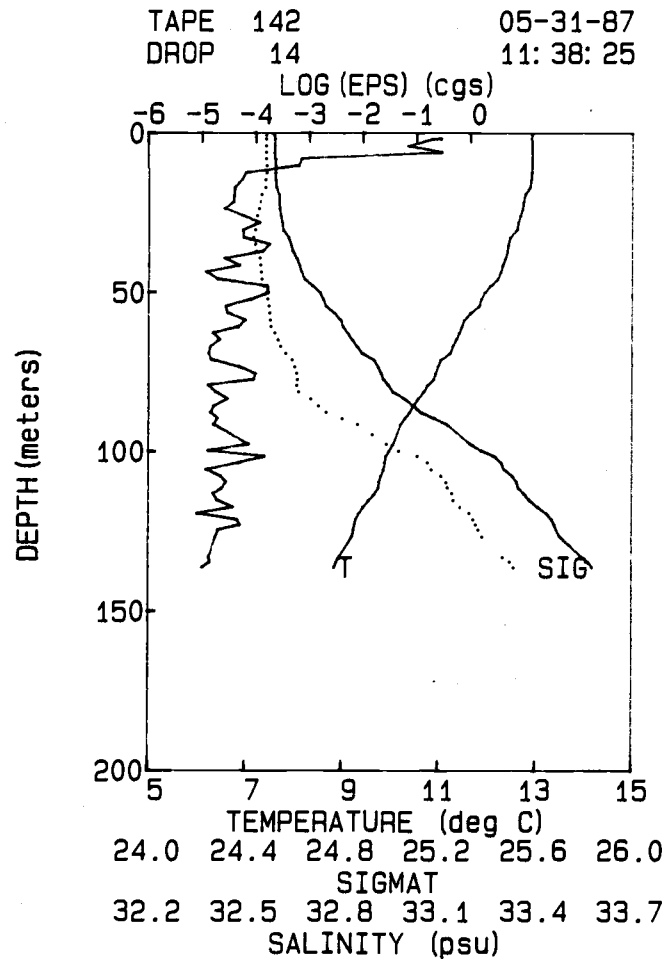
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DROP 14
05-31-87
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LOG (EPS) (cgs)
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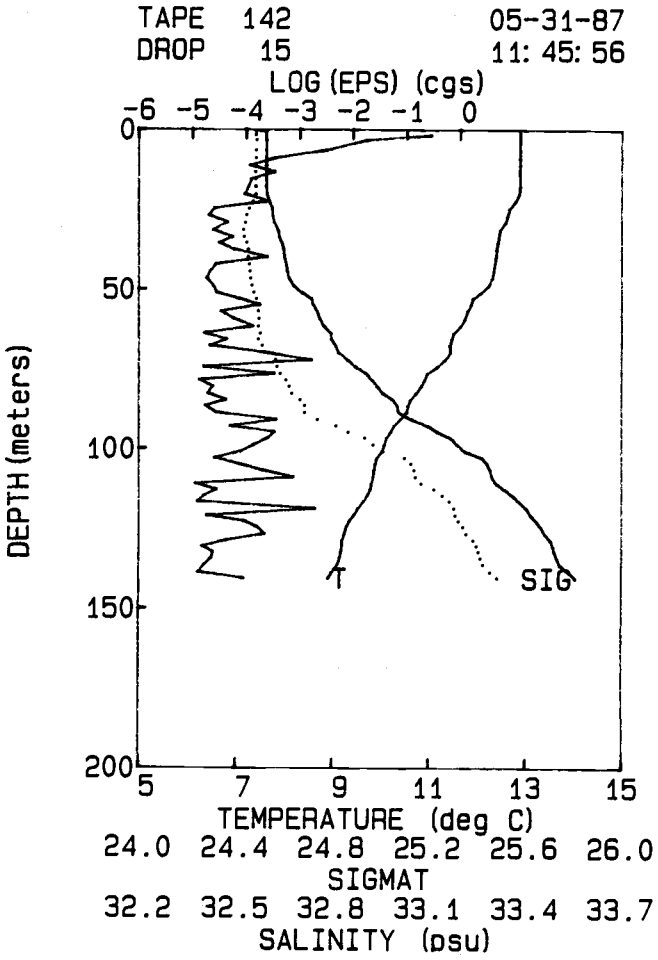
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 15
05-31-87
11: 45: 56
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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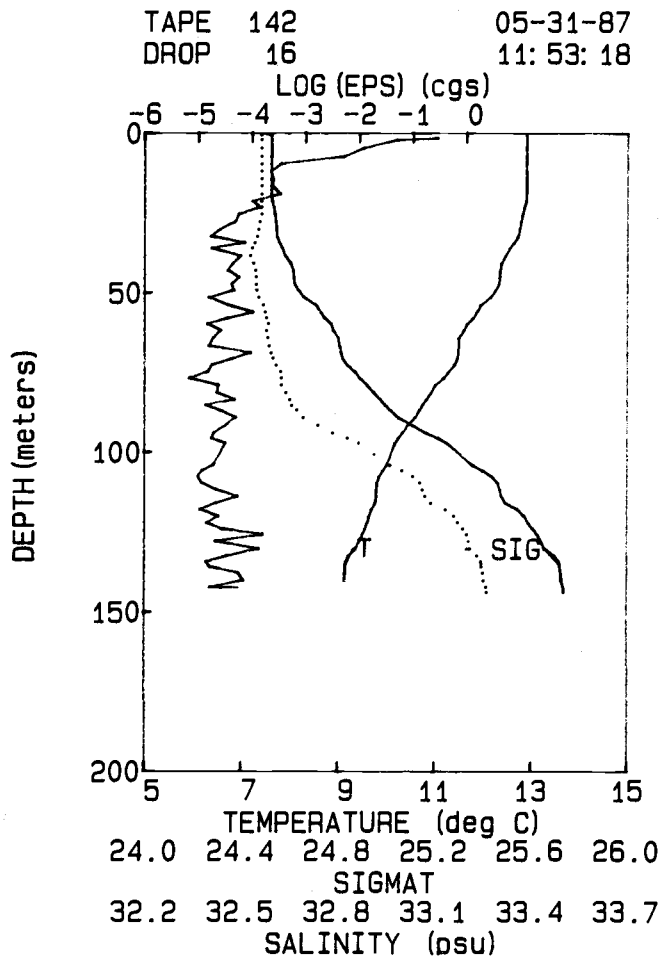
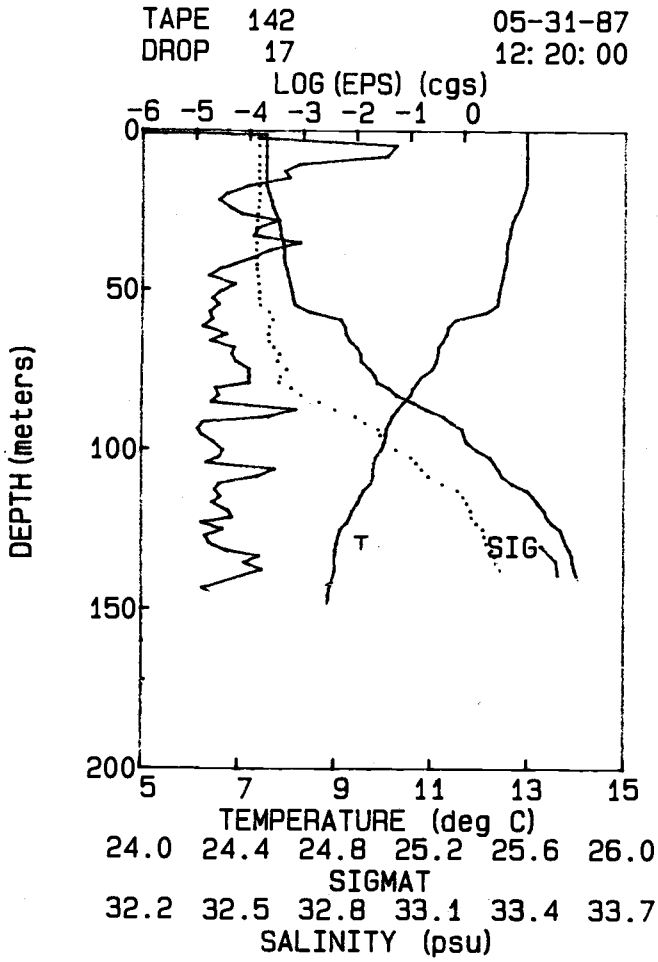
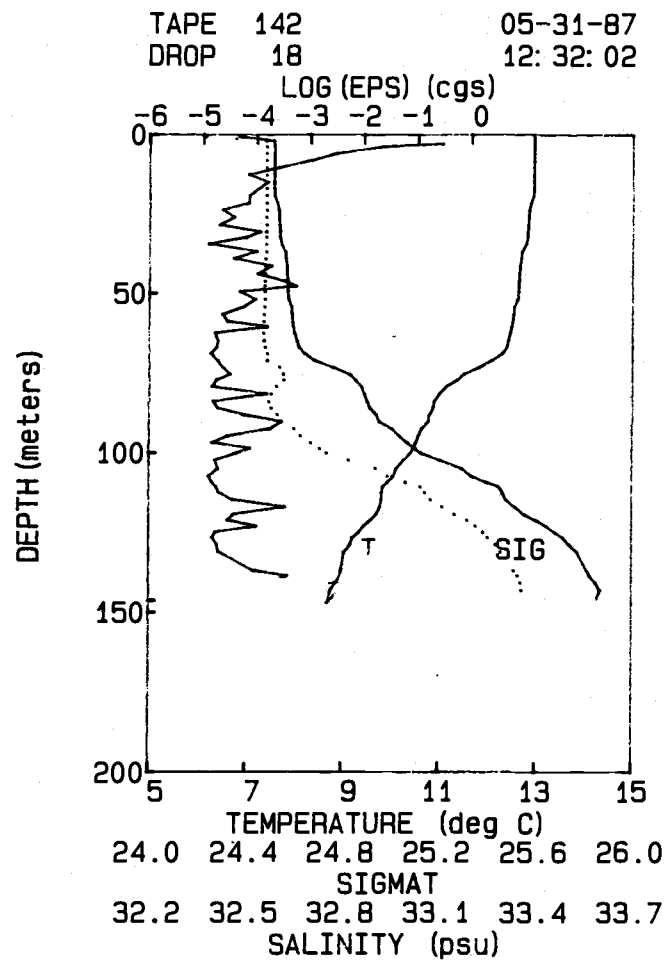
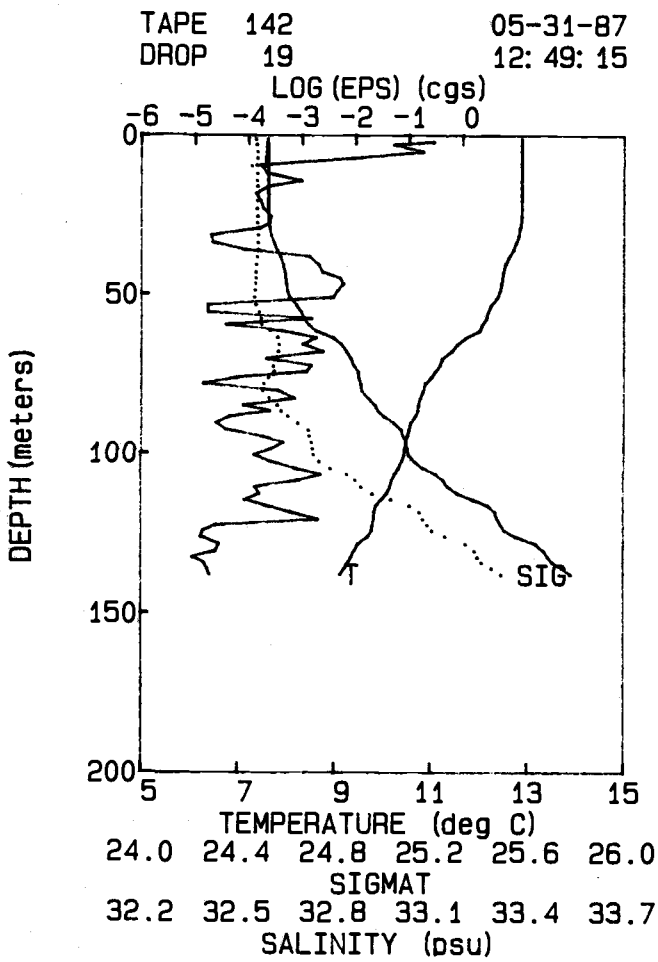
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 16
05-31-87
11: 53: 18
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 17
05-31-87
12: 20: 00
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 18
05-31-87
12: 32: 02
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 19
05-31-87
12: 49: 15
LOG (EPS) (cgs)
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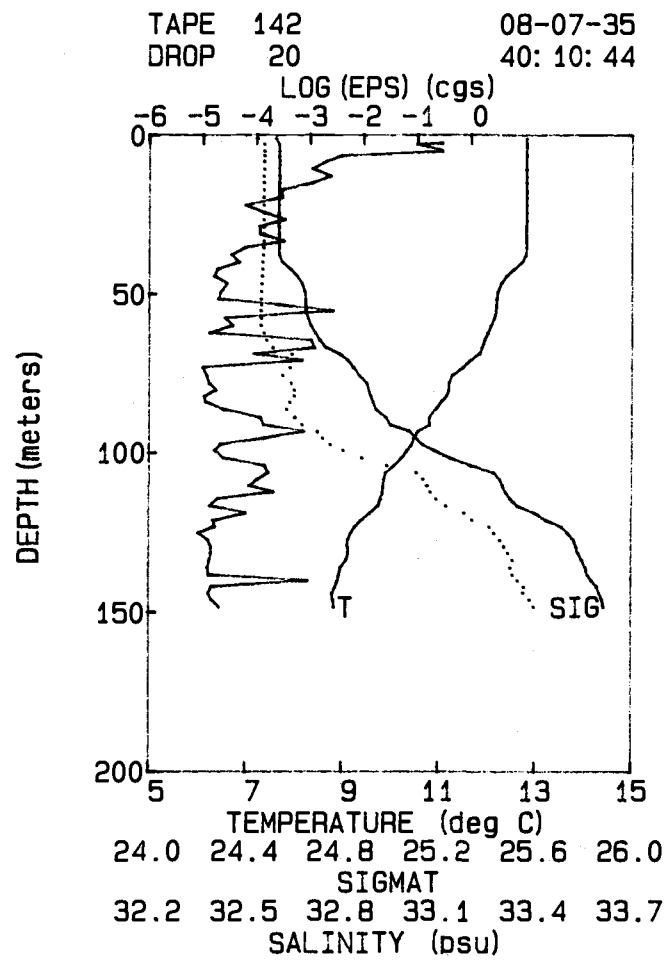
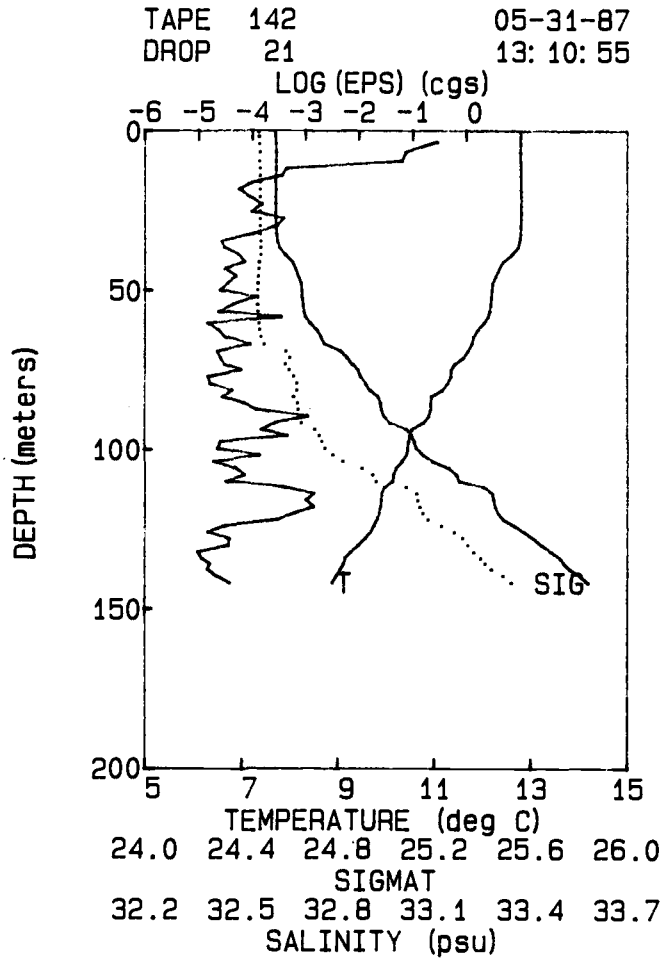
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 20
08-07-35
40: 10: 44
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 21
05-31-87
13: 10: 55
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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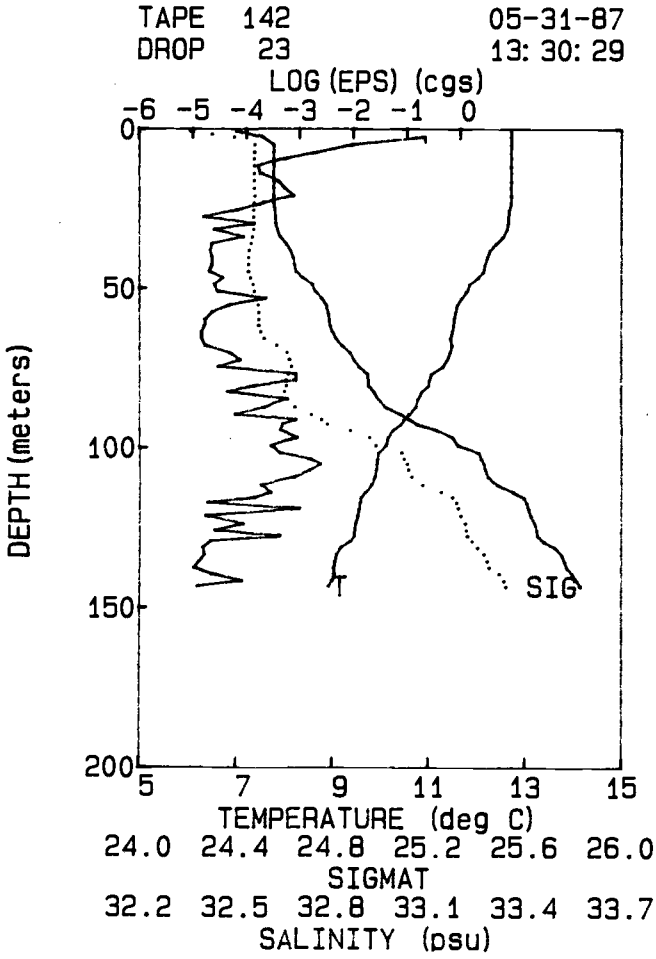
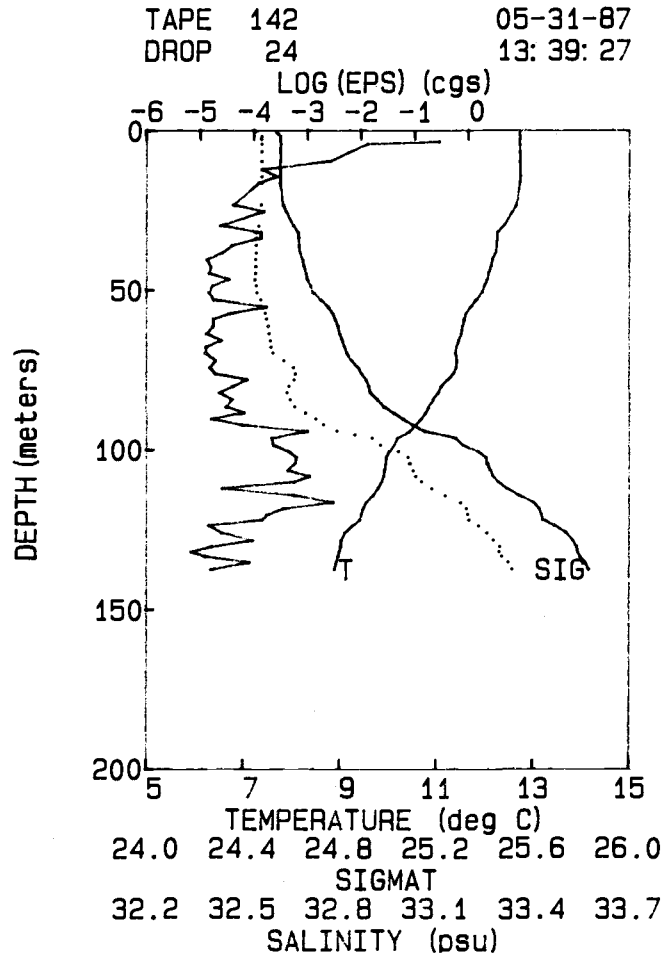
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 23
05-31-87
13: 30: 29
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 24
05-31-87
13: 39: 27
LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
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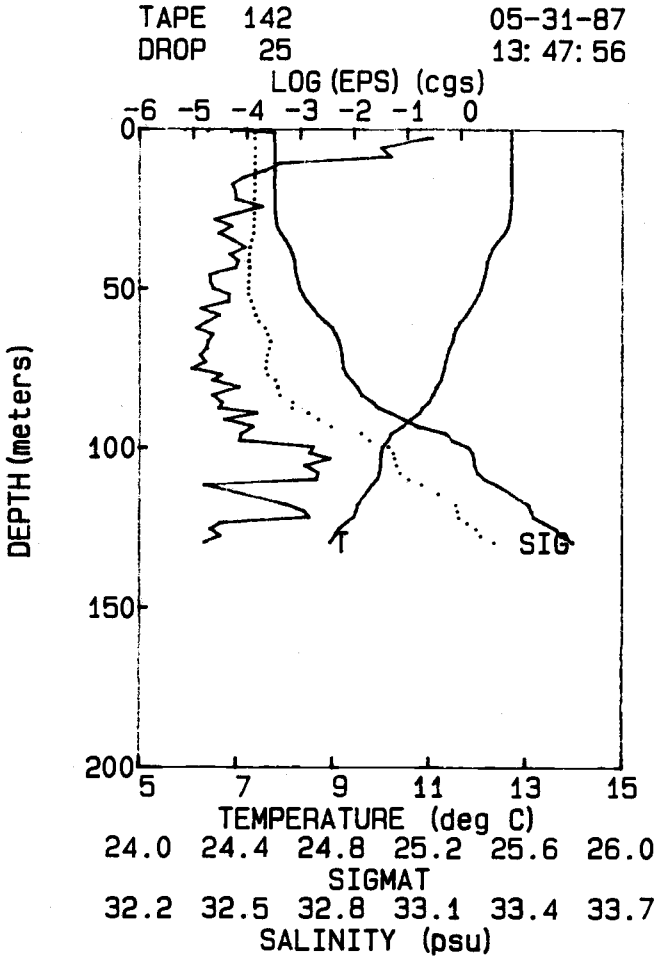
TAPE 142
DROP 25
05-31-87
13: 47: 56
LOG (EPS) (cgs)
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DEPTH (meters)
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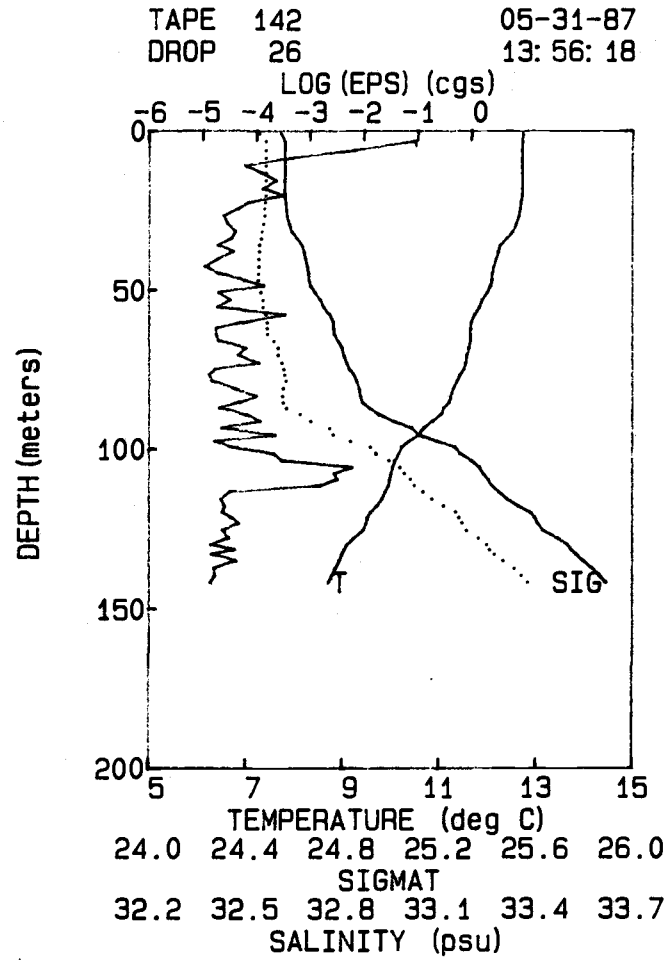
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 26
05-31-87
13: 56: 18
LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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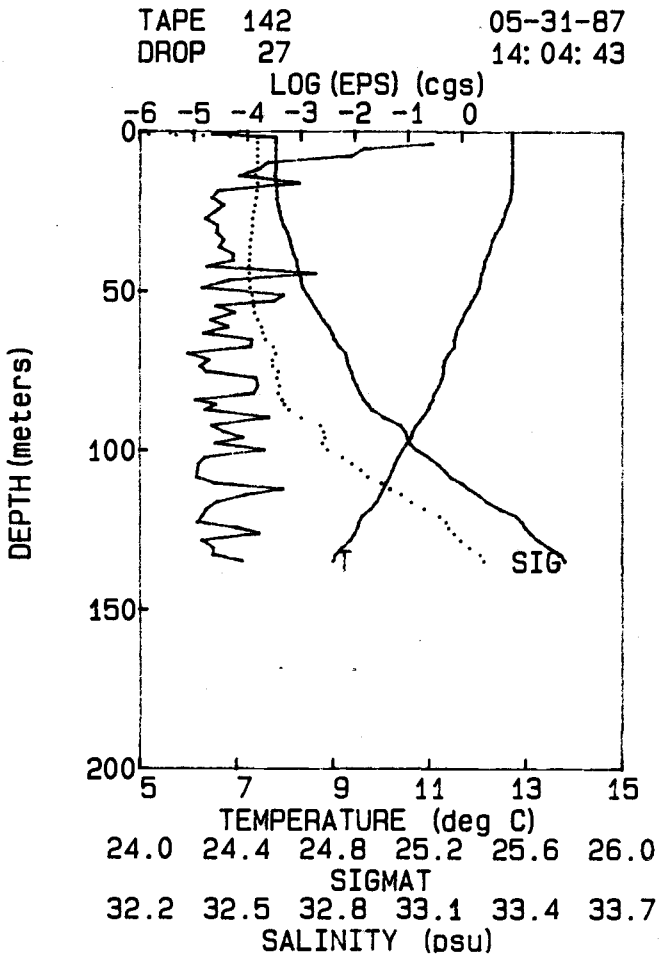
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 27
05-31-87
14: 04: 43
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DEPTH (meters)
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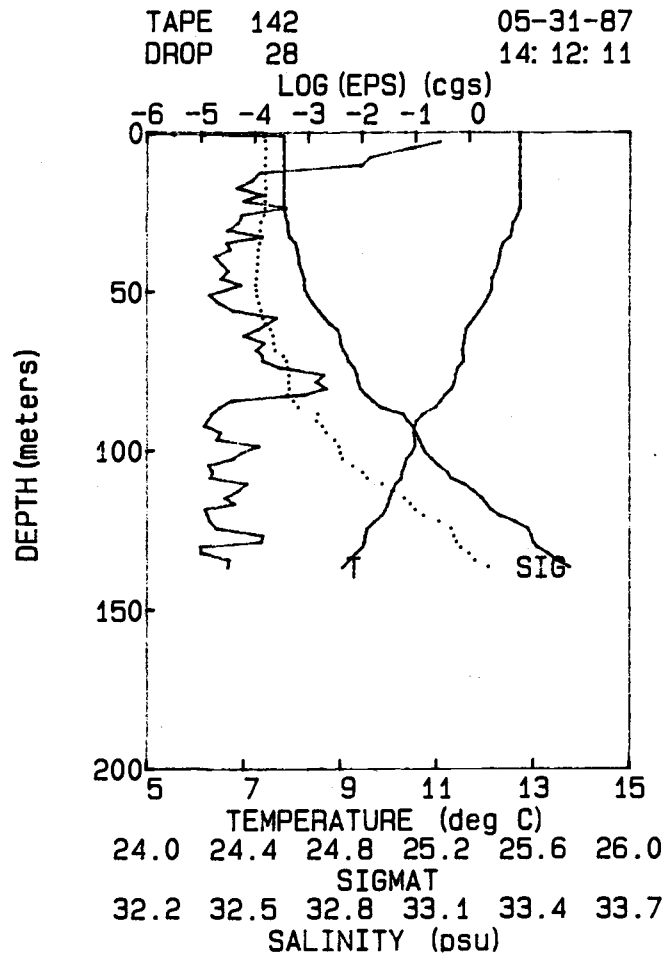
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 28
05-31-87
14: 12: 11
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DEPTH (meters)
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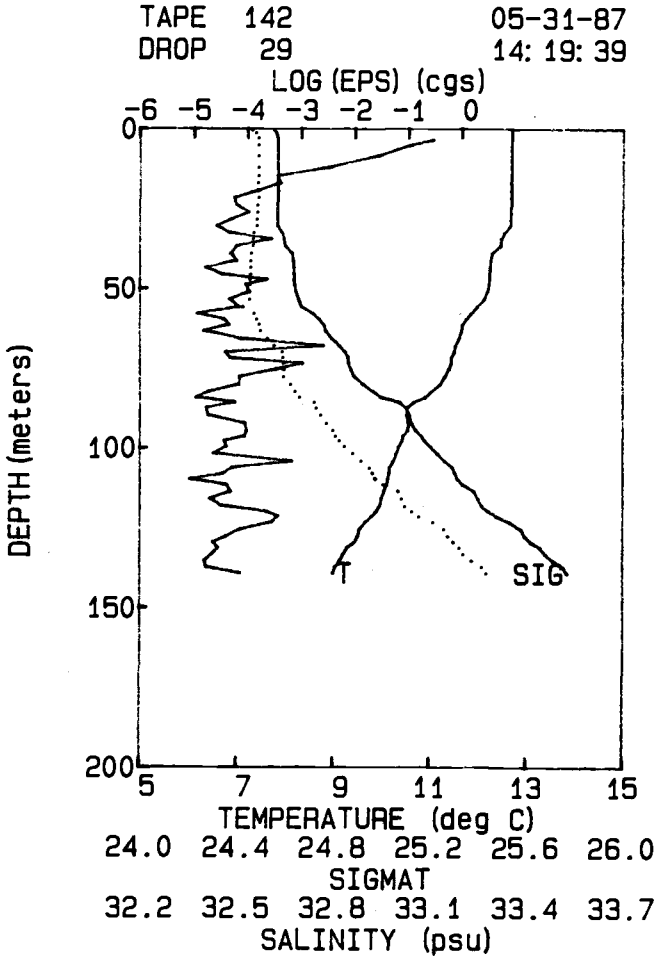
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 29
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DEPTH (meters)
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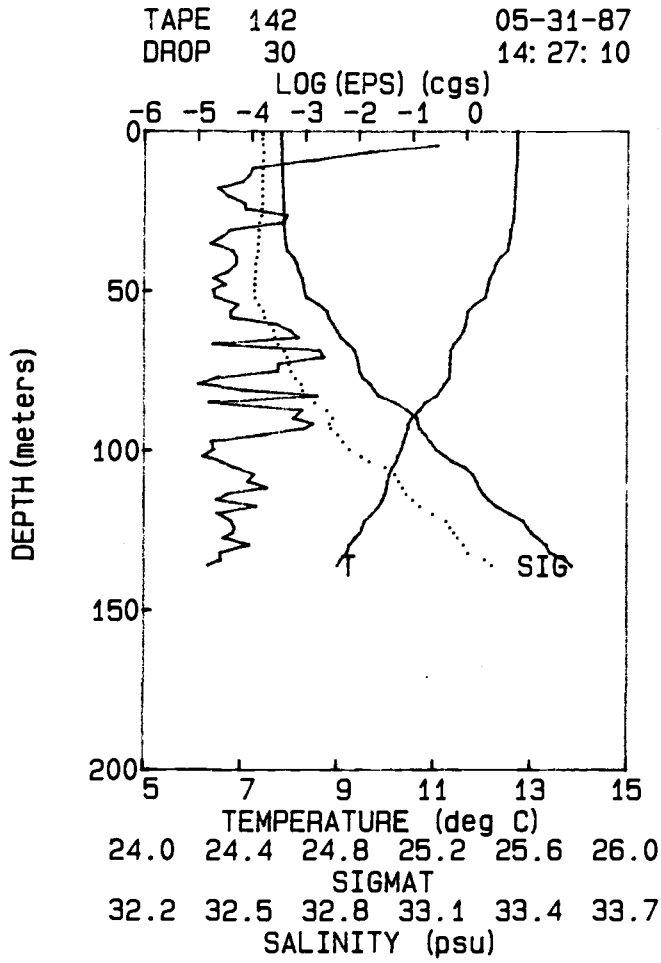
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 30
05-31-87
14: 27: 10
LOG (EPS) (cgs)
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DEPTH (meters)
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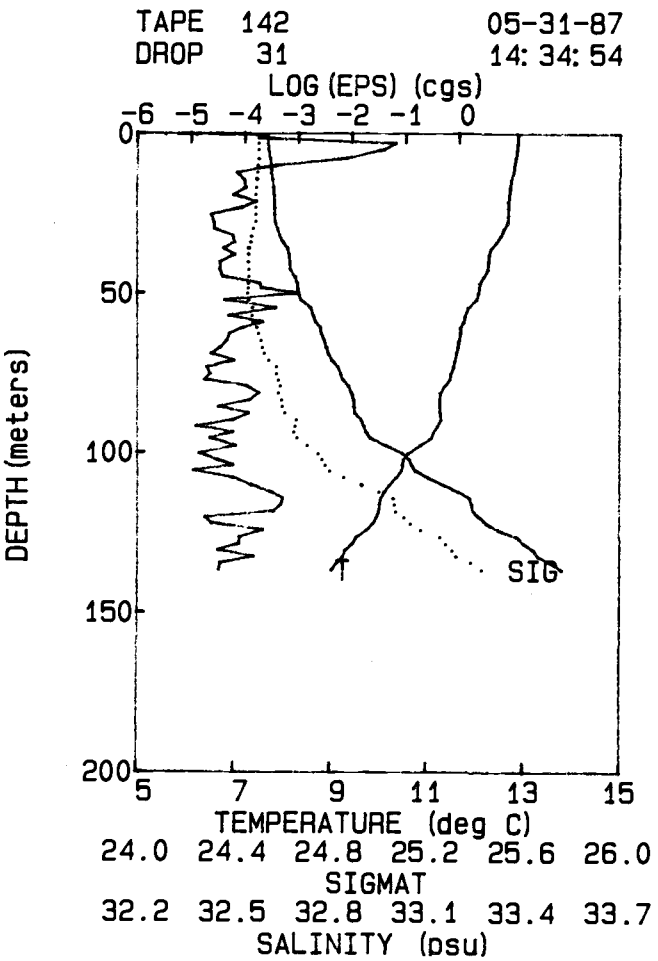
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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05-31-87
14: 34: 54
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DEPTH (meters)
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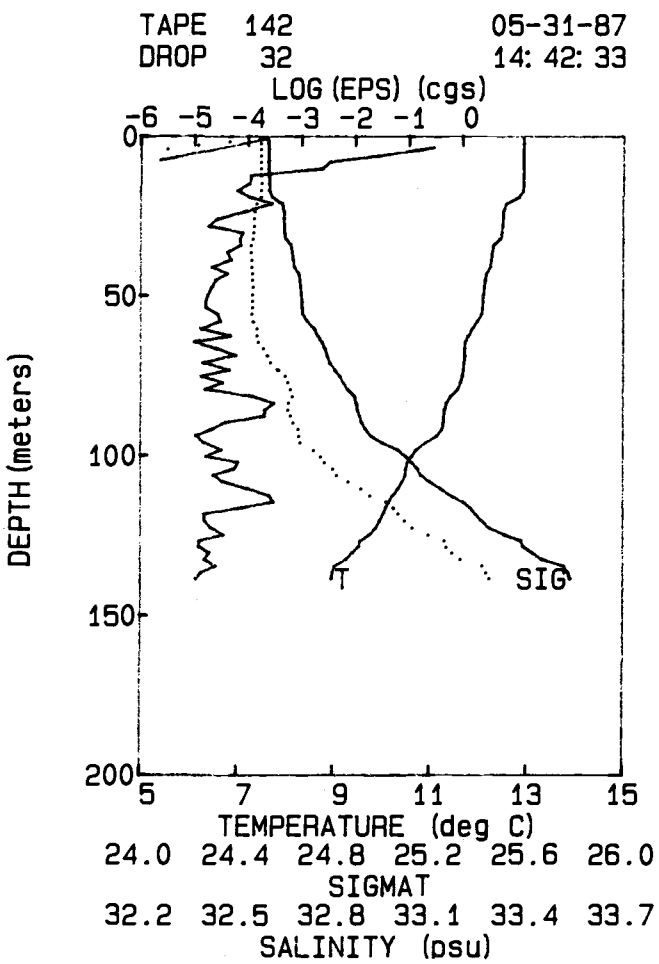
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 32
05-31-87
14: 42: 33
LOG (EPS) (cgs)
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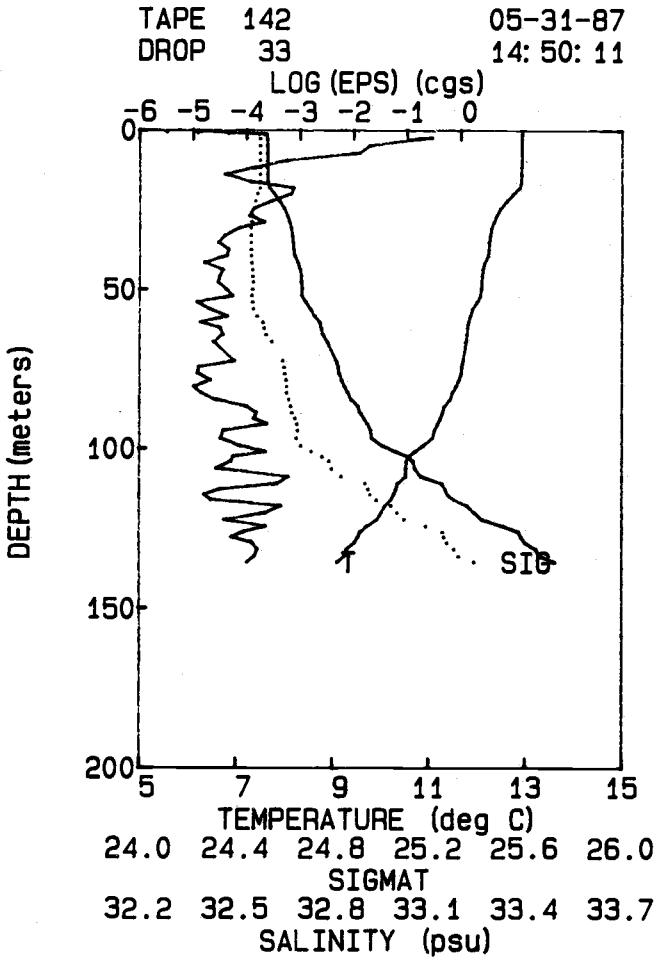
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 33
05-31-87
14: 50: 11
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DEPTH (meters)
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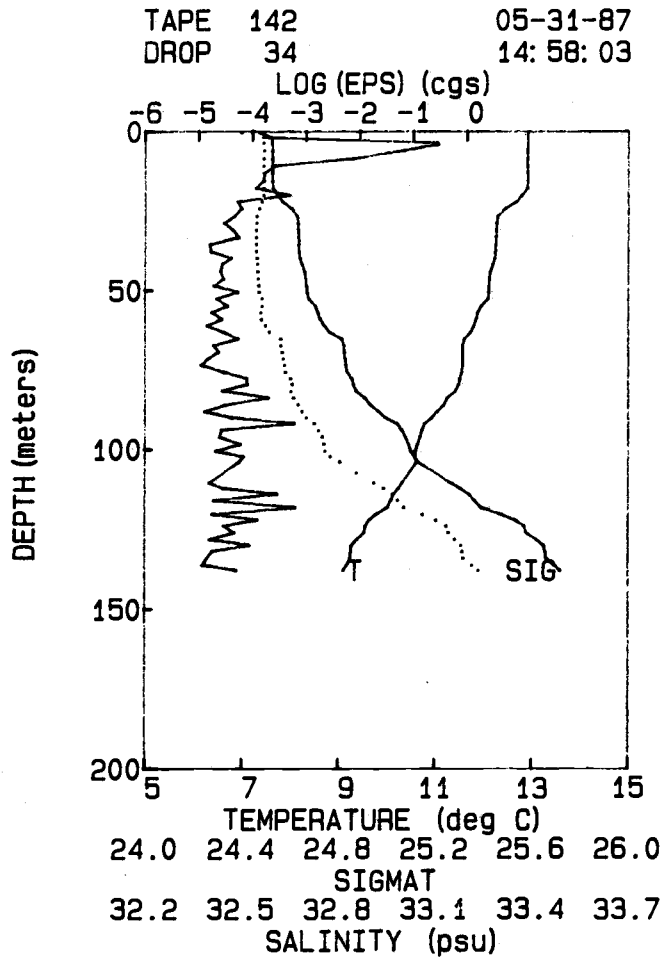
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
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05-31-87
14: 58: 03
LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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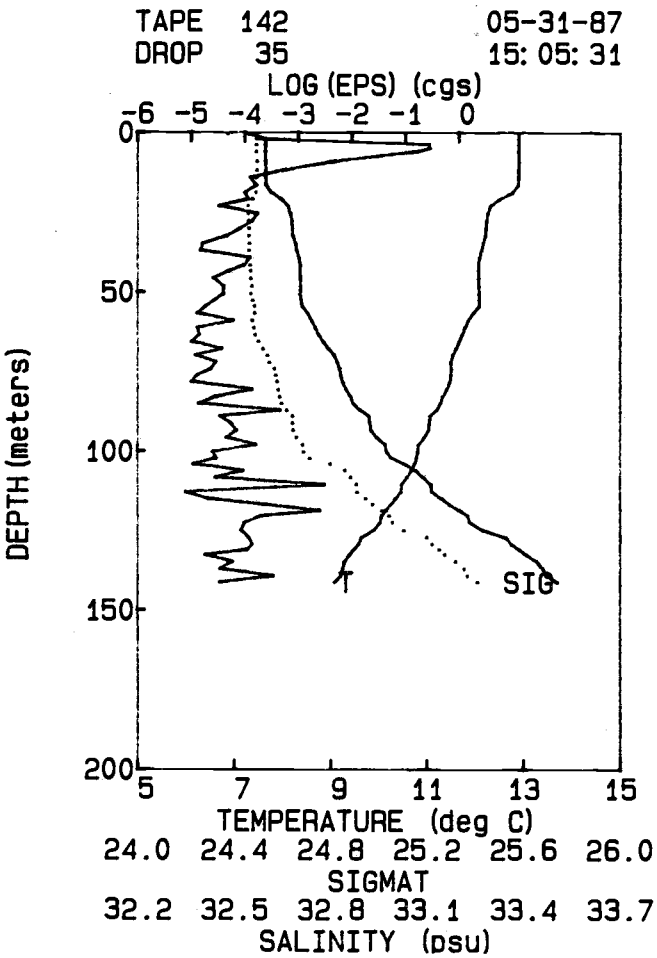
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
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05-31-87
15: 05: 31
LOG (EPS) (cgs)
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DEPTH (meters)
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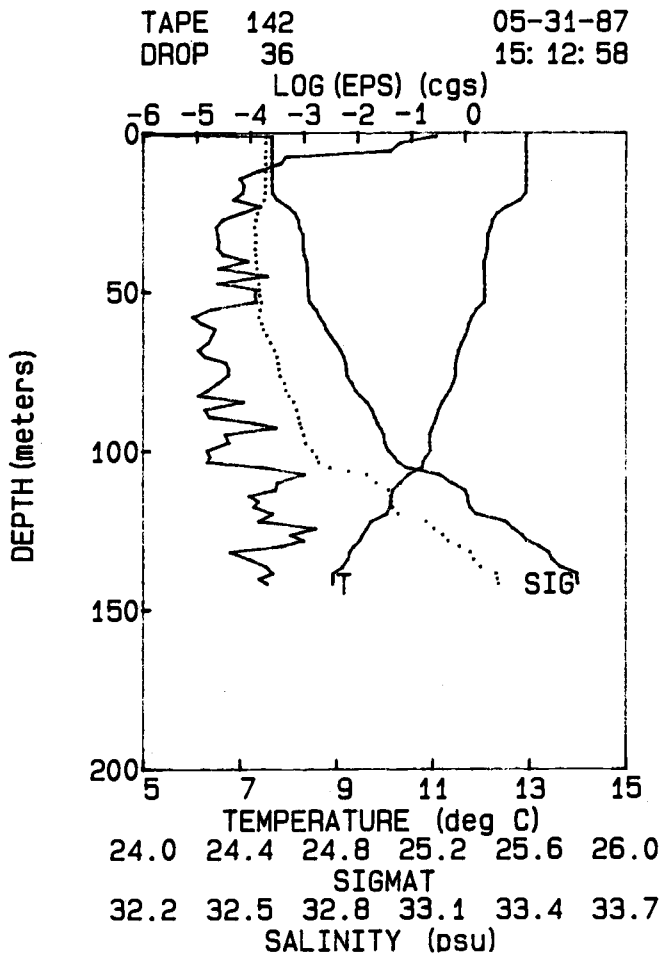
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
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05-31-87
15: 12: 58
LOG (EPS) (cgs)
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DEPTH (meters)
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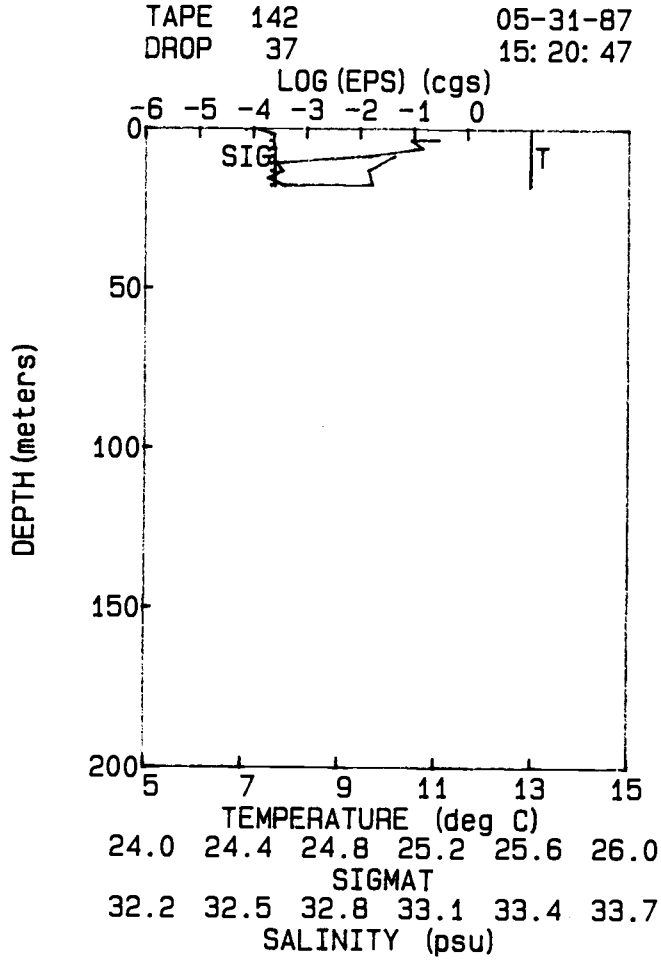
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 37
05-31-87
15: 20: 47
LOG (EPS) (cgs)
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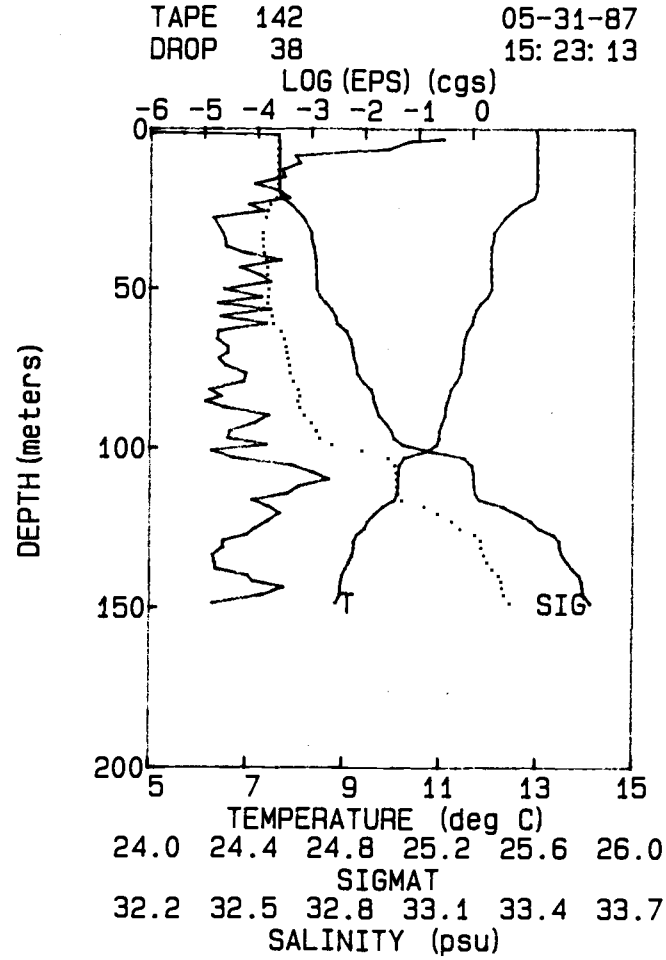
SIG
T
DEPTH (meters)
0
50
100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
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05-31-87
15: 23: 13
LOG (EPS) (cgs)
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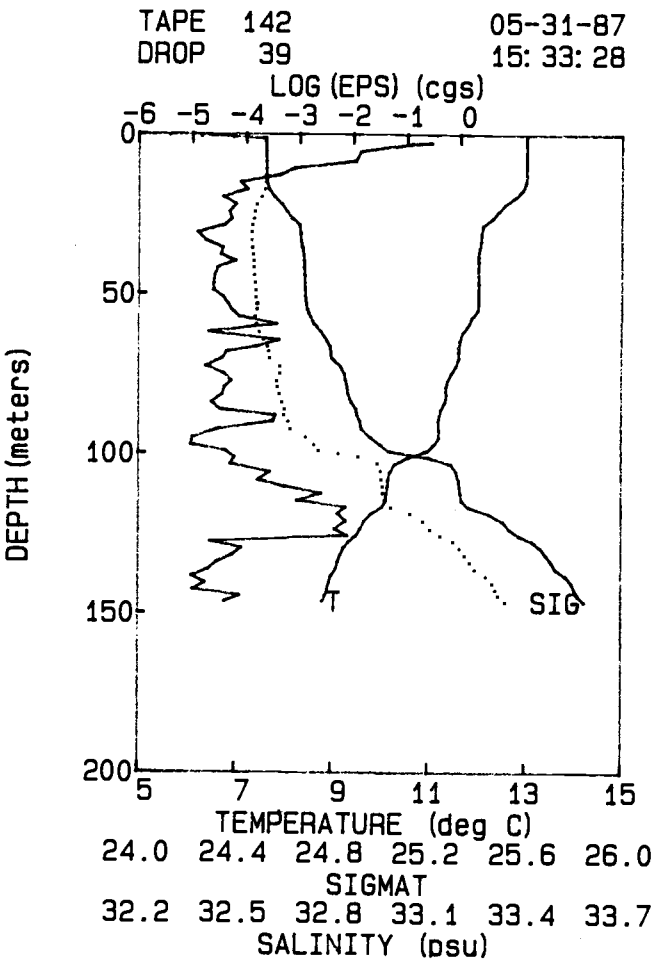
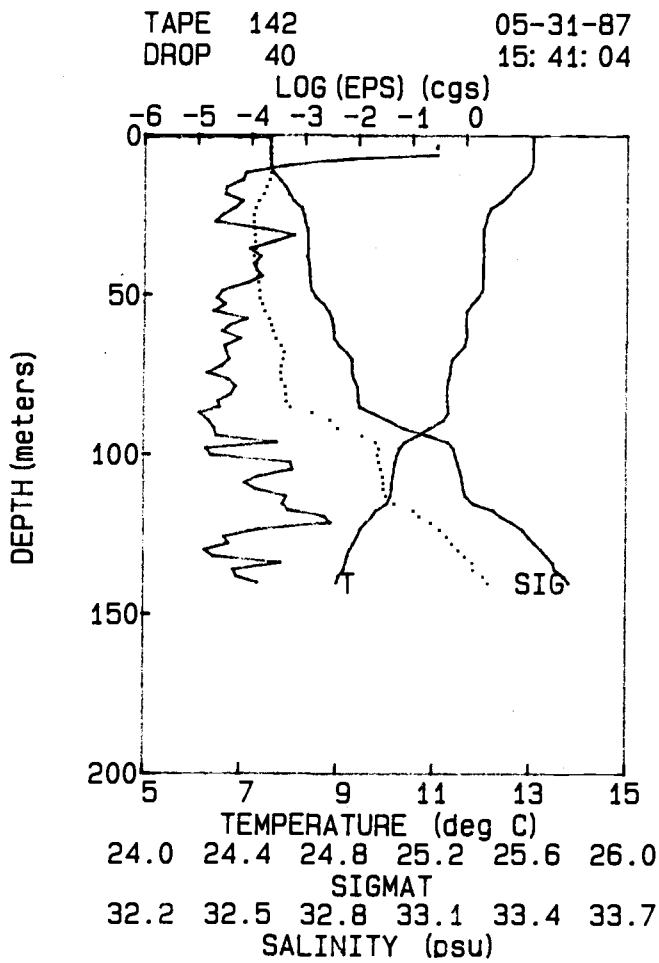
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 39
05-31-87
15: 33: 28
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 40
05-31-87
15: 41: 04
LOG (EPS) (cgs)
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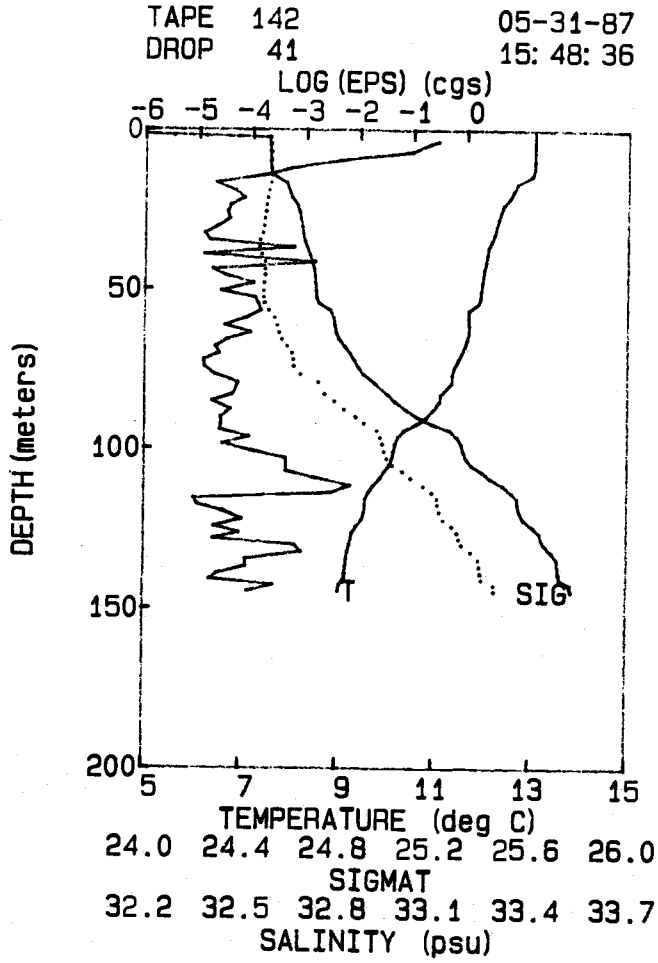
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 41
05-31-87
15: 48: 36
LOG (EPS) (cgs)
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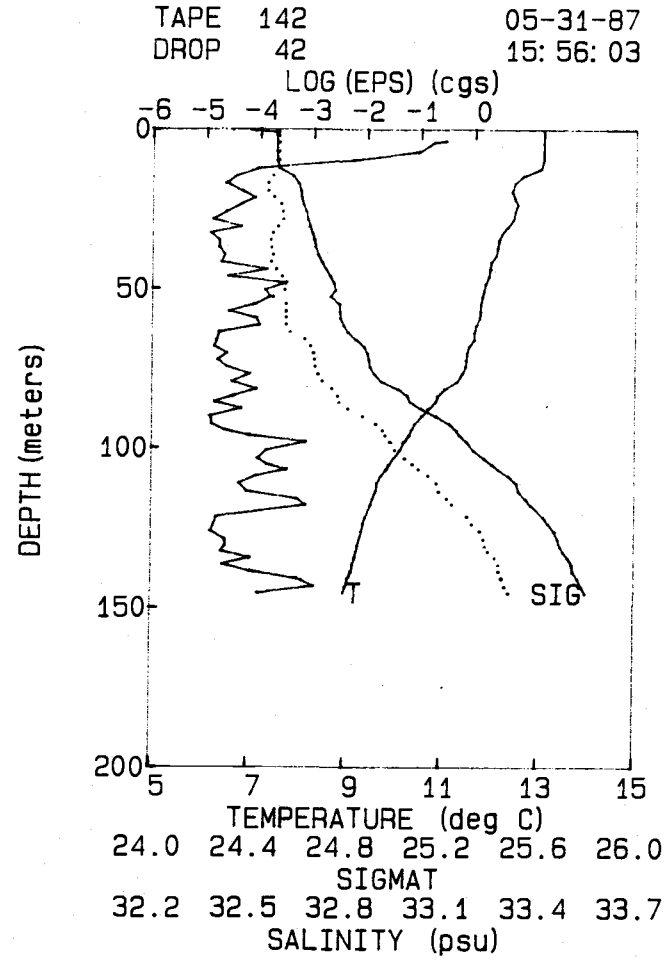
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 42
05-31-87
15: 56: 03
LOG (EPS) (cgs)
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DEPTH (meters)
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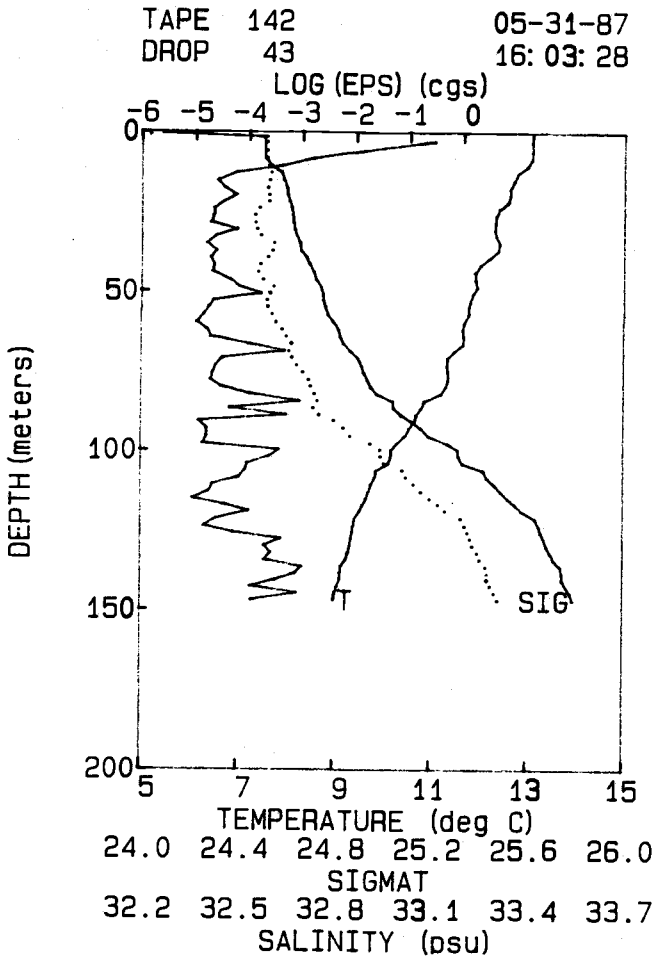
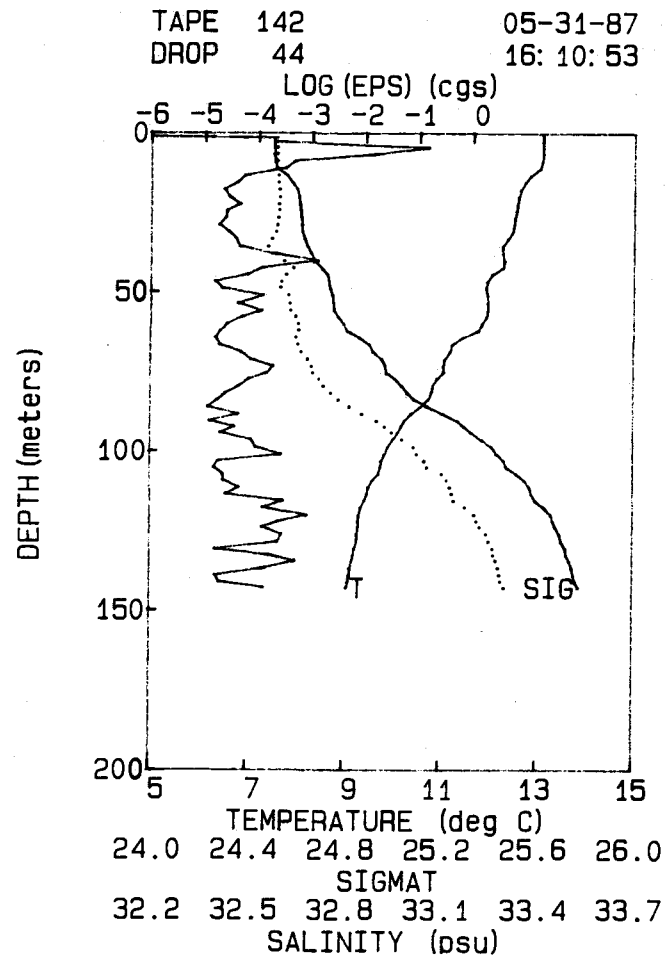
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 43
05-31-87
16: 03: 28
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DROP 44
05-31-87
16: 10: 53
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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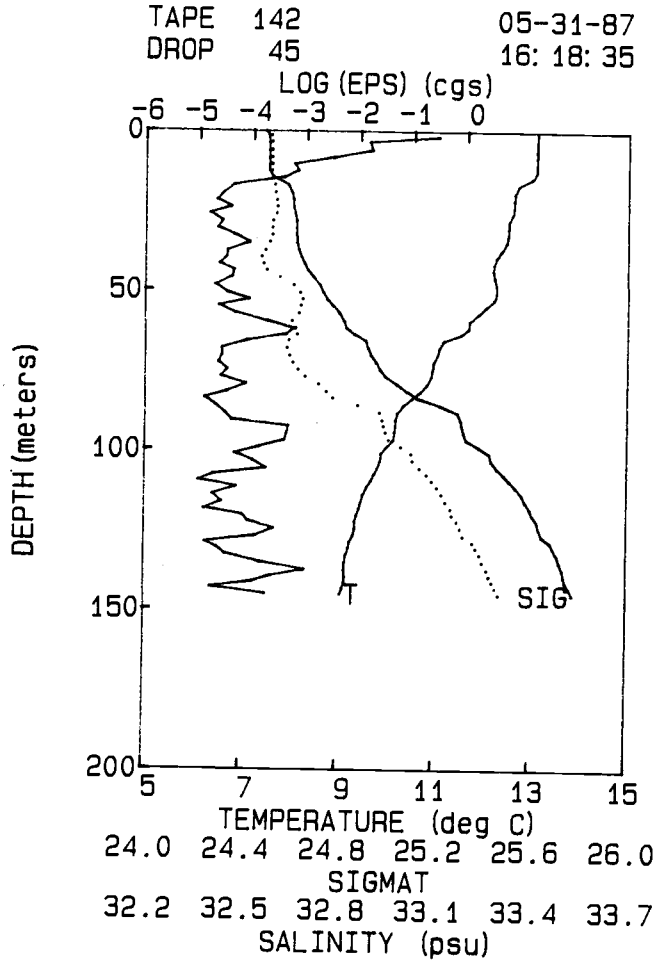
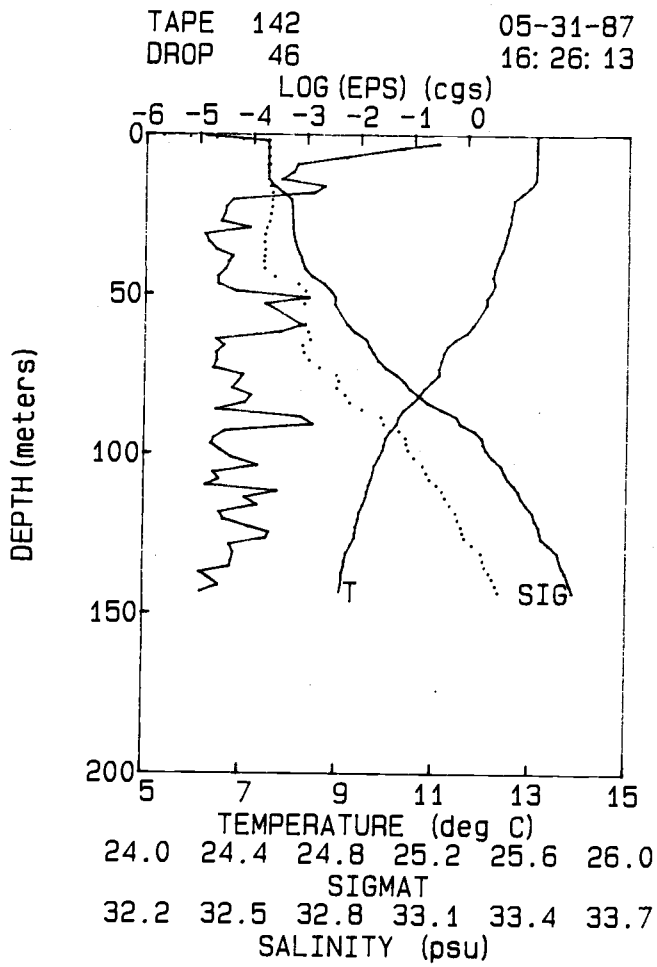
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 45
05-31-87
16: 18: 35
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 46
05-31-87
16: 26: 13
LOG (EPS) (cgs)
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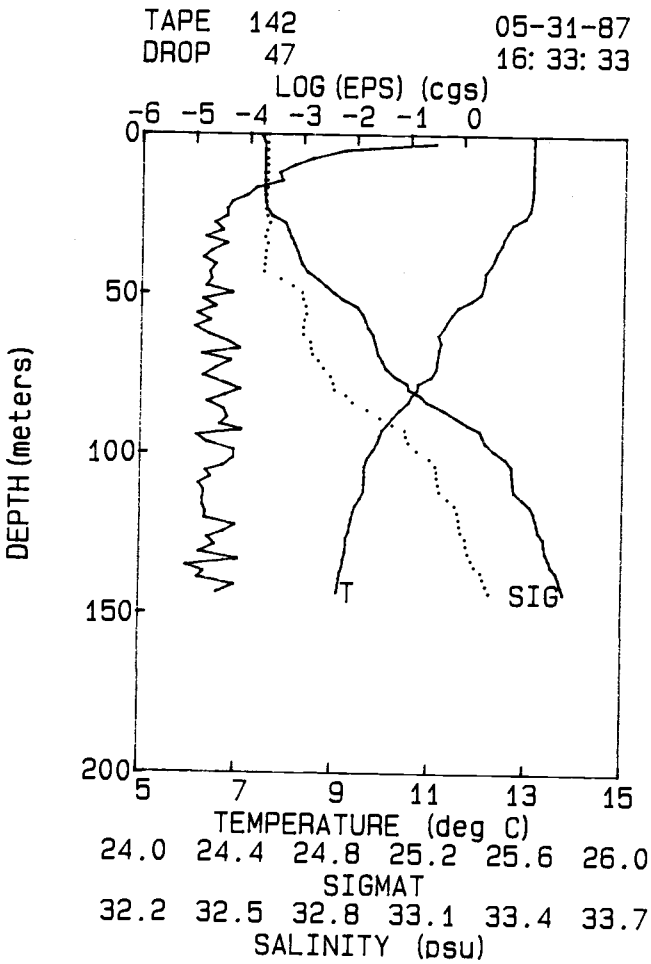
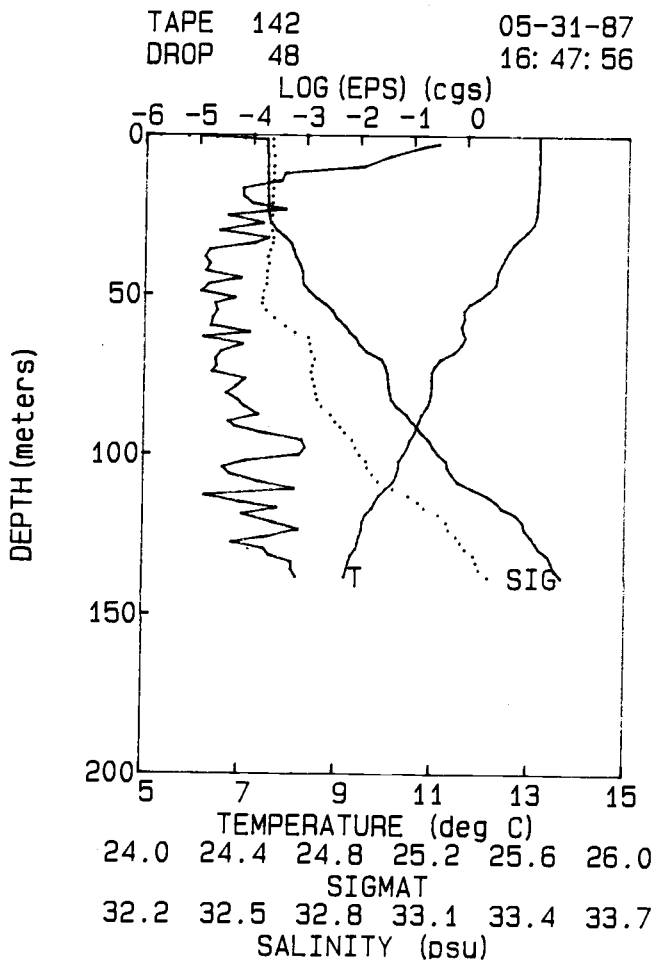
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 47
05-31-87
16: 33: 33
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 48
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16: 47: 56
LOG (EPS) (cgs)
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DEPTH (meters)
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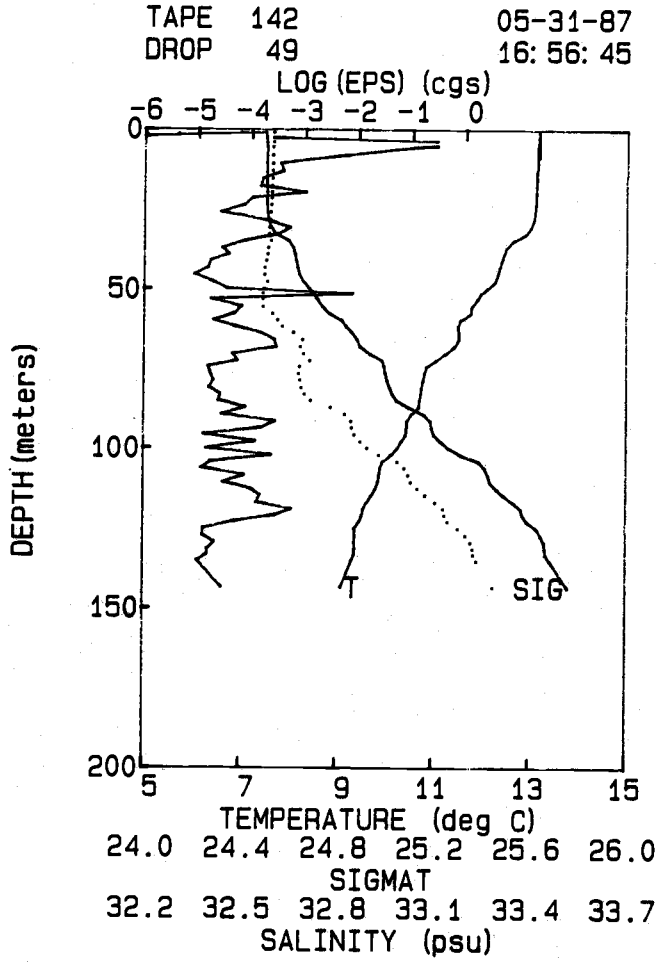
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 49
05-31-87
16: 56: 45
LOG (EPS) (cgs)
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DEPTH (meters)
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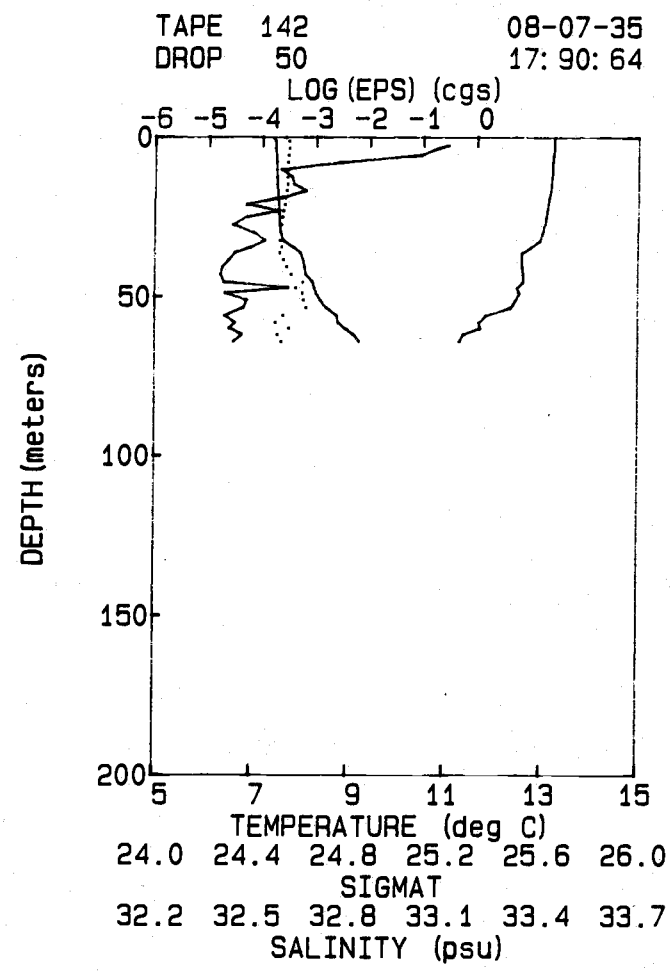
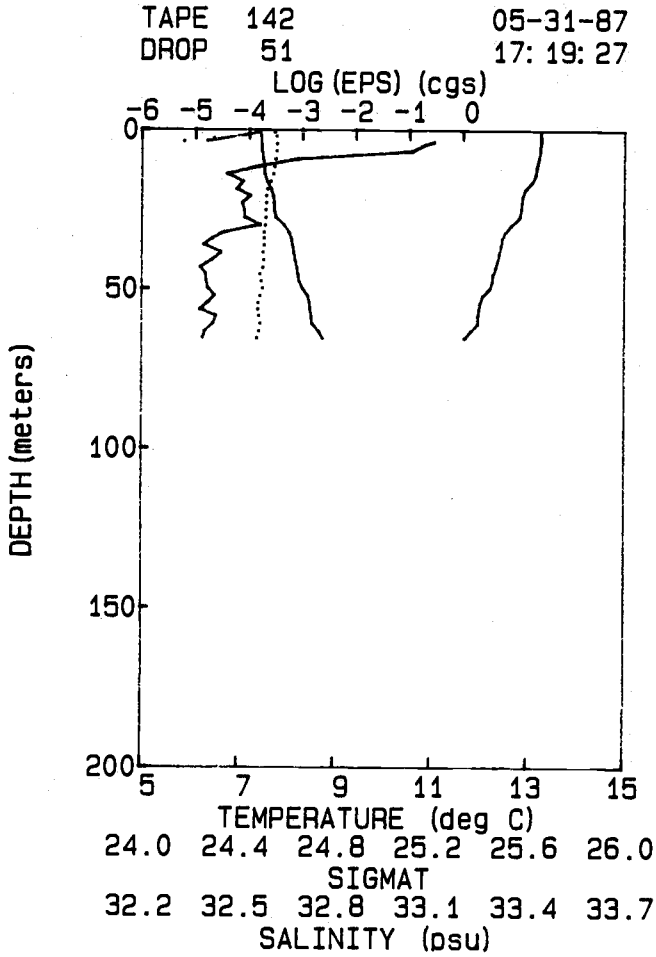
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 50
08-07-35
17: 90: 64
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 51
05-31-87
17: 19: 27
LOG (EPS) (cgs)
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DEPTH (meters)
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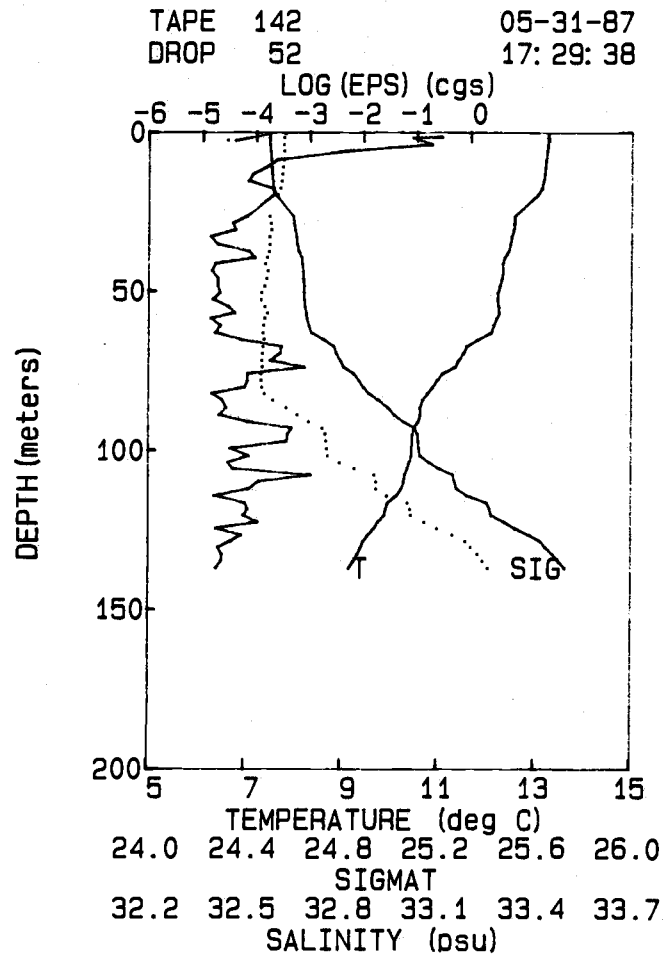
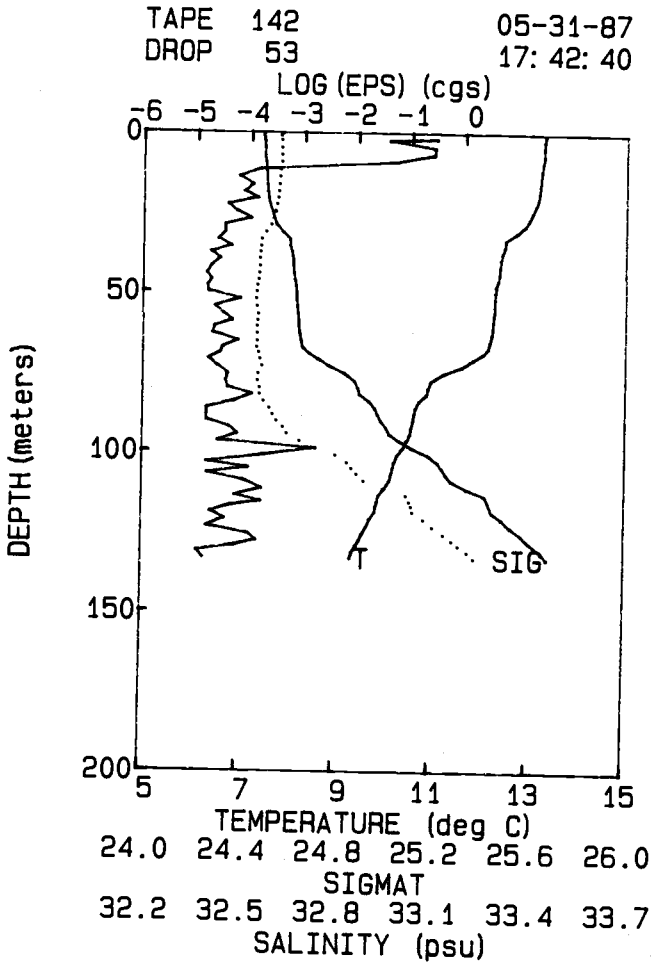
50
100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 52
05-31-87
17: 29: 38
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 53
05-31-87
17: 42: 40
LOG (EPS) (cgs)
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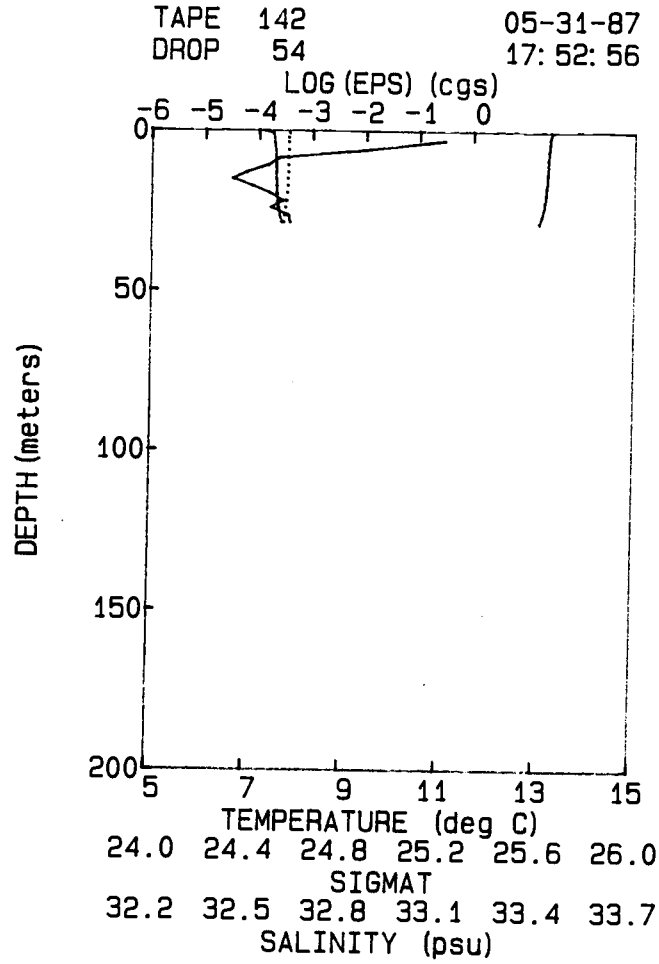
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 54
05-31-87
17: 52: 56
LOG (EPS) (cgs)
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DEPTH (meters)
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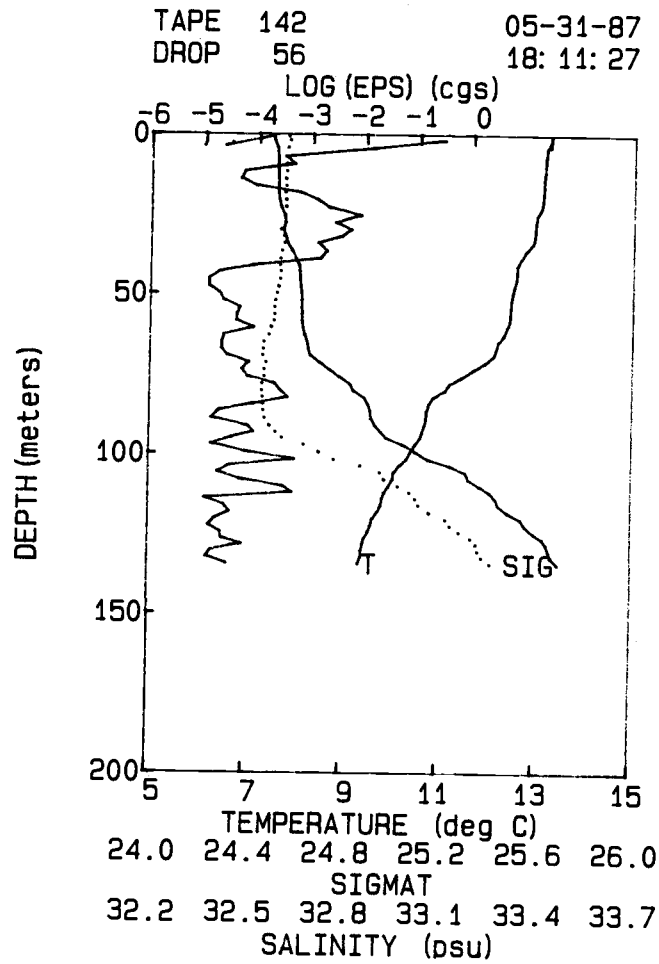
50
100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 142
DROP 56
05-31-87
18: 11: 27
LOG (EPS) (cgs)
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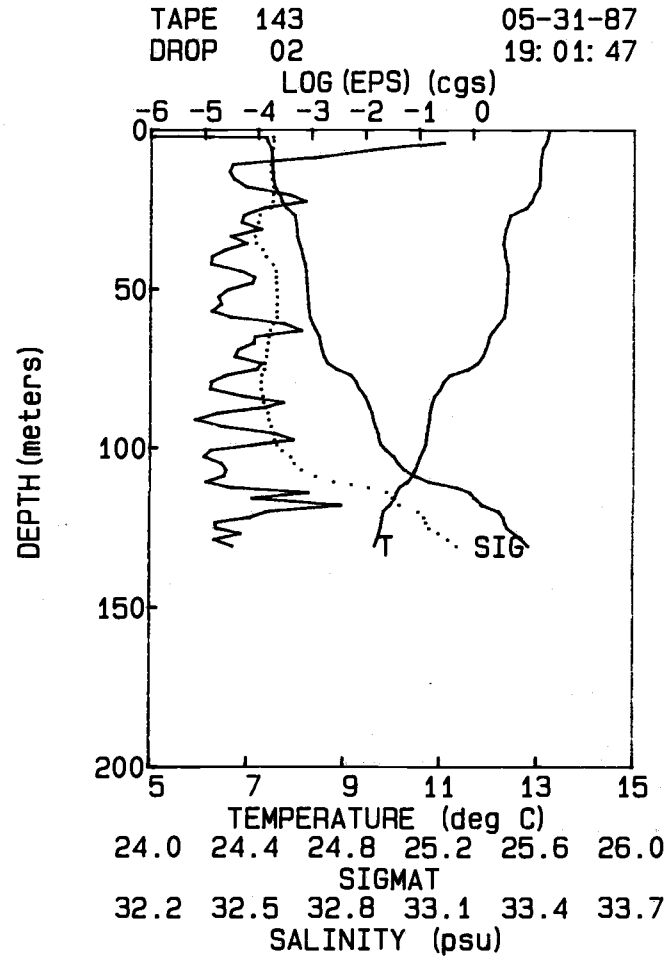
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 143
DROP 02
05-31-87
19: 01: 47
LOG (EPS) (cgs)
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DEPTH (meters)
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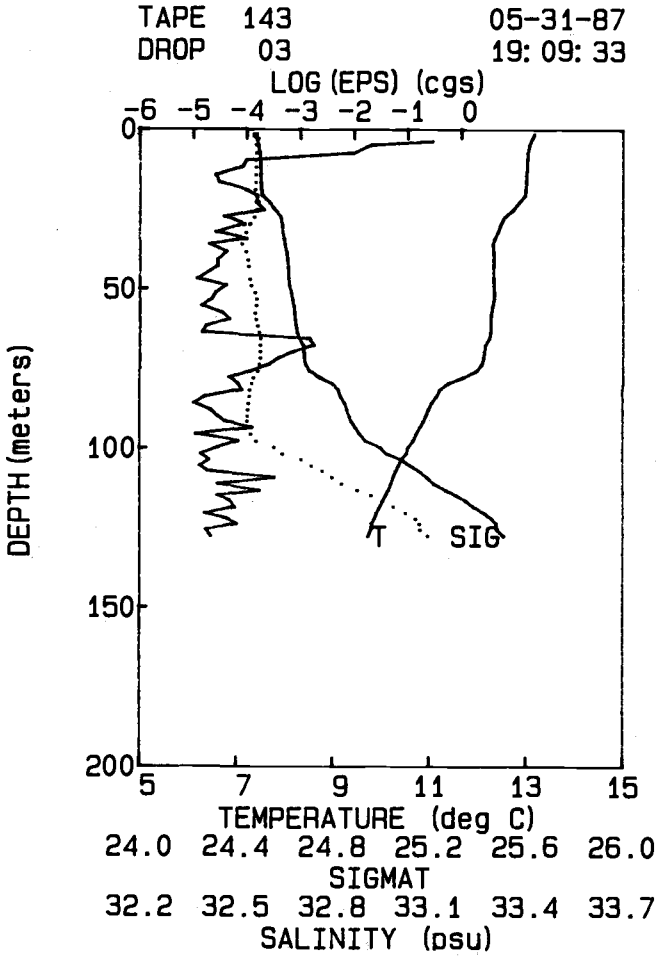
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 143
DROP 03
05-31-87
19: 09: 33
LOG (EPS) (cgs)
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DEPTH (meters)
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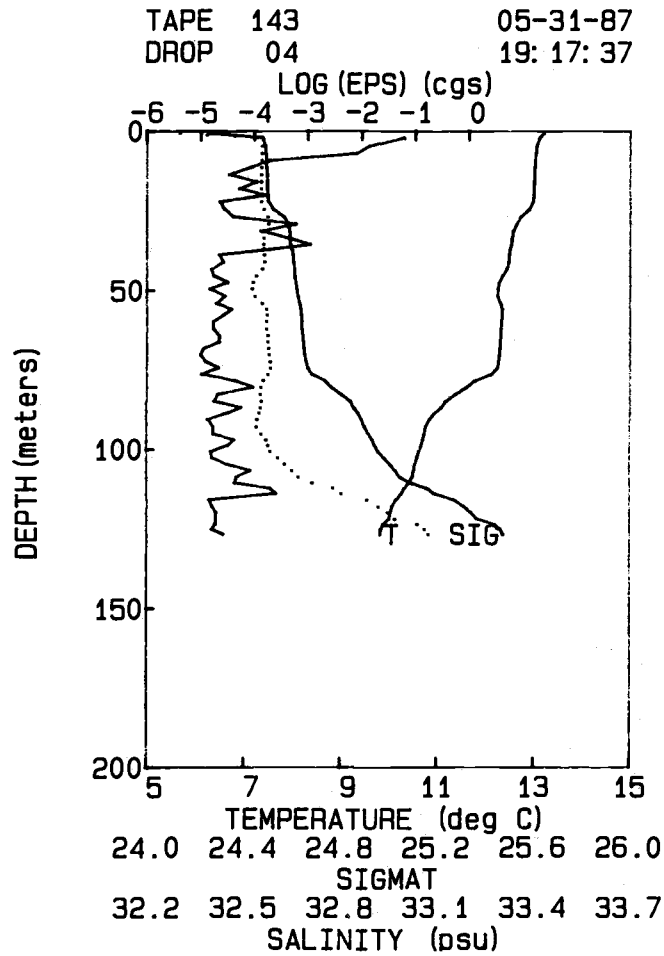
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 143
DROP 04
05-31-87
19: 17: 37
LOG (EPS) (cgs)
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DEPTH (meters)
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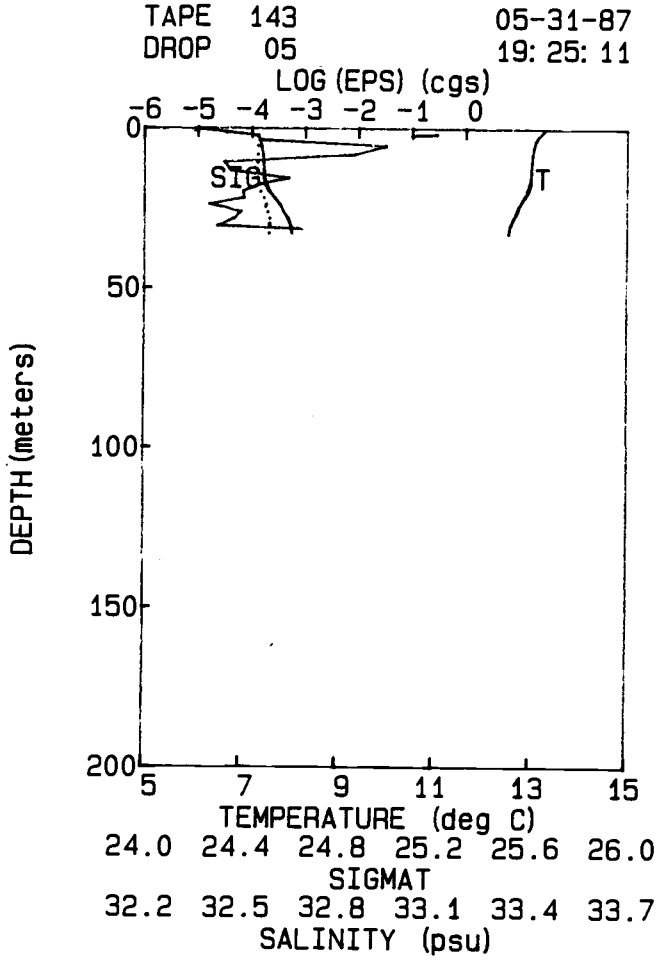
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 143
DROP 05
05-31-87
19: 25: 11
LOG (EPS) (cgs)
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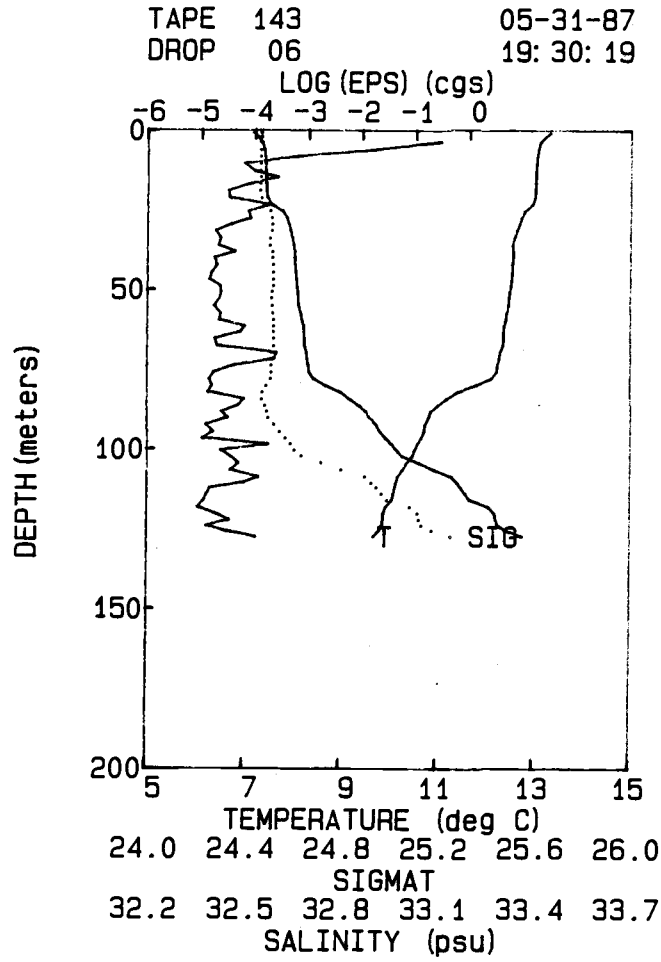
SIG
T
DEPTH (meters)
0
50
100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 143
DROP 06
05-31-87
19: 30: 19
LOG (EPS) (cgs)
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T
SIG
DEPTH (meters)
0
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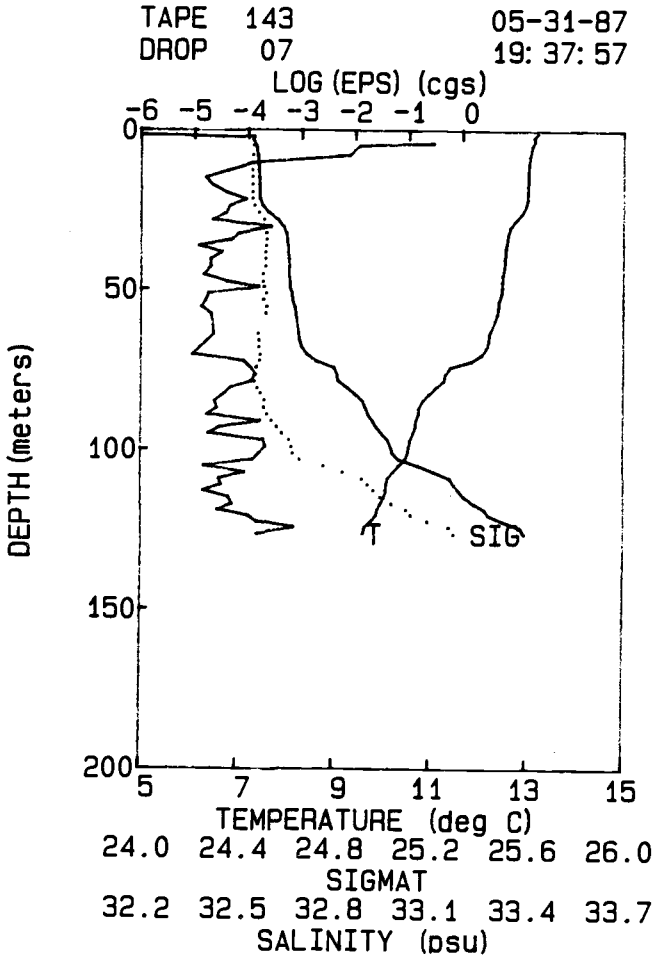
100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 143
DROP 07
05-31-87
19: 37: 57
LOG (EPS) (cgs)
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T
SIG
DEPTH (meters)
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100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
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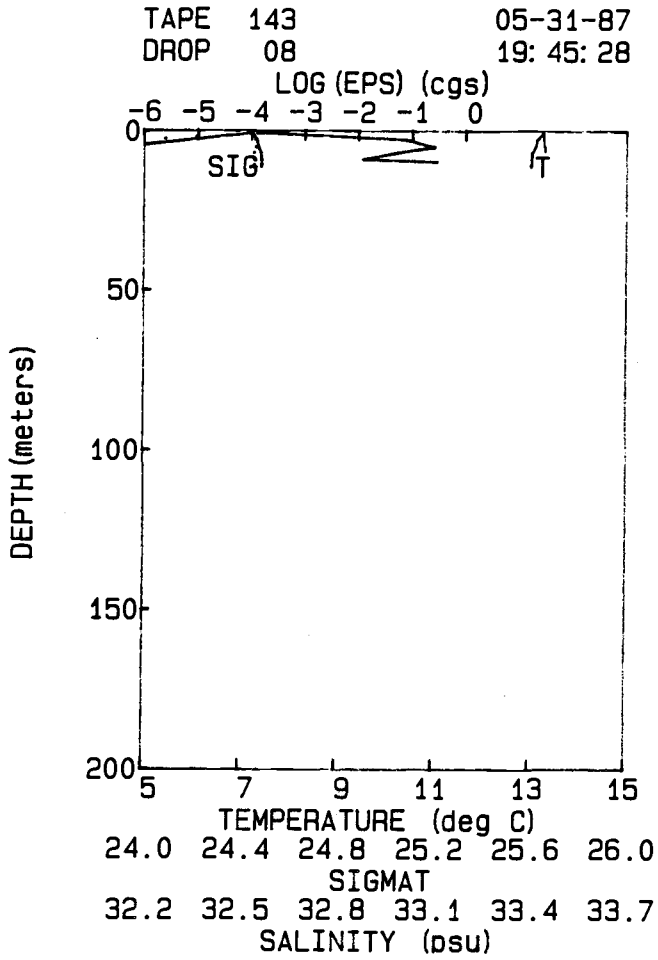
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 143
DROP 08
05-31-87
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LOG (EPS) (cgs)
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SIG
T
DEPTH (meters)
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50
100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
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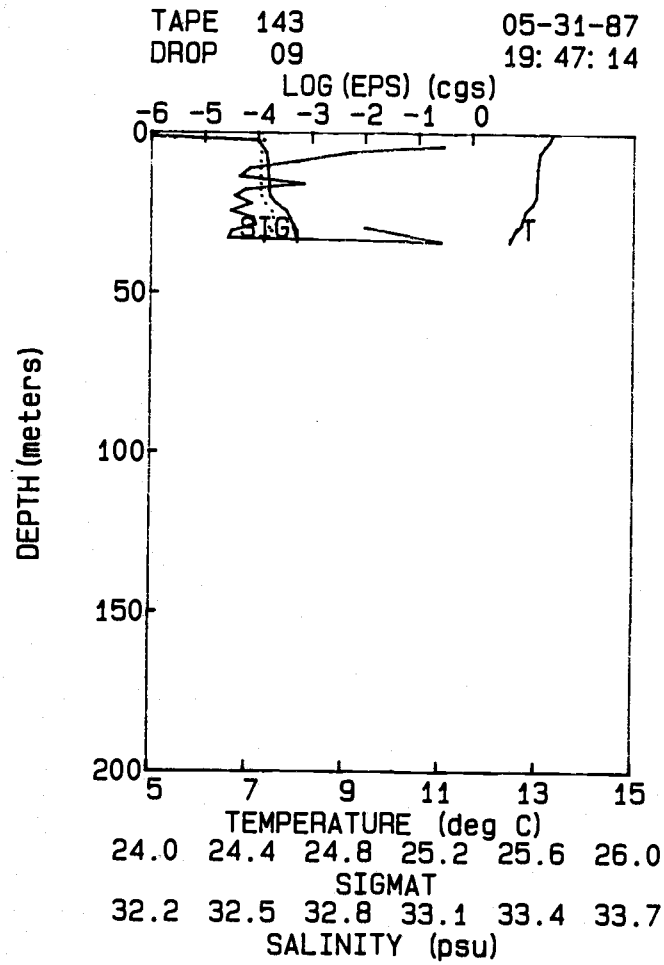
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 143
DROP 09
05-31-87
19: 47: 14
LOG (EPS) (cgs)
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SIG
T
DEPTH (meters)
0
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100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
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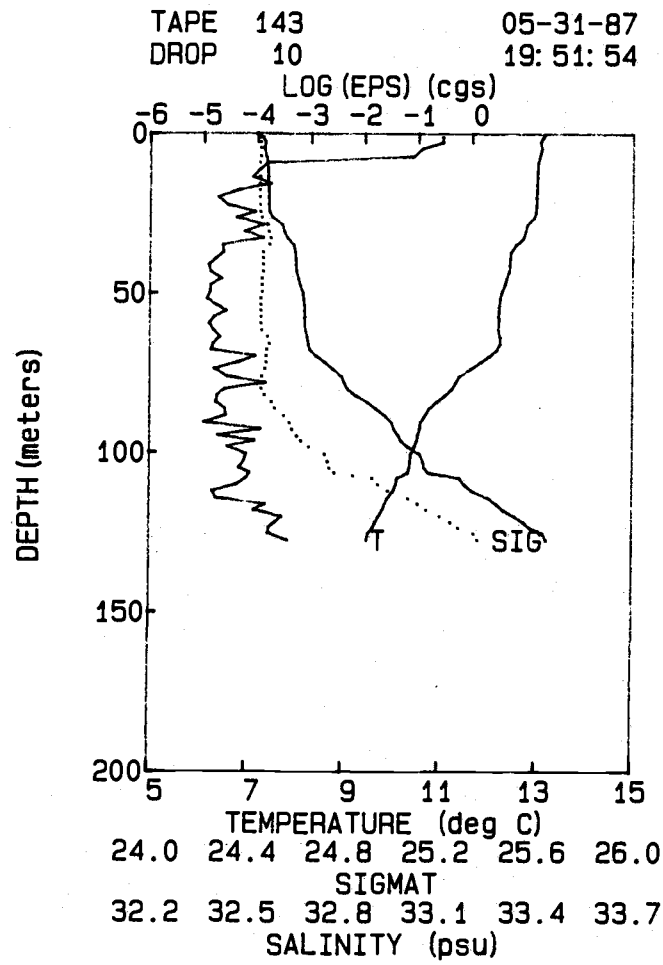
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 143
DROP 10
05-31-87
19: 51: 54
LOG (EPS) (cgs)
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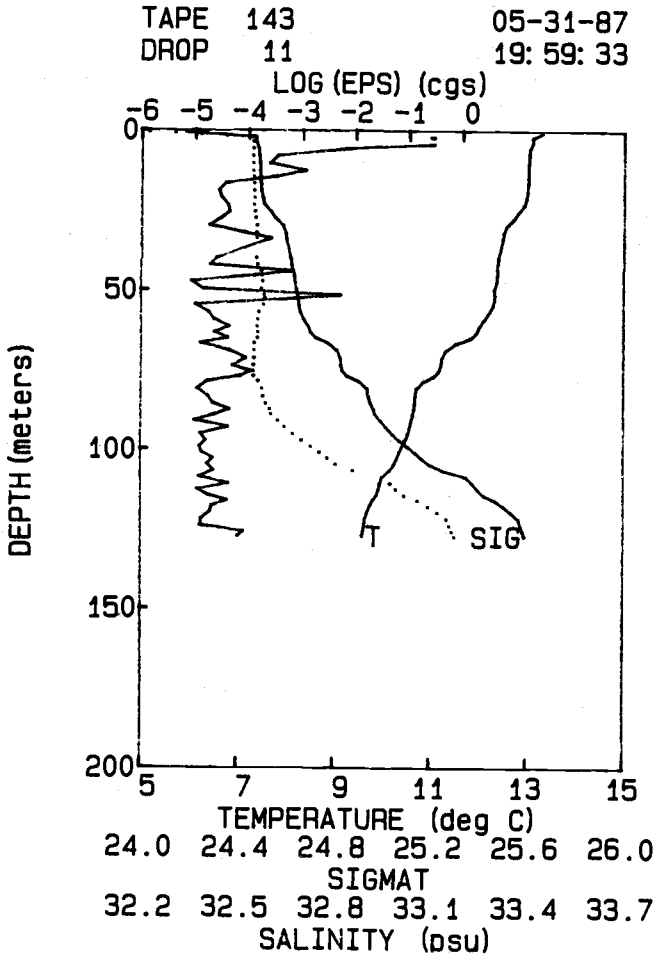
T
SIG
DEPTH (meters)
0
50
100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 143
DROP 11
05-31-87
19: 59: 33
LOG (EPS) (cgs)
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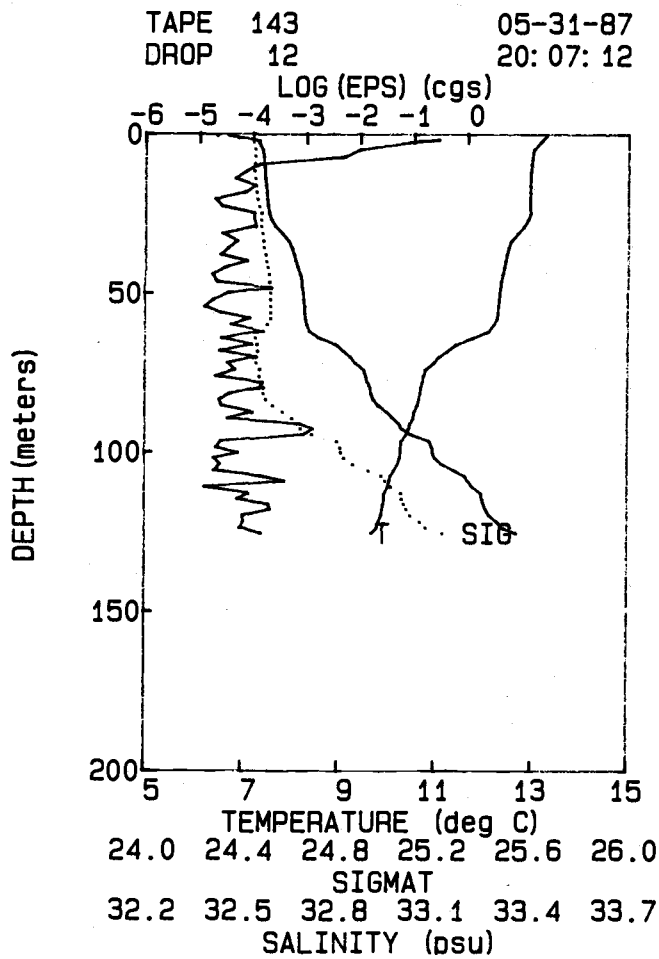
T
SIG
DEPTH (meters)
0
50
100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 143
DROP 12
05-31-87
20: 07: 12
LOG (EPS) (cgs)
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T
SIG
DEPTH (meters)
0
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100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
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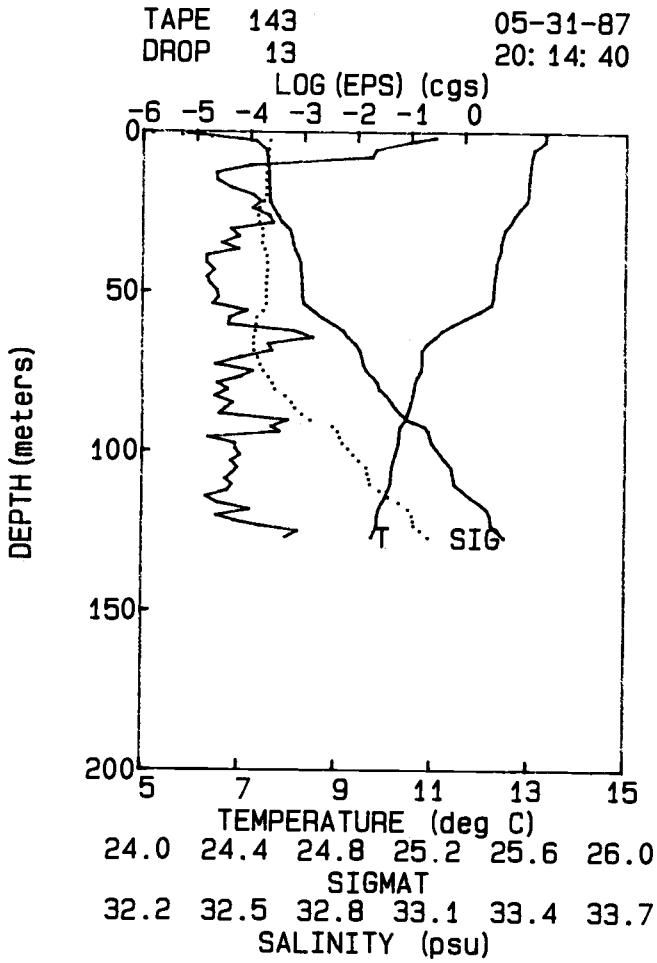
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 143
DROP 13
05-31-87
20: 14: 40
LOG (EPS) (cgs)
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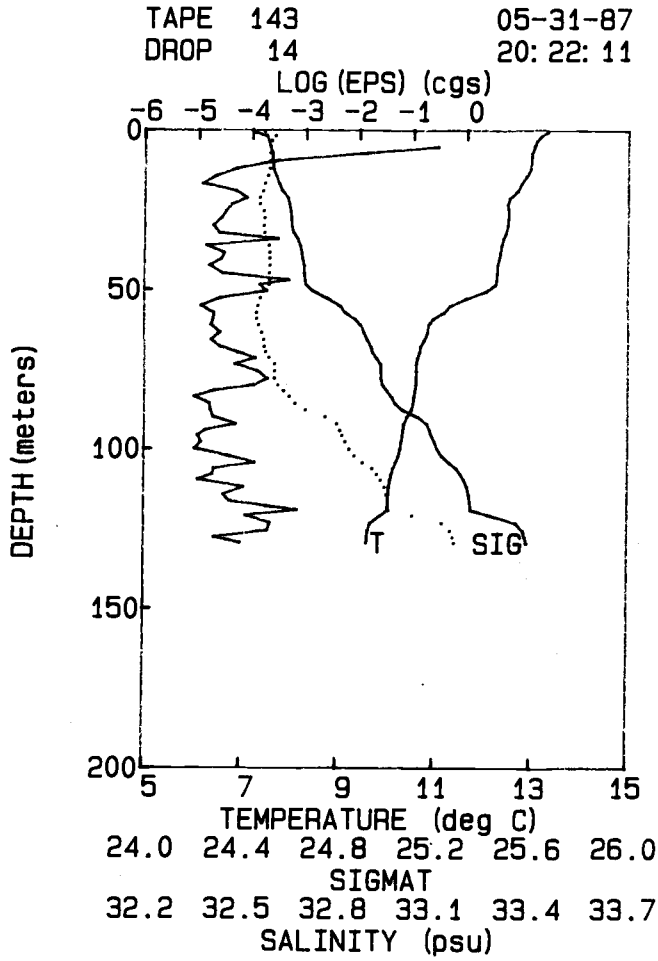
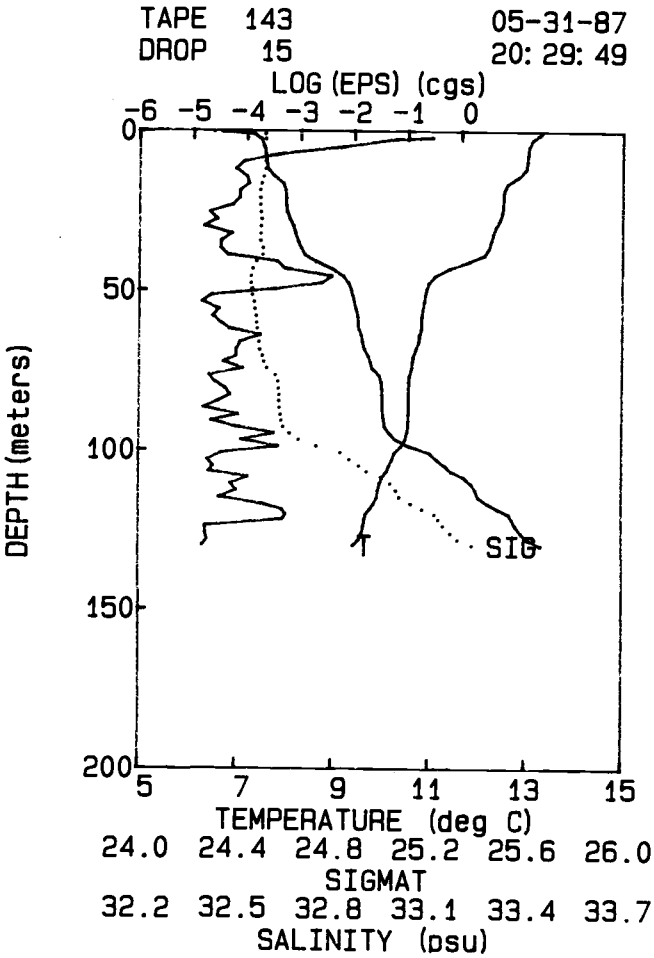
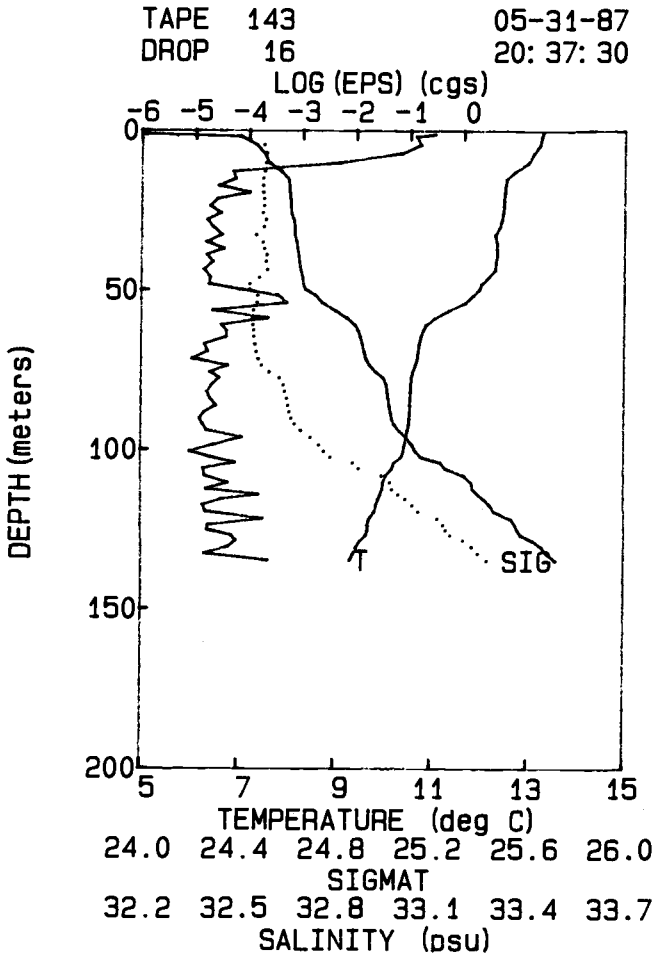
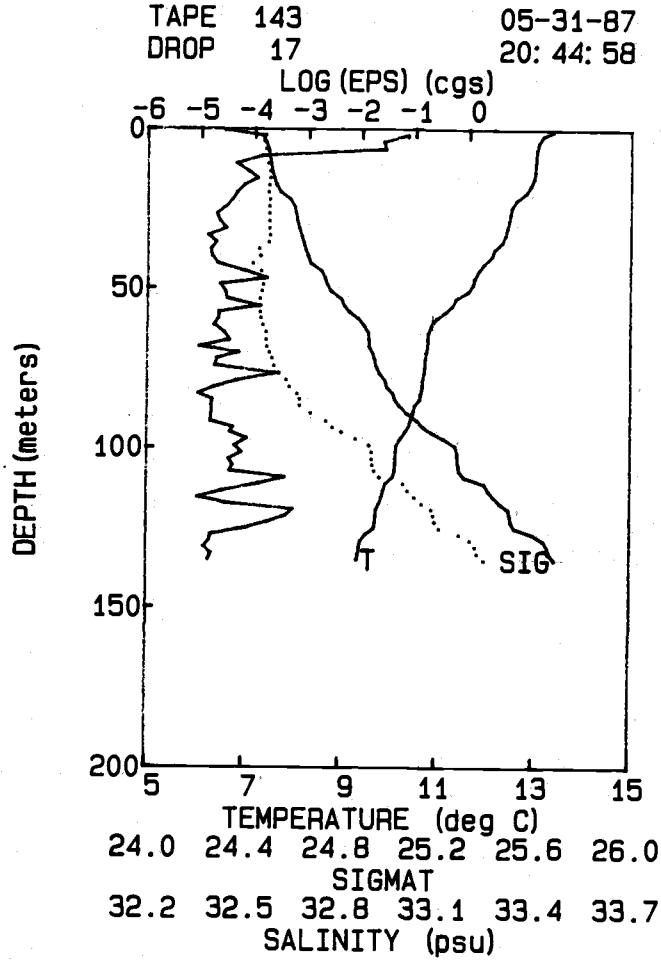
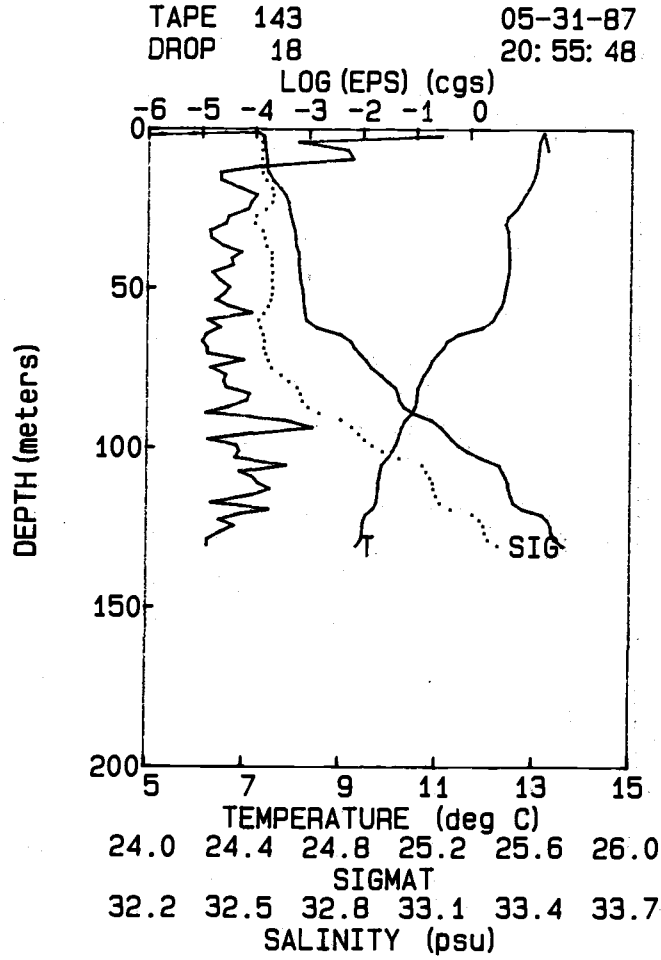
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

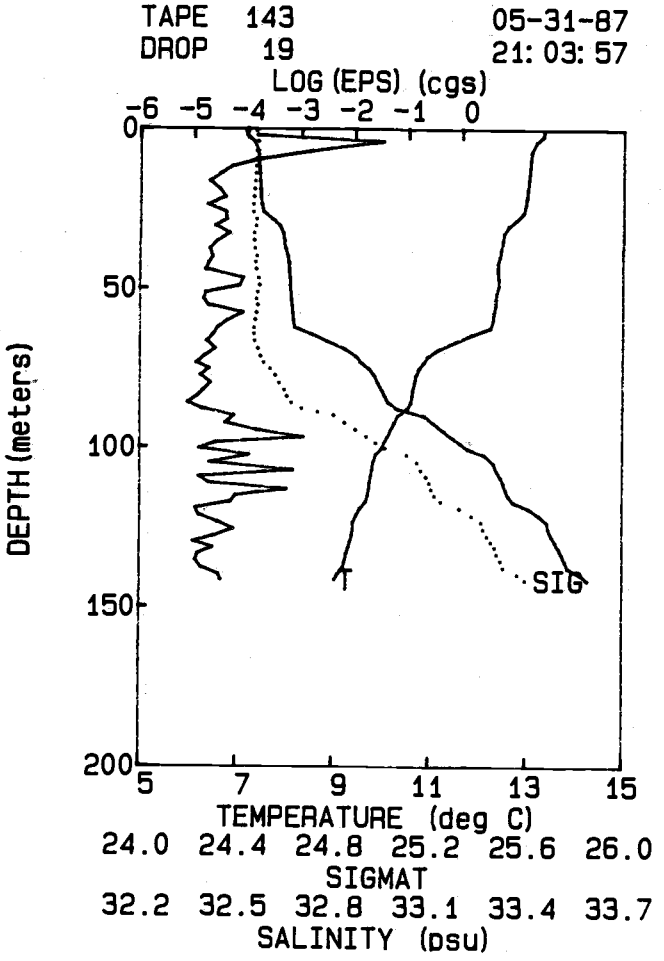

TAPE 143
DROP 14
05-31-87
20: 22: 11
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

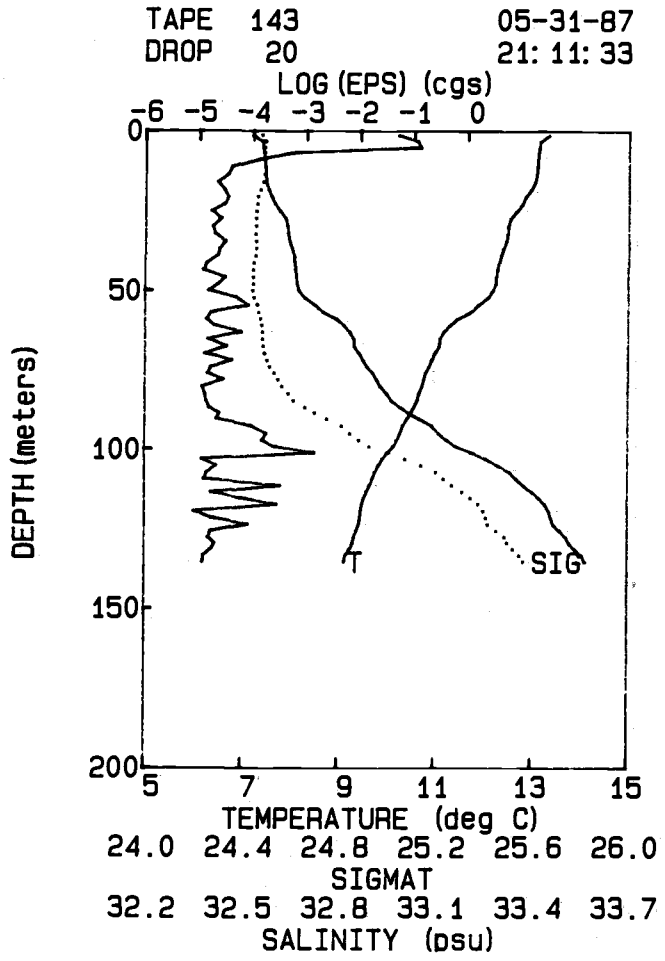

TAPE 143
DROP 15
05-31-87
20: 29: 49
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

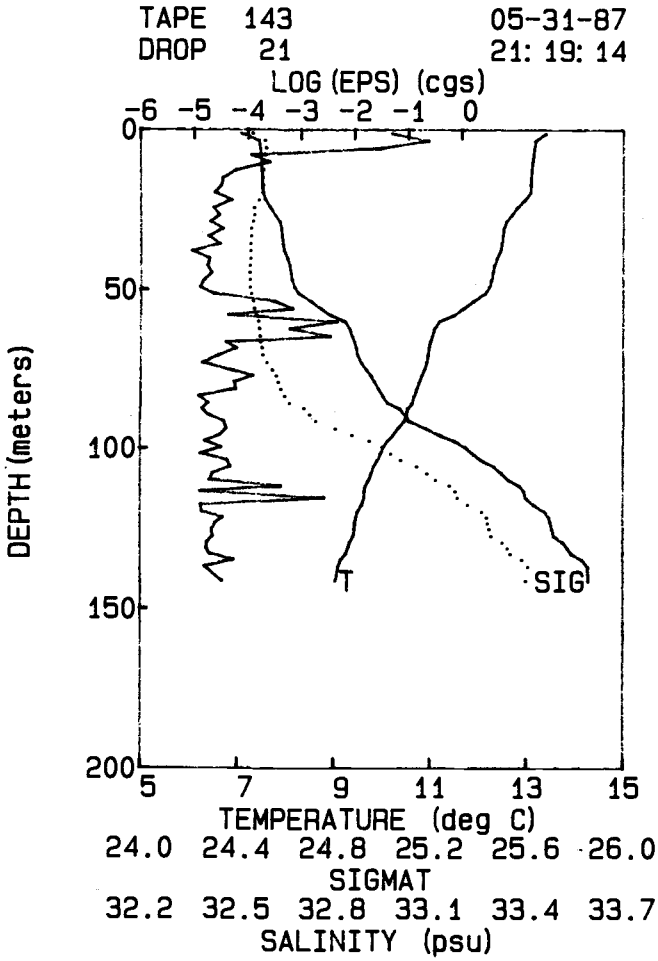

TAPE 143
DROP 16
05-31-87
20: 37: 30
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

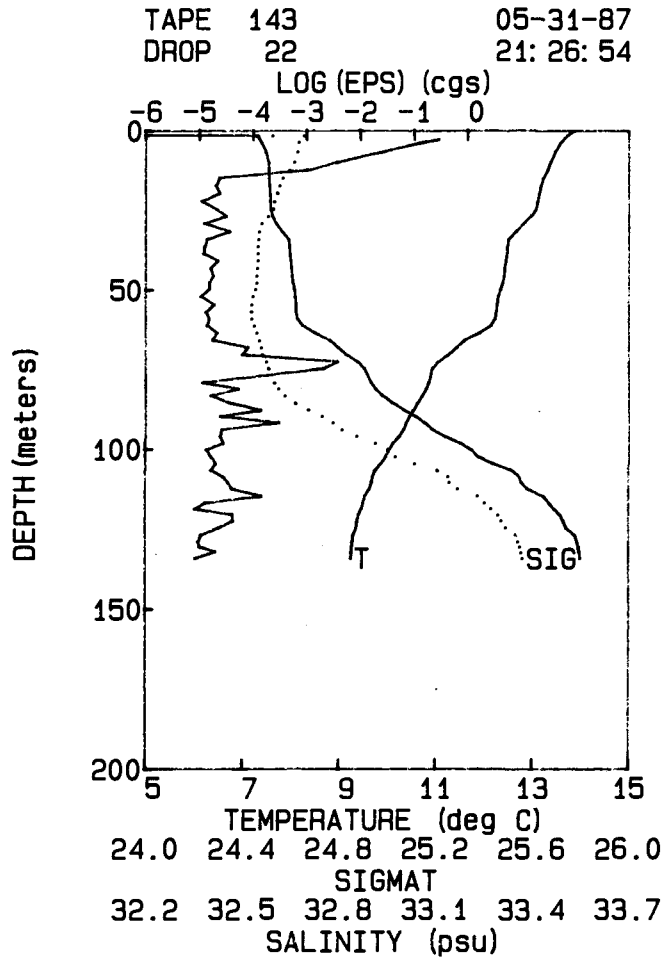

TAPE 143
DROP 17
05-31-87
20: 44: 58
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

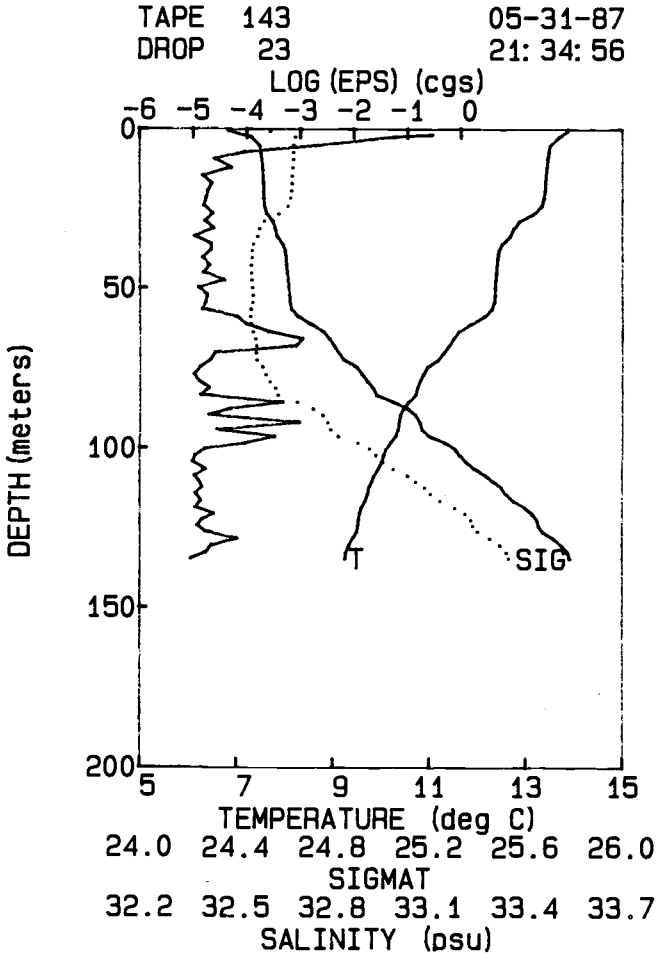

TAPE 143
DROP 18
05-31-87
20: 55: 48
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

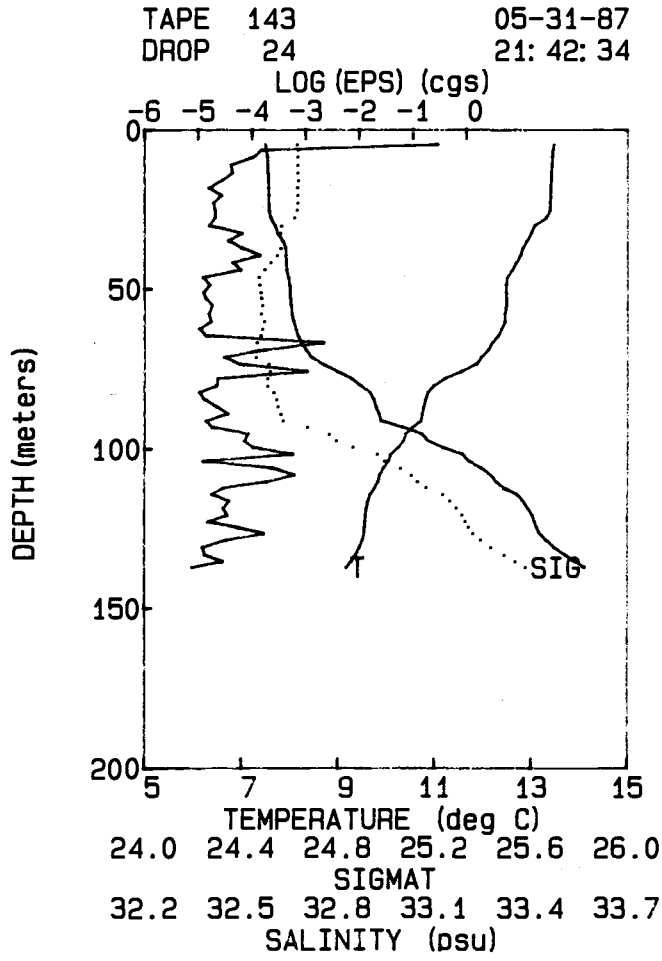

TAPE 143
DROP 19
05-31-87
21: 03: 57
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

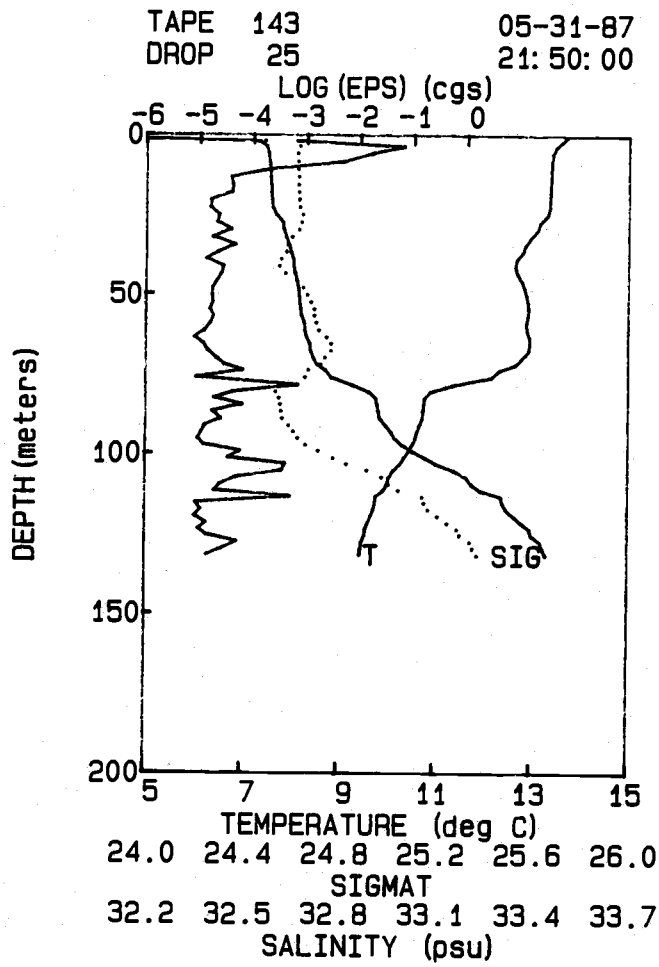

TAPE 143
DROP 20
05-31-87
21: 11: 33
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

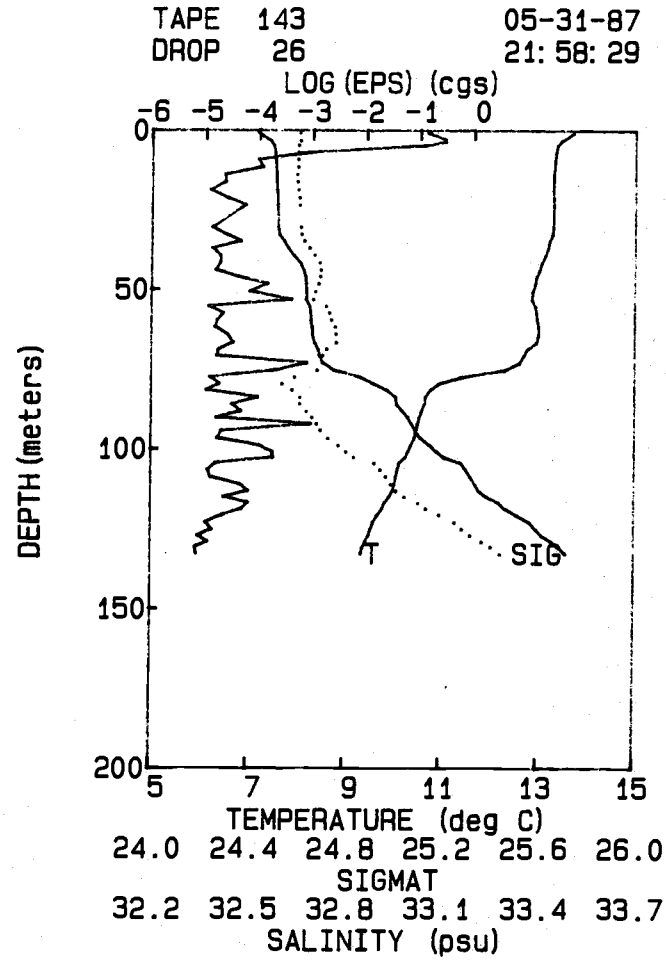

TAPE 143
DROP 21
05-31-87
21: 19: 14
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

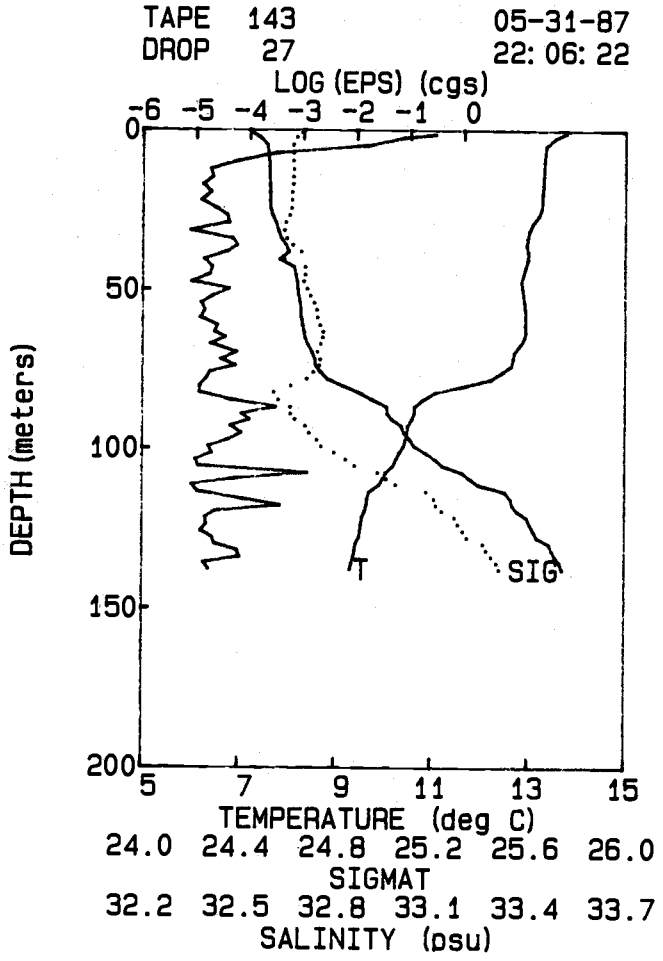

TAPE 143
DROP 22
05-31-87
21: 26: 54
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

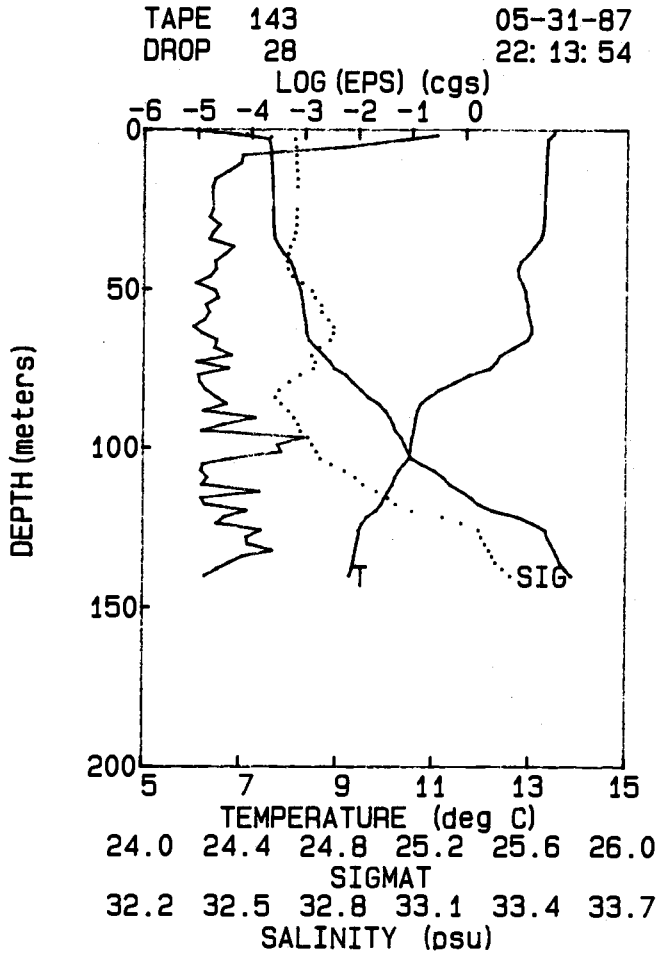

TAPE 143
DROP 23
05-31-87
21: 34: 56
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

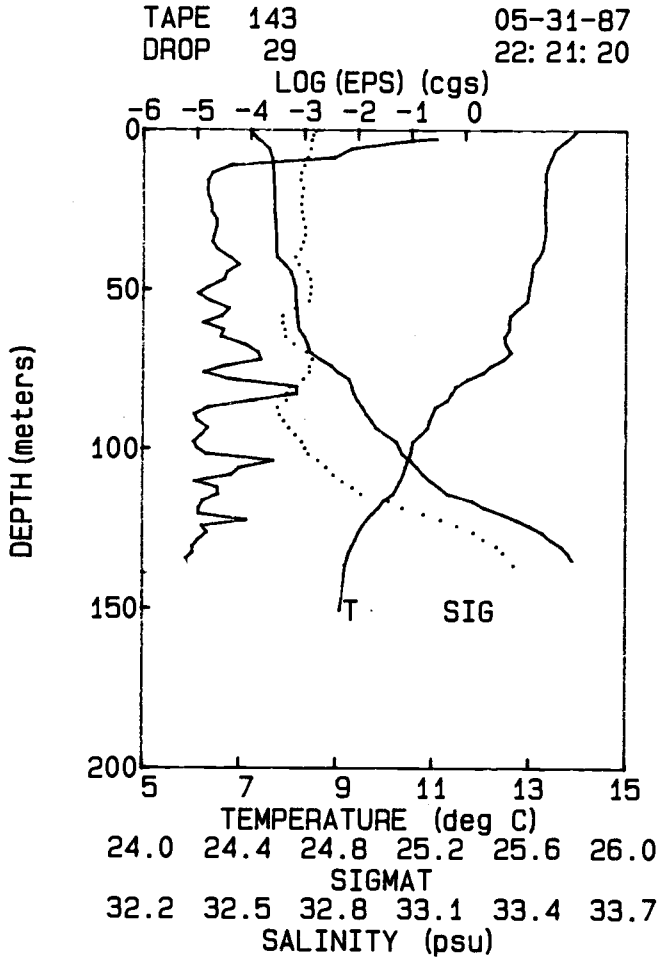

TAPE 143
DROP 24
05-31-87
21: 42: 34
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

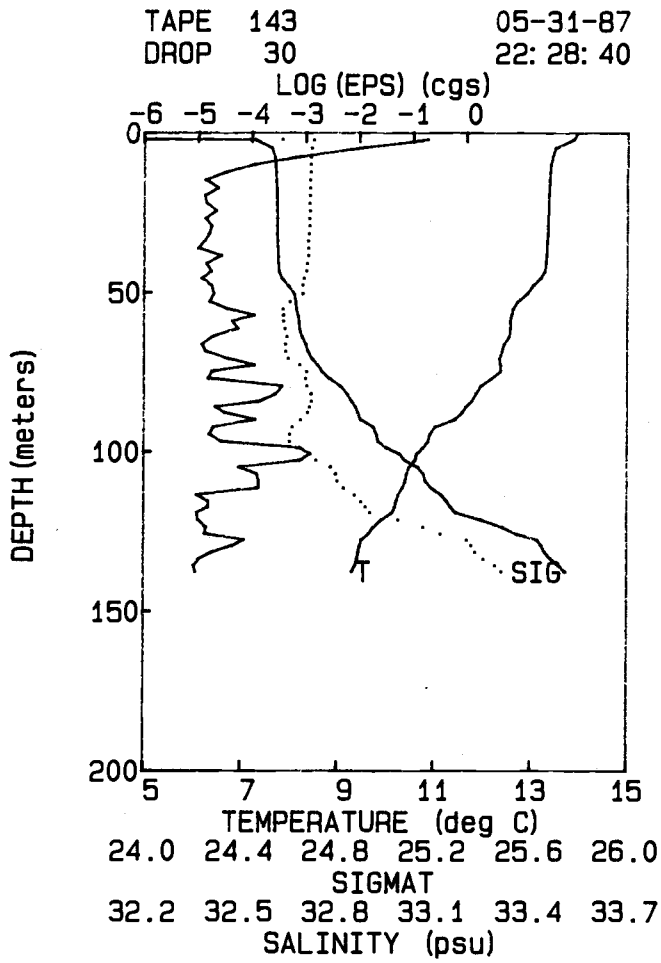

TAPE 143
DROP 25
05-31-87
21: 50: 00
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

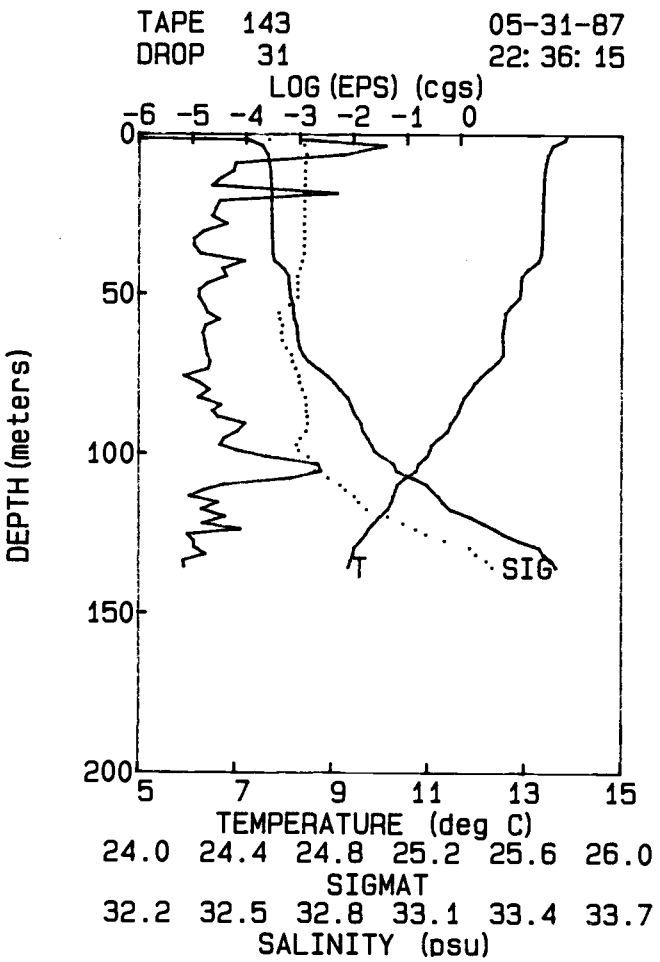

TAPE 143
DROP 26
05-31-87
21: 58: 29
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

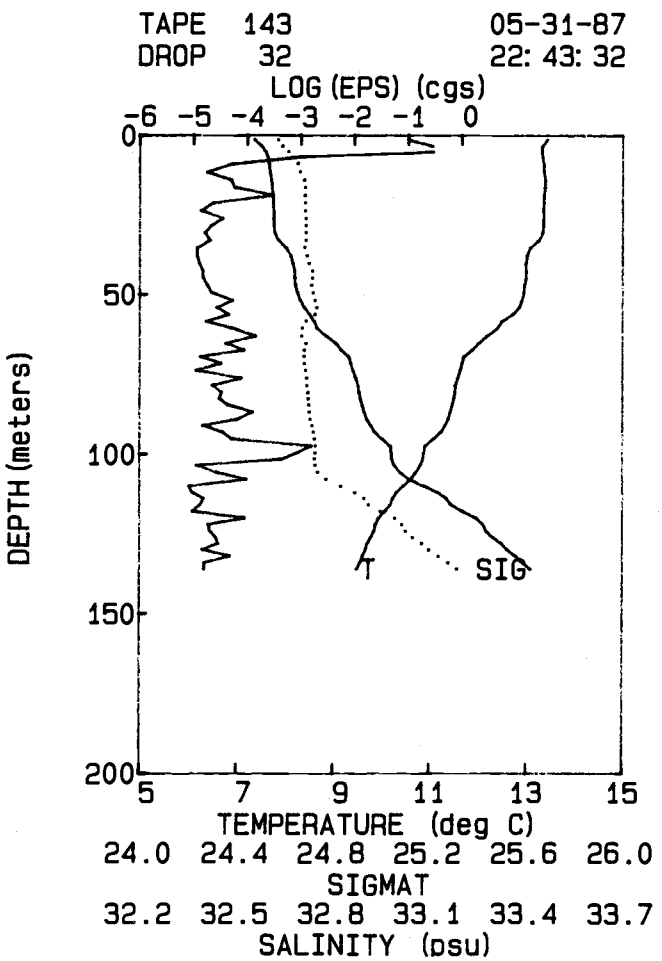

TAPE 143
DROP 27
05-31-87
22: 06: 22
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

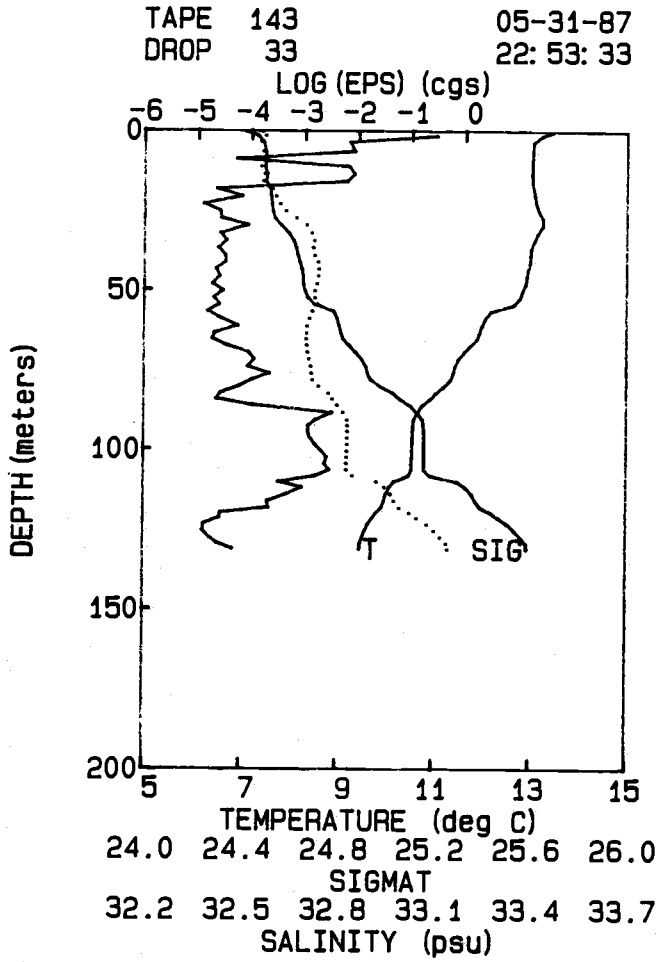

TAPE 143
DROP 28
05-31-87
22: 13: 54
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

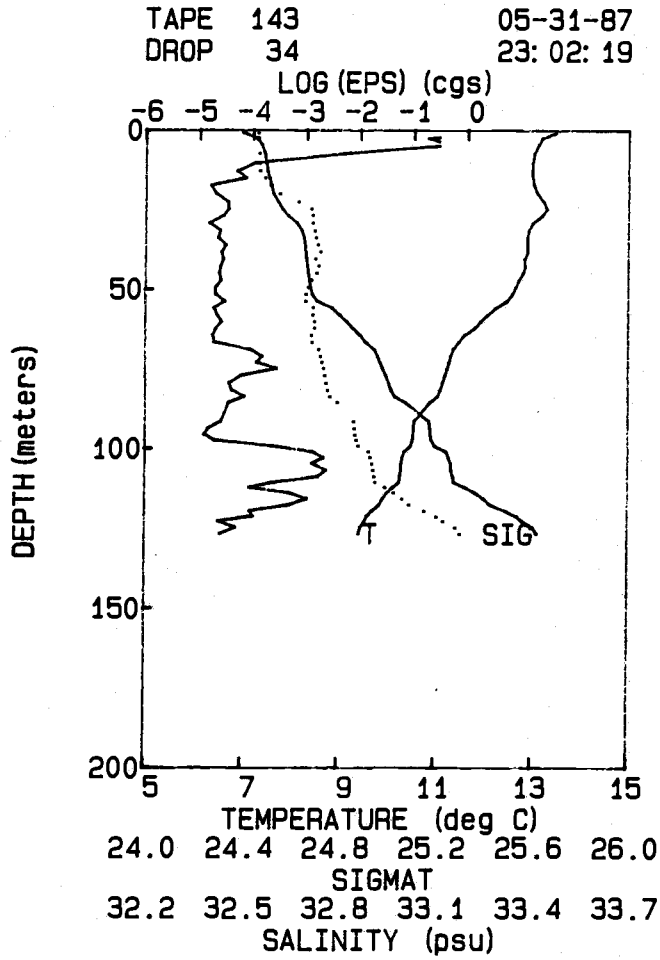

TAPE 143
DROP 29
05-31-87
22: 21: 20
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

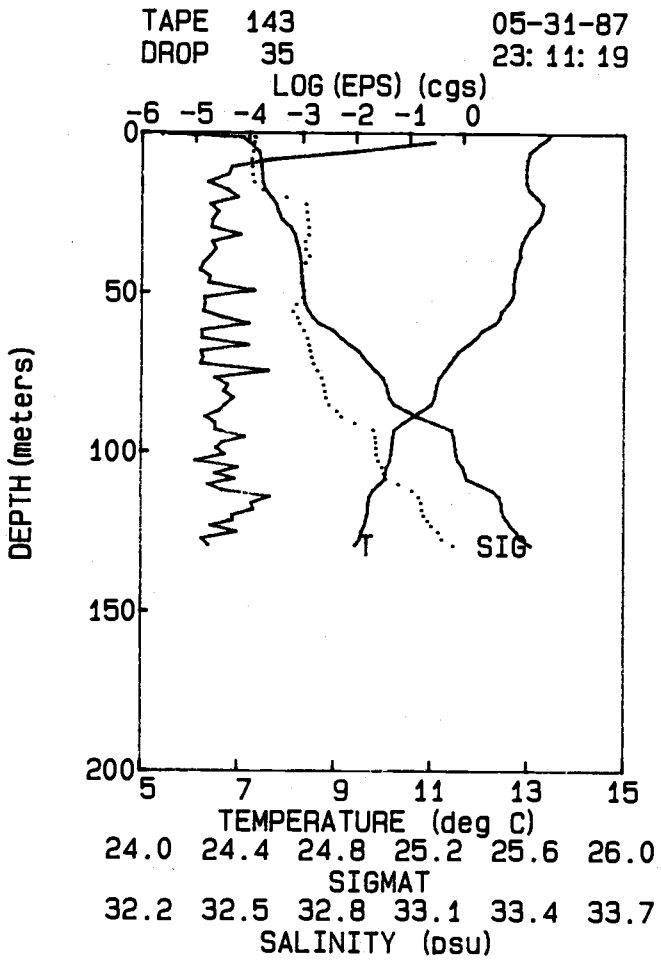

TAPE 143
DROP 30
05-31-87
22: 28: 40
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

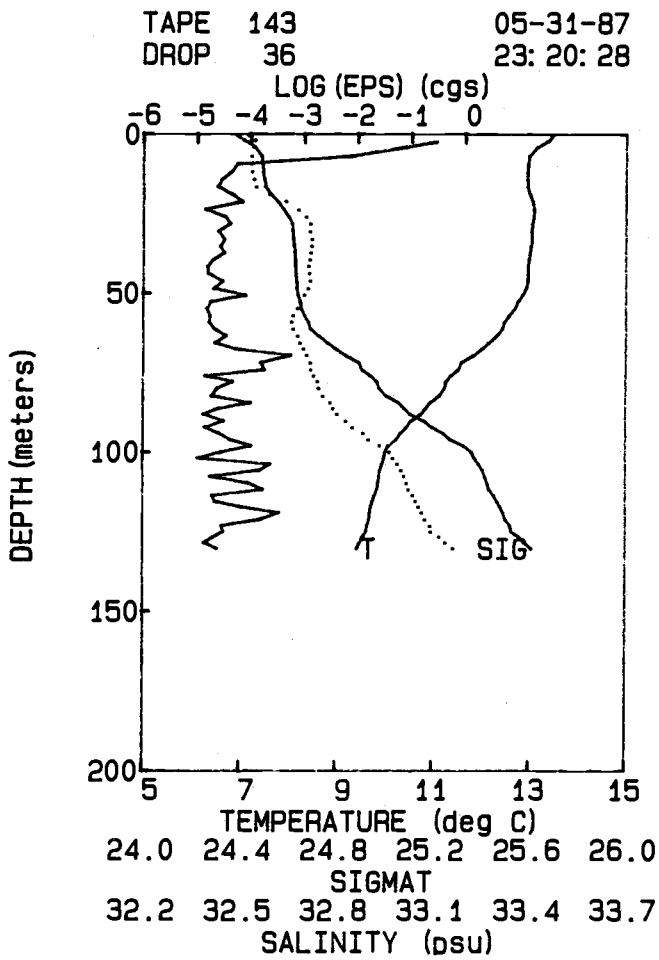

TAPE 143
DROP 31
05-31-87
22: 36: 15
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 143
DROP 32
05-31-87
22: 43: 32
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

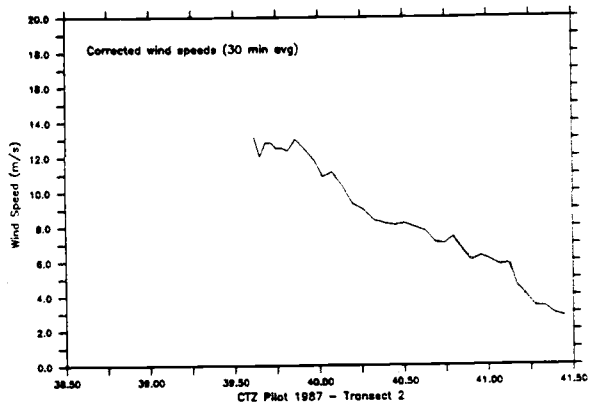

TAPE 143
DROP 33
05-31-87
22: 53: 33
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

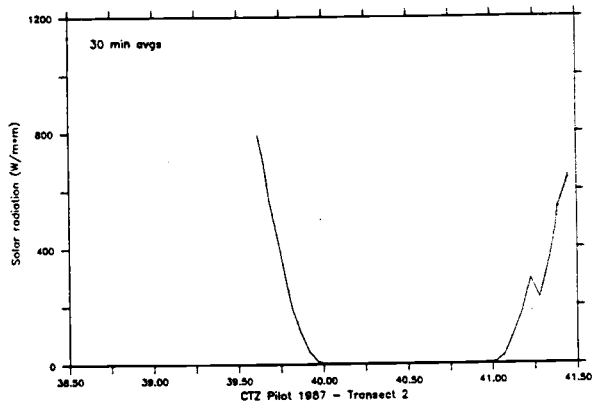

TAPE 143
DROP 34
05-31-87
23: 02: 19
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

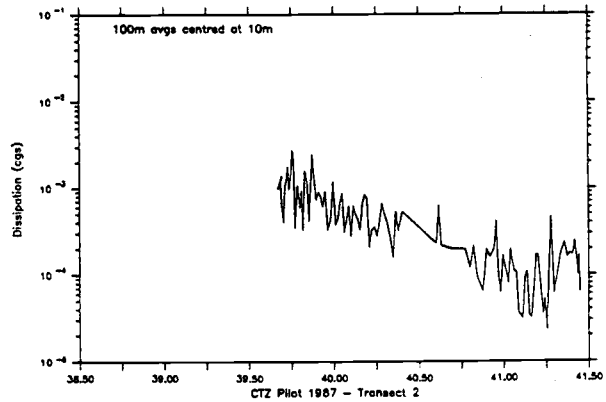

TAPE 143
DROP 35
05-31-87
23: 11: 19
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

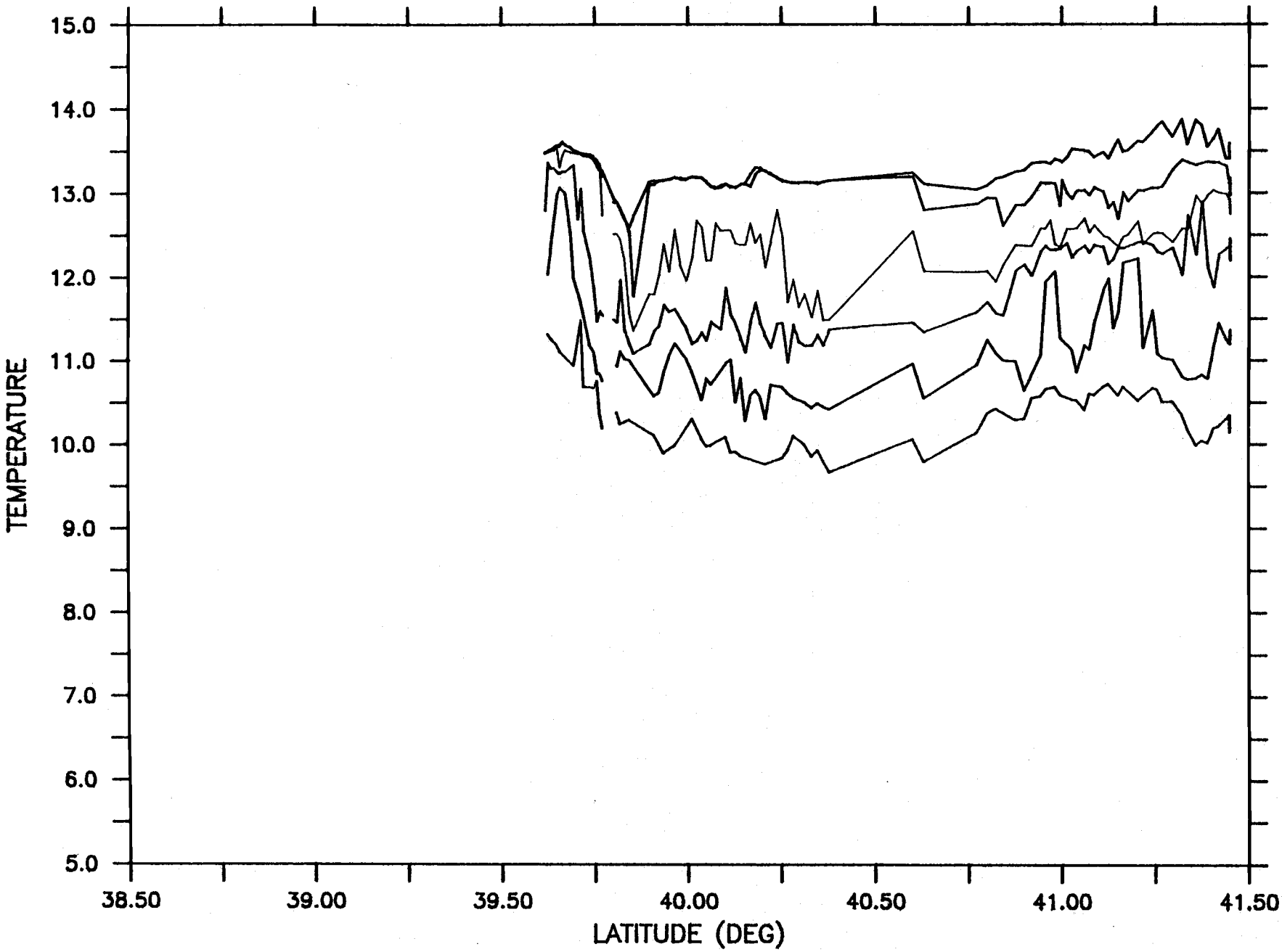

TAPE 143
DROP 36
05-31-87
23: 20: 28
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

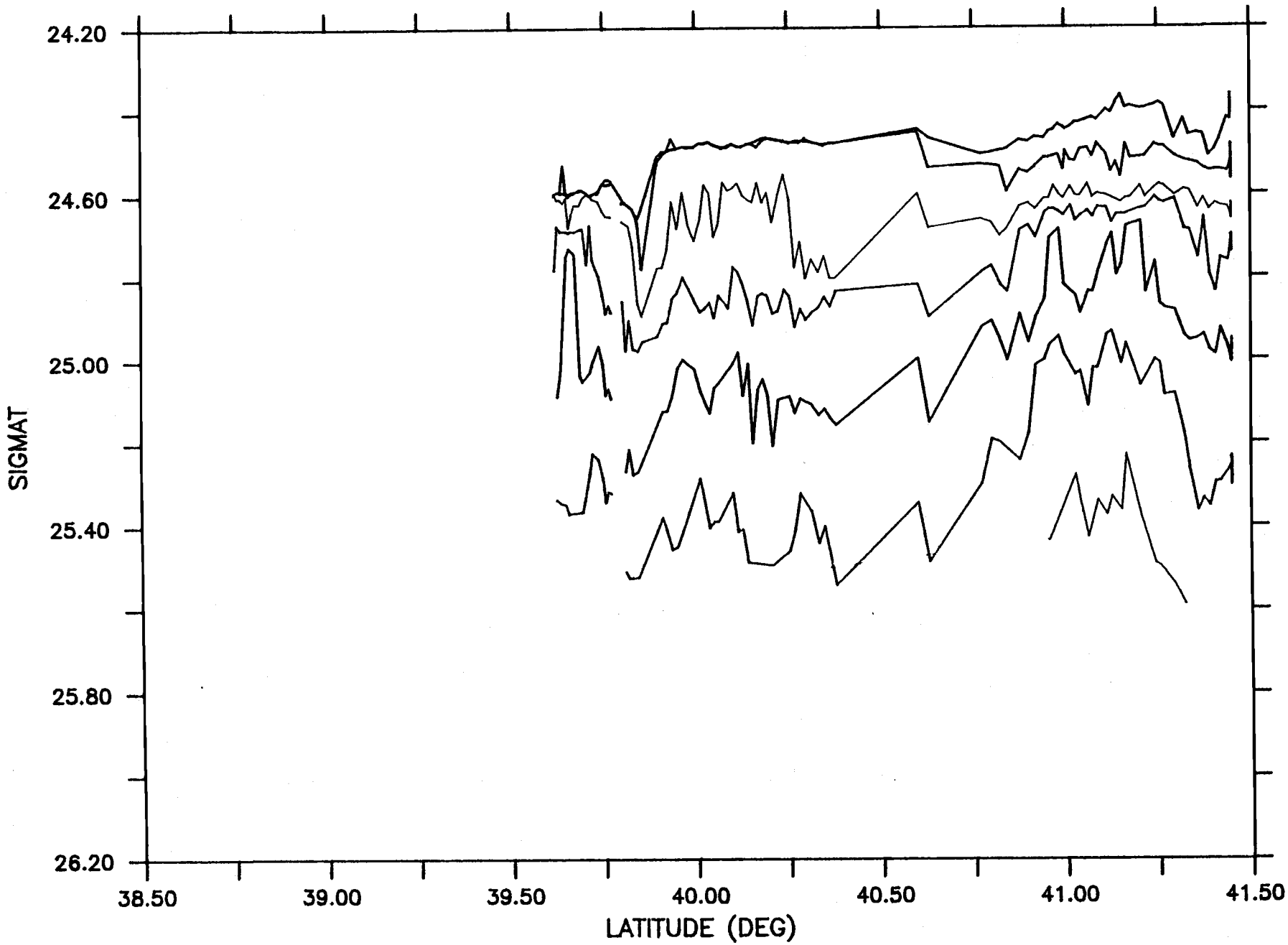
TRANSECT 2


Corrected wind speeds (30 min avg)
Wind Speed (m/s)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
38.50
39.00
39.50
40.00
40.50
41.00
41.50
CTZ Pilot 1987 – Transect 2

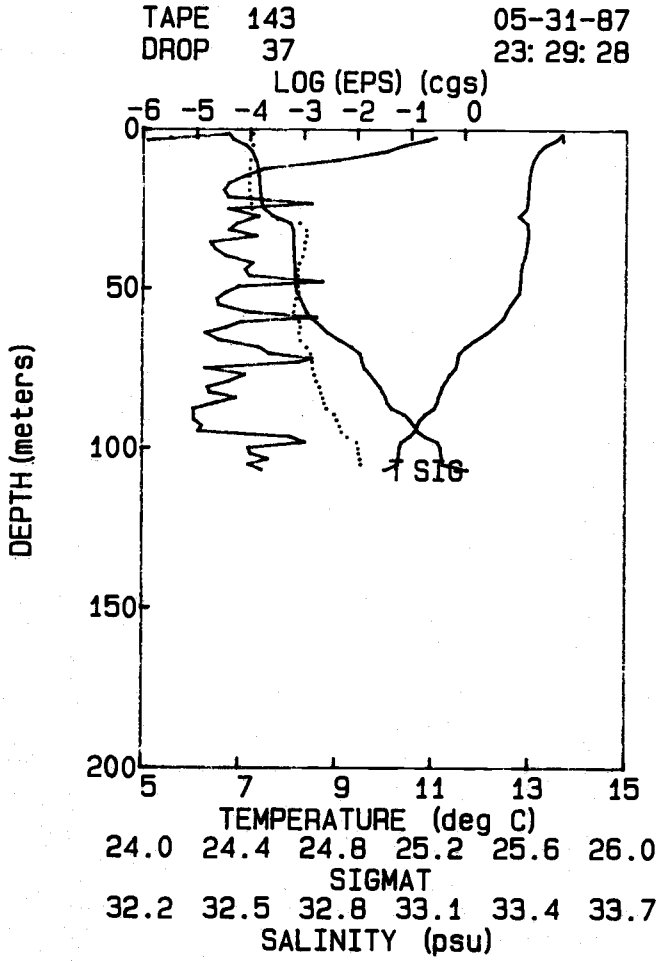

30 min avgs
Solar radiation (W/mm)
1200
800
400
0
38.50
39.00
39.50
40.00
40.50
41.00
41.50
CTZ Pilot 1987 – Transect 2

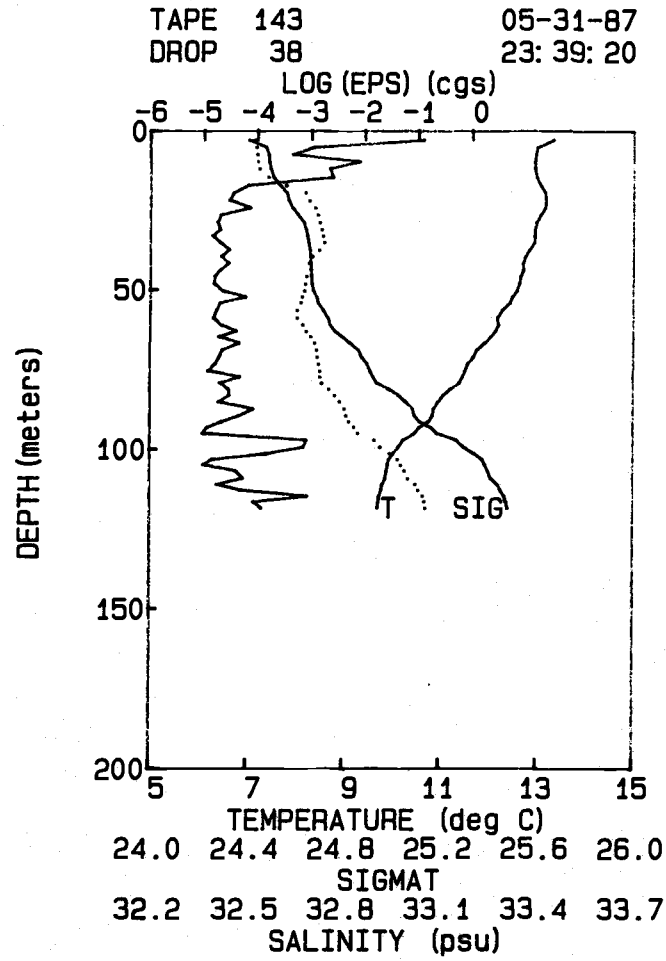

100m avgs centred at 10m
Dissipation (cgs)
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
38.50
39.00
39.50
40.00
40.50
41.00
41.50
CTZ Pilot 1987 – Transect 2

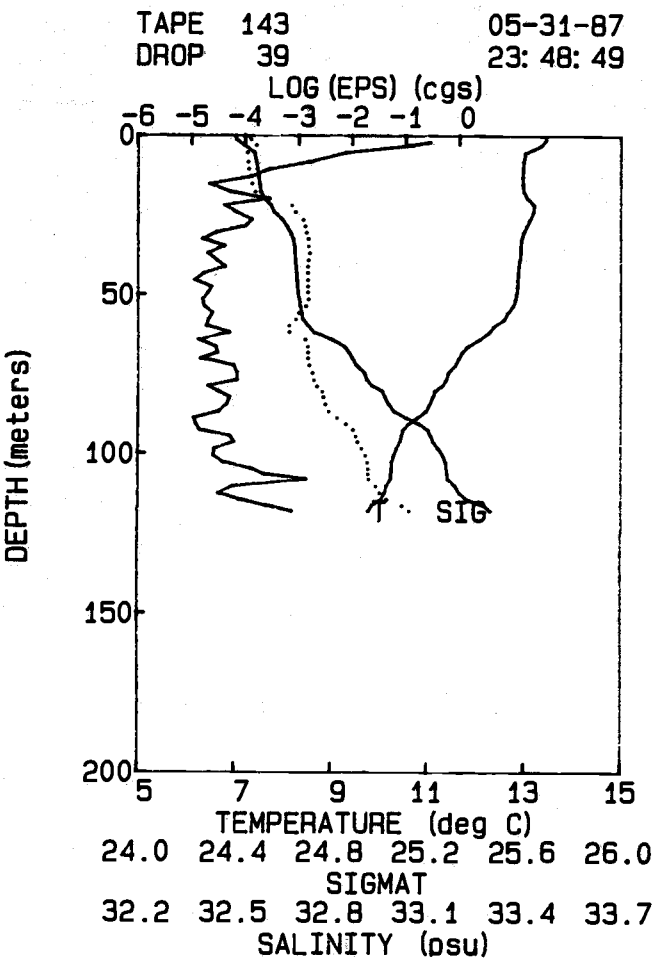

15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
TEMPERATURE
38.50
39.00
39.50
40.00
40.50
41.00
41.50
LATITUDE (DEG)


24.20
24.60
25.00
25.40
25.80
26.20
SIGMAT
38.50
39.00
39.50
40.00
40.50
41.00
41.50
LATITUDE (DEG)

TRANSECT 2


TAPE 143
DROP 37
05-31-87
23: 29: 28
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 143
DROP 38
05-31-87
23: 39: 20
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 143
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05-31-87
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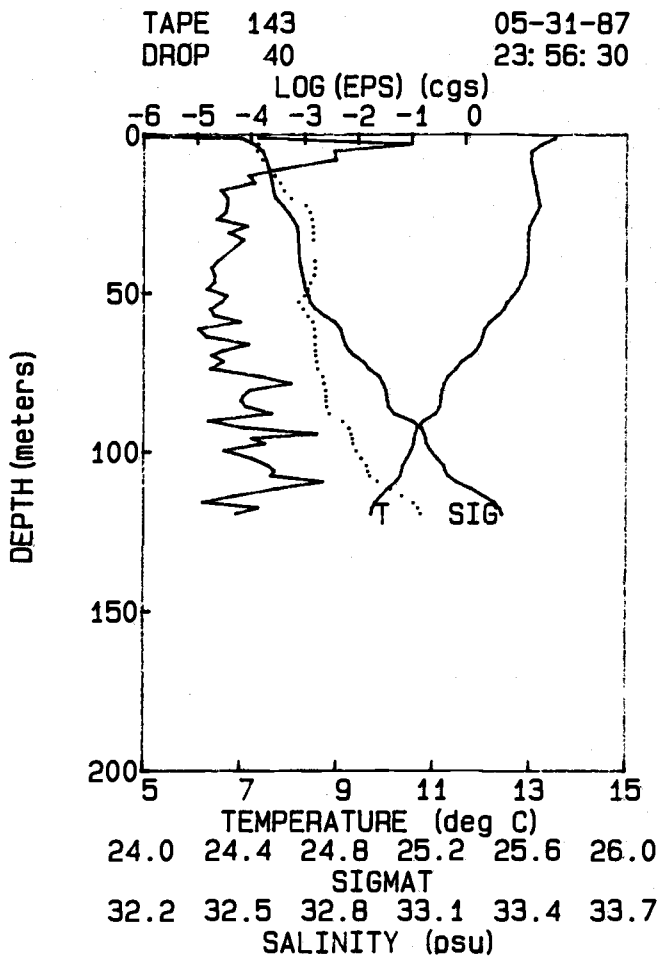
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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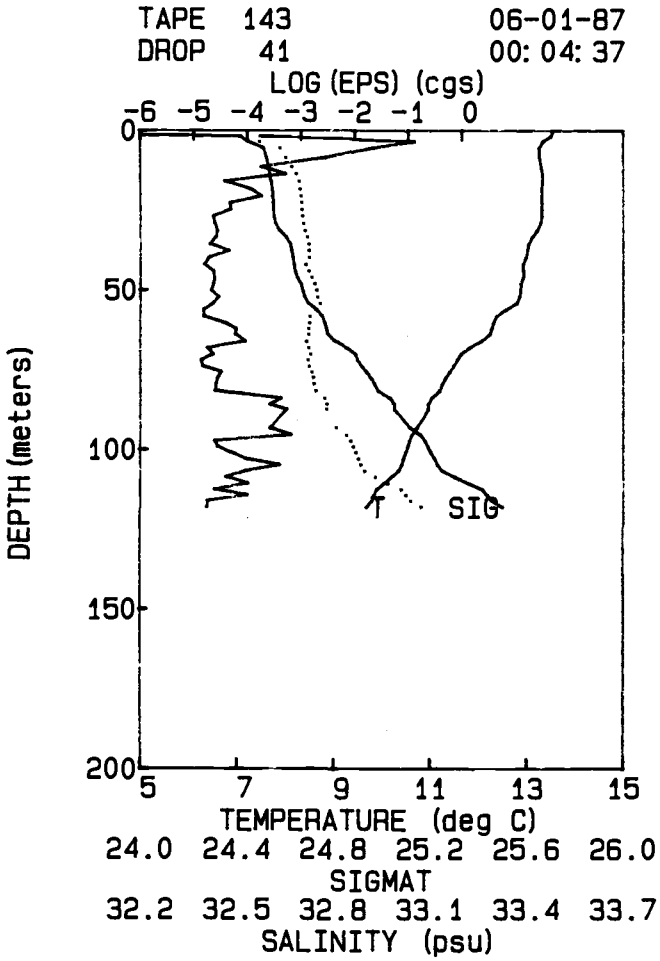
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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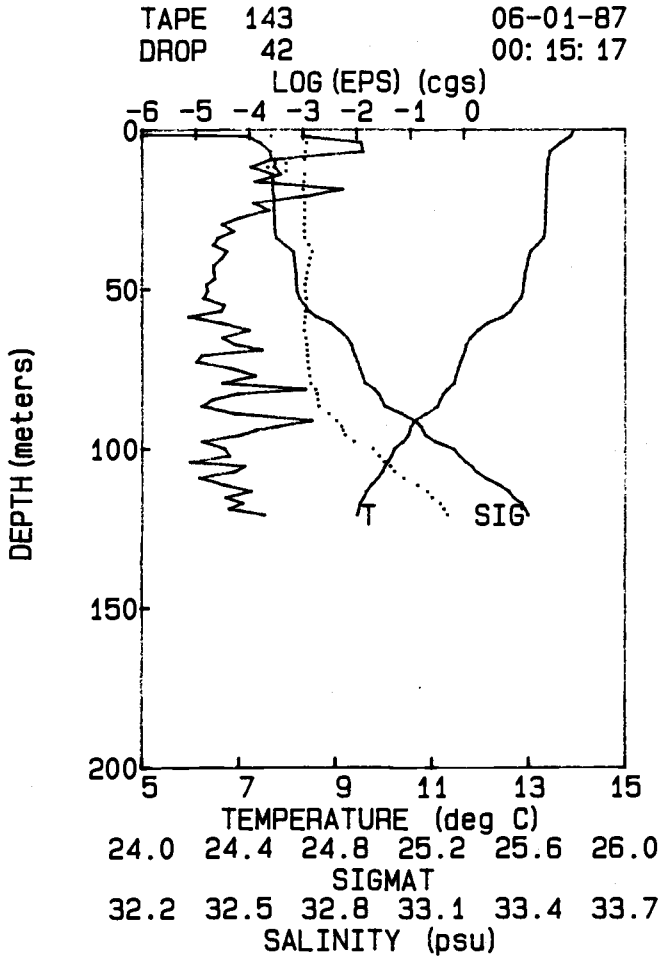
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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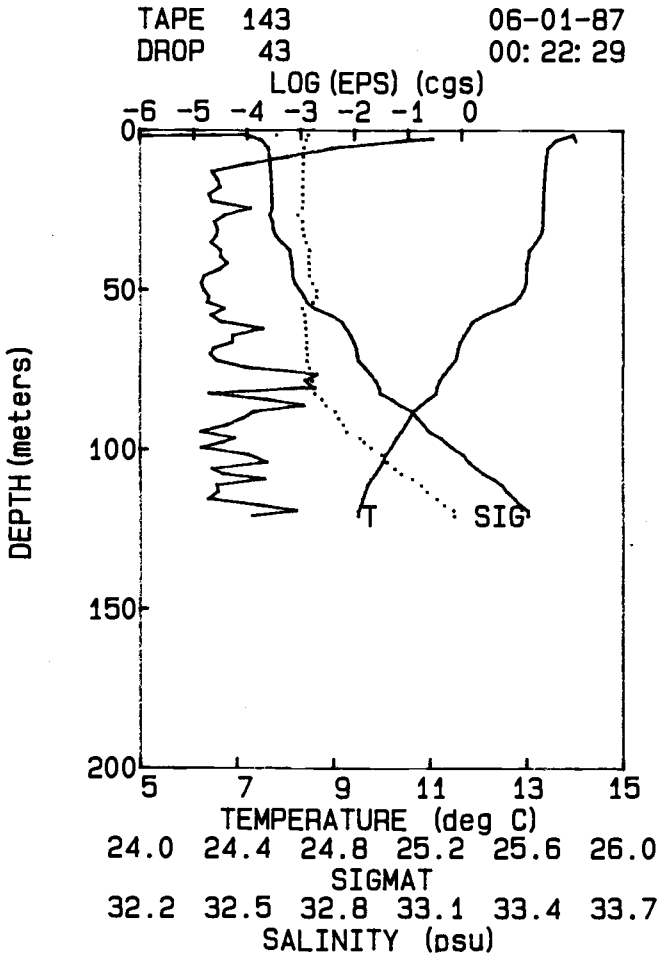
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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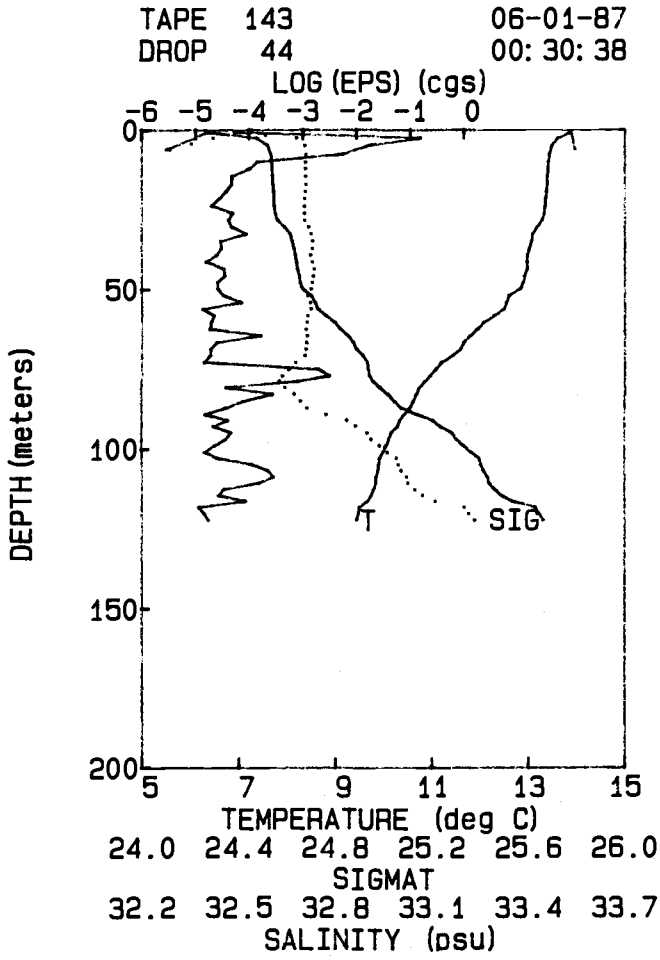
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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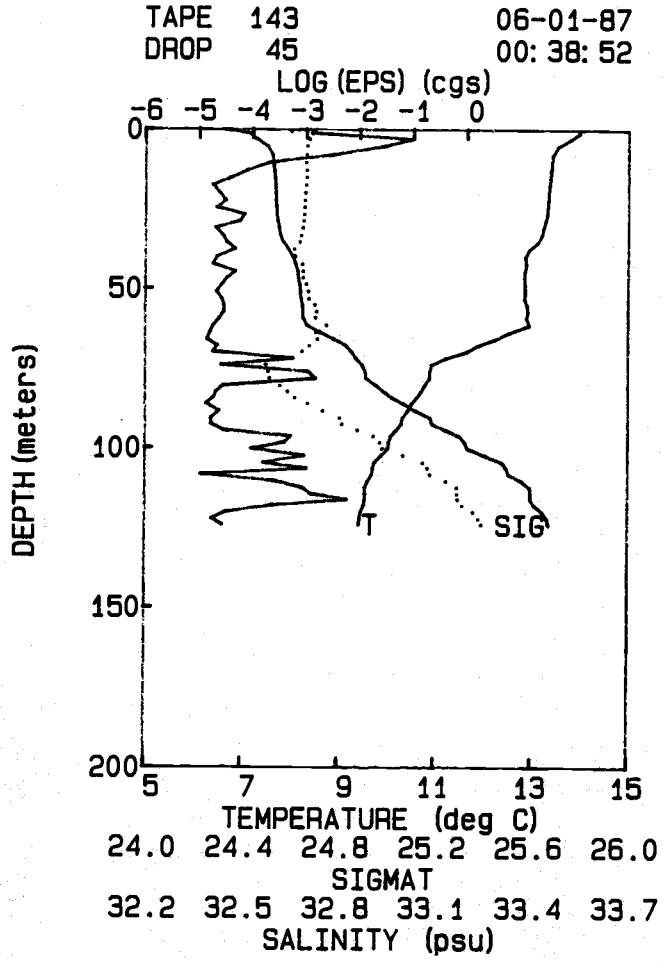
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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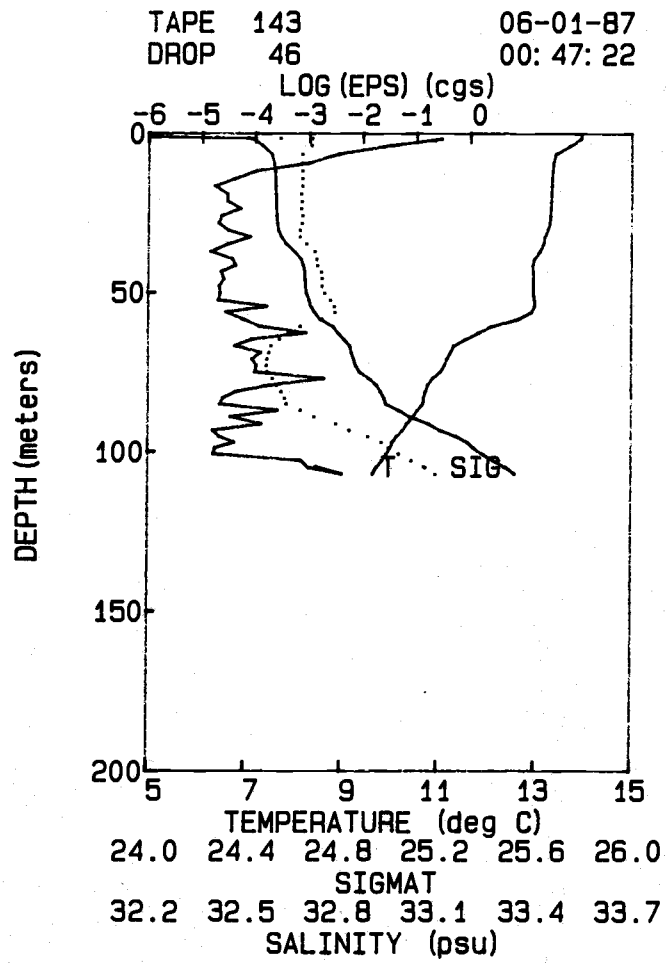
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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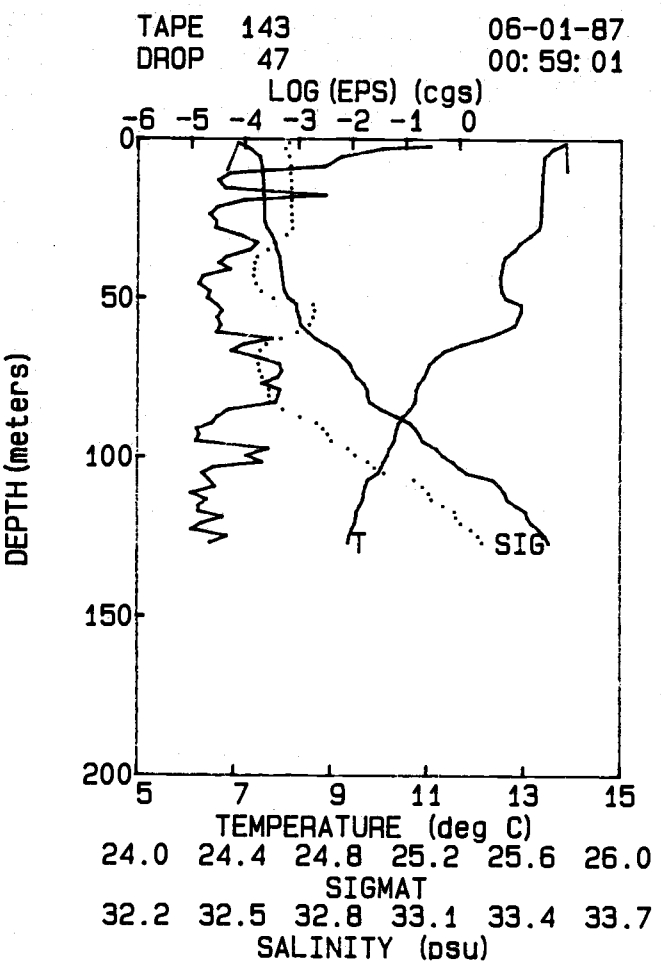
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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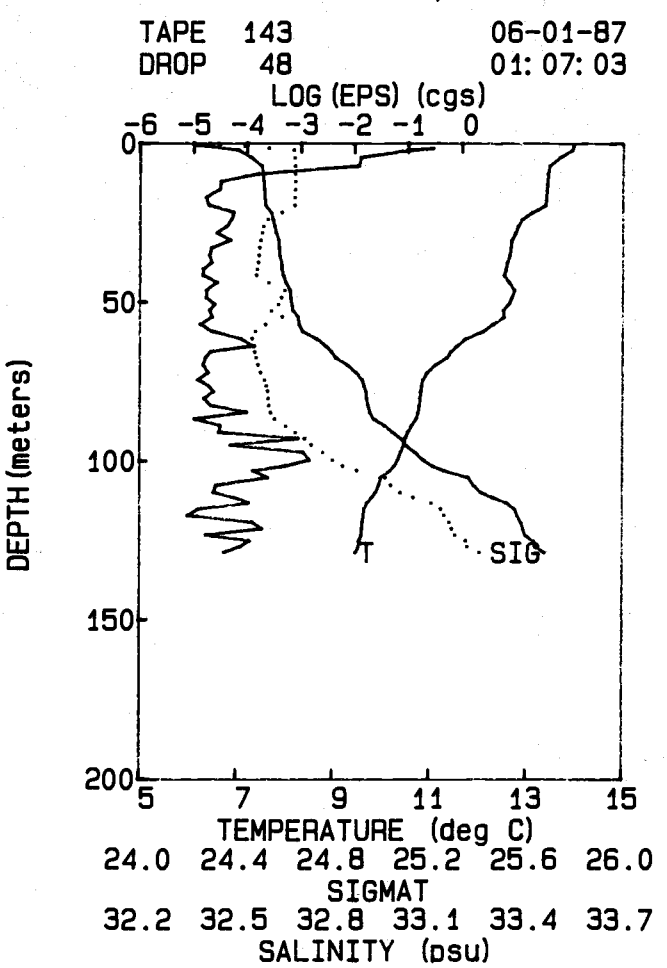
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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01: 07: 03
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DEPTH (meters)
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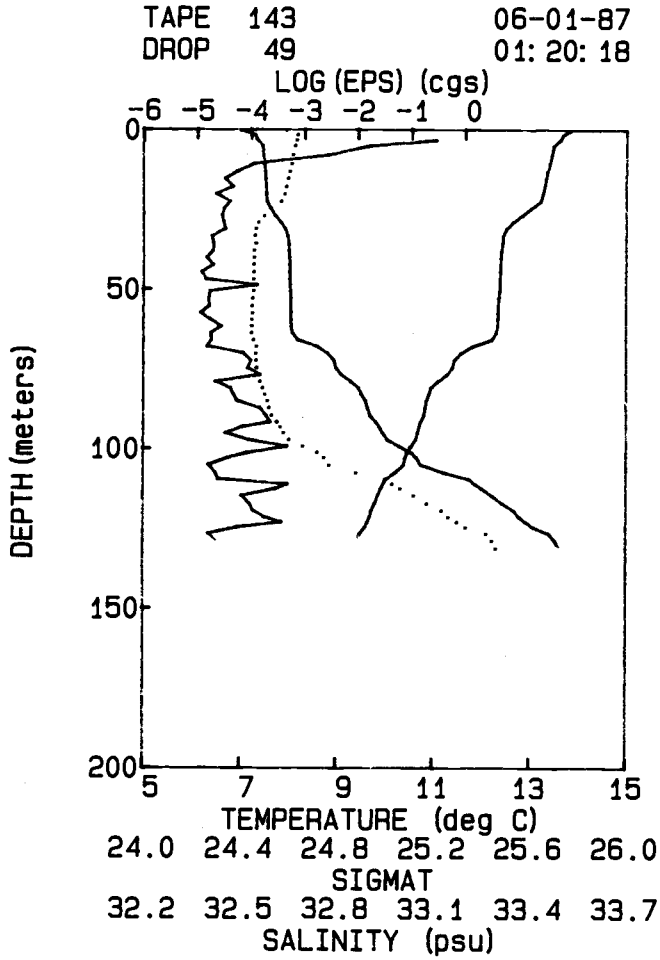
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
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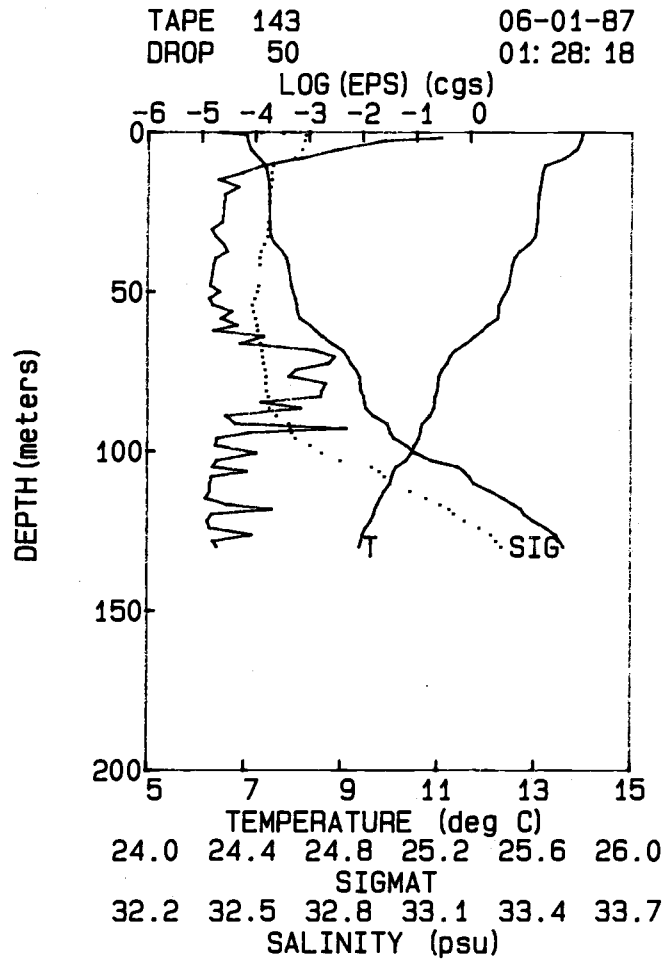
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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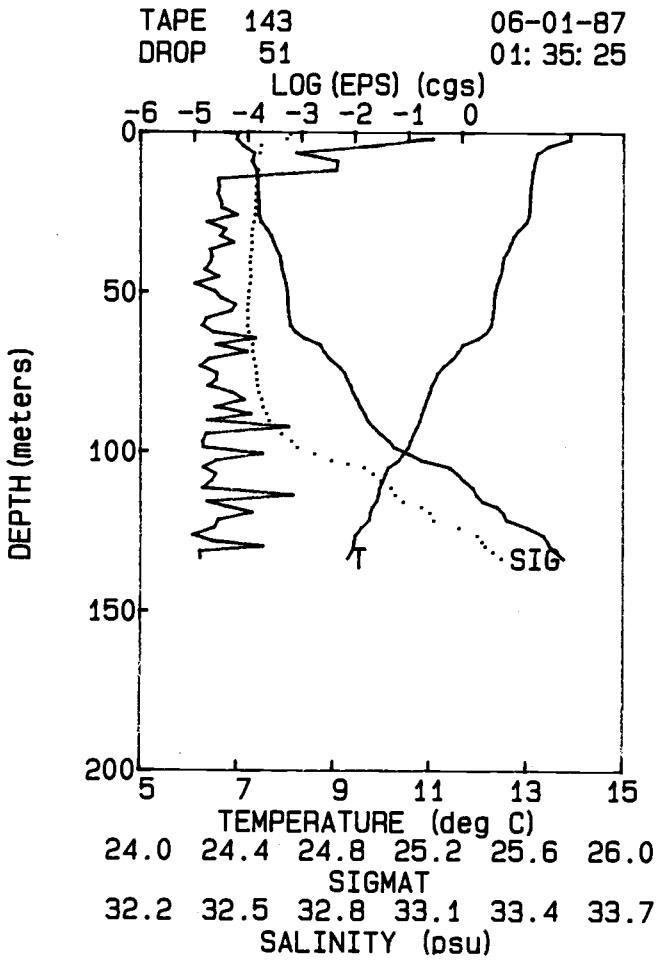
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DROP 51
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LOG (EPS) (cgs)
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DEPTH (meters)
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150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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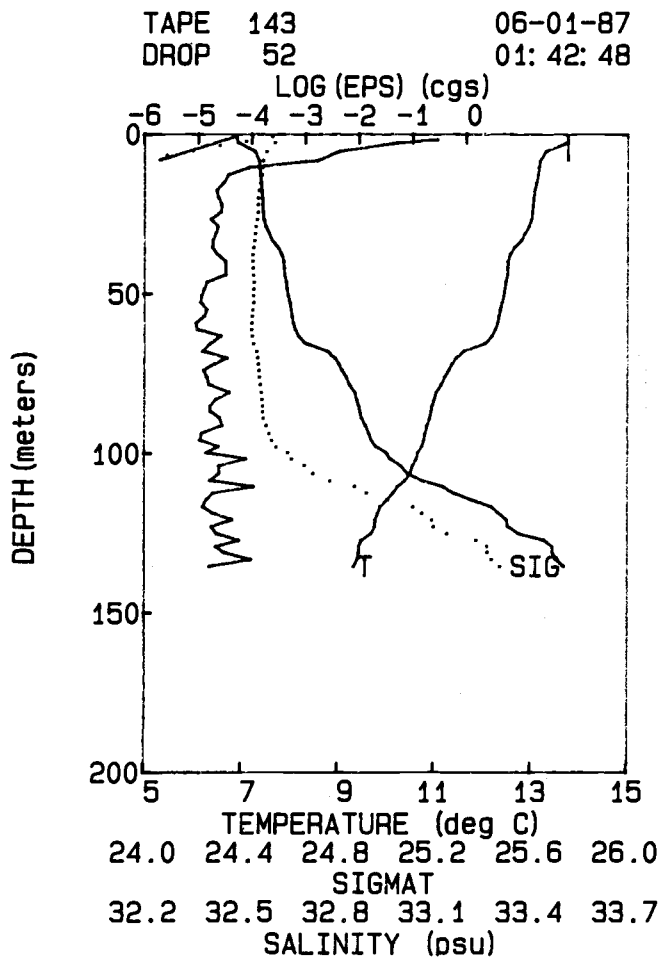
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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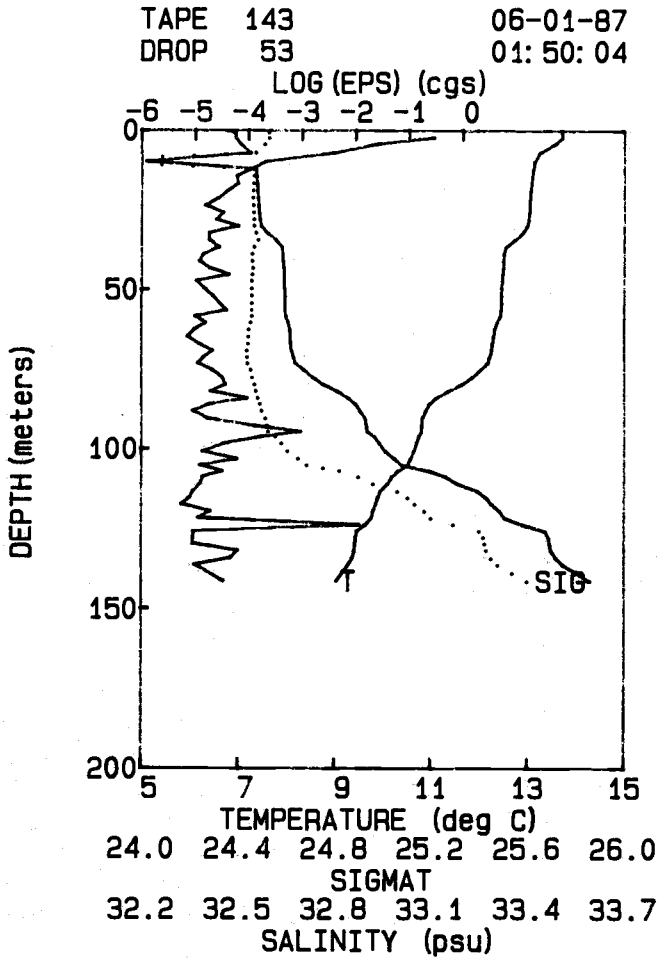
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
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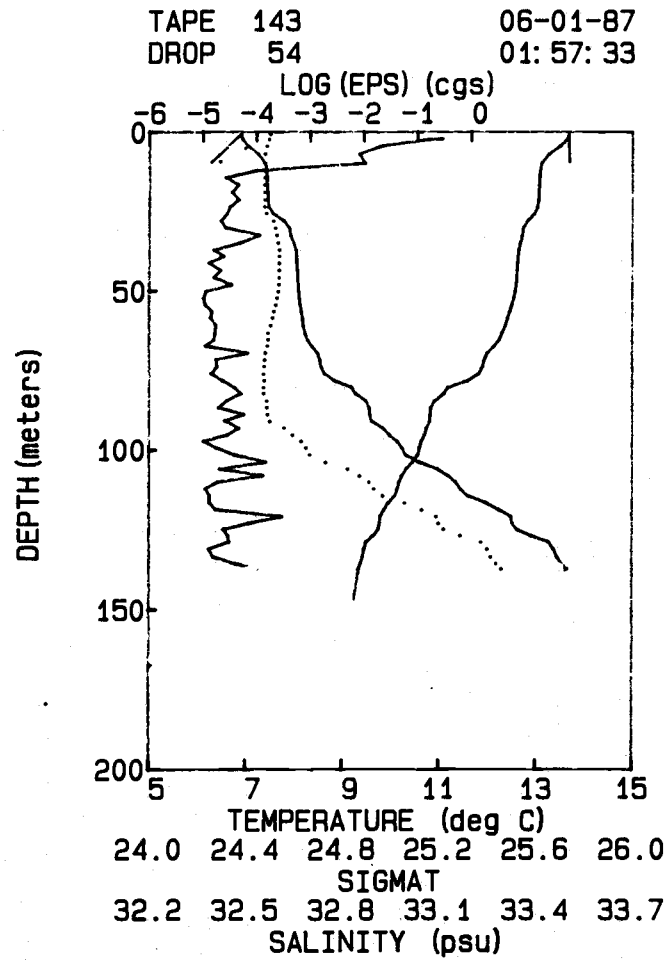
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200
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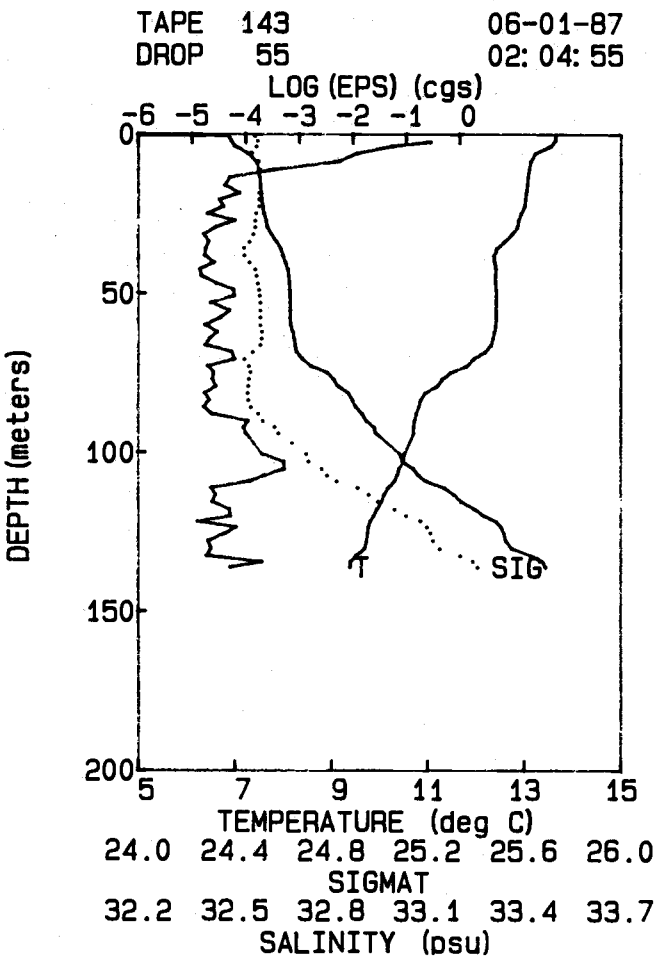
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DROP 55
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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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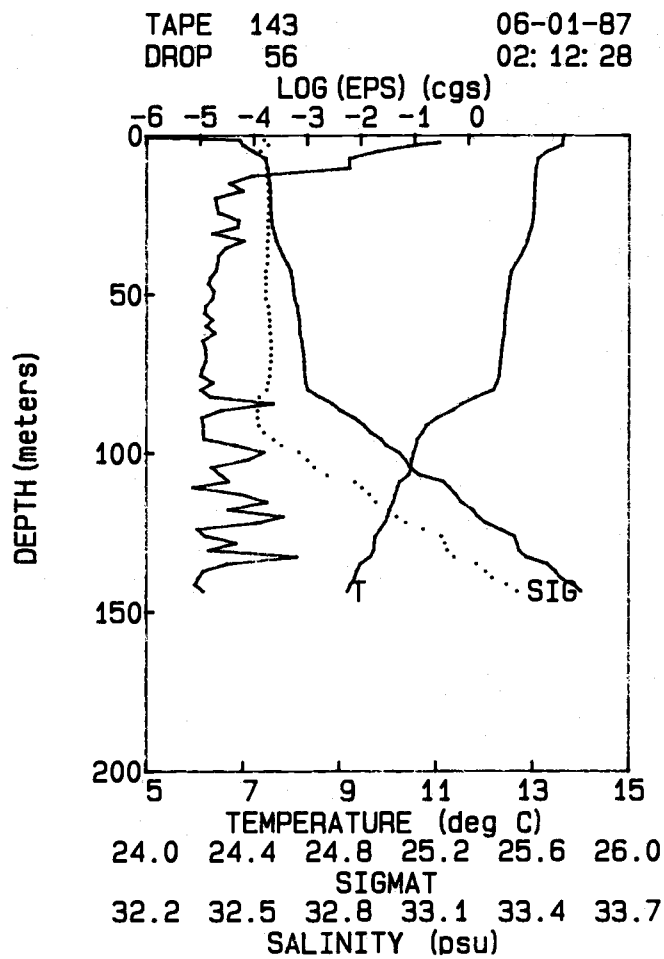
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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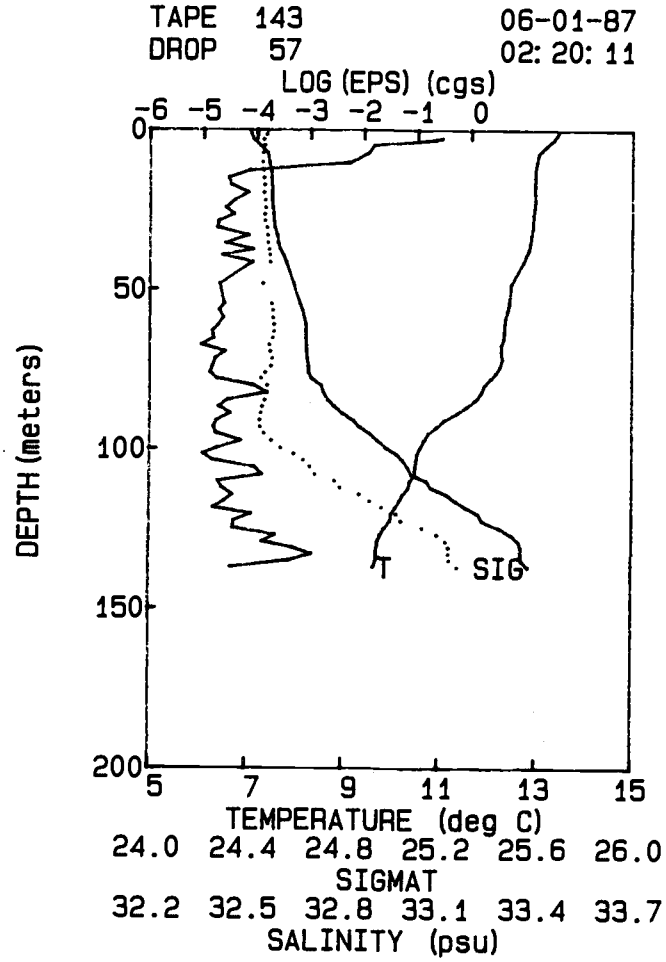
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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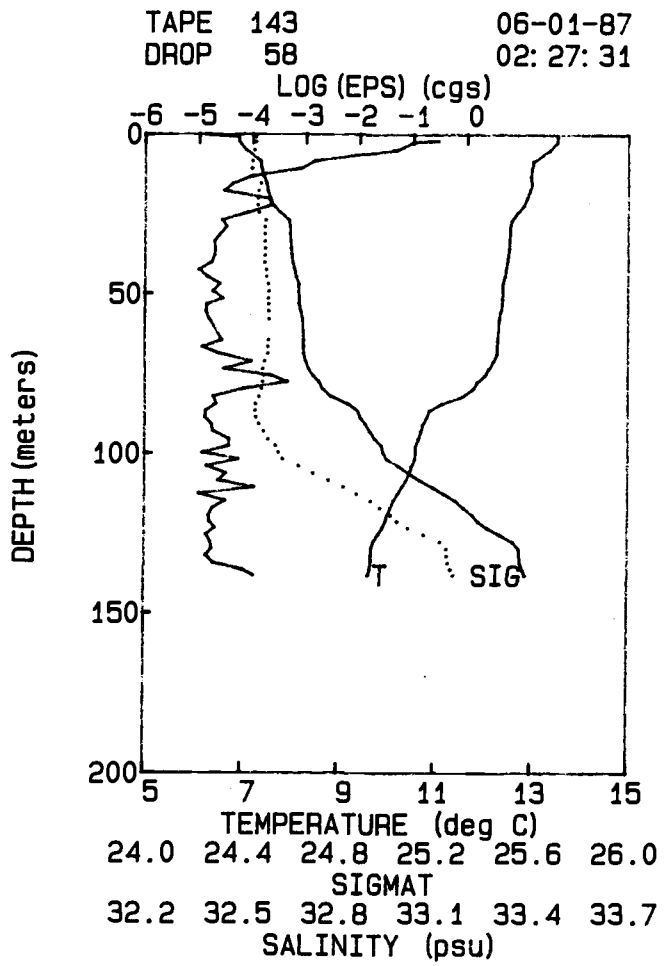
SALINITY (psu)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200
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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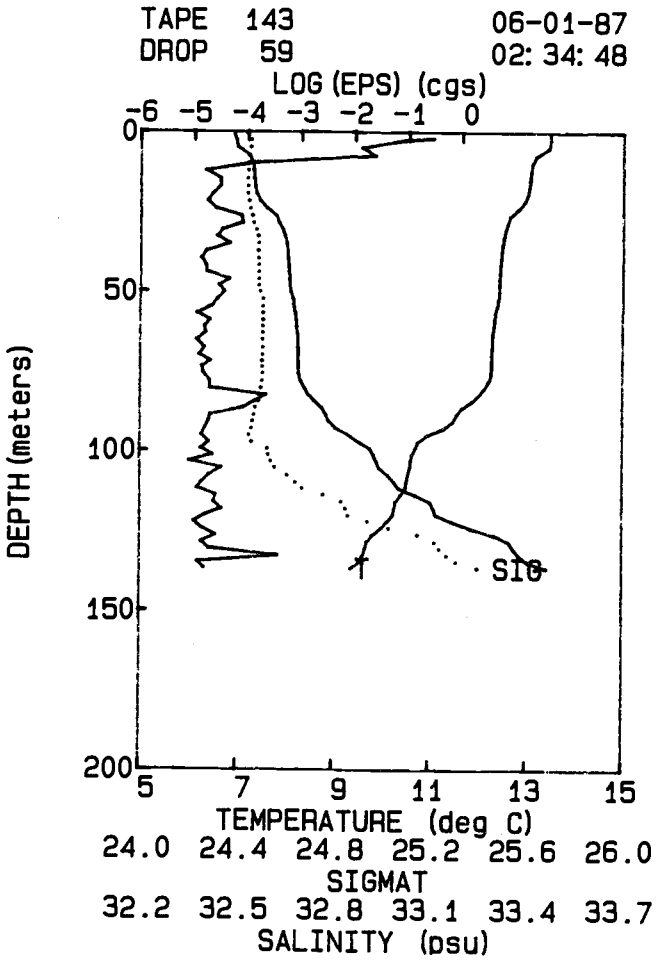
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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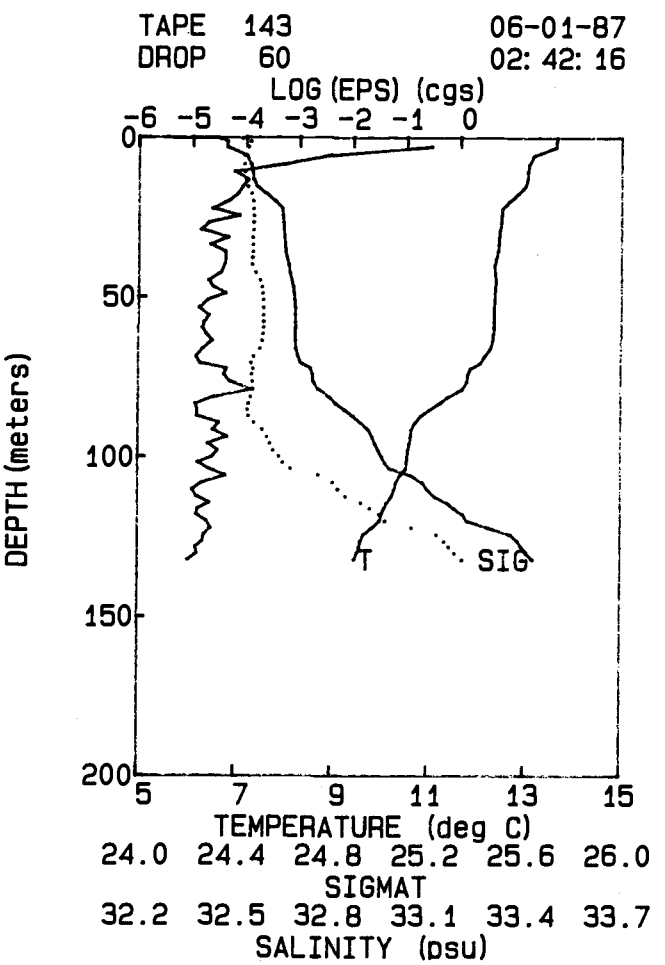
SALINITY (psu)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150
200
T
SIG
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TEMPERATURE (deg C)
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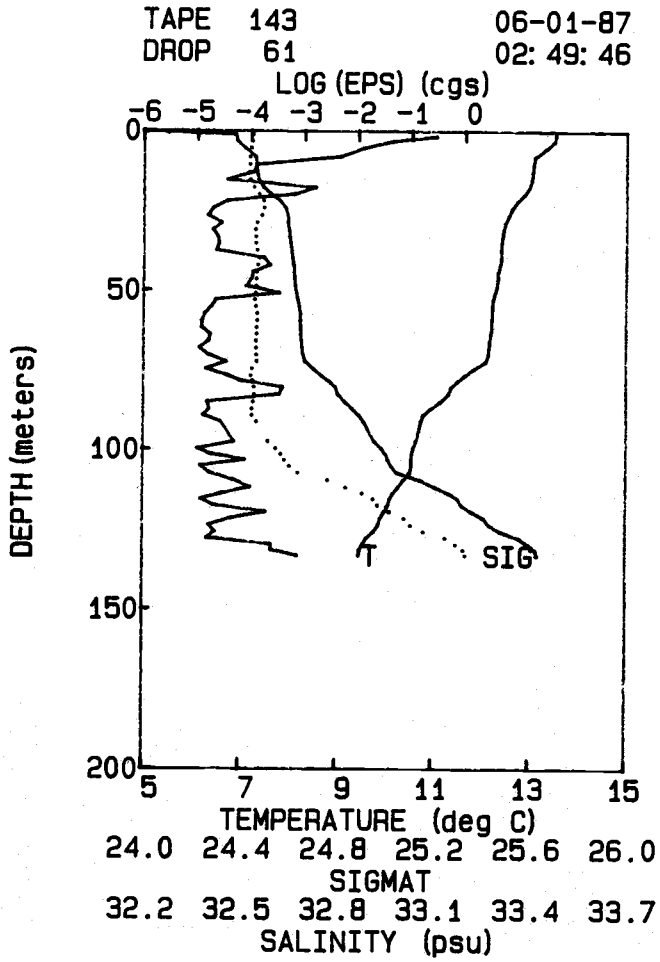
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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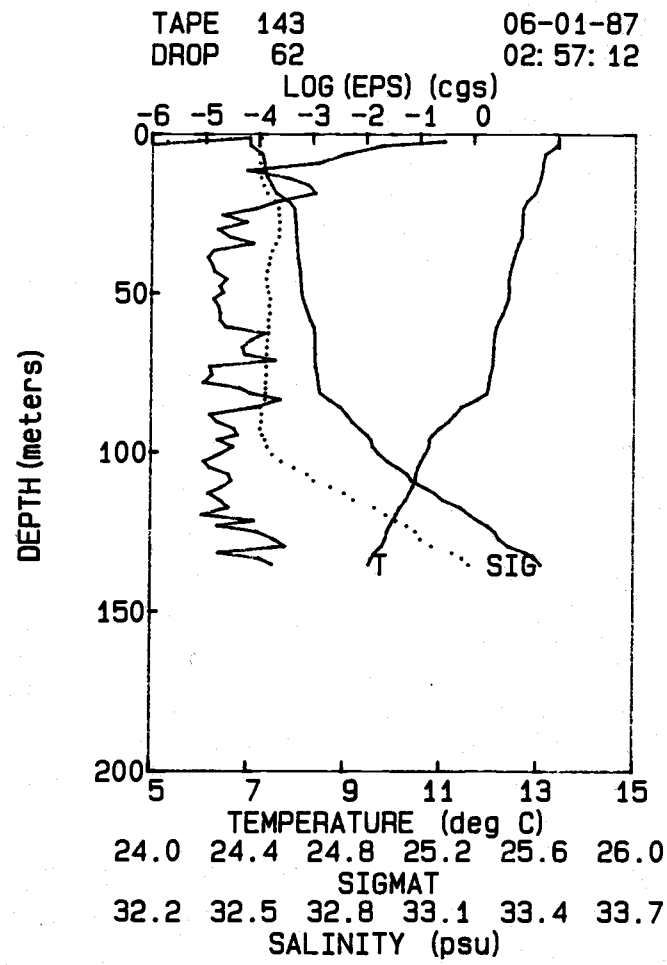
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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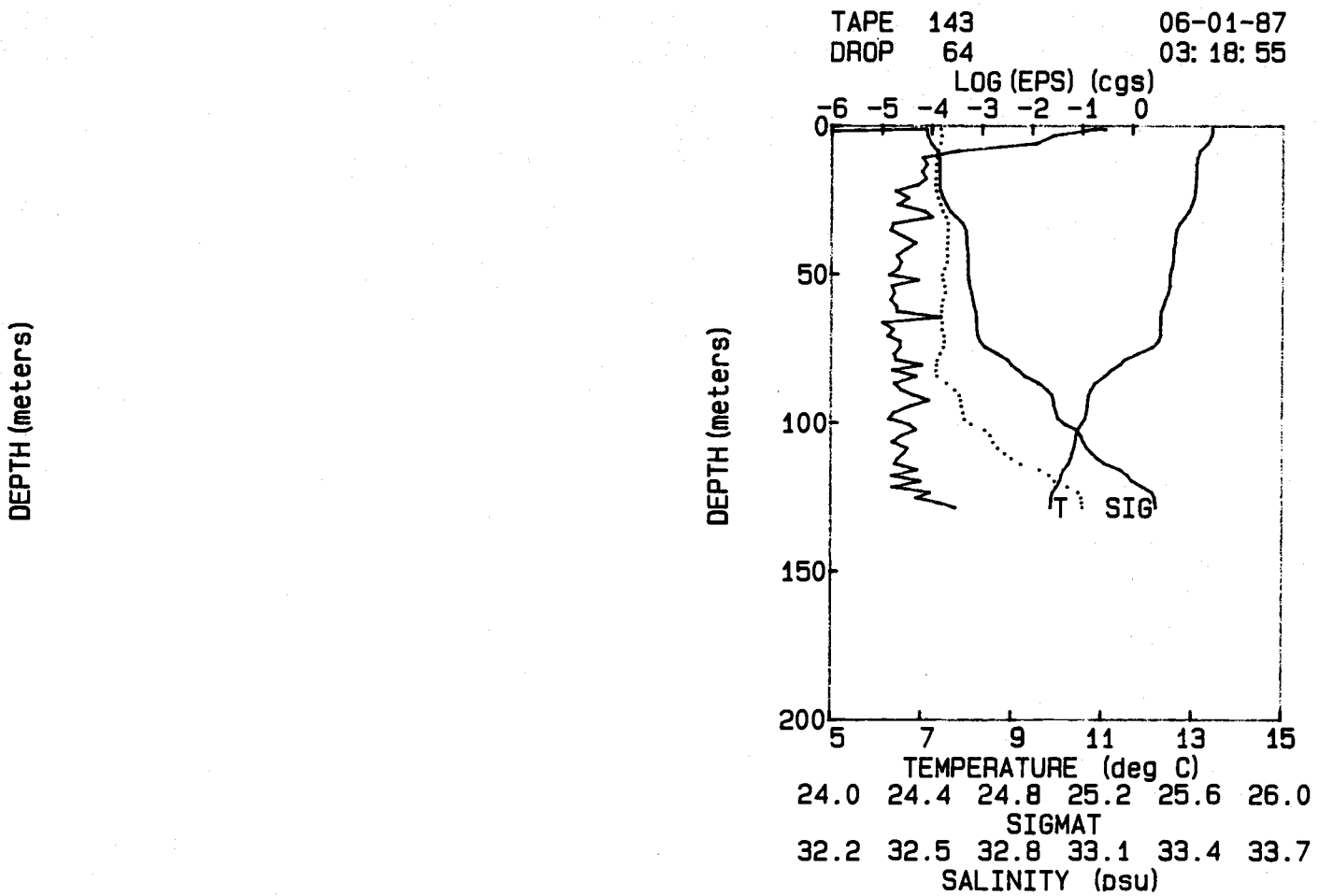
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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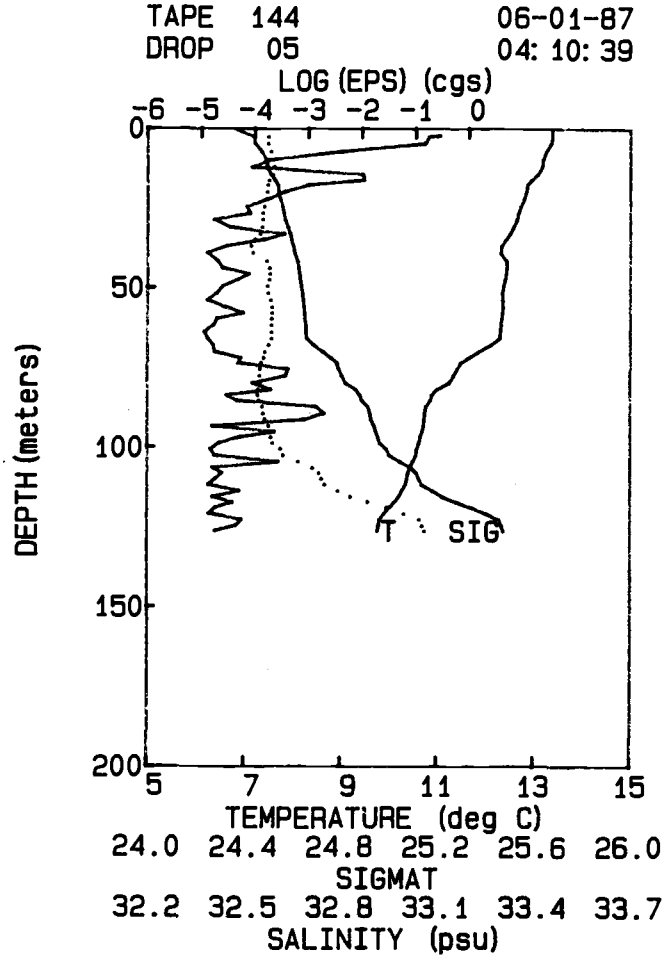
SALINITY (psu)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04: 10: 39
LOG (EPS) (cgs)
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50
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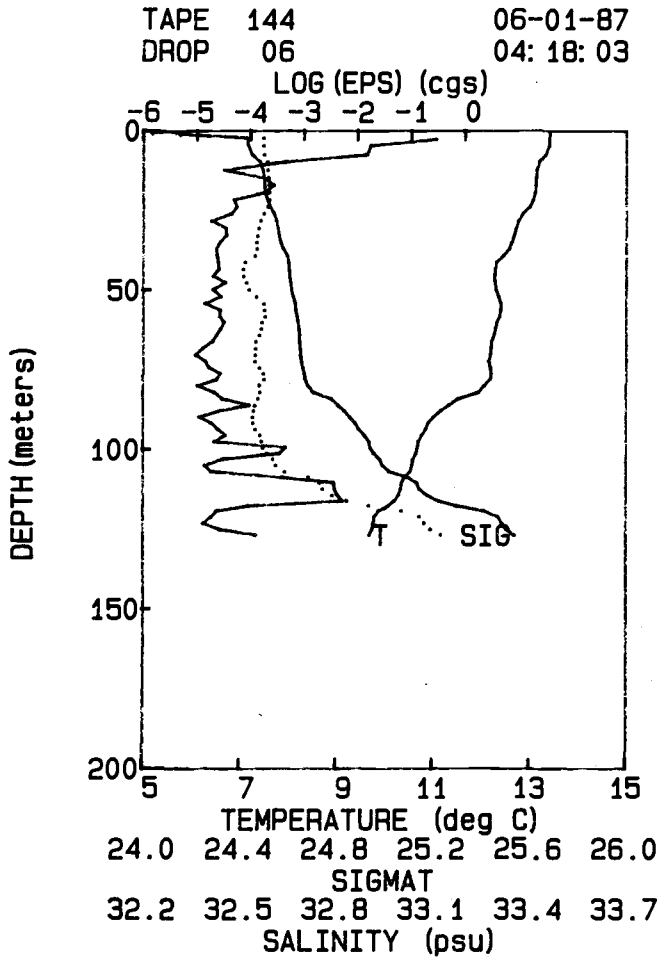
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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06-01-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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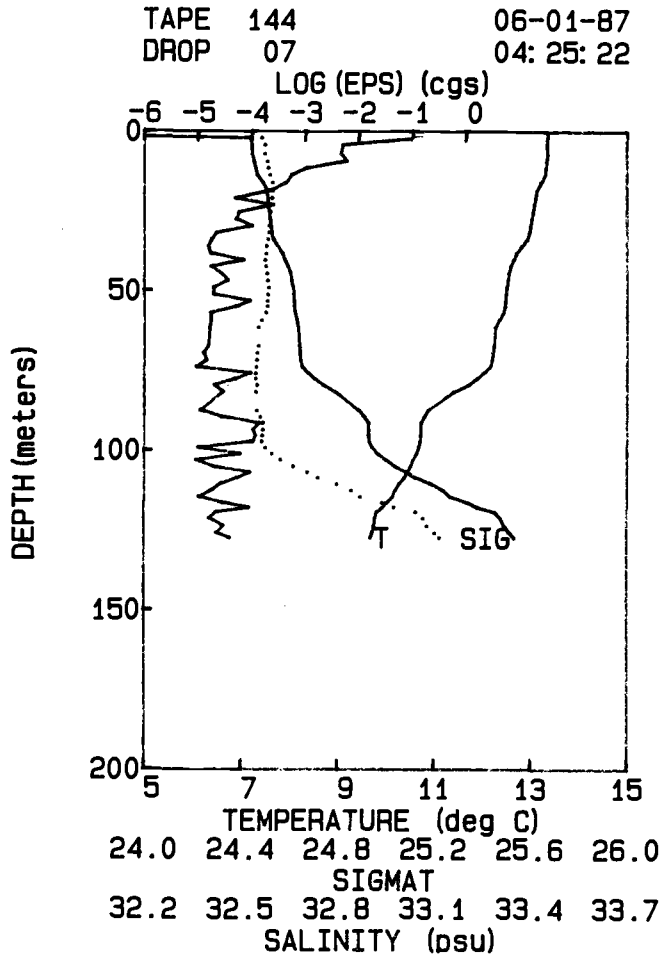
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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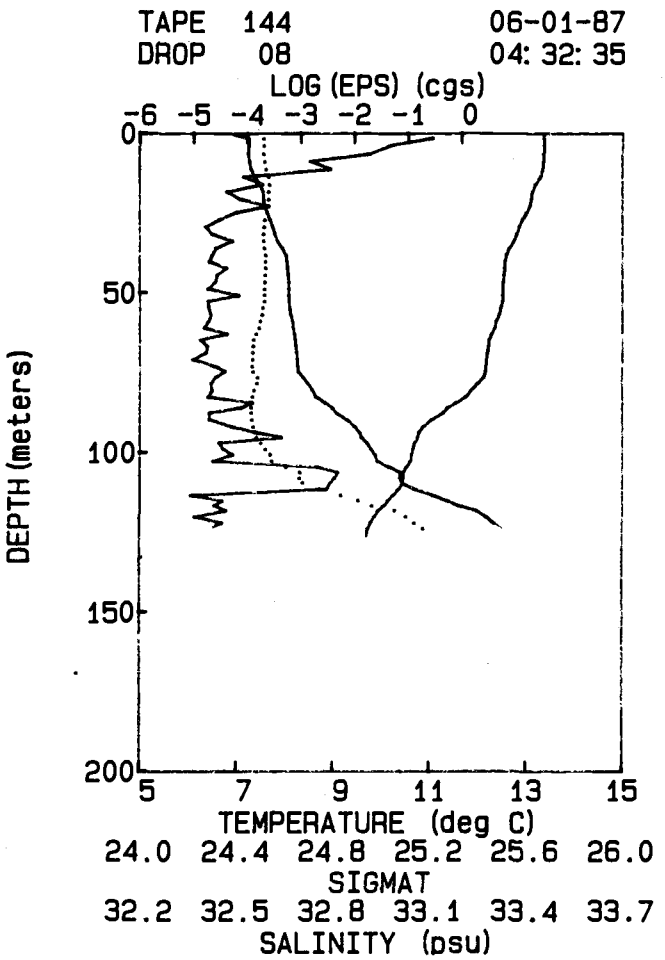
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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TEMPERATURE (deg C)
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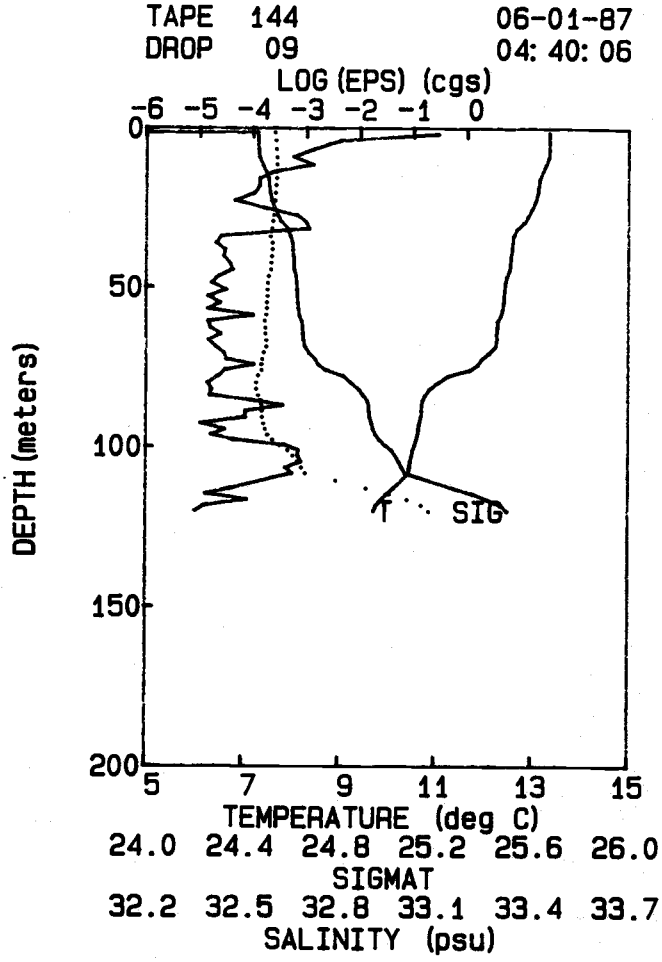
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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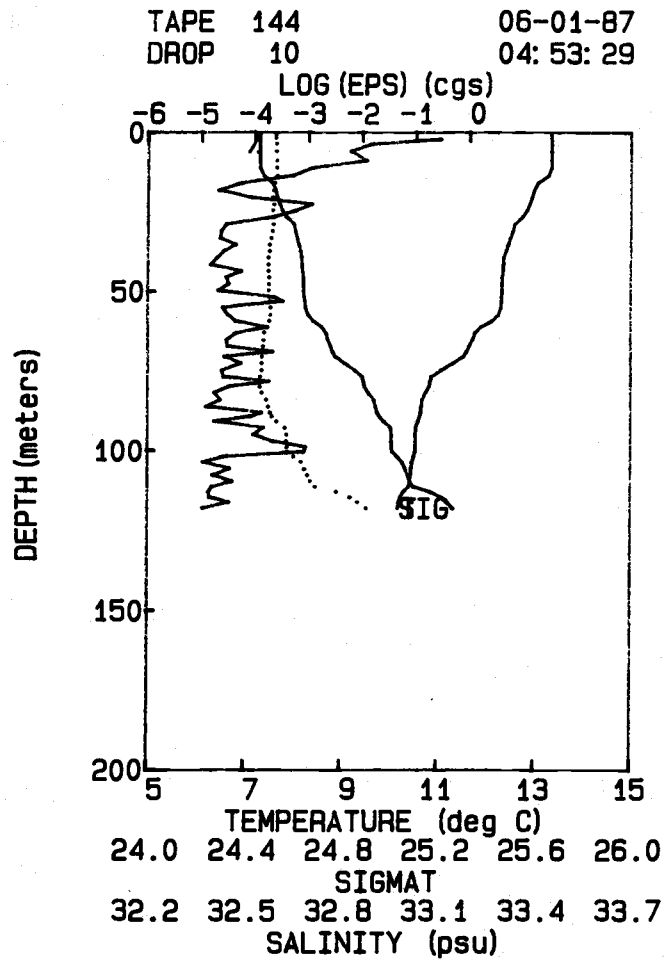
06-01-87
04: 40: 06
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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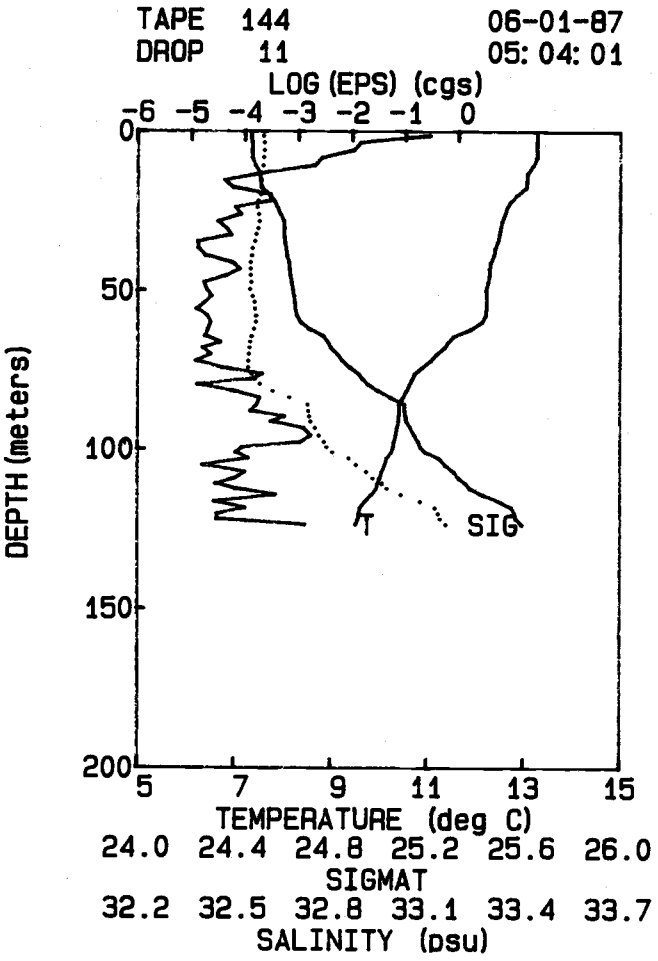
100
150
200
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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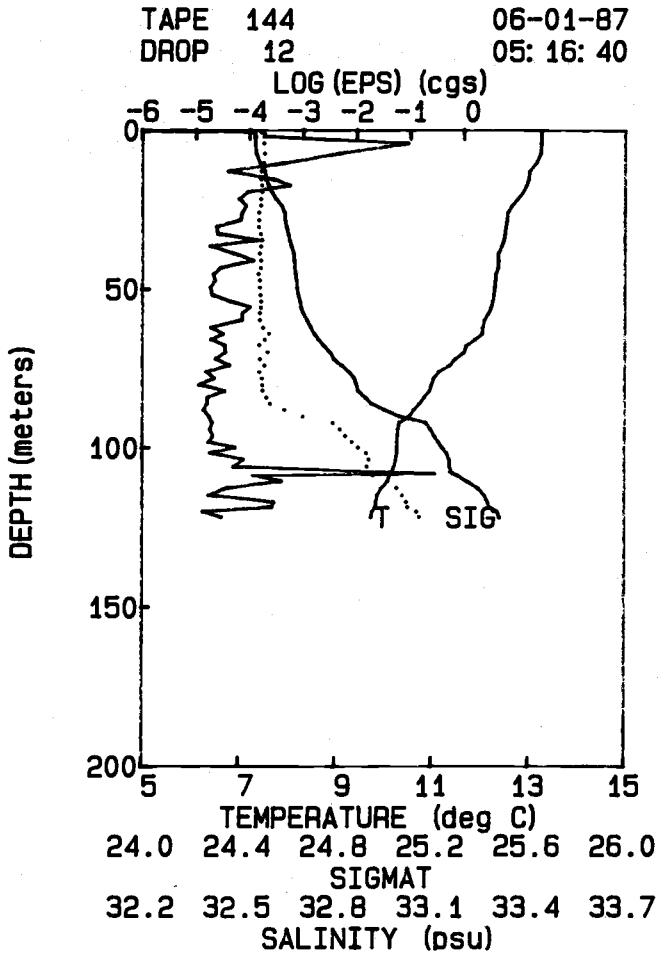
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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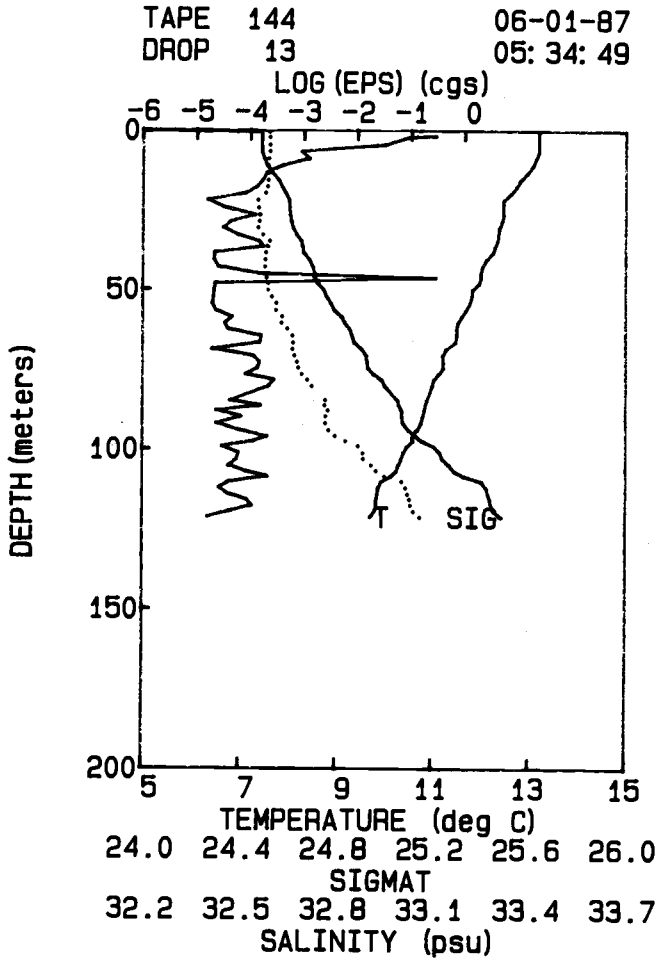
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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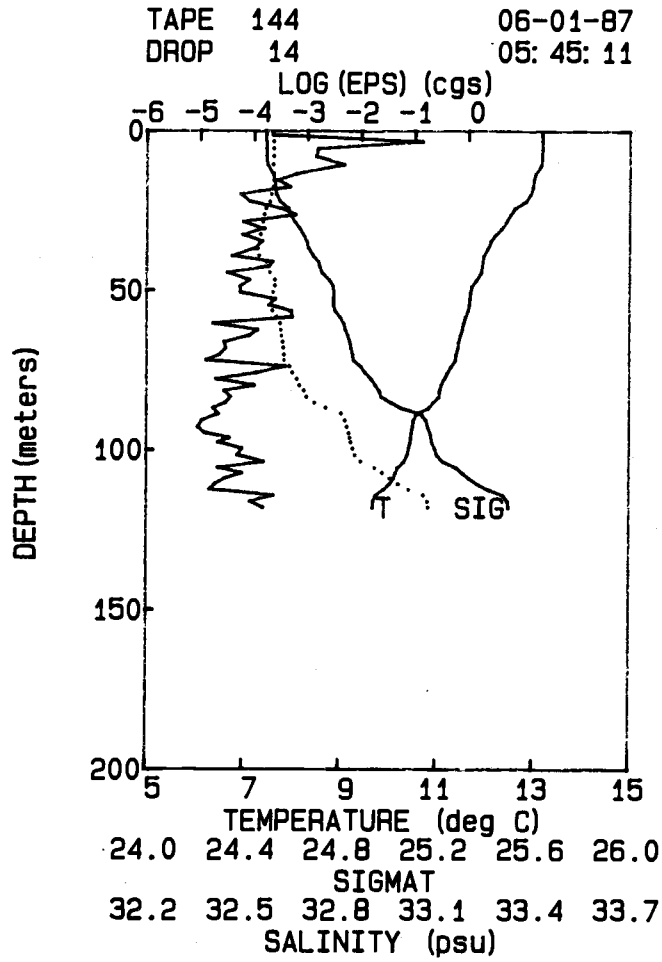
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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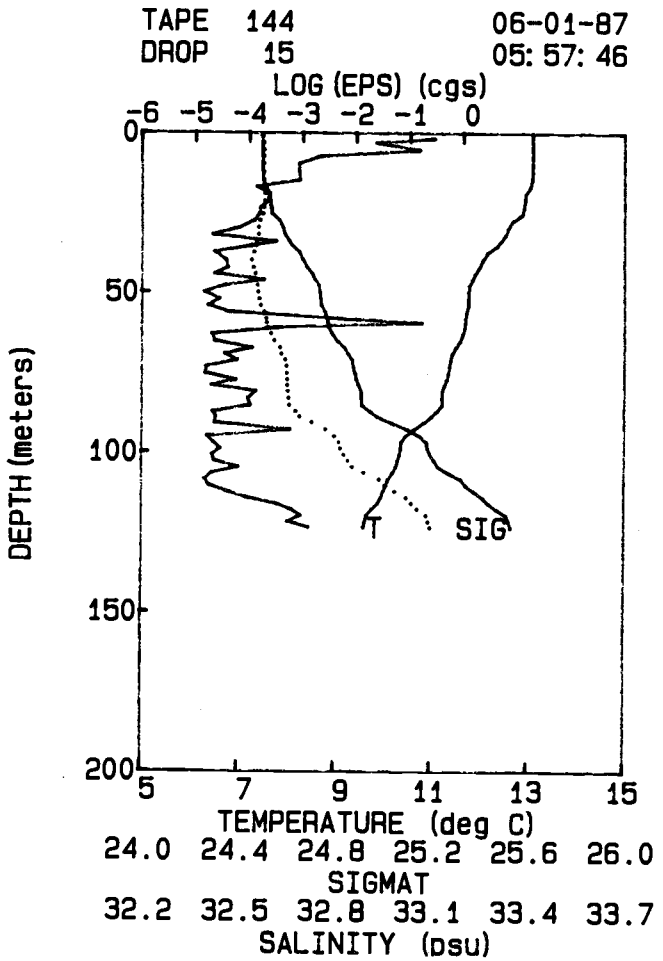
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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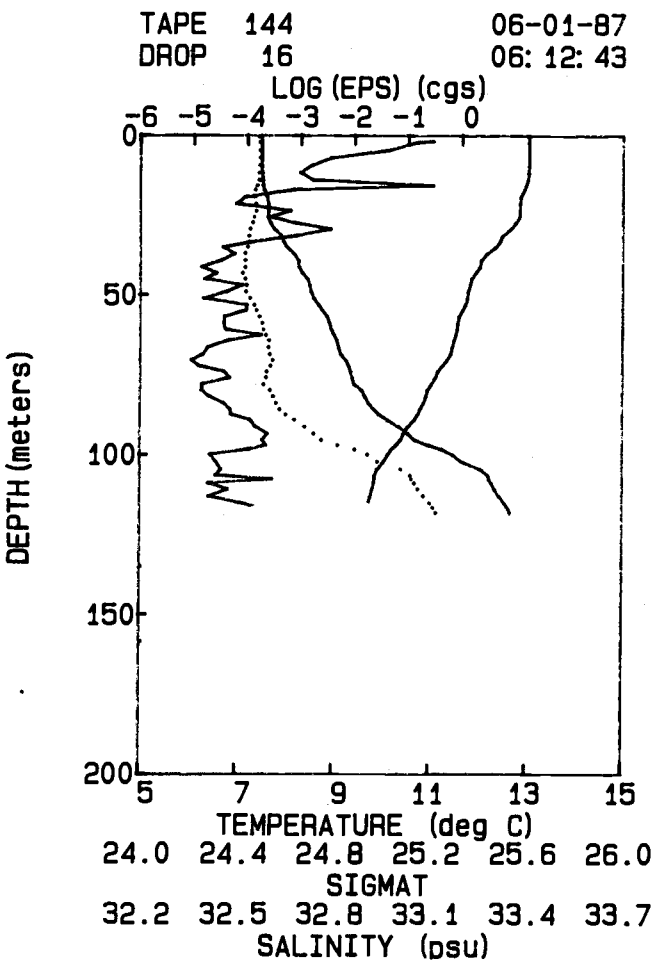
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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50
100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
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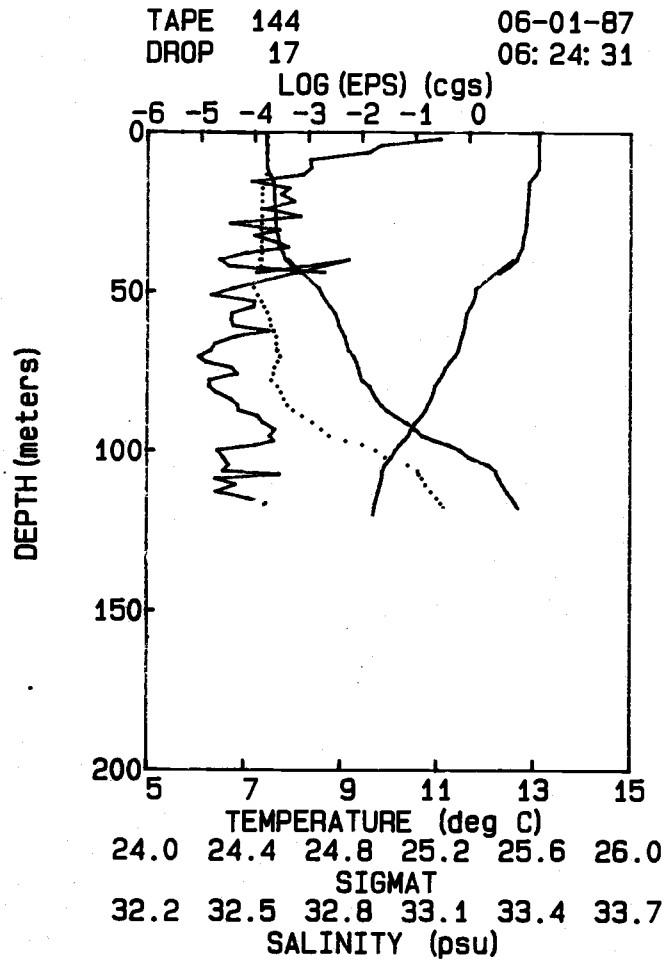
SALINITY (psu)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DROP 17
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06: 24: 31
LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
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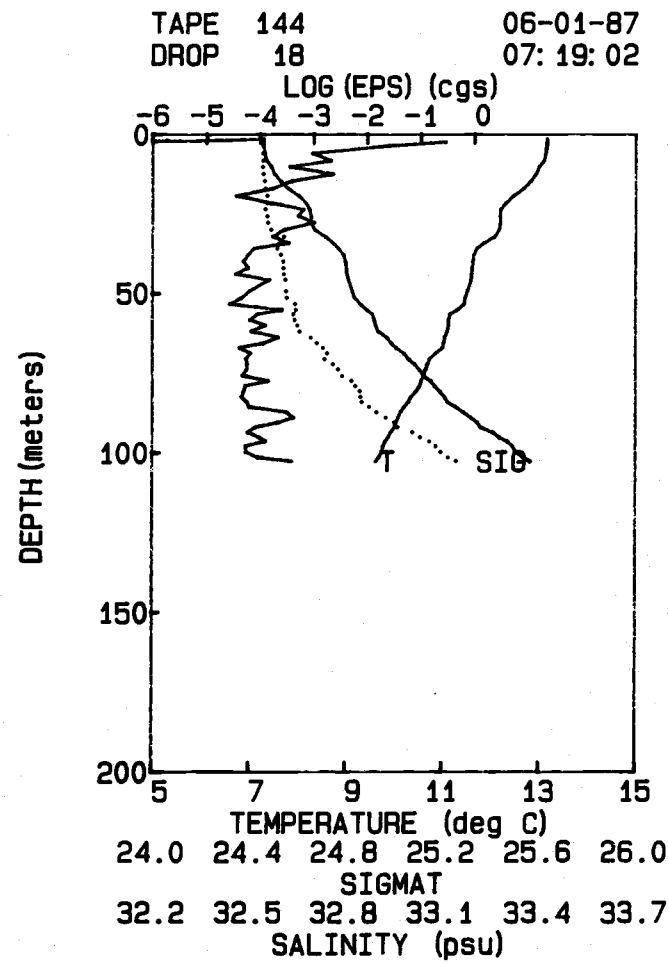
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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07: 19: 02
LOG (EPS) (cgs)
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DEPTH (meters)
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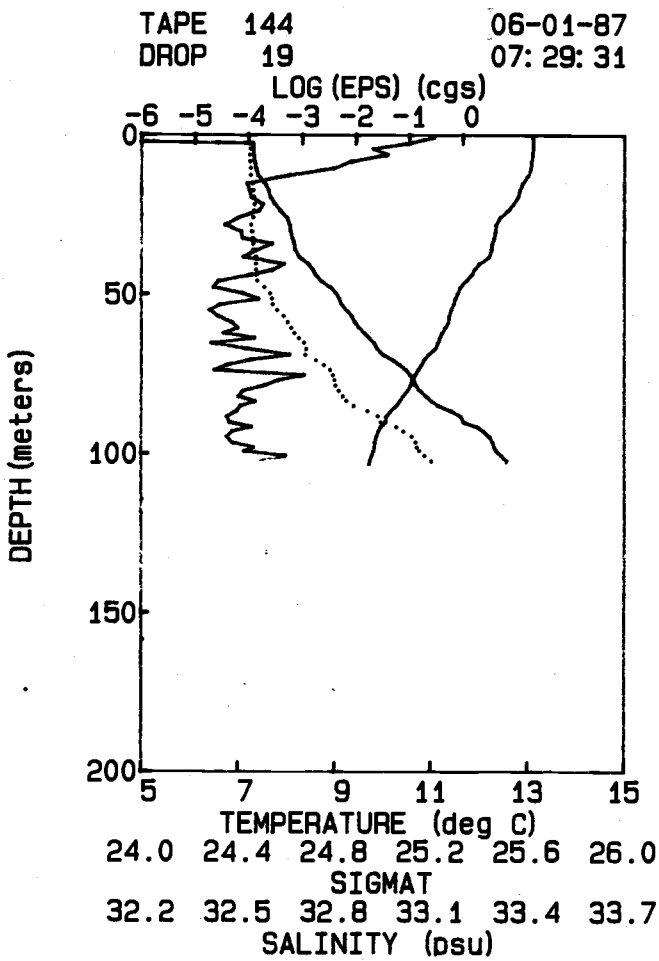
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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200
5 7 9 11 13 15
TEMPERATURE (deg C)
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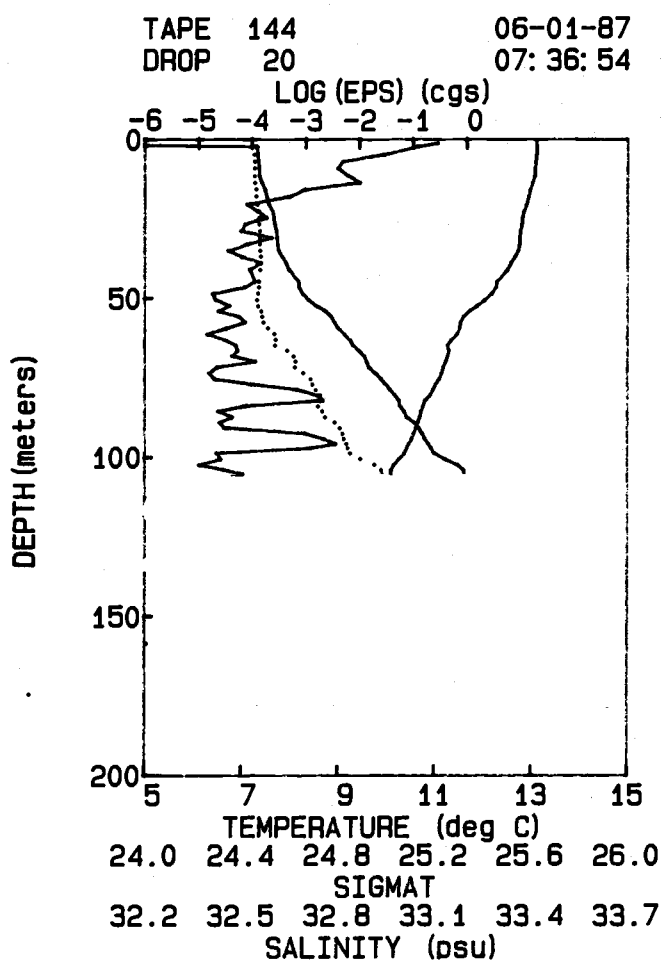
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DROP 20
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LOG (EPS) (cgs)
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DEPTH (meters)
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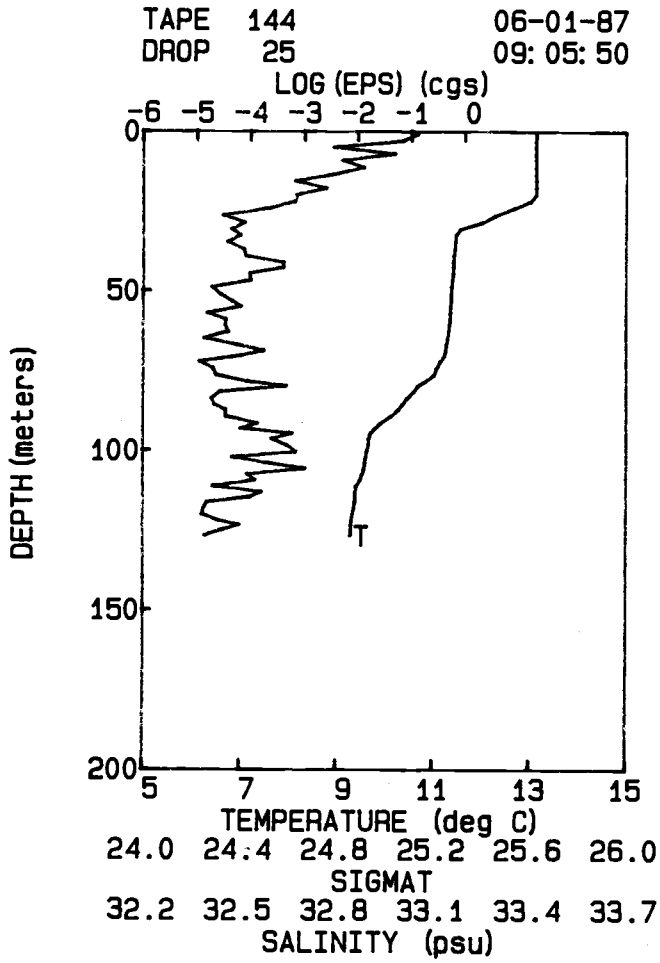
200
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DROP 25
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09: 05: 50
LOG (EPS) (cgs)
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DEPTH (meters)
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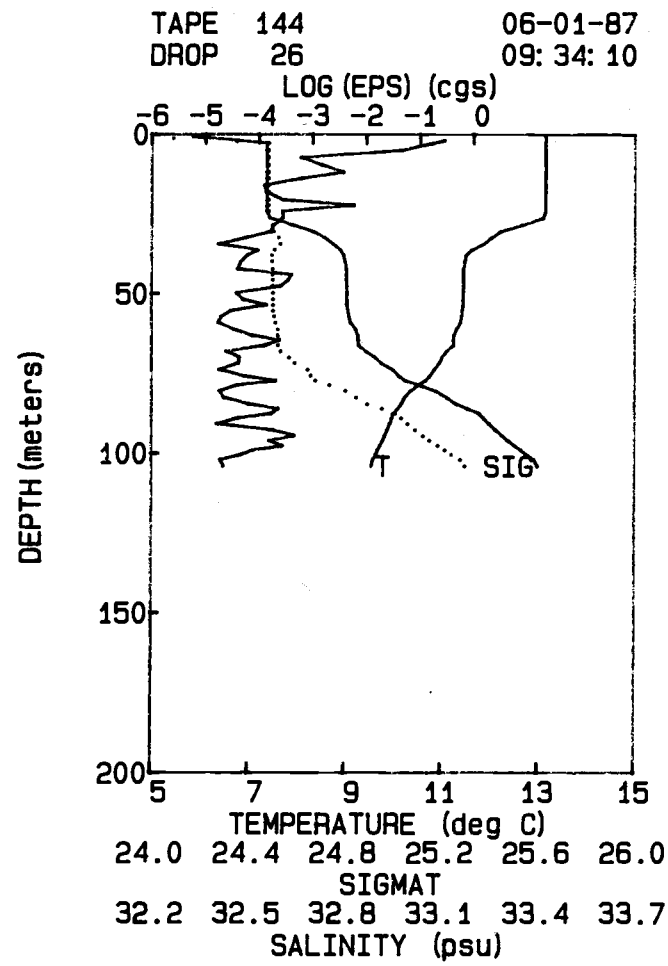
100
150
200
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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100
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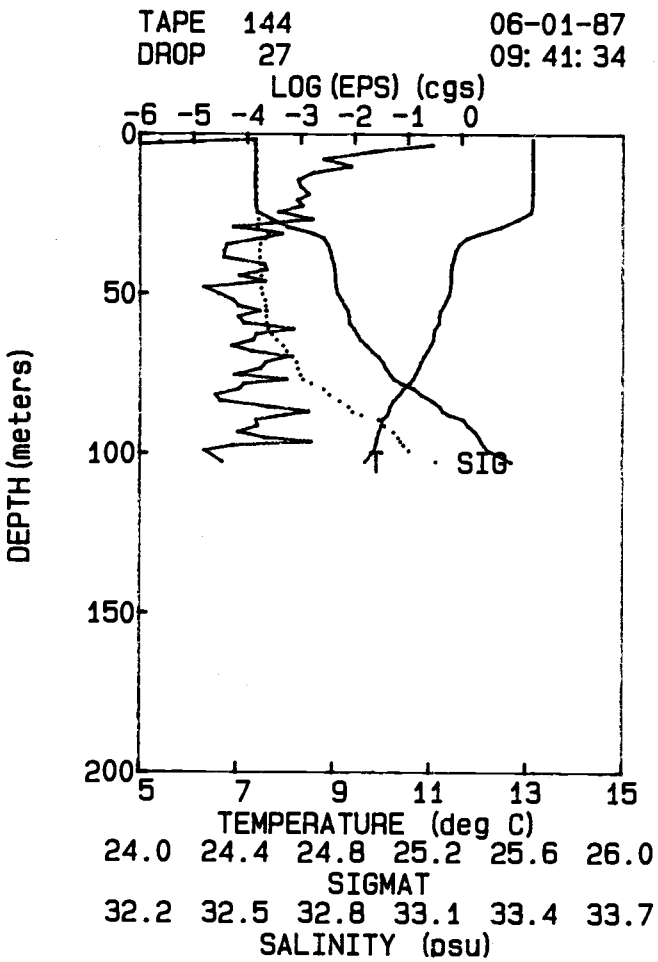
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
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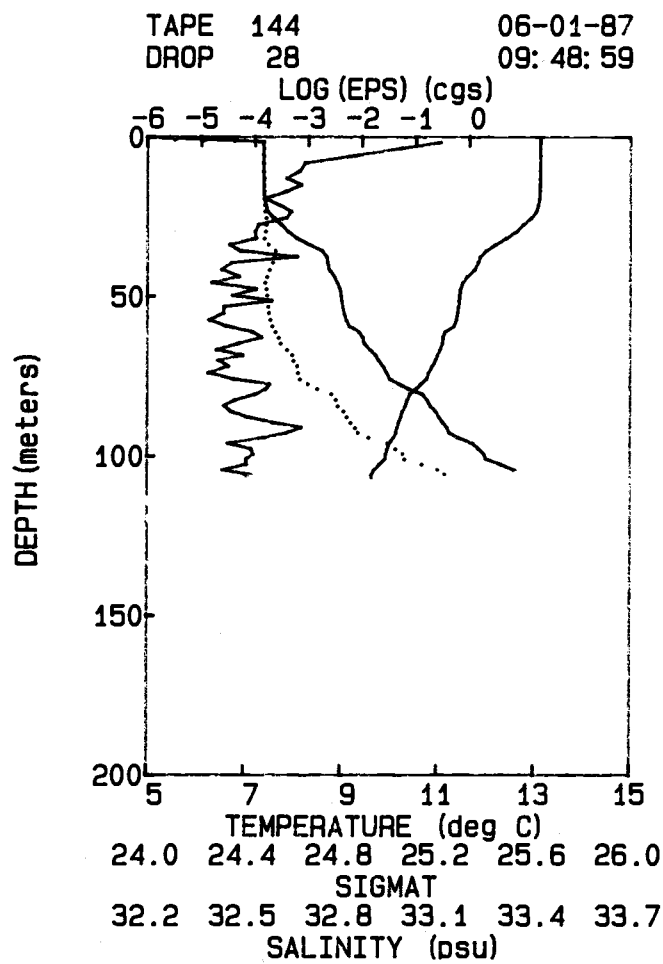
SALINITY (psu)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100
150
200
5 7 9 11 13 15
TEMPERATURE (deg C)
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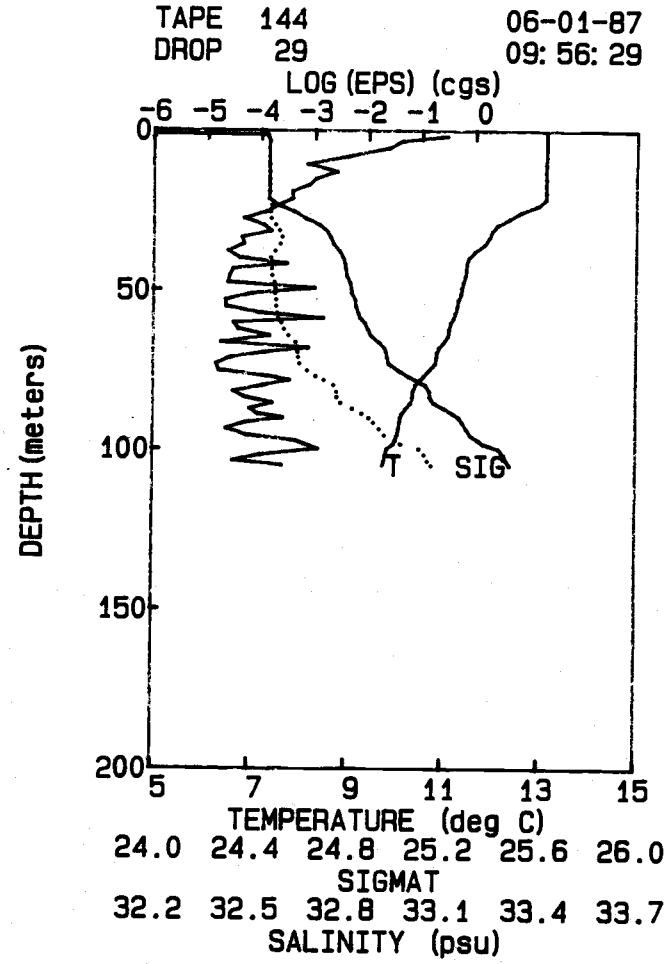
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DROP 29
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LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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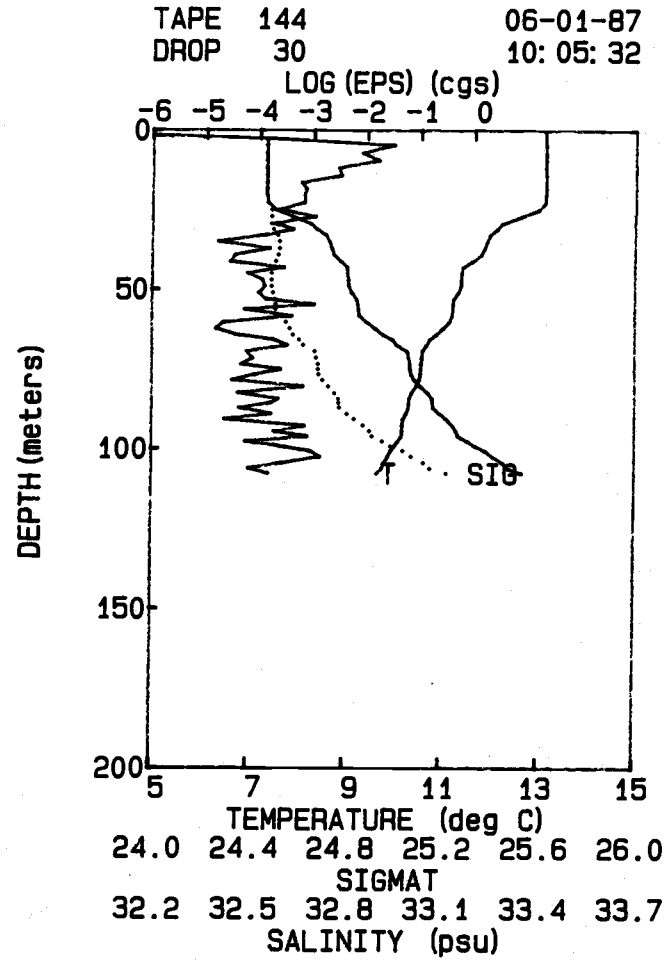
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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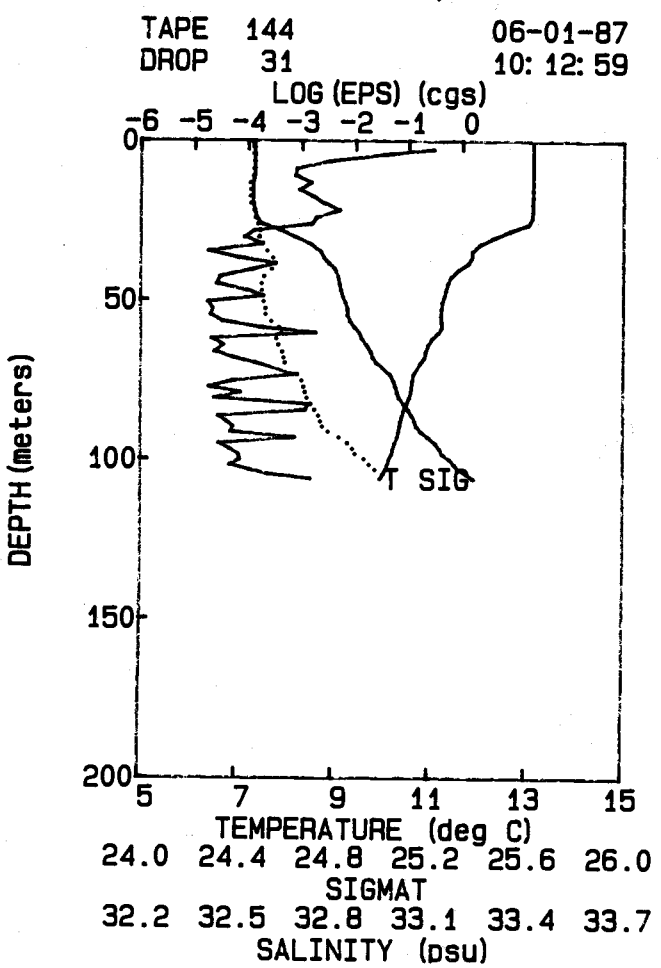
SALINITY (psu)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DEPTH (meters)
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150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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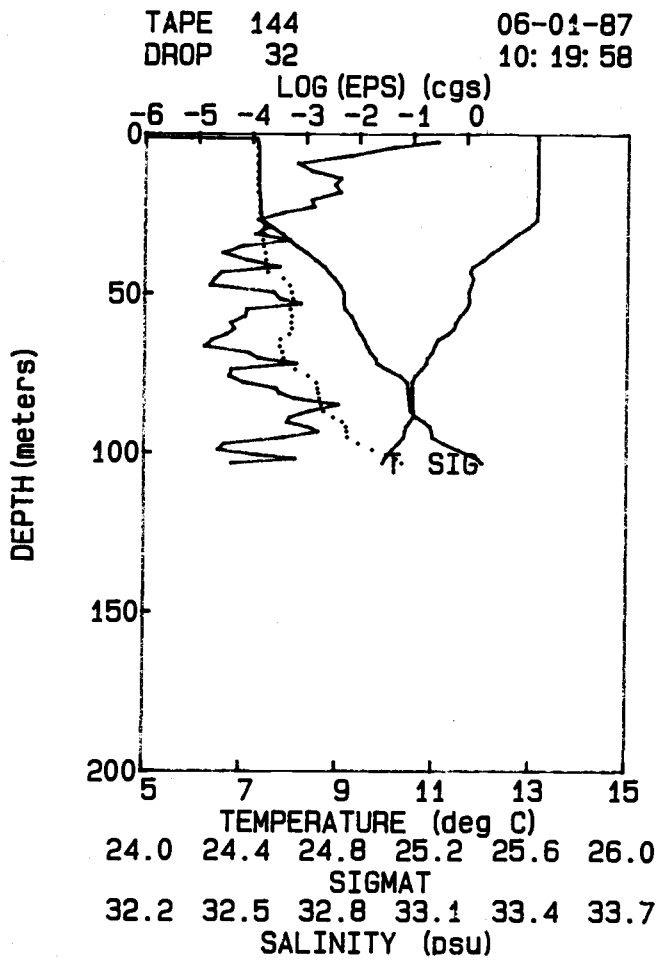
SALINITY (psu)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200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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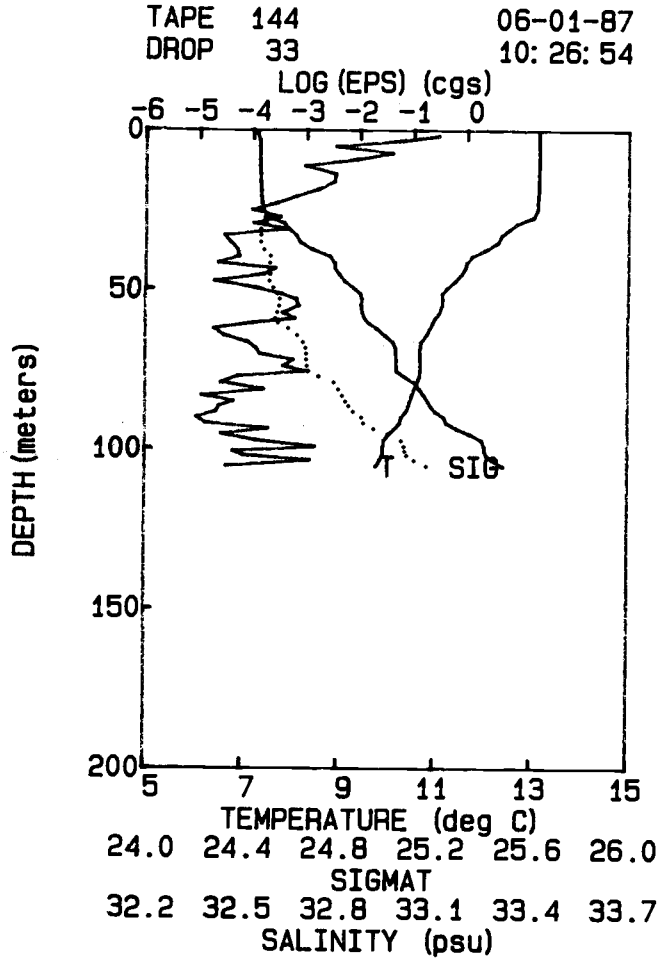
SALINITY (psu)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DEPTH (meters)
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50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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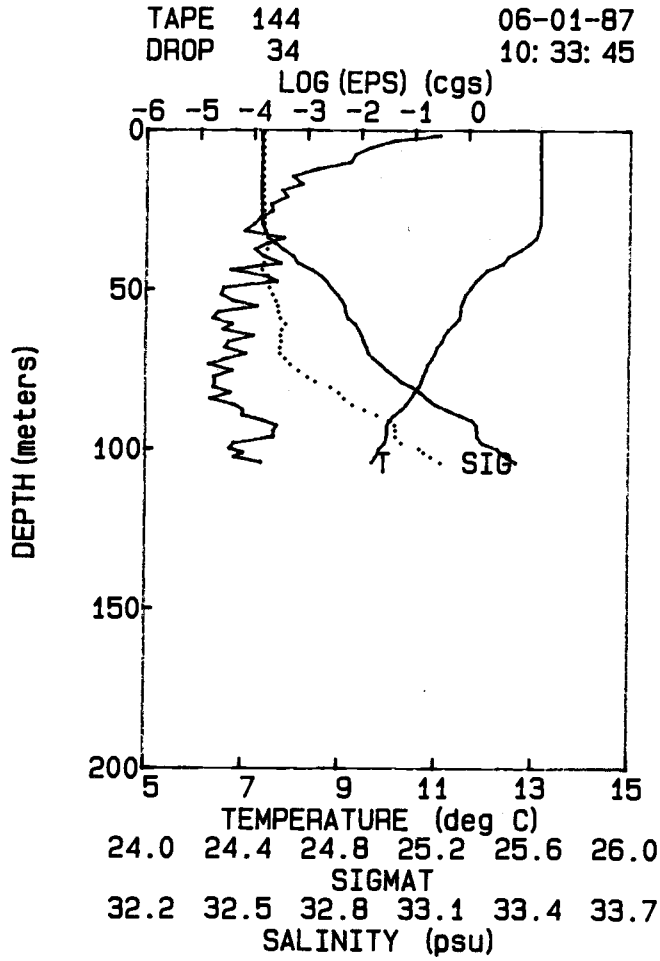
SALINITY (psu)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100
150
200
T
SIG
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TEMPERATURE (deg C)
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SIGMAT
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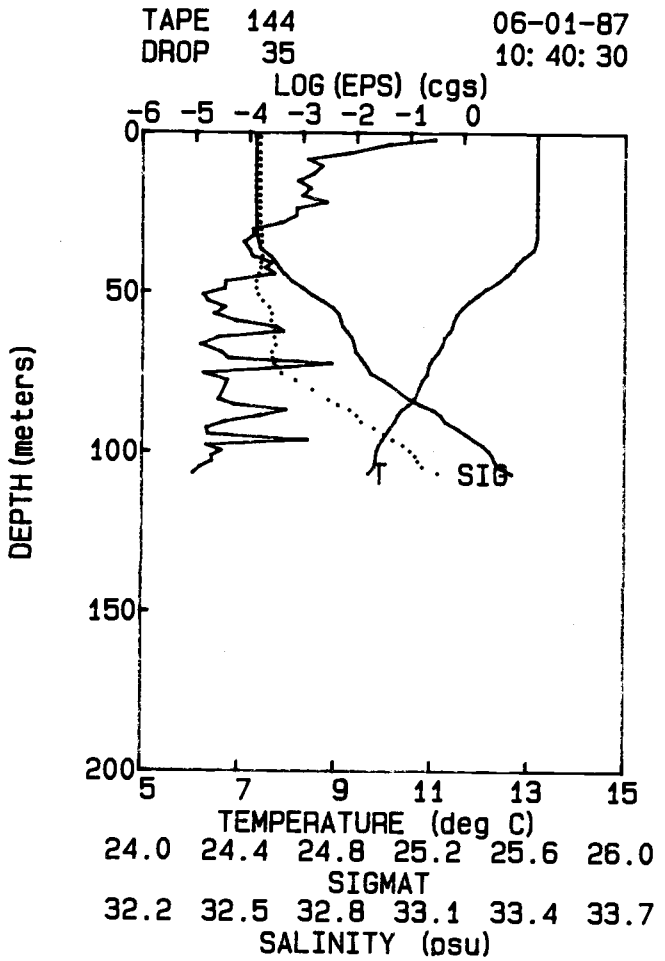
SALINITY (psu)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DEPTH (meters)
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200
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SIG
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TEMPERATURE (deg C)
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SIGMAT
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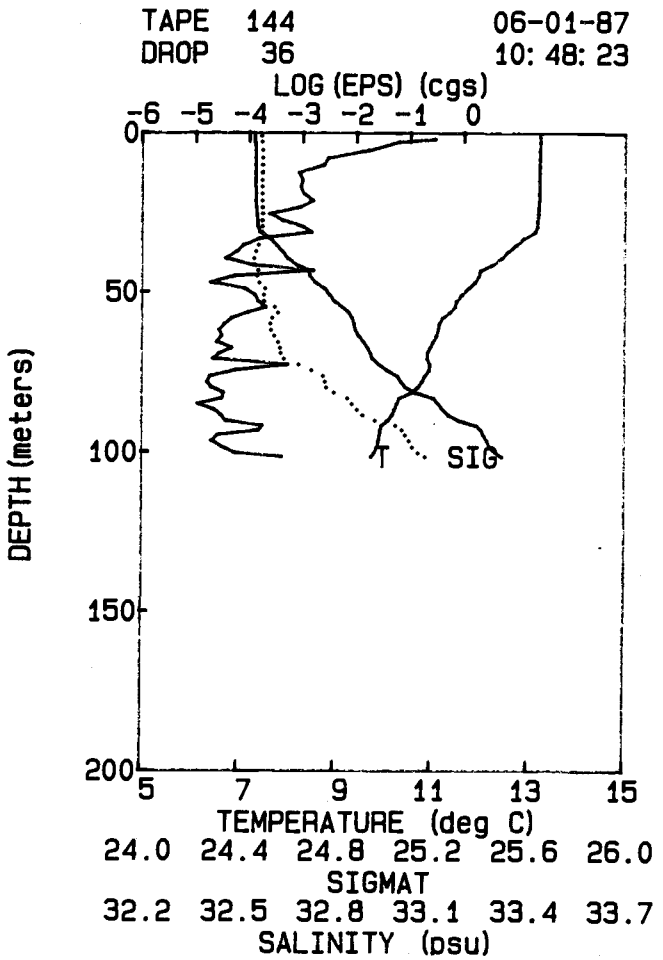
SALINITY (psu)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LOG (EPS) (cgs)
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150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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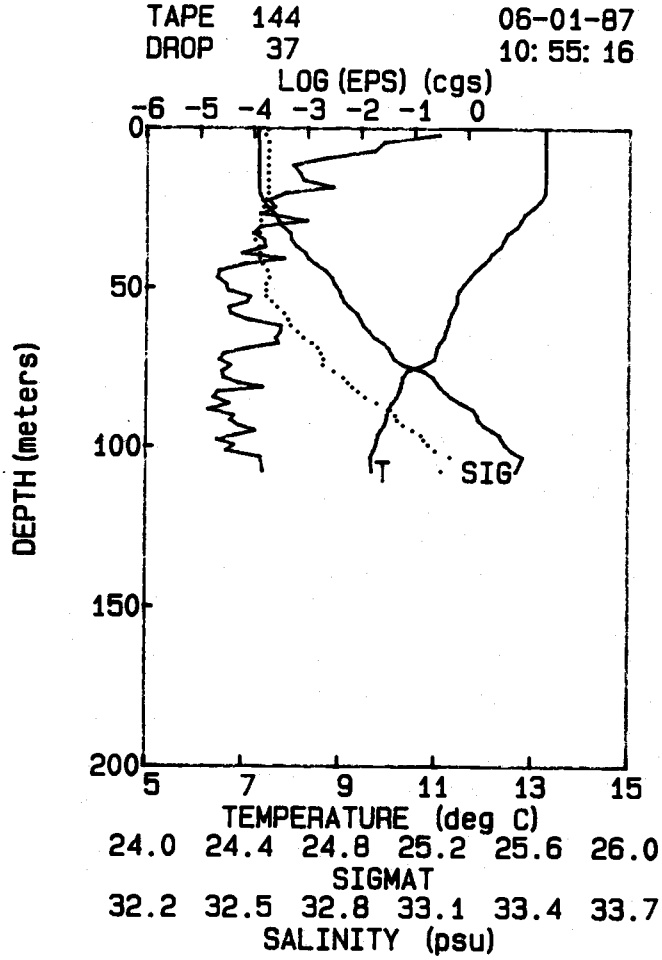
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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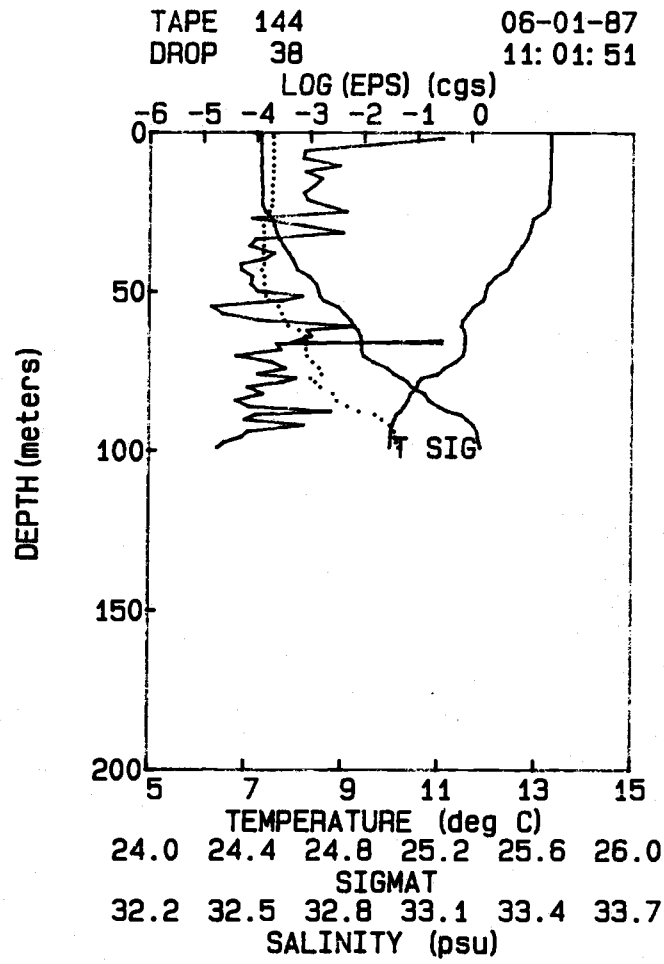
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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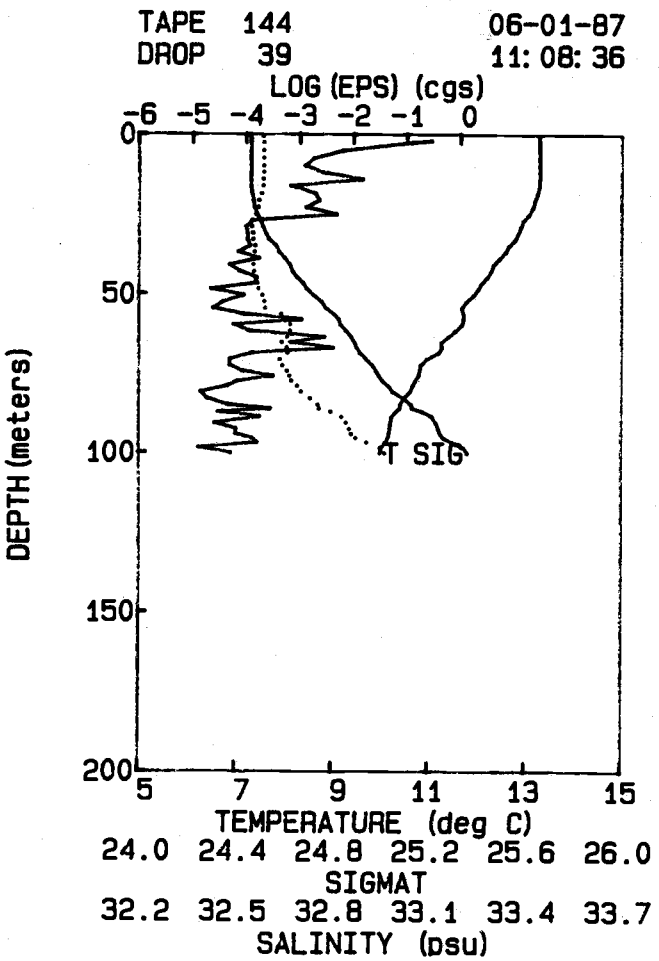
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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LOG (EPS) (cgs)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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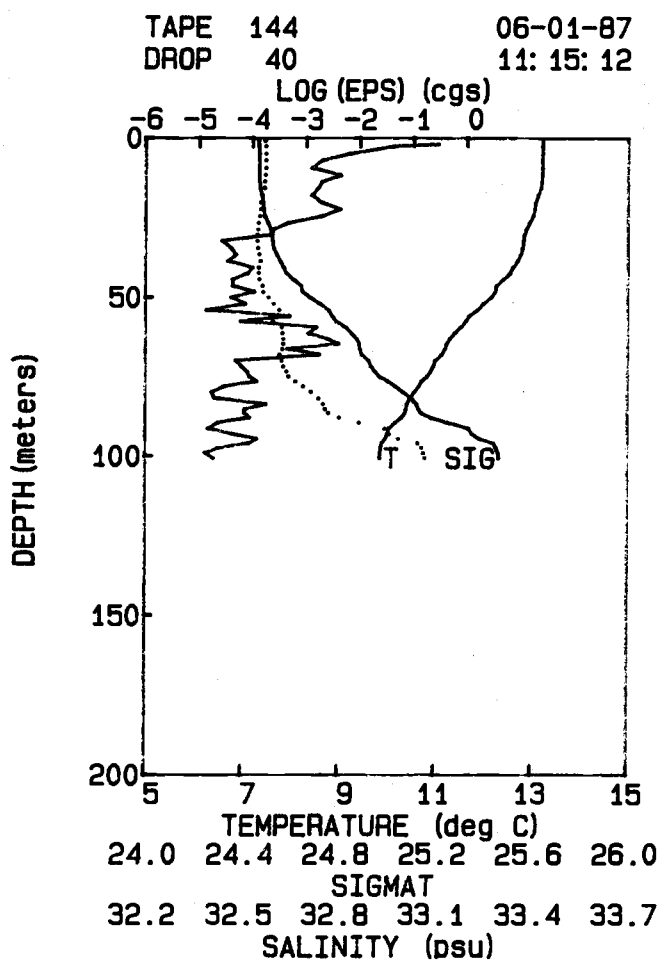
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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11: 15: 12
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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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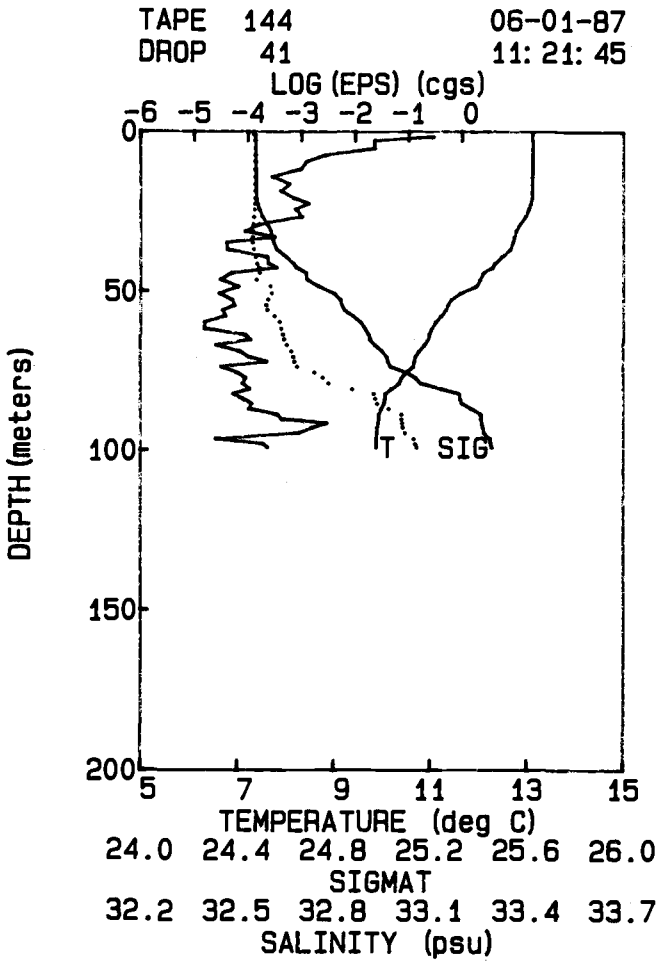
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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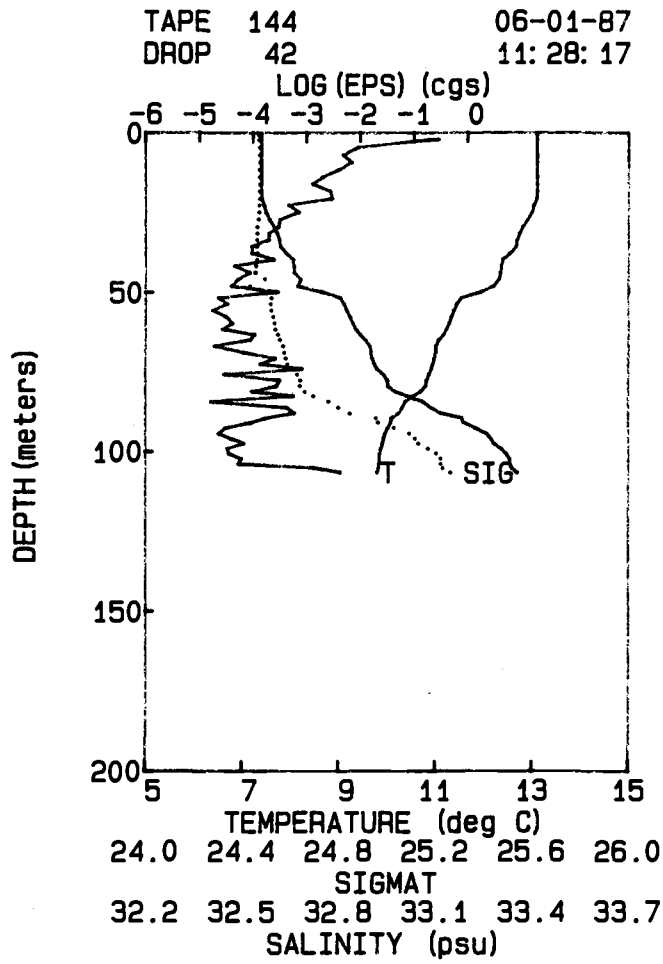
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 144
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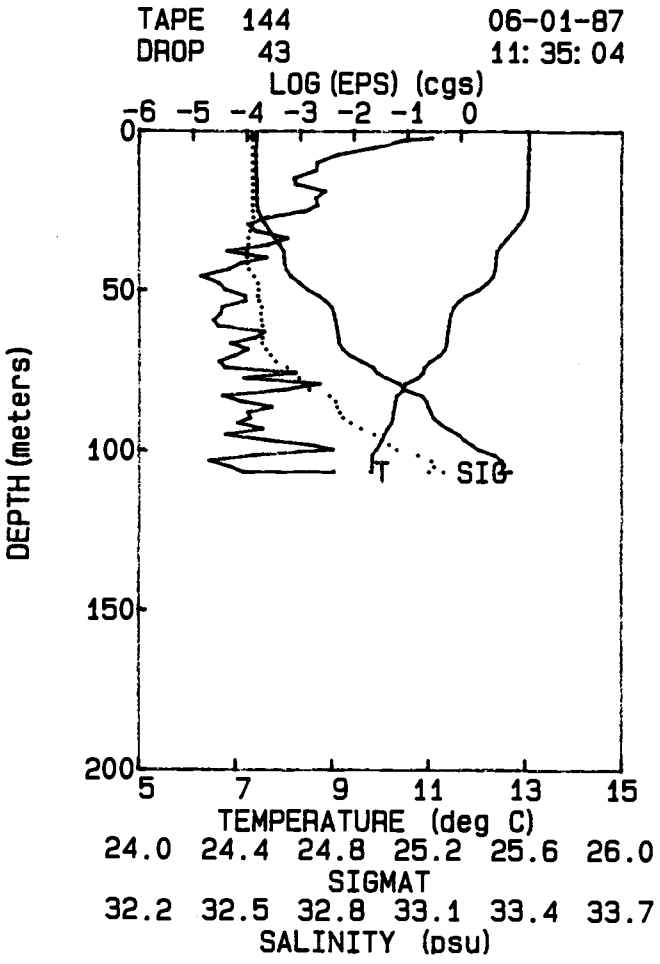
06-01-87
11: 28: 17
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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06-01-87
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DEPTH (meters)
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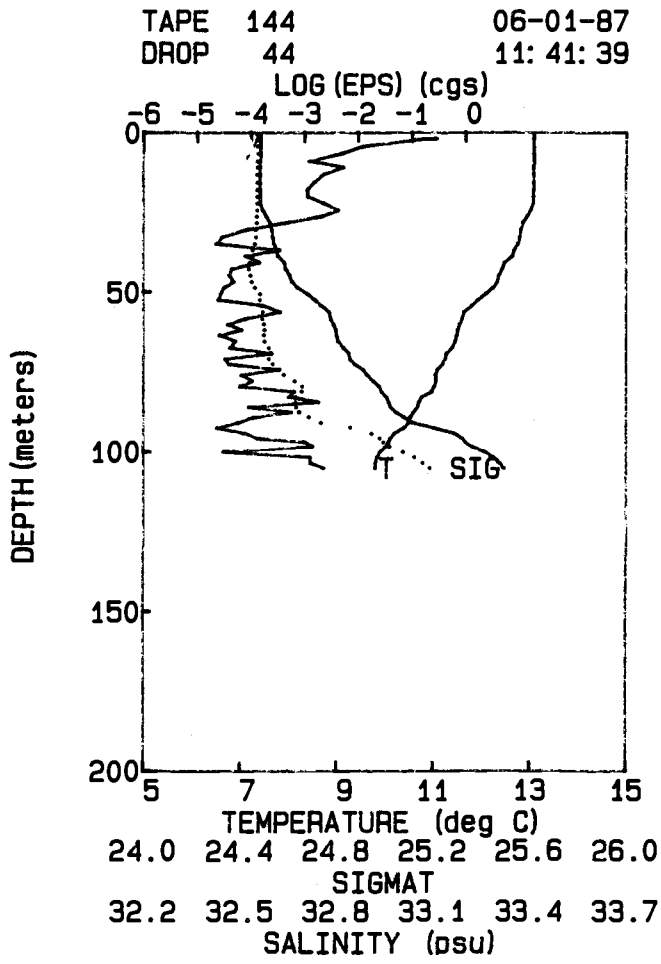
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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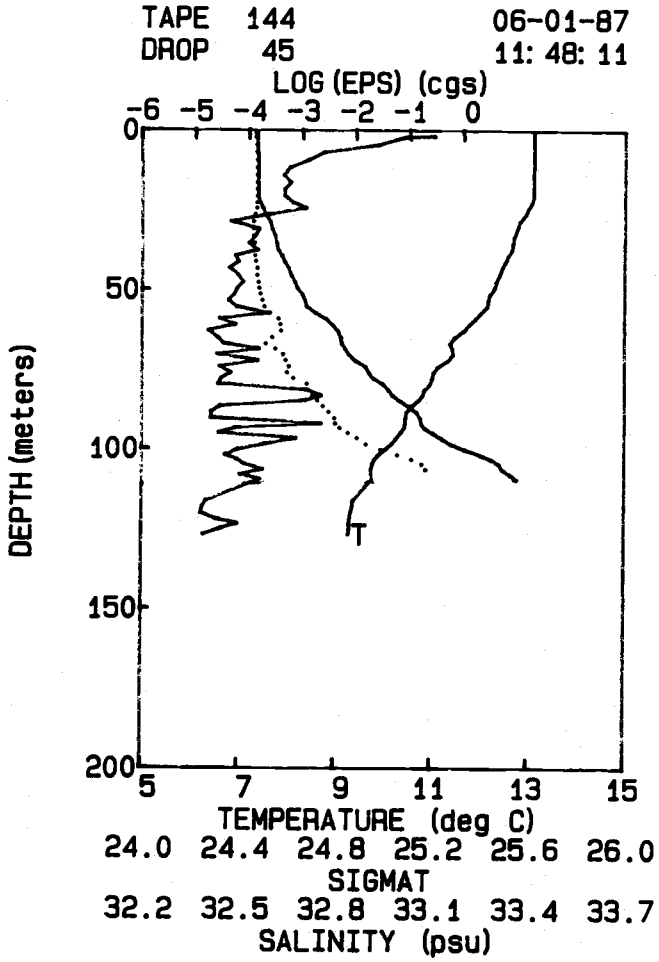
SALINITY (psu)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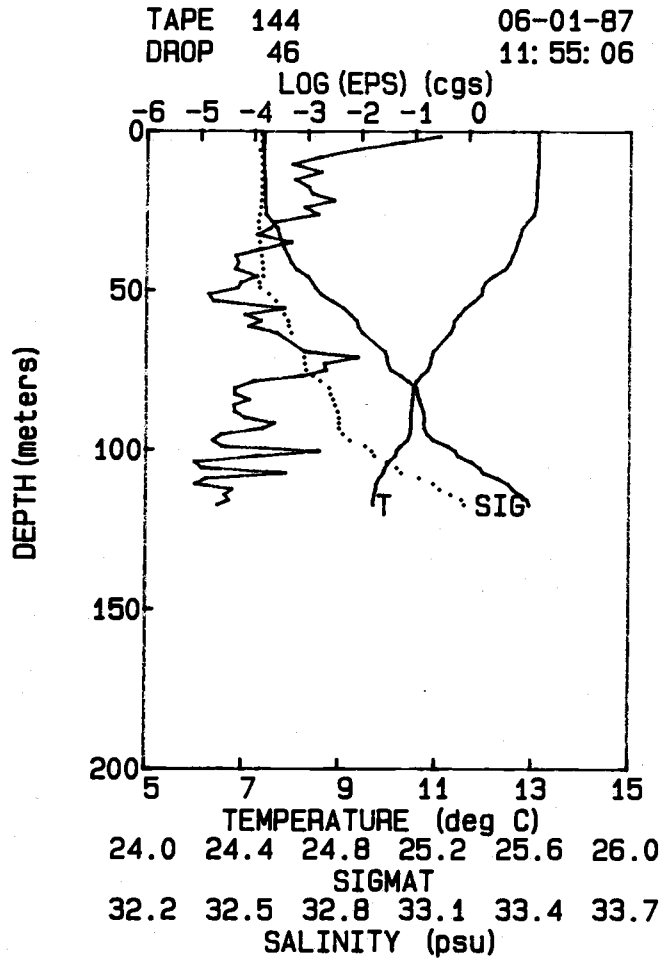
100
150
200
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
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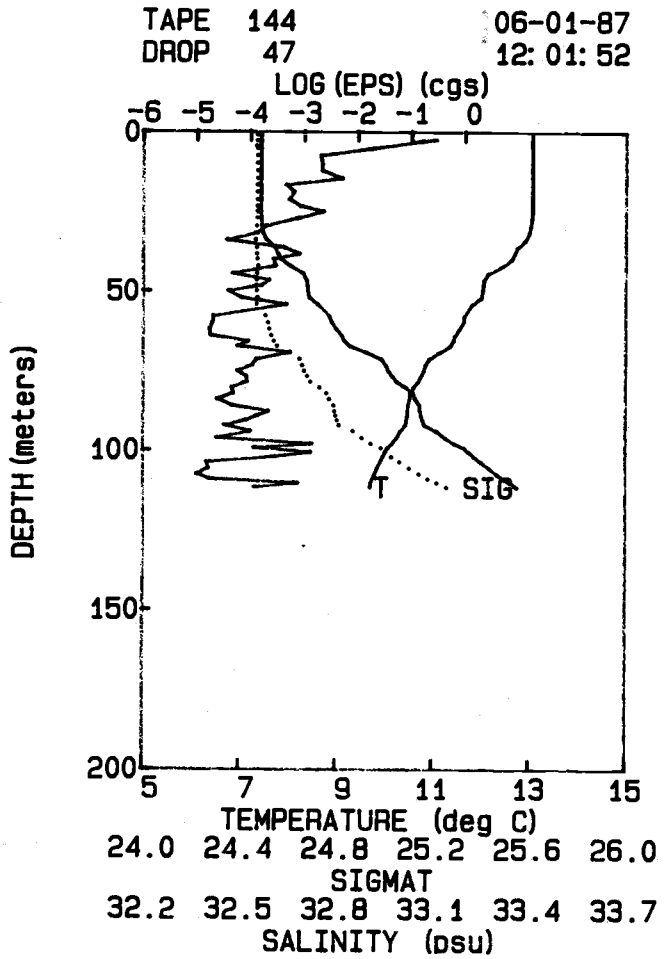
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12: 01: 52
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DEPTH (meters)
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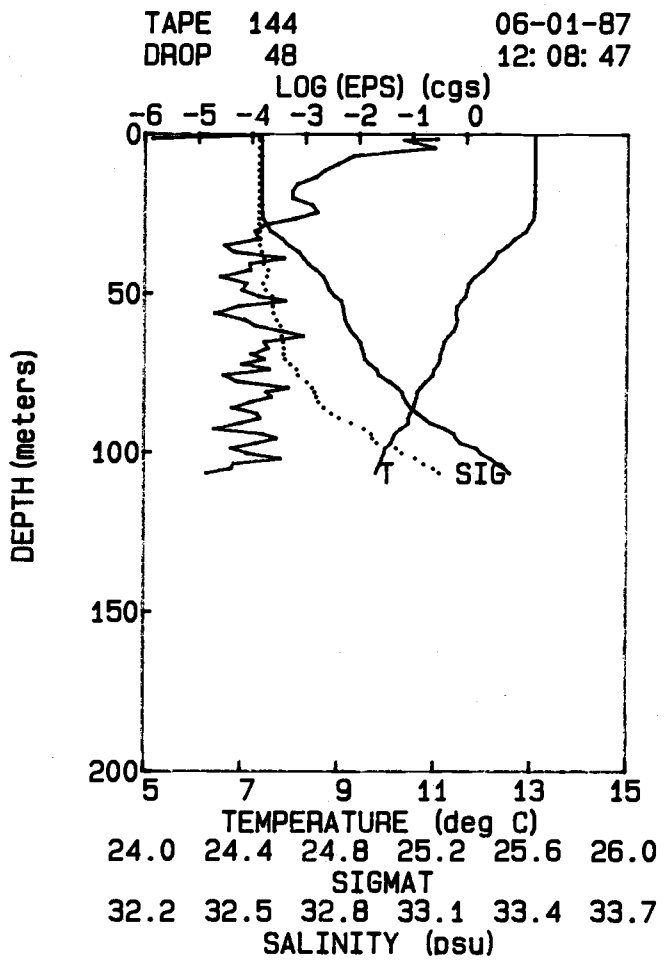
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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12: 08: 47
LOG (EPS) (cgs)
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DEPTH (meters)
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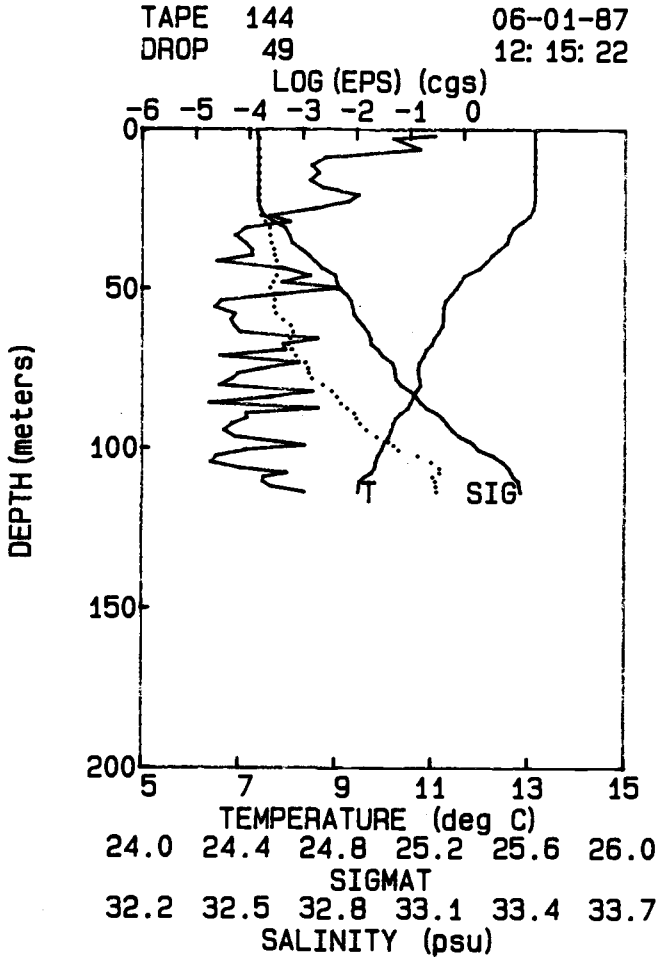
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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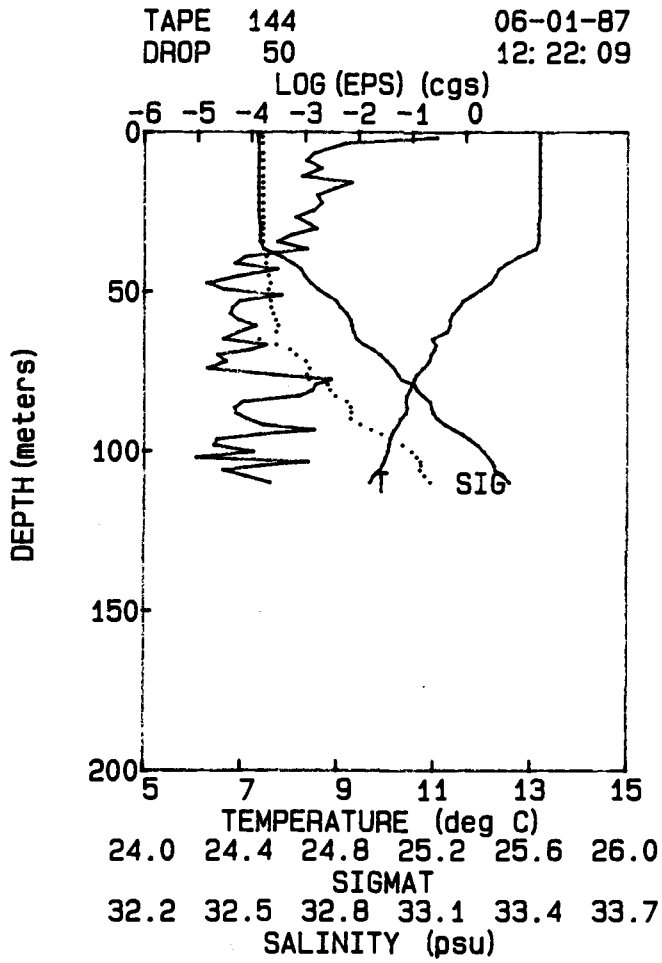
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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12: 22: 09
LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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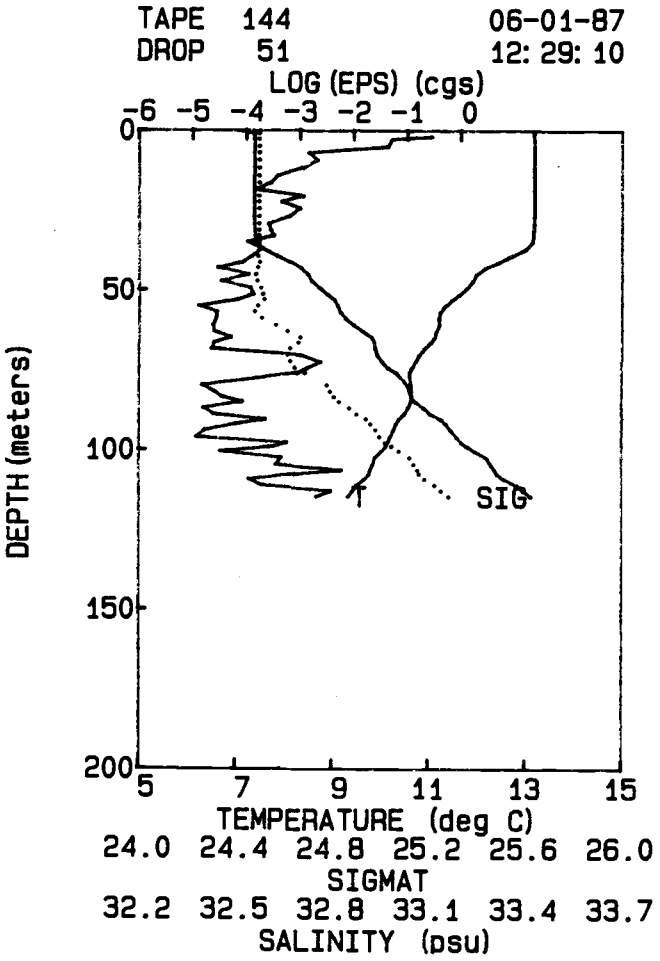
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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12: 29: 10
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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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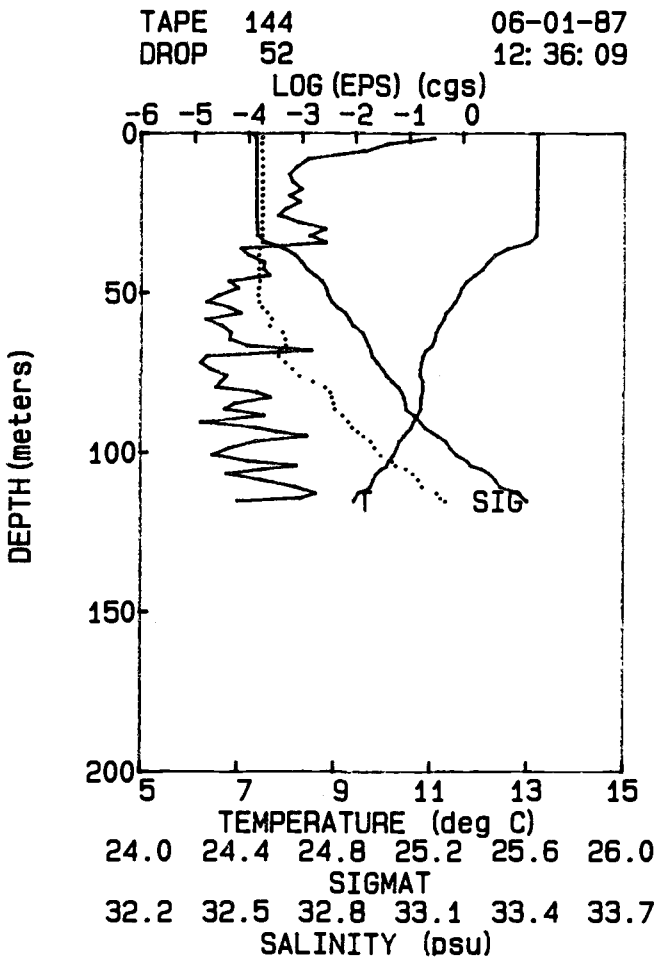
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DROP 52
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12: 36: 09
LOG (EPS) (cgs)
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DEPTH (meters)
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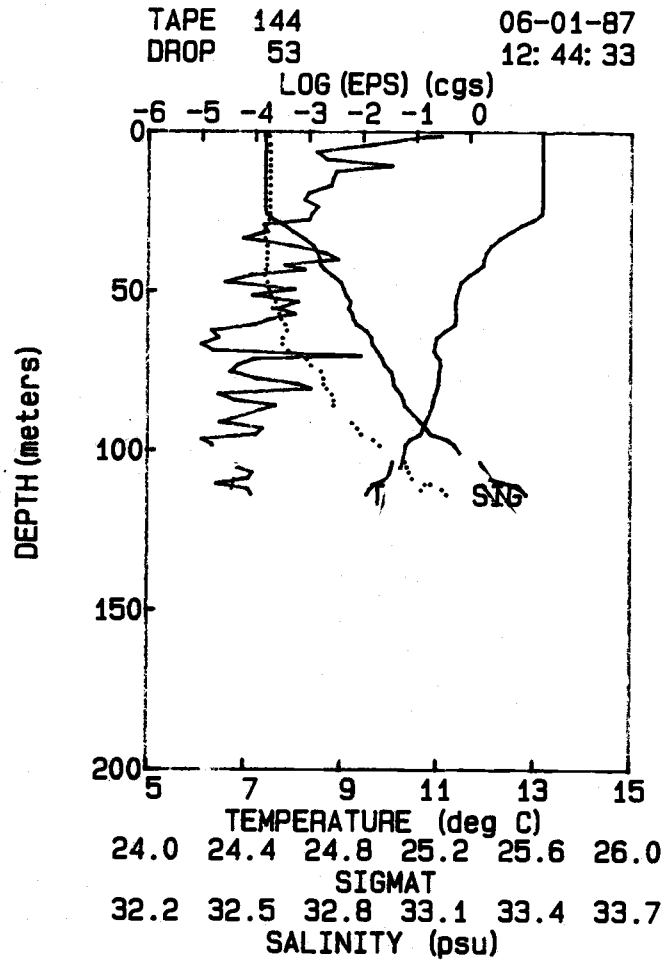
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 144
DROP 53
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12: 44: 33
LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
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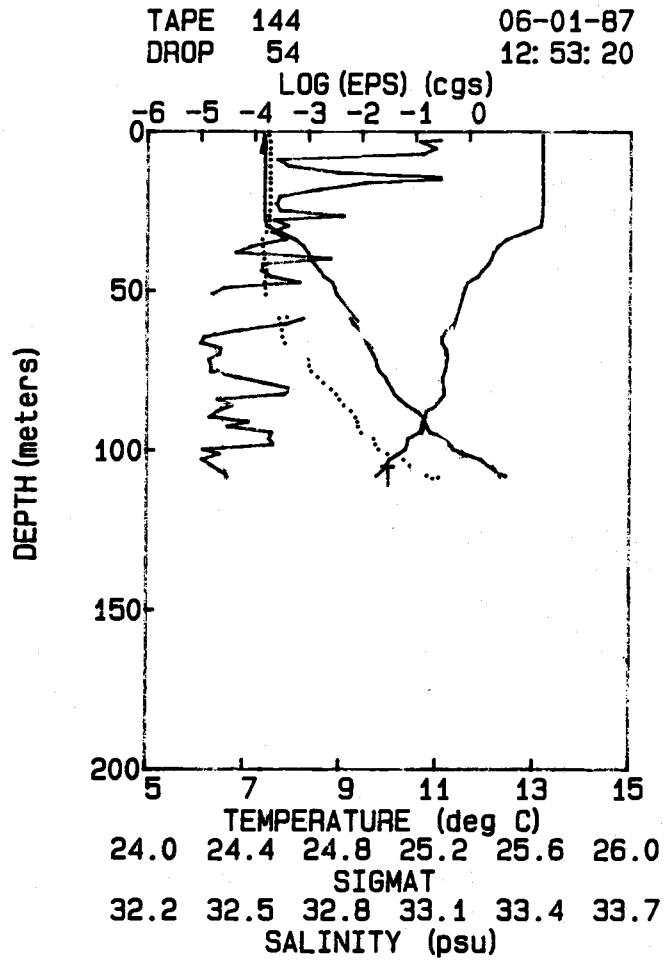
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12: 53: 20
LOG (EPS) (cgs)
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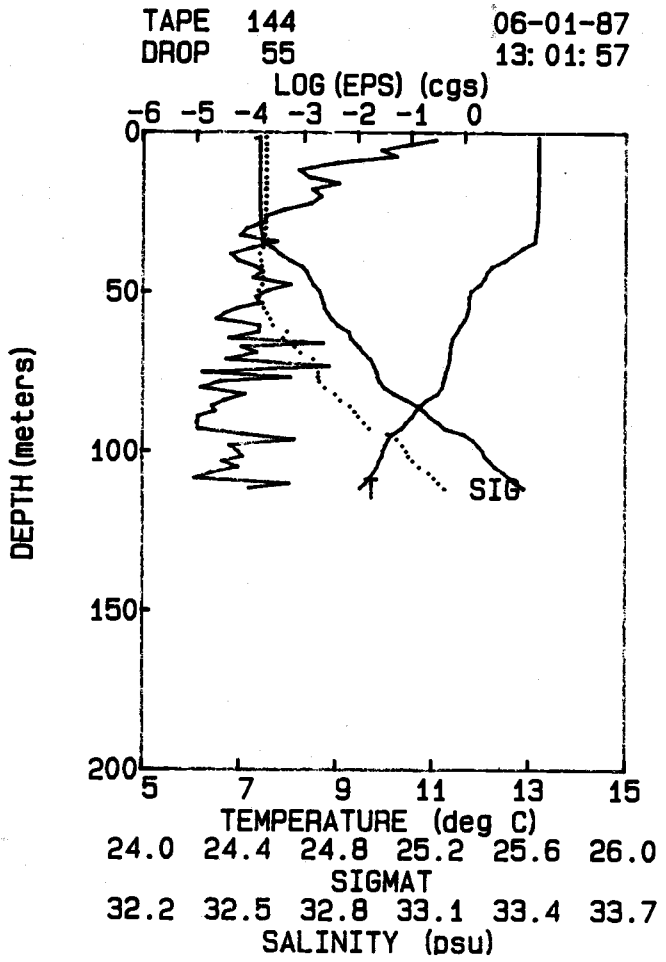
DEPTH (meters)
0
50
100
150
200
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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06-01-87
13: 01: 57
LOG (EPS) (cgs)
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DEPTH (meters)
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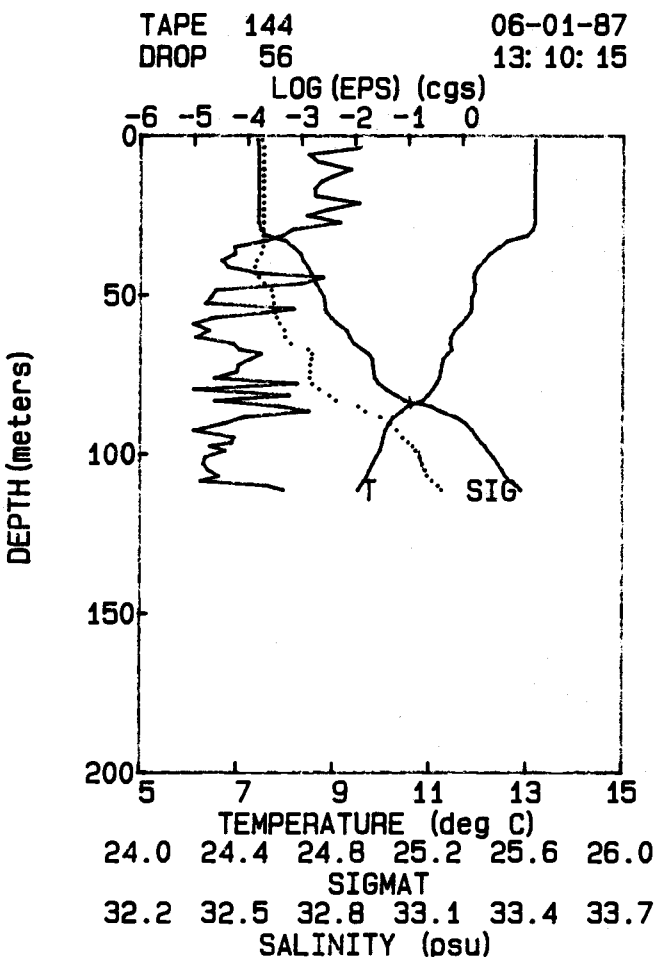
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DROP 56
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DEPTH (meters)
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50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
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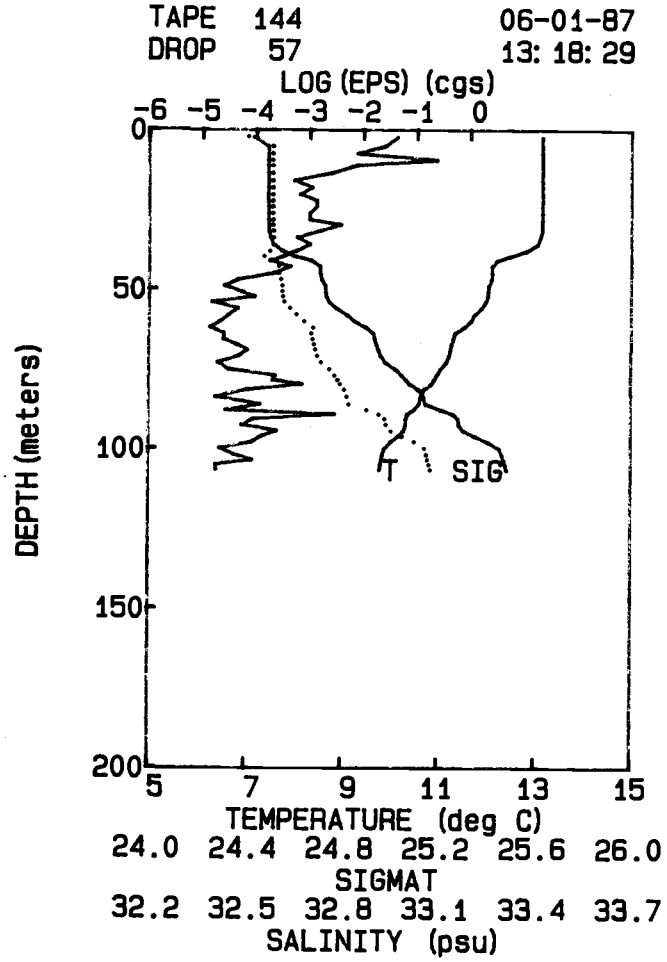
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DROP 57
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13: 18: 29
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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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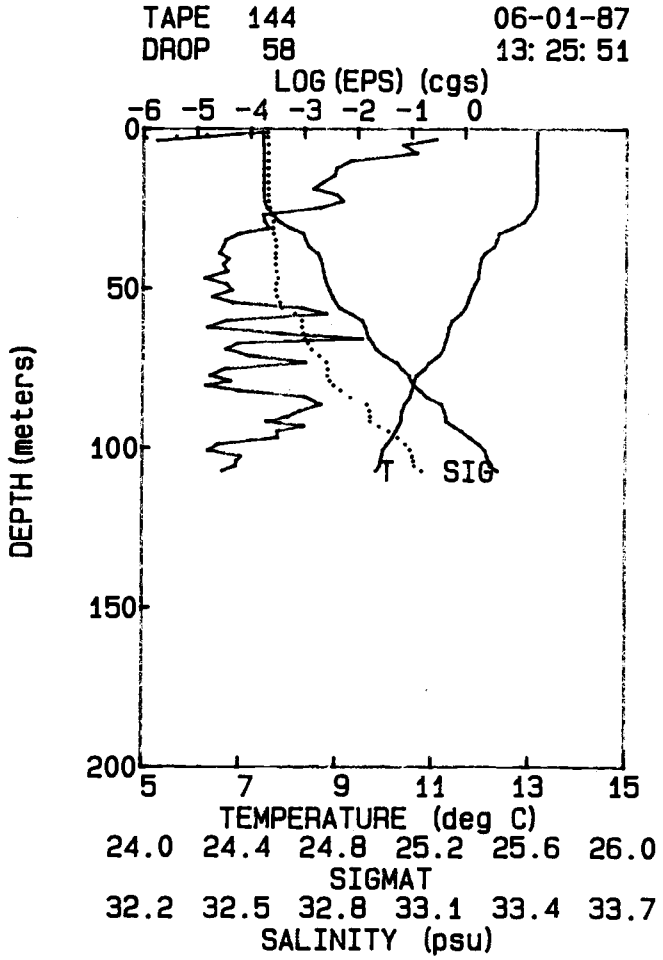
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 144
DROP 58
06-01-87
13: 25: 51
LOG (EPS) (cgs)
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DEPTH (meters)
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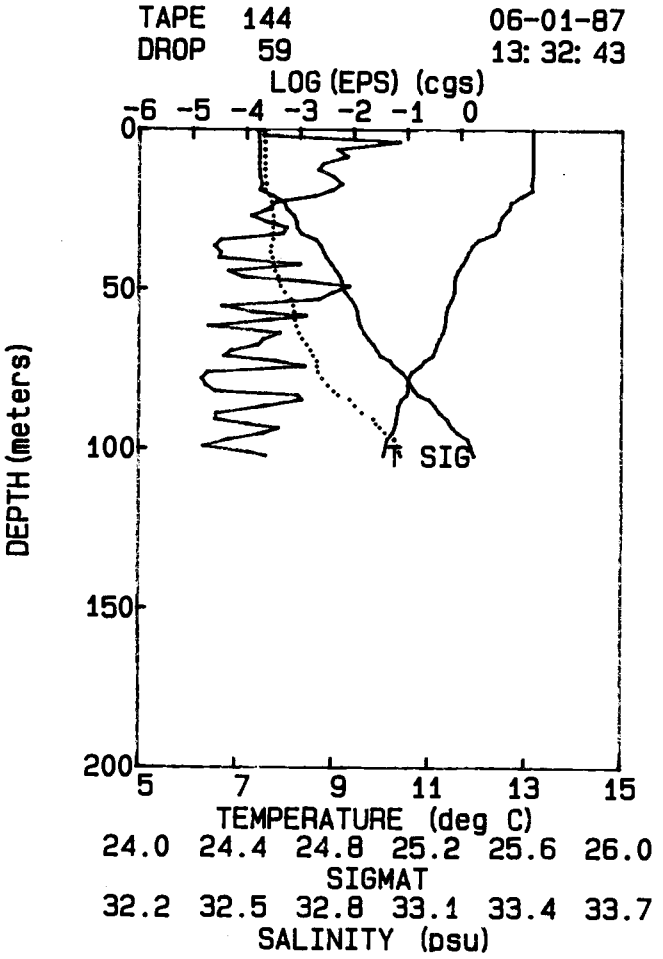
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DROP 59
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13: 32: 43
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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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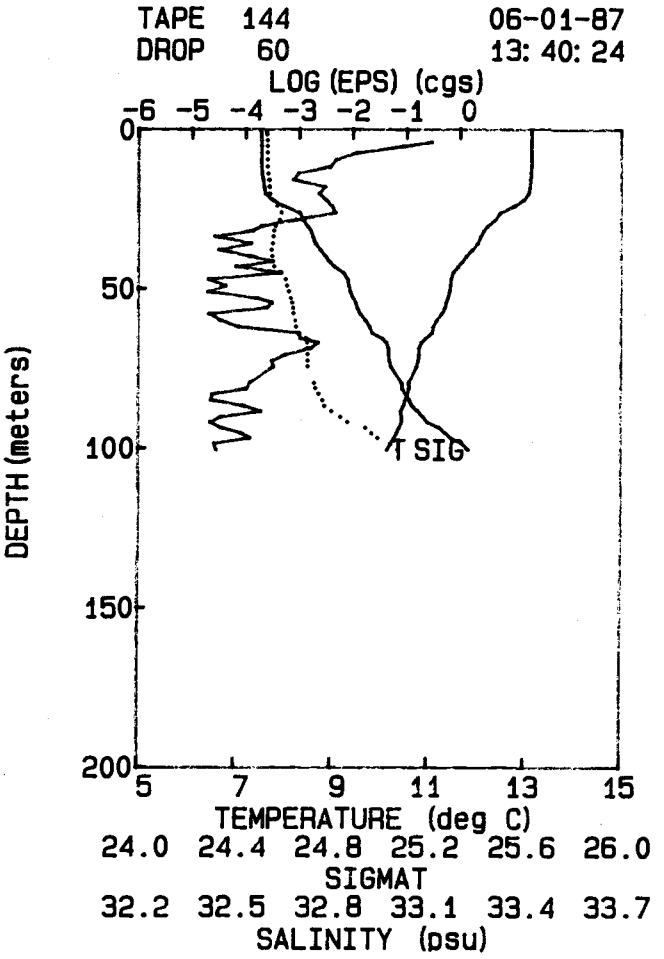
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DEPTH (meters)
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100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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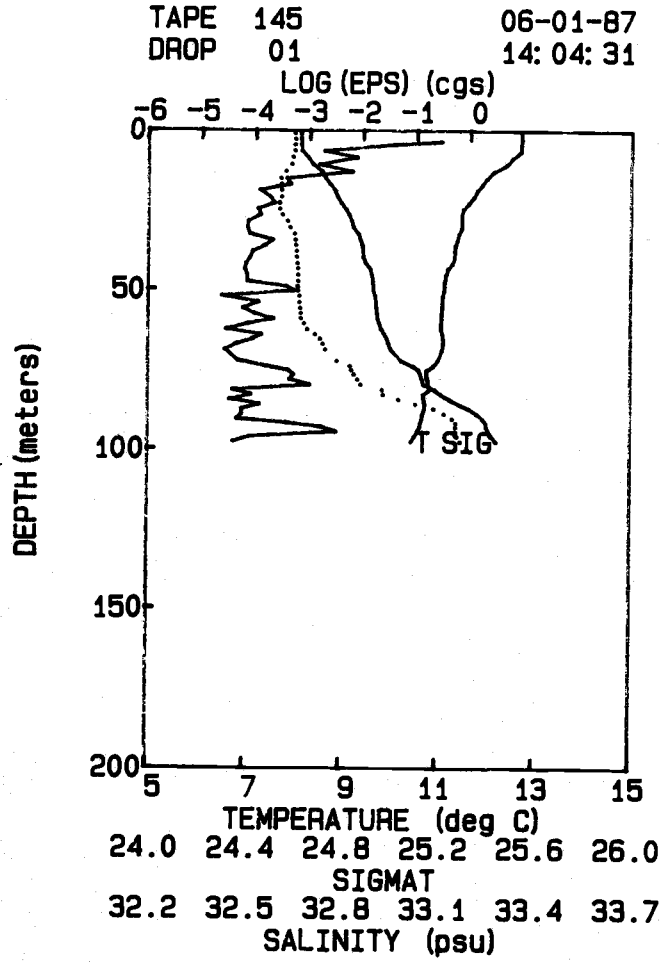
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 145
DROP 01
06-01-87
14: 04: 31
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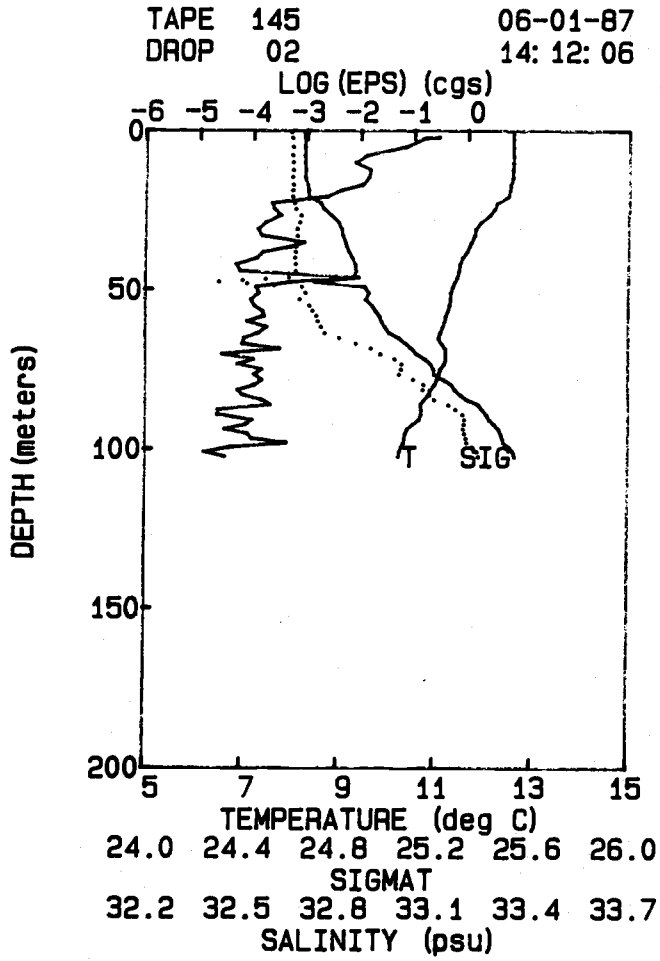
100
150
200
T SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 145
DROP 02
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14: 12: 06
LOG (EPS) (cgs)
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DEPTH (meters)
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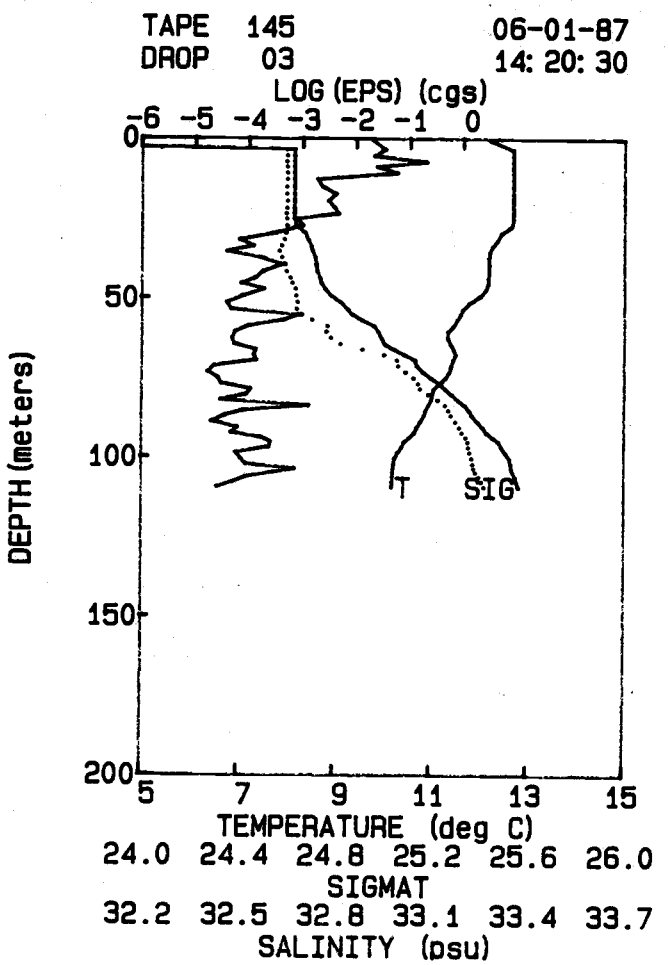
150
200
T SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DROP 03
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100
150
200
T SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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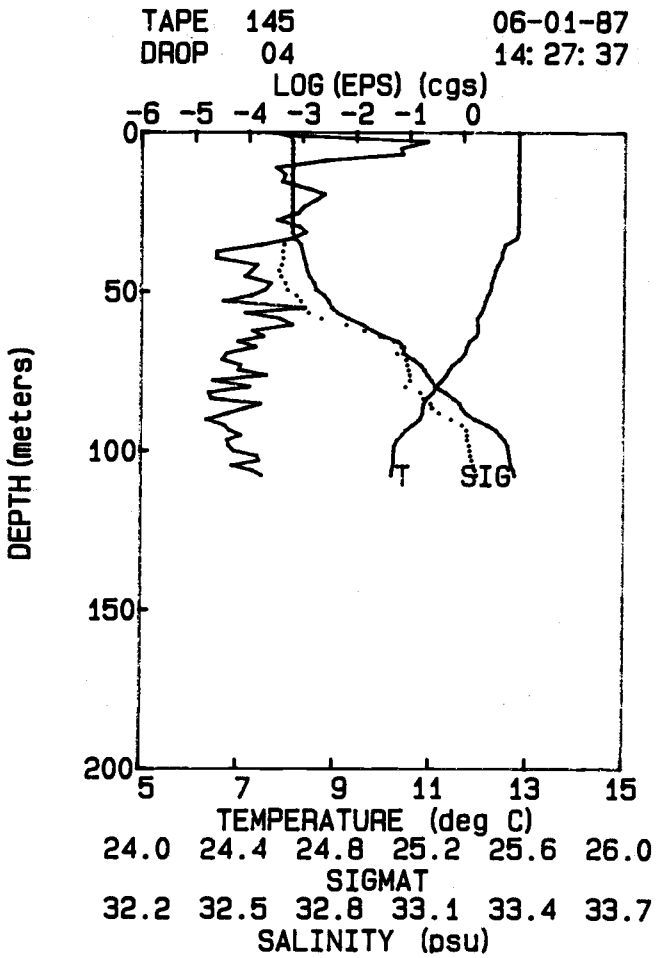
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 145
DROP 04
06-01-87
14: 27: 37
LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
T SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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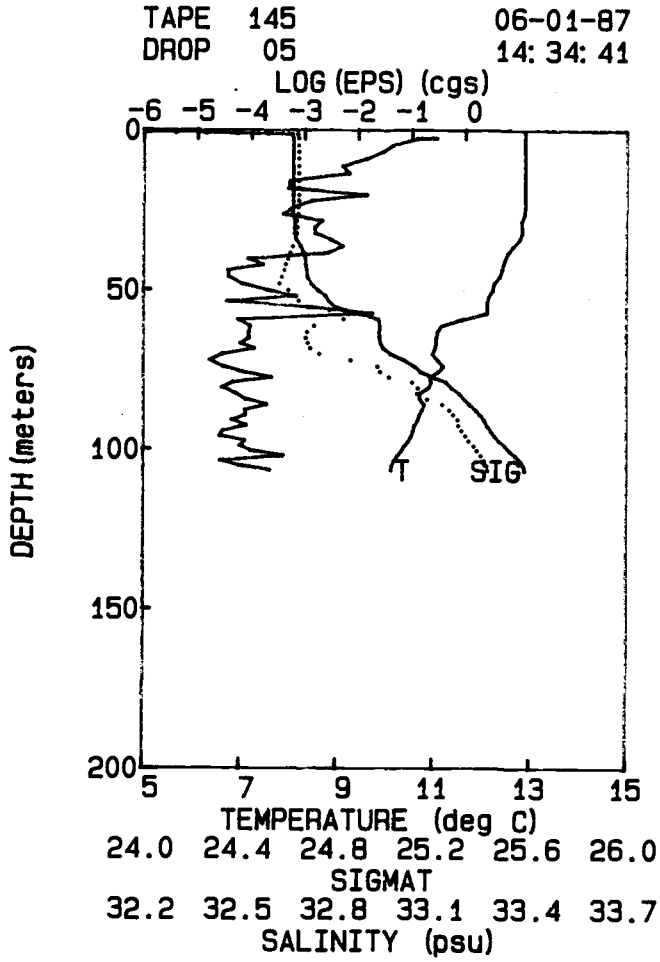
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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14: 34: 41
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DEPTH (meters)
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150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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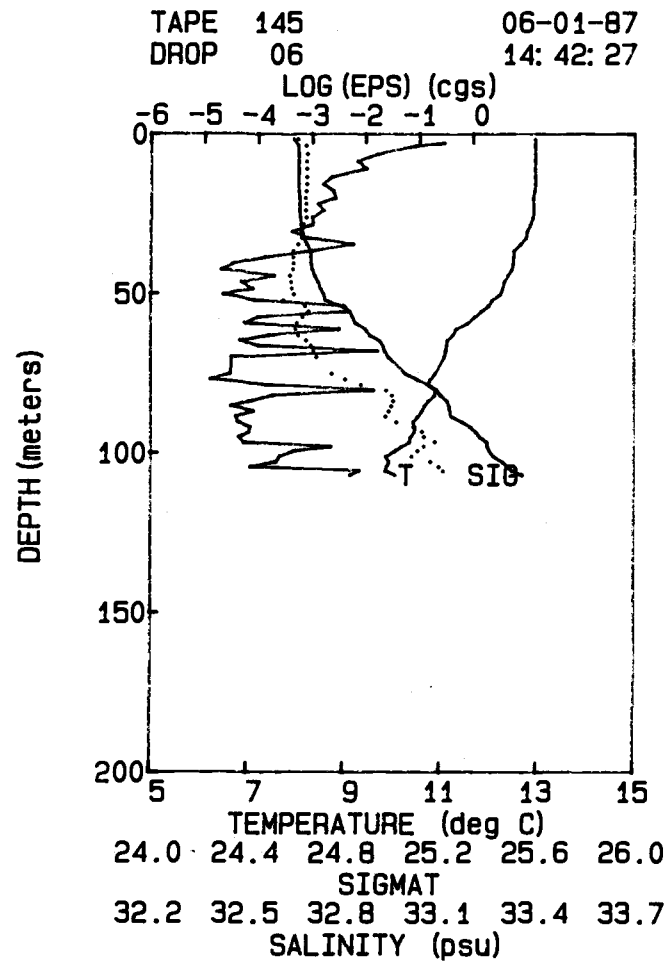
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 145
DROP 06
06-01-87
14: 42: 27
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DEPTH (meters)
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200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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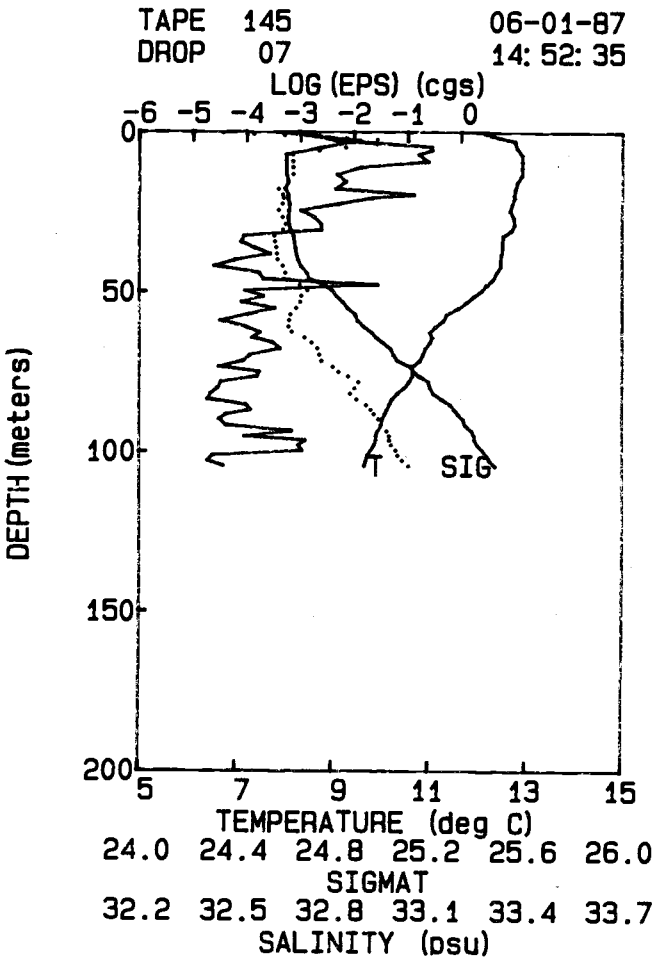
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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DROP 07
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14: 52: 35
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DEPTH (meters)
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150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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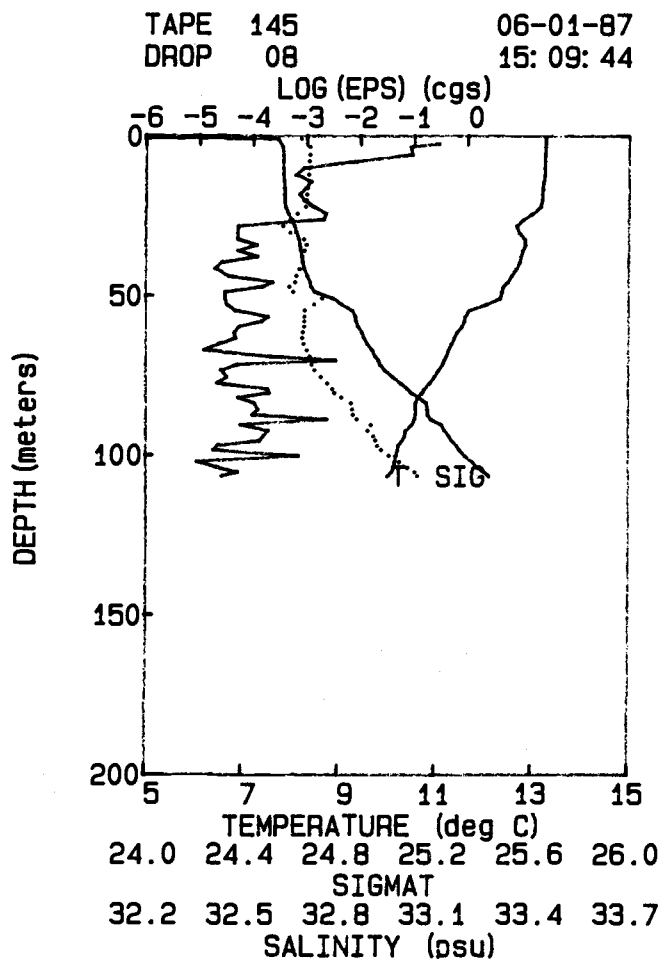
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 145
DROP 08
06-01-87
15: 09: 44
LOG (EPS) (cgs)
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DEPTH (meters)
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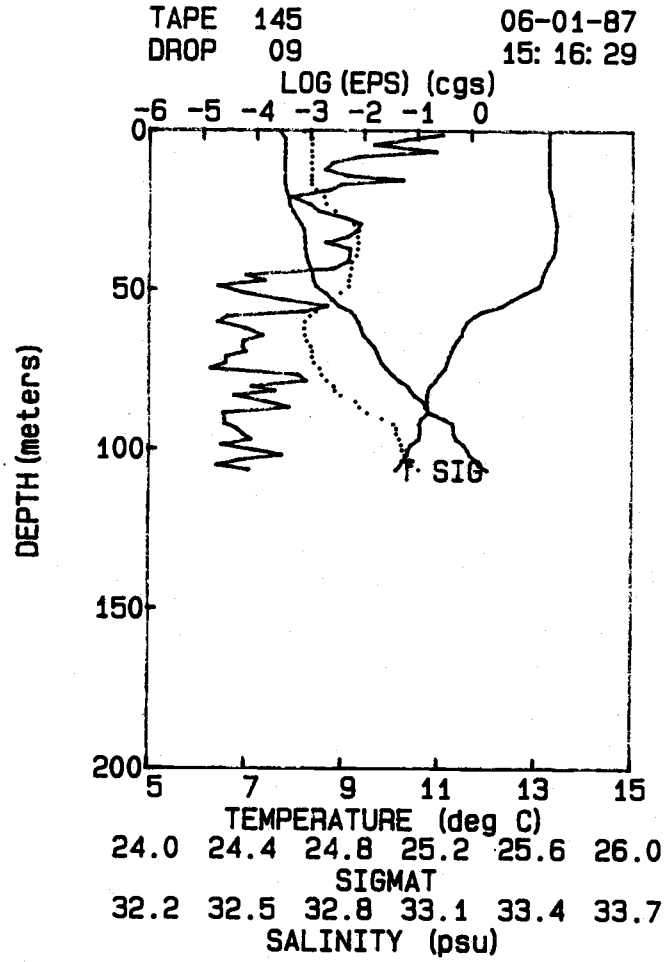
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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06-01-87
15: 16: 29
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DEPTH (meters)
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150
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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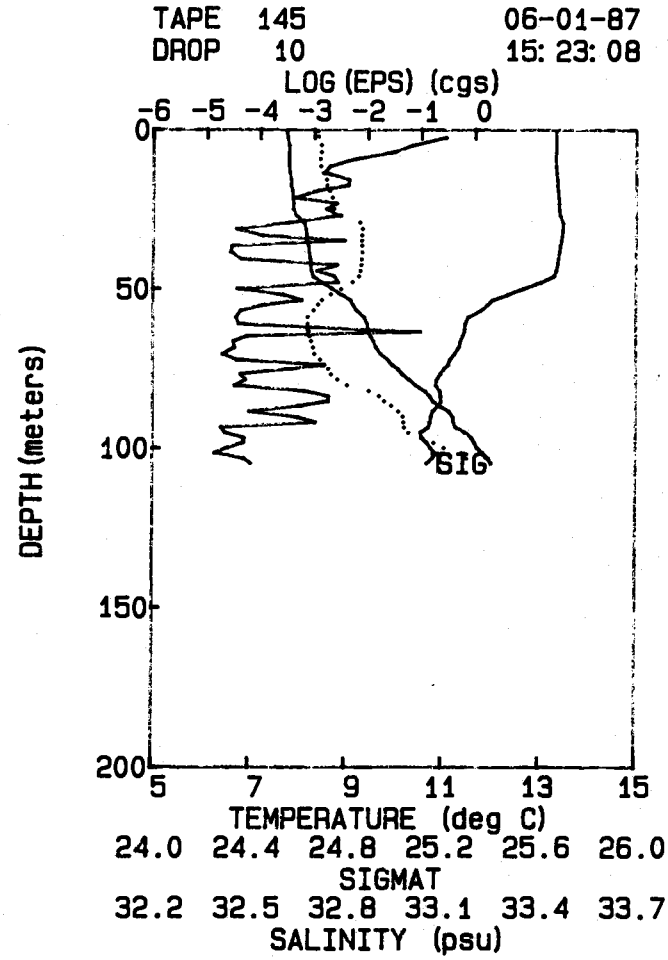
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)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15: 23: 08
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DEPTH (meters)
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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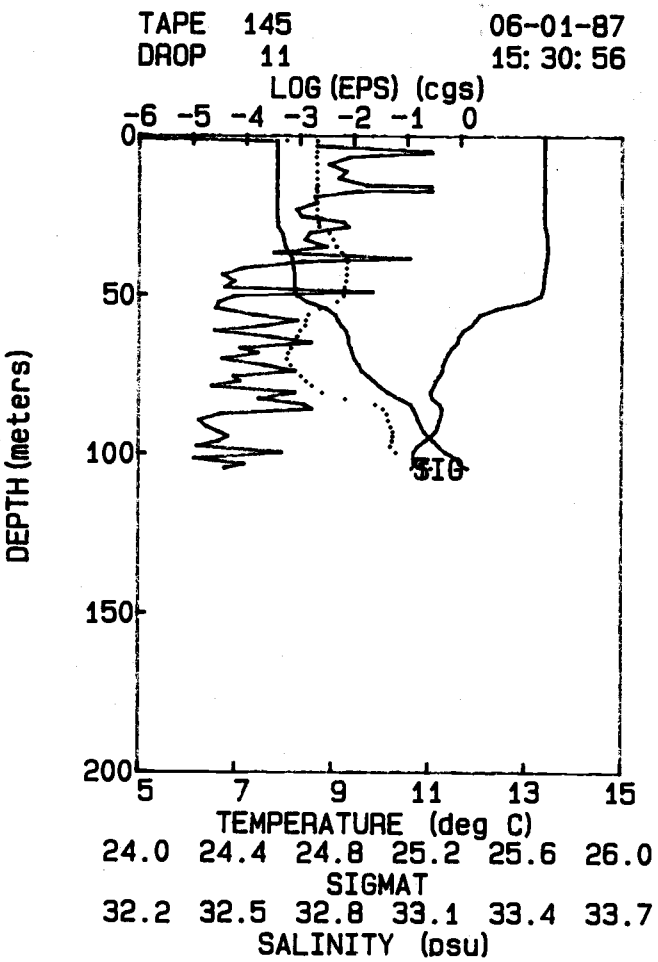
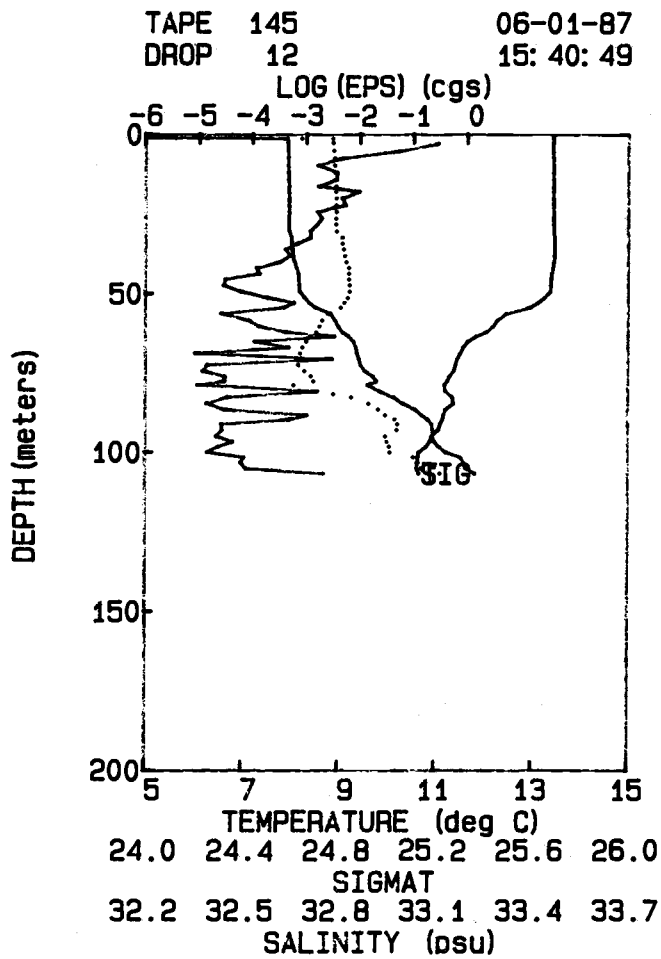
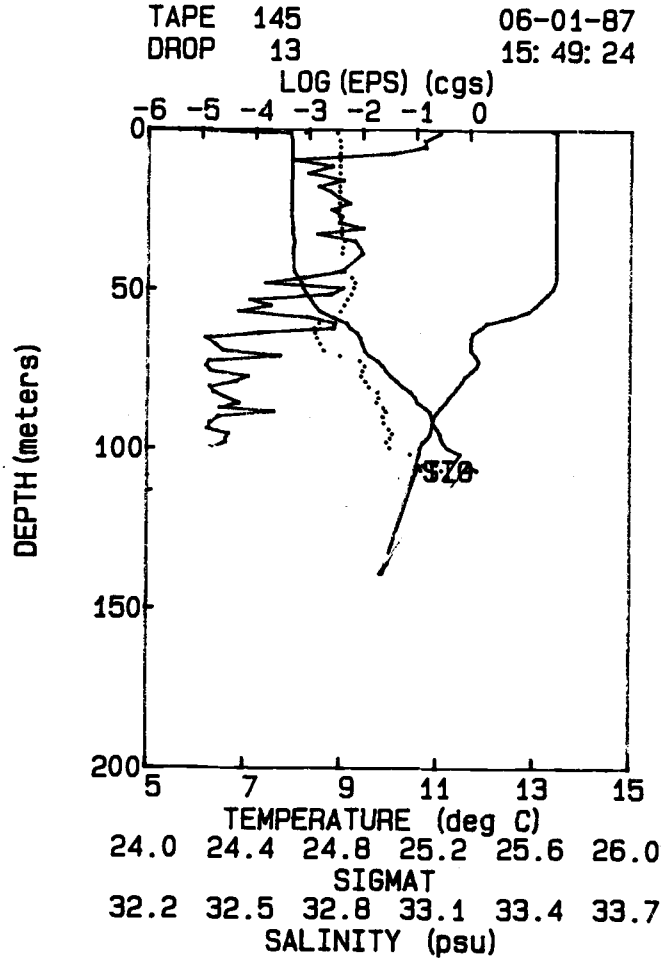
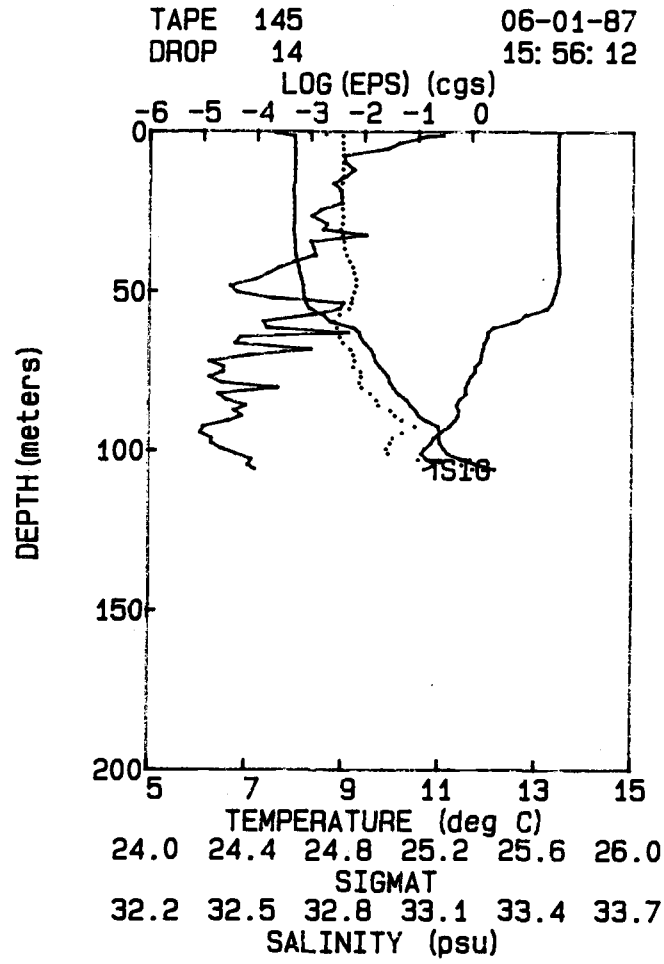
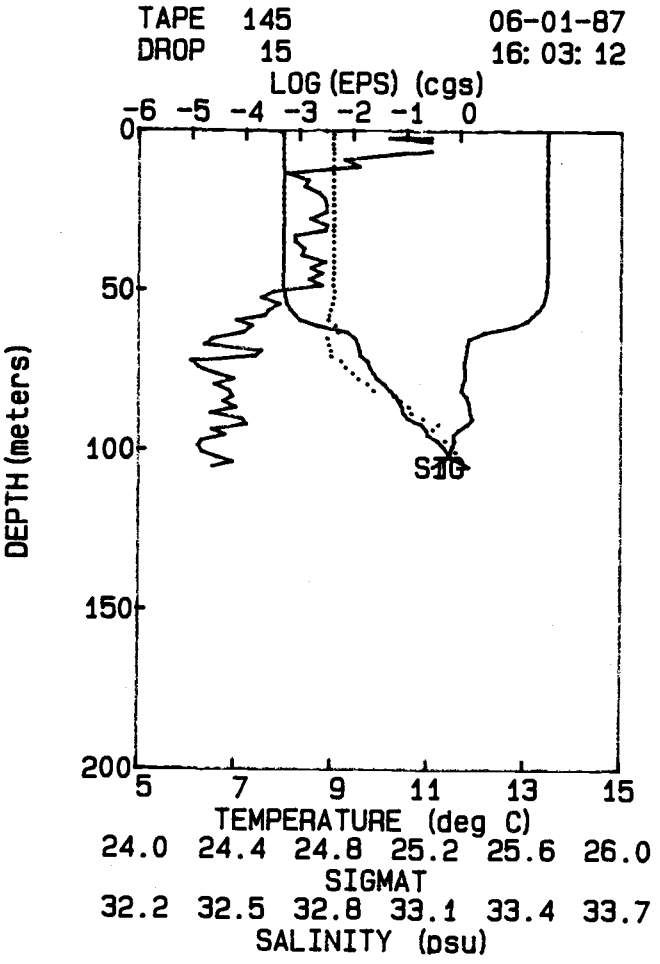
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

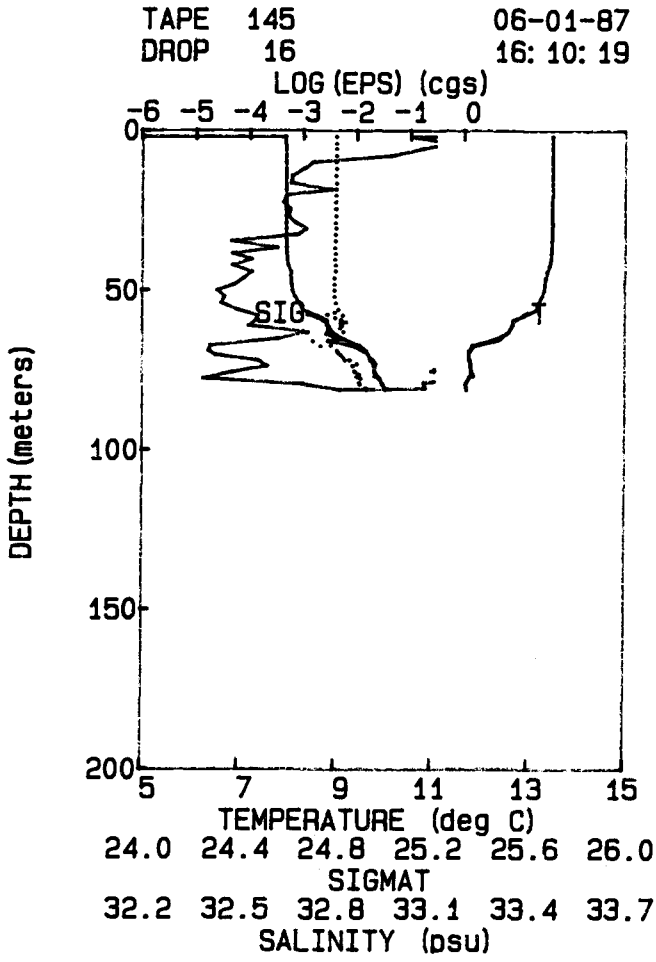

TAPE 145
DROP 11
06-01-87
15: 30: 56
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

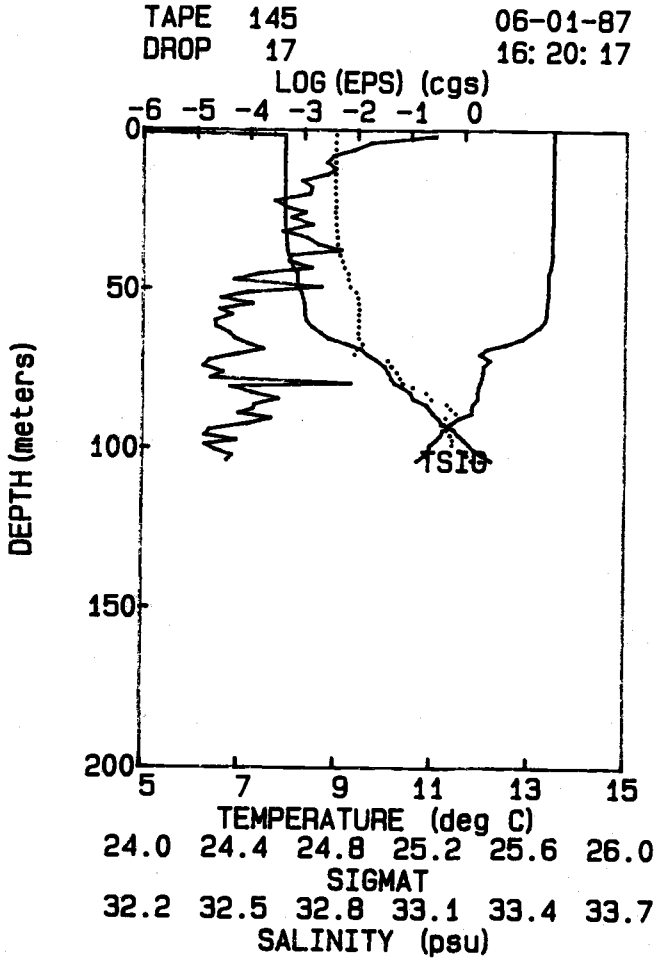

TAPE 145
DROP 12
06-01-87
15: 40: 49
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

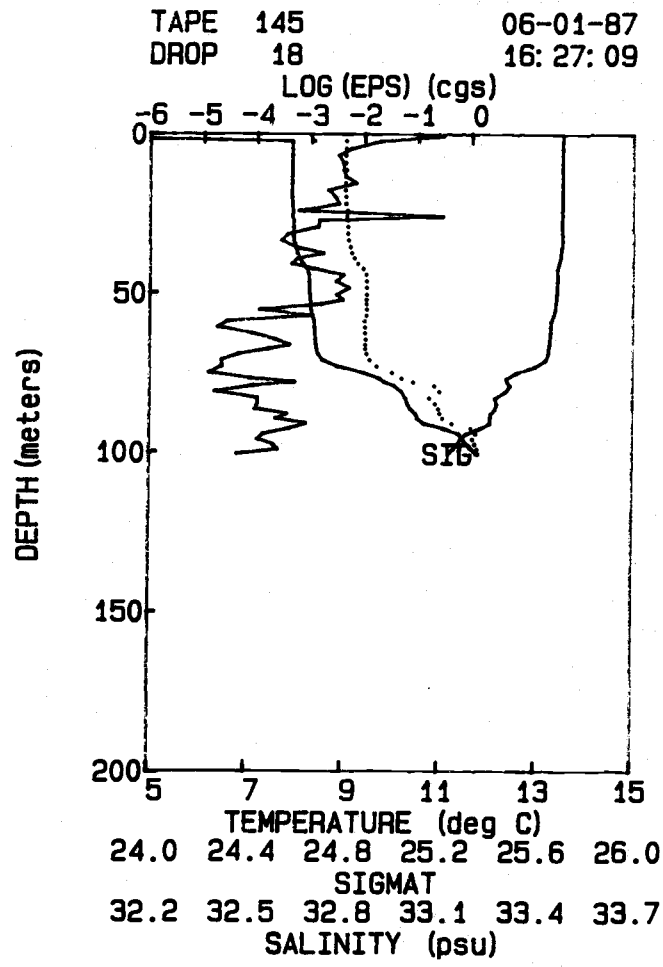

TAPE 145
DROP 13
06-01-87
15: 49: 24
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

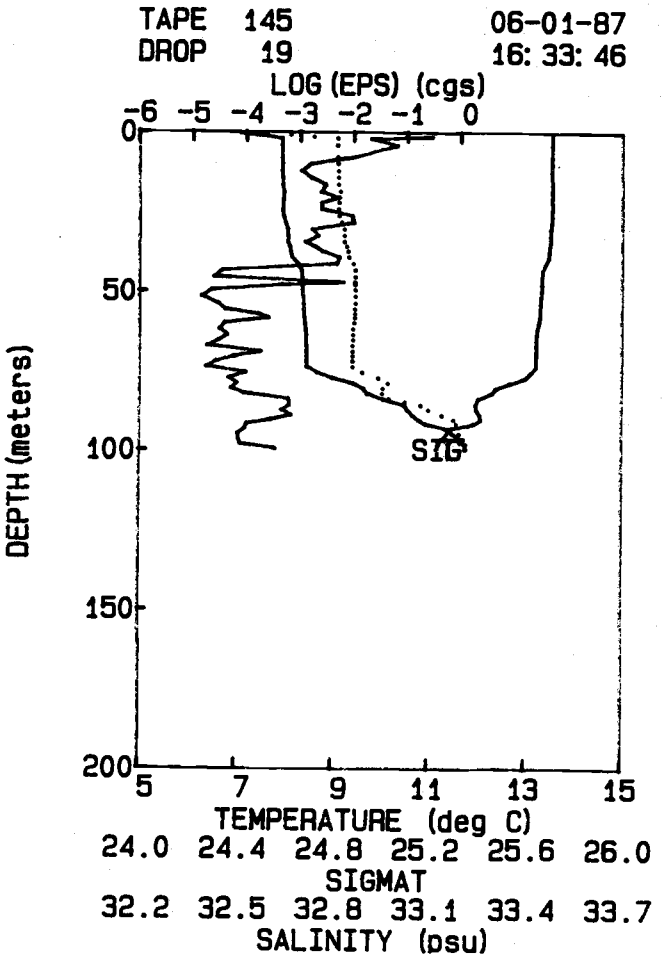

TAPE 145
DROP 14
06-01-87
15: 56: 12
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

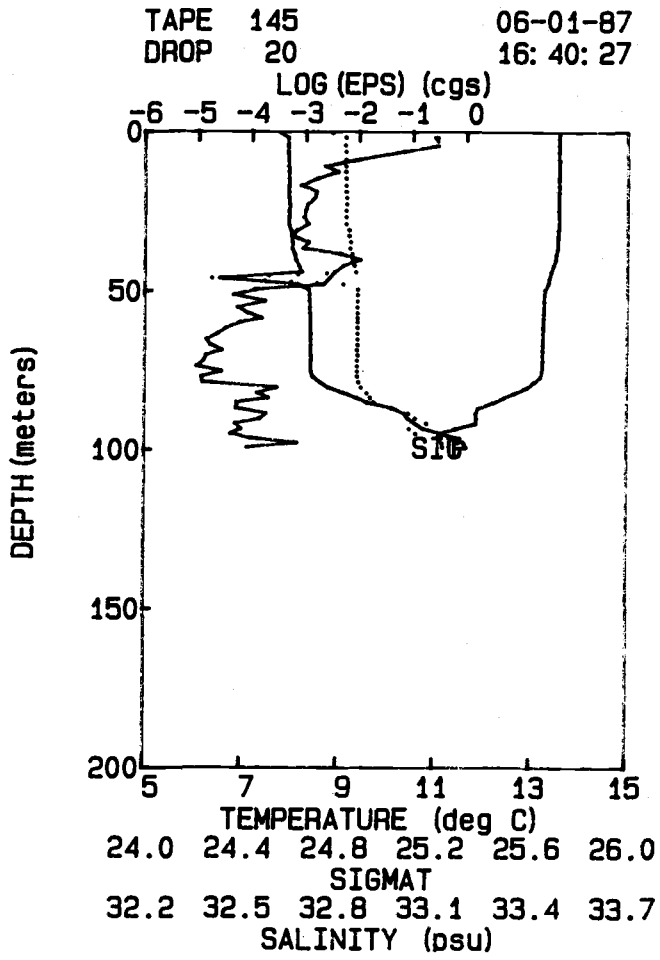

TAPE 145
DROP 15
06-01-87
16: 03: 12
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

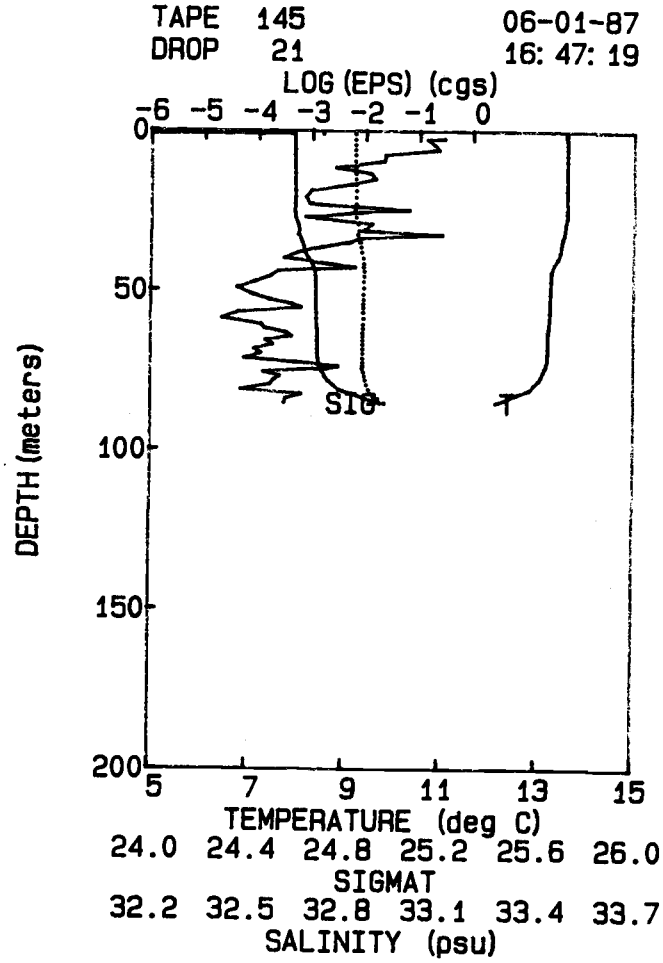

TAPE 145
DROP 16
06-01-87
16: 10: 19
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

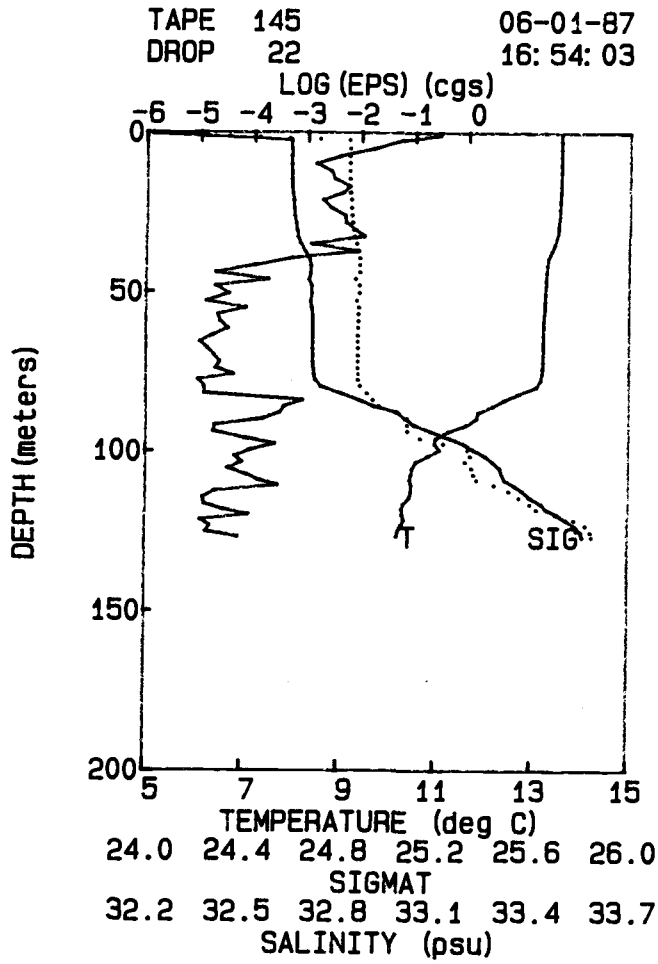

TAPE 145
DROP 17
06-01-87
16: 20: 17
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

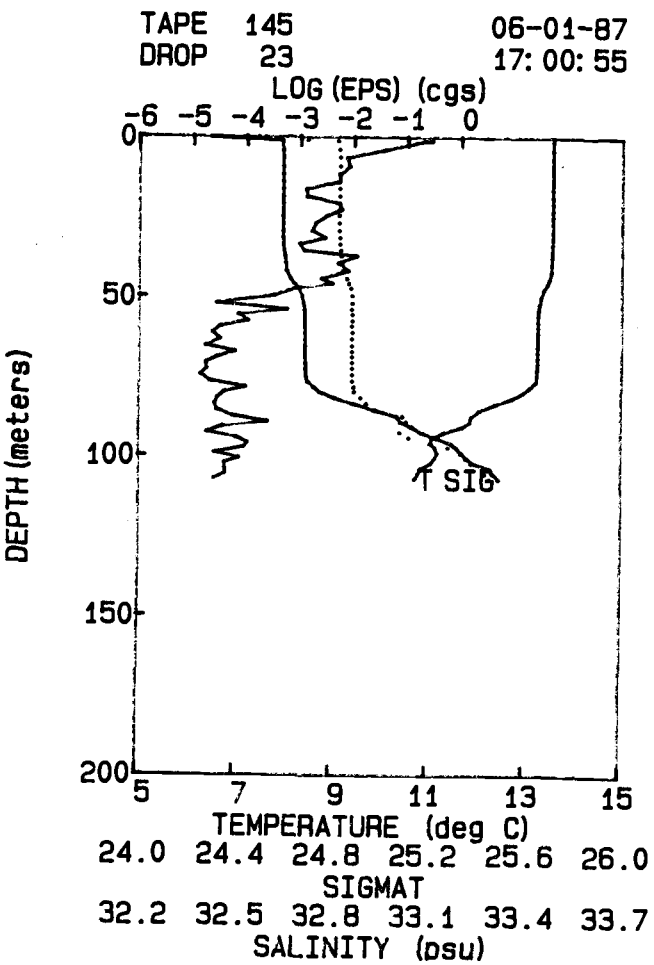

TAPE 145
DROP 18
06-01-87
16: 27: 09
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

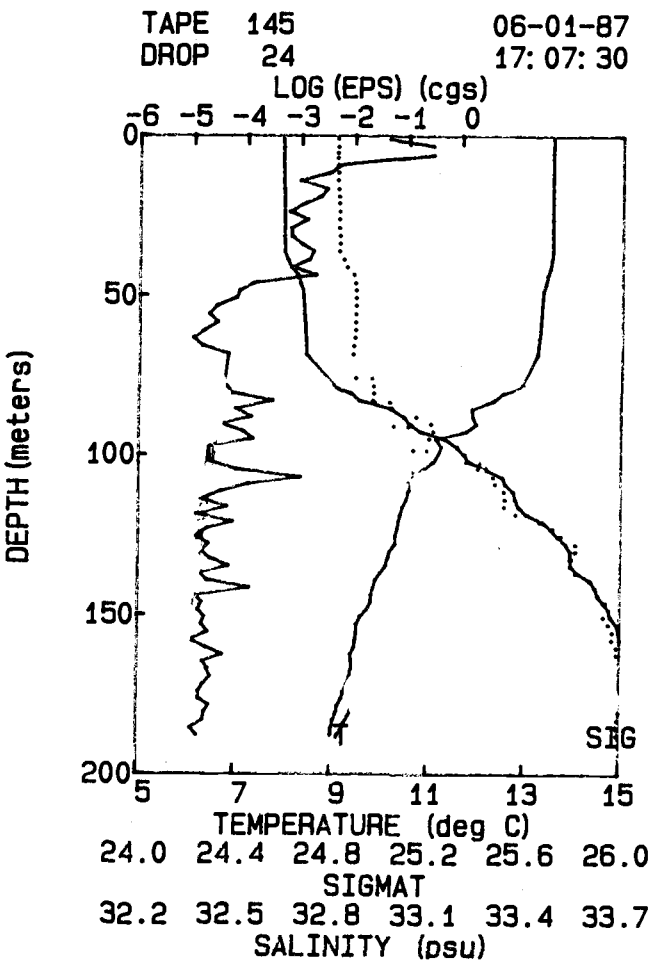

TAPE 145
DROP 19
06-01-87
16: 33: 46
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)


TAPE 145
DROP 20
06-01-87
16: 40: 27
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

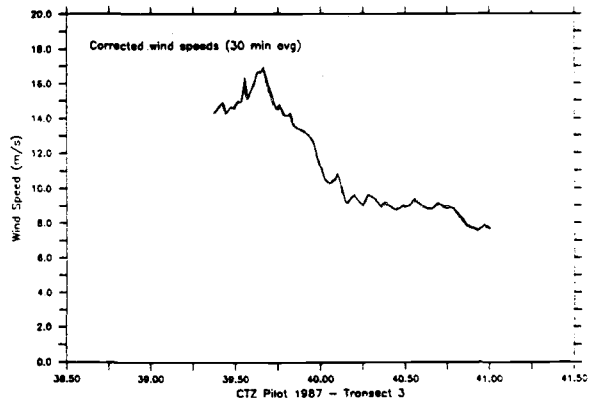

TAPE 145
DROP 21
06-01-87
16: 47: 19
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
SIG
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

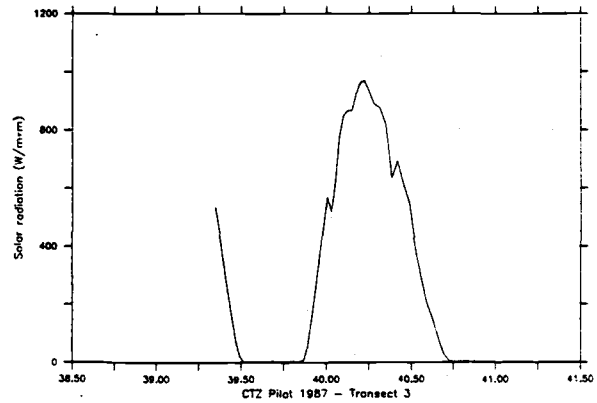

TAPE 145
DROP 22
06-01-87
16: 54: 03
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

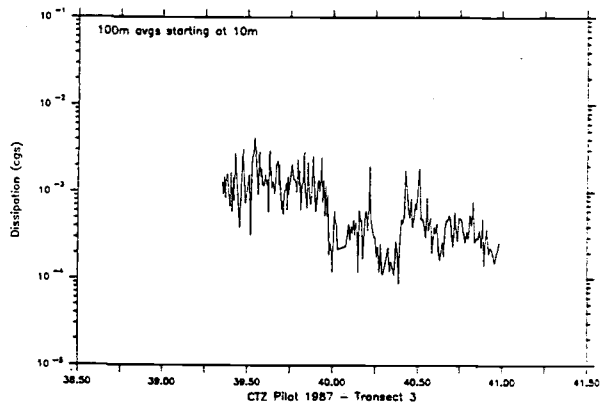

TAPE 145
DROP 23
06-01-87
17: 00: 55
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

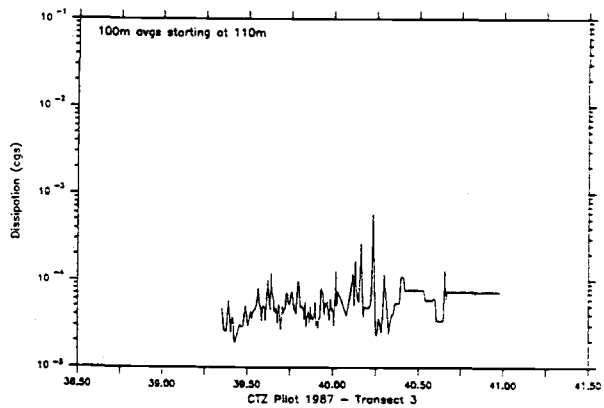

TAPE 145
DROP 24
06-01-87
17: 07: 30
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.0 24.4 24.8 25.2 25.6 26.0
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

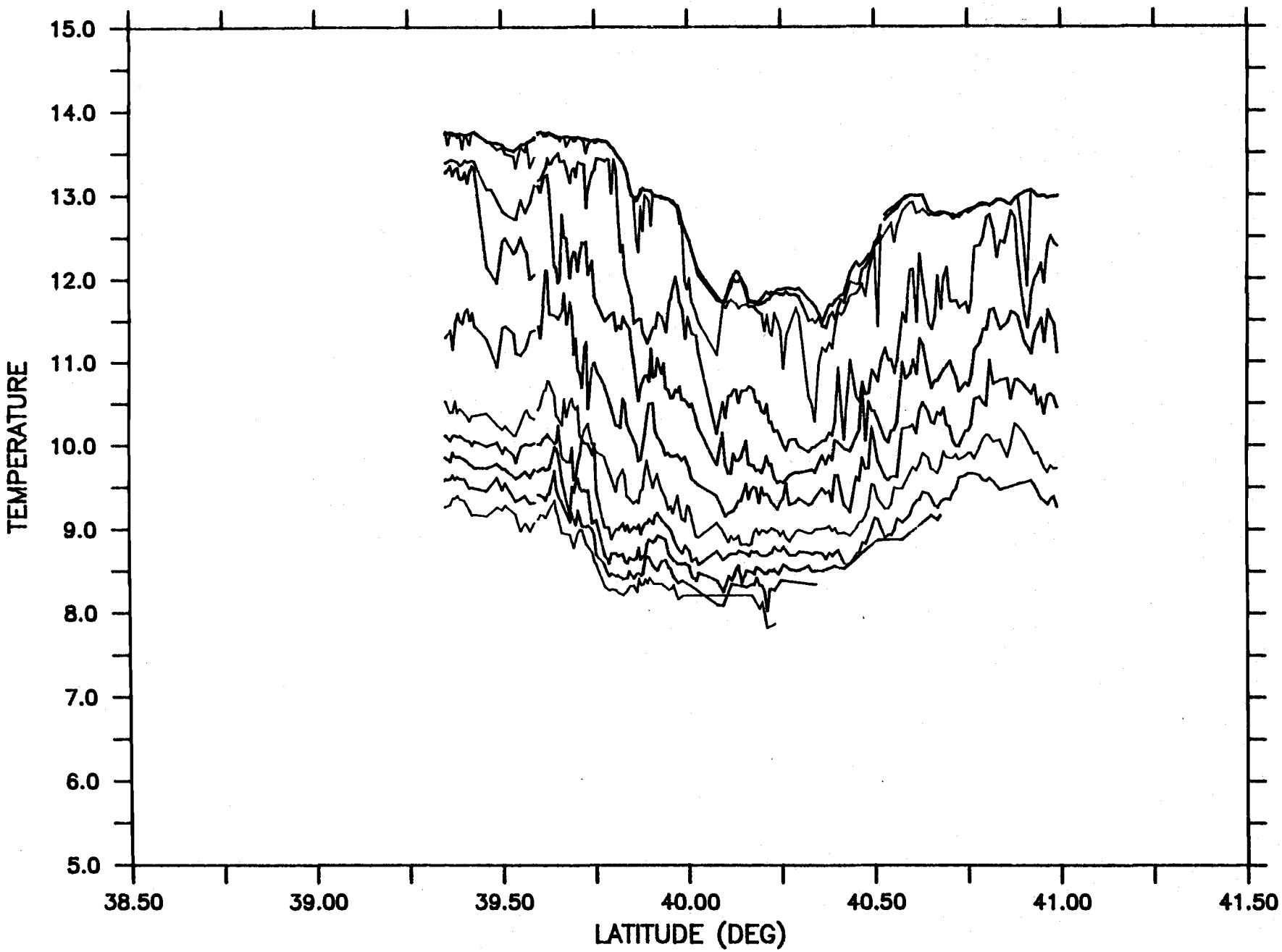
TRANSECT 3

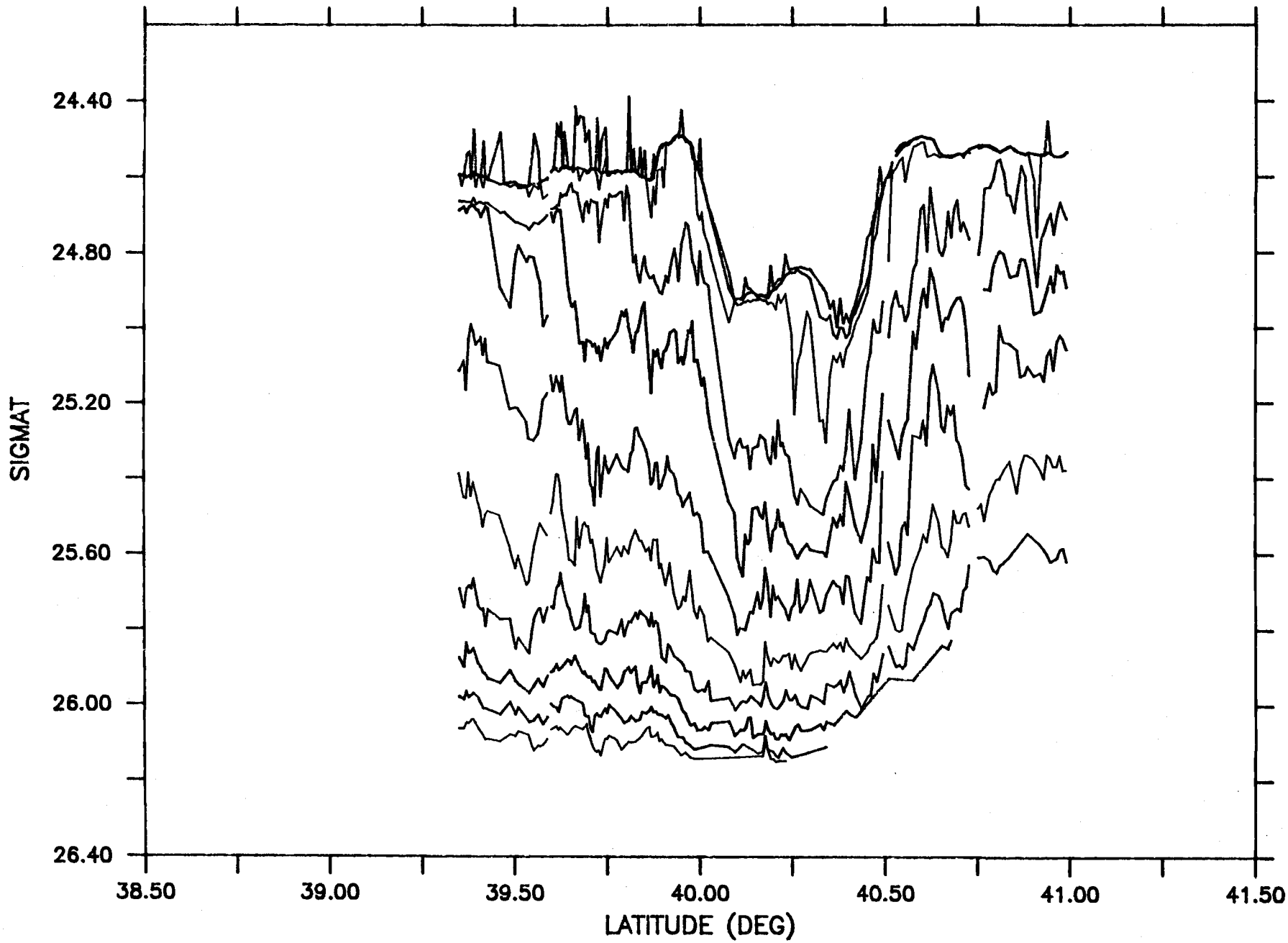

Corrected wind speeds (30 min avg)
Wind Speed (m/s)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
38.50
39.00
39.50
40.00
40.50
41.00
41.50
CTZ Pilot 1987 – Transect 3


Solar radiation (W/m*m)
1200
800
400
0
38.50
39.00
39.50
40.00
40.50
41.00
41.50
CTZ Pilot 1987 – Transect 3

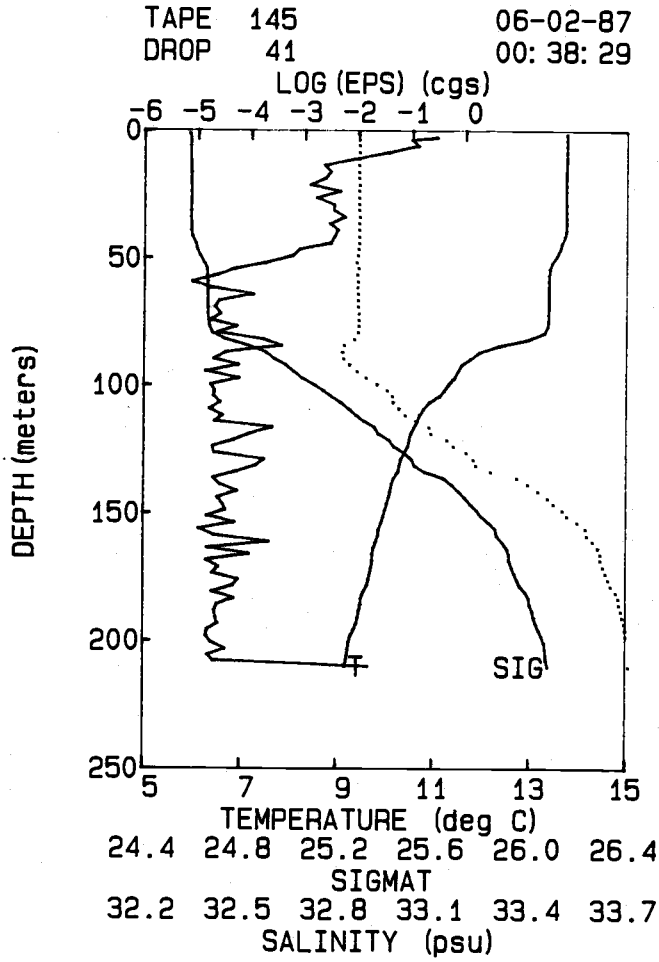

100m avgs starting at 10m
Dissipation (cgs)
38.50
39.00
39.50
40.00
40.50
41.00
41.50
CTZ Pilot 1987 – Transect 3

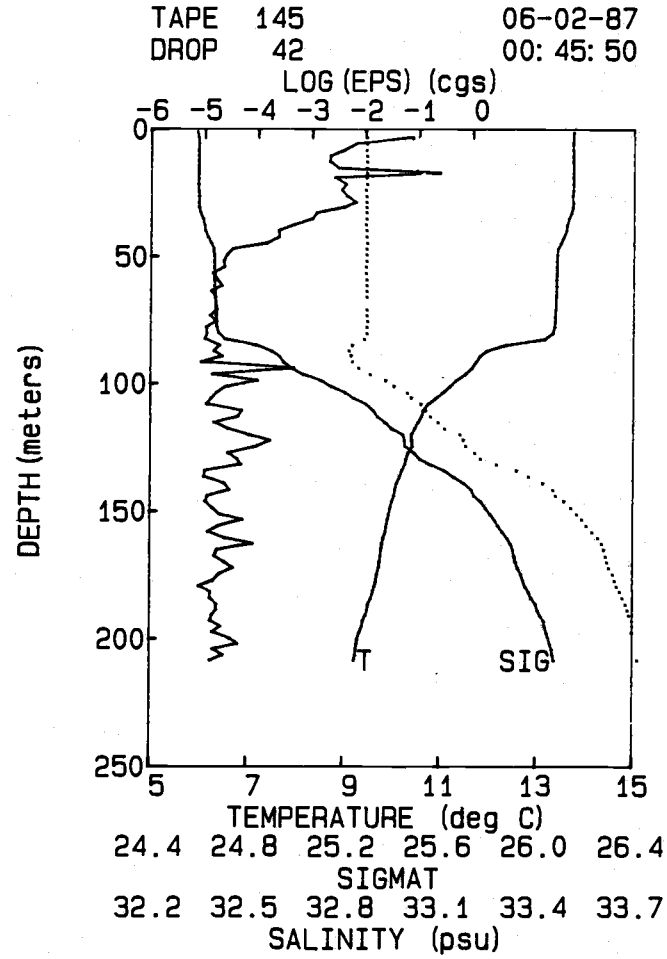

100m avgs starting at 110m
Dissipation (cgs)
38.50
39.00
39.50
40.00
40.50
41.00
41.50
CTZ Pilot 1987 – Transect 3

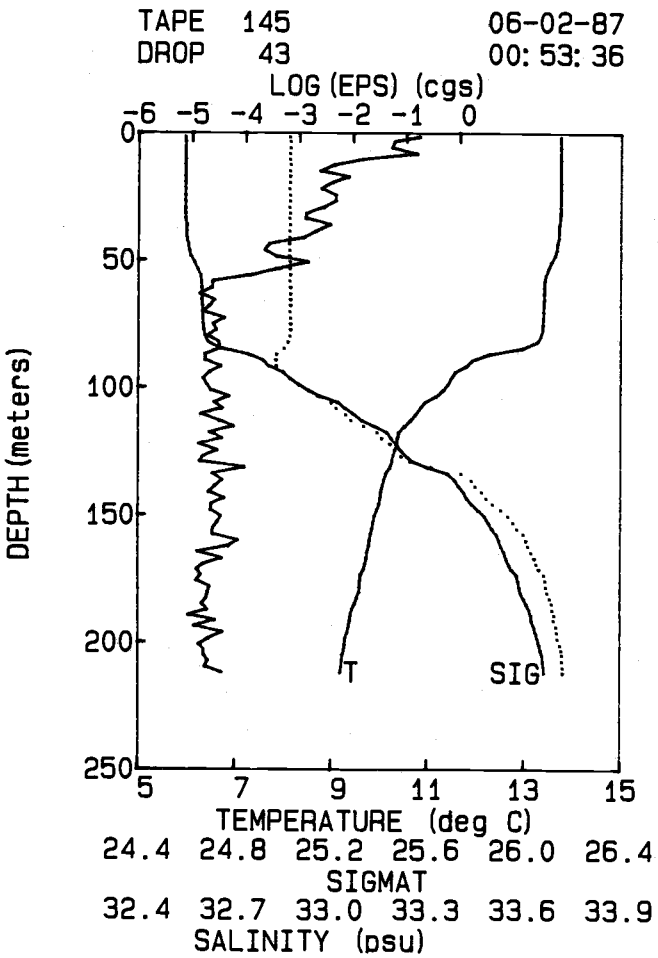

15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
TEMPERATURE
38.50
39.00
39.50
40.00
40.50
41.00
41.50
LATITUDE (DEG)

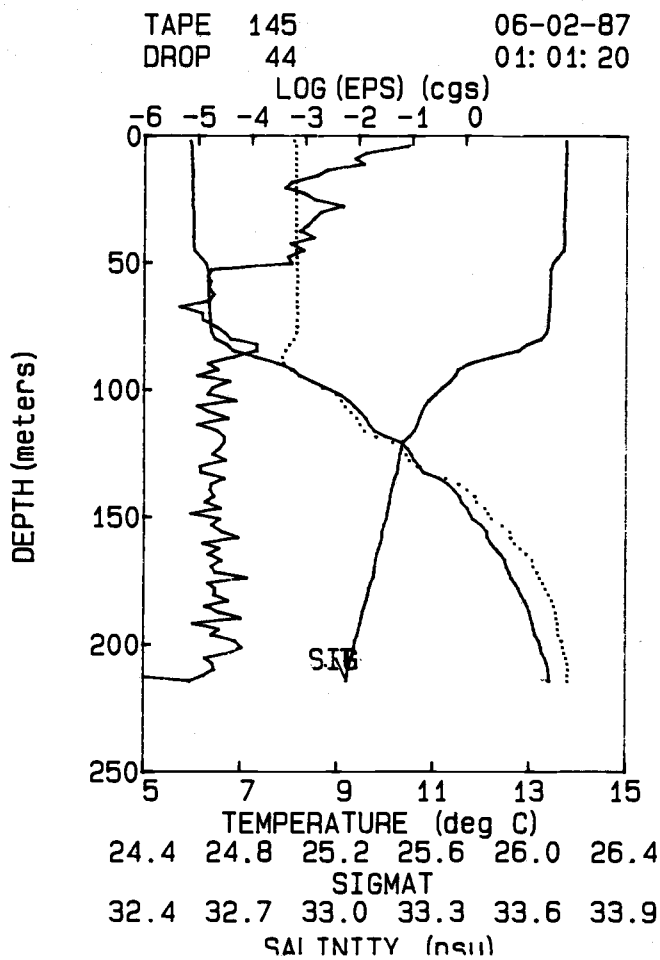

24.40
24.80
25.20
25.60
26.00
26.40
SIGMAT
38.50
39.00
39.50
40.00
40.50
41.00
41.50
LATITUDE (DEG)

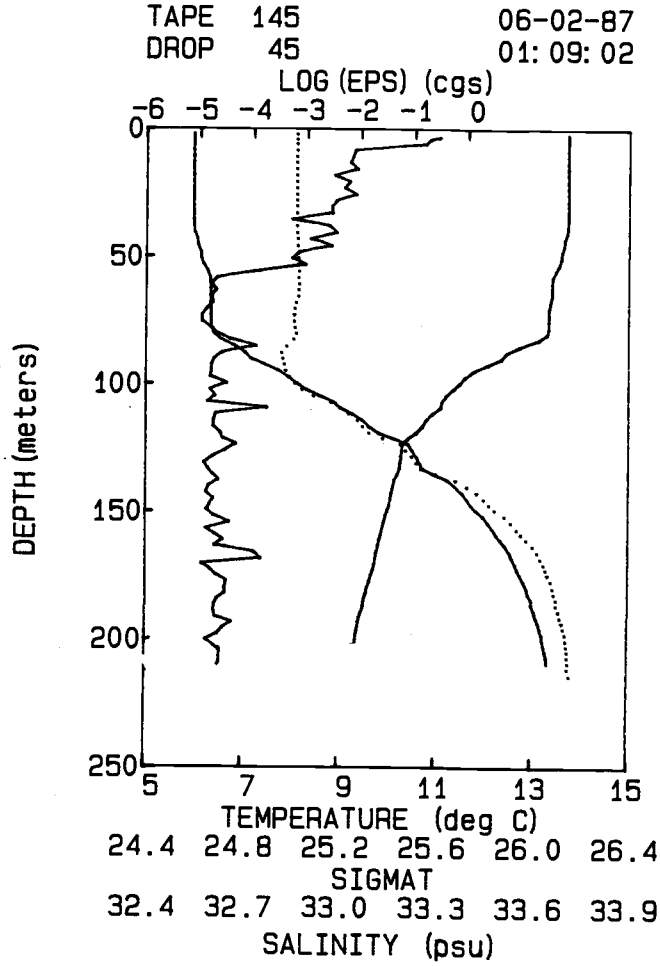
TRANSECT 3

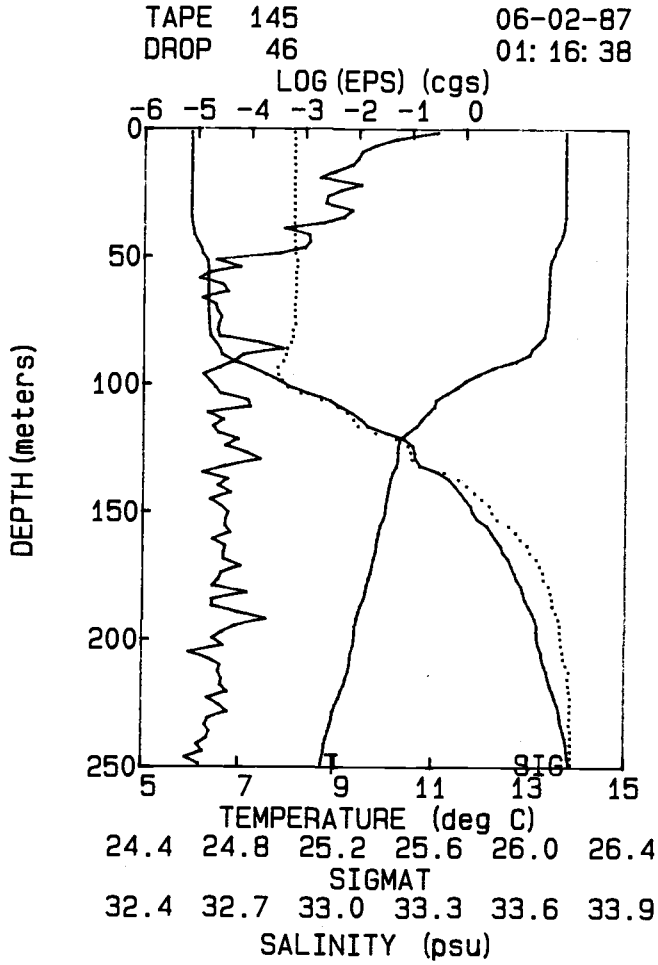

TAPE 145
DROP 41
06-02-87
00: 38: 29
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

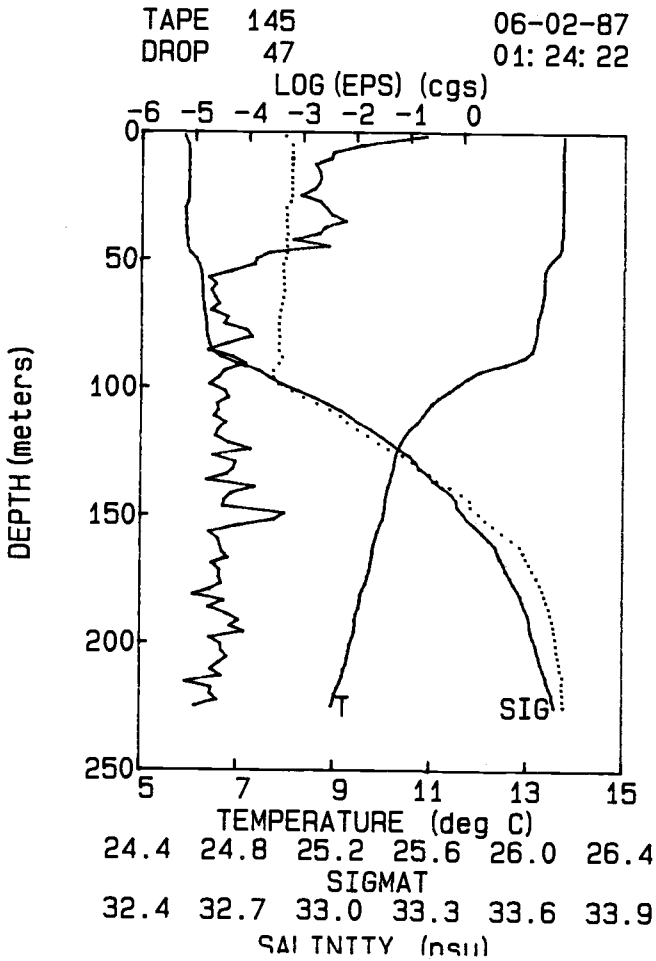

TAPE 145
DROP 42
06-02-87
00: 45: 50
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.2 32.5 32.8 33.1 33.4 33.7
SALINITY (psu)

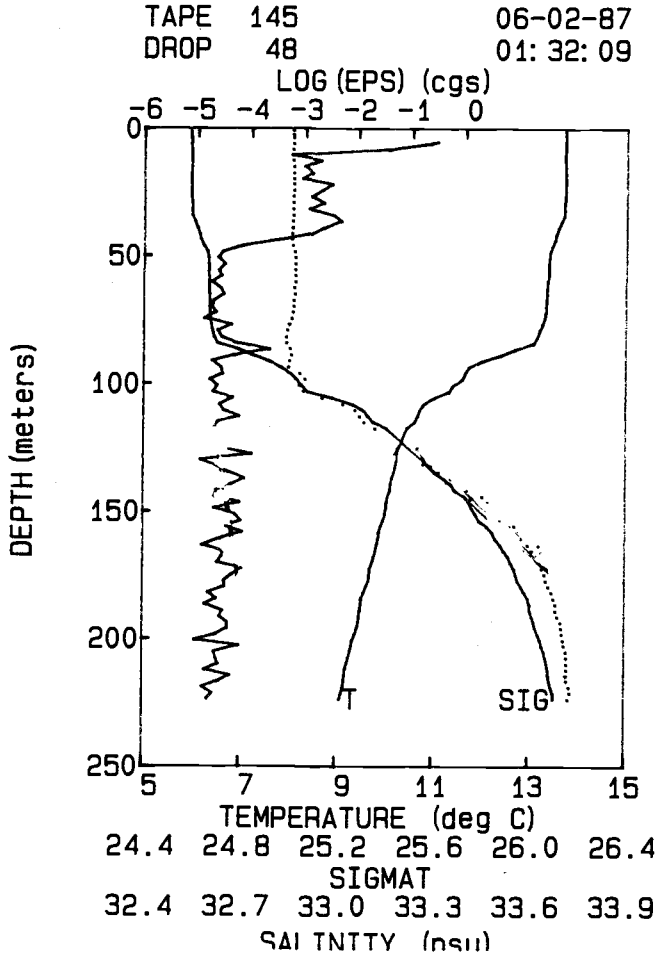

TAPE 145
DROP 43
06-02-87
00: 53: 36
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

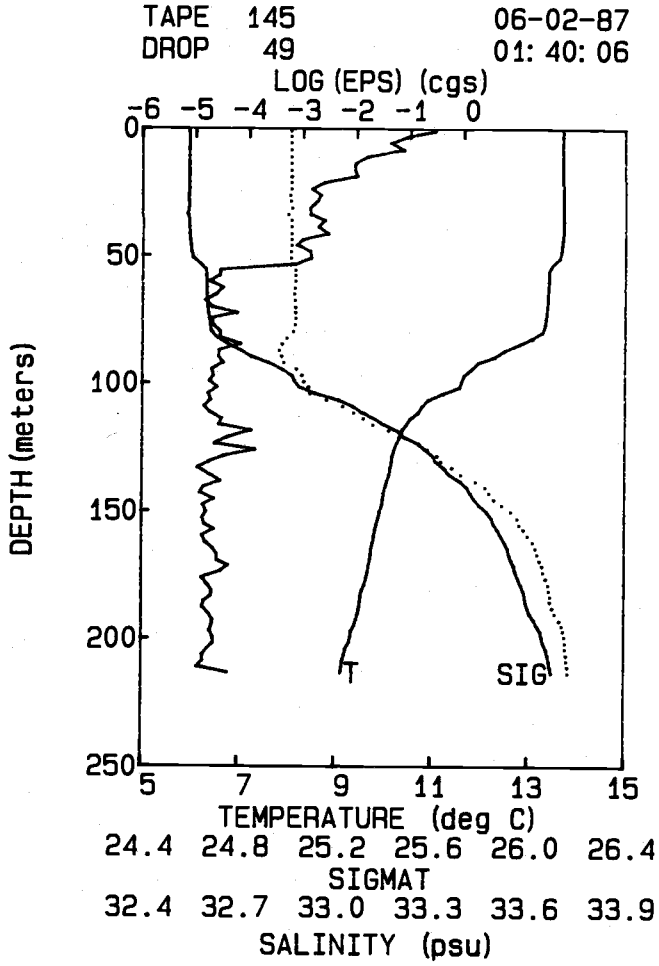

TAPE 145
DROP 44
06-02-87
01: 01: 20
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9

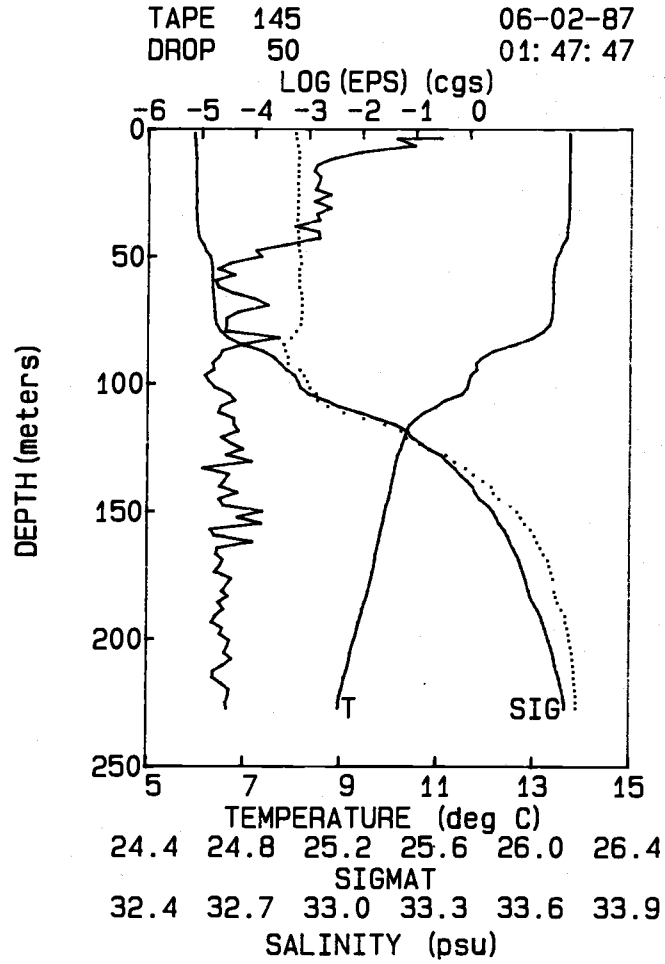

TAPE 145
DROP 45
06-02-87
01: 09: 02
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0 50 100 150 200 250
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

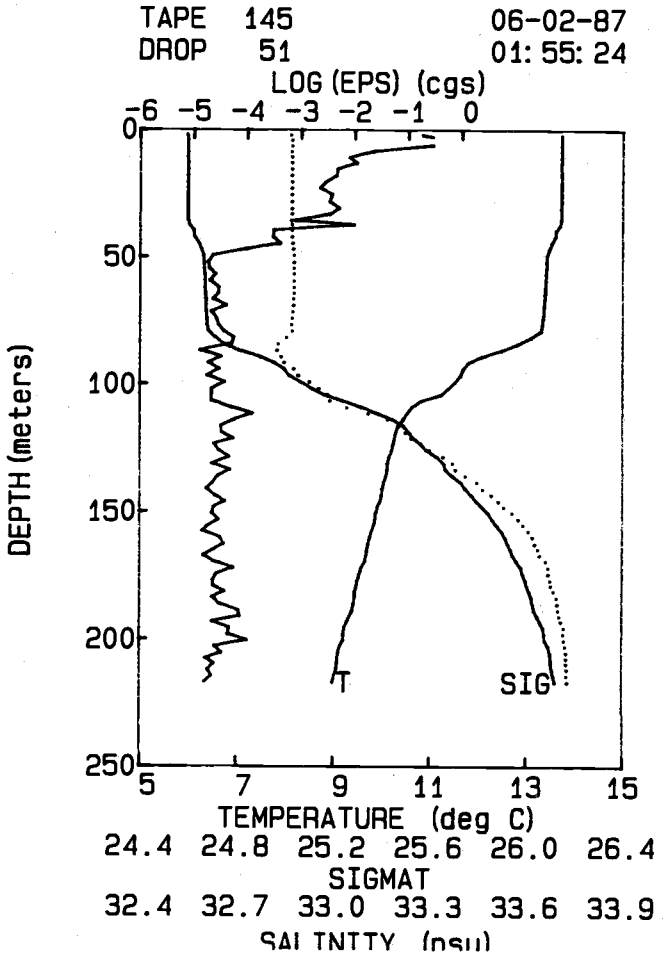

TAPE 145
DROP 46
06-02-87
01: 16: 38
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0 50 100 150 200 250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

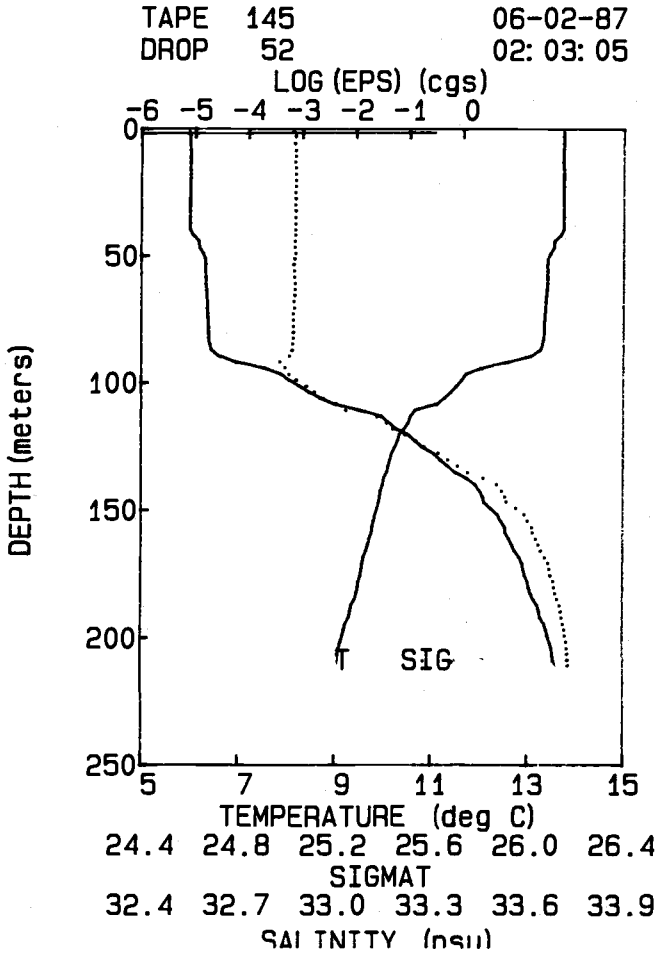

TAPE 145
DROP 47
06-02-87
01: 24: 22
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0 50 100 150 200 250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9


TAPE 145
DROP 48
06-02-87
01: 32: 09
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0 50 100 150 200 250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9


TAPE 145
DROP 49
06-02-87
01: 40: 06
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 145
DROP 50
06-02-87
01: 47: 47
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 145
DROP 51
06-02-87
01: 55: 24
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9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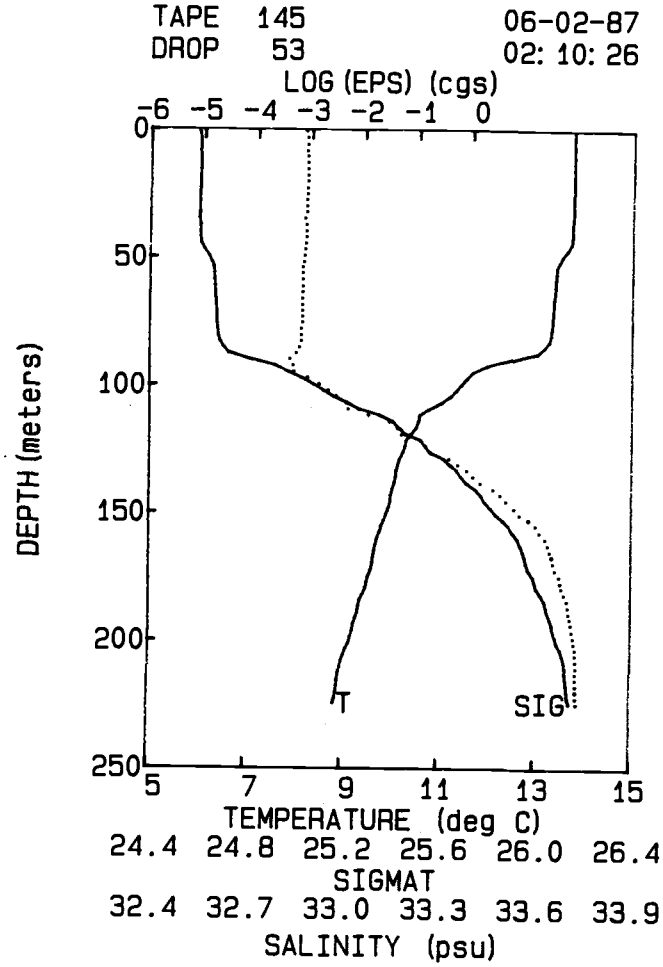
06-02-87
02: 03: 05
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9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06-02-87
02: 10: 26
LOG (EPS) (cgs)
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DEPTH (meters)
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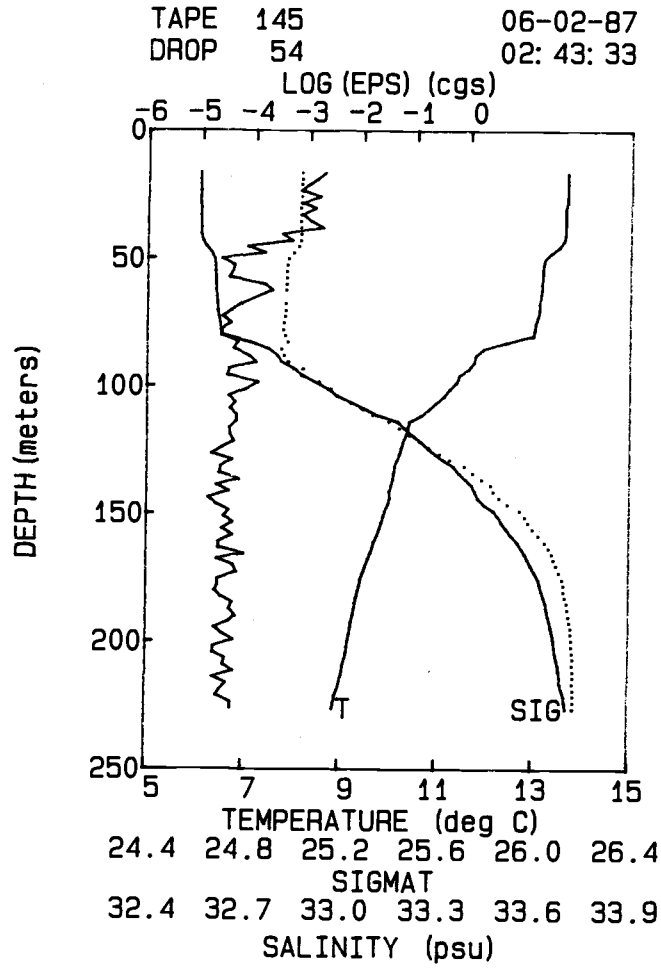
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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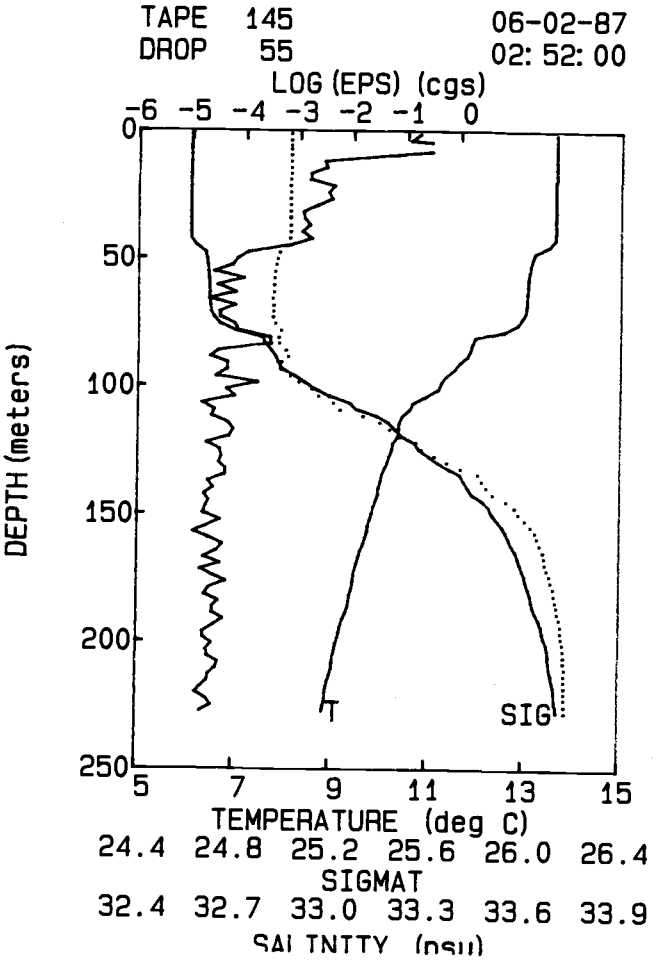
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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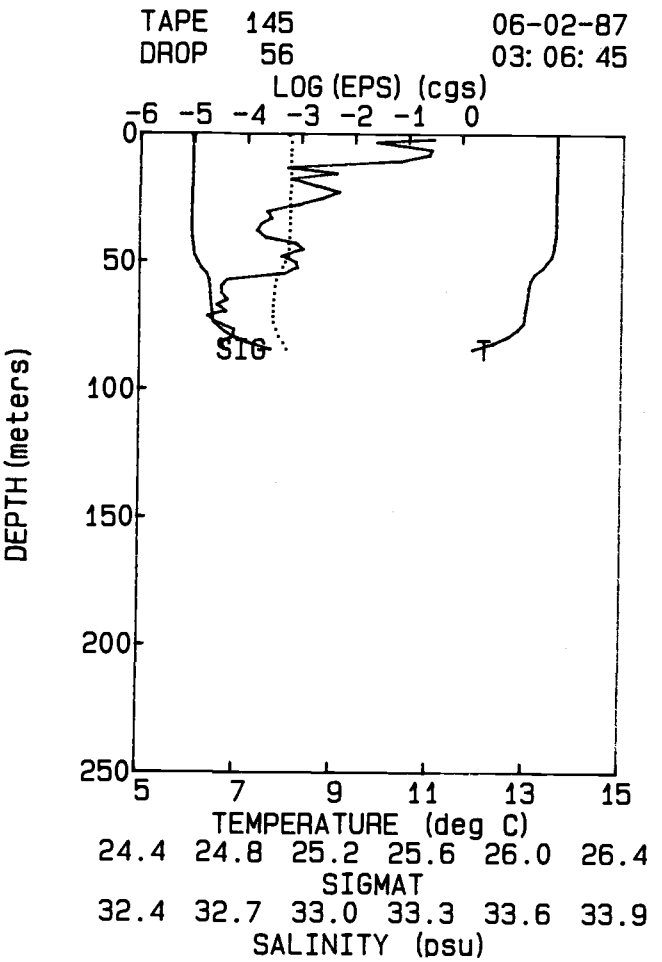
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9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DROP 56
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03: 06: 45
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DEPTH (meters)
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50
100
150
200
250
SIG
T
5 7 9 11 13 15
TEMPERATURE (deg C)
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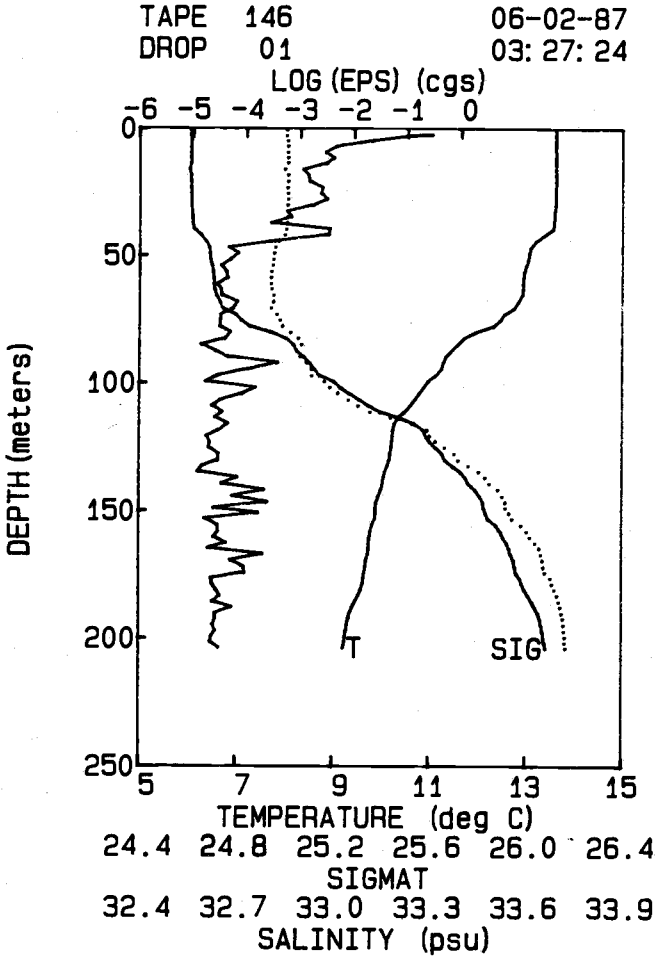
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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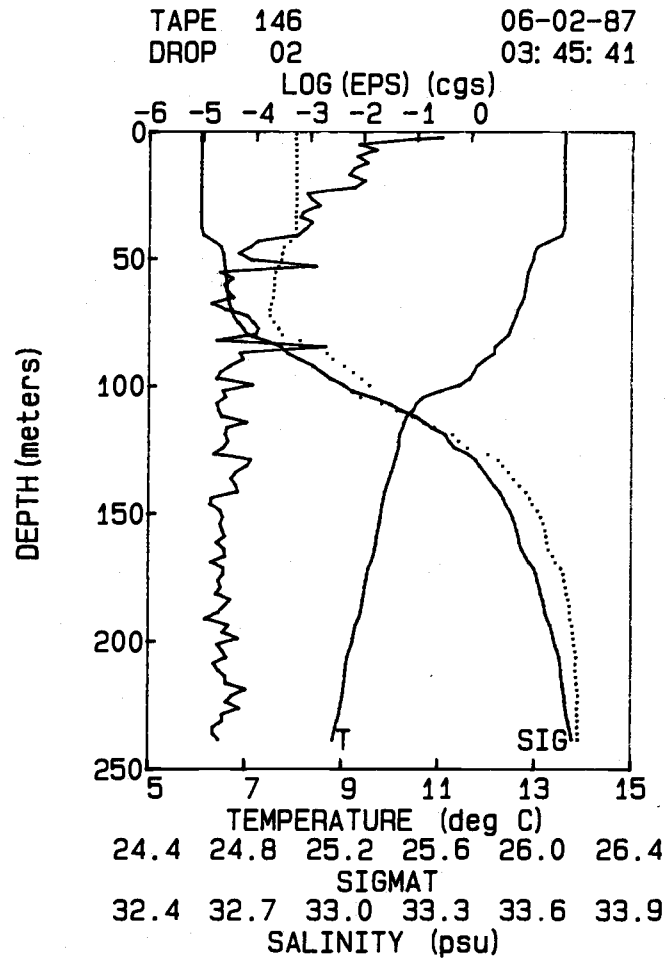
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 02
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LOG (EPS) (cgs)
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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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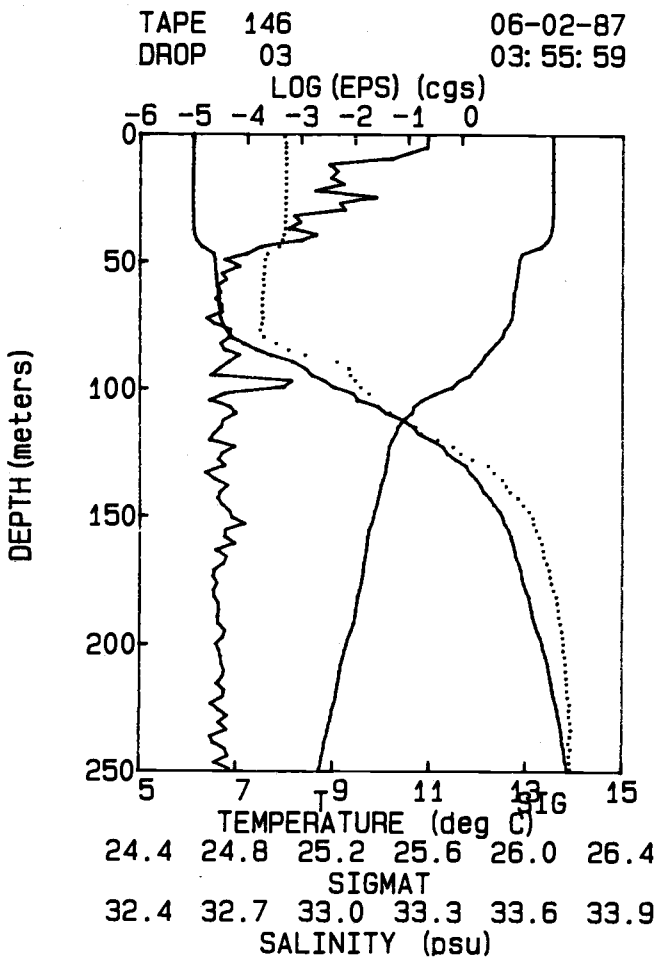
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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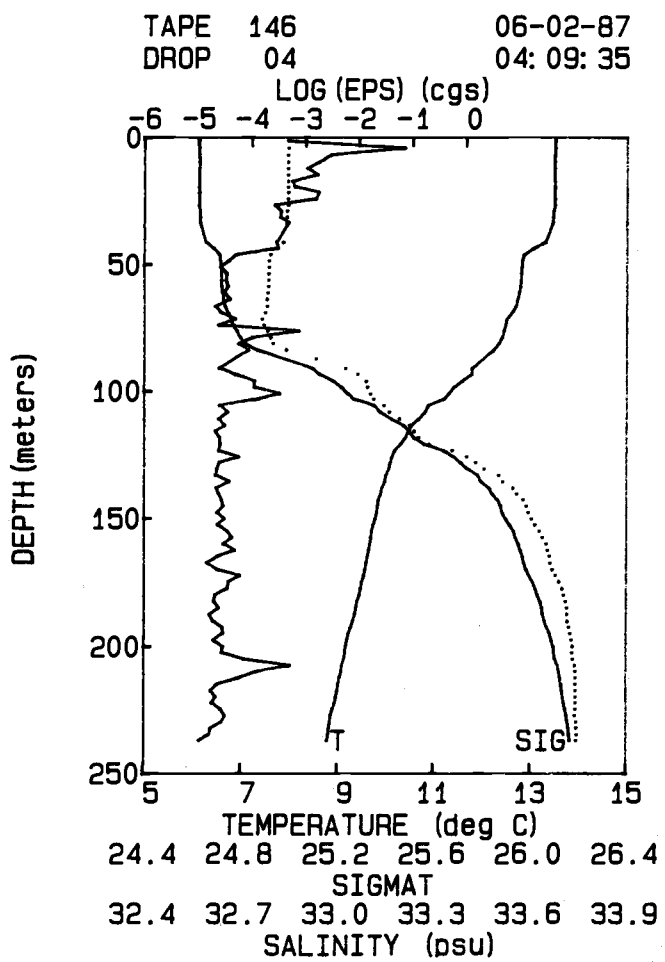
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 04
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LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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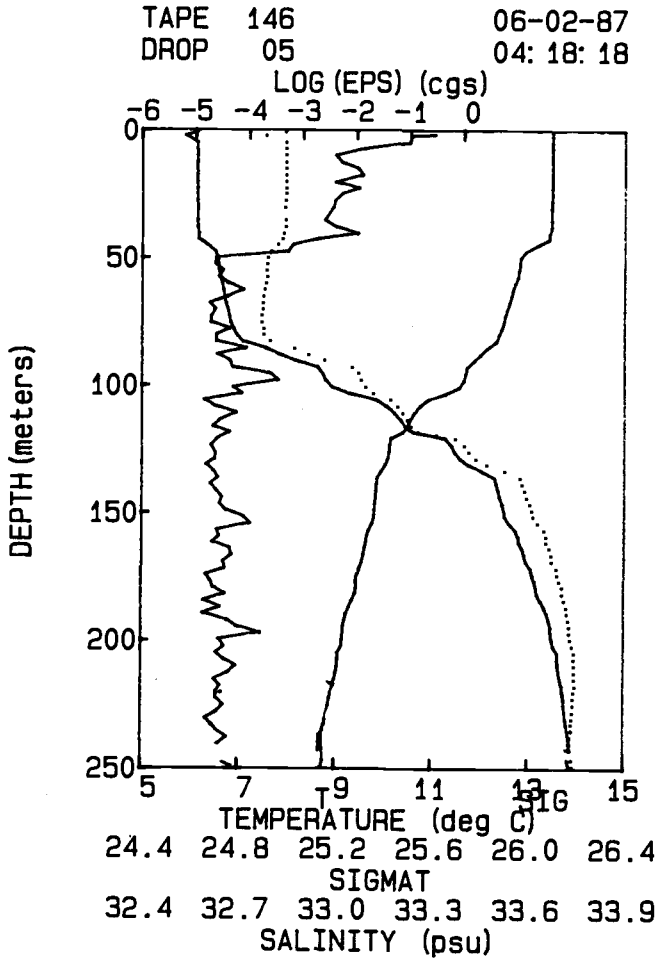
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 05
06-02-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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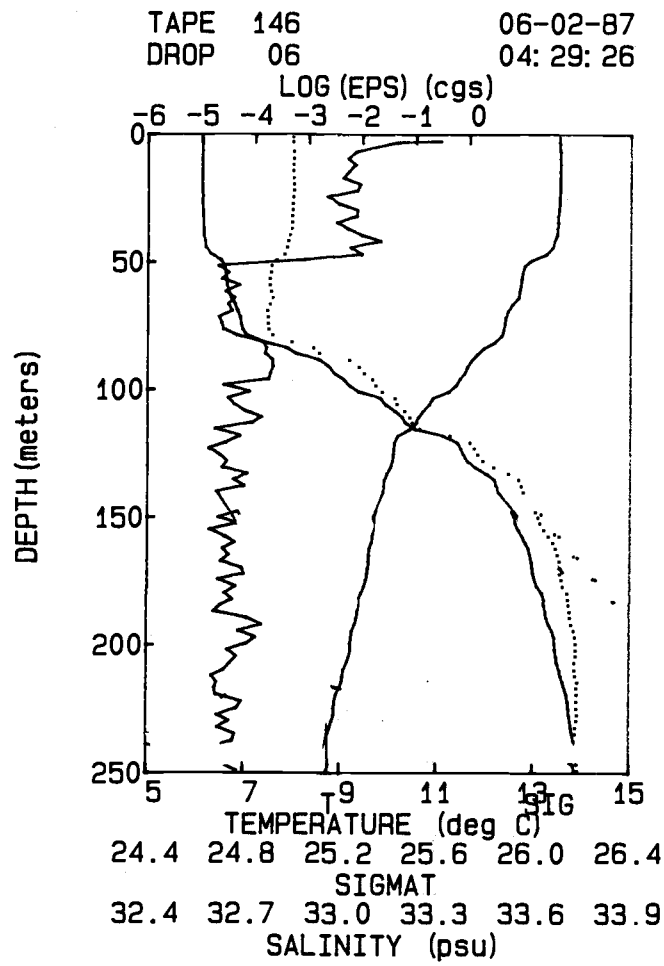
50
100
150
200
250
5 7 9 11 13 15
T
SIG
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 06
06-02-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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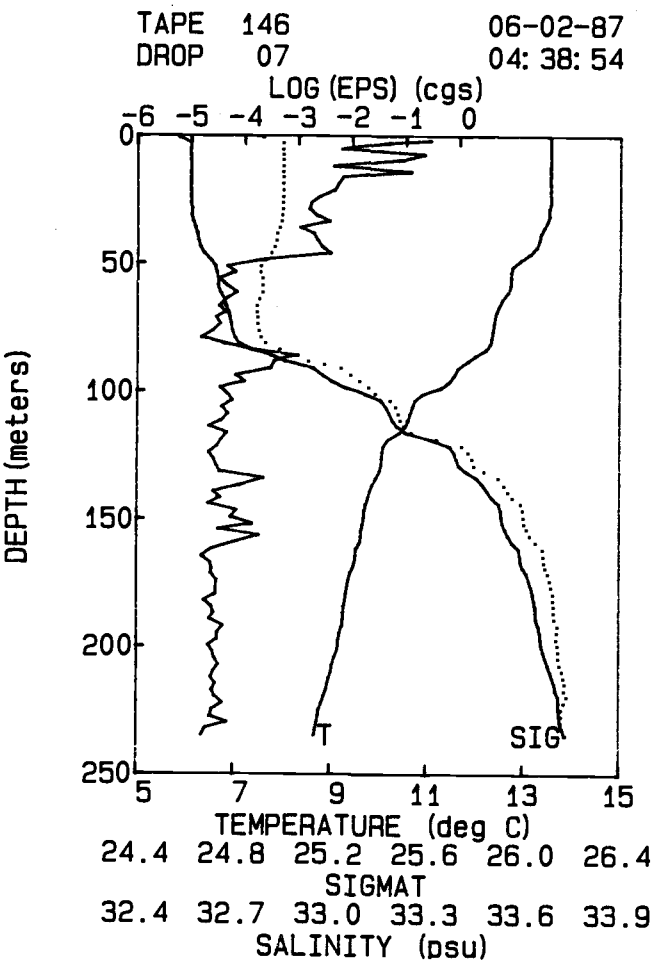
100
150
200
250
5 7 9 11 13 15
T
SIG
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 146
DROP 07
06-02-87
04: 38: 54
LOG (EPS) (cgs)
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DEPTH (meters)
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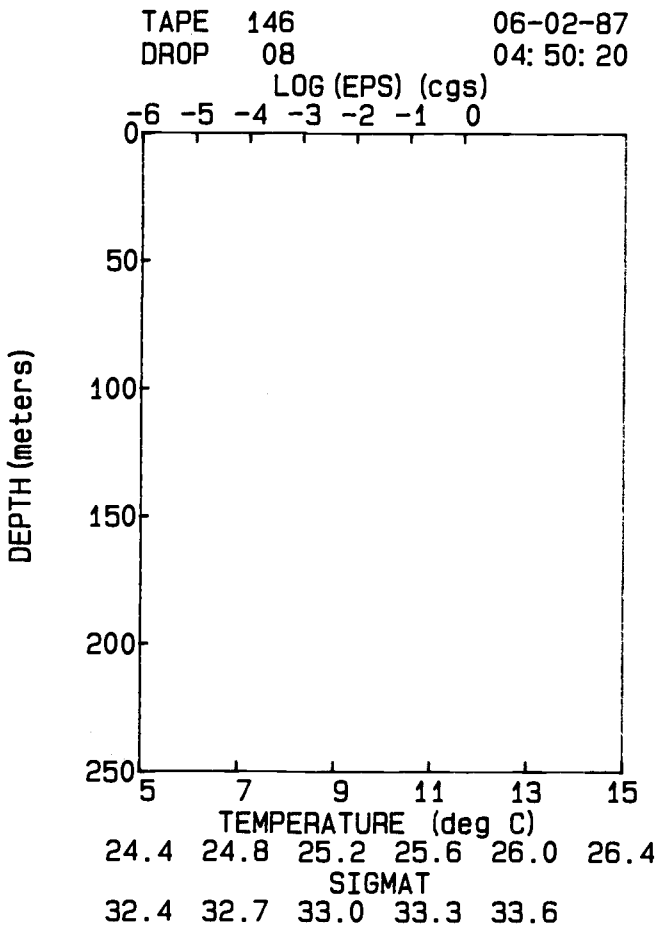
100
150
200
250
5 7 9 11 13 15
T
SIG
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 08
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DEPTH (meters)
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100
150
200
250
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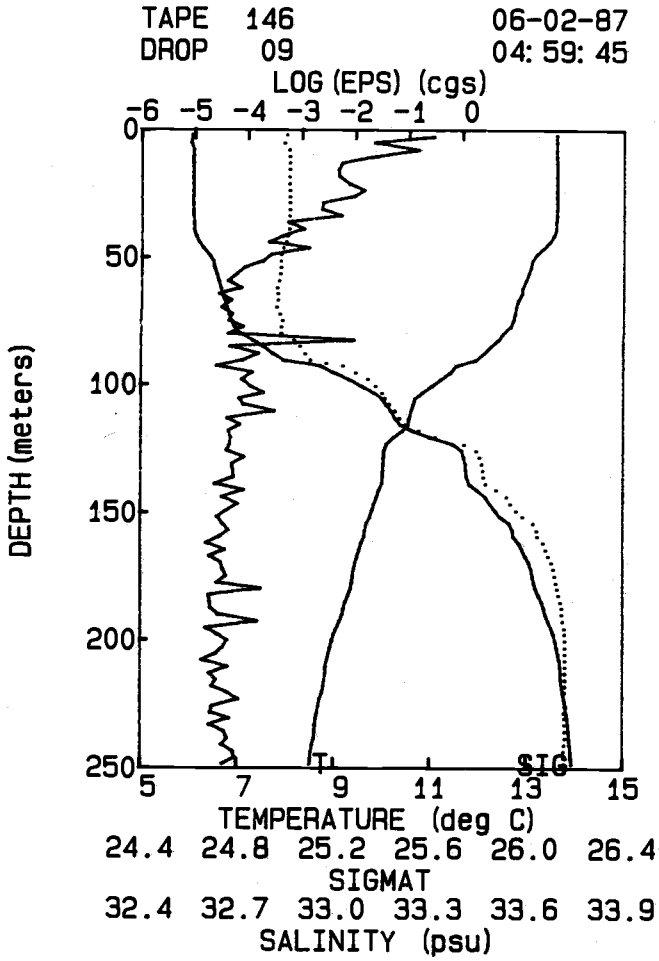
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6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DROP 09
06-02-87
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LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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50
100
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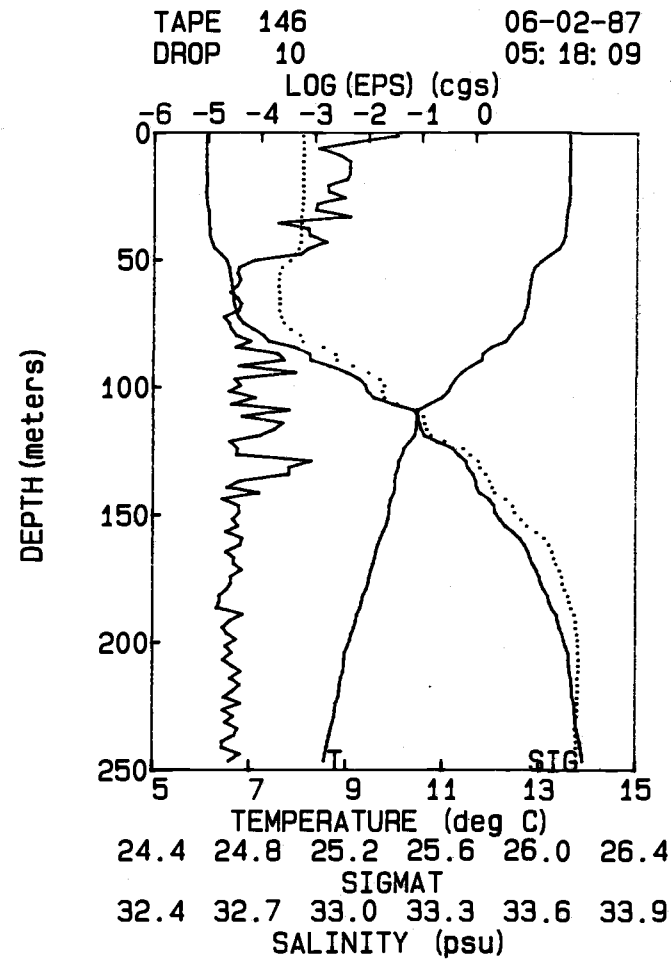
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 146
DROP 10
06-02-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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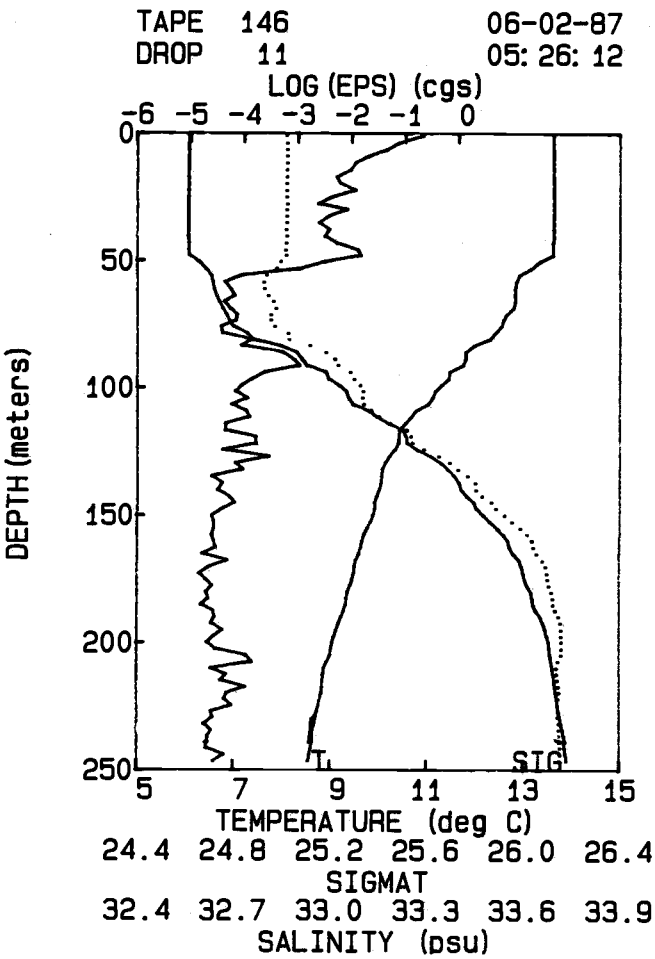
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 146
DROP 11
06-02-87
05: 26: 12
LOG (EPS) (cgs)
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DEPTH (meters)
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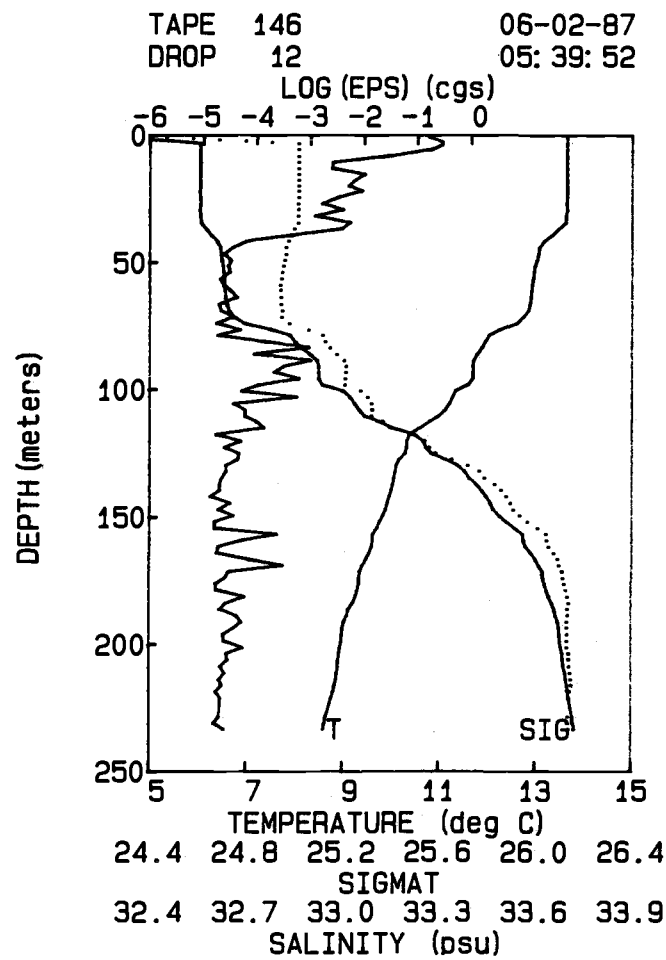
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 12
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05: 39: 52
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DEPTH (meters)
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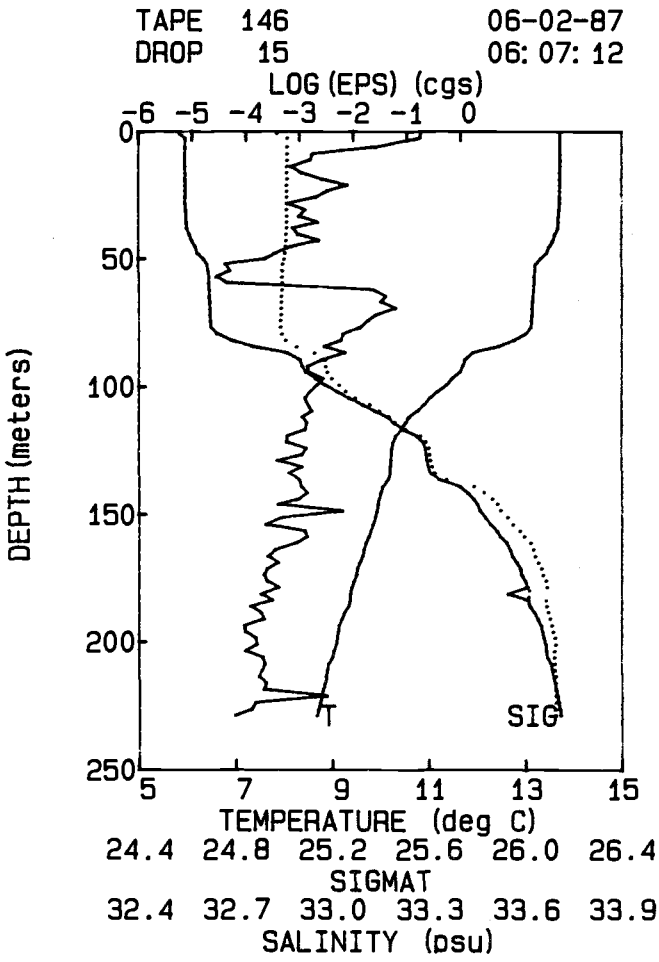
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 15
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06: 07: 12
LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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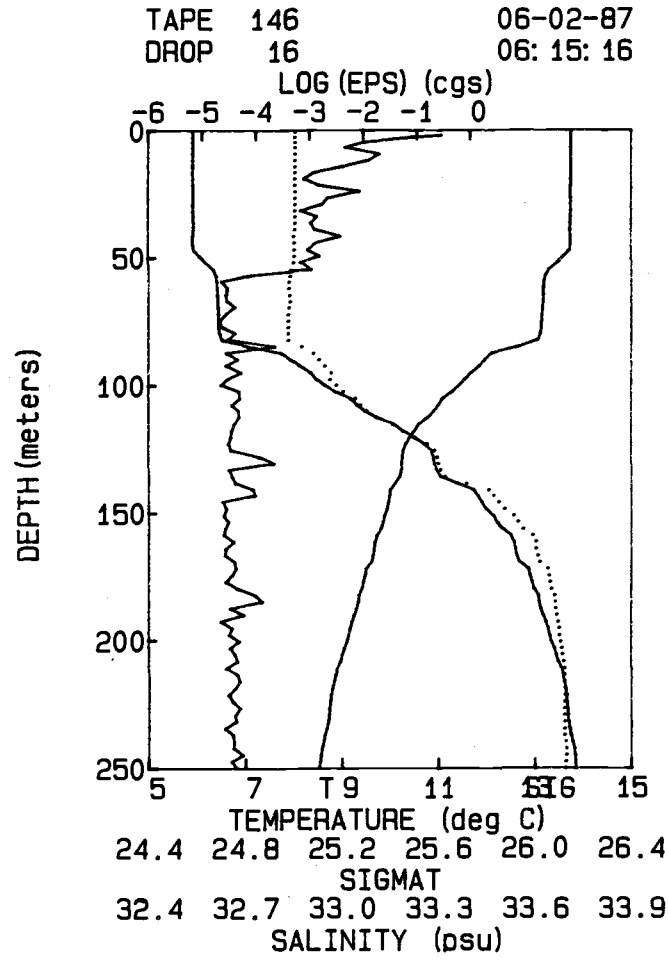
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 16
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DEPTH (meters)
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100
150
200
250
5 7 T 9 11 13 15
TEMPERATURE (deg C)
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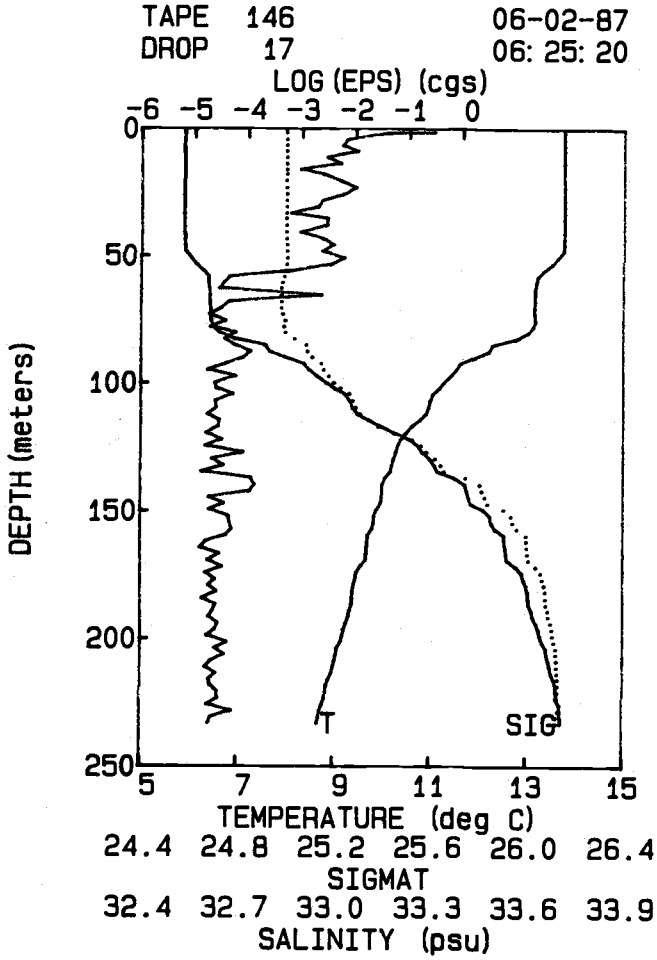
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 146
DROP 17
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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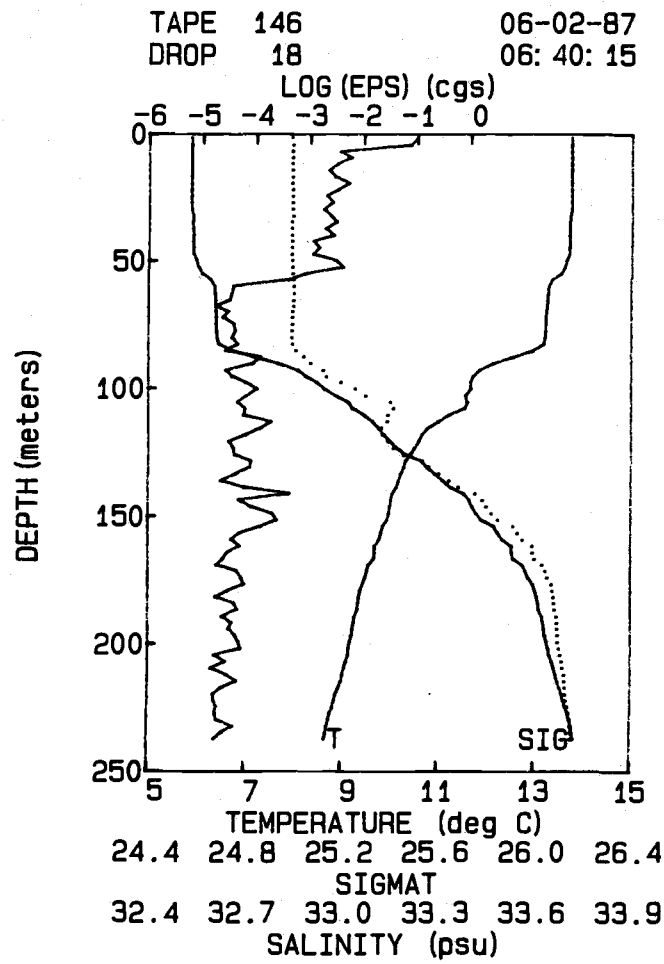
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 146
DROP 18
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DEPTH (meters)
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150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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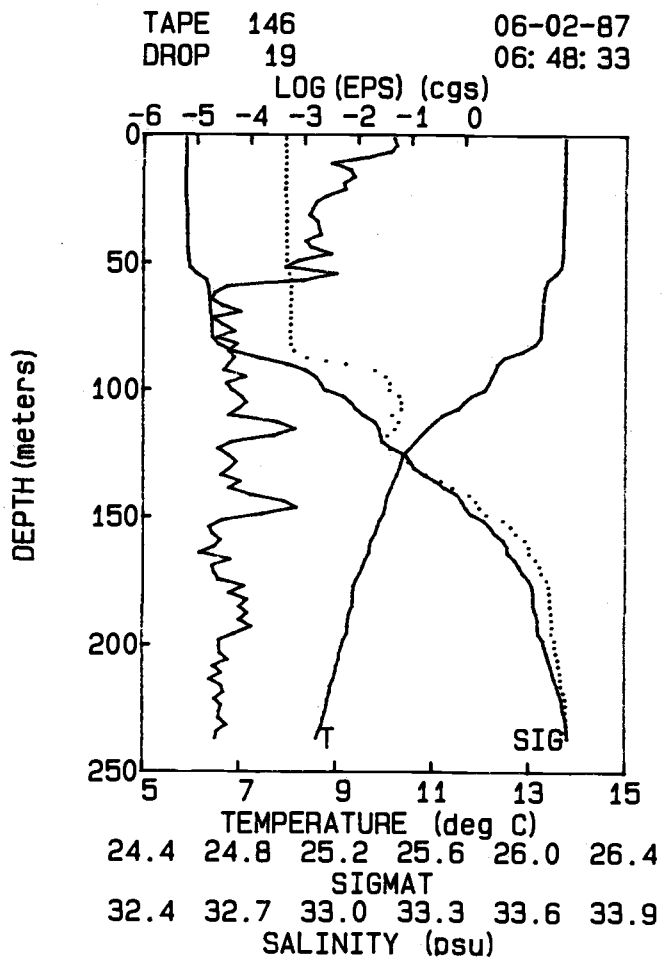
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 146
DROP 19
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06: 48: 33
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DEPTH (meters)
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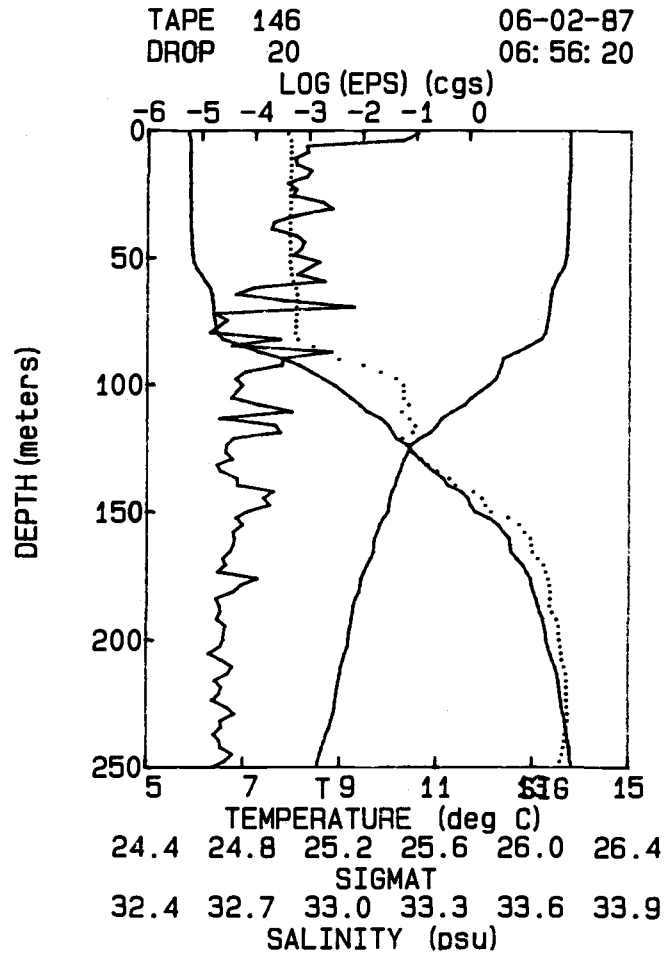
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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100
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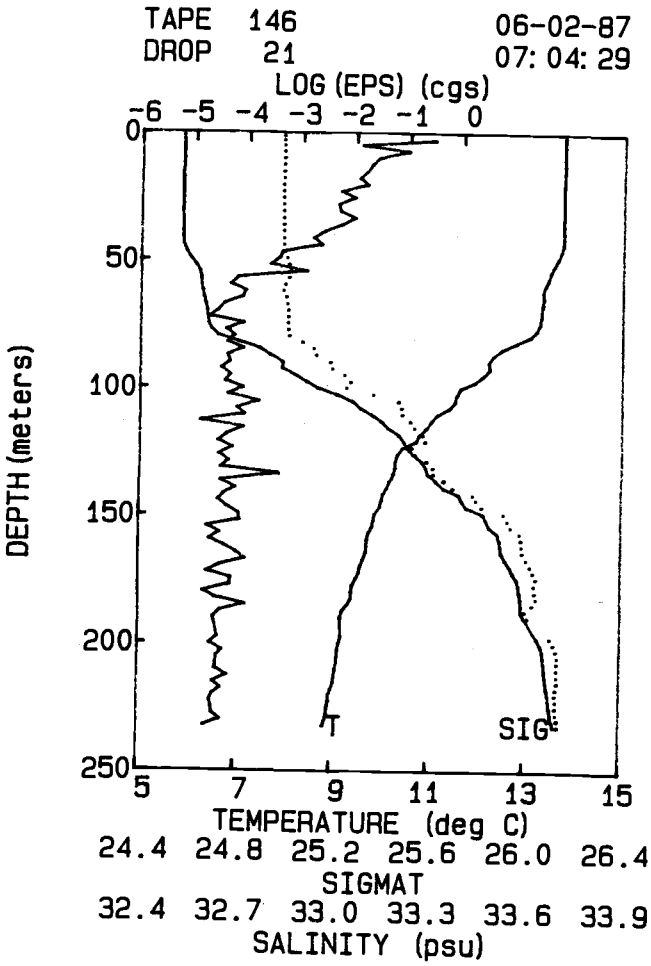
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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07: 04: 29
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DEPTH (meters)
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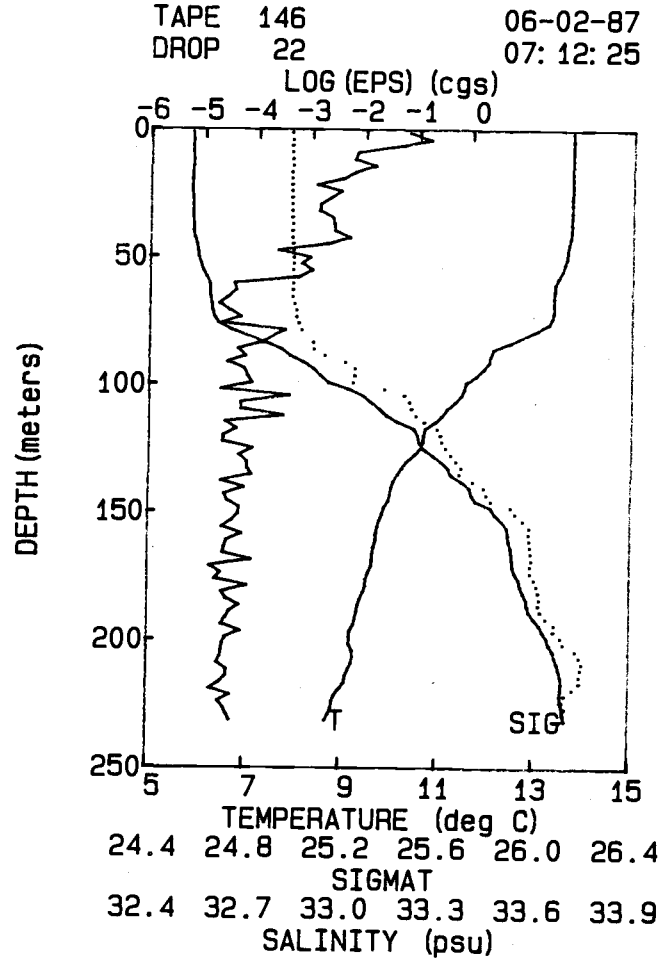
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 146
DROP 22
06-02-87
07: 12: 25
LOG (EPS) (cgs)
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DEPTH (meters)
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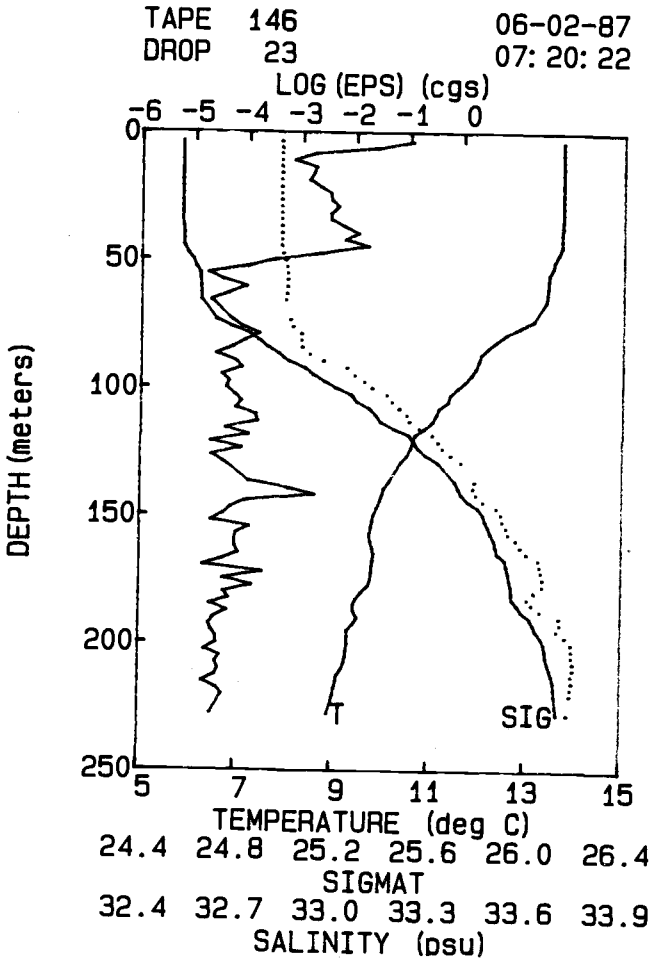
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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06-02-87
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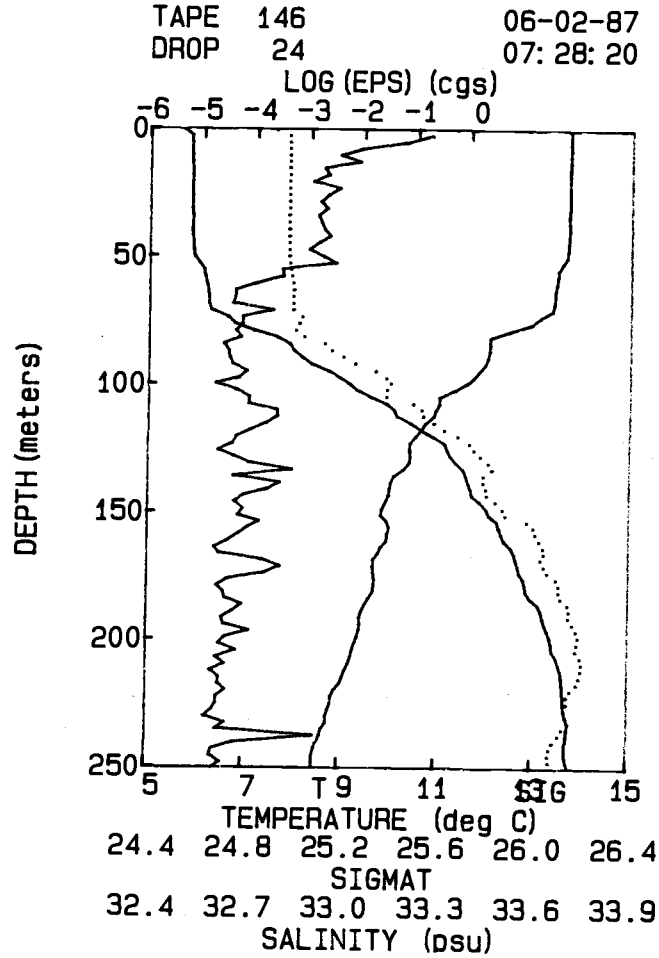
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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06-02-87
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LOG (EPS) (cgs)
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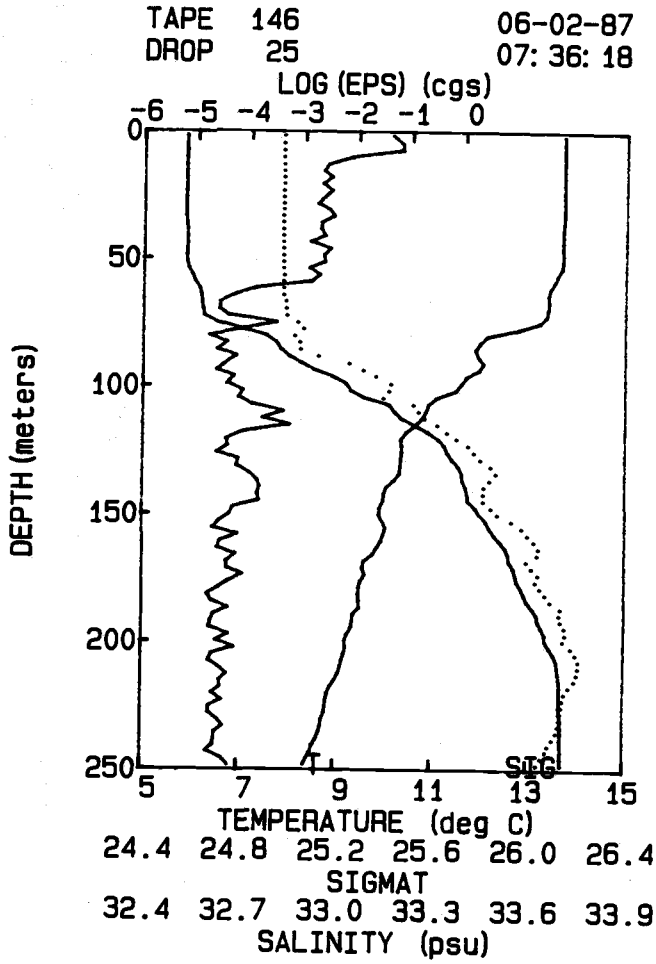
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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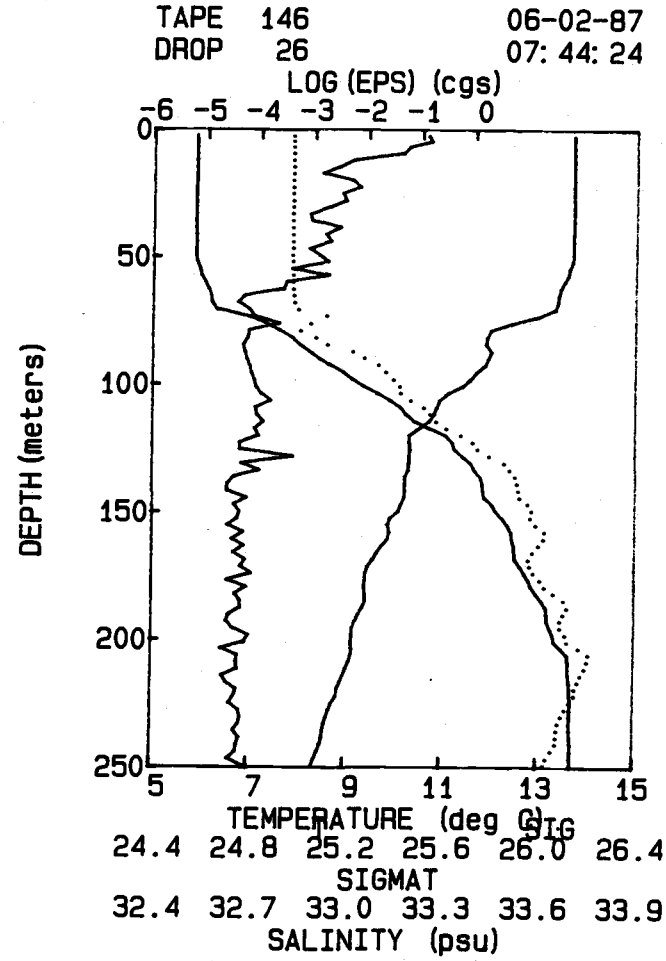
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 146
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06-02-87
07: 44: 24
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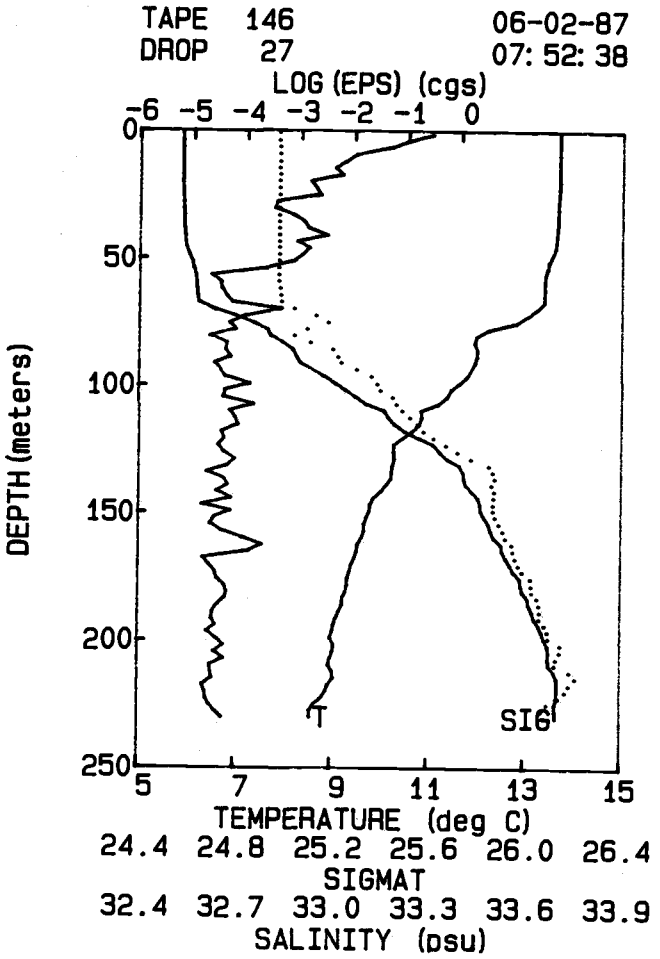
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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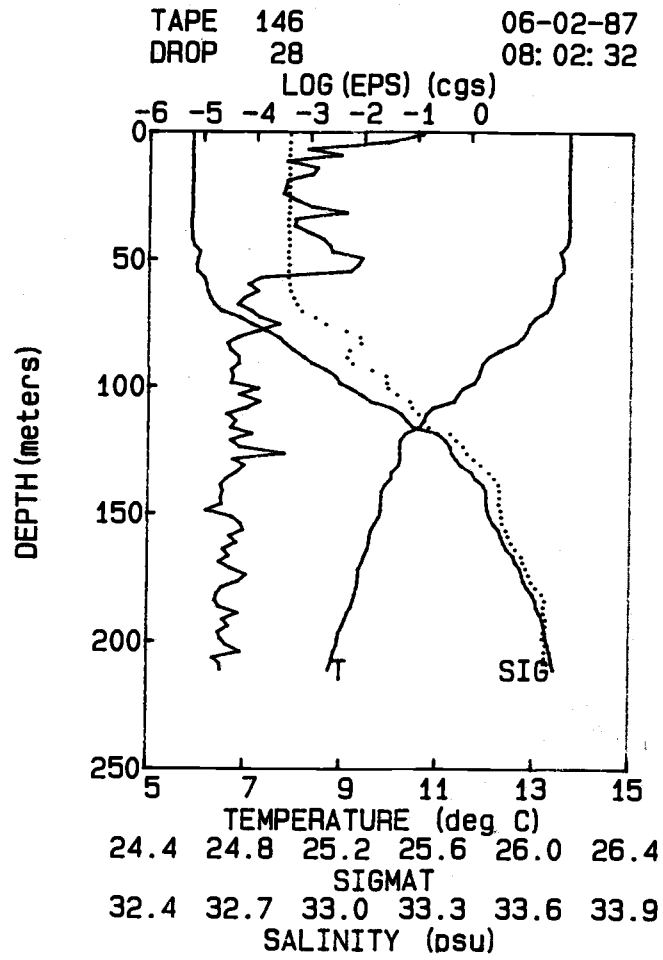
06-02-87
07: 52: 38
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 28
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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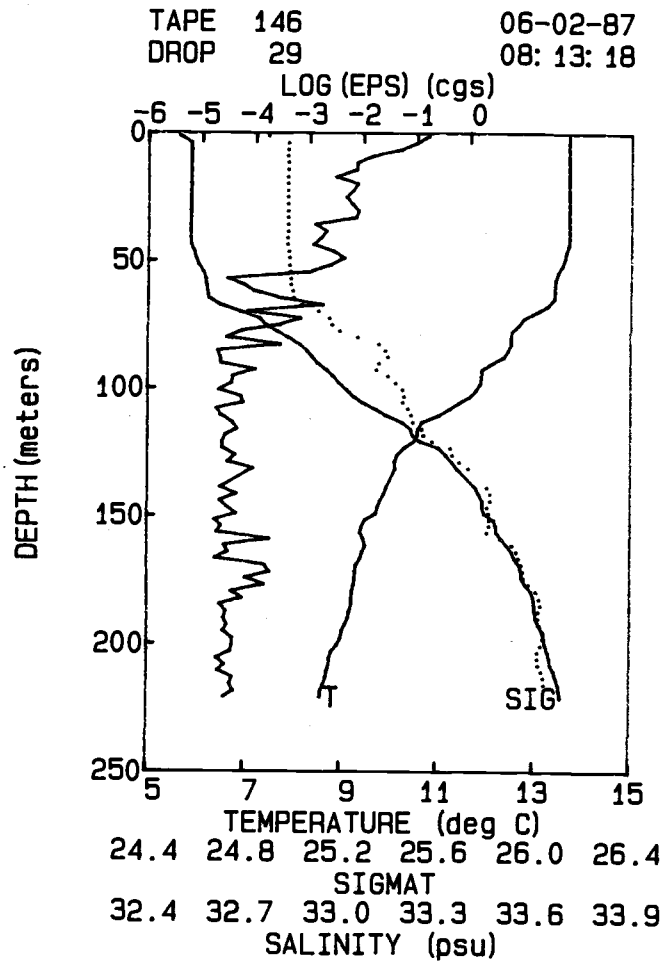
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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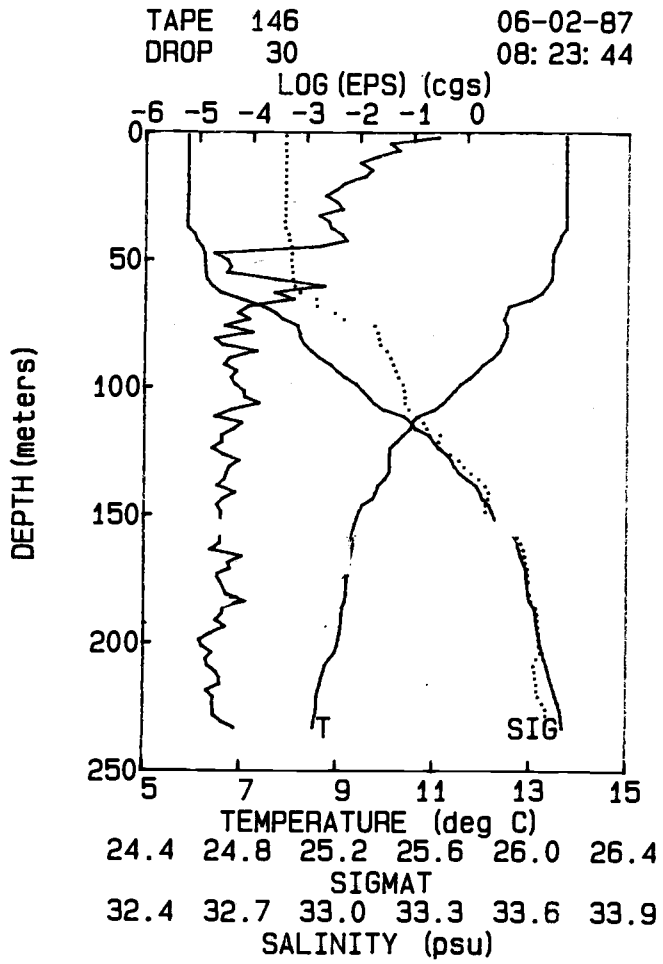
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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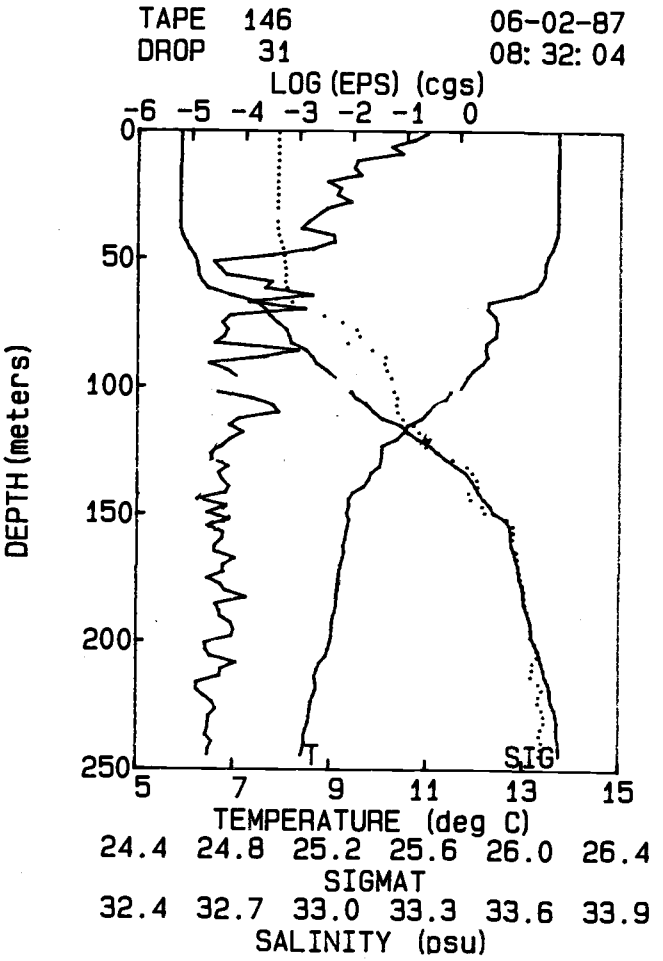
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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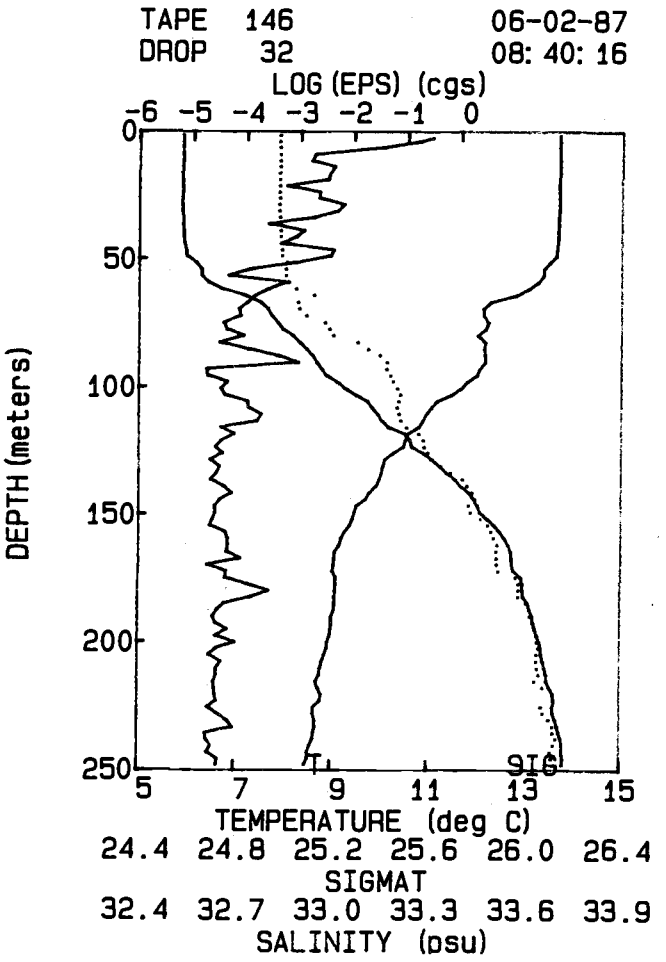
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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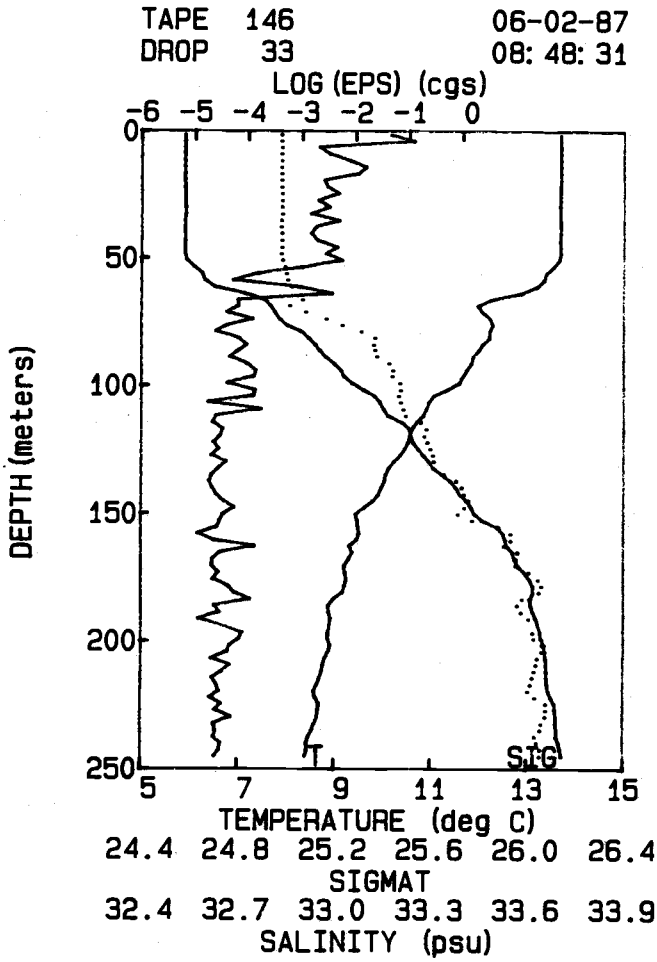
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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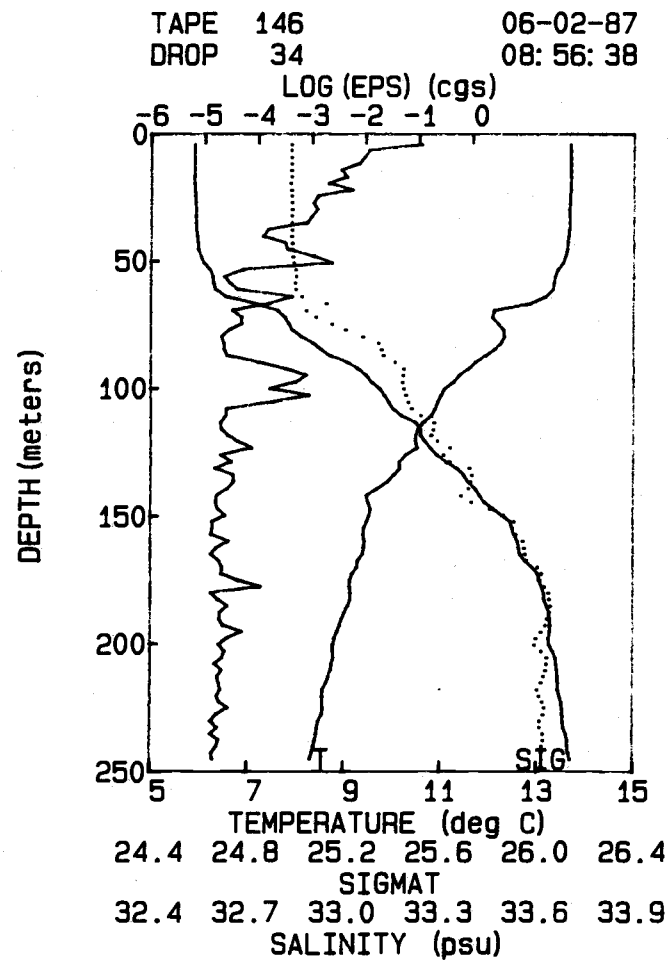
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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08: 56: 38
LOG (EPS) (cgs)
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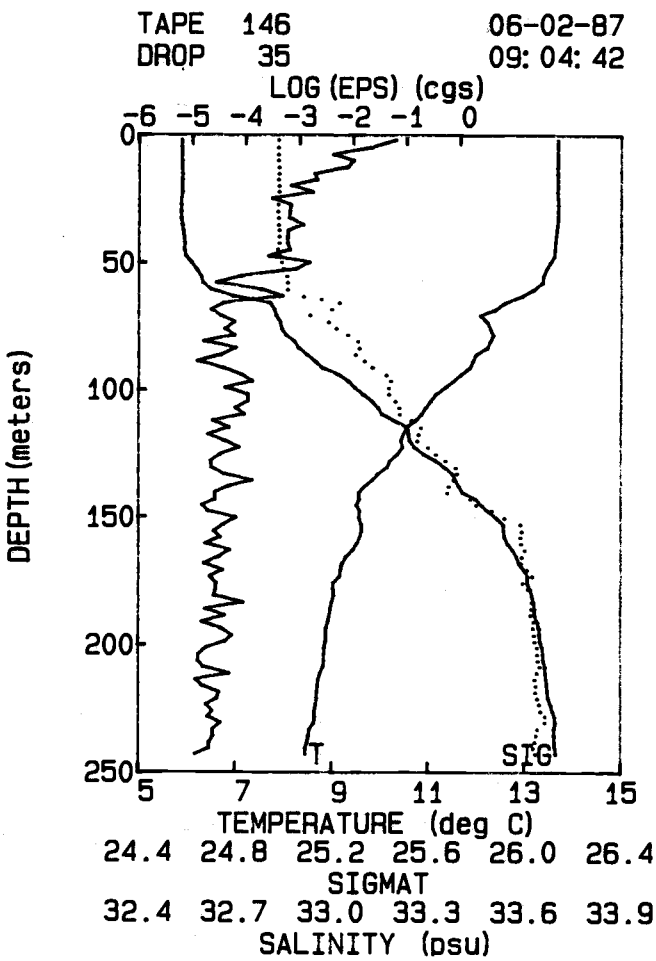
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 35
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09: 04: 42
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DEPTH (meters)
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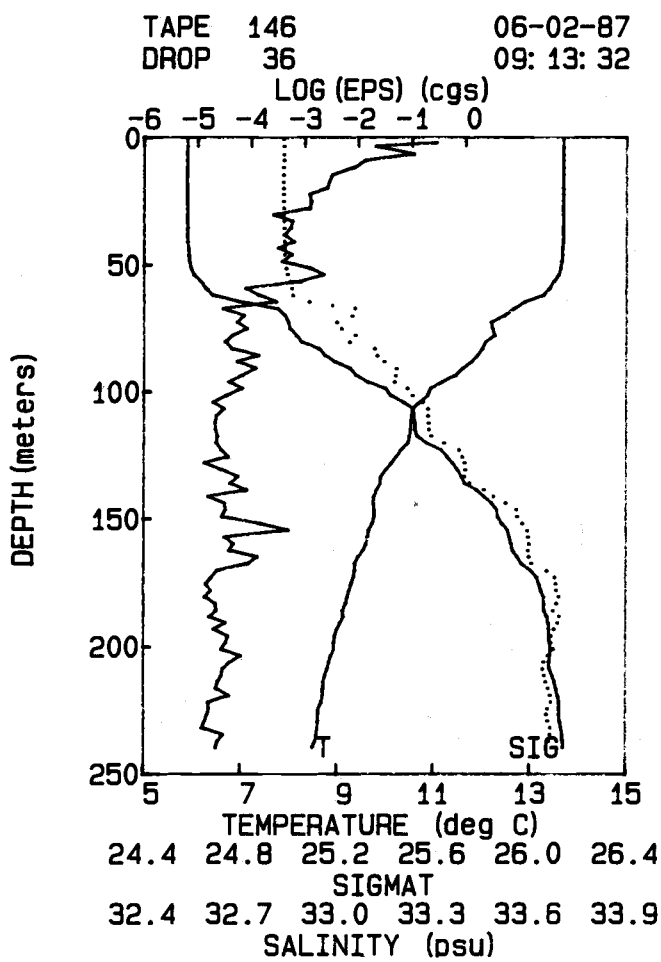
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 36
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DEPTH (meters)
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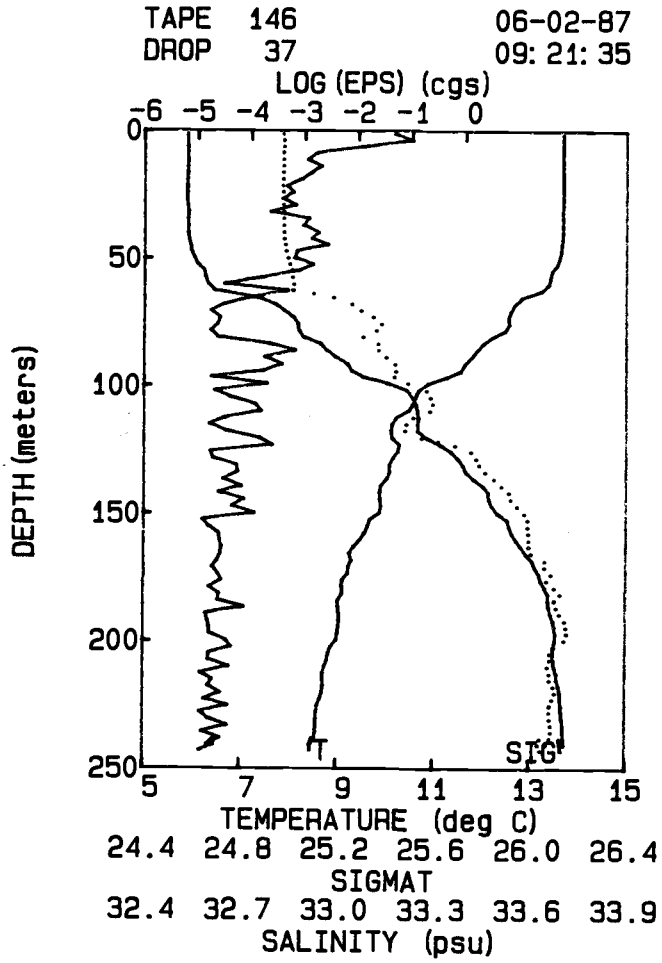
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 37
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09: 21: 35
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DEPTH (meters)
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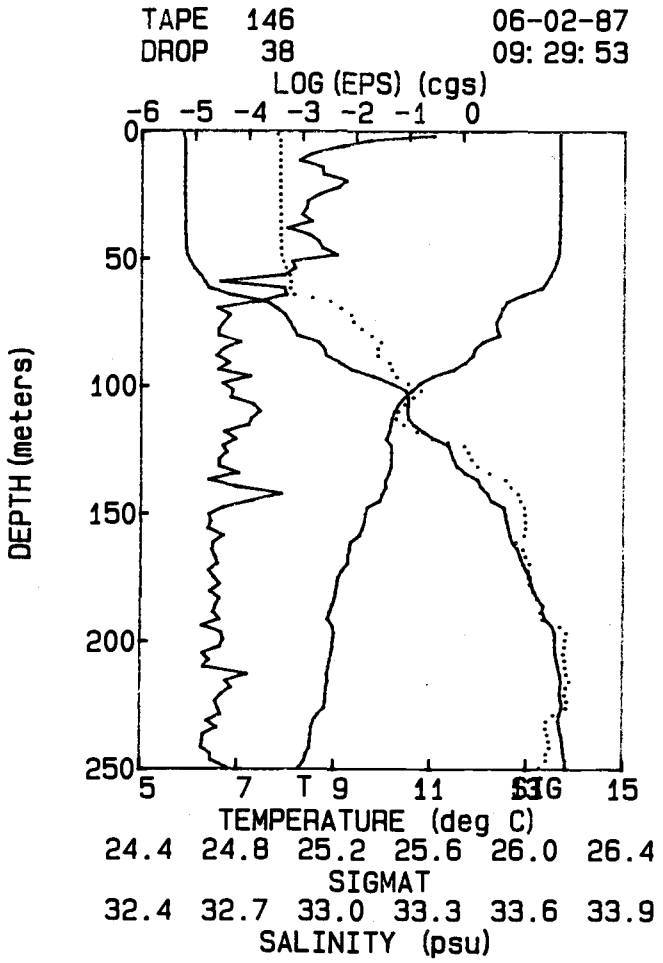
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 146
DROP 38
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09: 29: 53
LOG (EPS) (cgs)
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DEPTH (meters)
0 50 100 150 200 250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
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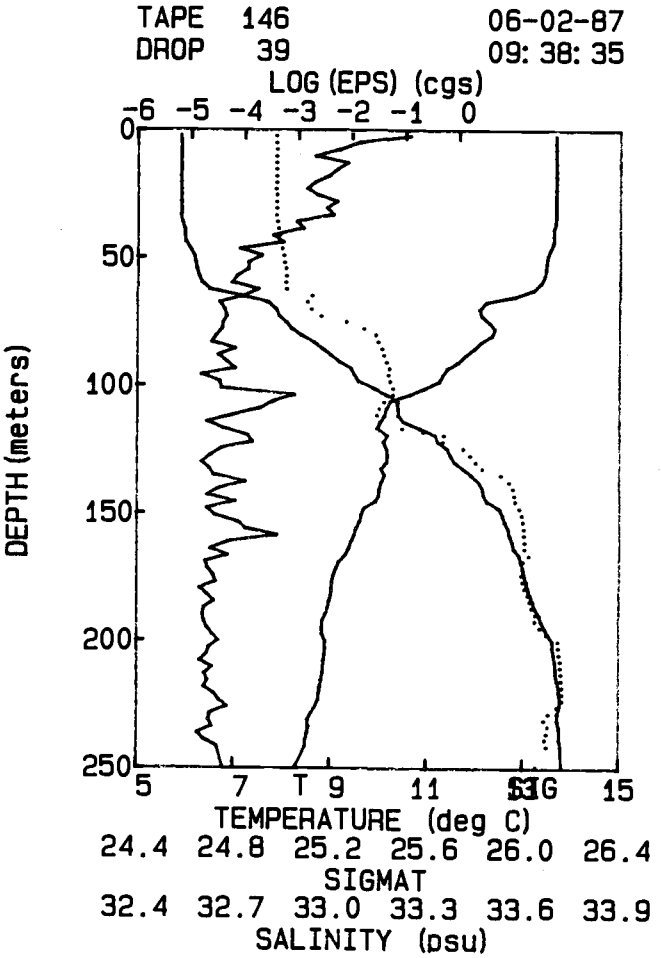
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DROP 39
06-02-87
09: 38: 35
LOG (EPS) (cgs)
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DEPTH (meters)
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
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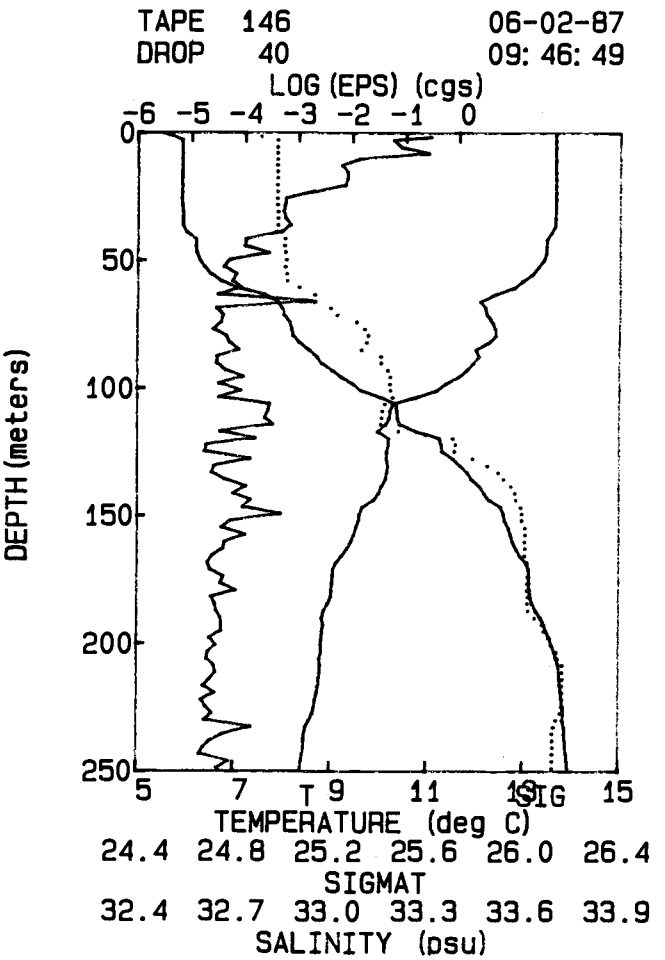
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DROP 40
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LOG (EPS) (cgs)
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DEPTH (meters)
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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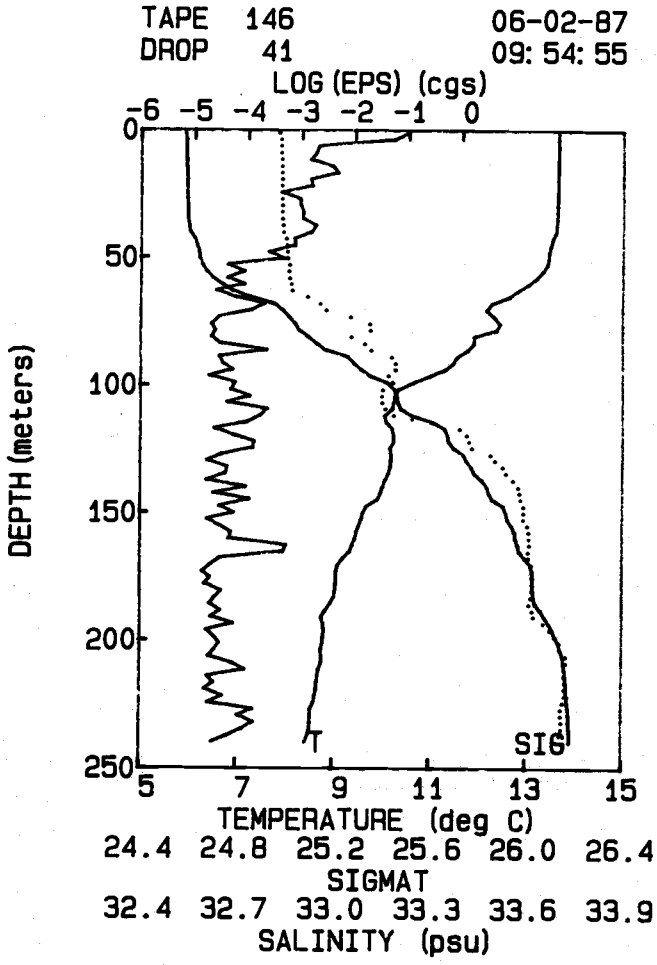
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 41
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LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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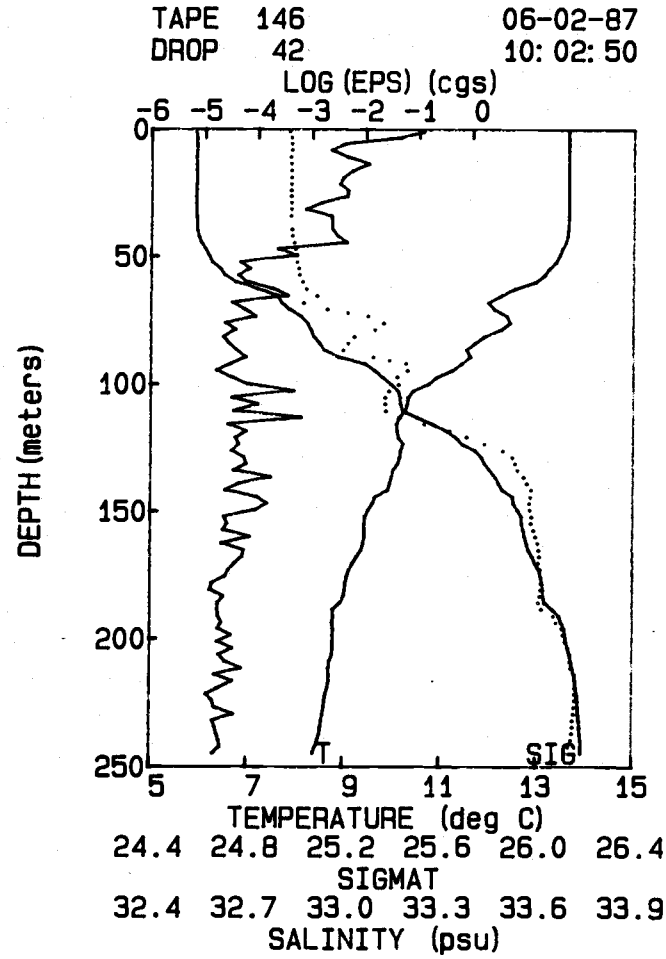
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06-02-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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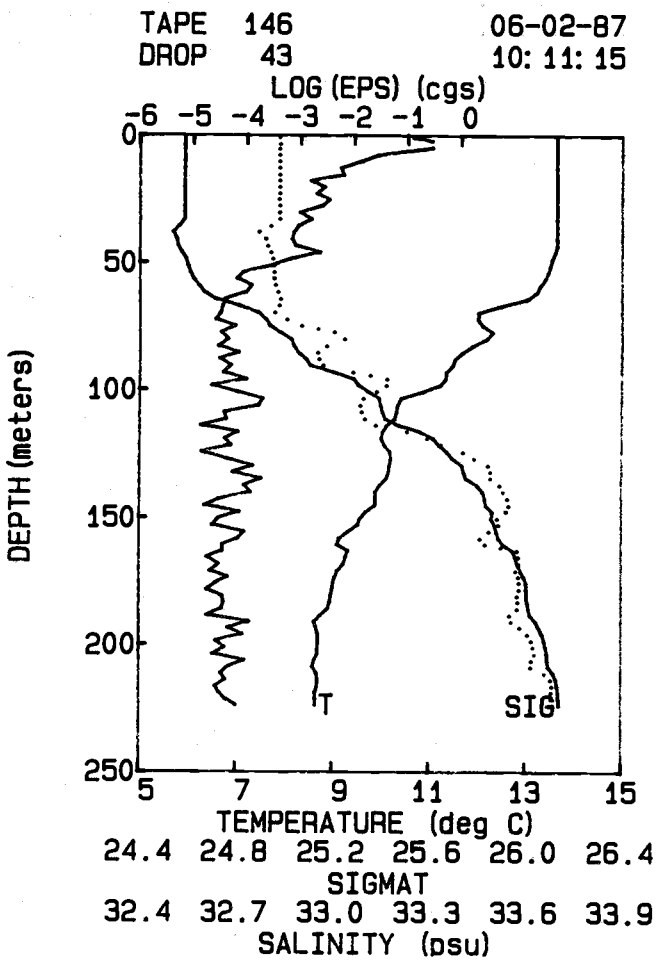
SALINITY (psu)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DROP 43
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LOG (EPS) (cgs)
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DEPTH (meters)
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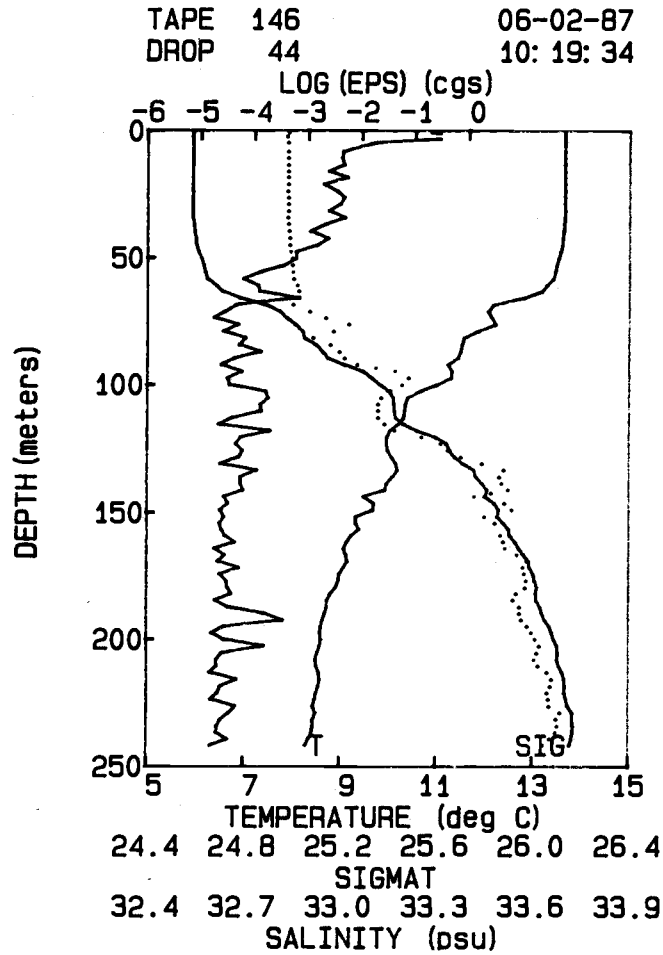
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 44
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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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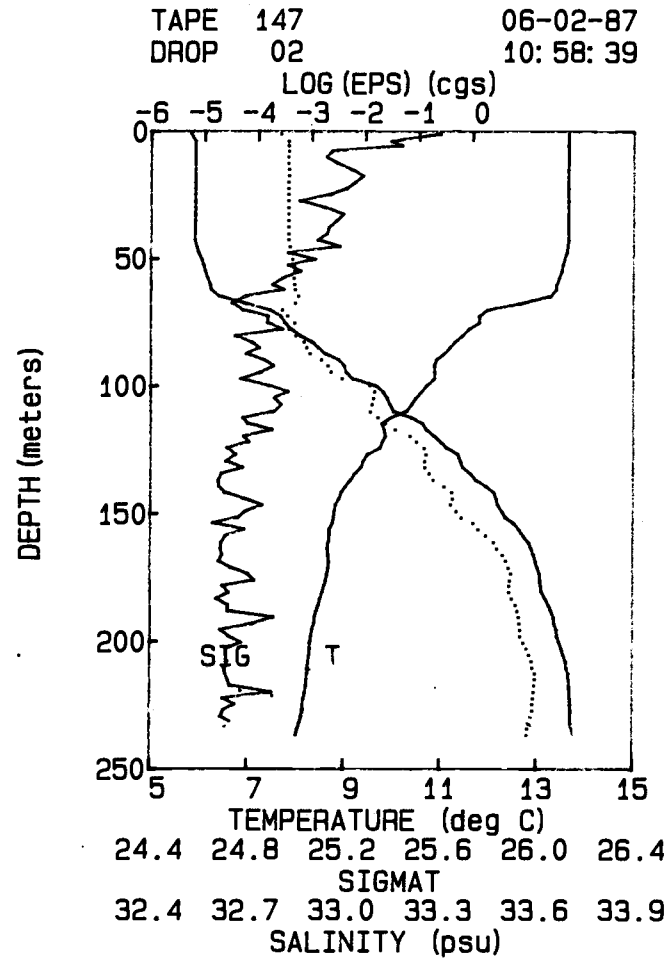
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 02
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10: 58: 39
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DEPTH (meters)
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100
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200
250
SIG
T
5 7 9 11 13 15
TEMPERATURE (deg C)
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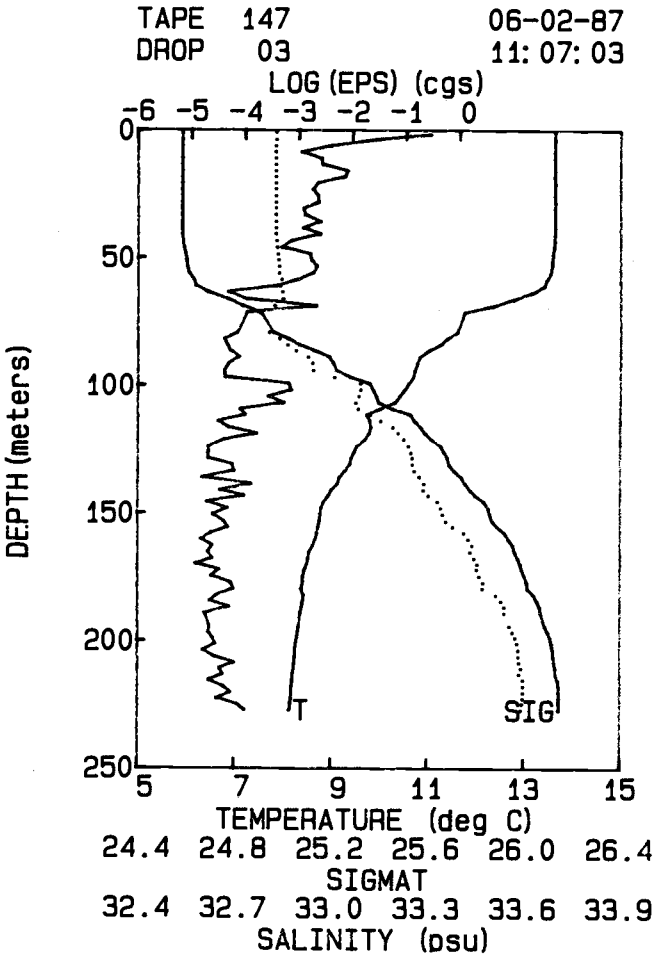
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 147
DROP 03
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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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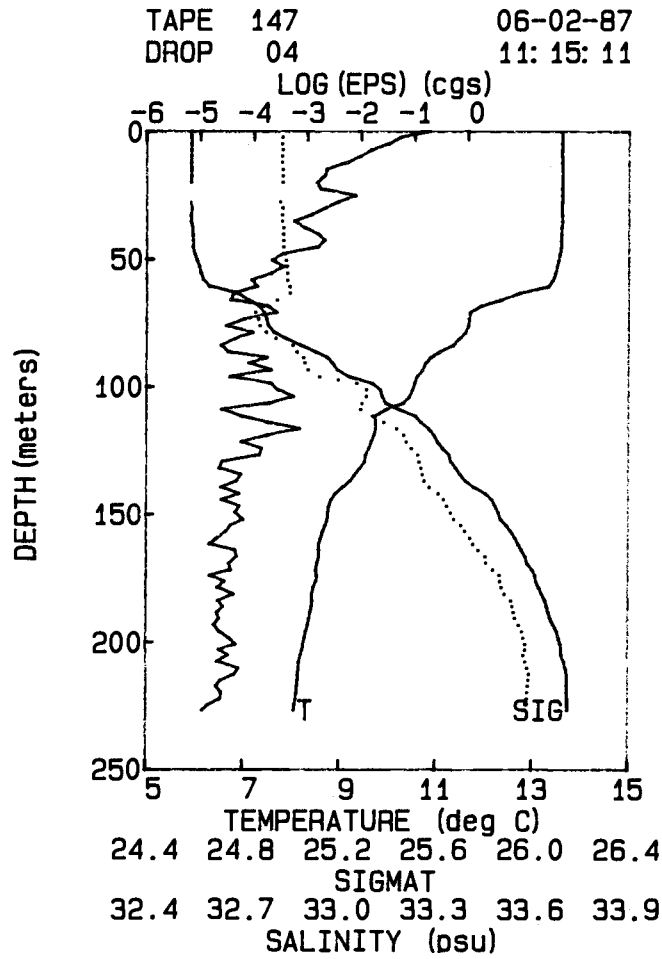
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 04
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DEPTH (meters)
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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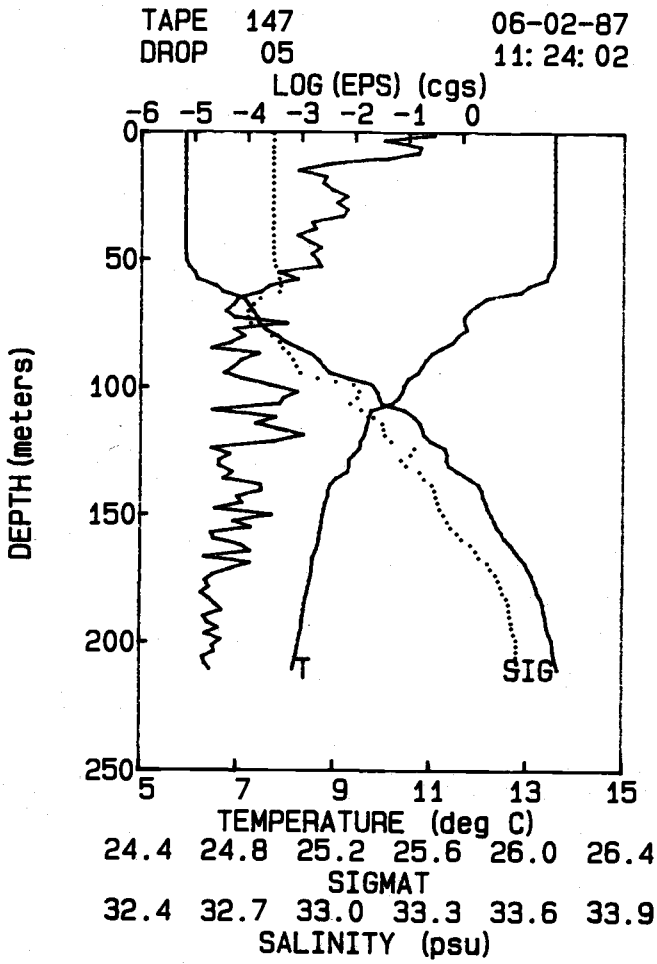
SALINITY (psu)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DROP 05
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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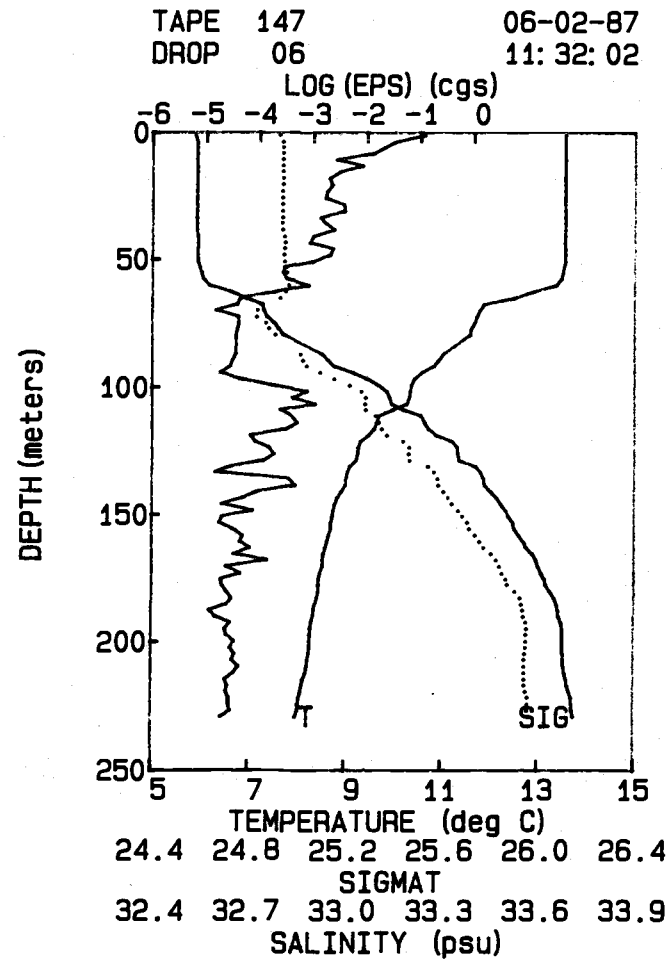
SALINITY (psu)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DROP 06
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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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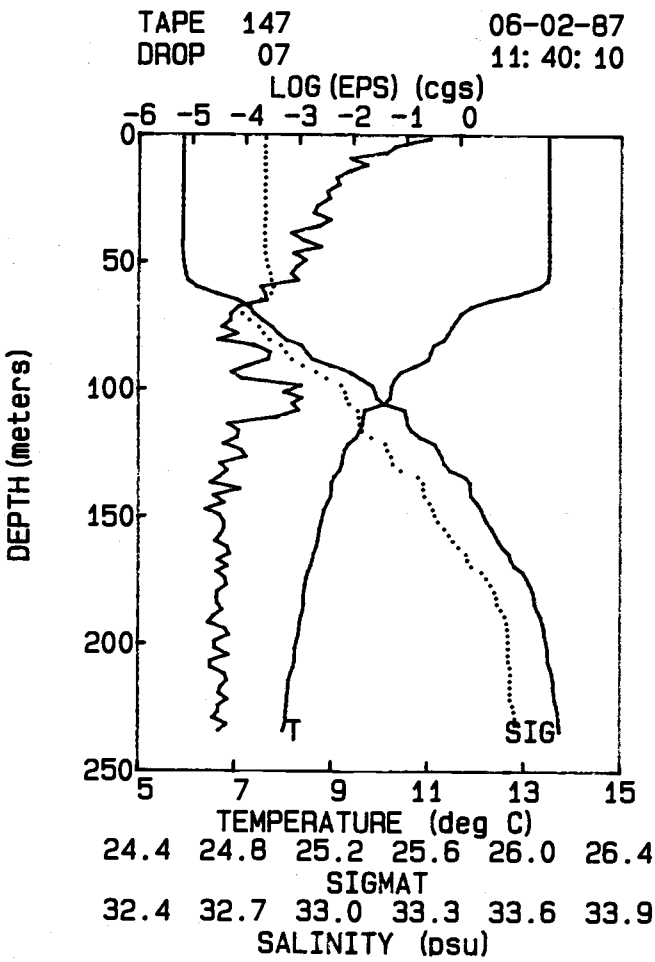
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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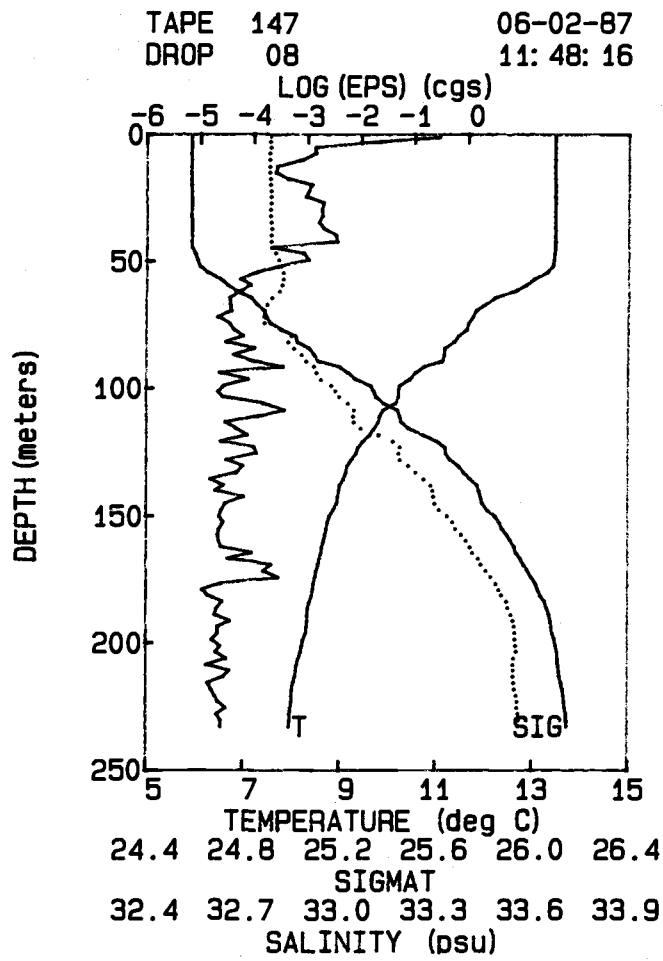
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 08
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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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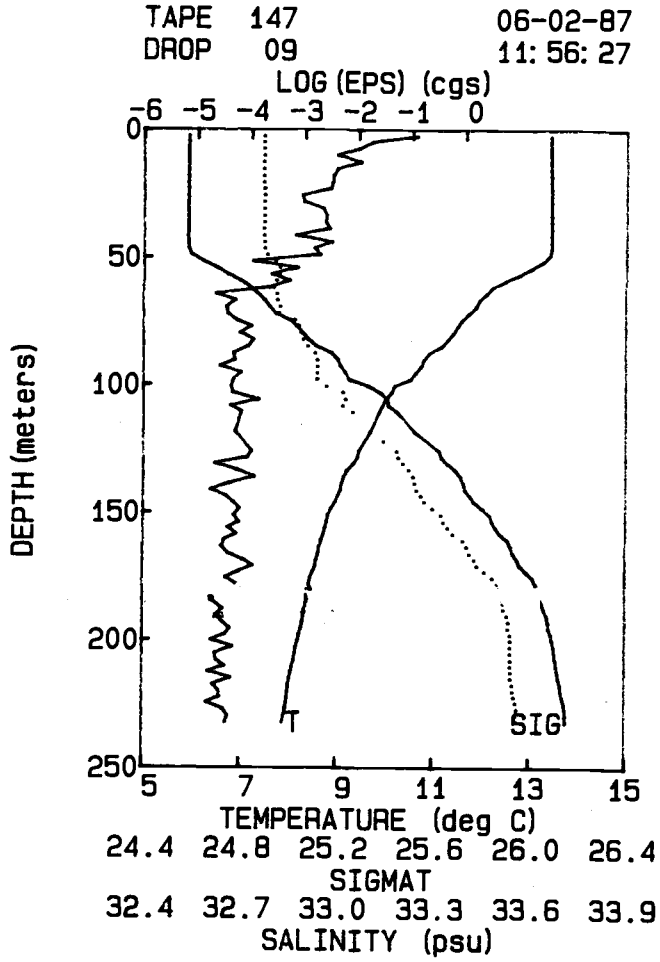
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 09
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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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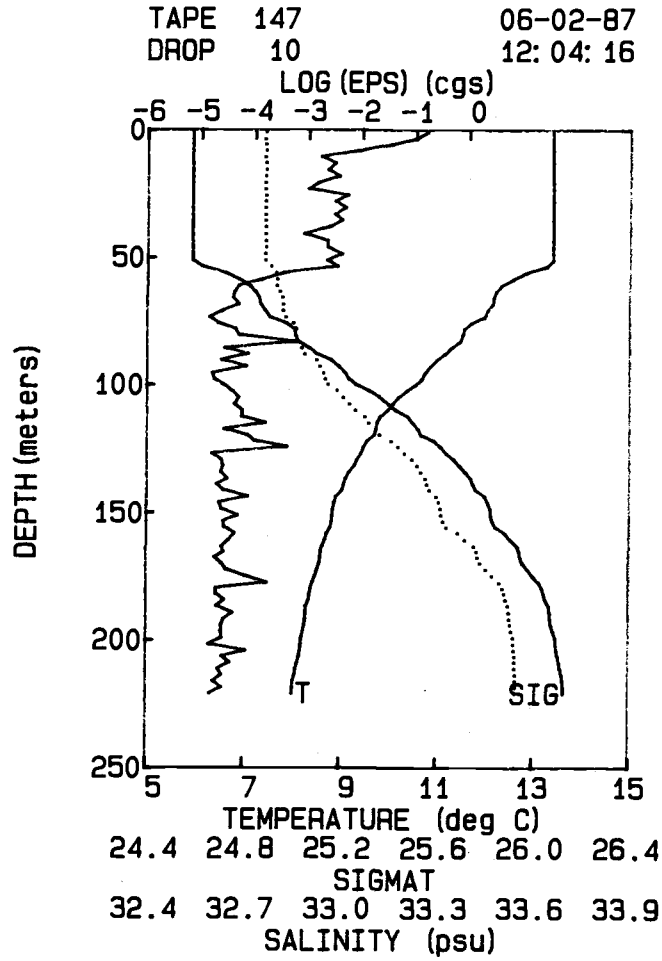
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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200
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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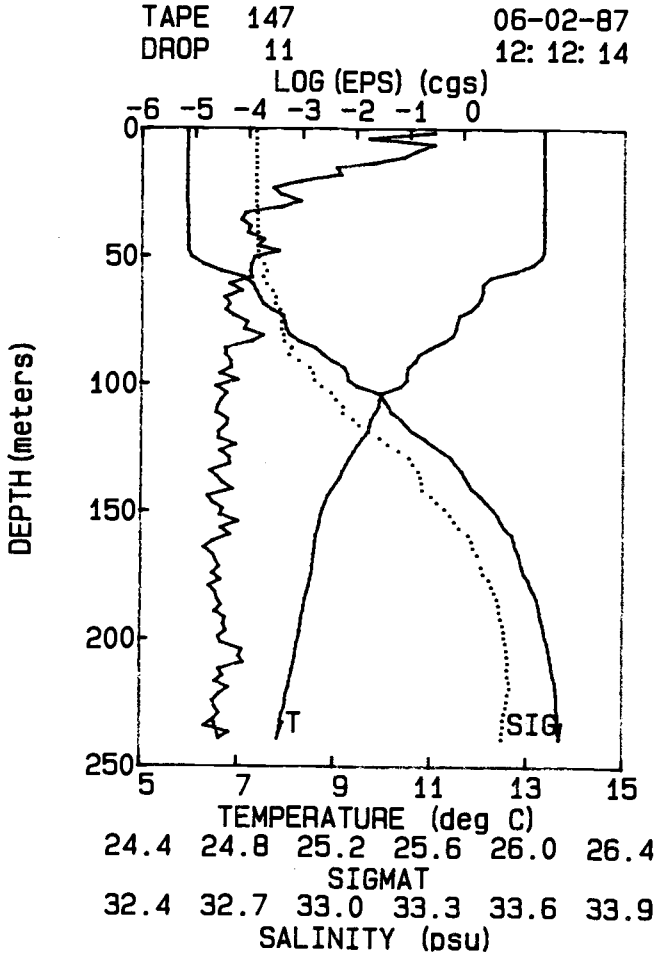
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 11
06-02-87
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DEPTH (meters)
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100
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200
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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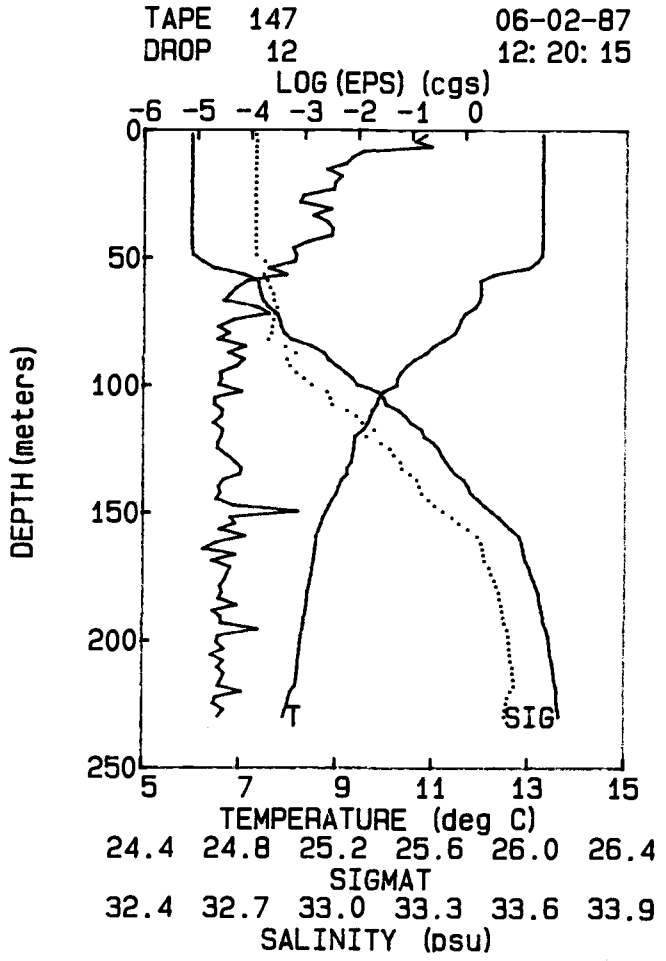
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 147
DROP 12
06-02-87
12: 20: 15
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DEPTH (meters)
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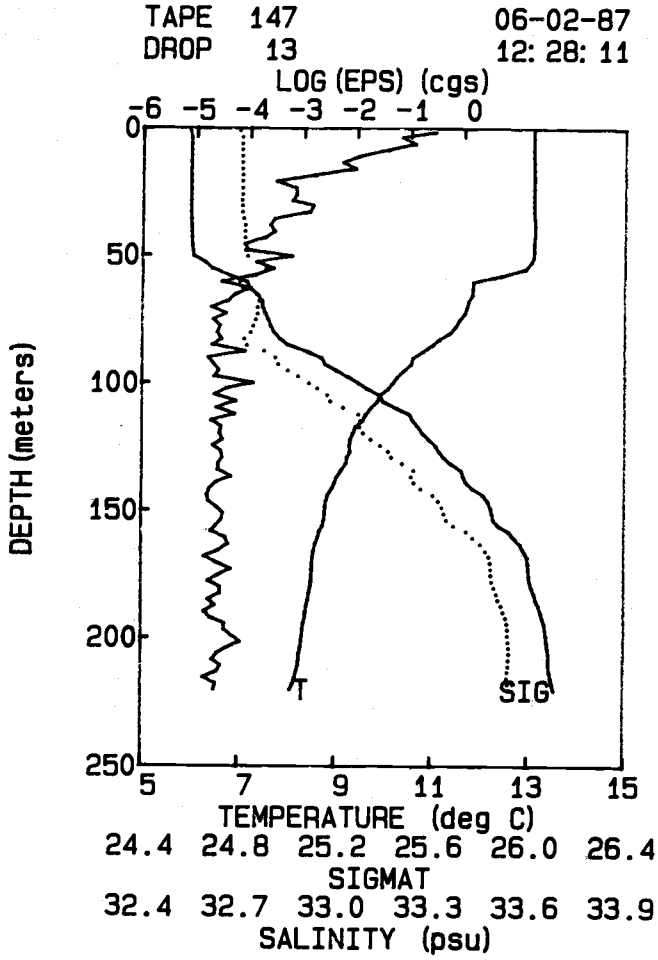
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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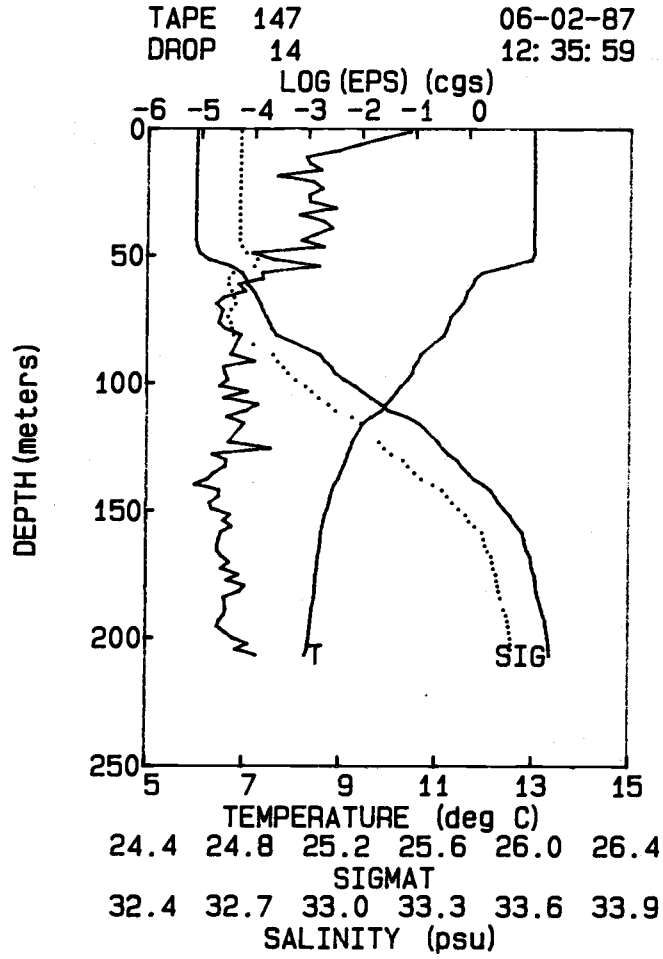
06-02-87
12: 28: 11
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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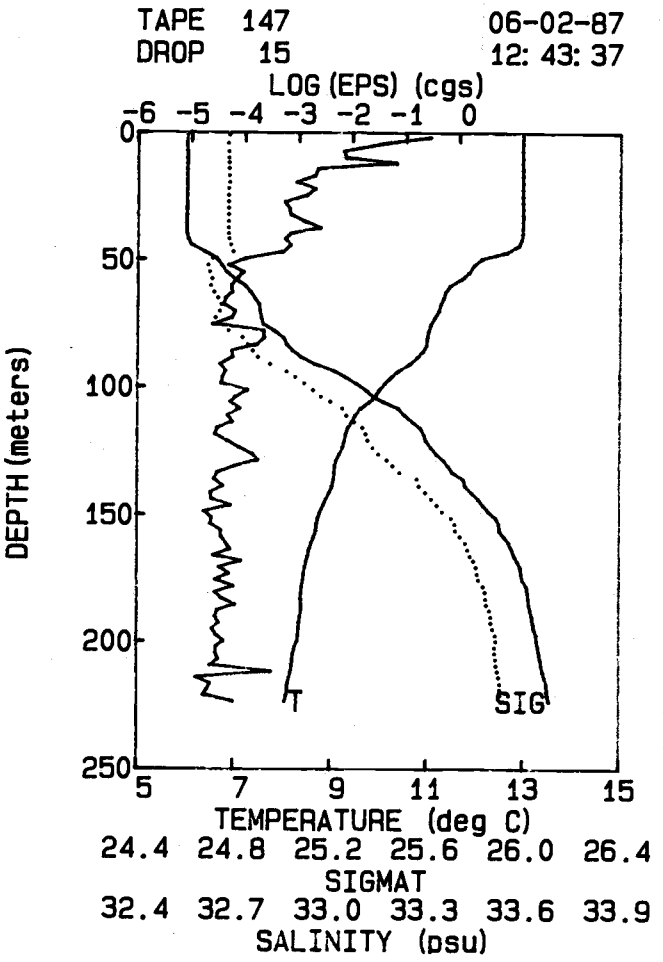
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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06-02-87
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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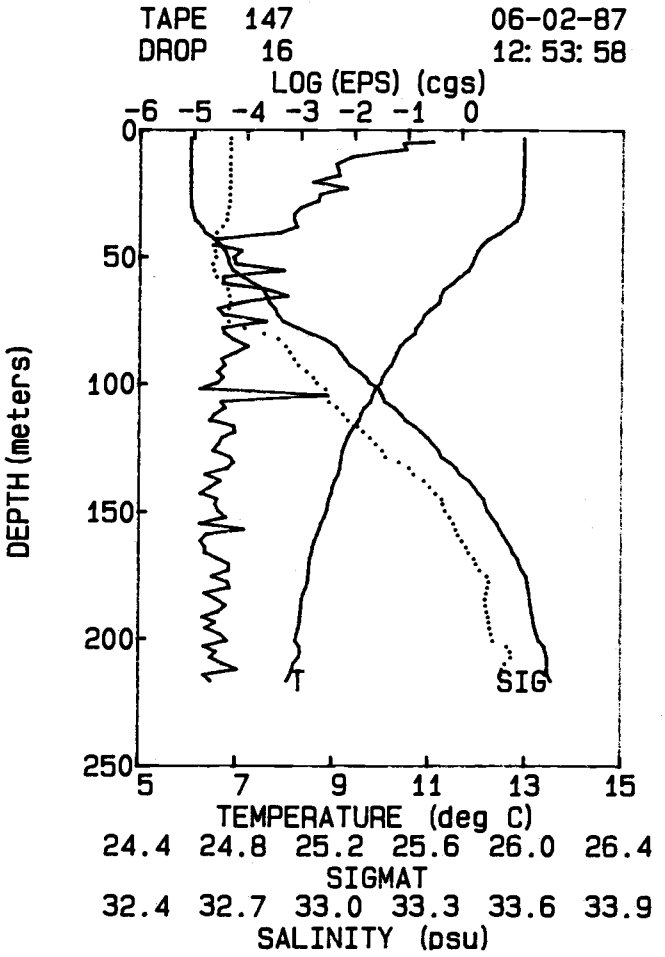
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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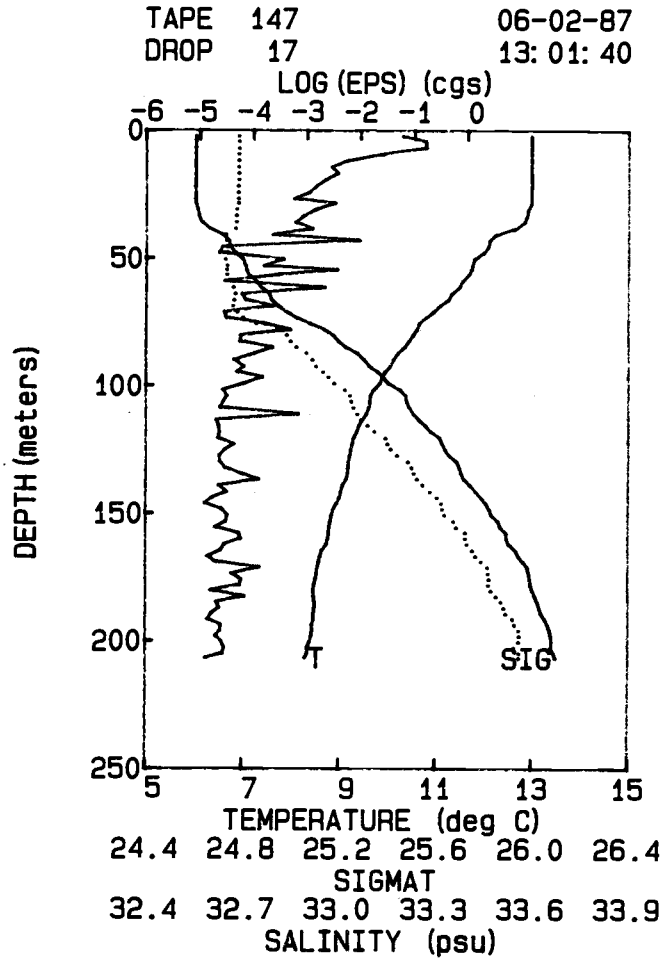
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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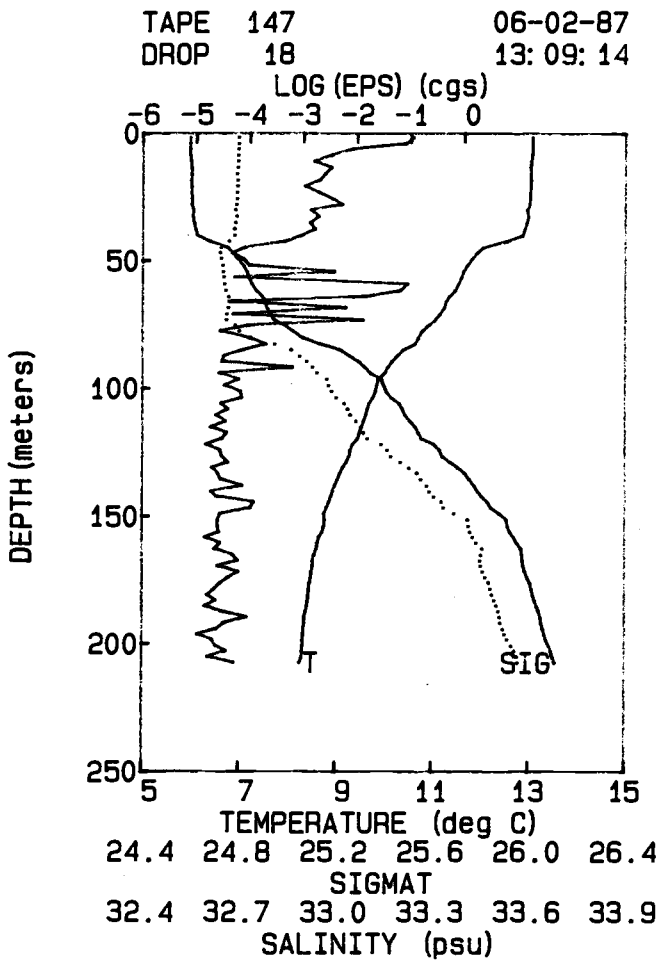
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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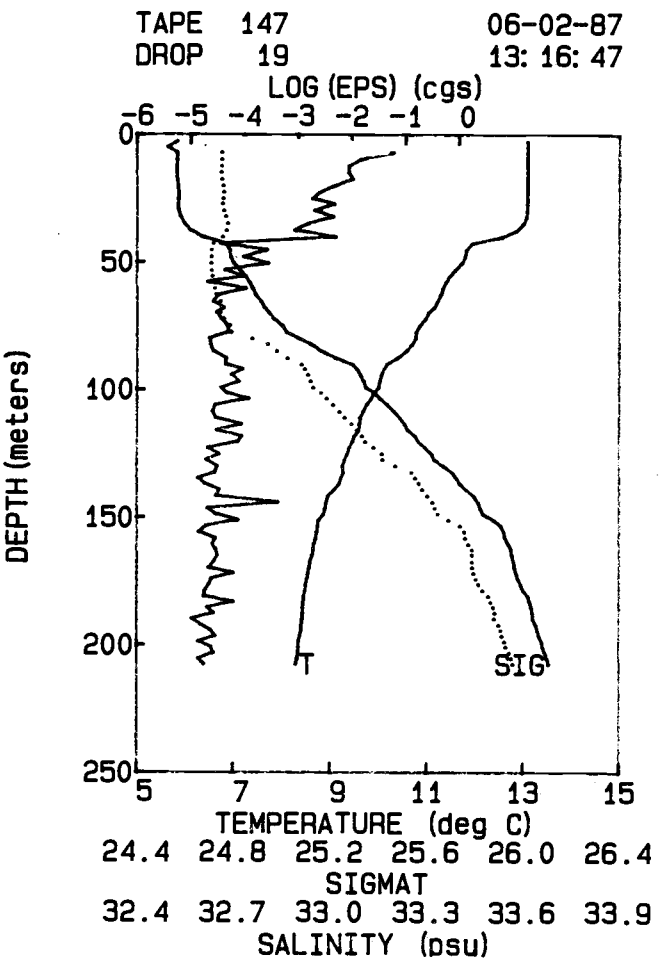
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 19
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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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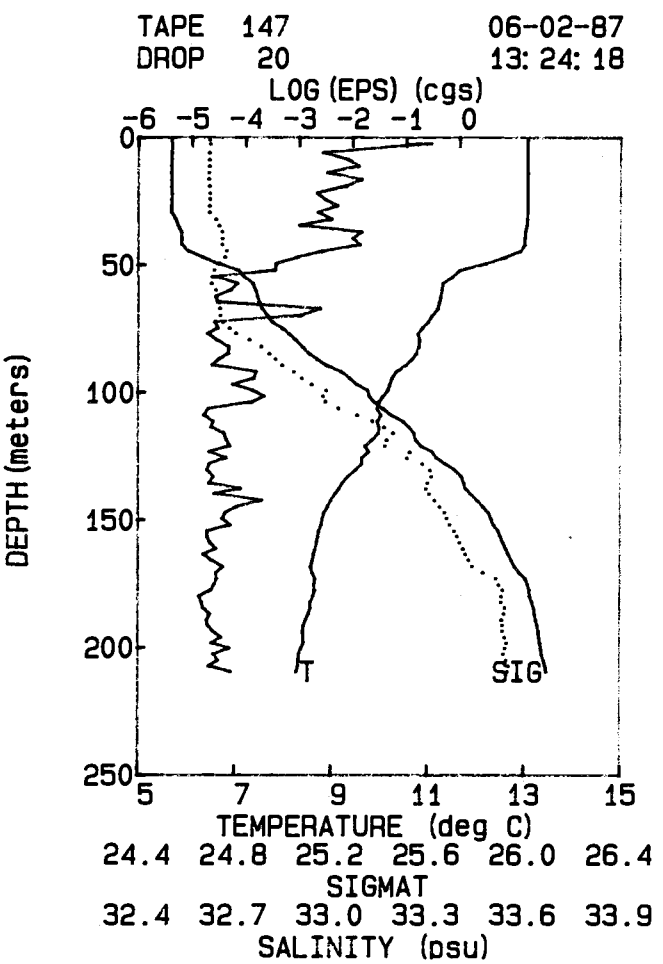
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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13: 24: 18
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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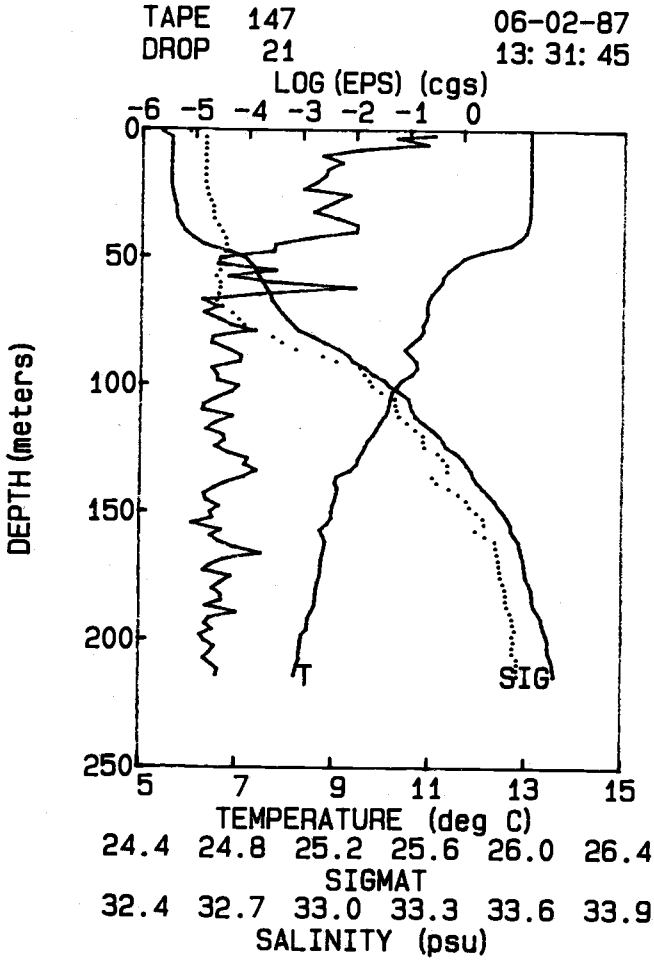
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 21
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13: 31: 45
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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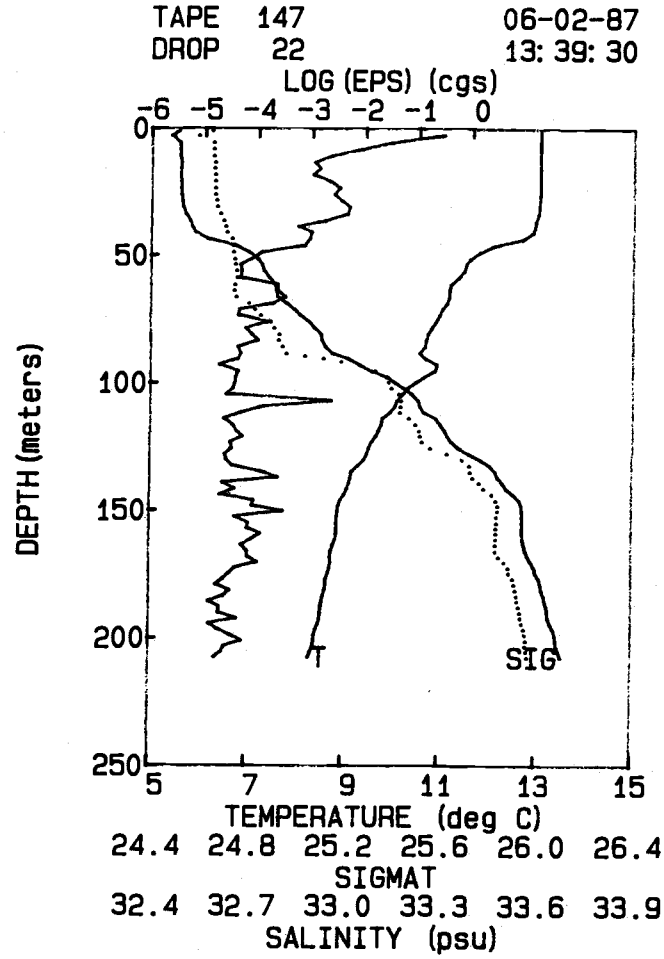
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 22
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13: 39: 30
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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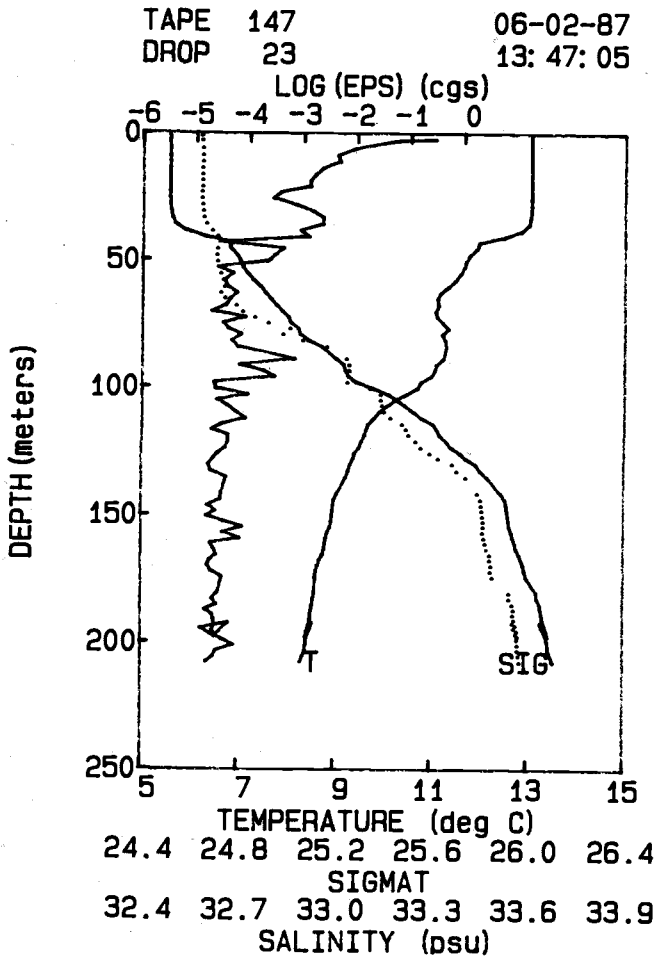
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 23
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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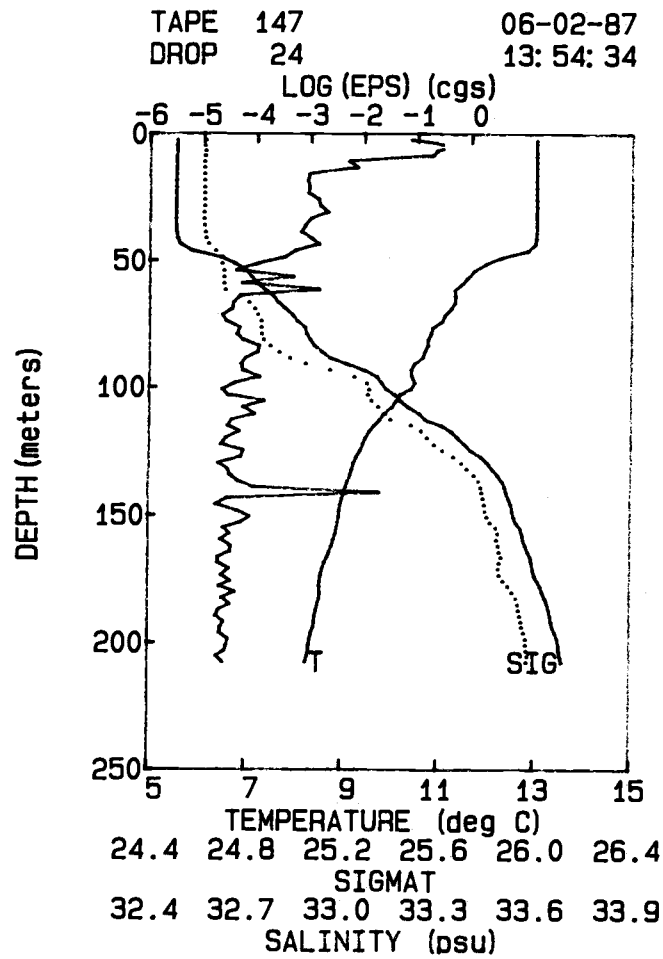
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 147
DROP 24
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13: 54: 34
LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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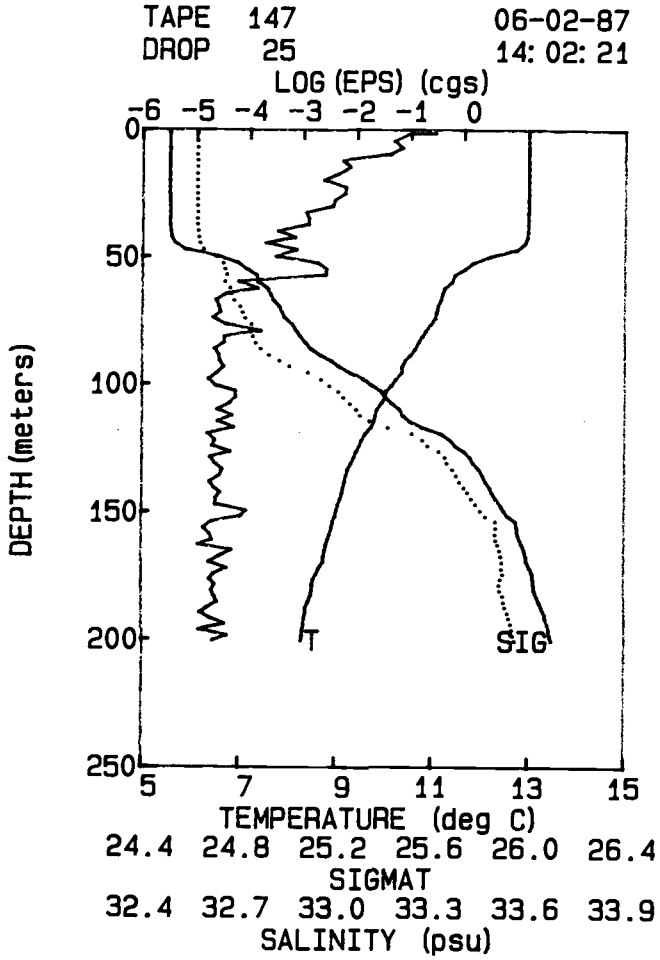
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 25
06-02-87
14: 02: 21
LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
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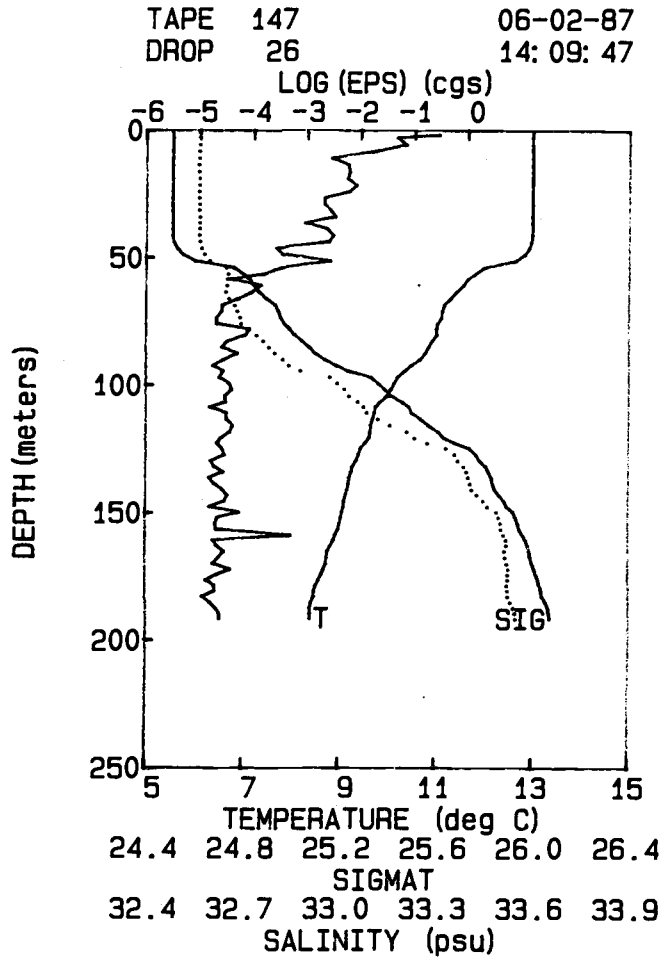
SALINITY (psu)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DROP 26
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14: 09: 47
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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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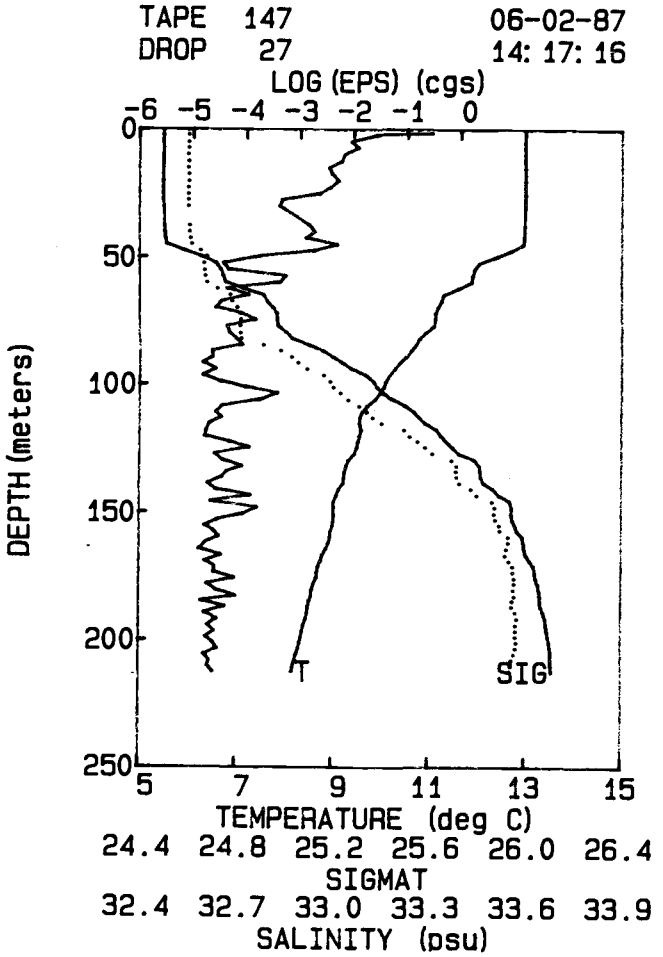
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DROP 27
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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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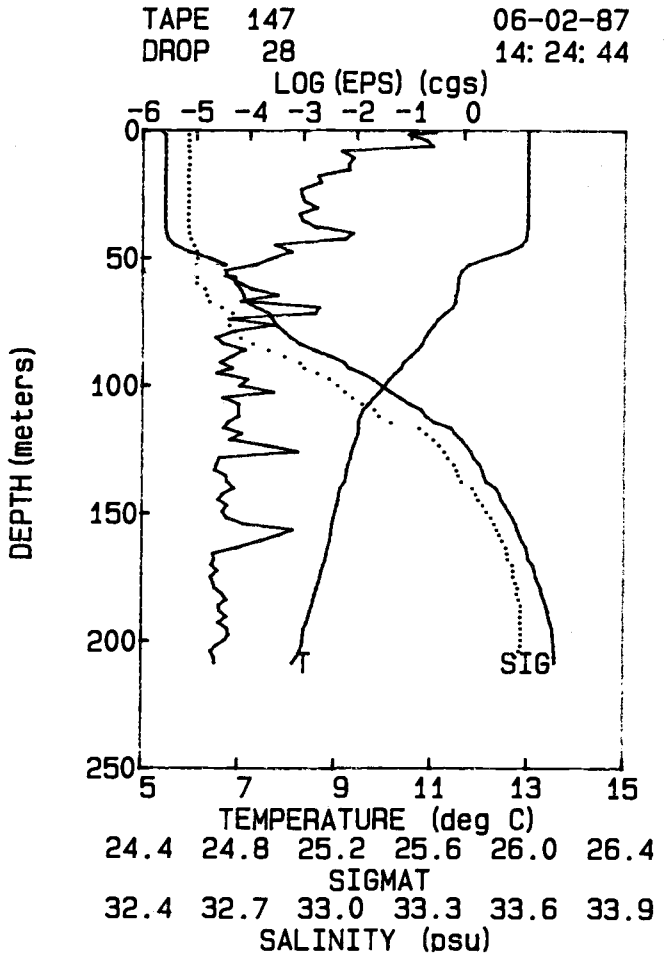
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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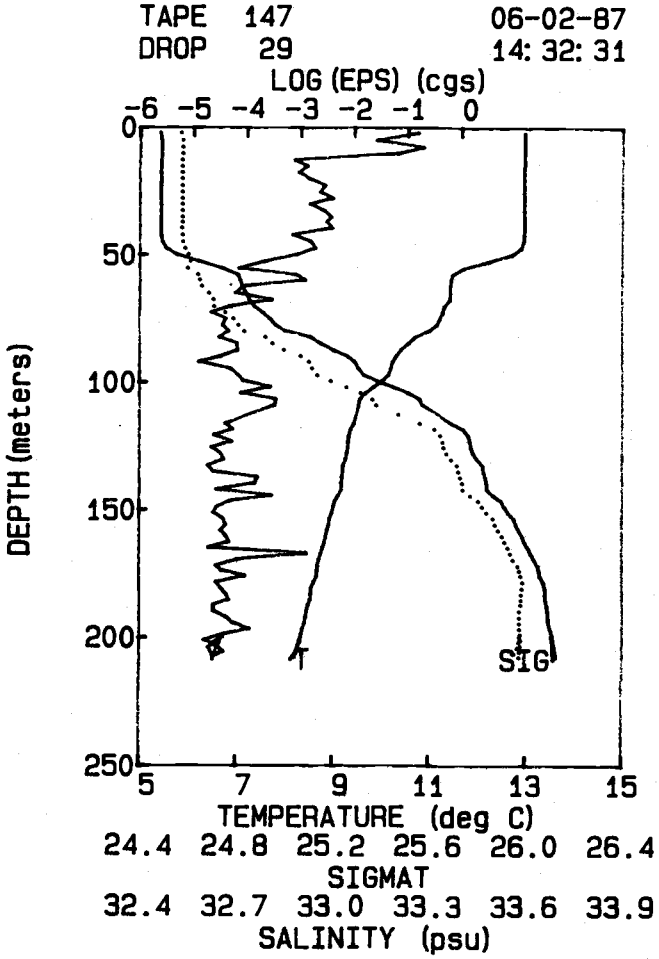
SALINITY (psu)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14: 32: 31
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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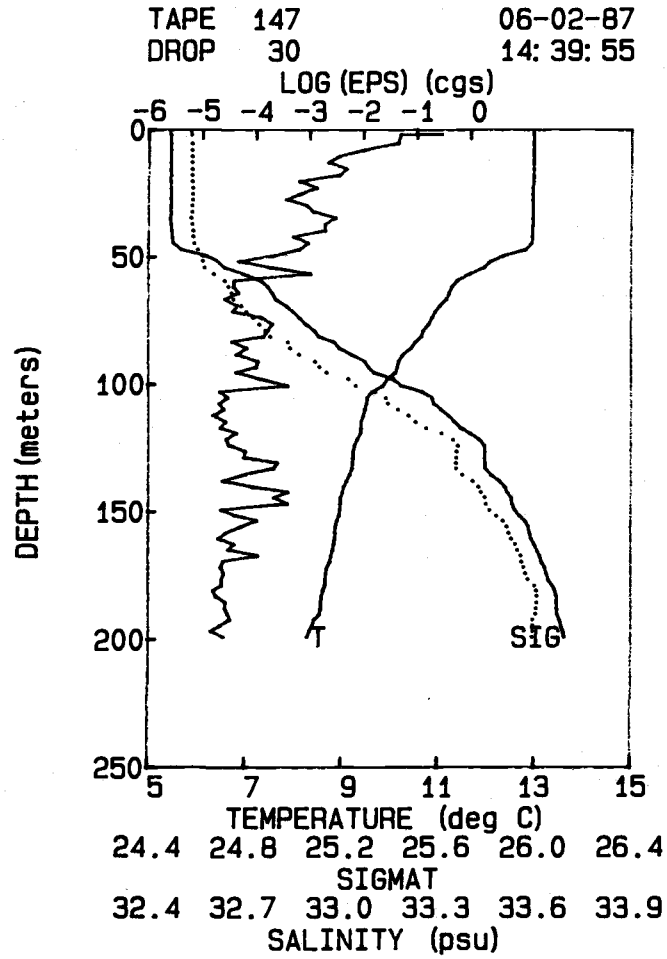
SALINITY (psu)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14: 39: 55
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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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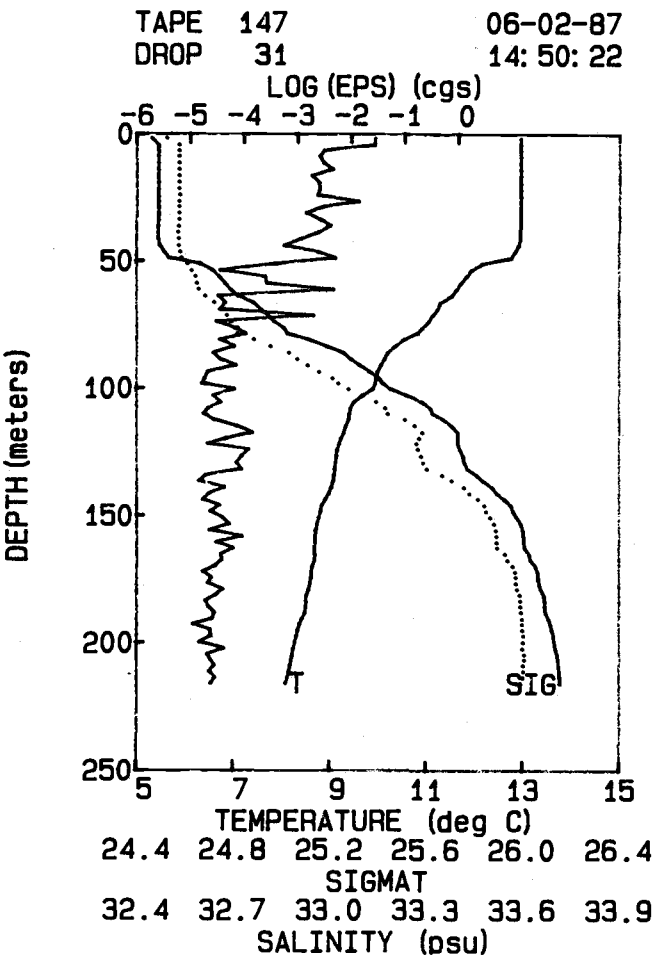
SALINITY (psu)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SIG
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TEMPERATURE (deg C)
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SIGMAT
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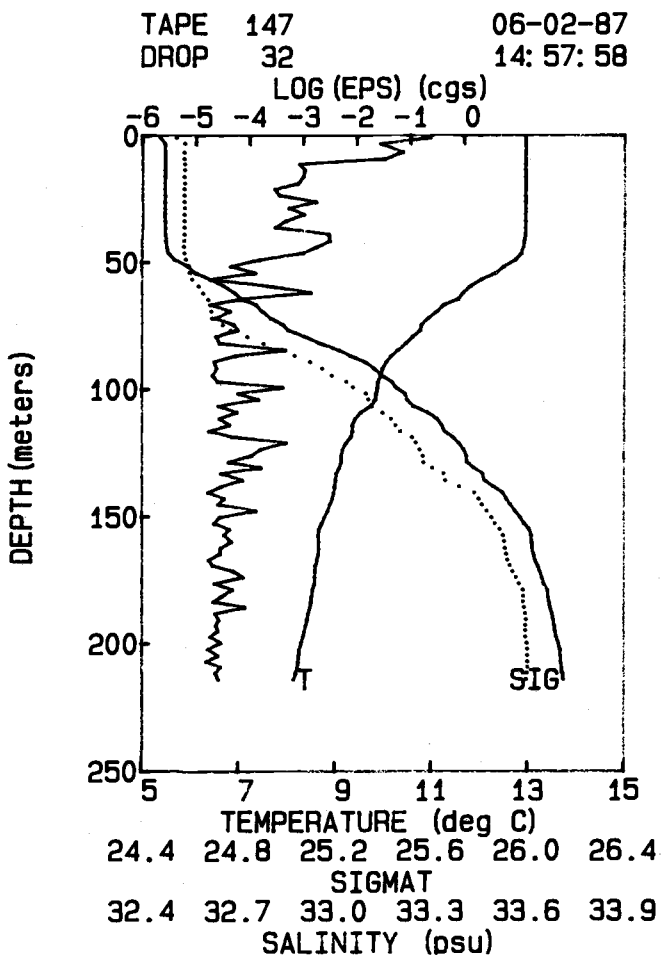
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DEPTH (meters)
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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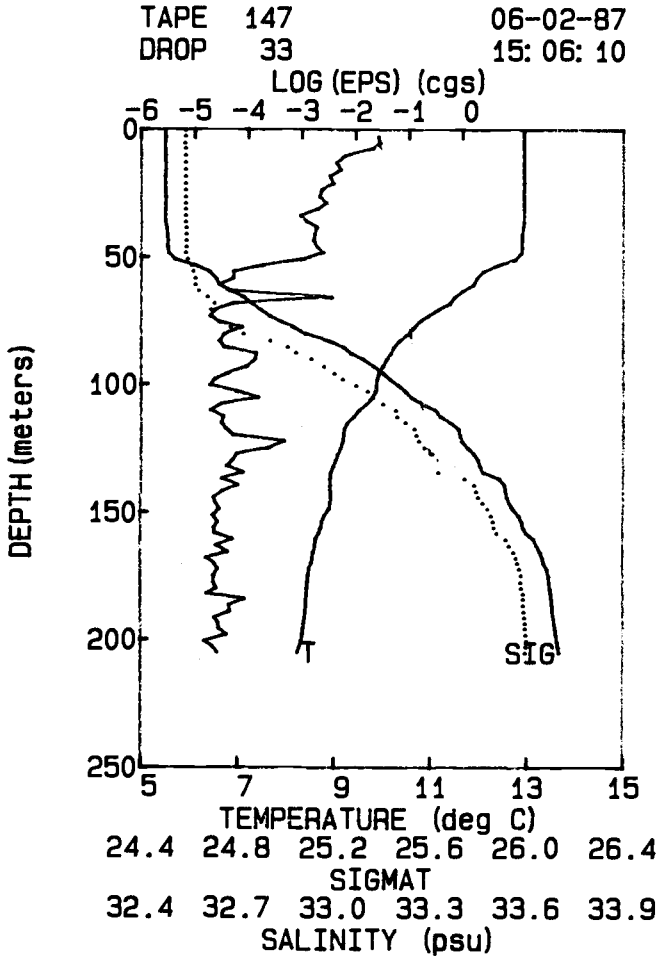
SALINITY (psu)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200
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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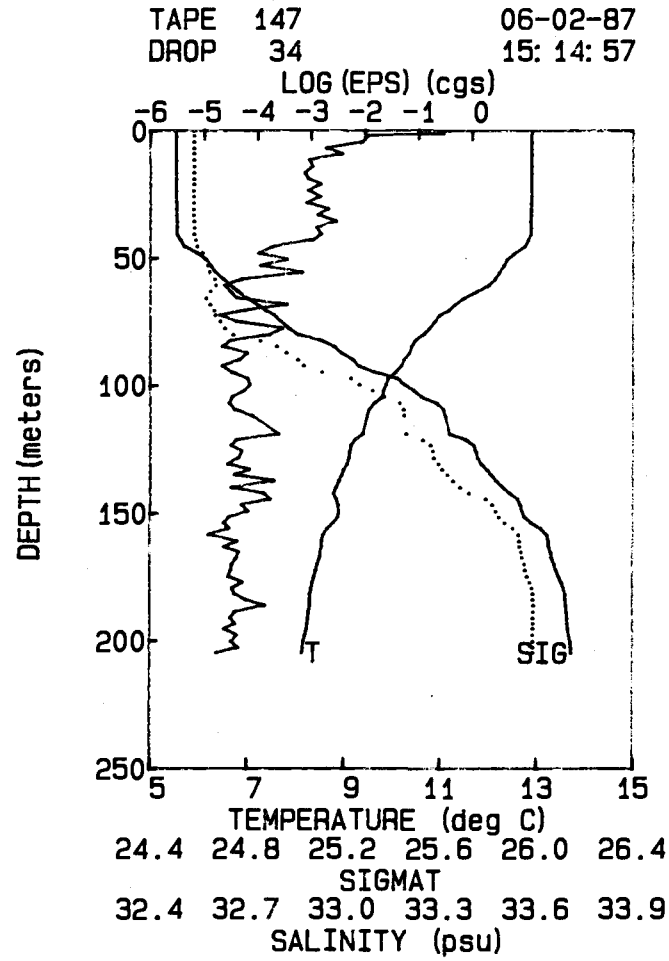
TAPE 147
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15: 14: 57
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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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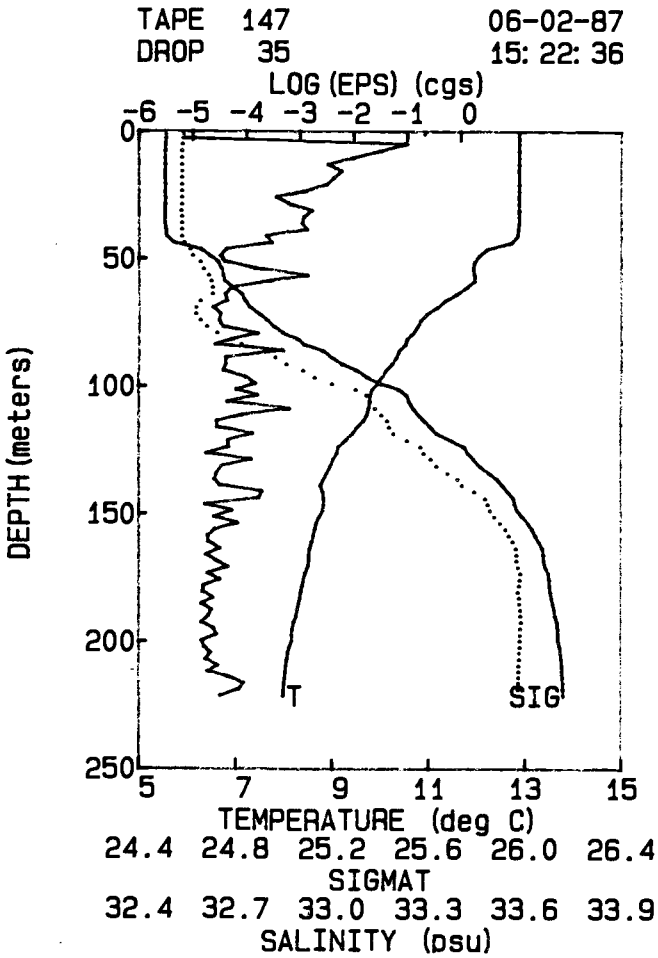
SALINITY (psu)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SIG
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TEMPERATURE (deg C)
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SIGMAT
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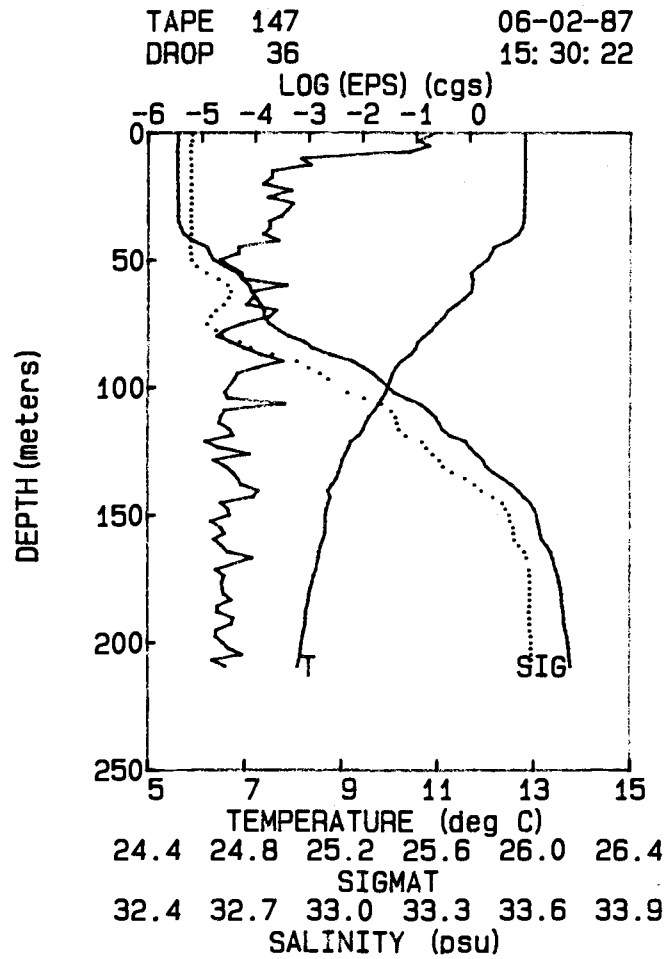
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T
SIG
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TEMPERATURE (deg C)
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SIGMAT
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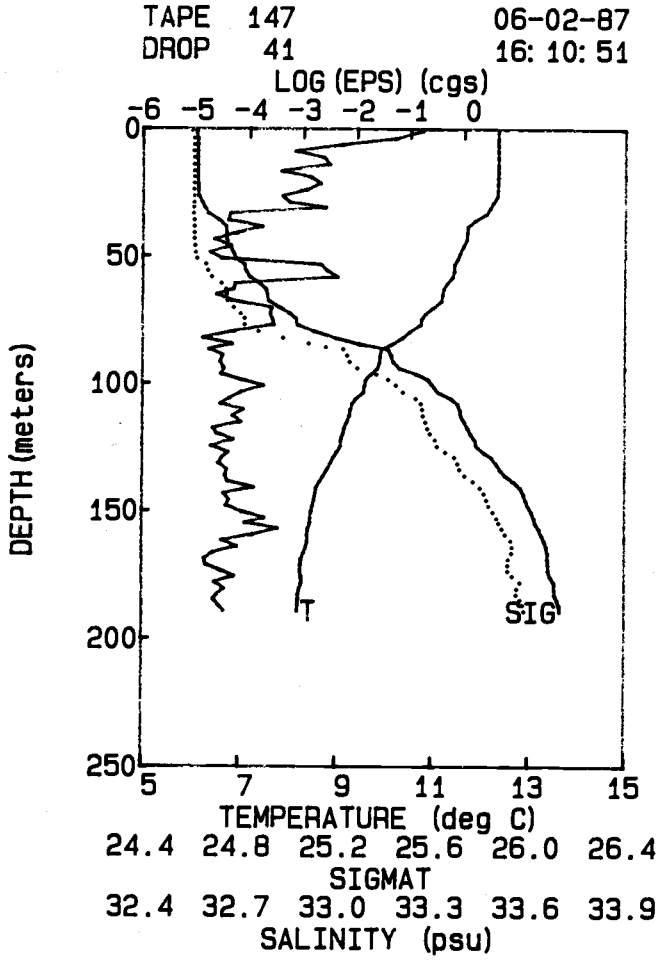
SALINITY (psu)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SIG
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TEMPERATURE (deg C)
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SIGMAT
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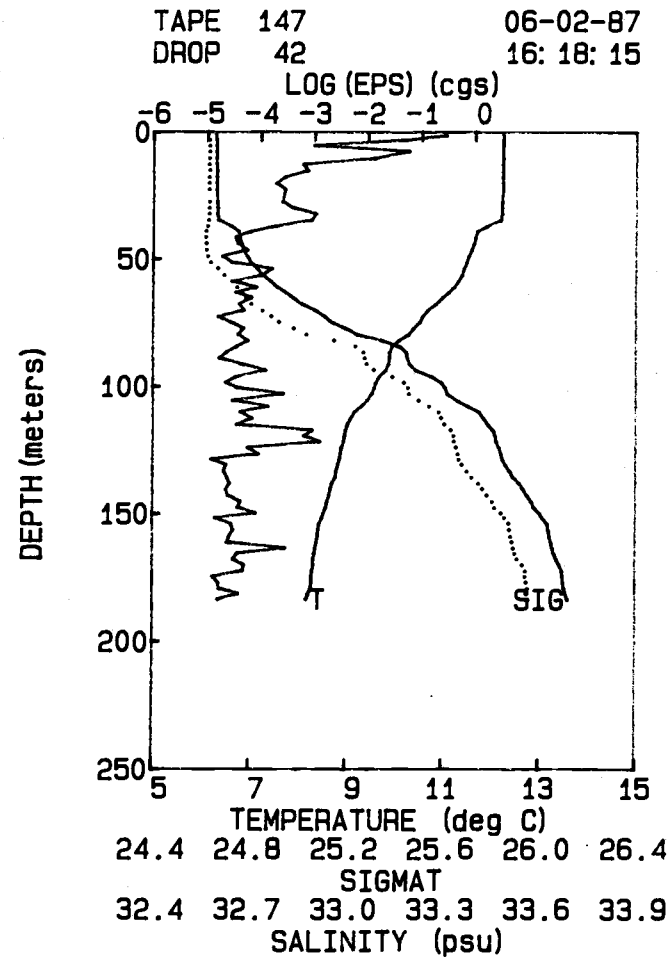
SALINITY (psu)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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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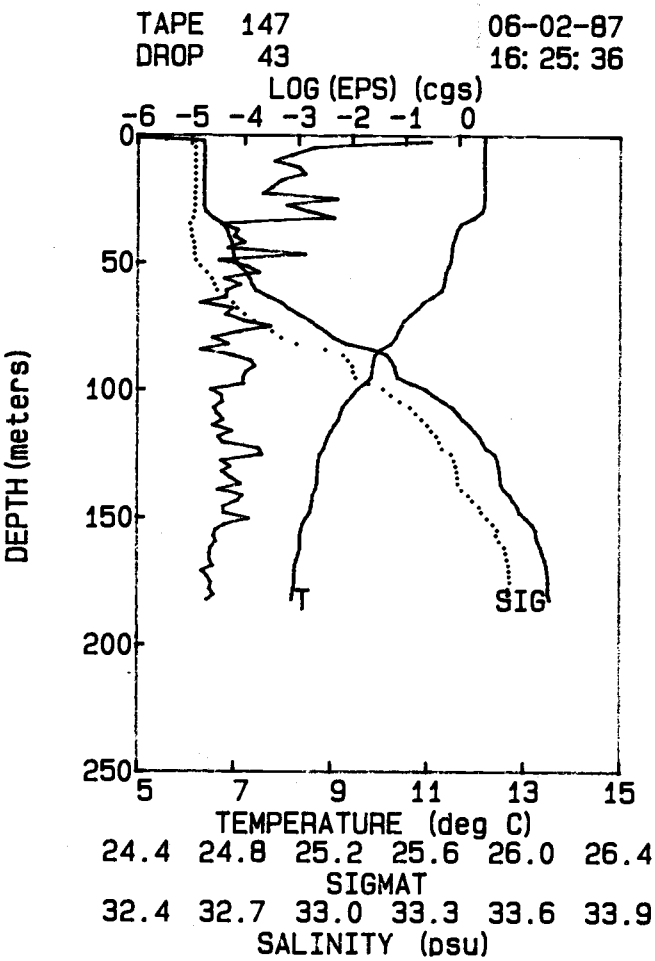
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DEPTH (meters)
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T
SIG
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TEMPERATURE (deg C)
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SIGMAT
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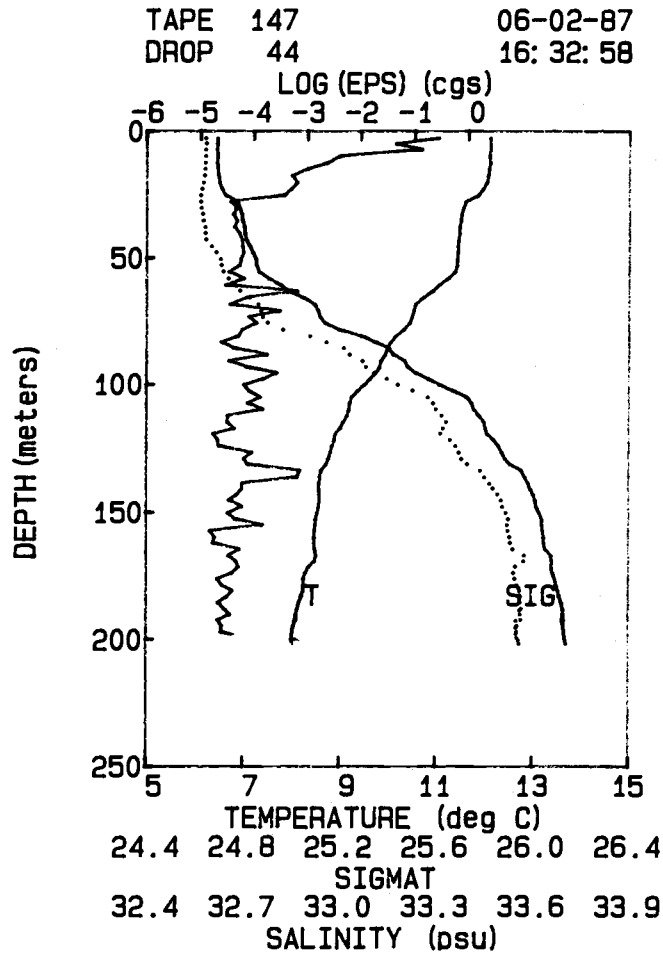
SALINITY (psu)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T
SIG
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TEMPERATURE (deg C)
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SIGMAT
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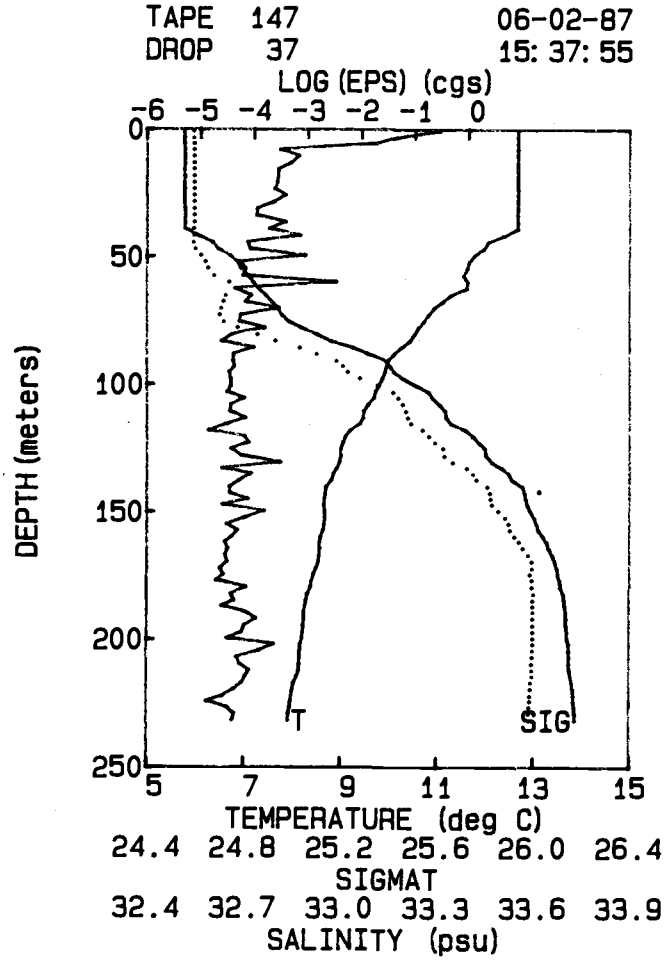
SALINITY (psu)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06-02-87
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DEPTH (meters)
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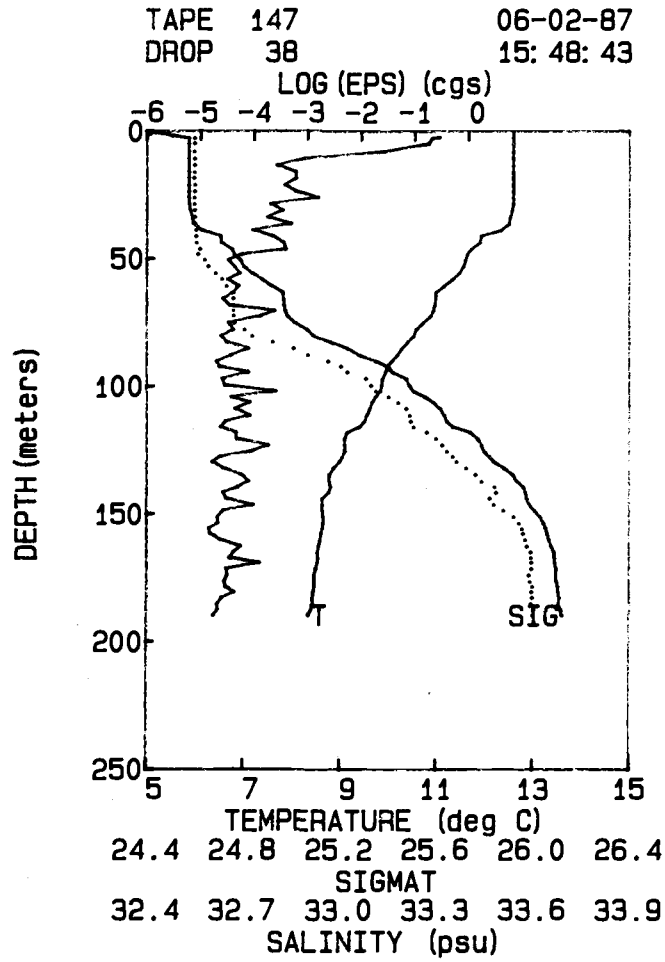
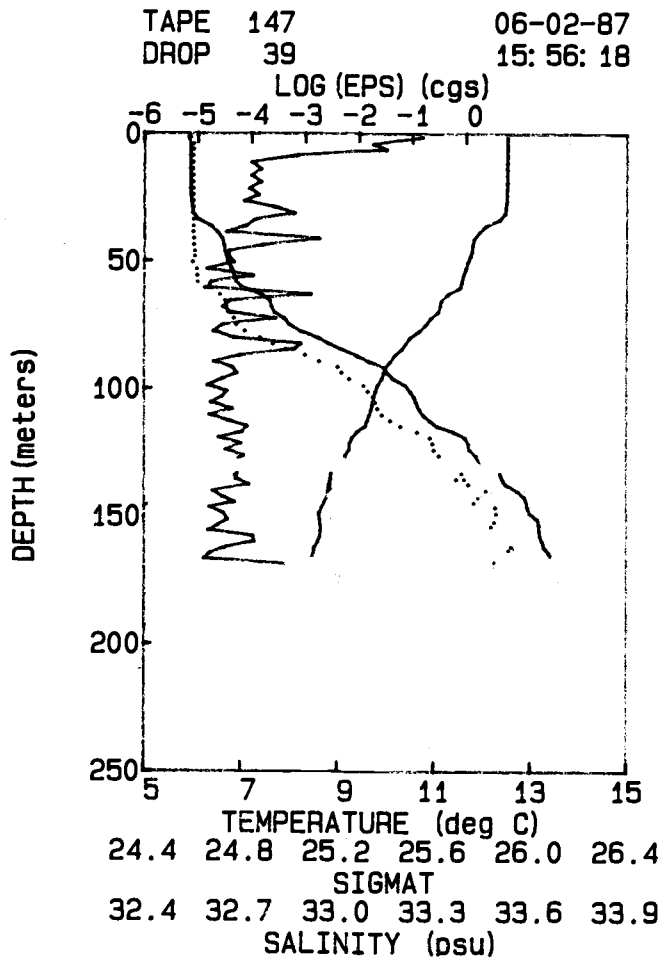
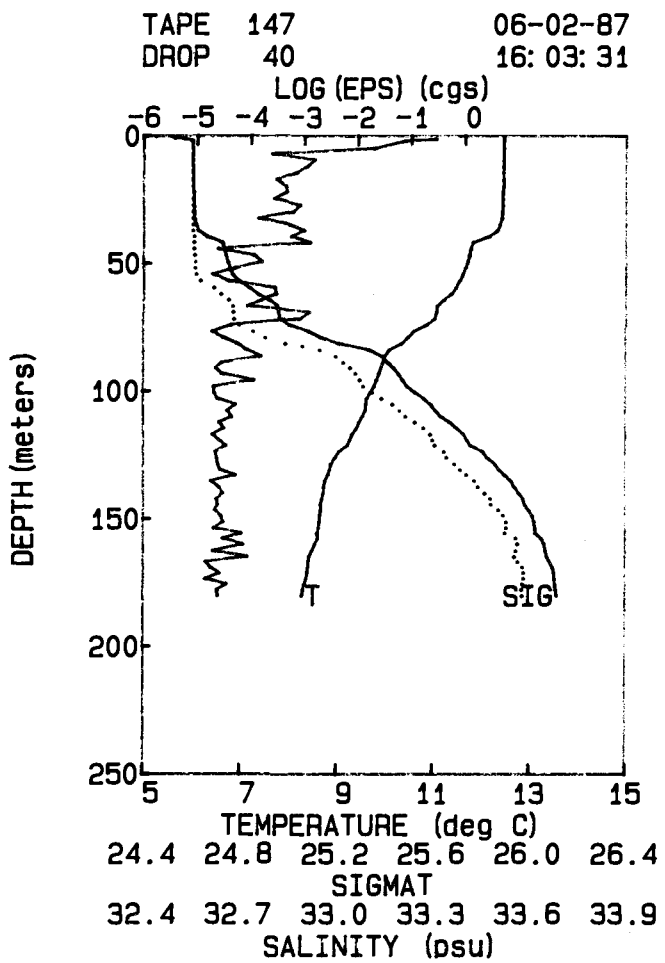
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 147
DROP 38
06-02-87
15: 48: 43
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 147
DROP 39
06-02-87
15: 56: 18
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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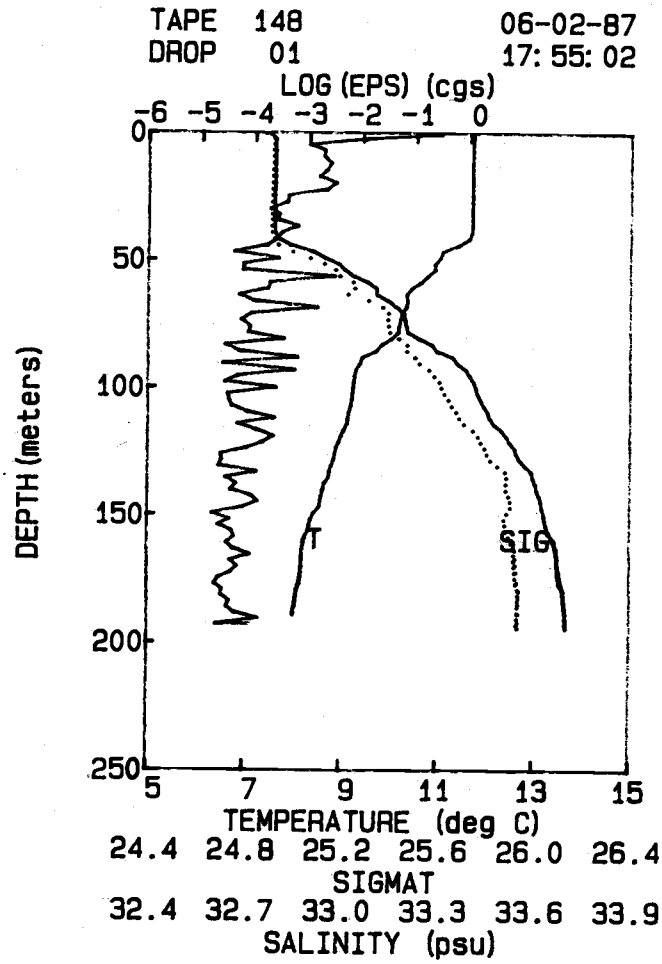
DROP 40
06-02-87
16: 03: 31
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 01
06-02-87
17: 55: 02
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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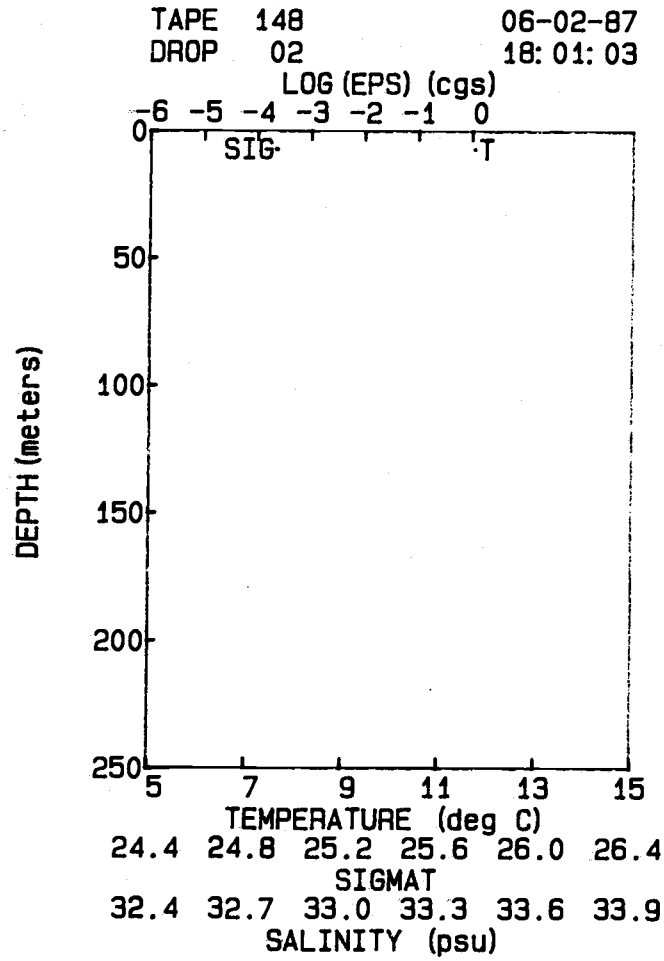
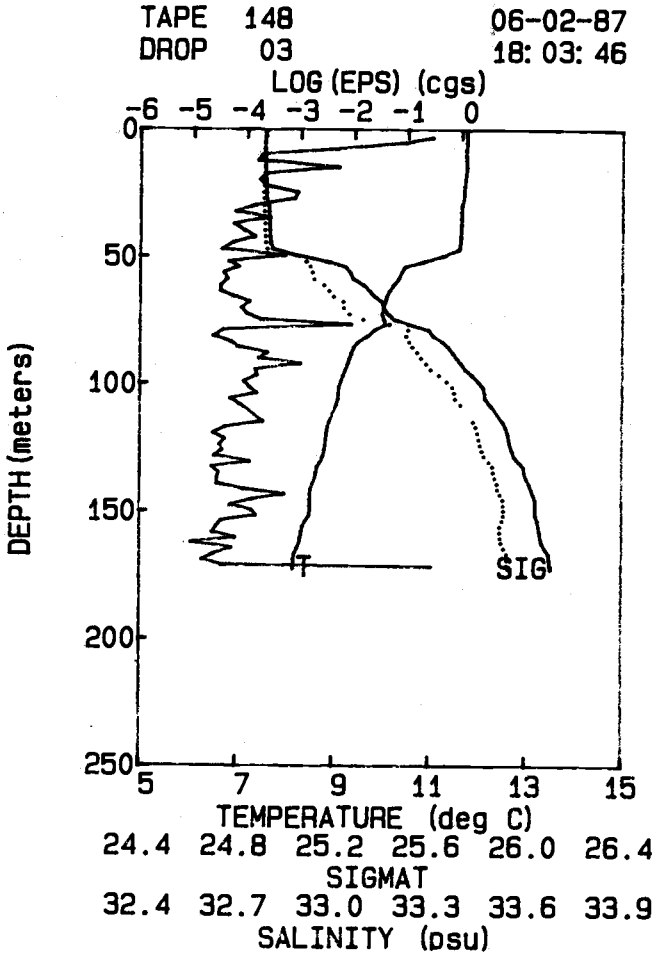
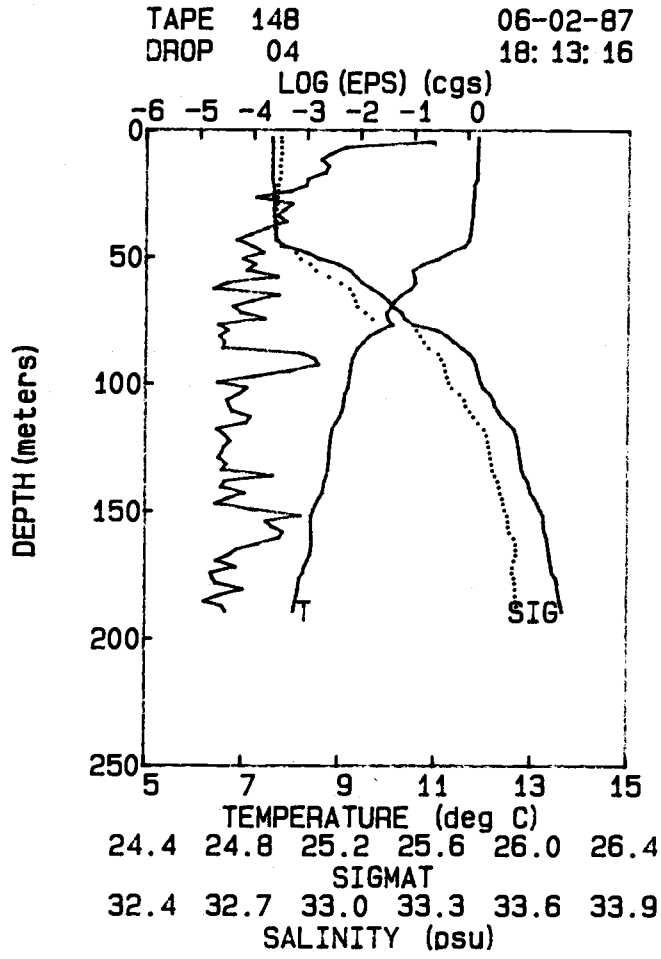
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 02
06-02-87
18: 01: 03
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
SIG
T
DEPTH (meters)
0
50
100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 03
06-02-87
18: 03: 46
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 04
06-02-87
18: 13: 16
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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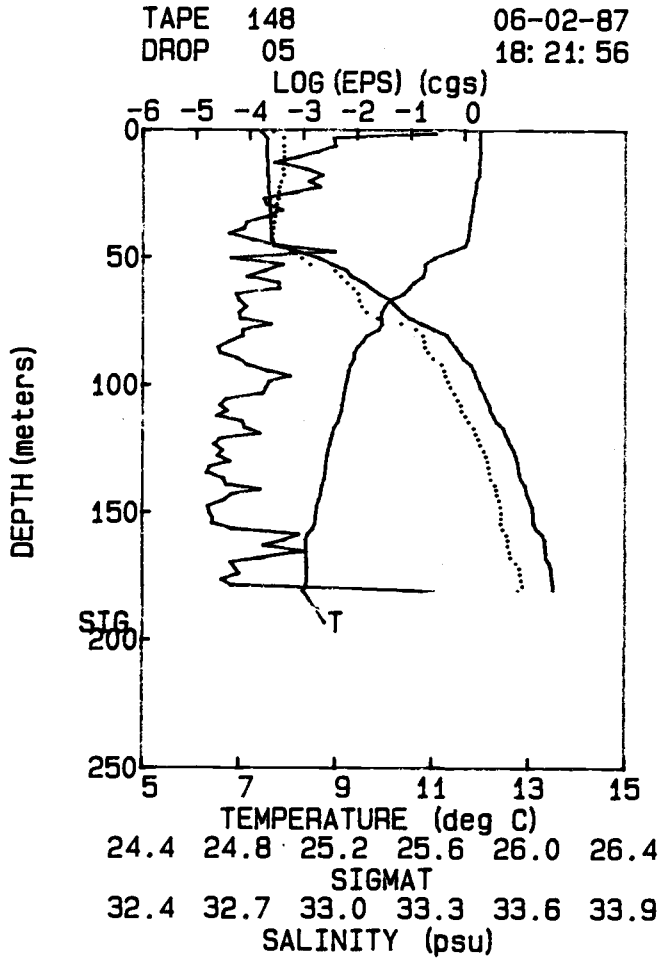
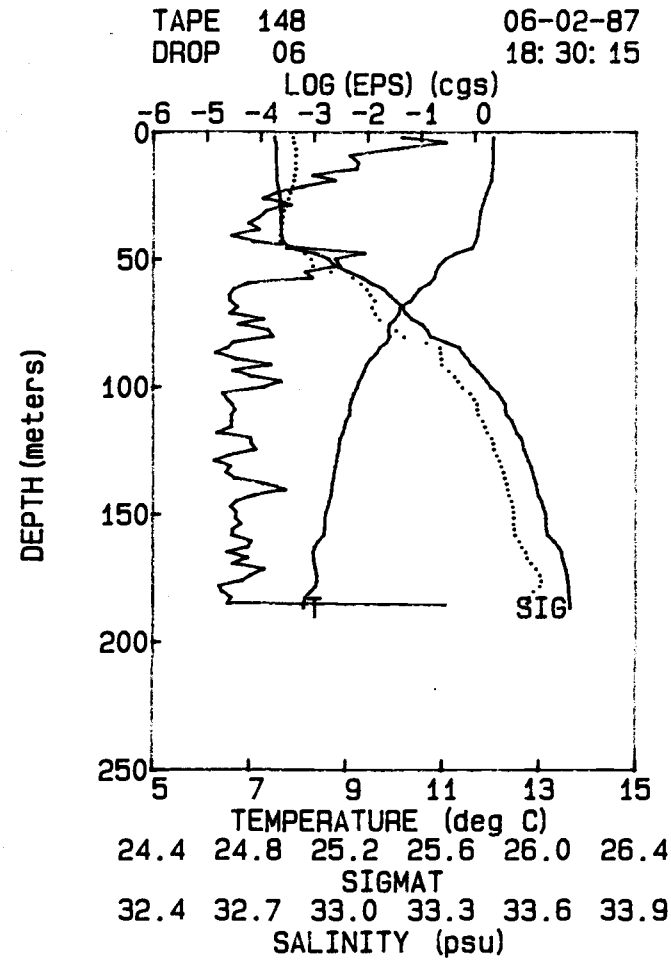
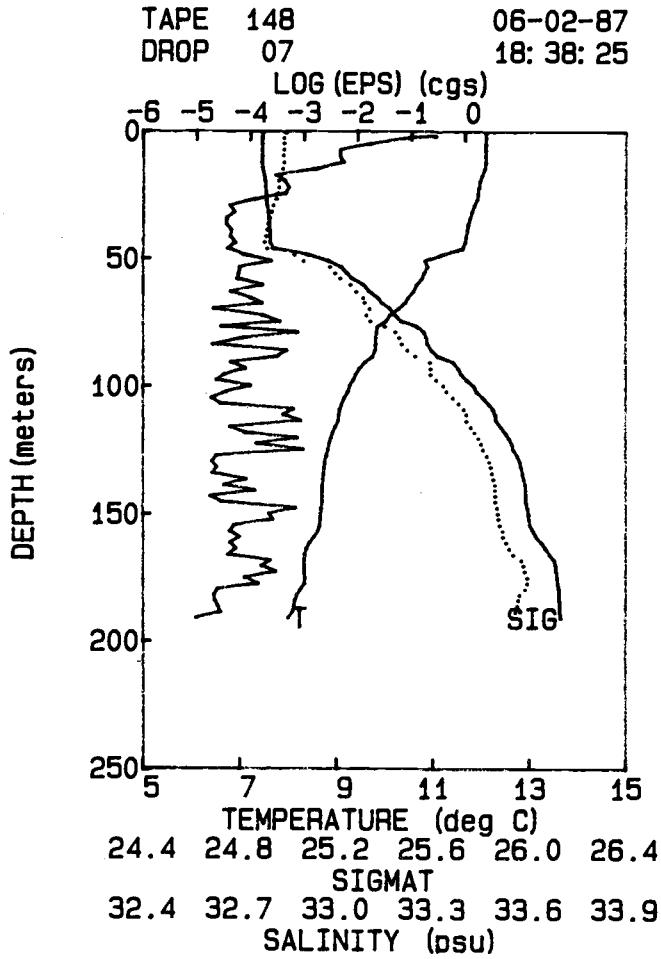
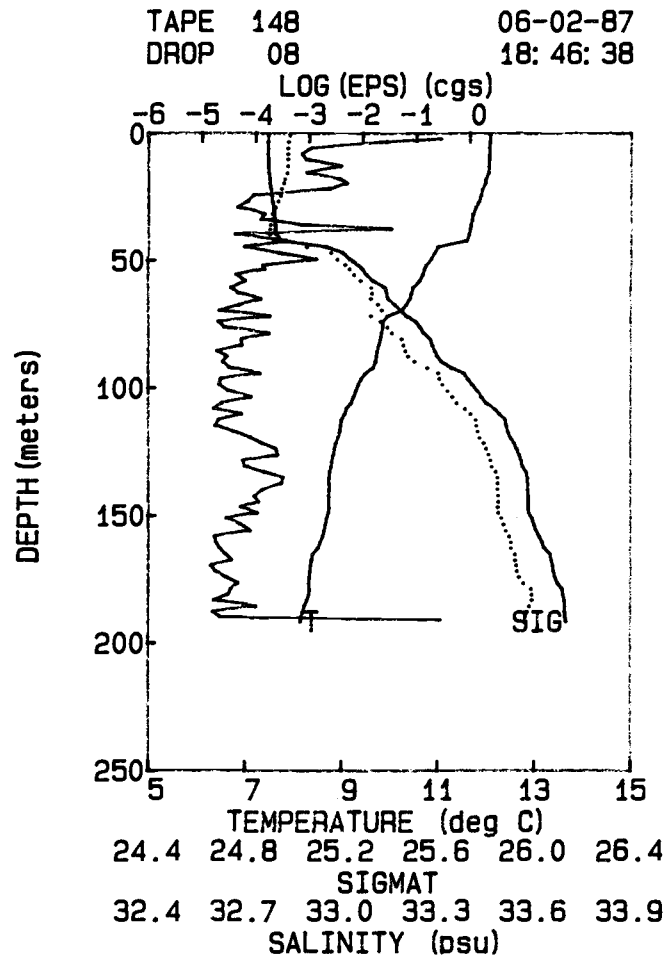
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 05
06-02-87
18: 21: 56
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
SIG
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 06
06-02-87
18: 30: 15
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 07
06-02-87
18: 38: 25
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 08
06-02-87
18: 46: 38
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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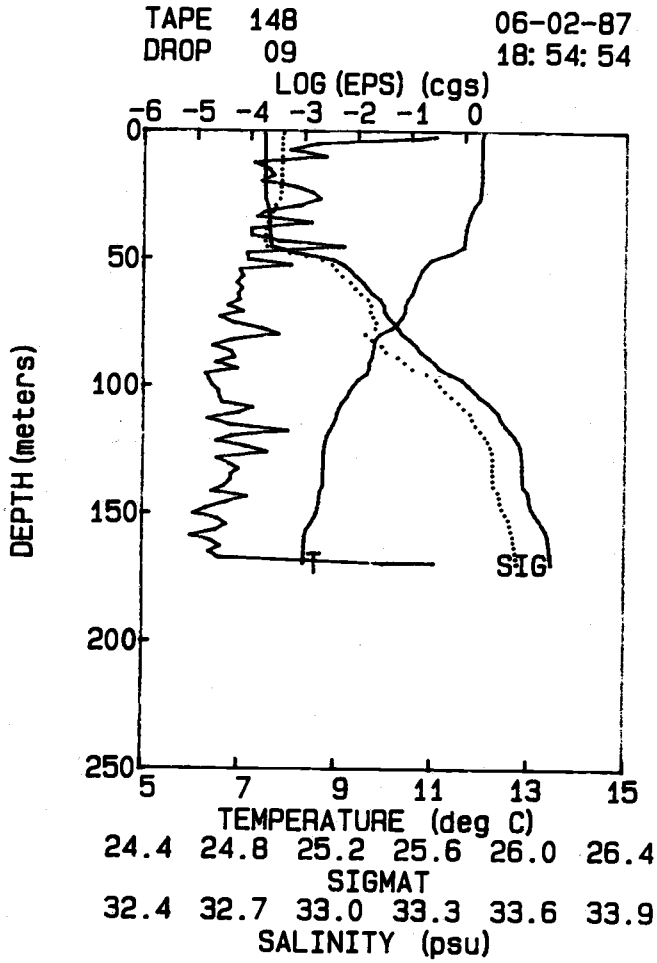
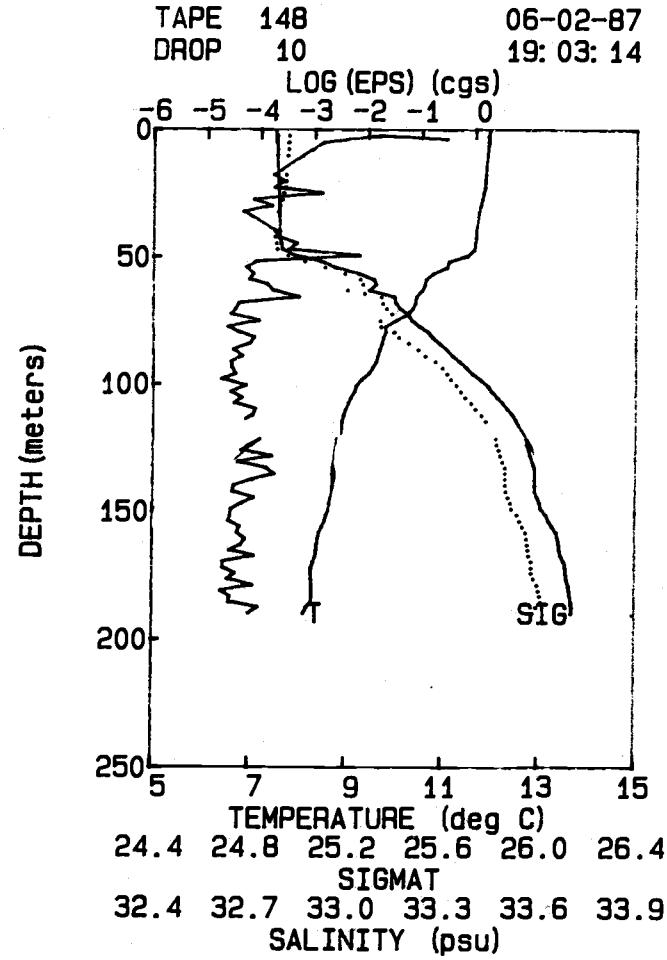
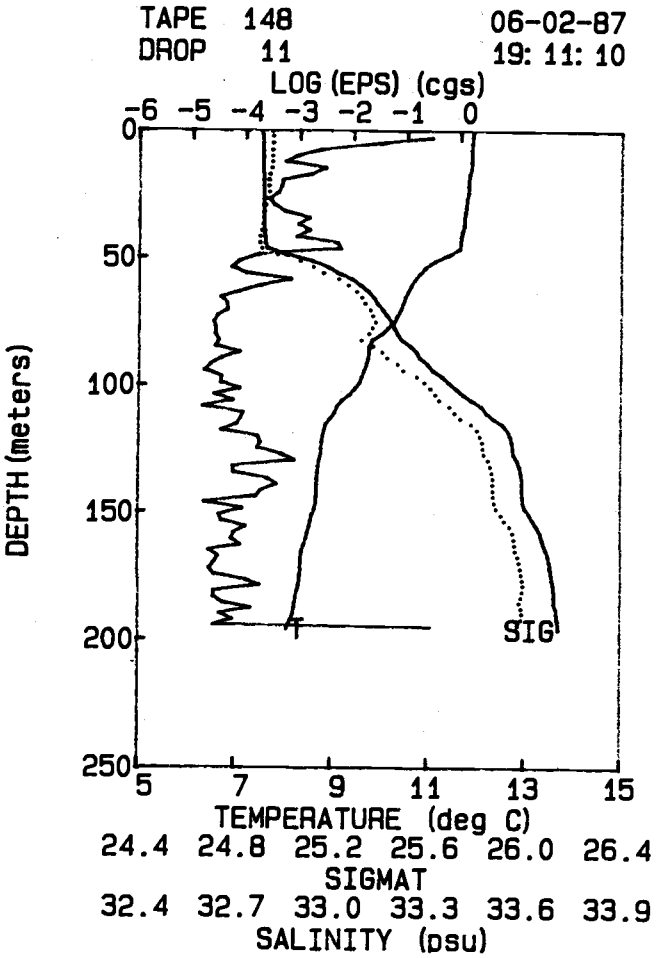
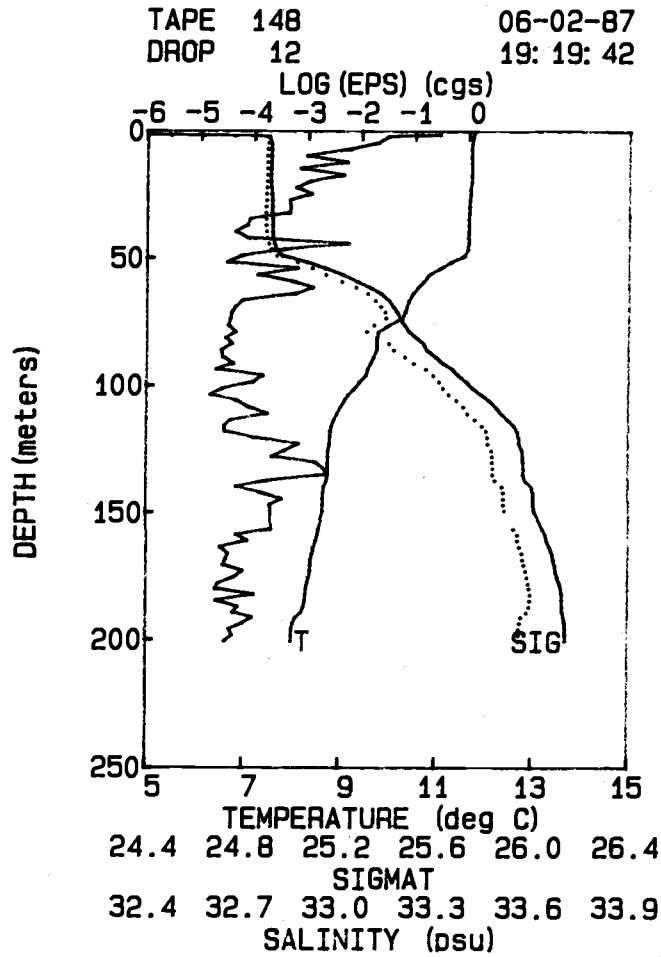
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 09
06-02-87
18: 54: 54
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 10
06-02-87
19: 03: 14
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 11
06-02-87
19: 11: 10
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 12
06-02-87
19: 19: 42
LOG (EPS) (cgs)
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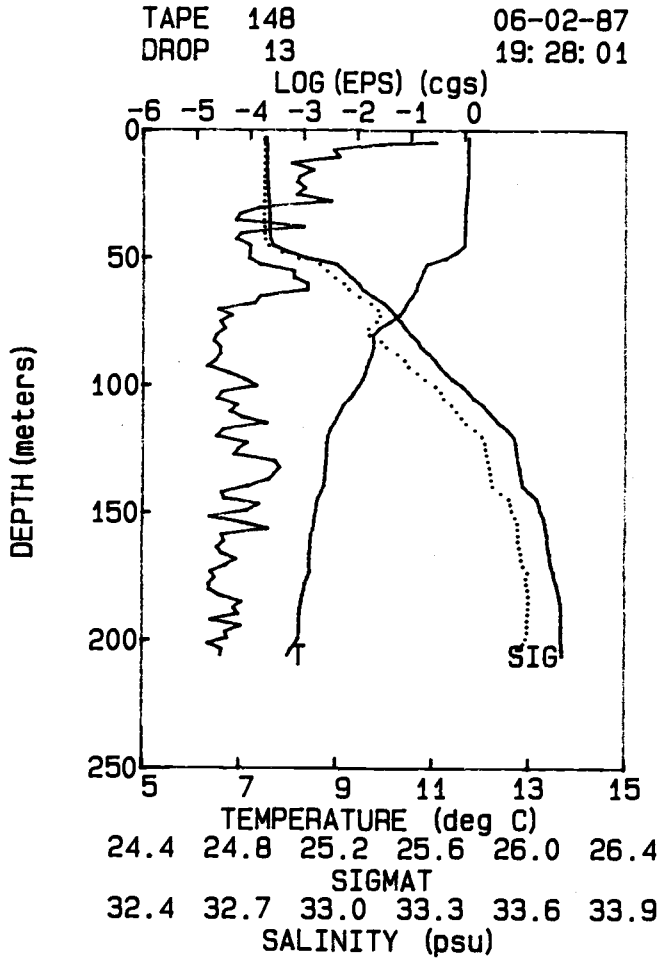
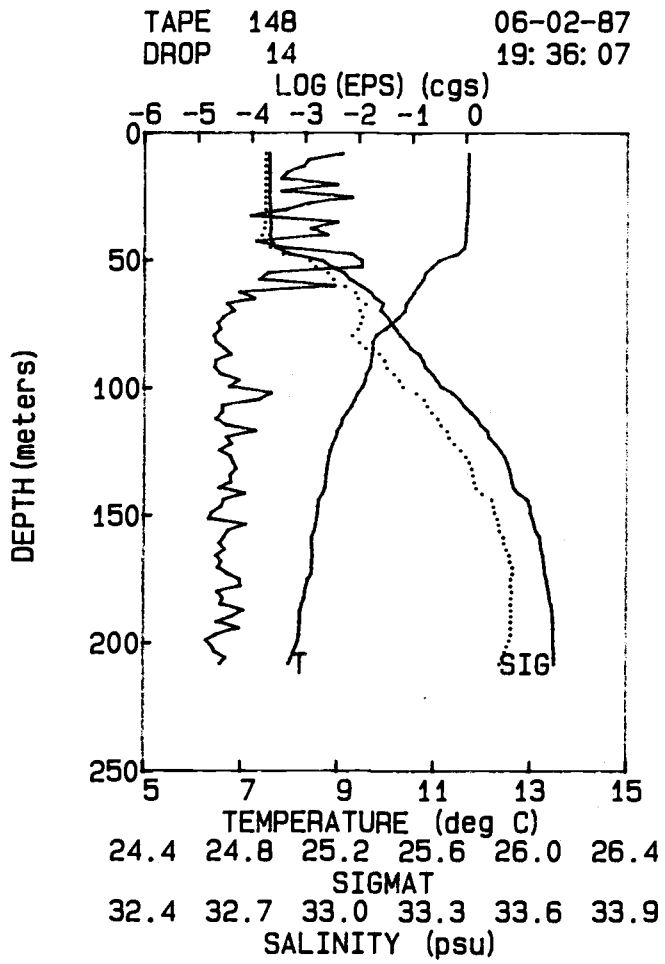
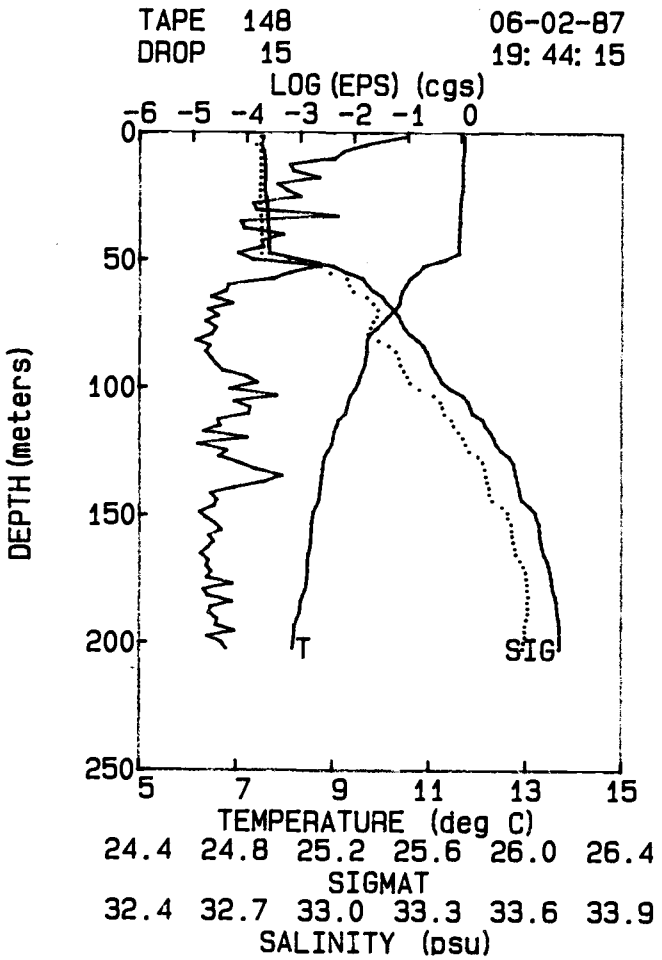
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 13
06-02-87
19: 28: 01
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 14
06-02-87
19: 36: 07
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 15
06-02-87
19: 44: 15
LOG (EPS) (cgs)
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DEPTH (meters)
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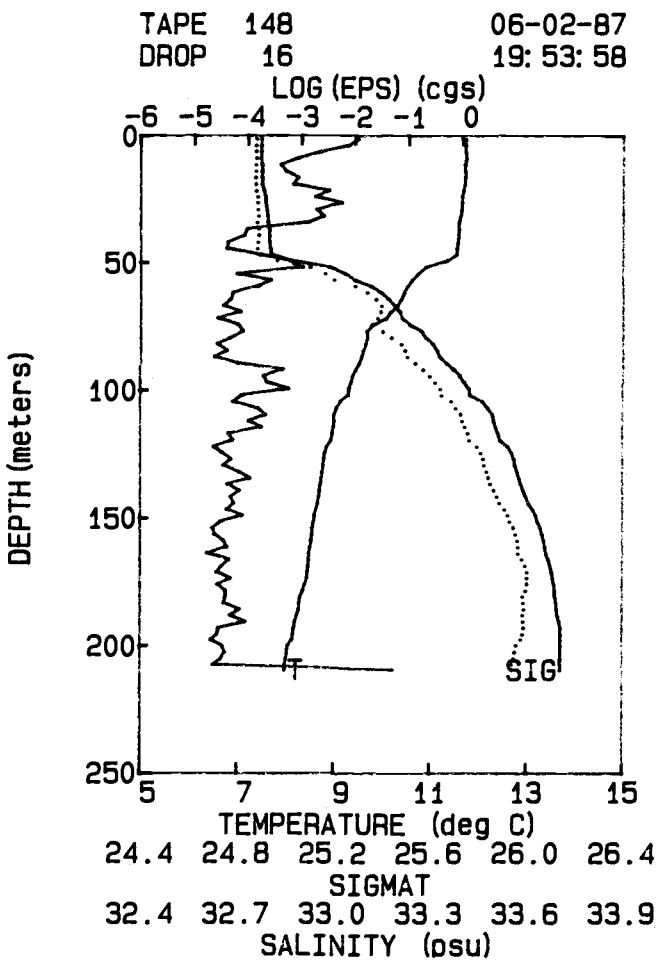
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 16
06-02-87
19: 53: 58
LOG (EPS) (cgs)
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DEPTH (meters)
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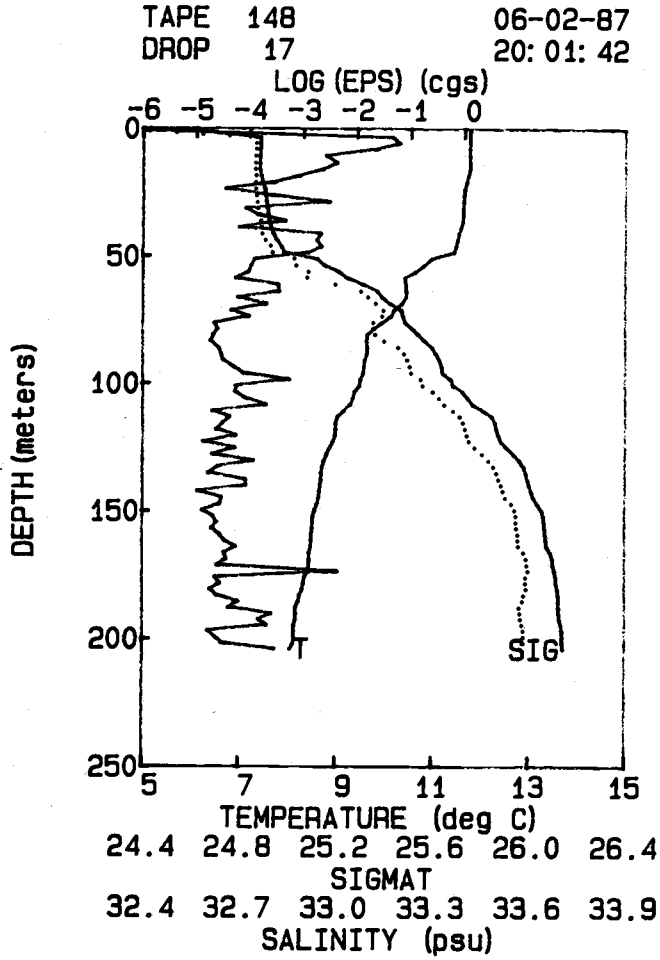
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 17
06-02-87
20: 01: 42
LOG (EPS) (cgs)
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DEPTH (meters)
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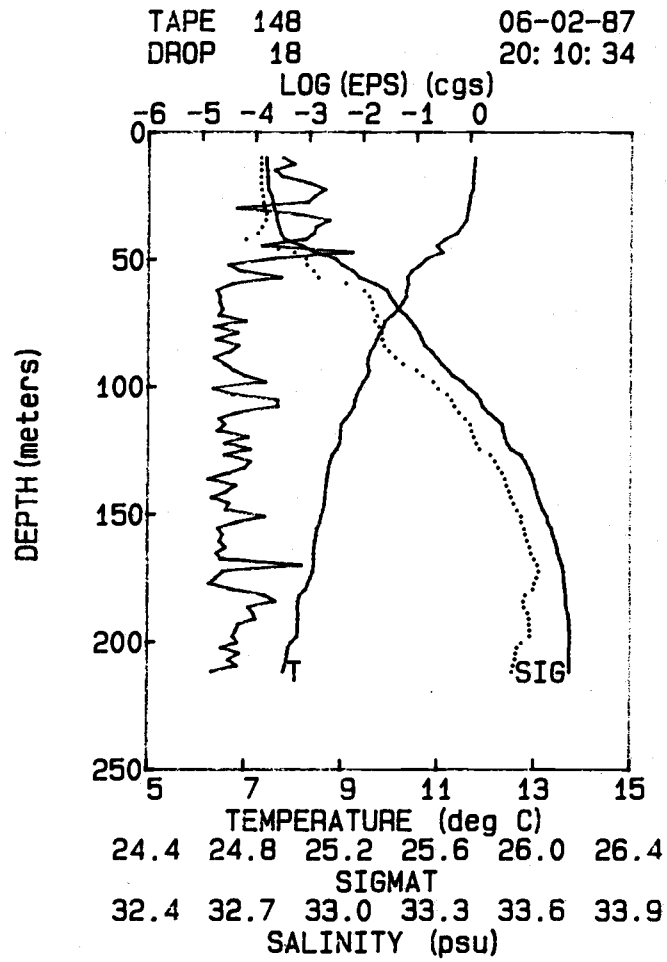
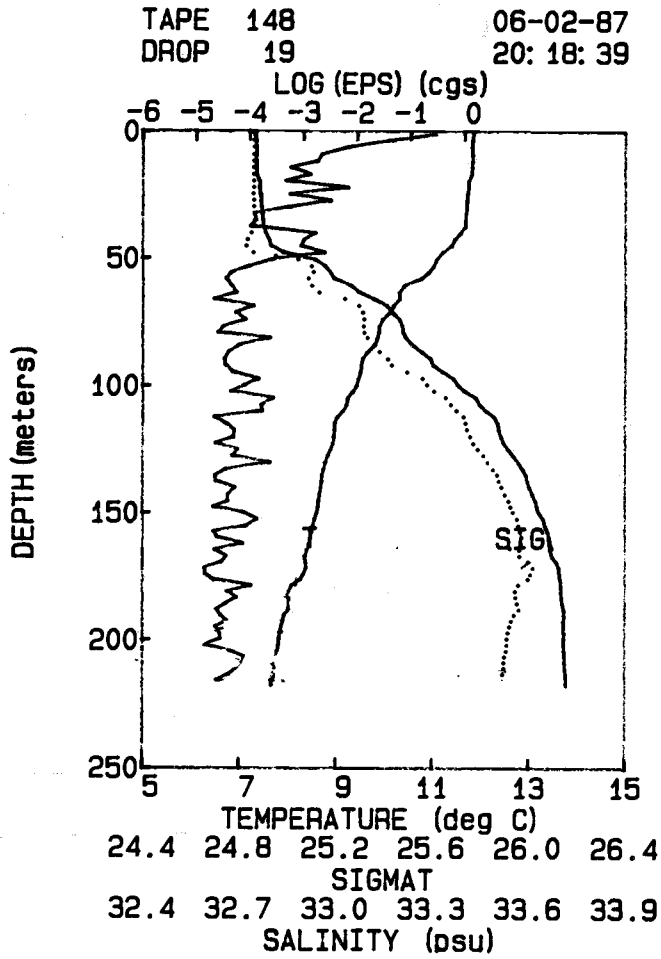
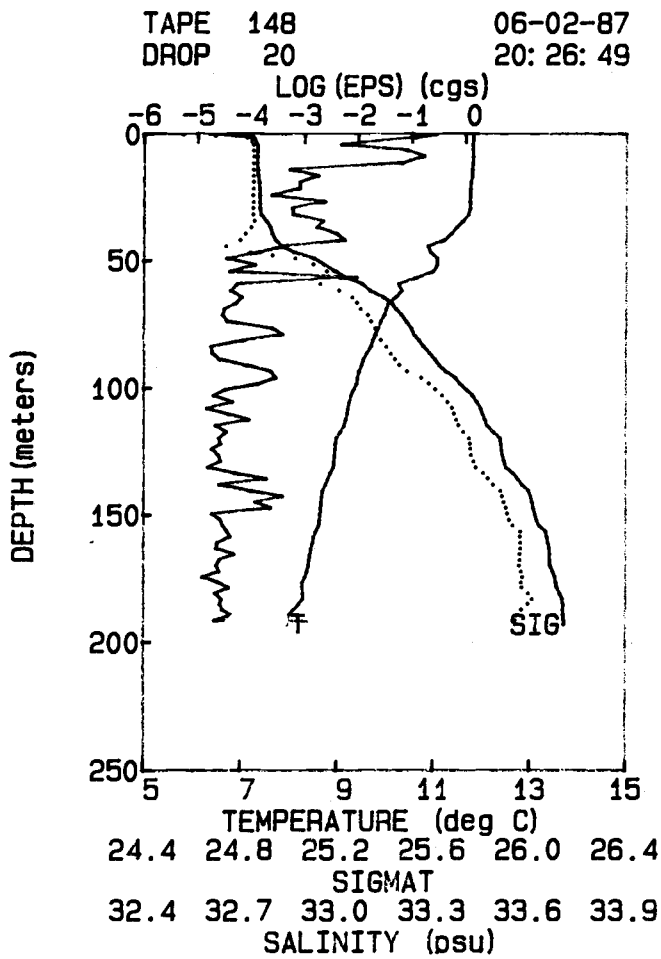
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 18
06-02-87
20: 10: 34
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 19
06-02-87
20: 18: 39
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 20
06-02-87
20: 26: 49
LOG (EPS) (cgs)
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DEPTH (meters)
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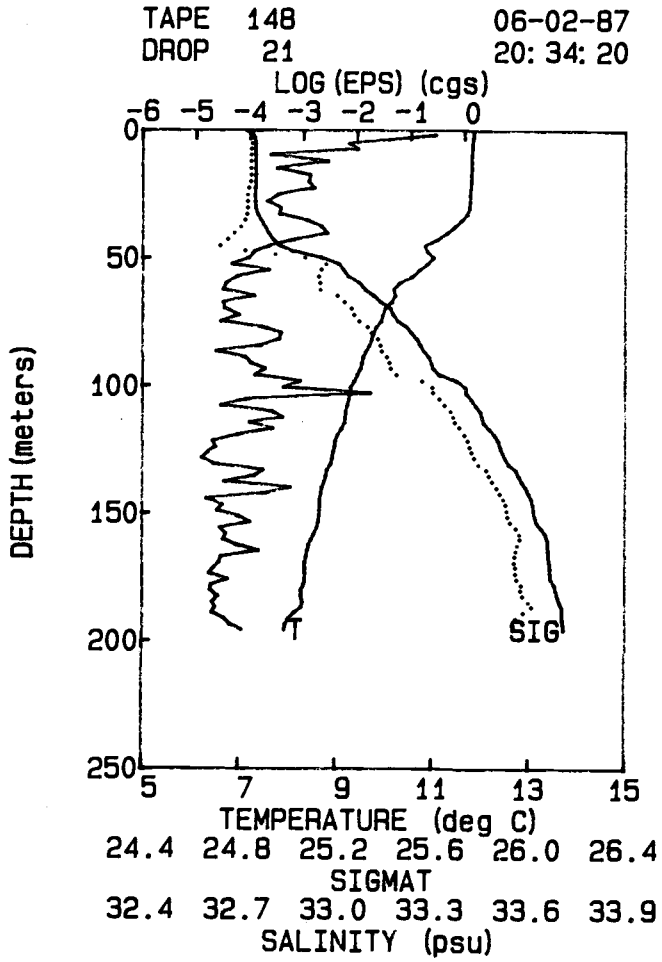
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 21
06-02-87
20: 34: 20
LOG (EPS) (cgs)
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DEPTH (meters)
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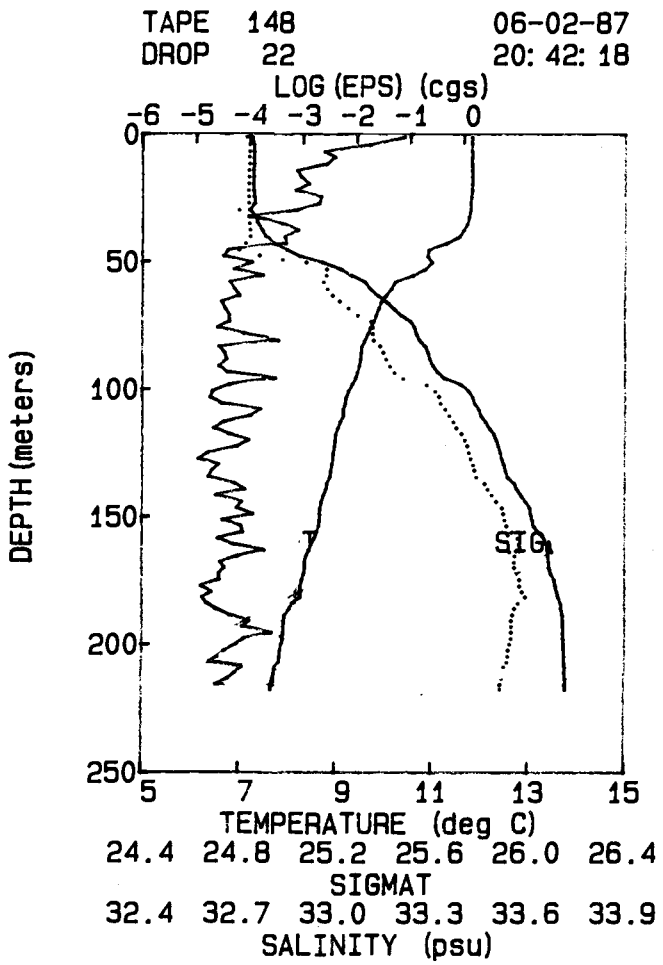
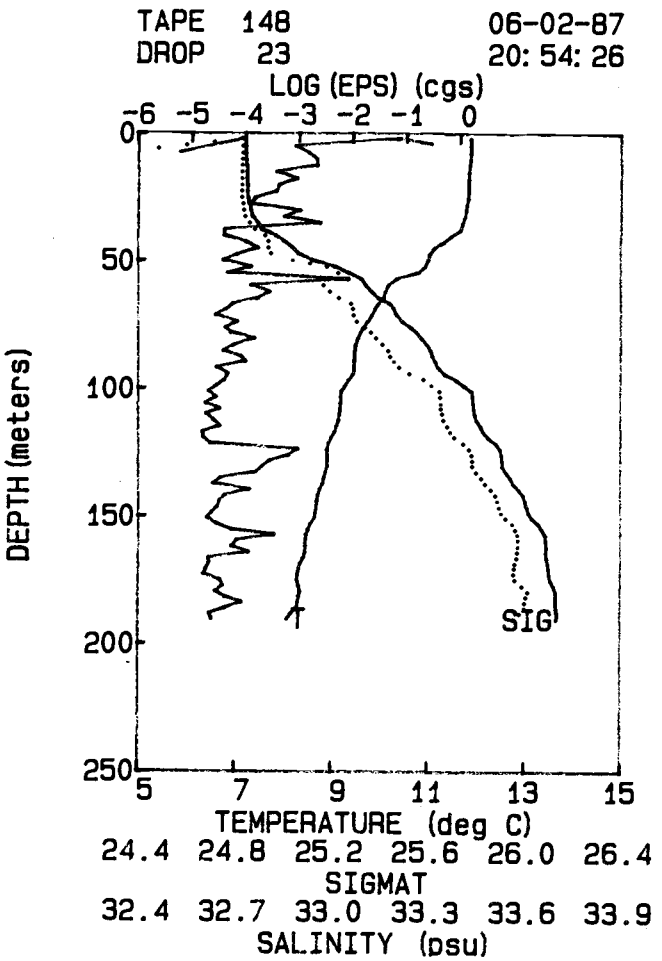
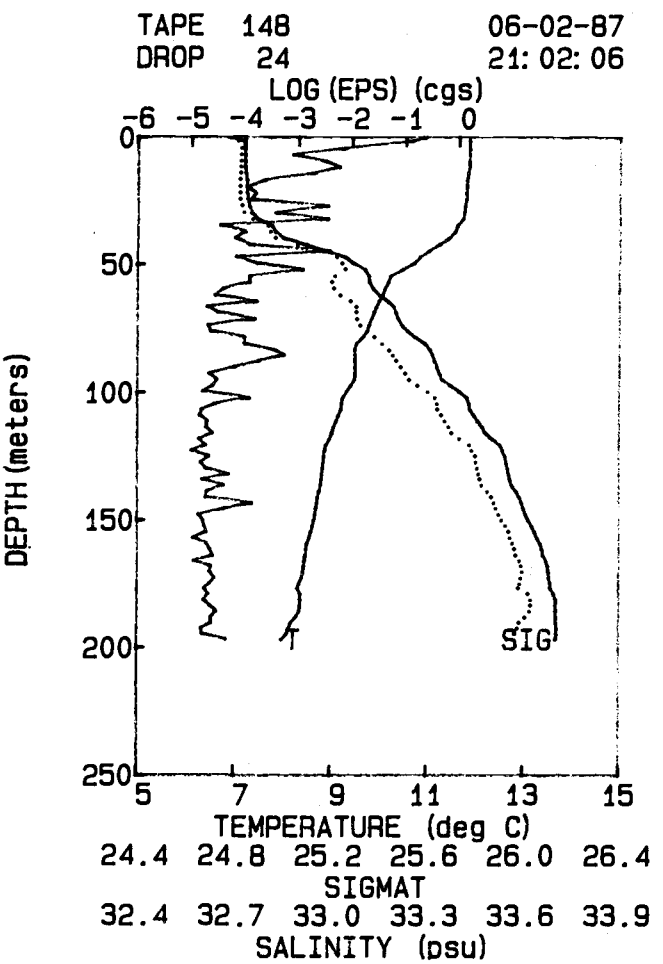
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 22
06-02-87
20: 42: 18
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 23
06-02-87
20: 54: 26
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 24
06-02-87
21: 02: 06
LOG (EPS) (cgs)
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DEPTH (meters)
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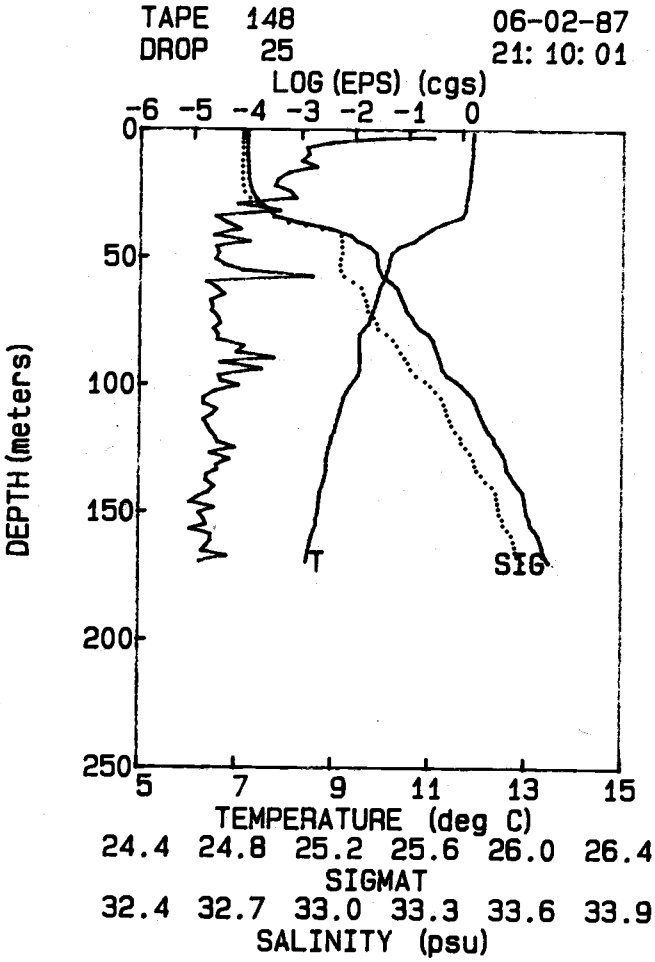
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 25
06-02-87
21: 10: 01
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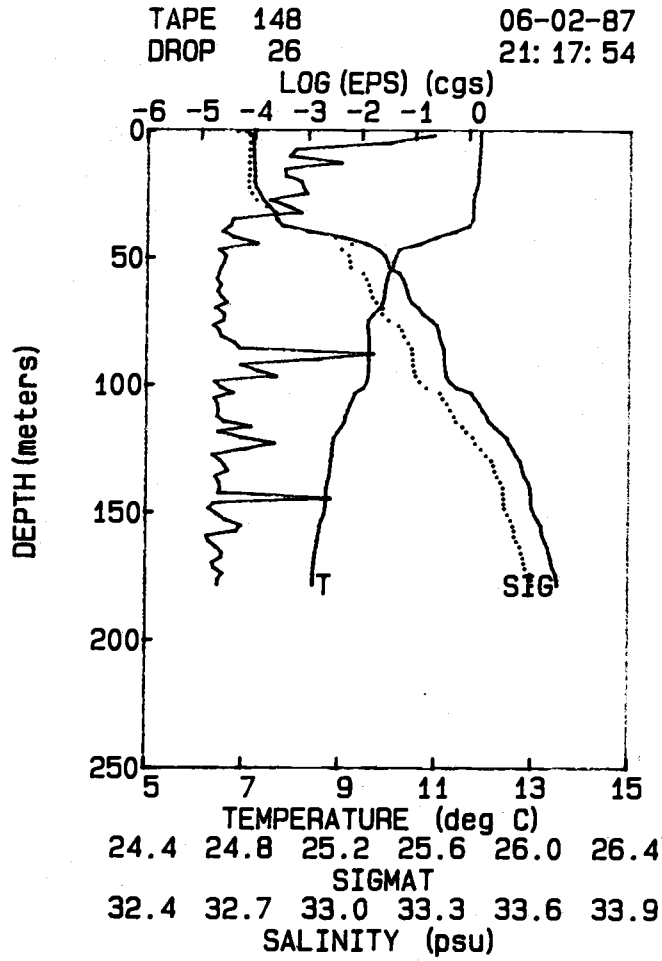
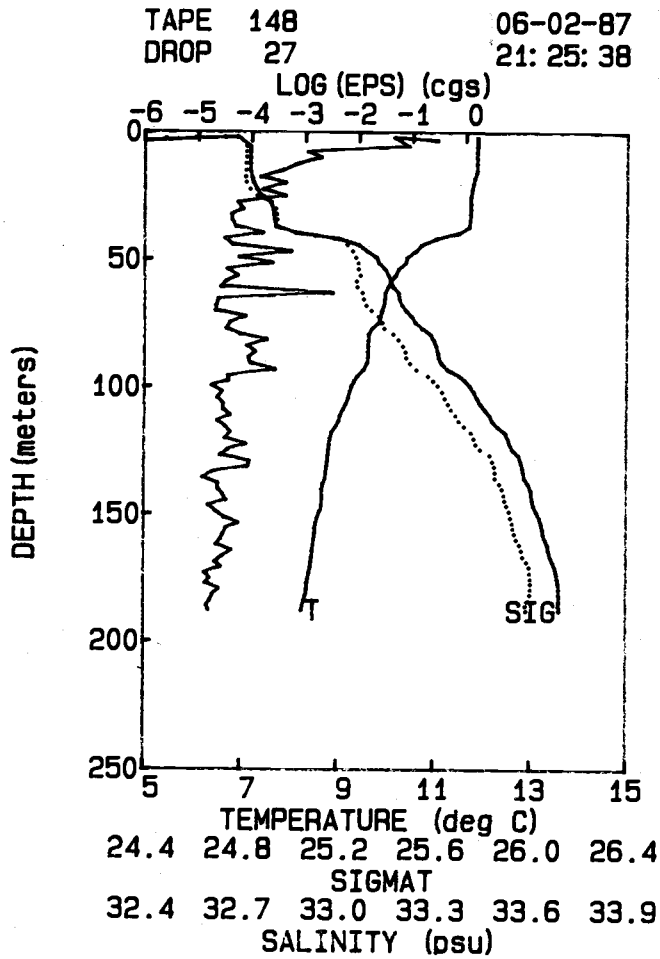
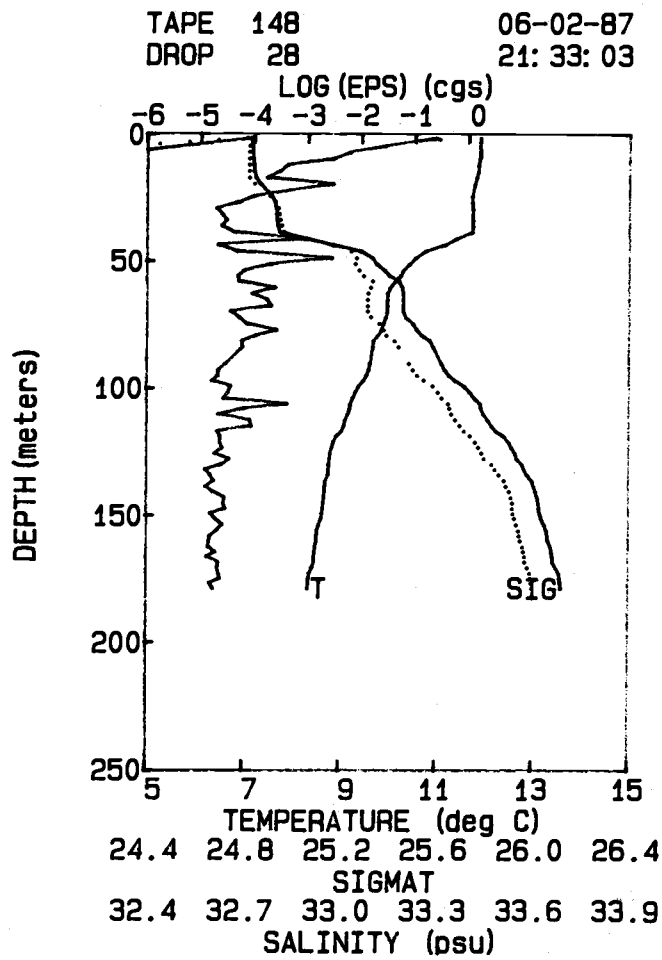
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 26
06-02-87
21: 17: 54
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 27
06-02-87
21: 25: 38
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 28
06-02-87
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LOG (EPS) (cgs)
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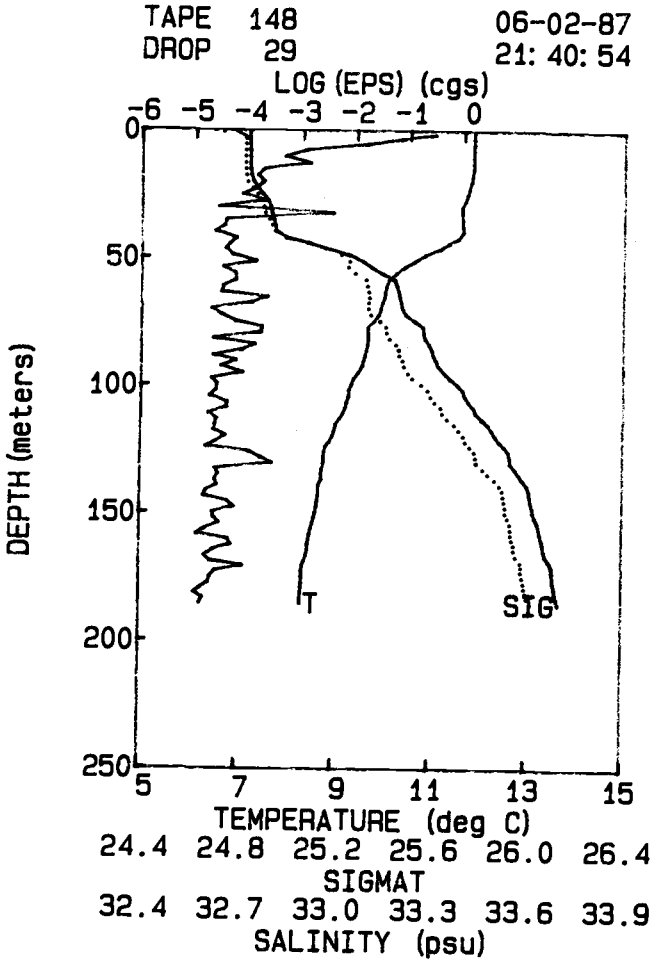
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 29
06-02-87
21: 40: 54
LOG (EPS) (cgs)
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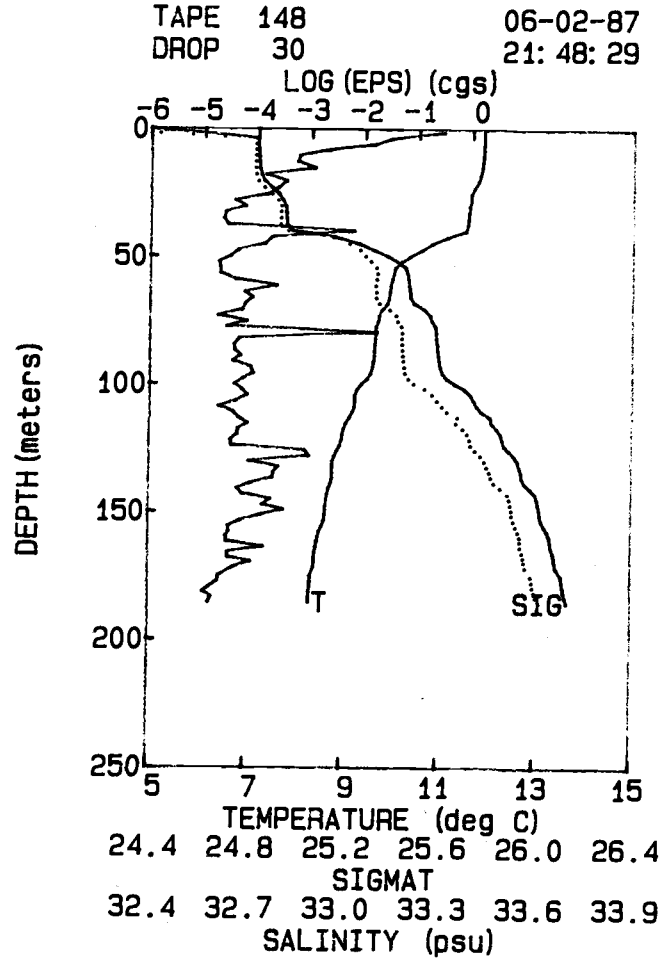
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 30
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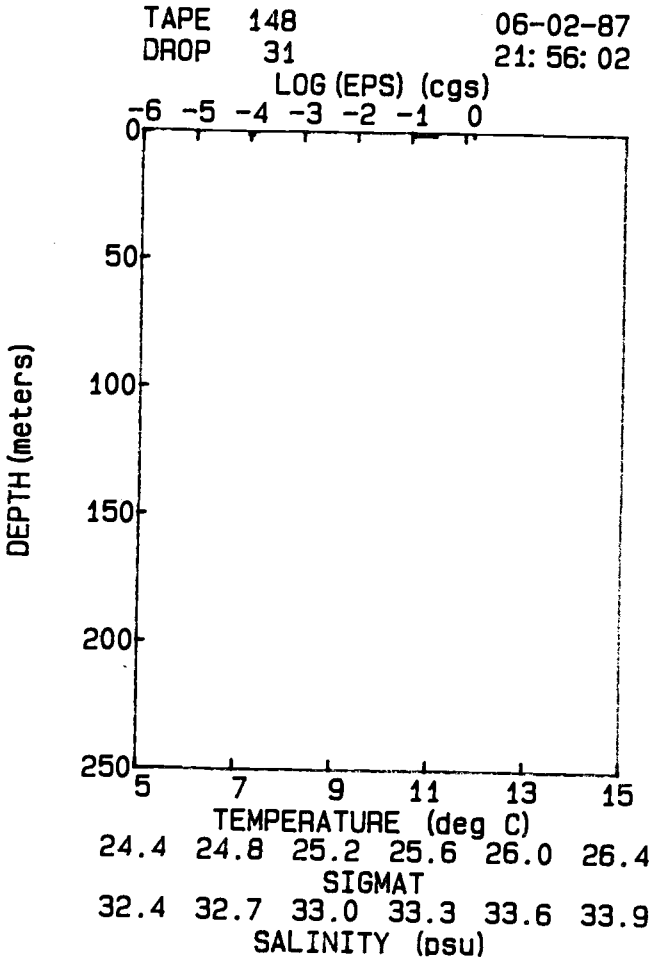
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 31
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DEPTH (meters)
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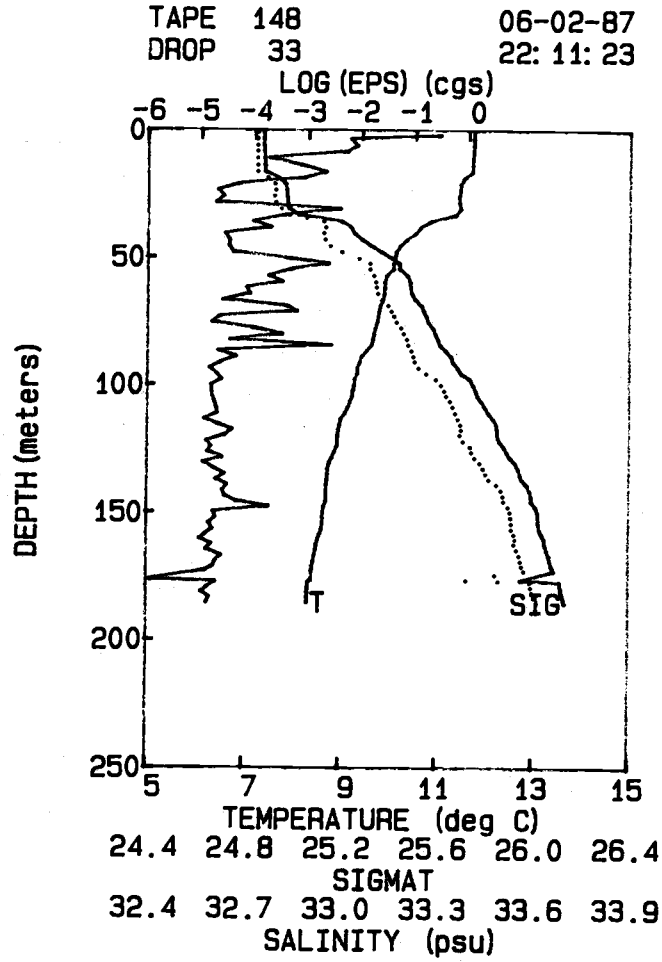
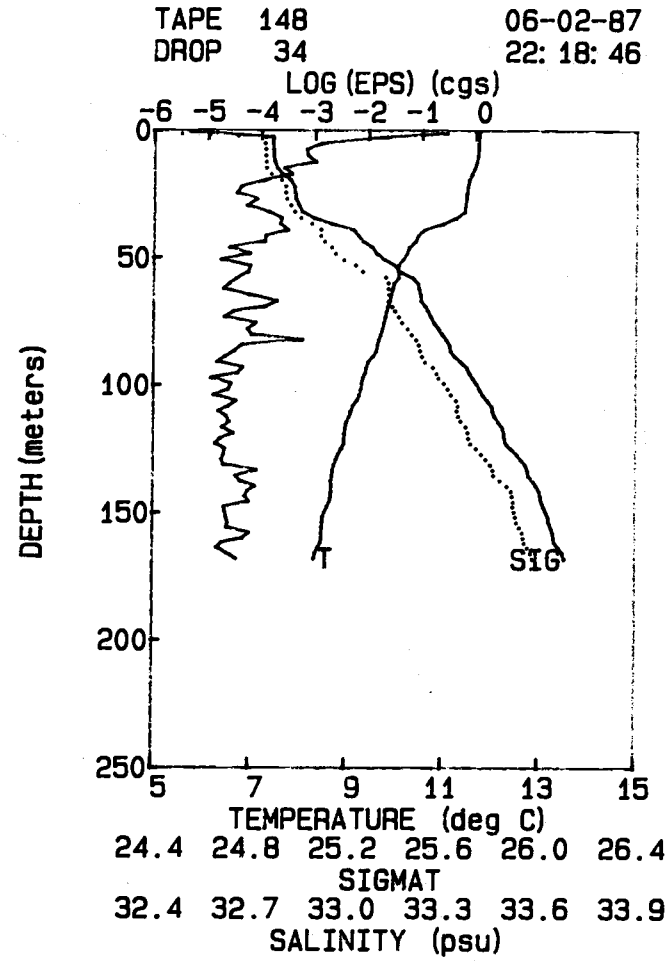
100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 33
06-02-87
22: 11: 23
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 34
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22: 18: 46
LOG (EPS) (cgs)
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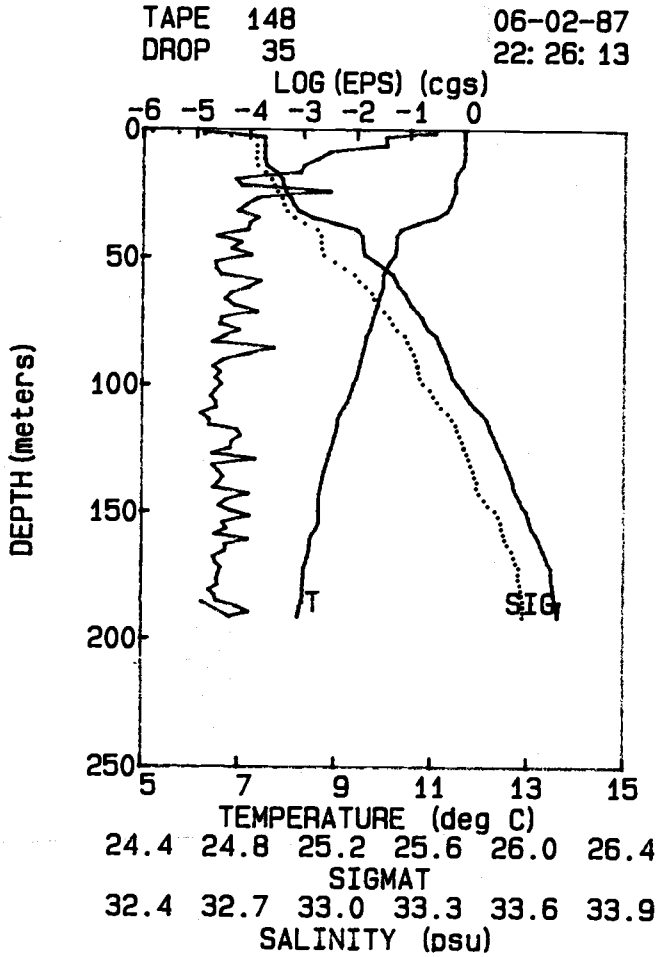
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 35
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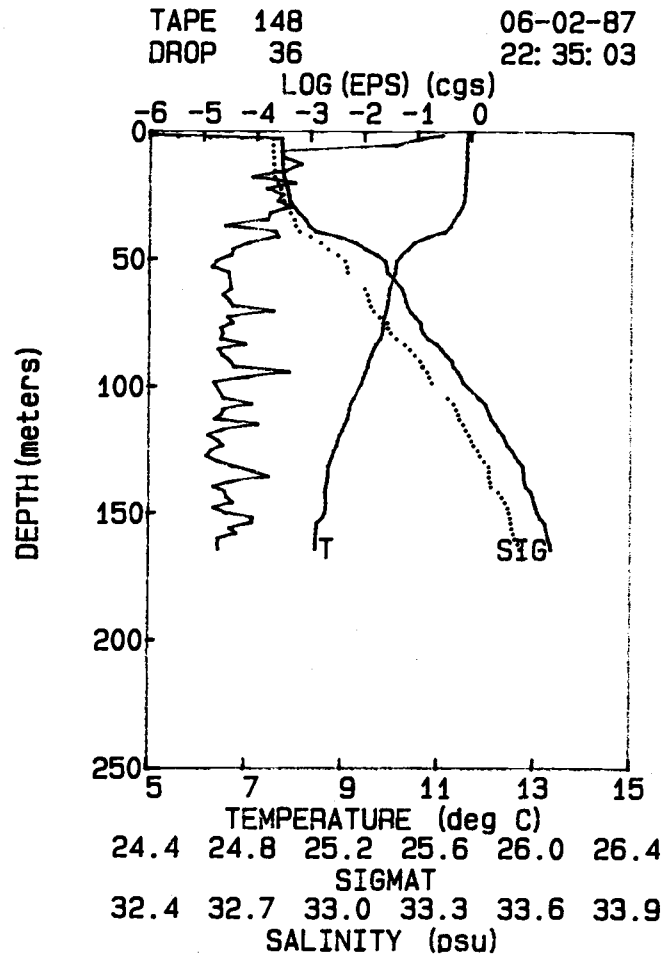
22: 26: 13
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 36
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22: 35: 03
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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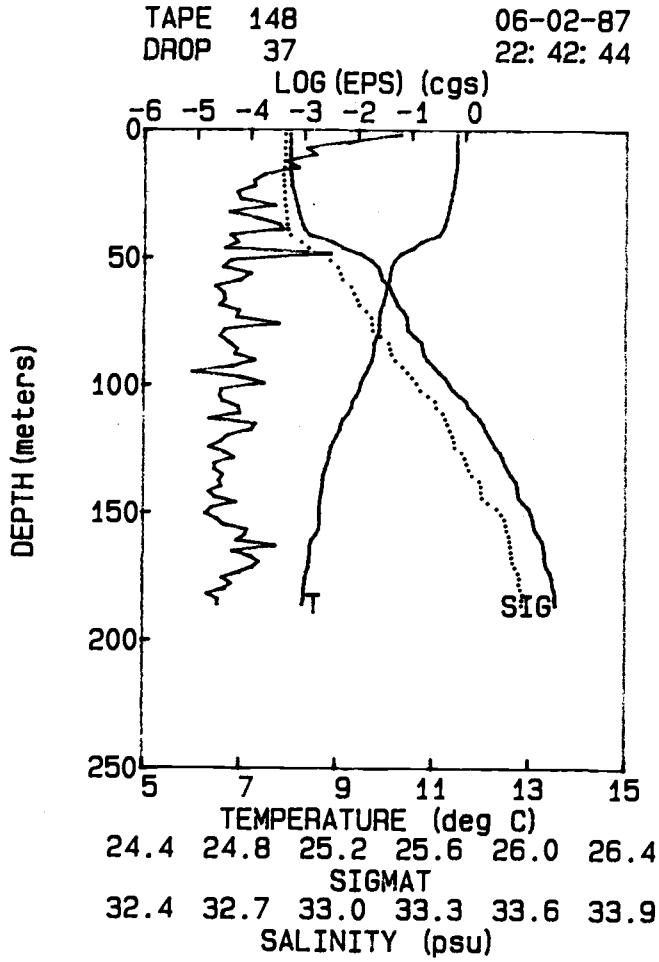
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 37
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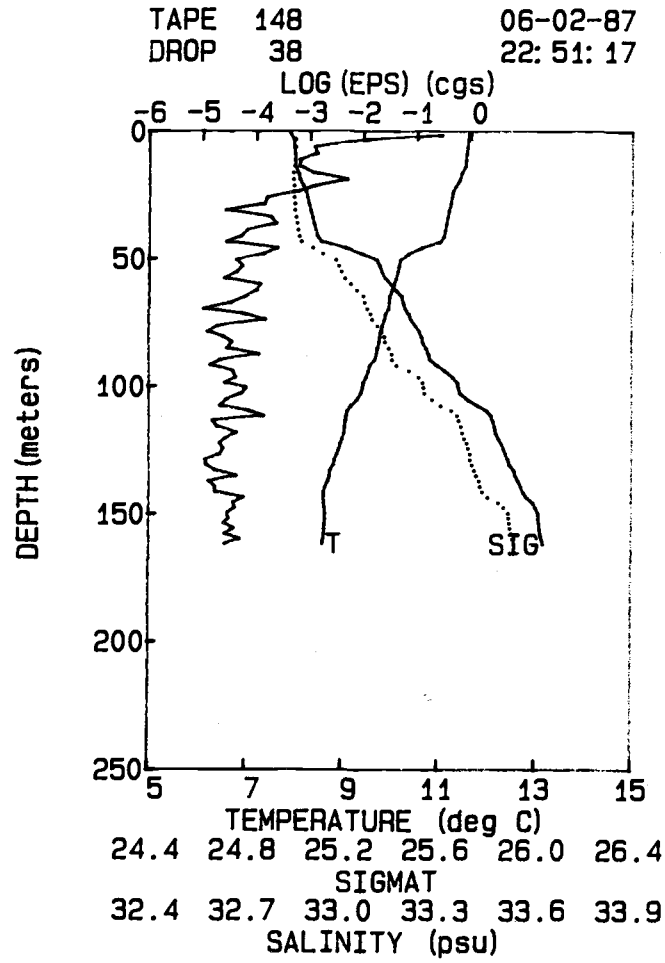
22: 42: 44
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 38
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22: 51: 17
LOG (EPS) (cgs)
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DEPTH (meters)
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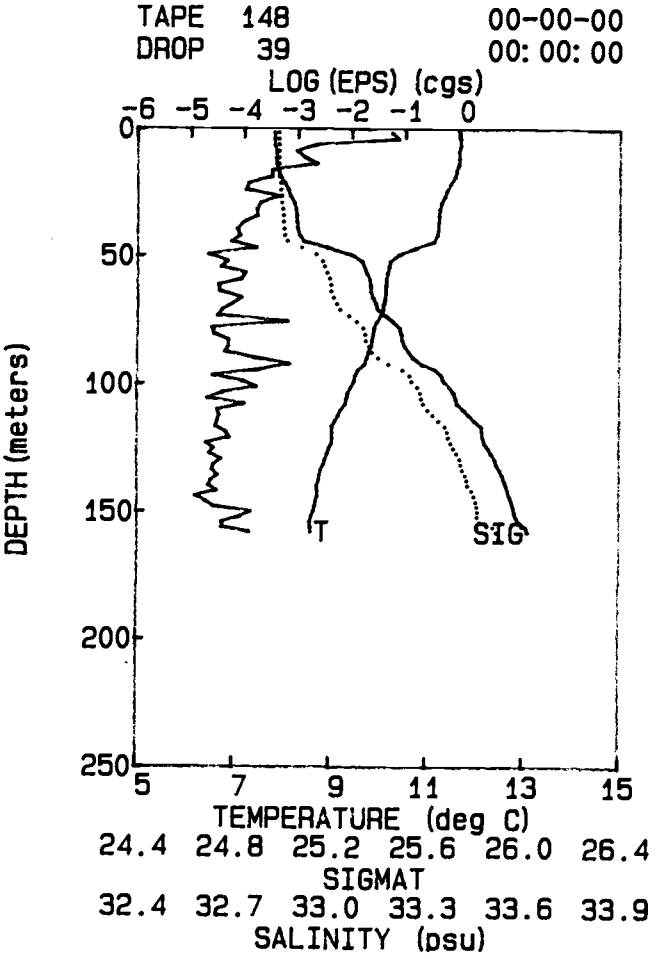
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 39
00-00-00
00: 00: 00
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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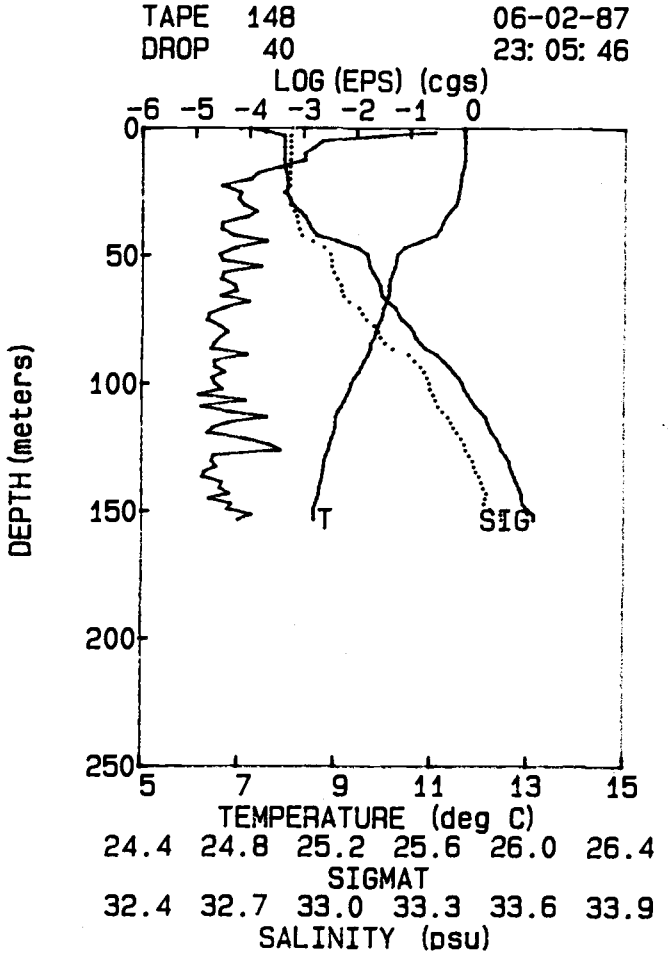
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 40
06-02-87
23: 05: 46
LOG (EPS) (cgs)
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DEPTH (meters)
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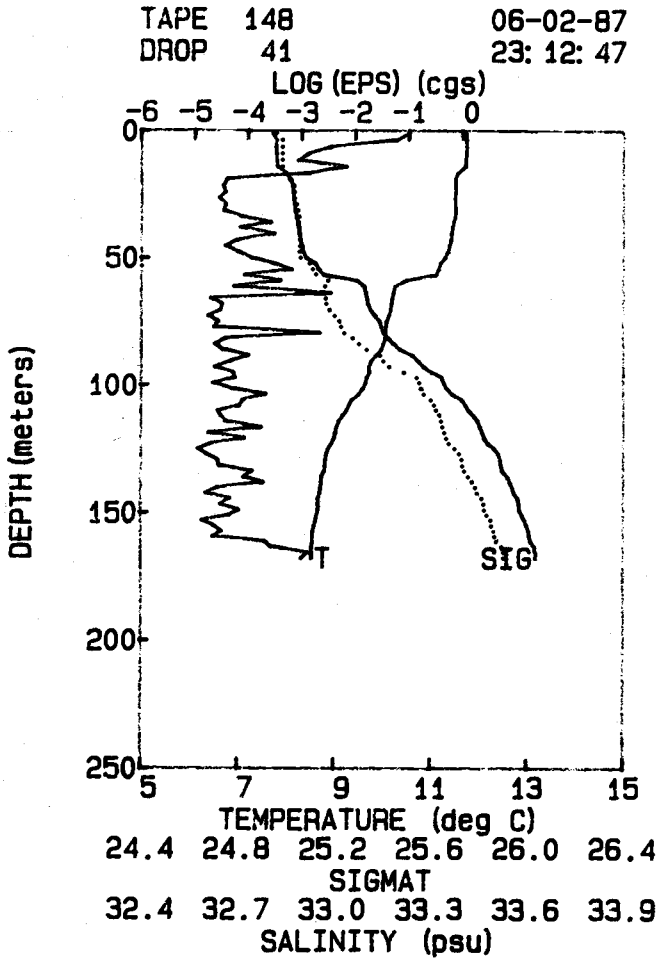
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 41
06-02-87
23: 12: 47
LOG (EPS) (cgs)
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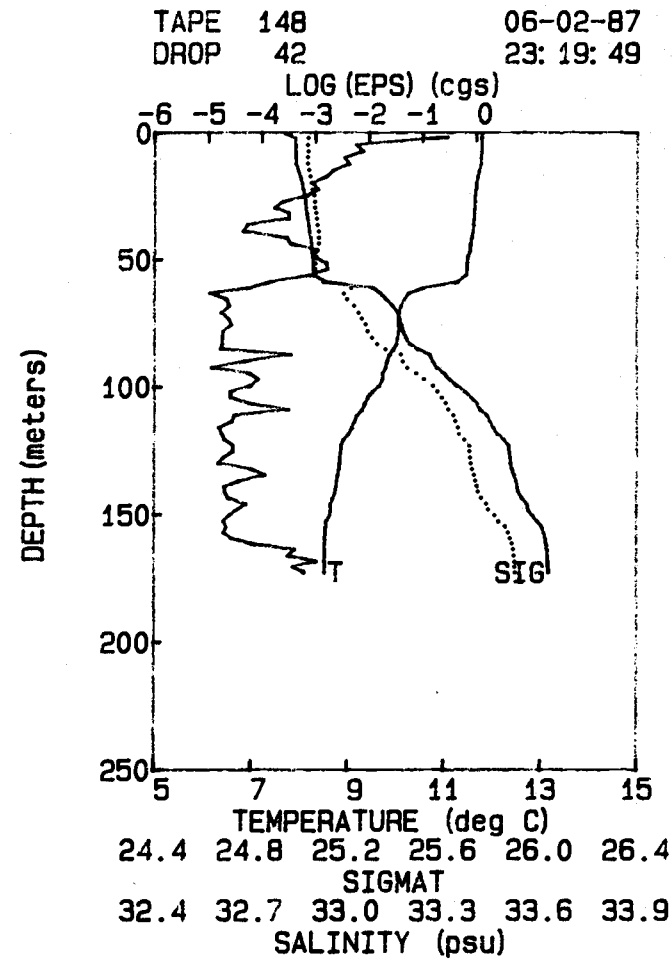
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 42
06-02-87
23: 19: 49
LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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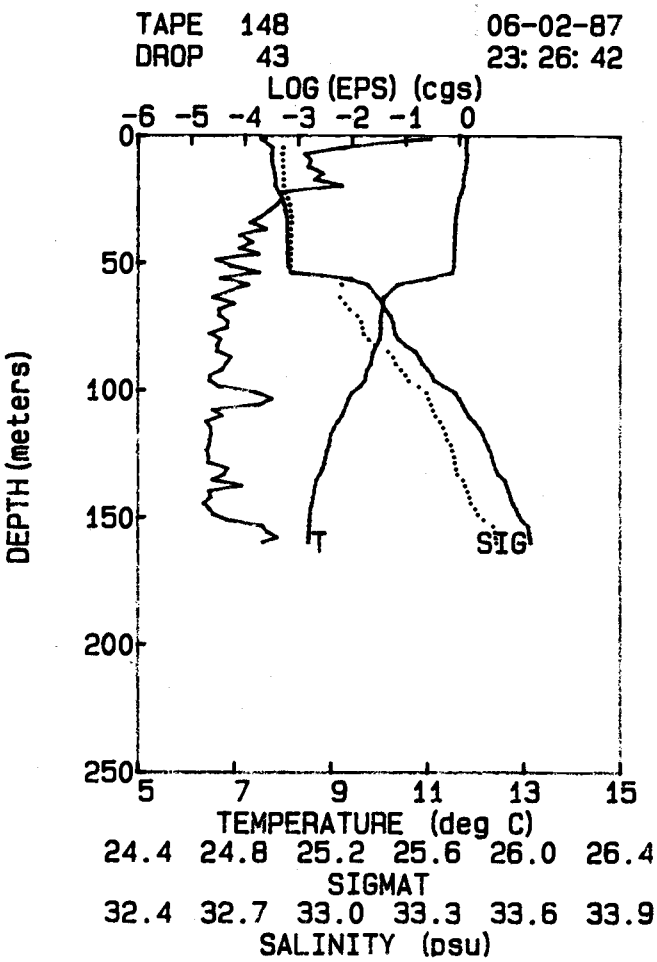
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 43
06-02-87
23: 26: 42
LOG (EPS) (cgs)
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DEPTH (meters)
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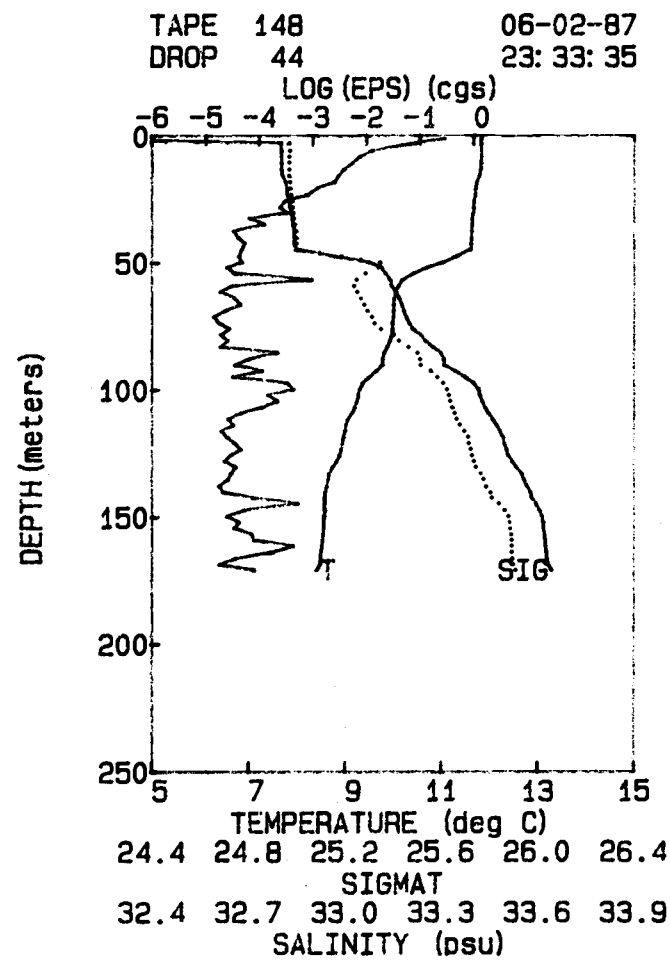
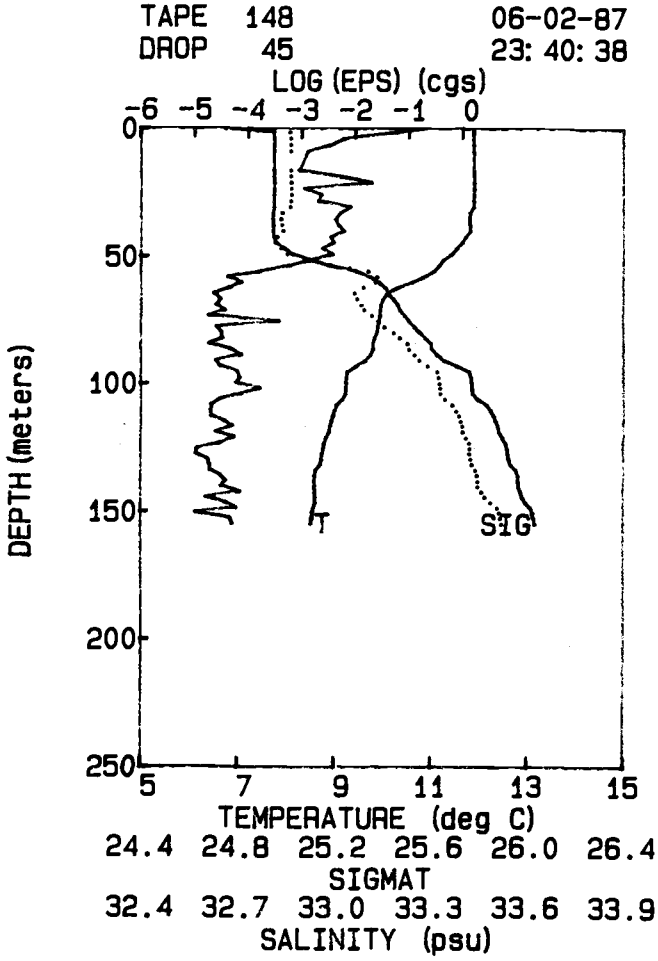
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 44
06-02-87
23: 33: 35
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 45
06-02-87
23: 40: 38
LOG (EPS) (cgs)
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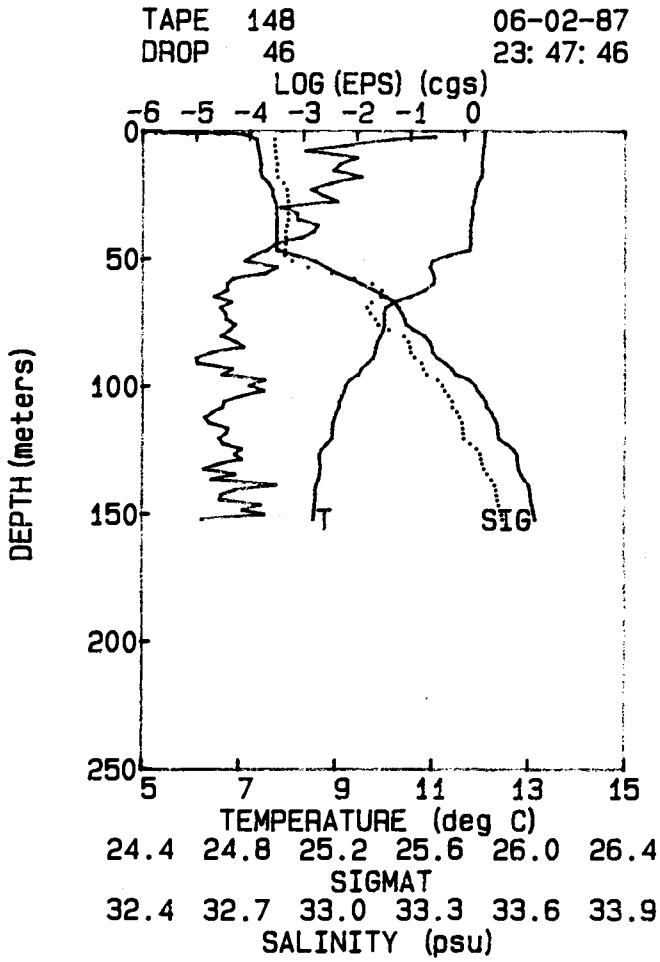
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 46
06-02-87
23: 47: 46
LOG (EPS) (cgs)
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DEPTH (meters)
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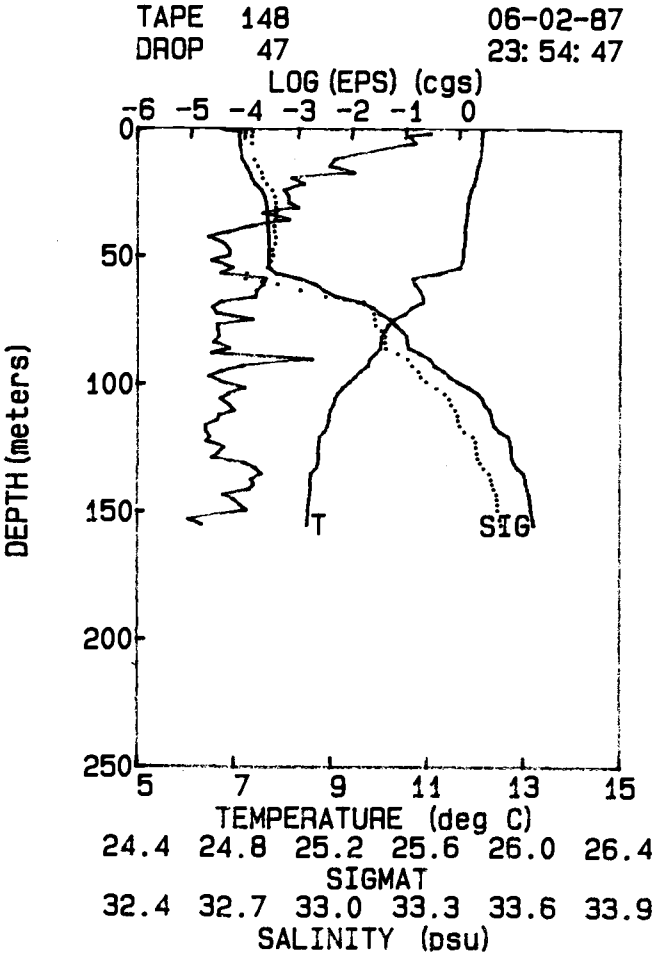
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 47
06-02-87
23: 54: 47
LOG (EPS) (cgs)
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DEPTH (meters)
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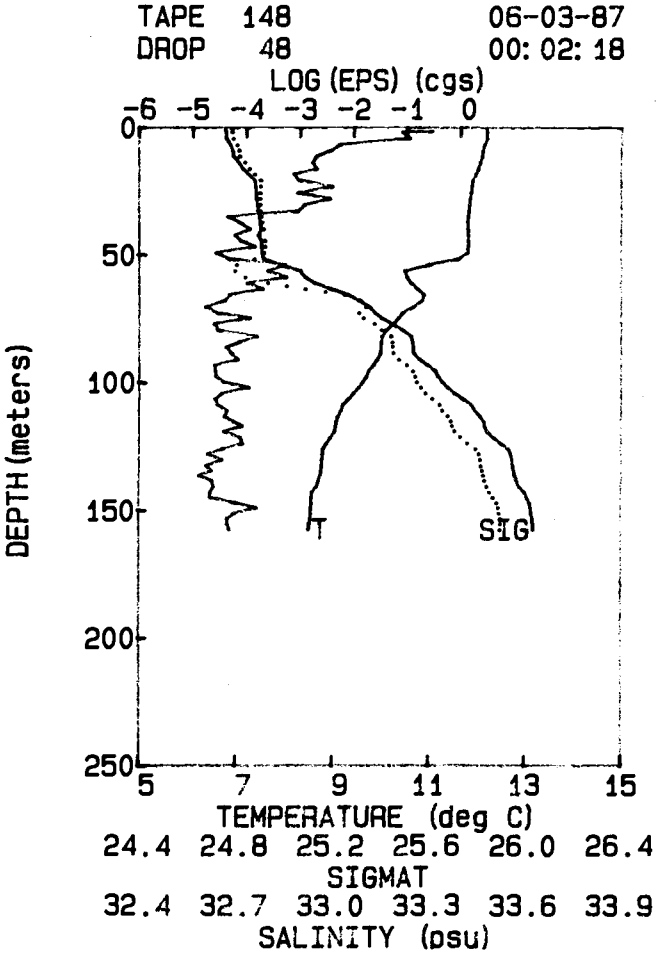
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 48
06-03-87
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LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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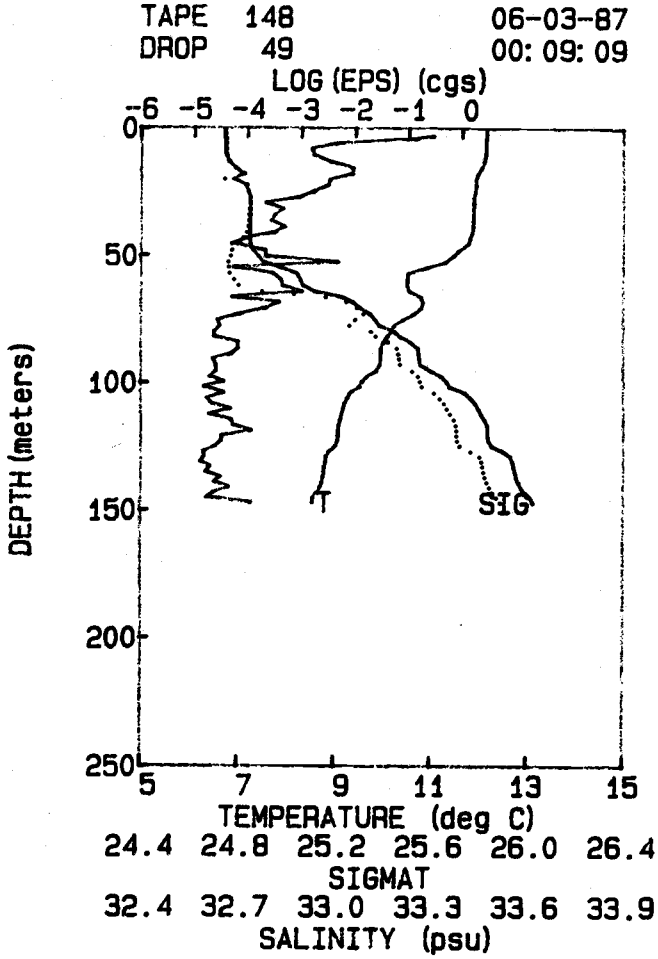
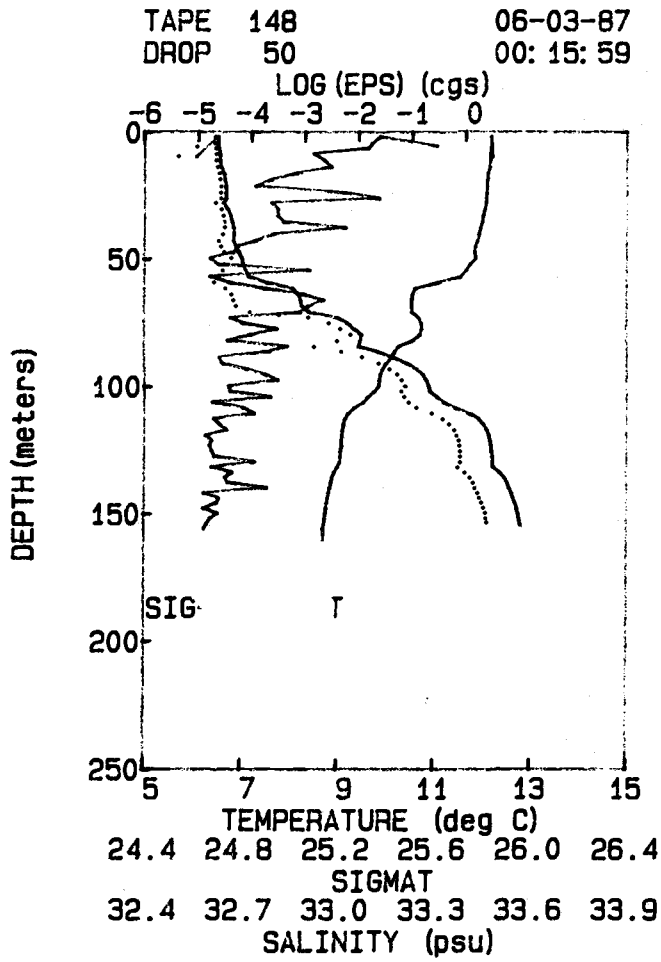
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 49
06-03-87
00: 09: 09
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 50
06-03-87
00: 15: 59
LOG (EPS) (cgs)
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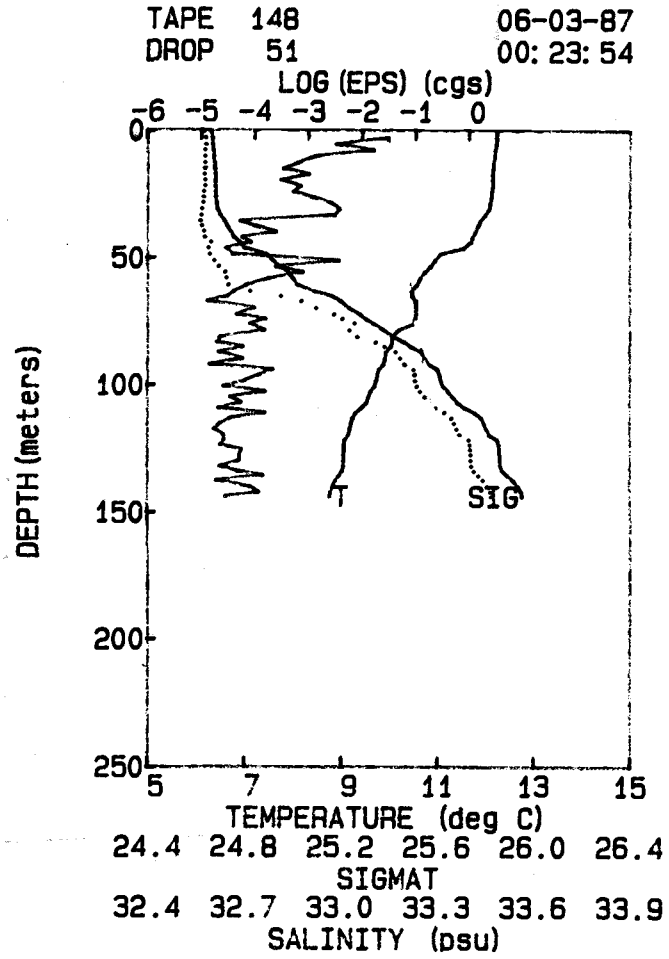
DEPTH (meters)
0
50
100
150
200
250
SIG
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 51
06-03-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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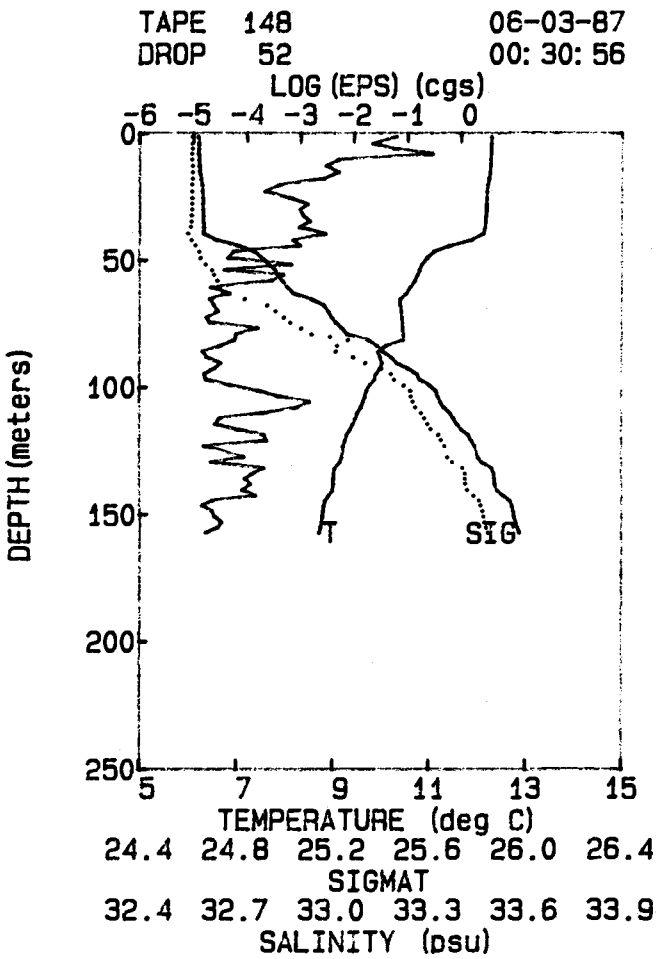
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 52
06-03-87
00: 30: 56
LOG (EPS) (cgs)
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DEPTH (meters)
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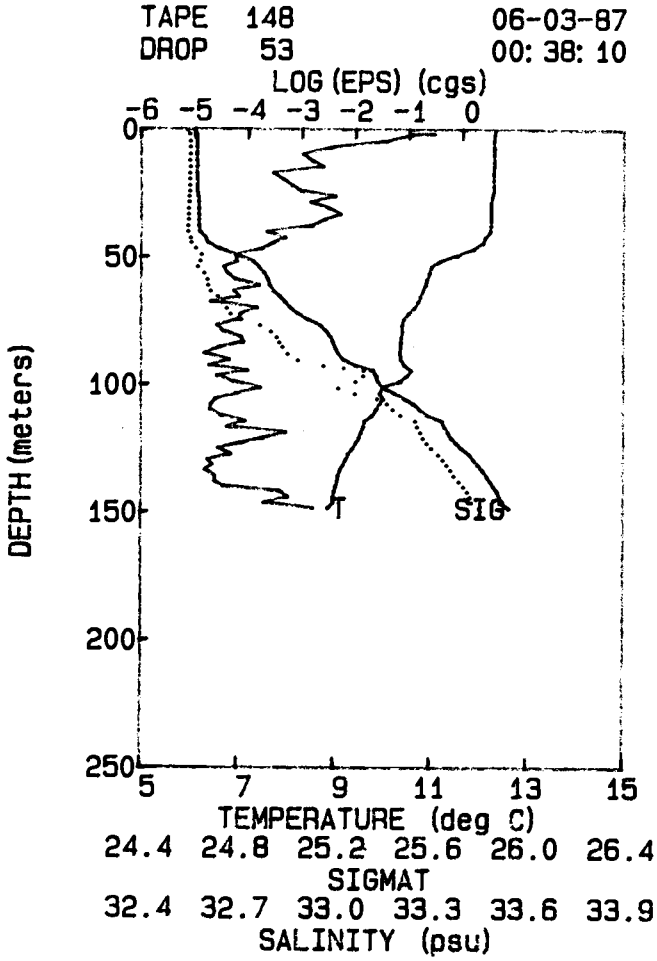
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 53
06-03-87
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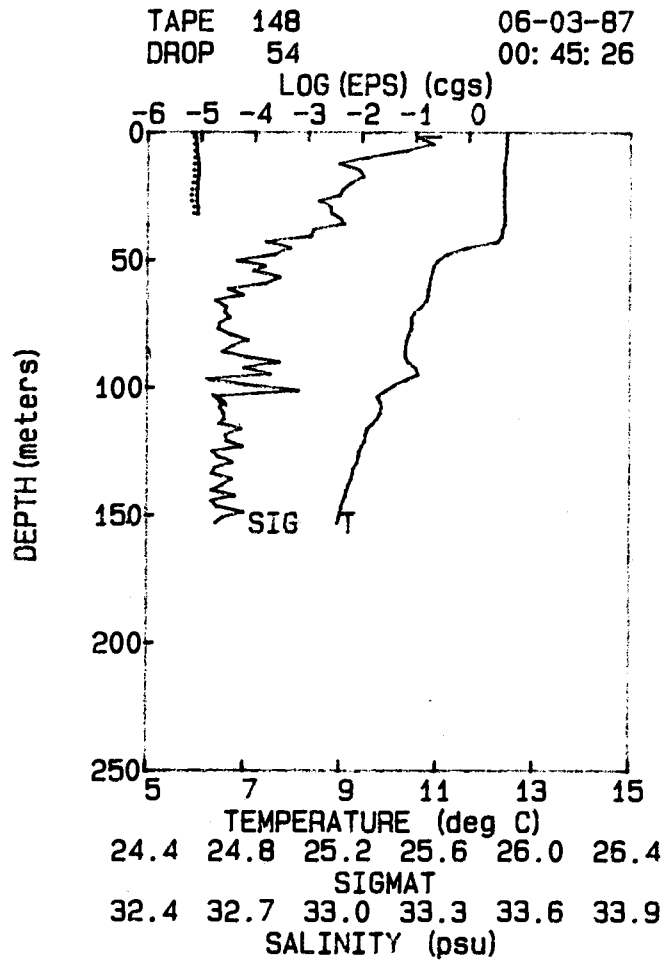
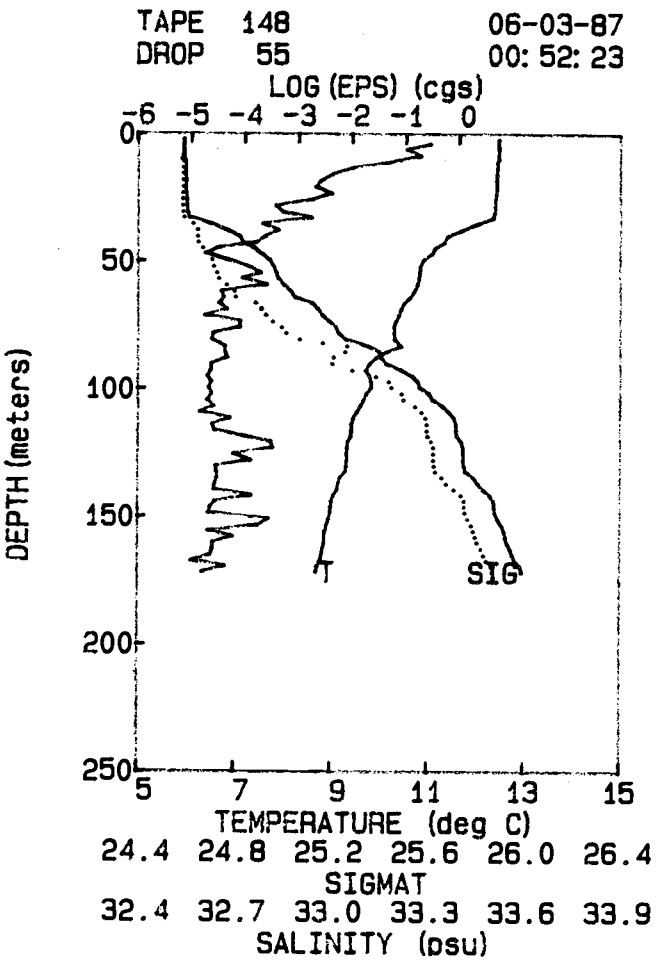
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 54
06-03-87
00: 45: 26
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
SIG
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 148
DROP 55
06-03-87
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DEPTH (meters)
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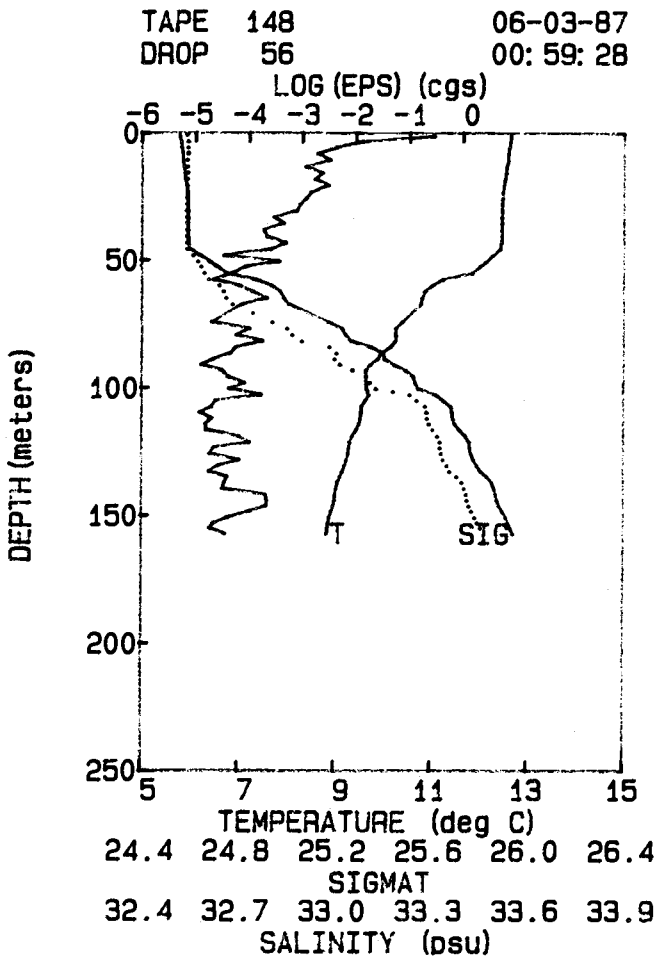
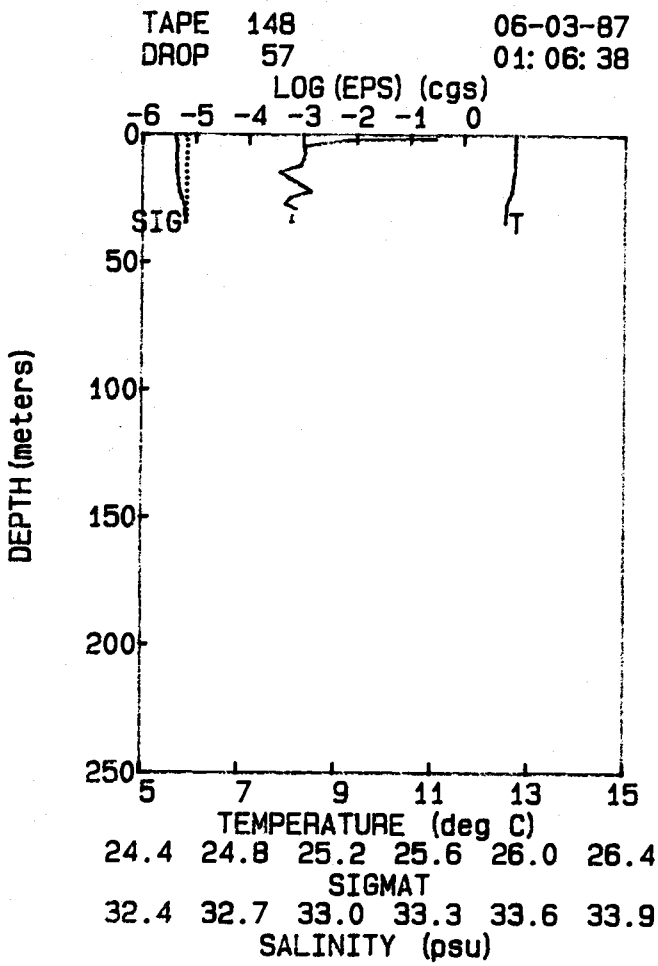
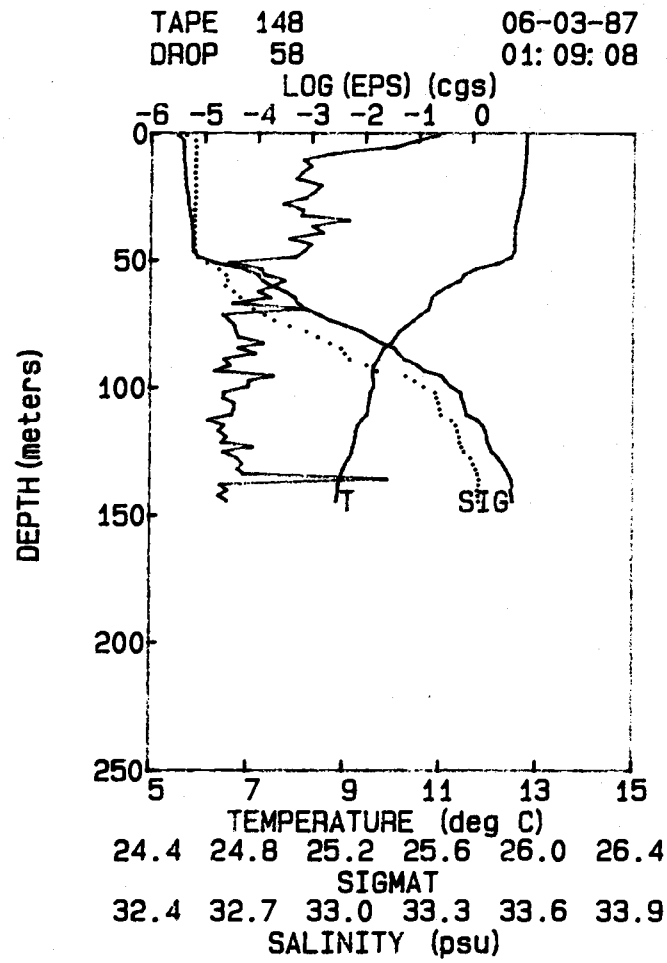
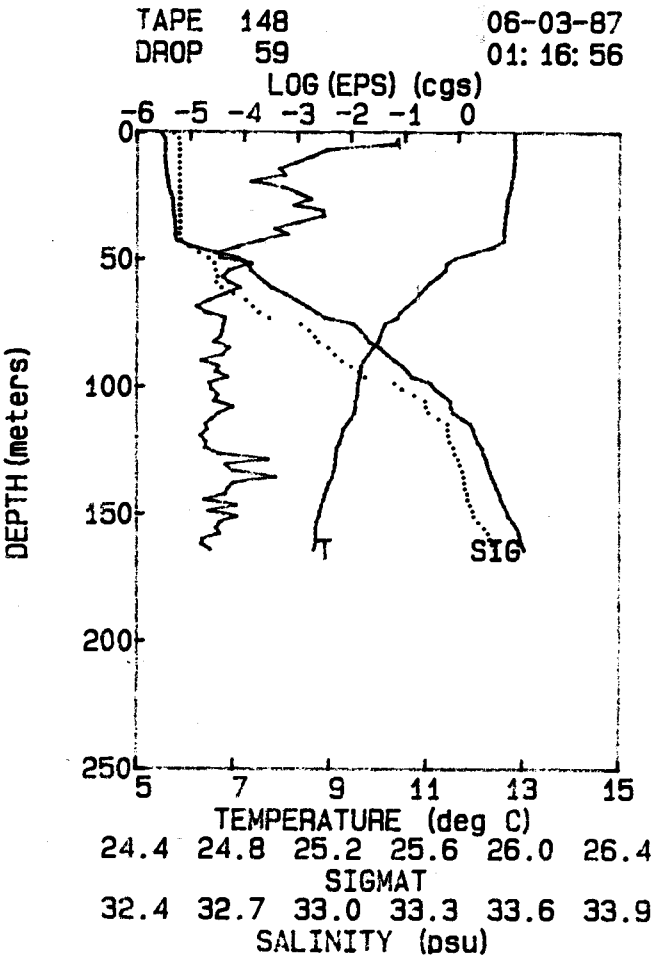
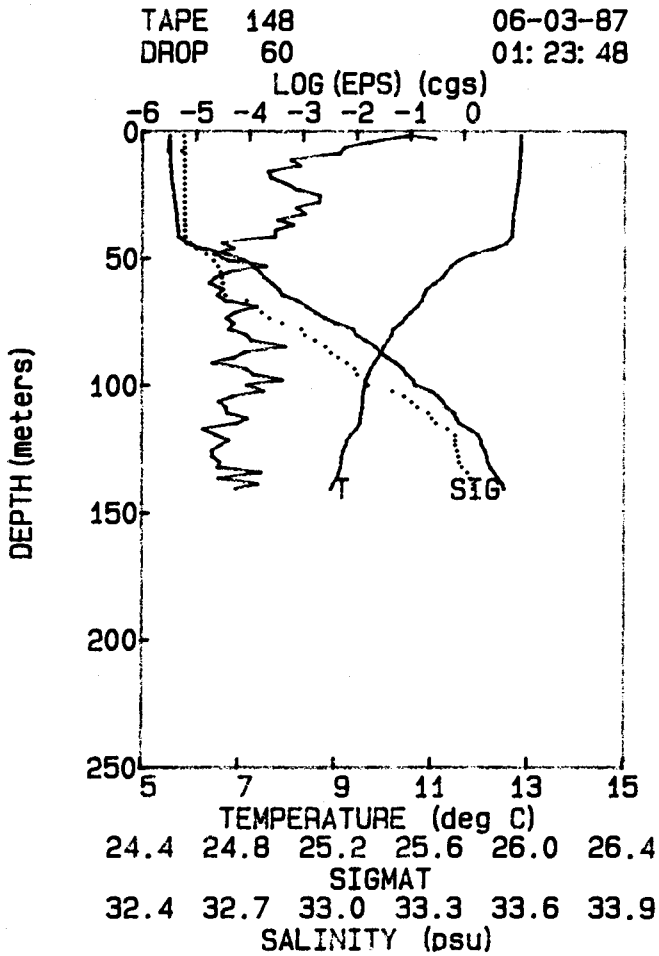
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

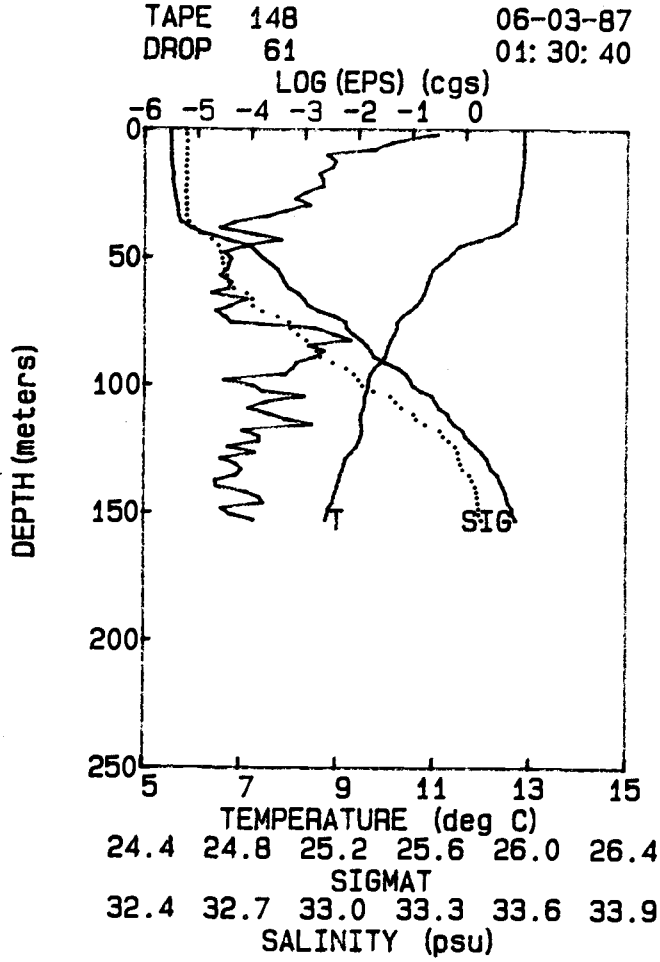

TAPE 148
DROP 56
06-03-87
00: 59: 28
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

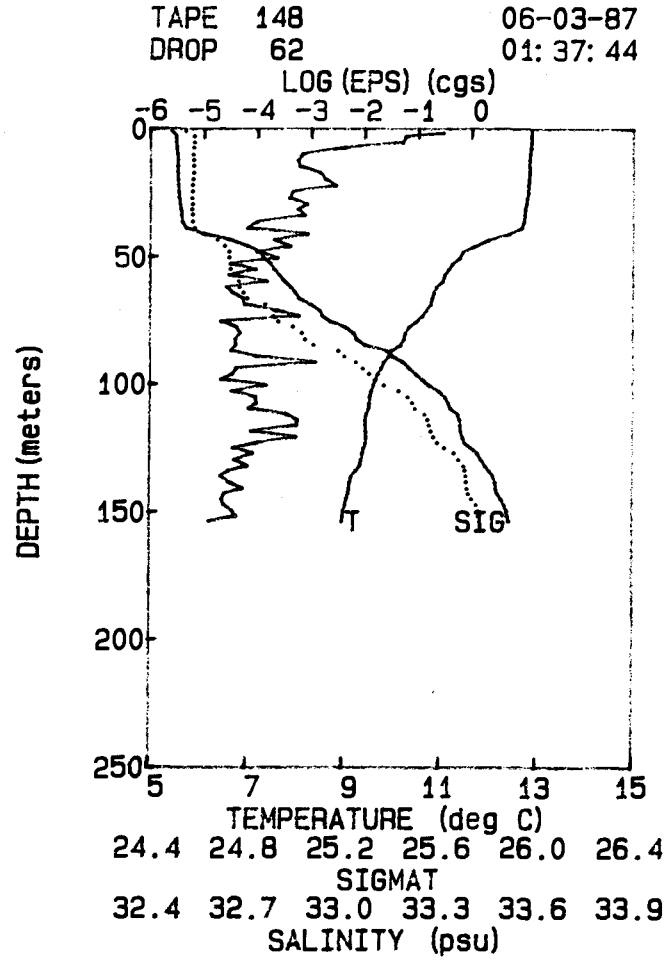

TAPE 148
DROP 57
06-03-87
01: 06: 38
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
SIG
T
DEPTH (meters)
0
50
100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

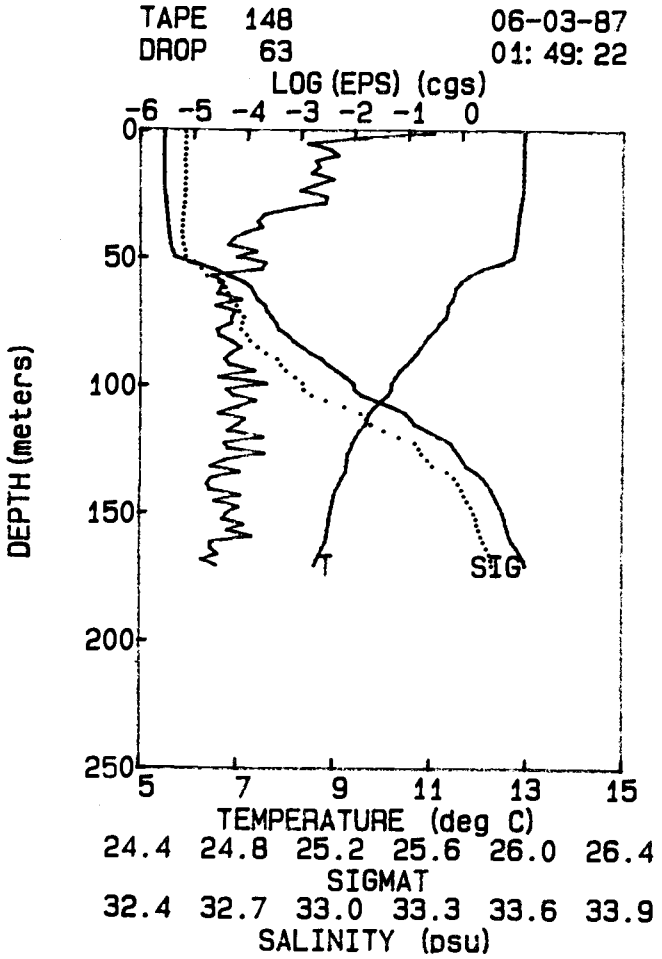

TAPE 148
DROP 58
06-03-87
01: 09: 08
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
T
SIG
DEPTH (meters)
0
50
100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

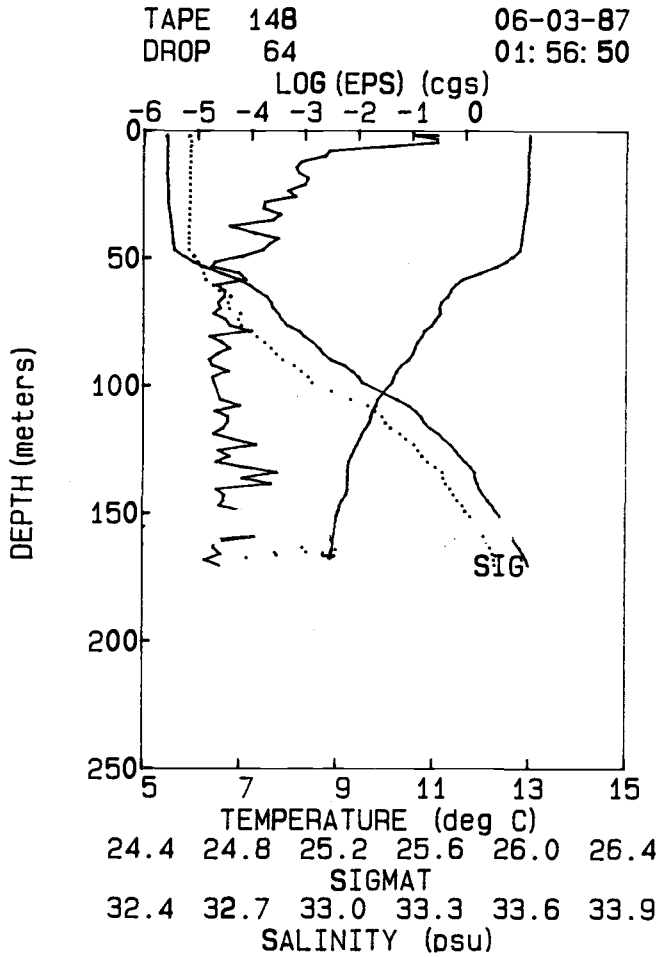

TAPE 148
DROP 59
06-03-87
01: 16: 56
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
T
SIG
DEPTH (meters)
0
50
100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

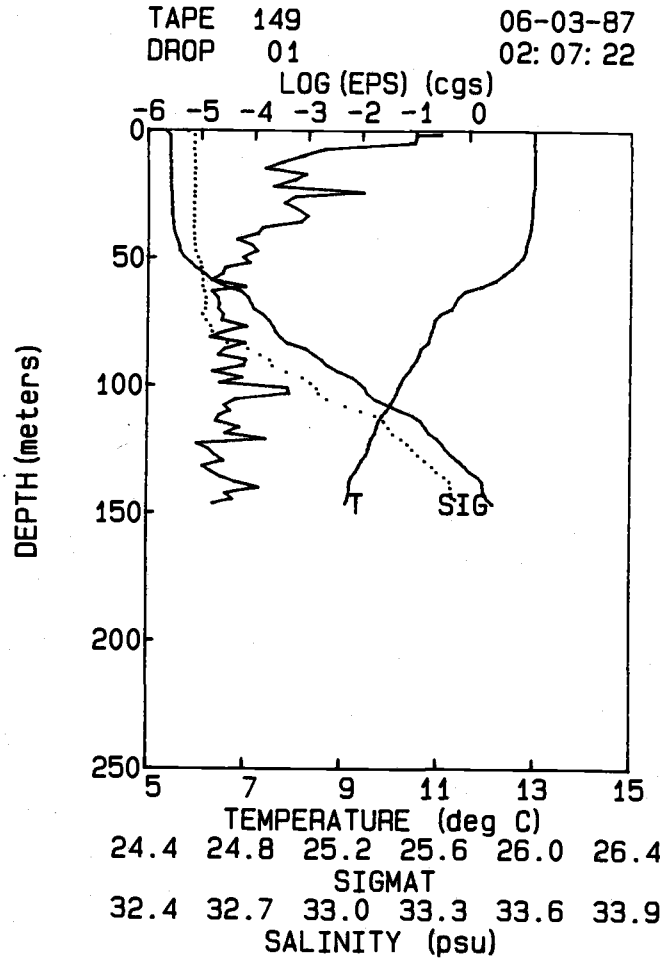

TAPE 148
DROP 60
06-03-87
01: 23: 48
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
T
SIG
DEPTH (meters)
0
50
100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

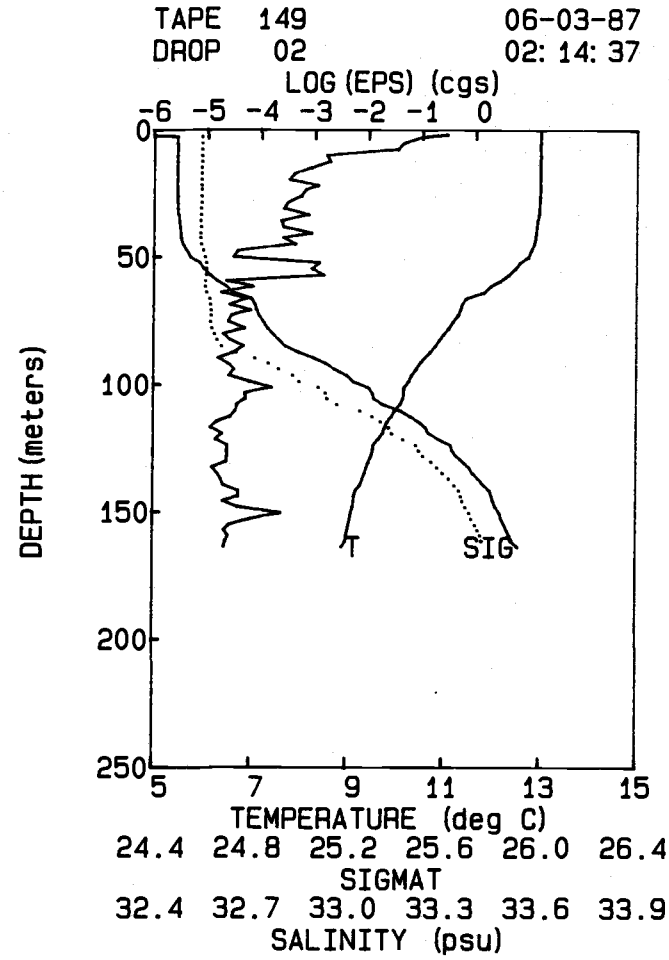

TAPE 148
DROP 61
06-03-87
01: 30: 40
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

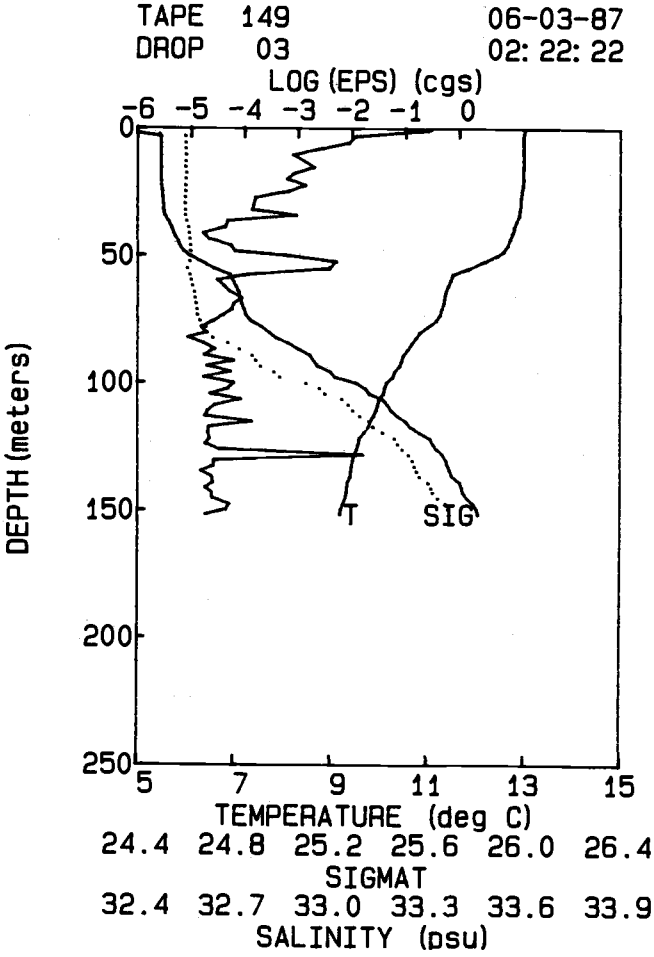

TAPE 148
DROP 62
06-03-87
01: 37: 44
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

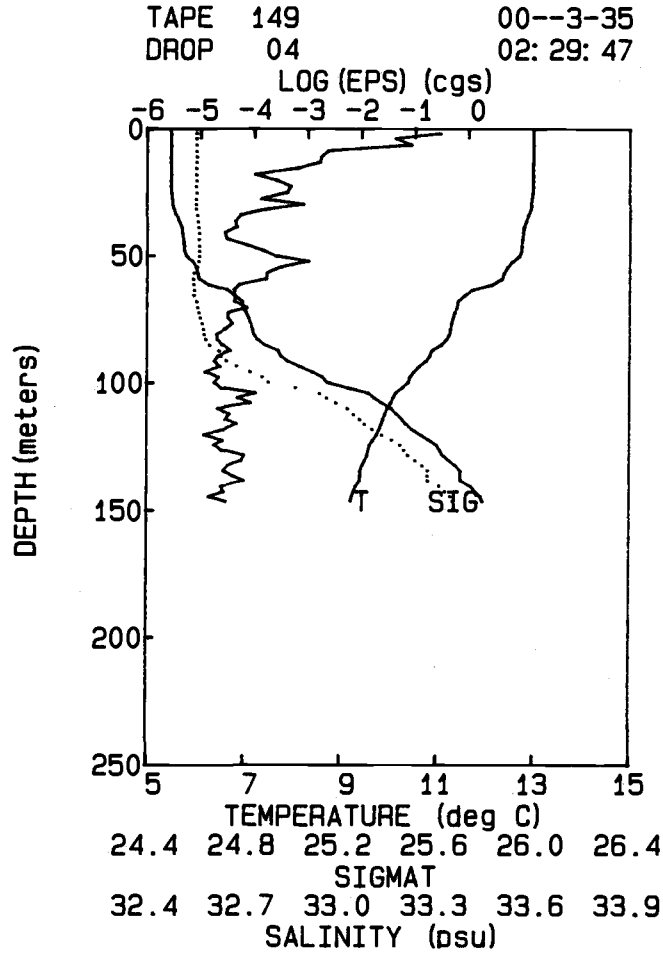

TAPE 148
DROP 63
06-03-87
01: 49: 22
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

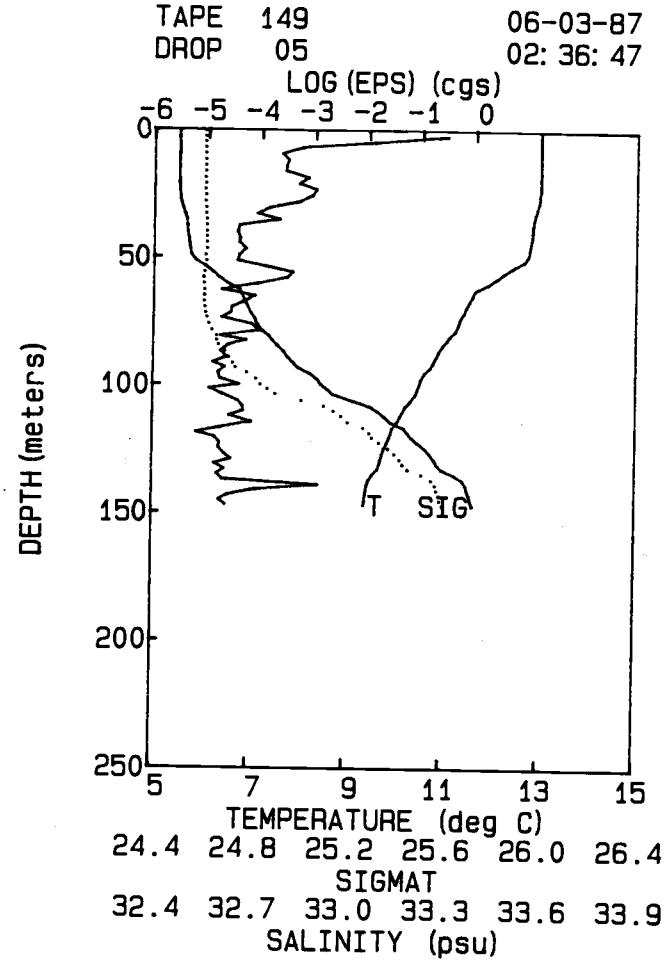

TAPE 148
DROP 64
06-03-87
01: 56: 50
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

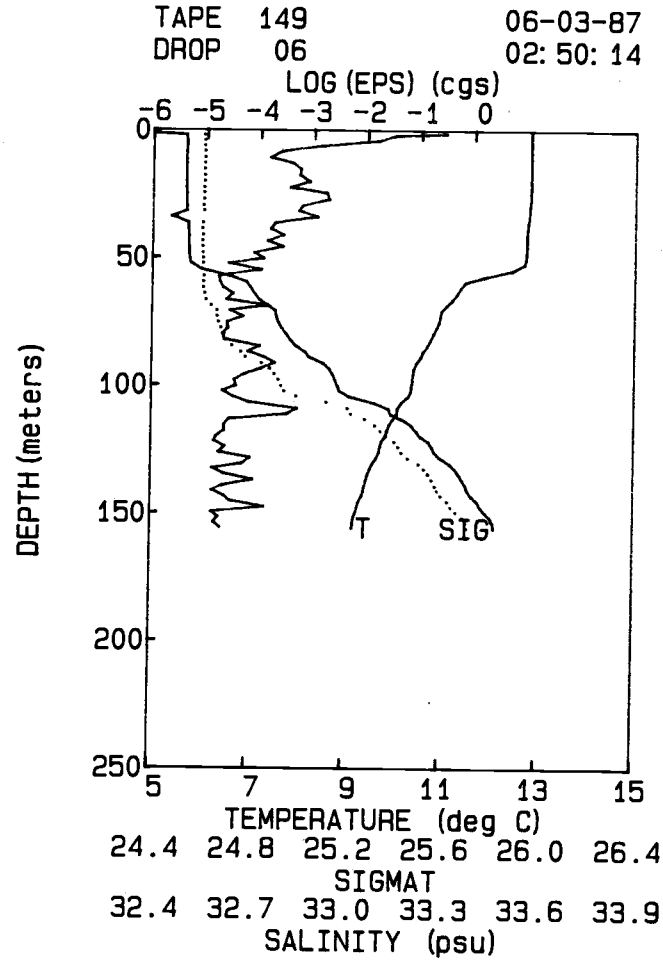

TAPE 149
DROP 01
06-03-87
02: 07: 22
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

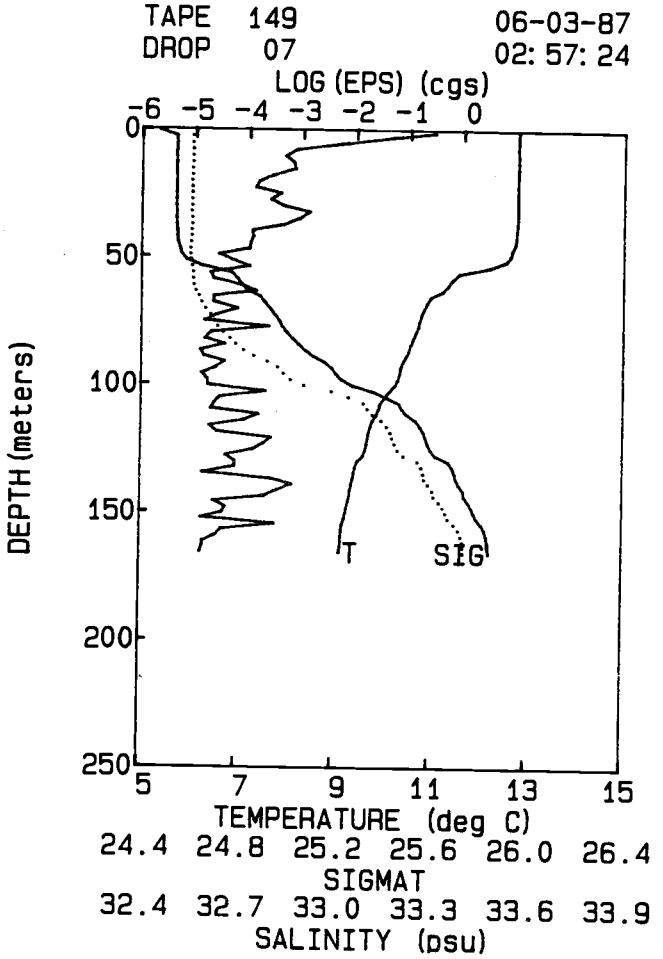

TAPE 149
DROP 02
06-03-87
02: 14: 37
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

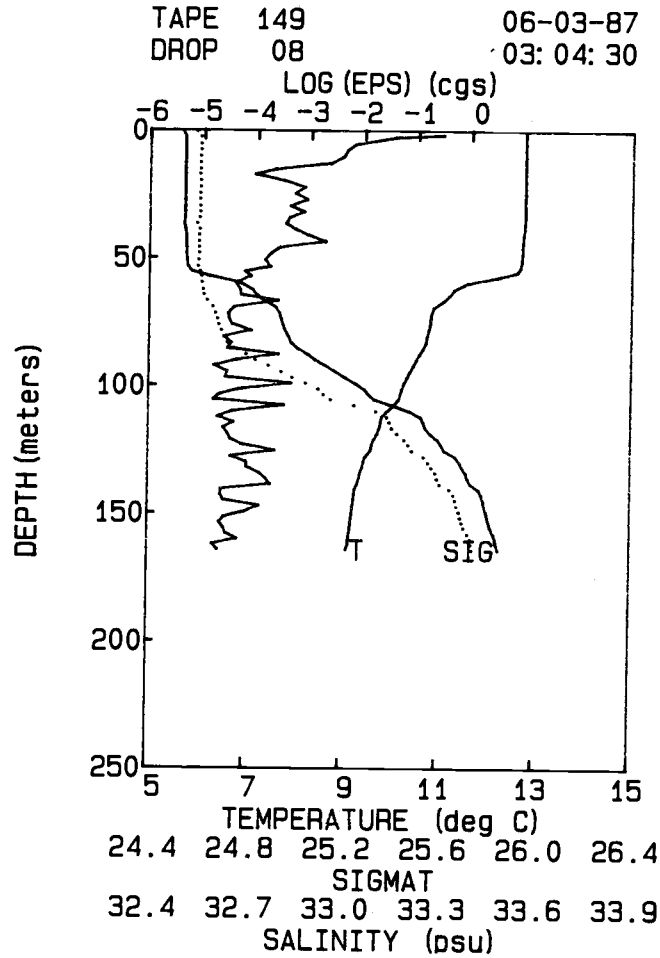

TAPE 149
DROP 03
06-03-87
02: 22: 22
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

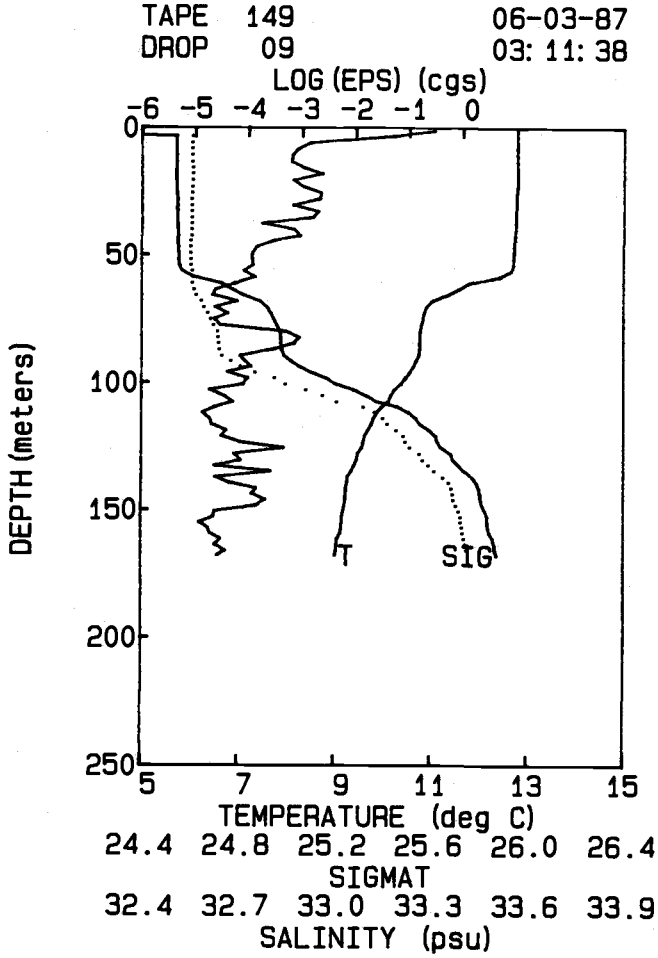

TAPE 149
DROP 04
00--3-35
02: 29: 47
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

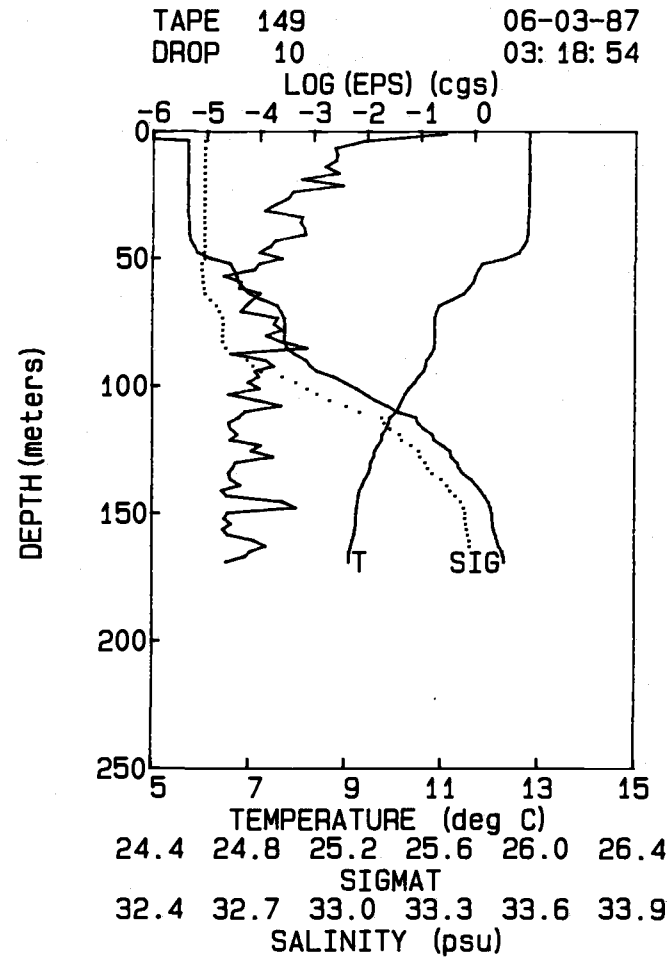

TAPE 149
DROP 05
06-03-87
02: 36: 47
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 149
DROP 06
06-03-87
02: 50: 14
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 149
DROP 07
06-03-87
02: 57: 24
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 149
DROP 08
06-03-87
03: 04: 30
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 149
DROP 09
06-03-87
03: 11: 38
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 149
DROP 10
06-03-87
03: 18: 54
LOG (EPS) (cgs)
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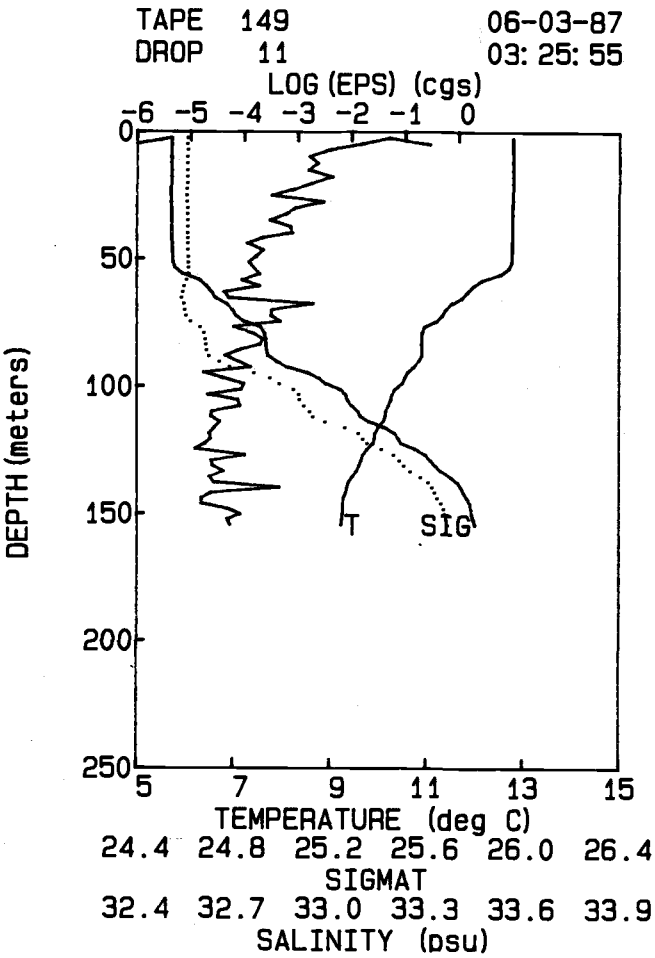
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 149
DROP 11
06-03-87
03: 25: 55
LOG (EPS) (cgs)
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DEPTH (meters)
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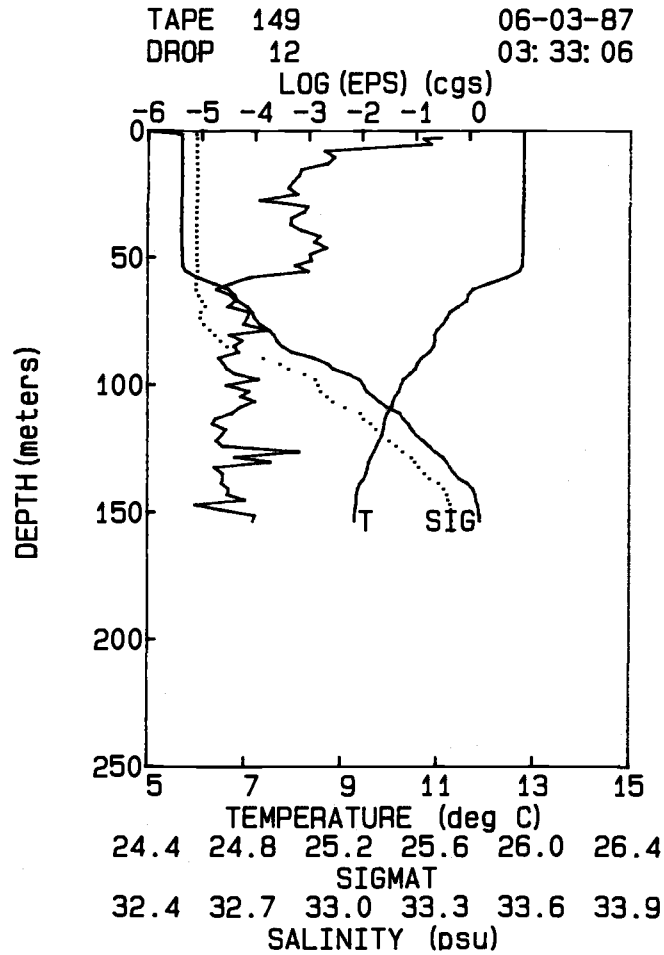
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 149
DROP 12
06-03-87
03: 33: 06
LOG (EPS) (cgs)
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DEPTH (meters)
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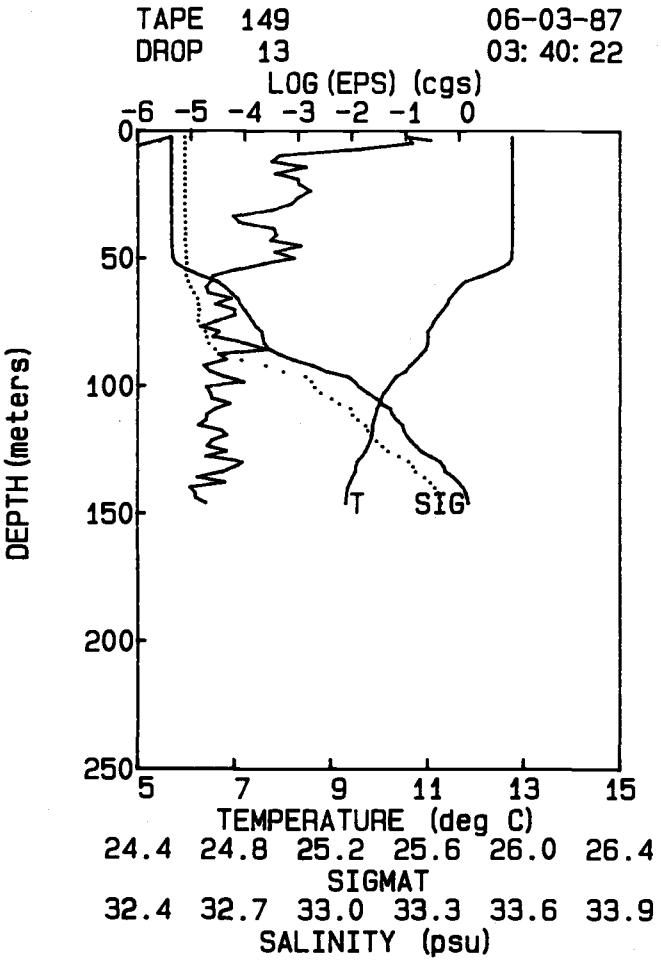
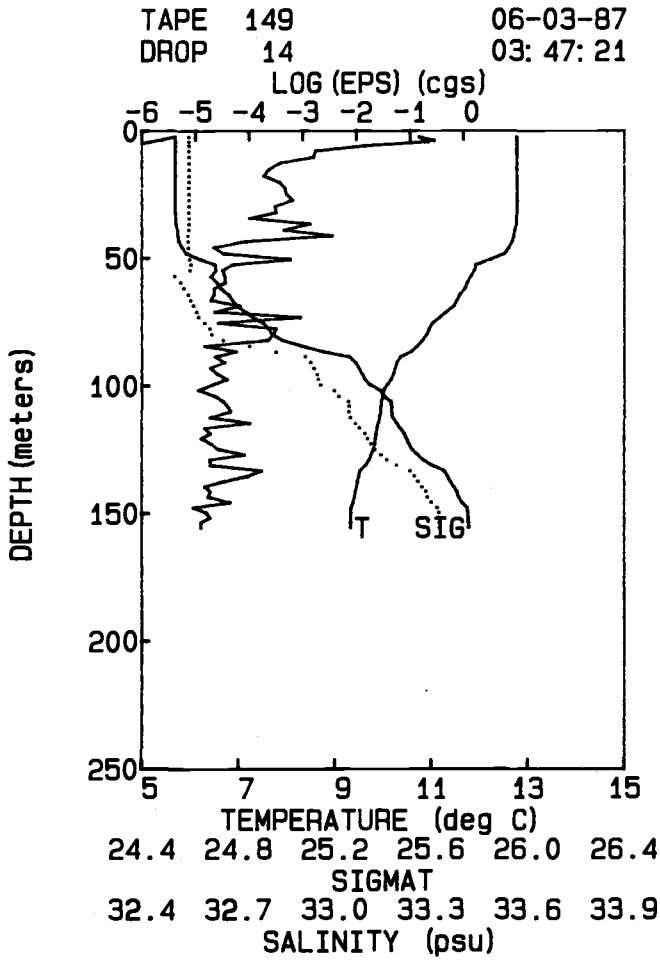
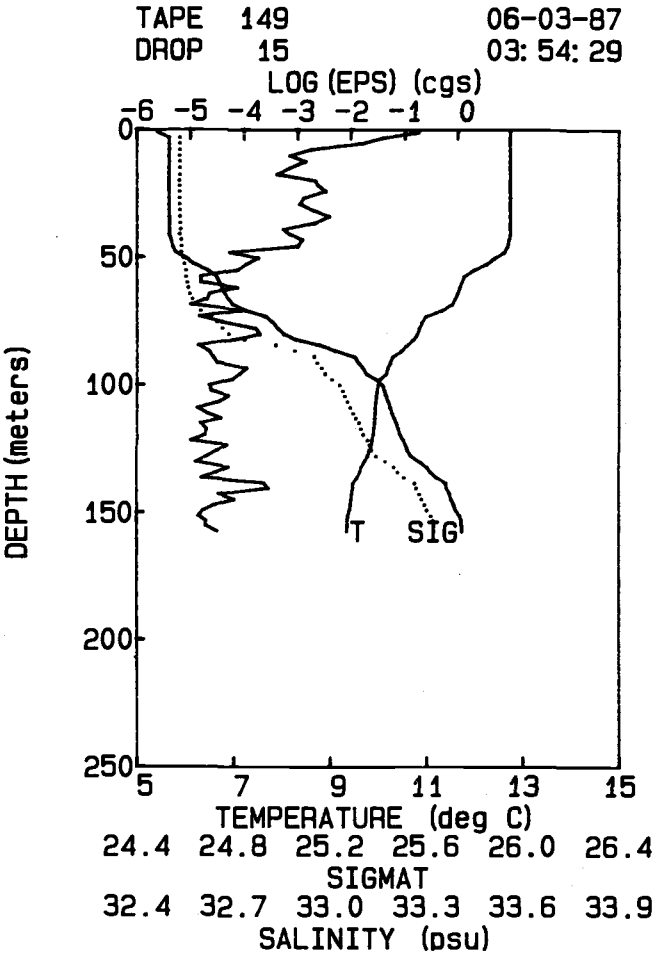
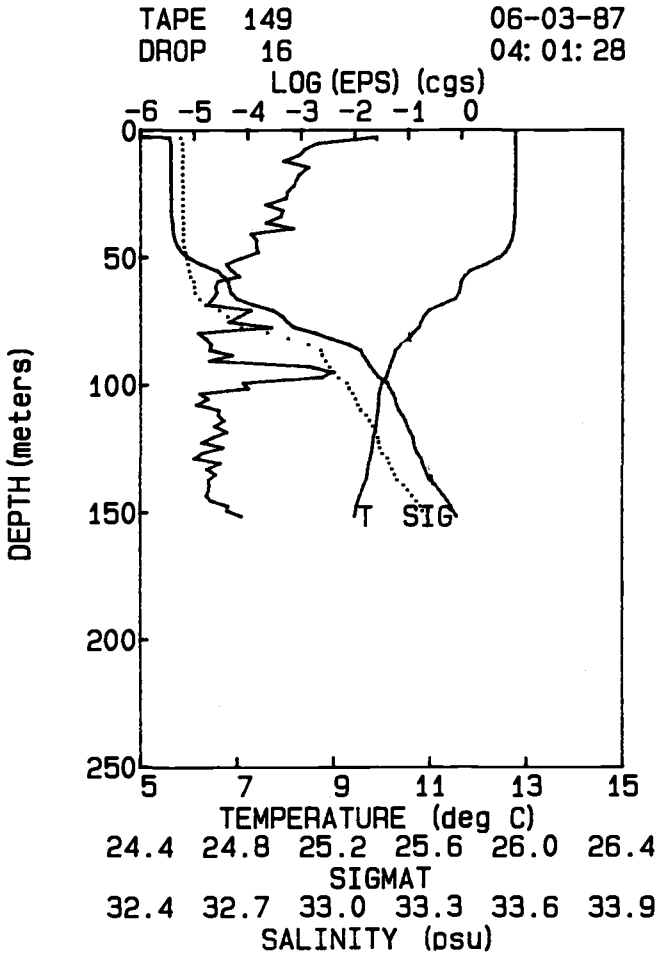
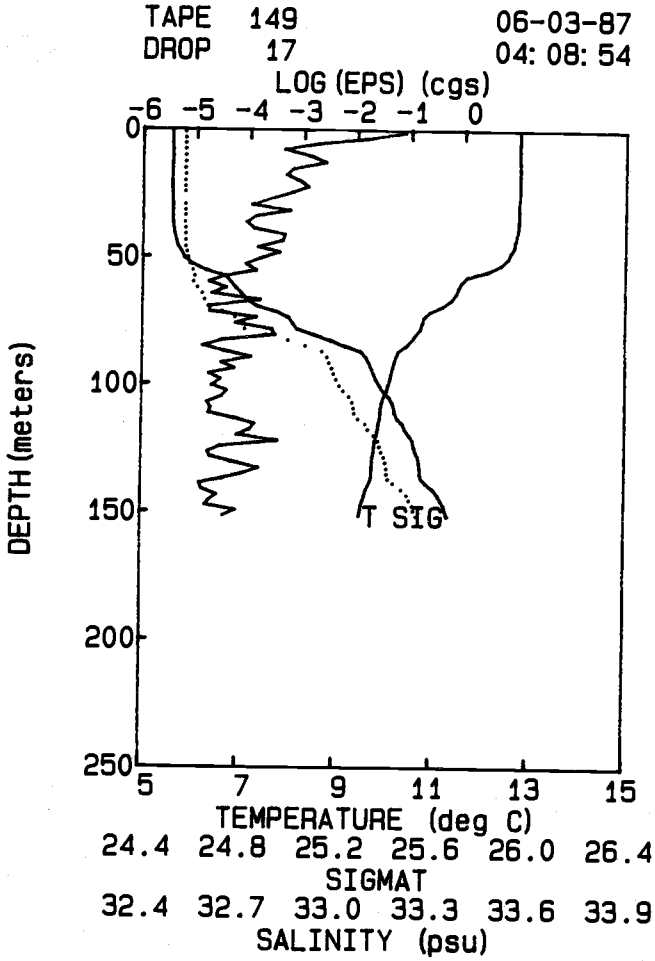
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

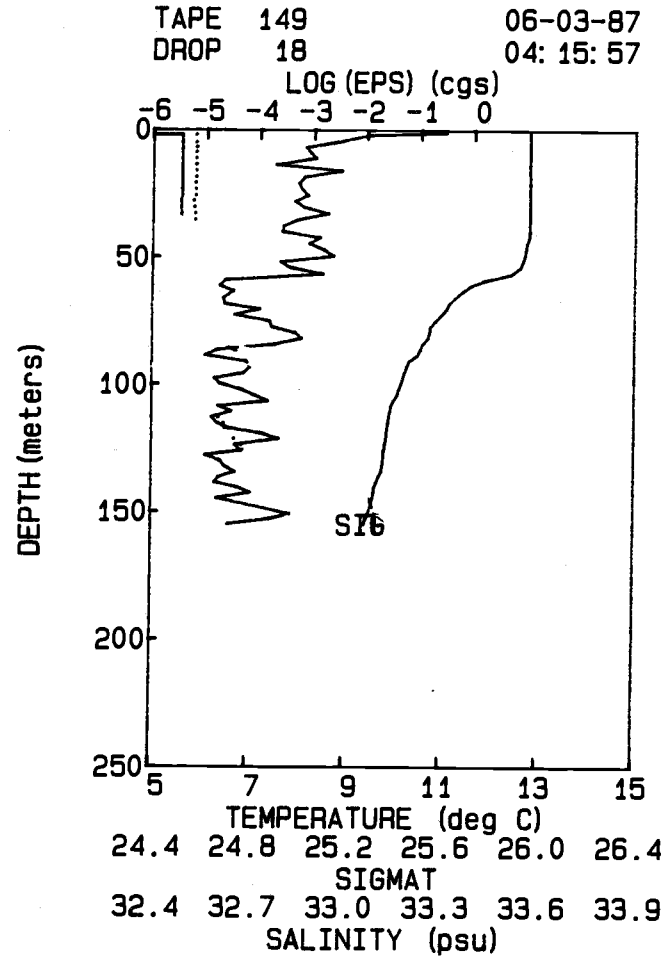

TAPE 149
DROP 13
06-03-87
03: 40: 22
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

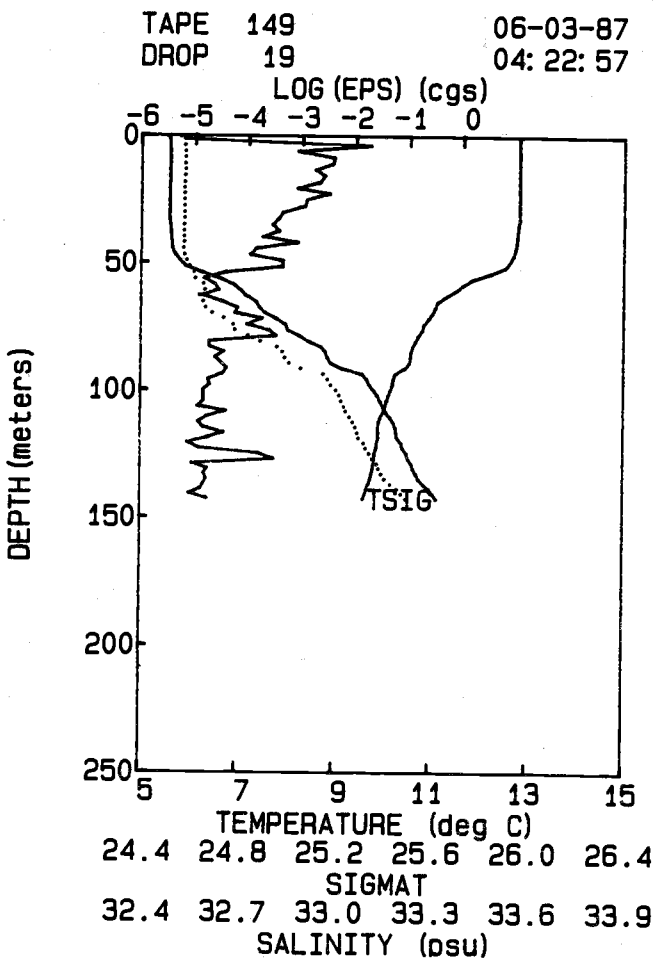

TAPE 149
DROP 14
06-03-87
03: 47: 21
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

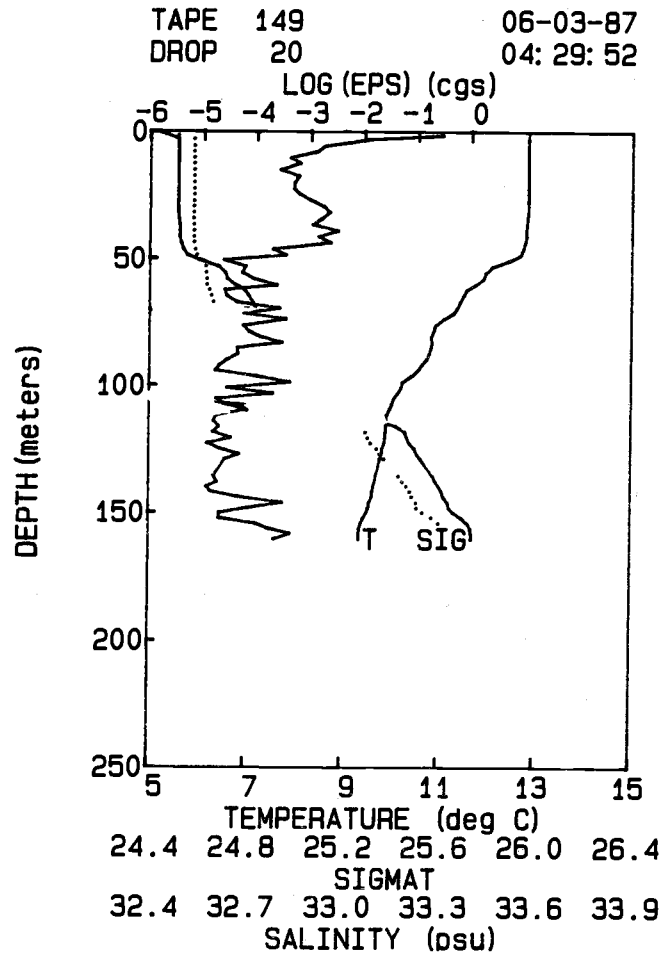

TAPE 149
DROP 15
06-03-87
03: 54: 29
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

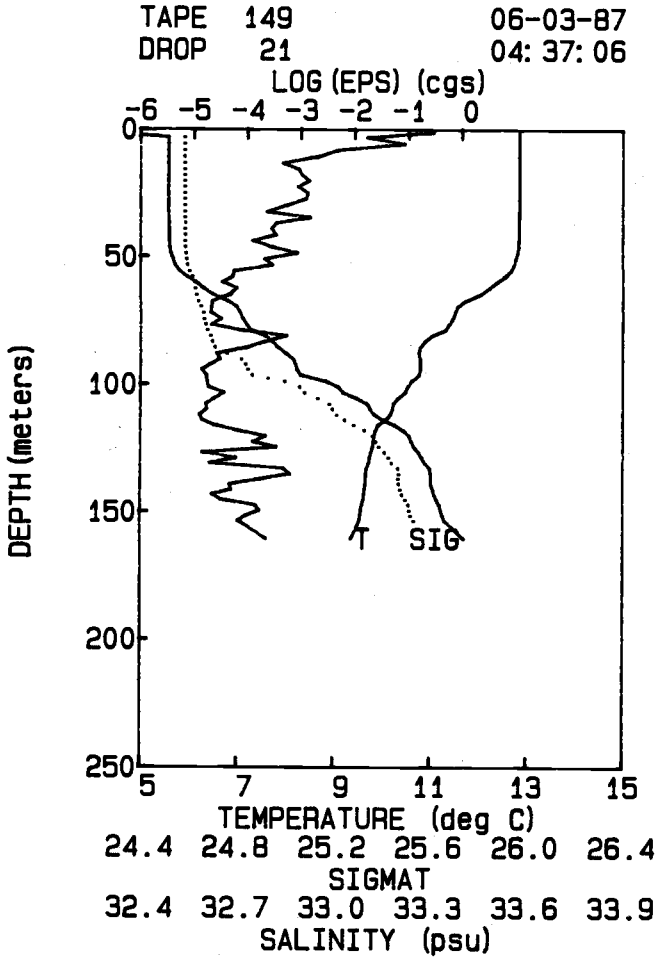

TAPE 149
DROP 16
06-03-87
04: 01: 28
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

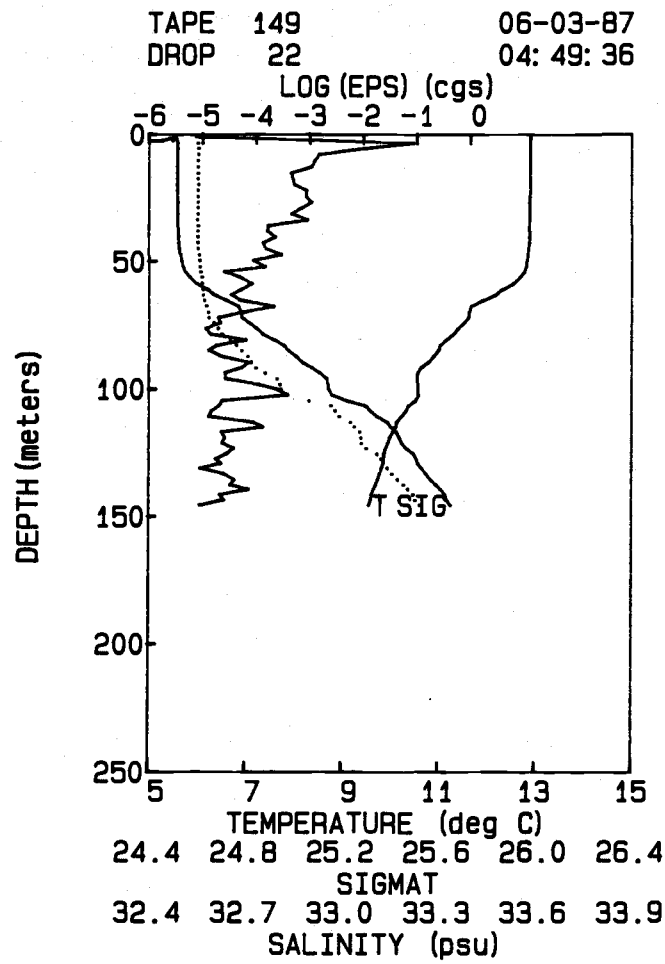

TAPE 149
DROP 17
06-03-87
04: 08: 54
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0 50 100 150 200 250
T SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

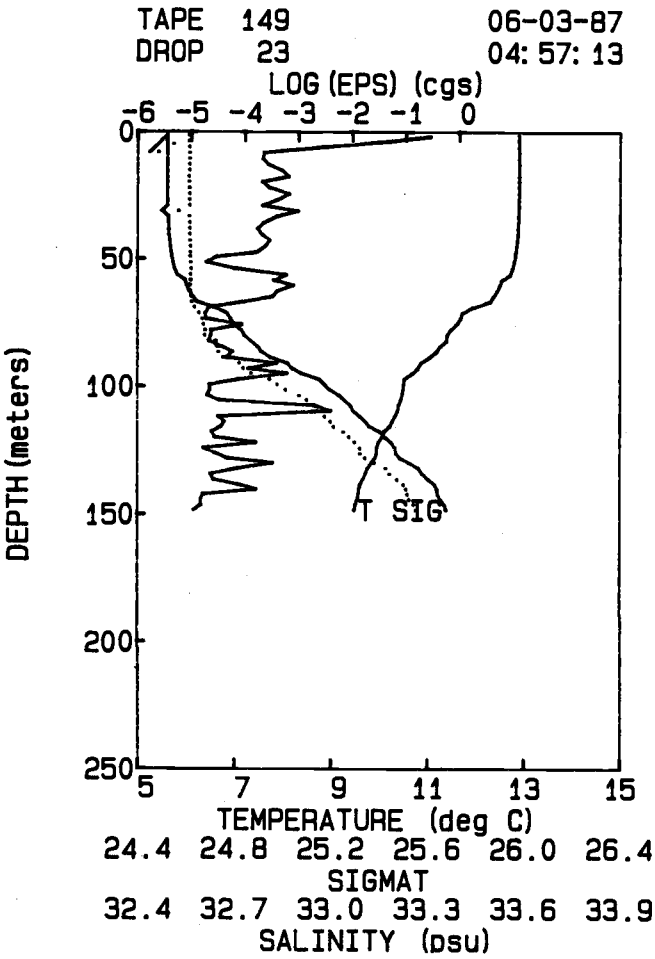

TAPE 149
DROP 18
06-03-87
04: 15: 57
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0 50 100 150 200 250
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

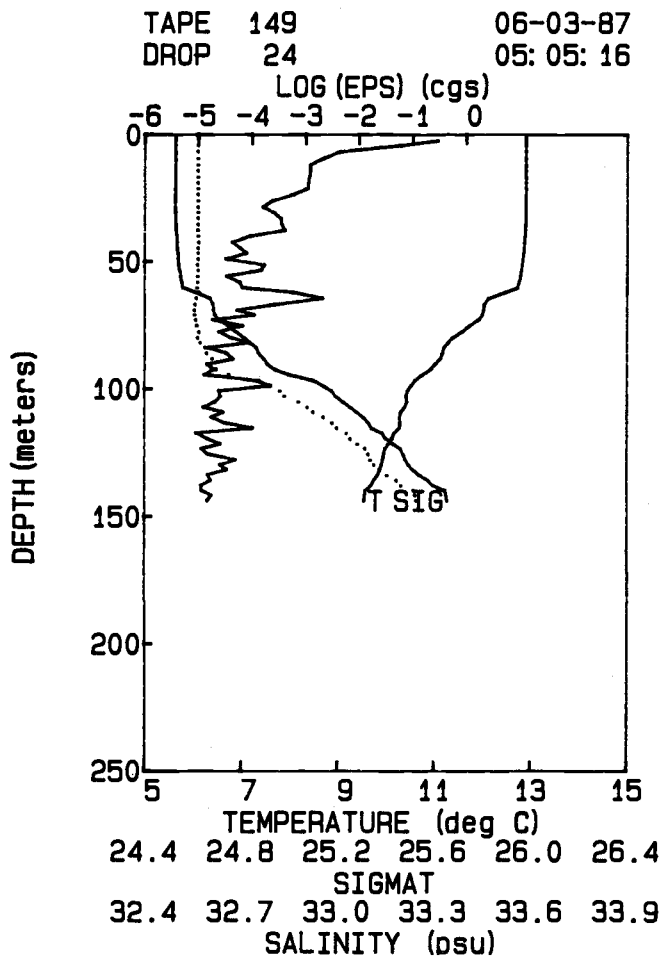

TAPE 149
DROP 19
06-03-87
04: 22: 57
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0 50 100 150 200 250
TSIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

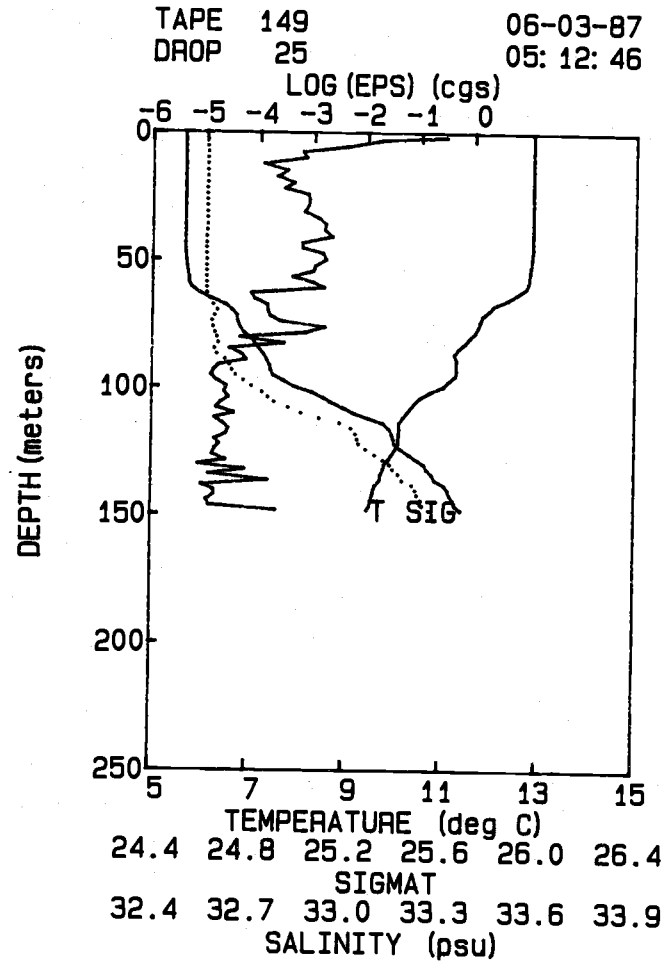

TAPE 149
DROP 20
06-03-87
04: 29: 52
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0 50 100 150 200 250
T SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

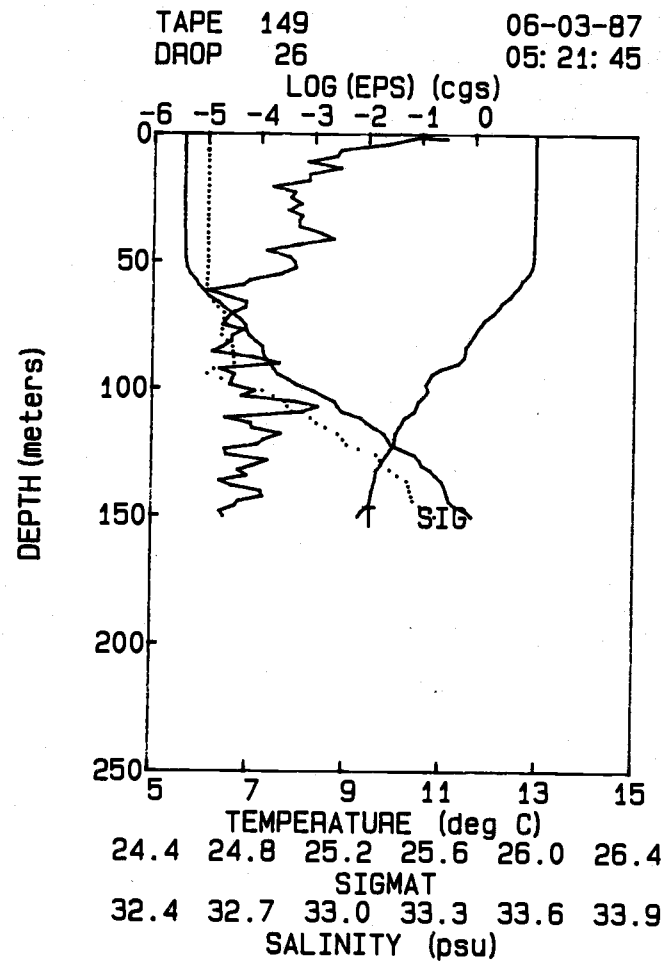

TAPE 149
DROP 21
06-03-87
04: 37: 06
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

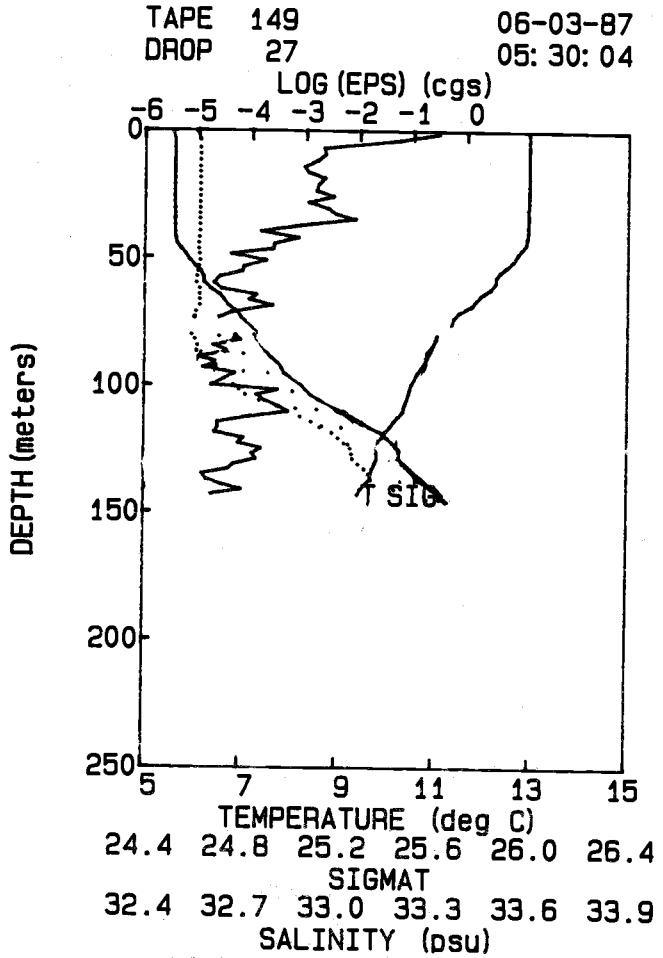

TAPE 149
DROP 22
06-03-87
04: 49: 36
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

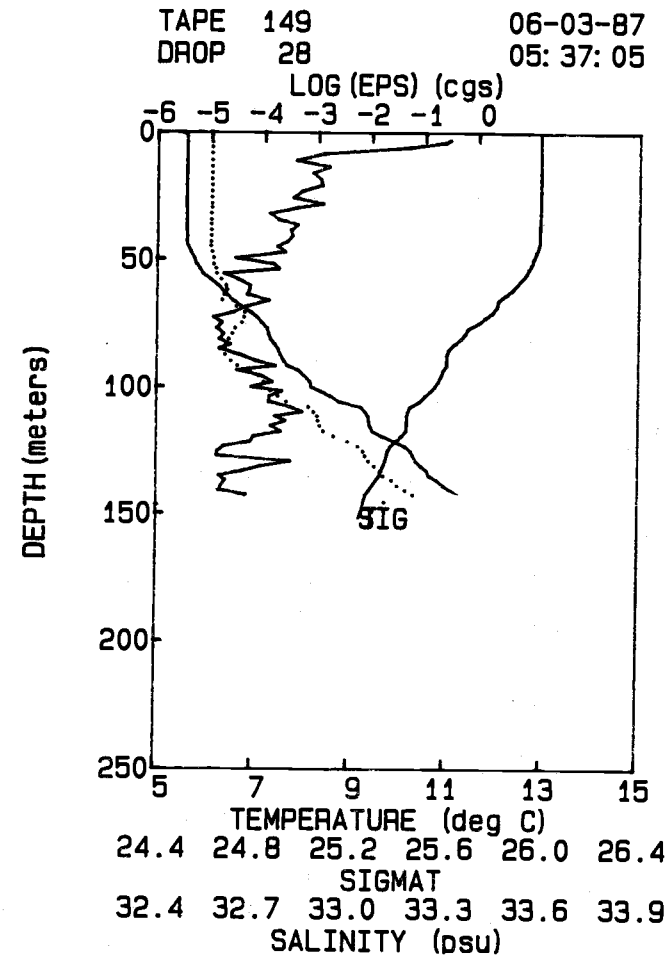

TAPE 149
DROP 23
06-03-87
04: 57: 13
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

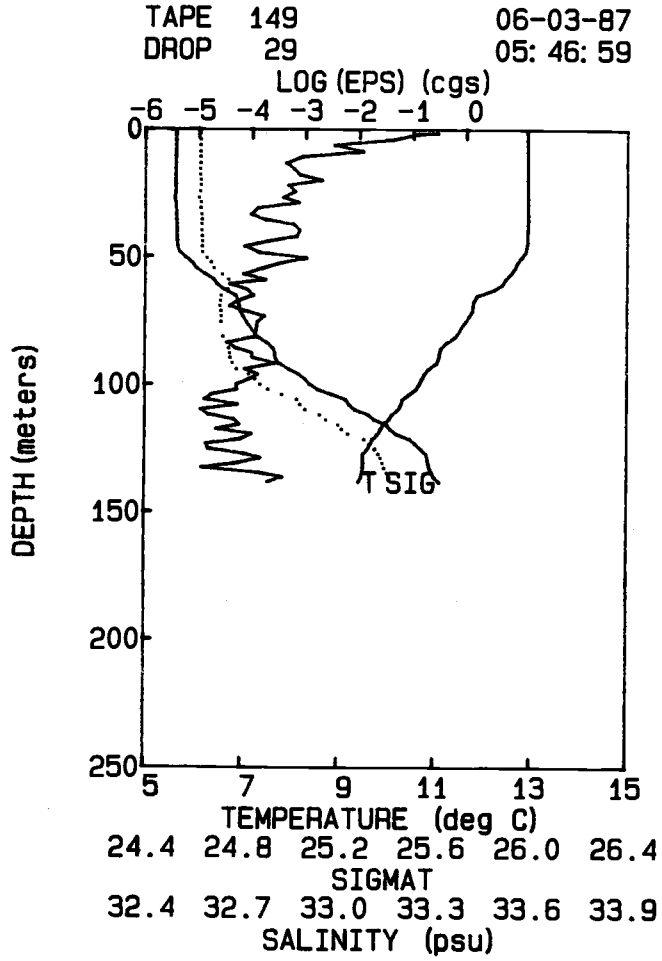

TAPE 149
DROP 24
06-03-87
05: 05: 16
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

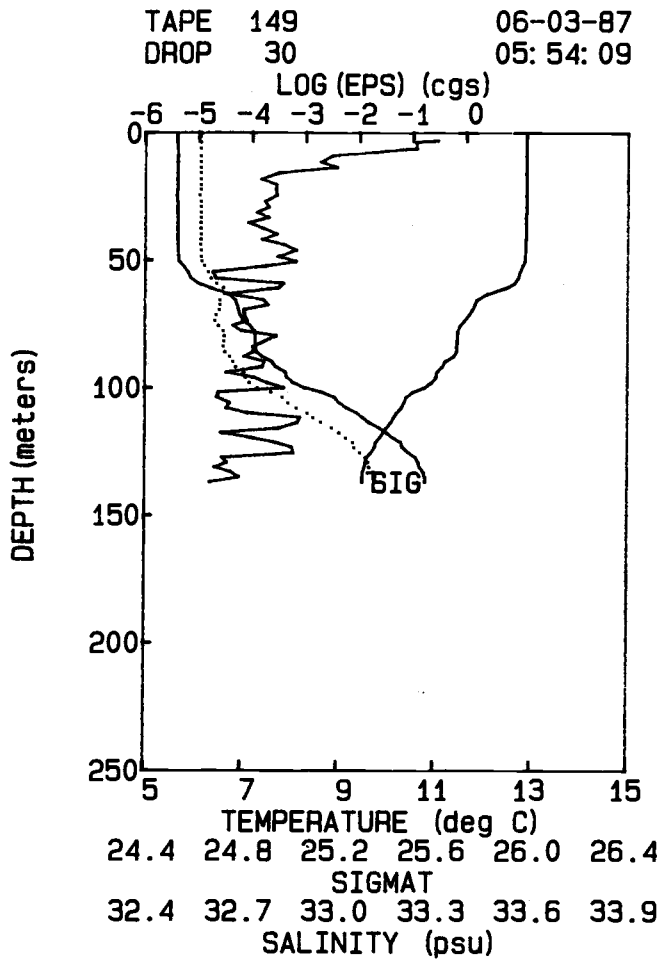

TAPE 149
DROP 25
06-03-87
05: 12: 46
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

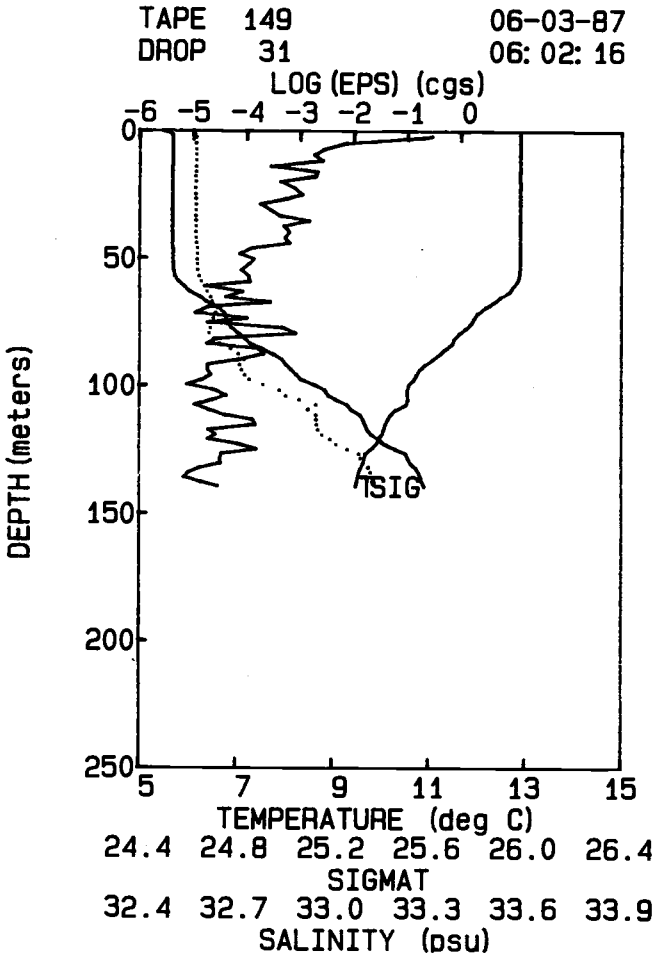

TAPE 149
DROP 26
06-03-87
05: 21: 45
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

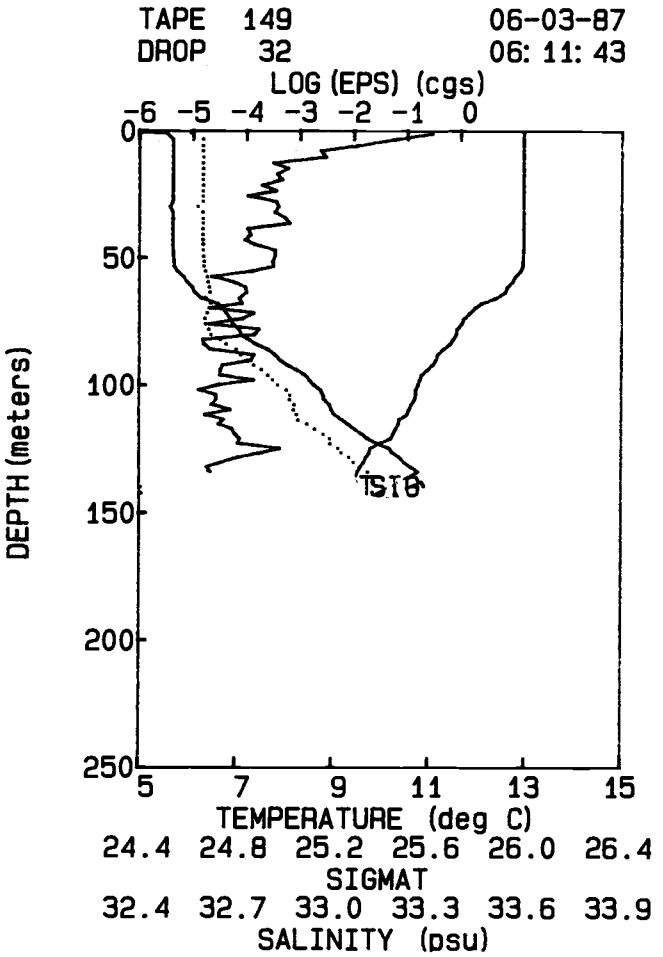

TAPE 149
DROP 27
06-03-87
05: 30: 04
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

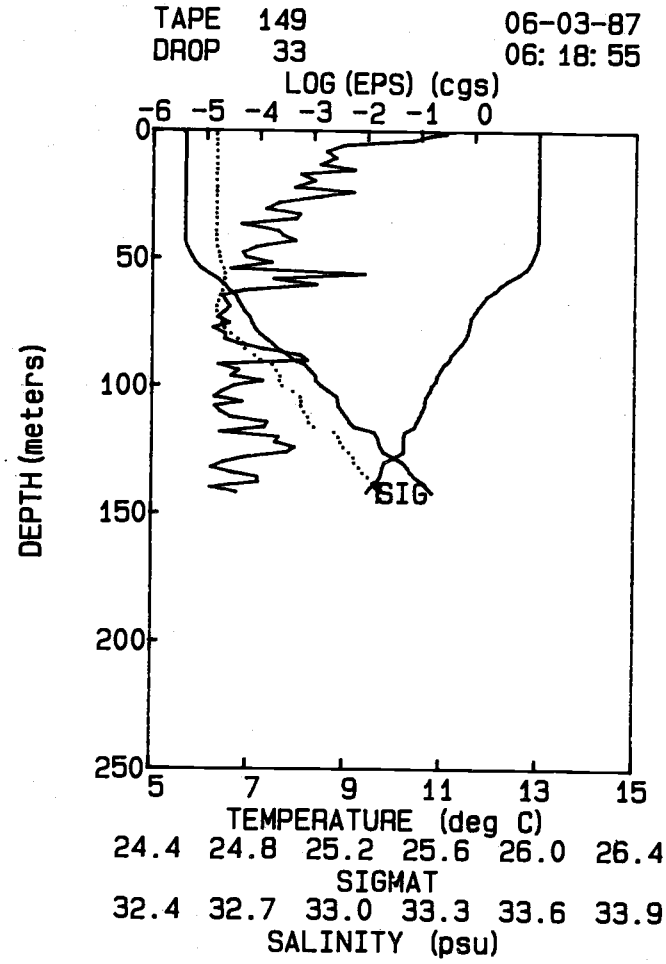

TAPE 149
DROP 28
06-03-87
05: 37: 05
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

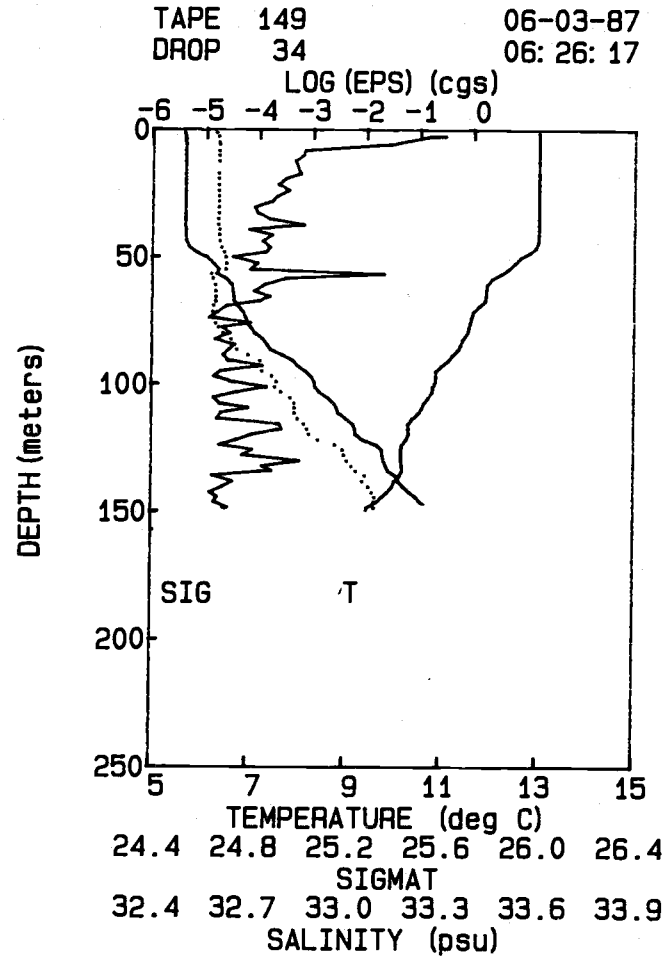

TAPE 149
DROP 29
06-03-87
05: 46: 59
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

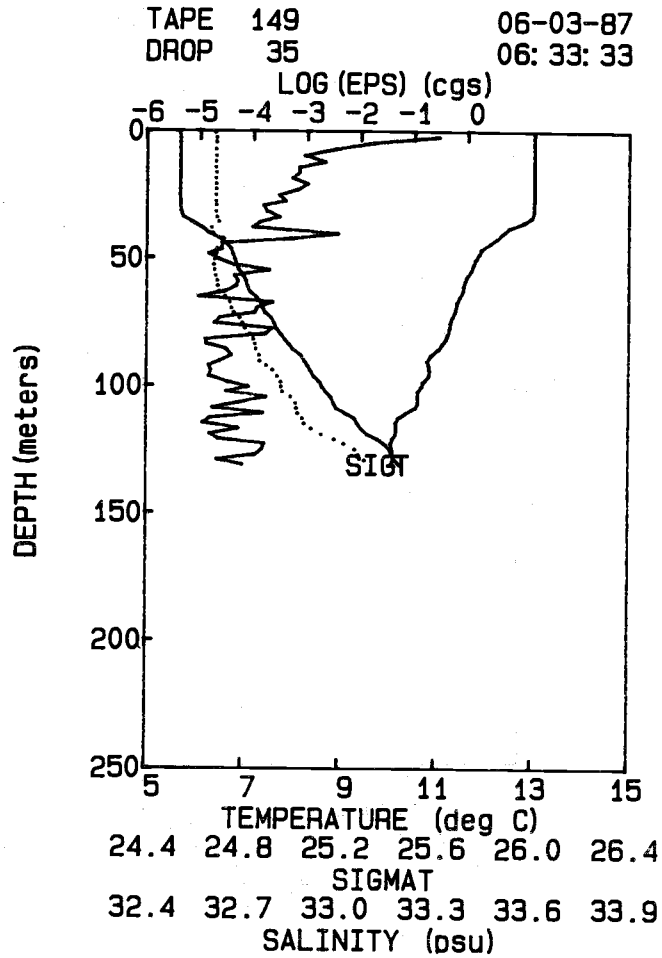

TAPE 149
DROP 30
06-03-87
05: 54: 09
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

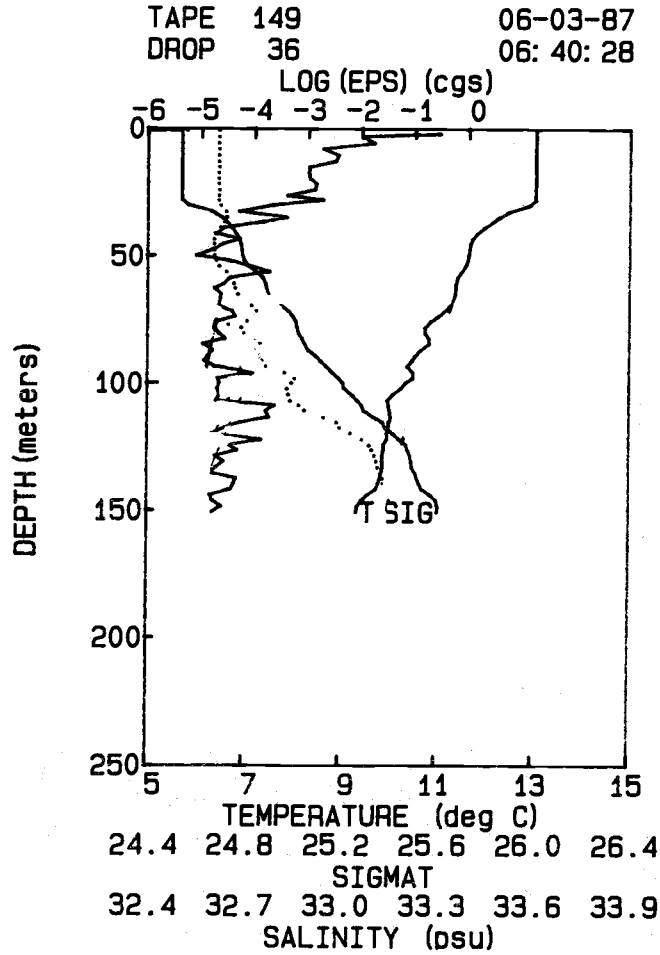

TAPE 149
DROP 31
06-03-87
06: 02: 16
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

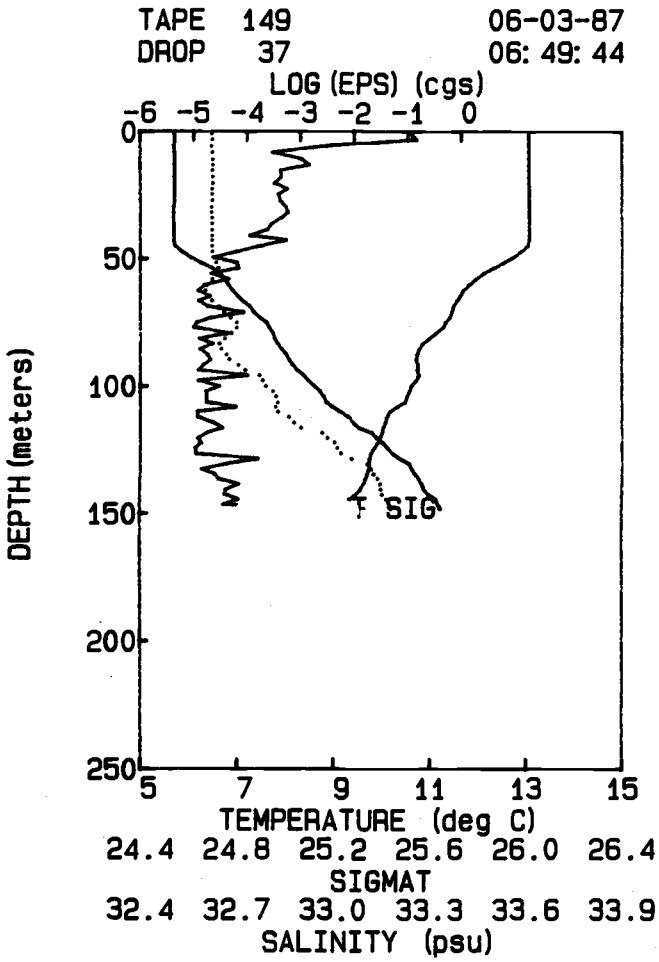

TAPE 149
DROP 32
06-03-87
06: 11: 43
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

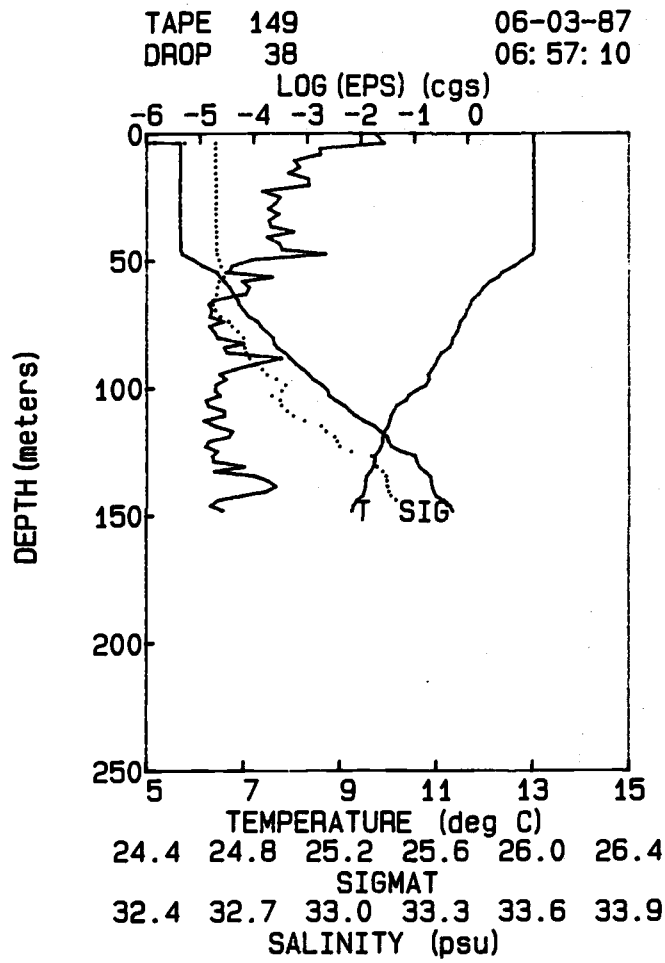

TAPE 149
DROP 33
06-03-87
06: 18: 55
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

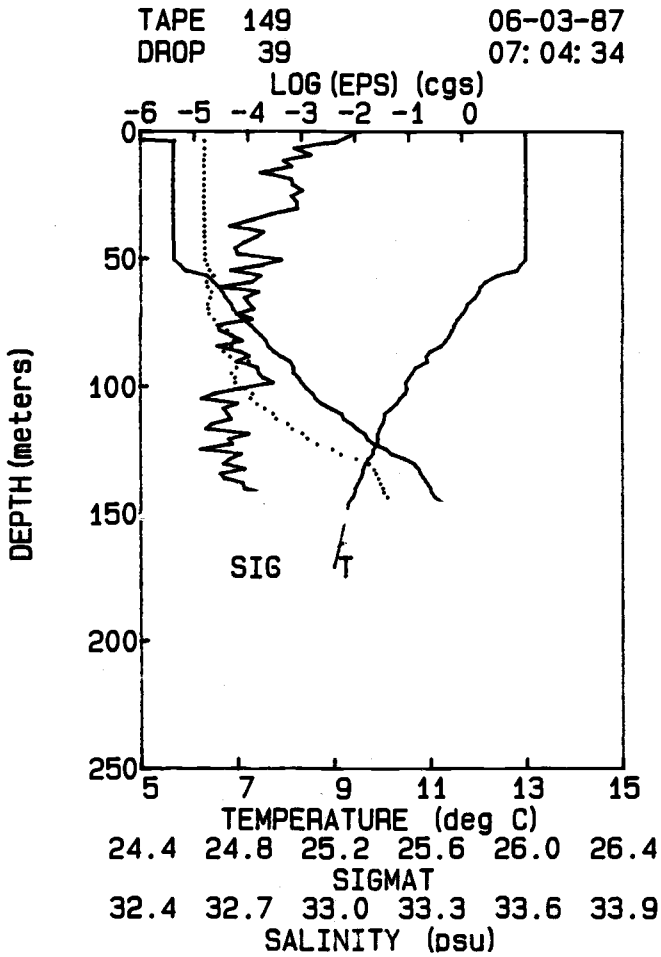

TAPE 149
DROP 34
06-03-87
06: 26: 17
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
SIG
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

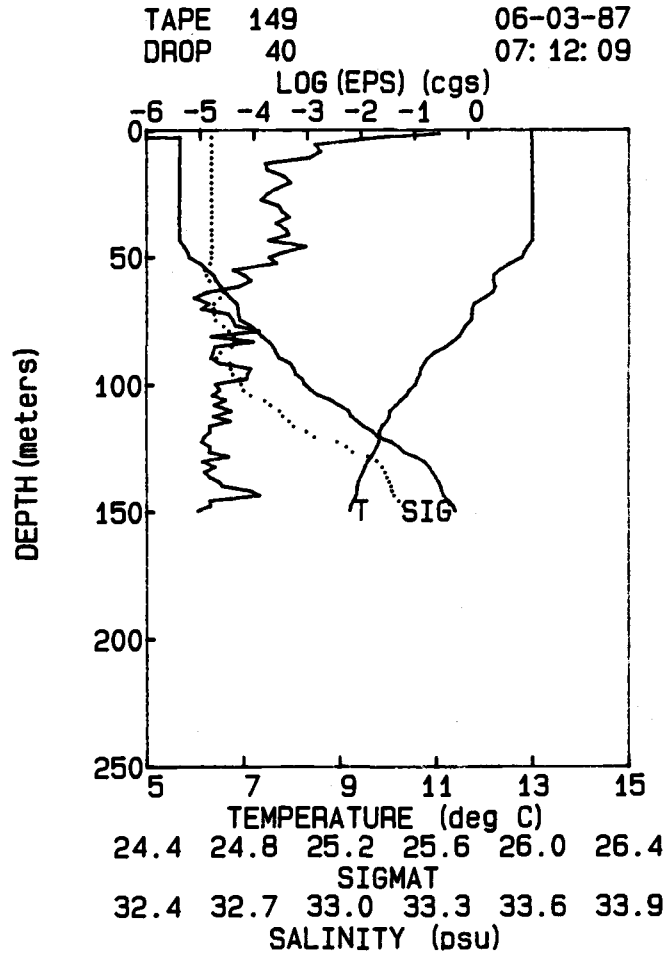

TAPE 149
DROP 35
06-03-87
06: 33: 33
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
SIGT
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

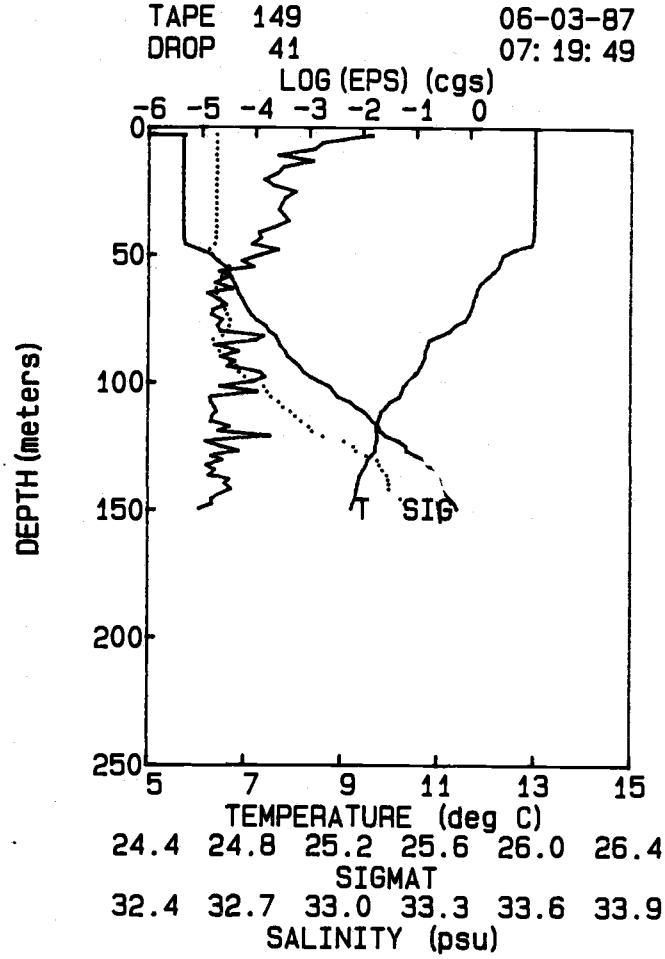

TAPE 149
DROP 36
06-03-87
06: 40: 28
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

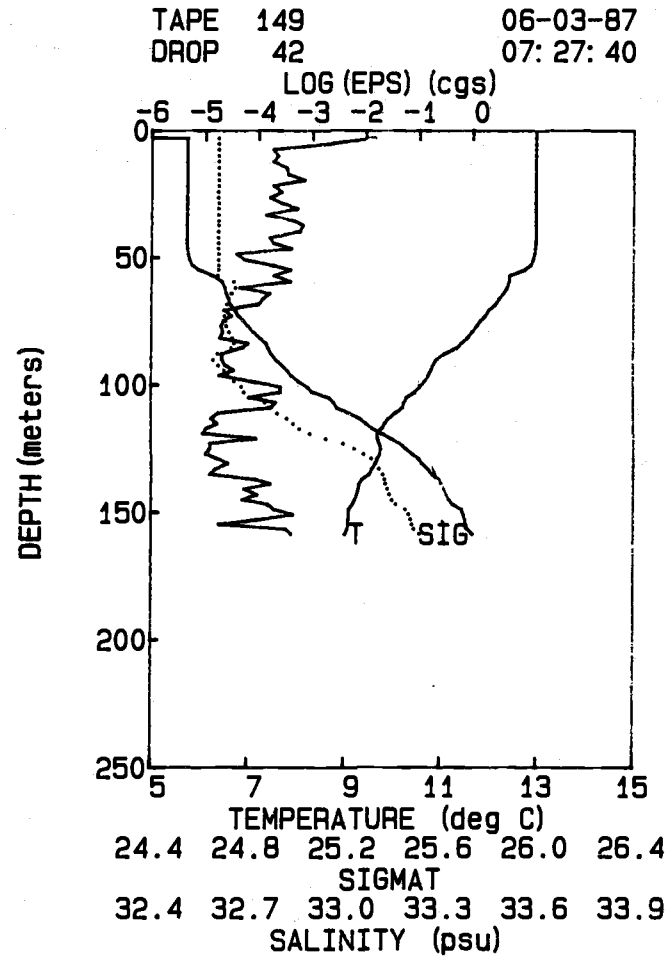

TAPE 149
DROP 37
06-03-87
06: 49: 44
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

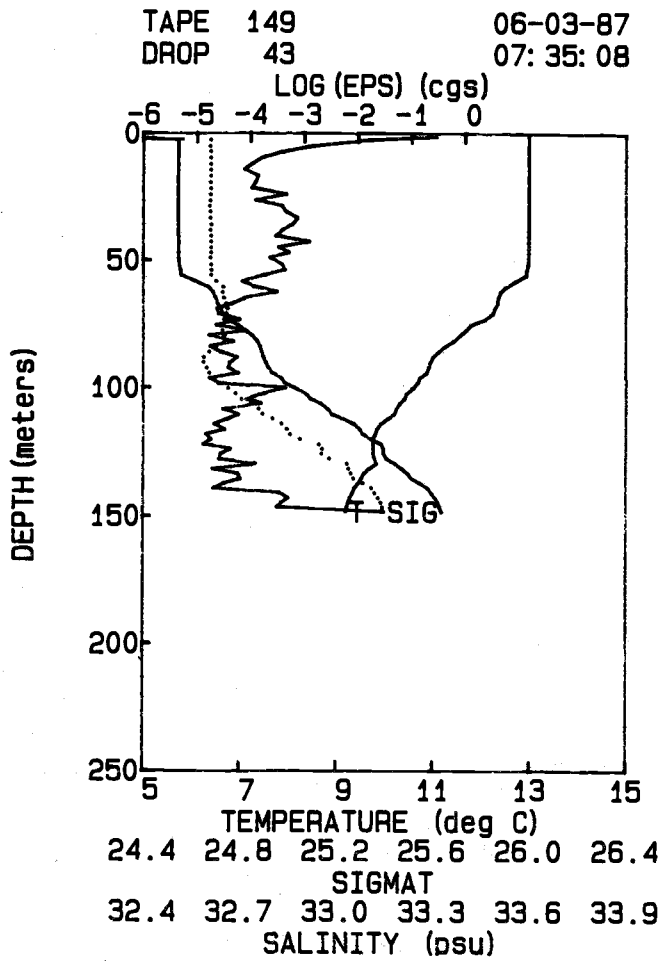

TAPE 149
DROP 38
06-03-87
06: 57: 10
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

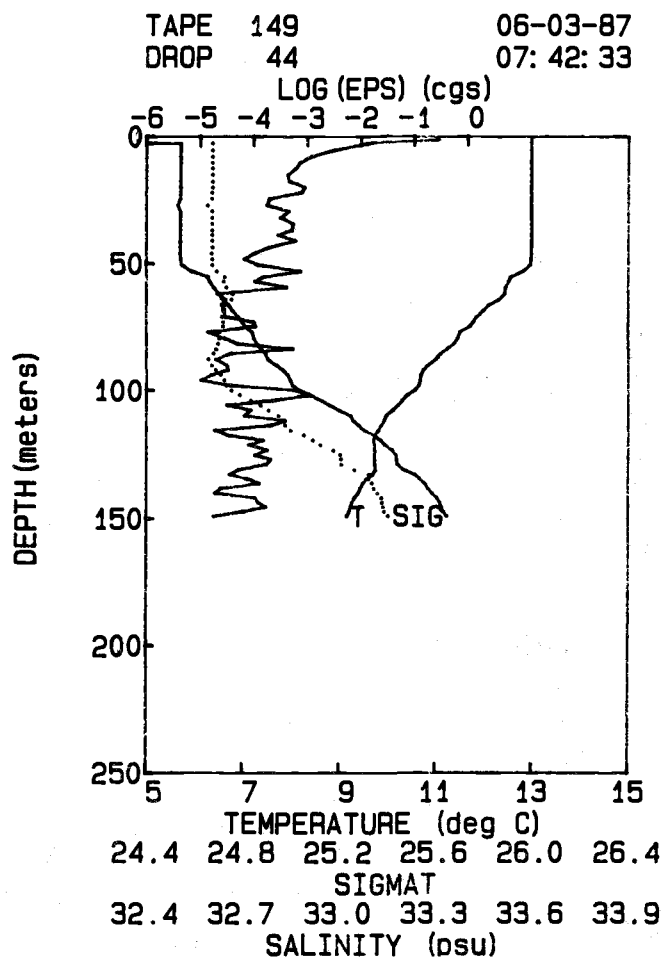

TAPE 149
DROP 39
06-03-87
07: 04: 34
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
SIG
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 149
DROP 40
06-03-87
07: 12: 09
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

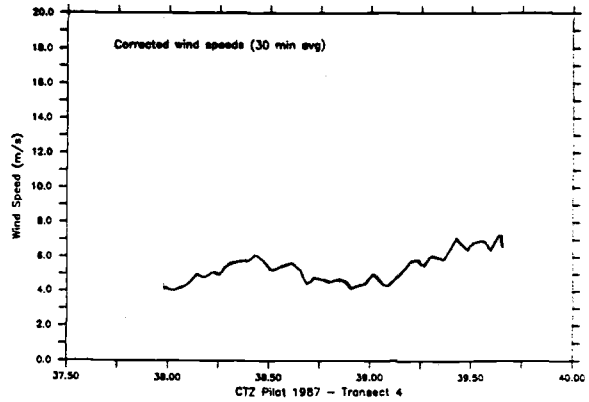

TAPE 149
DROP 41
06-03-87
07: 19: 49
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

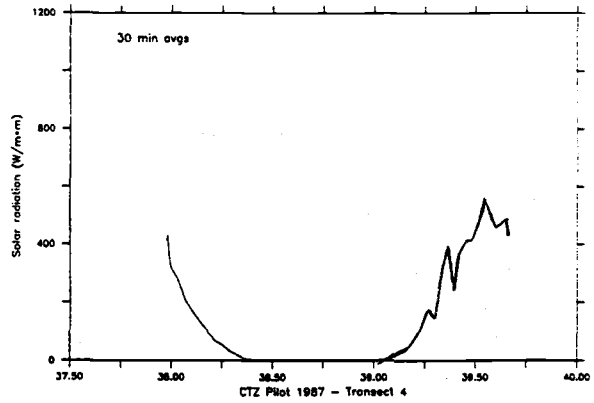

TAPE 149
DROP 42
06-03-87
07: 27: 40
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

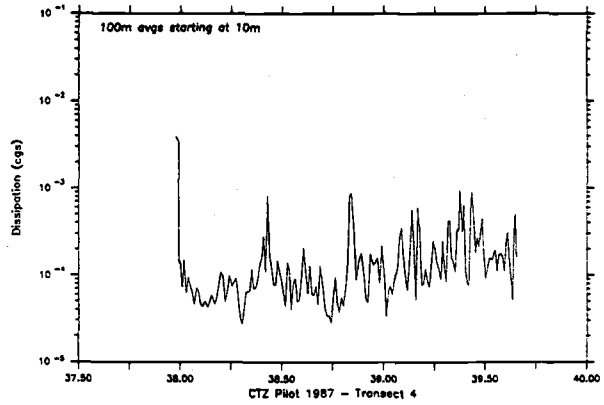

TAPE 149
DROP 43
06-03-87
07: 35: 08
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

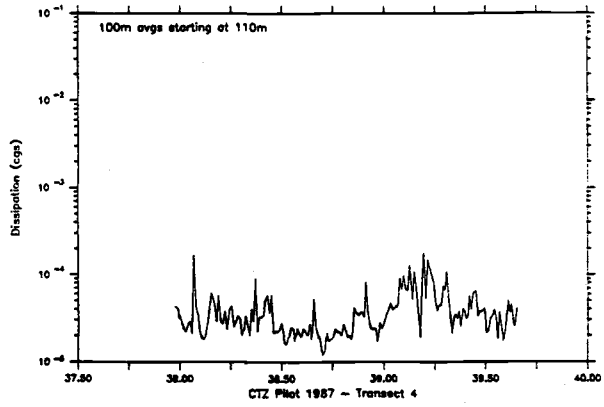

TAPE 149
DROP 44
06-03-87
07: 42: 33
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

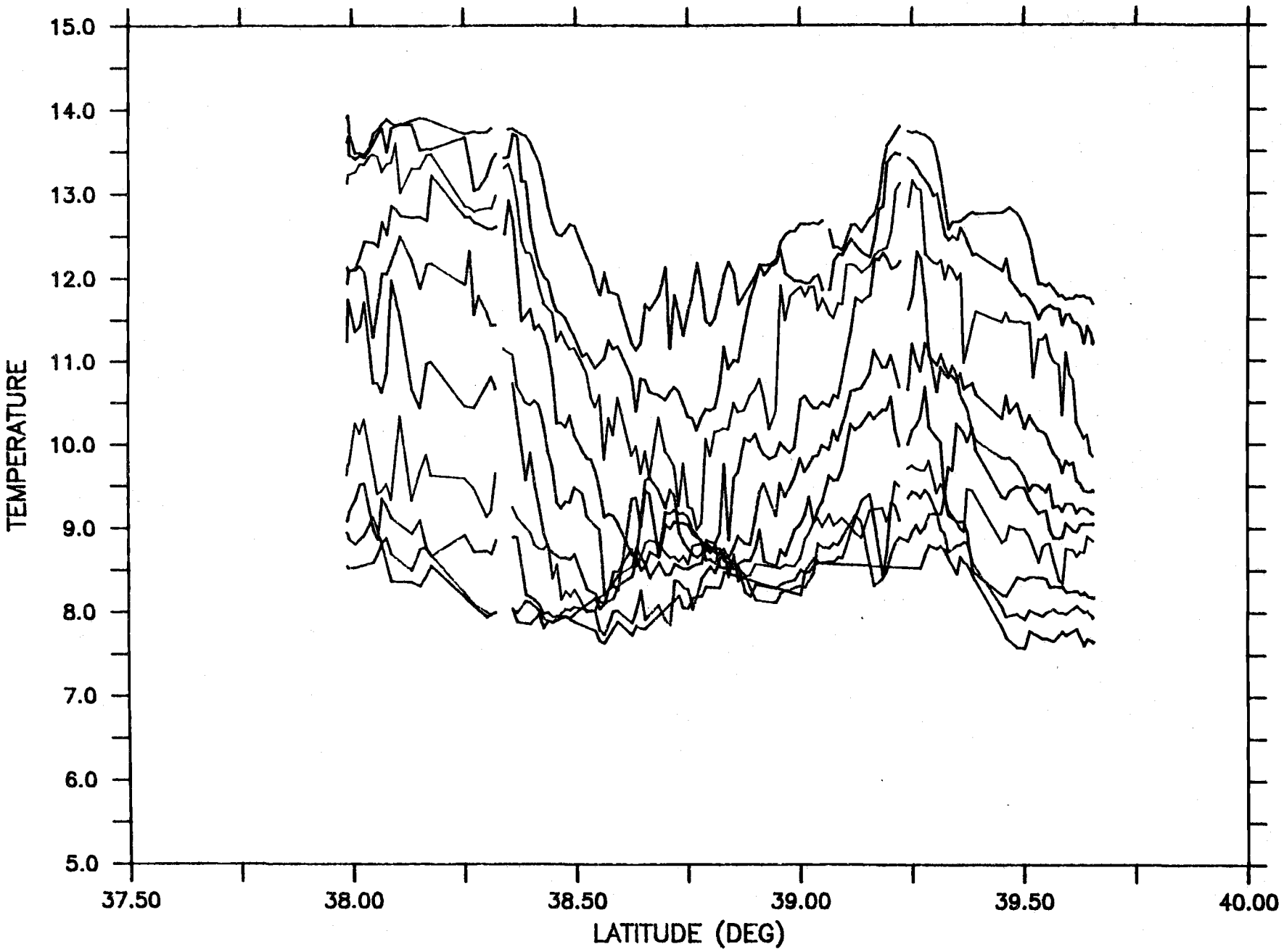
TRANSECT 4


Corrected wind speeds (30 min avg)
Wind Speed (m/s)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
37.50
38.00
38.50
39.00
39.50
40.00
CTZ Pilot 1987 – Transect 4

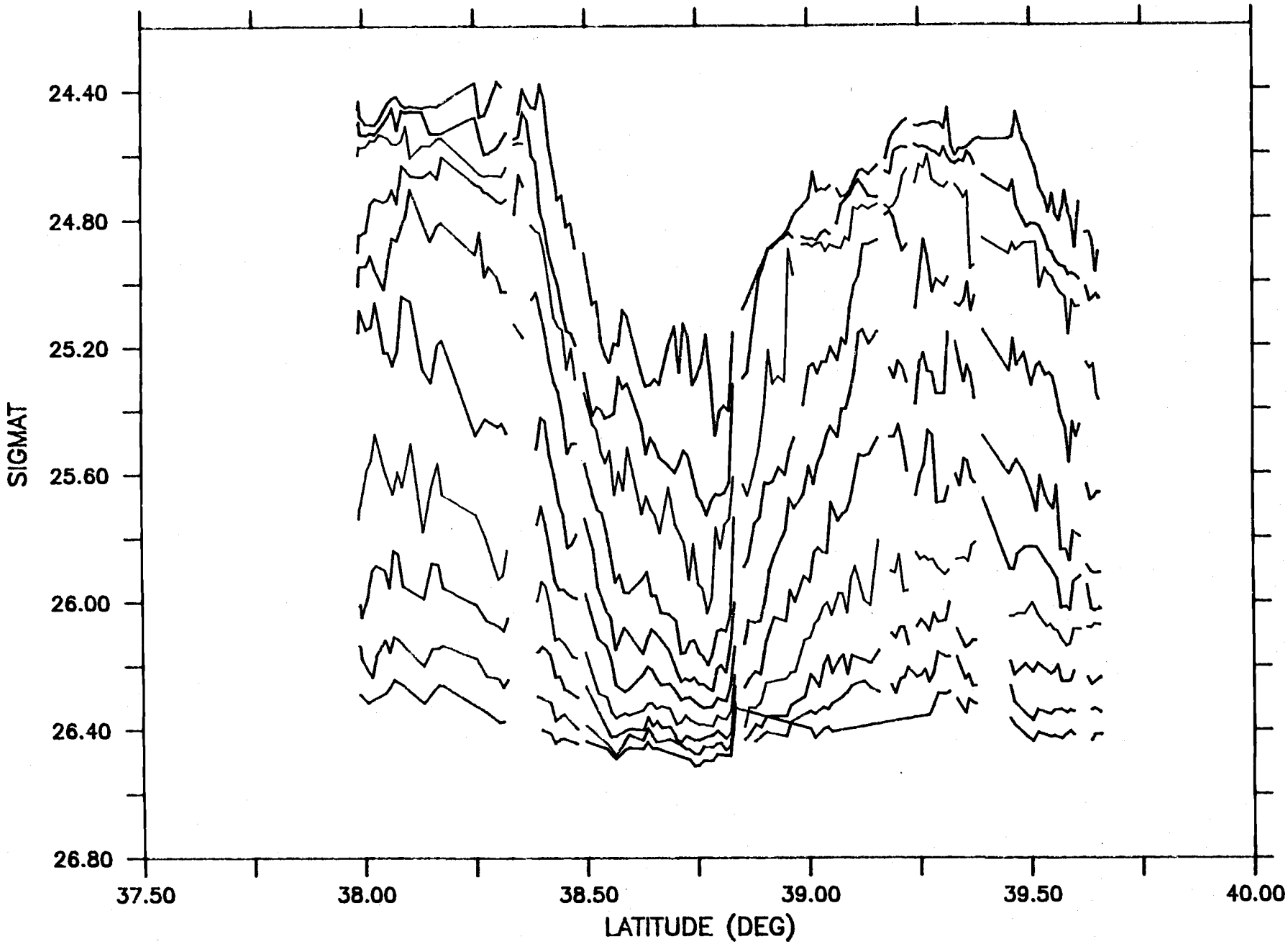

30 min avgs
Solar radiation (W/m•m)
1200
800
400
0
37.50
38.00
38.50
39.00
39.50
40.00
CTZ Pilot 1987 – Transect 4


100m avgs starting at 10m
Dissipation (cgs)
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
37.50
38.00
38.50
39.00
39.50
40.00
CTZ Pilot 1987 – Transect 4

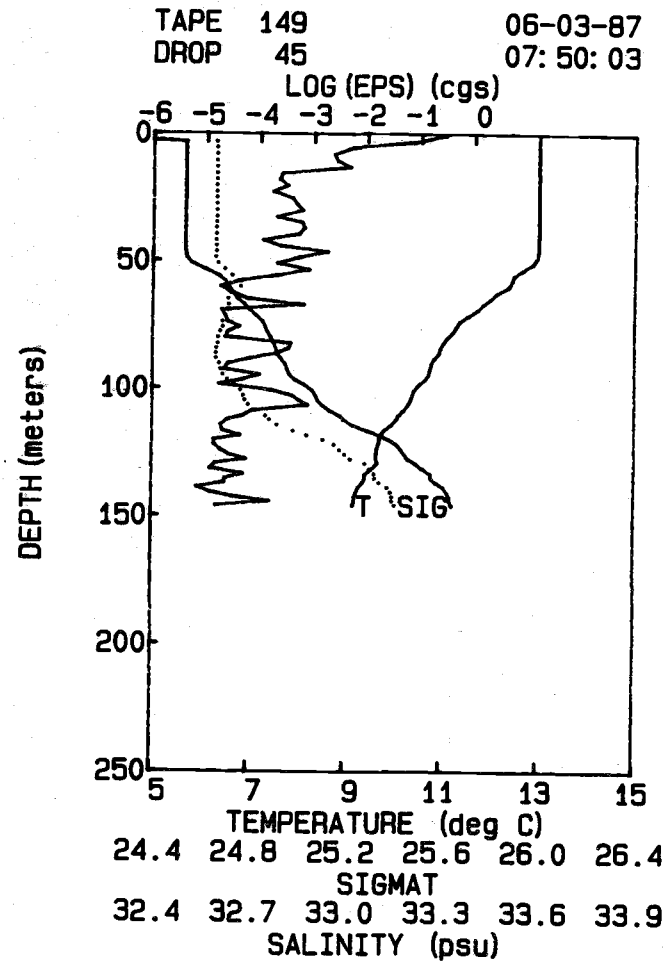

100m avgs starting at 110m
Dissipation (cgs)
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
37.50
38.00
38.50
39.00
39.50
40.00
CTZ Pilot 1987 – Transect 4

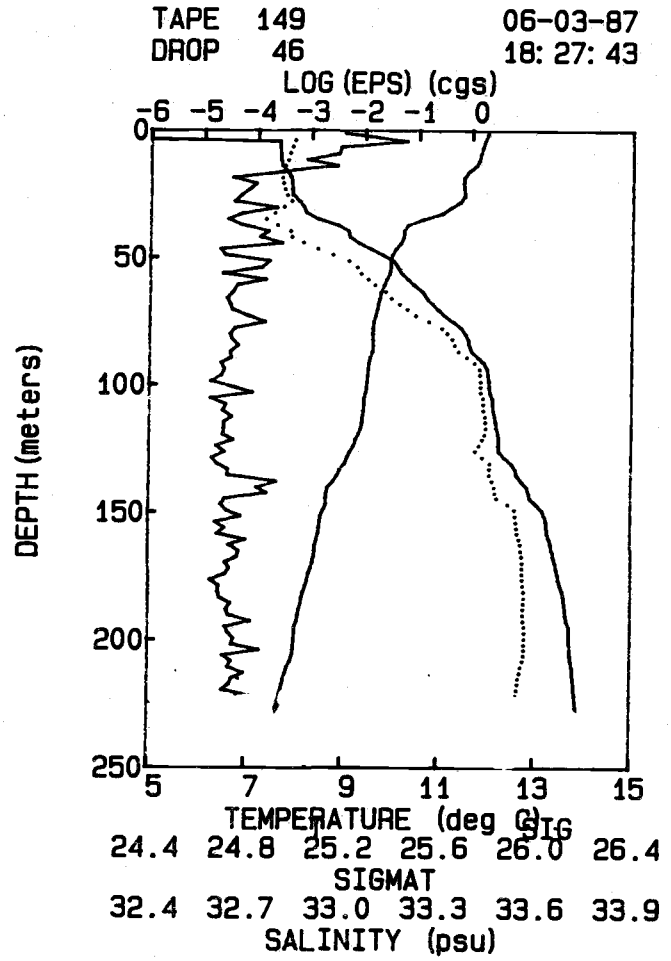

15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
TEMPERATURE
37.50
38.00
38.50
39.00
39.50
40.00
LATITUDE (DEG)

TRANSECT 4


24.40
24.80
25.20
25.60
26.00
26.40
26.80
SIGMAT
37.50
38.00
38.50
39.00
39.50
40.00
LATITUDE (DEG)

TRANSECT 4


TAPE 149
DROP 45
06-03-87
07: 50: 03
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 149
DROP 46
06-03-87
18: 27: 43
LOG (EPS) (cgs)
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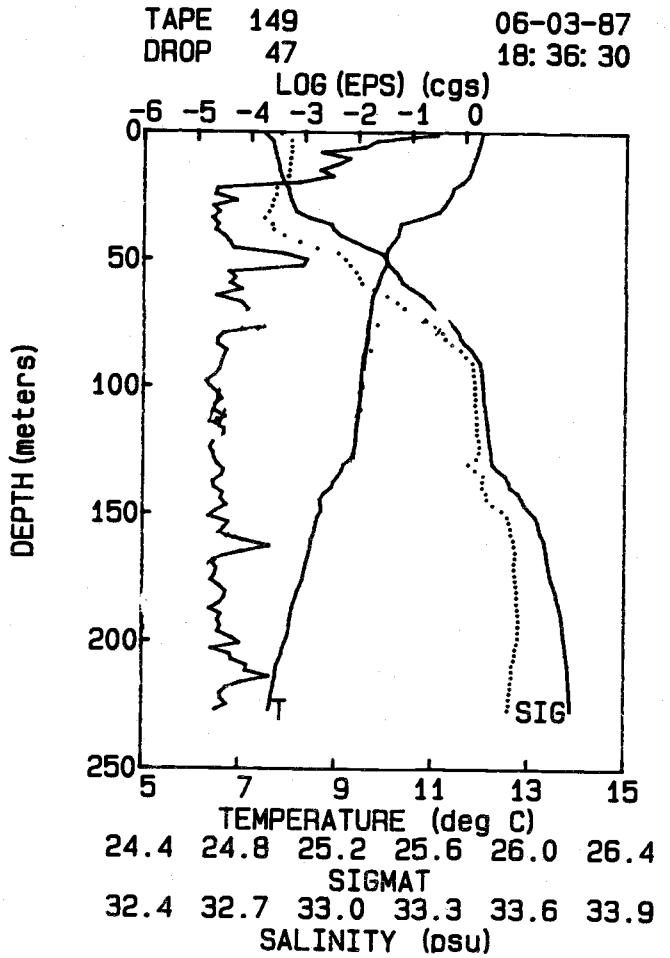
DEPTH (meters)
0
50
100
150
200
250
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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06-03-87
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DEPTH (meters)
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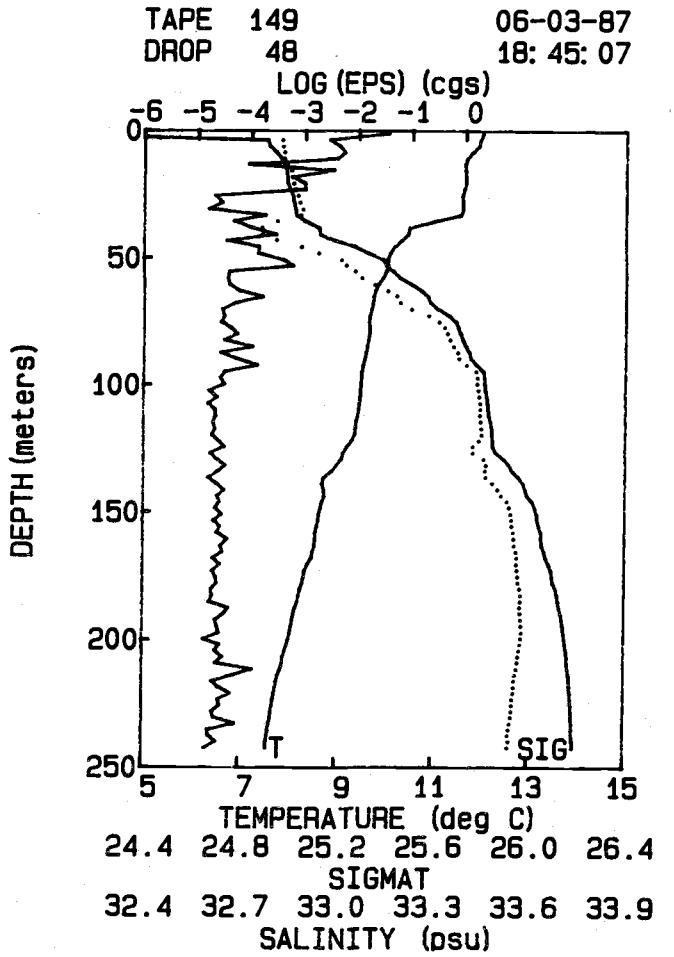
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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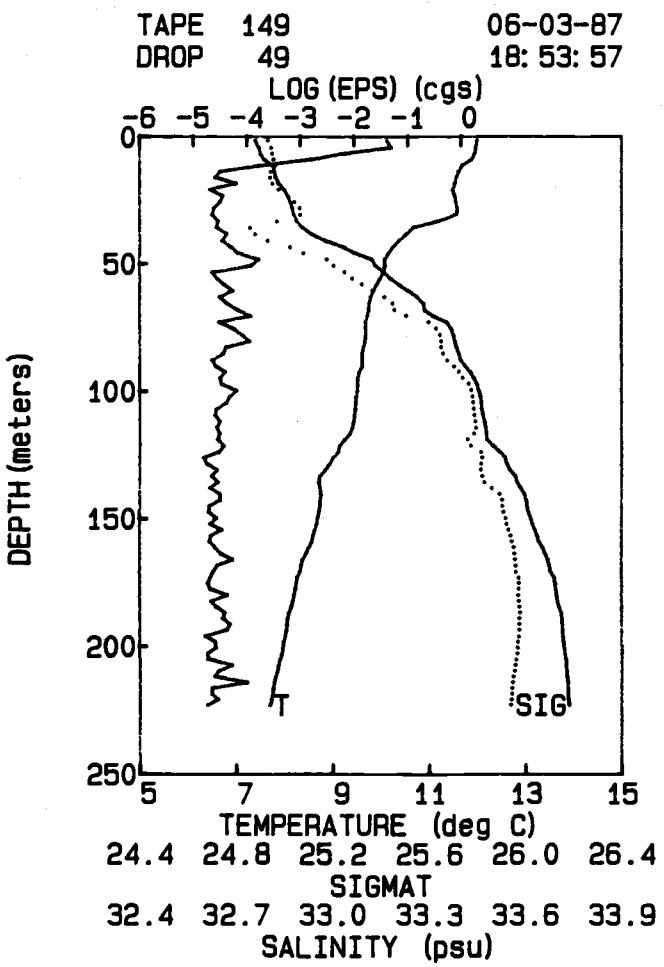
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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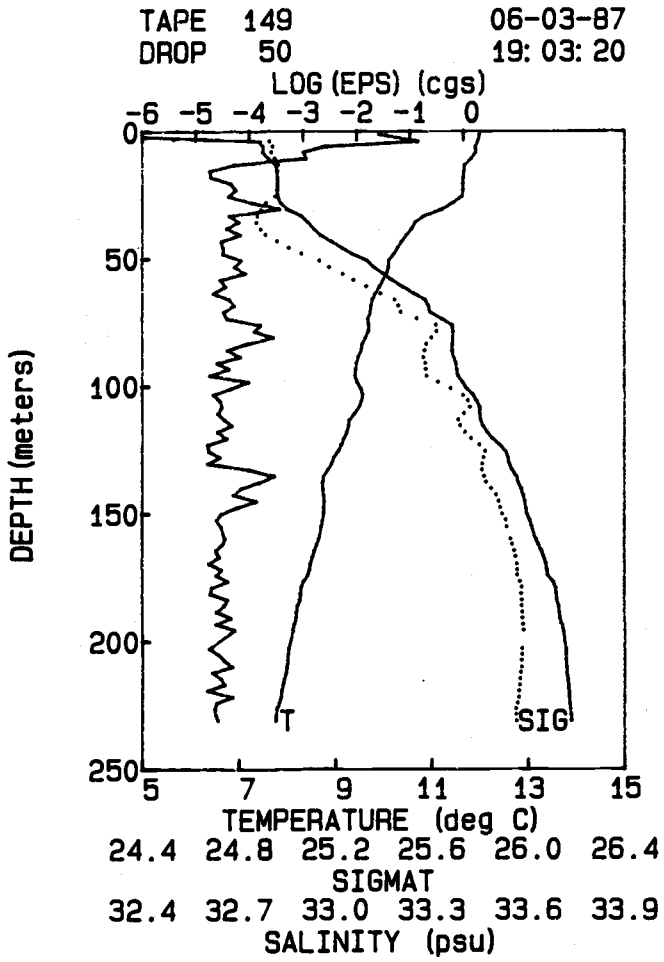
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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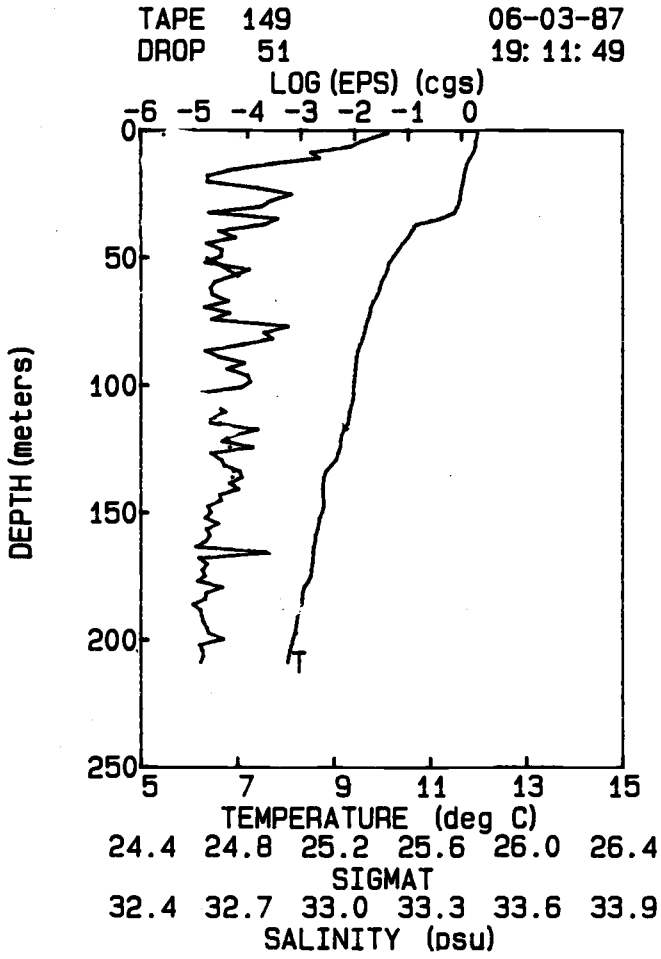
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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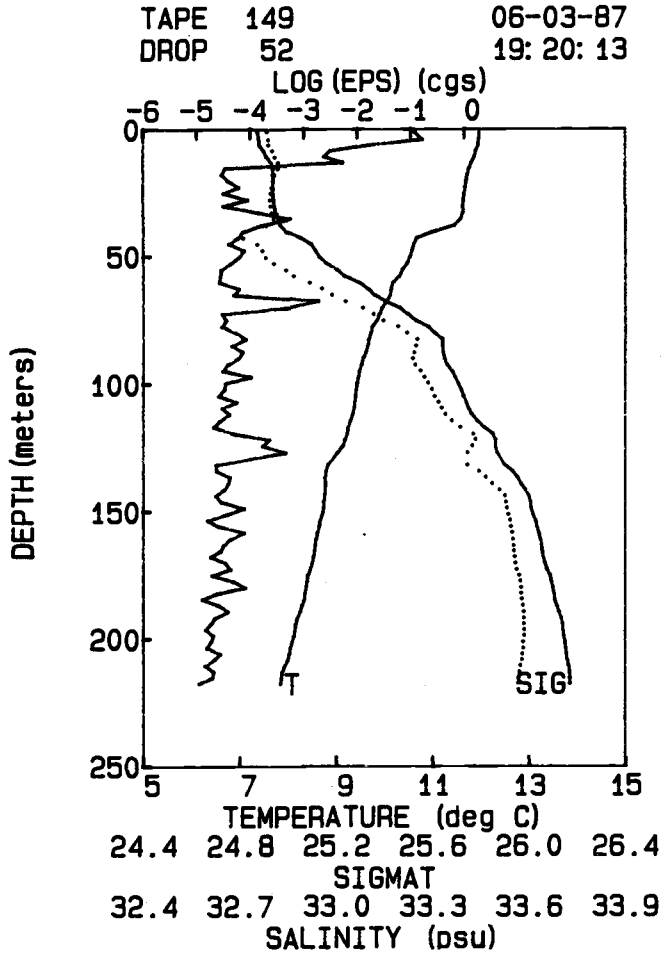
100
150
200
250
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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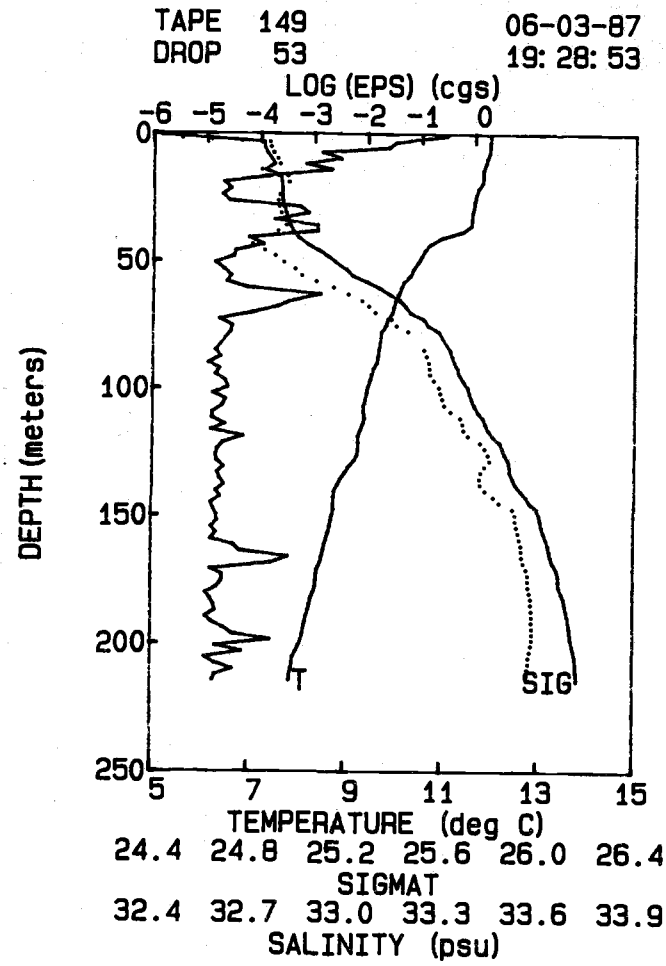
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 53
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LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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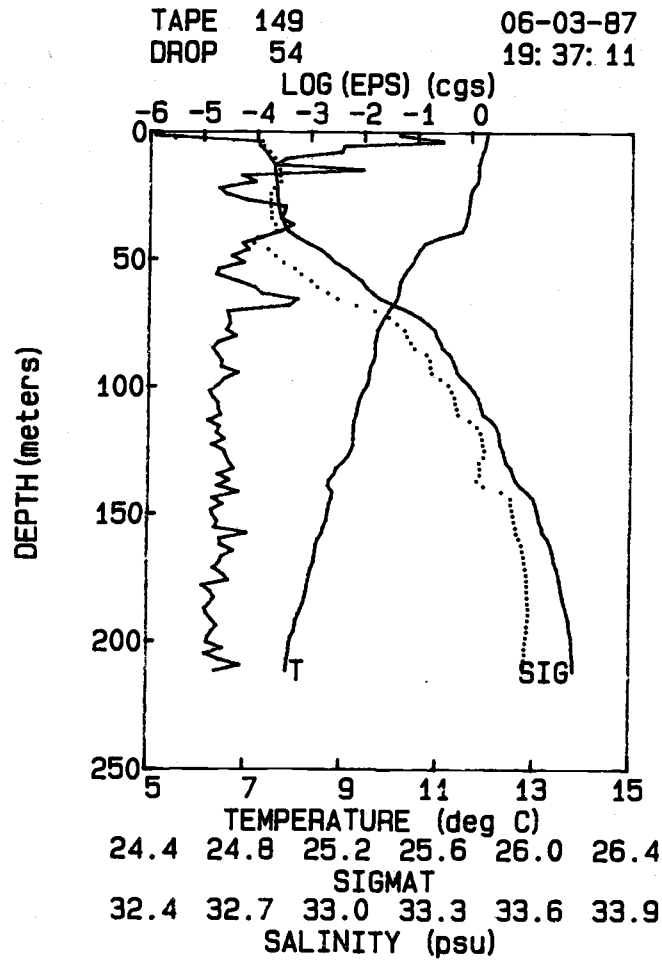
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 54
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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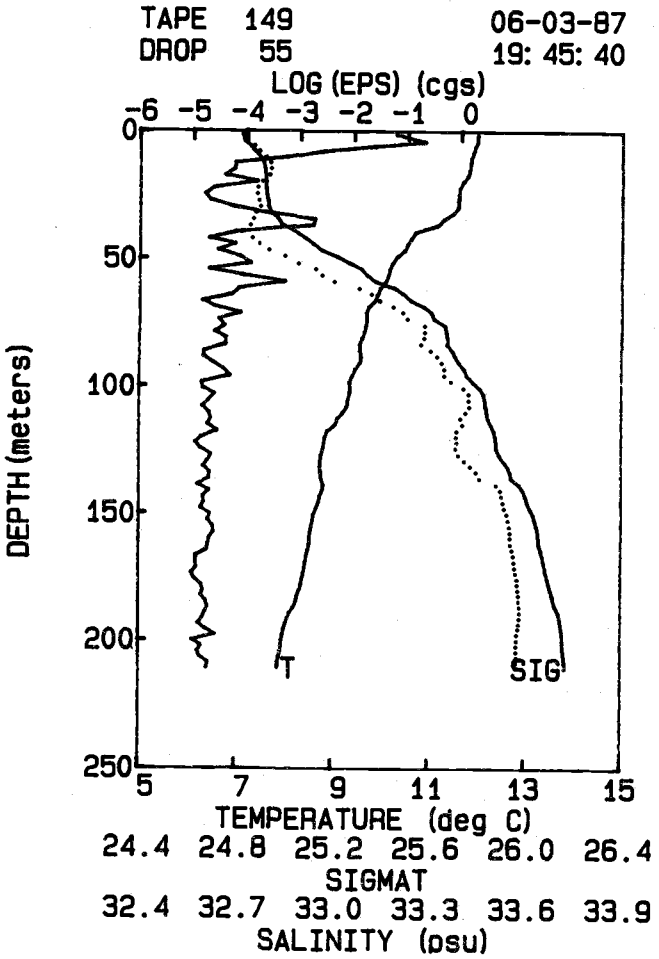
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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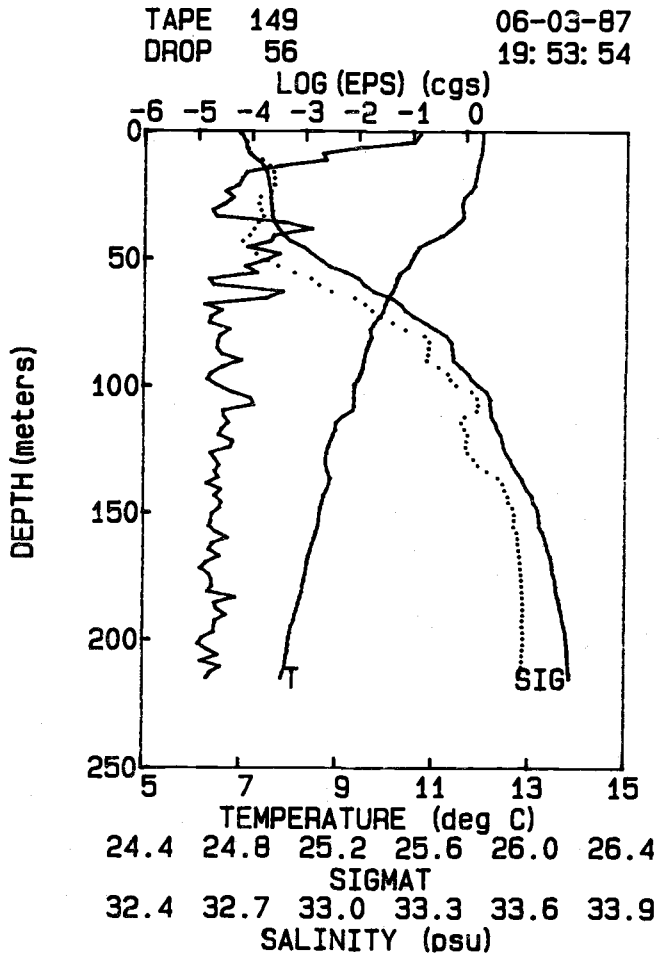
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 56
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DEPTH (meters)
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100
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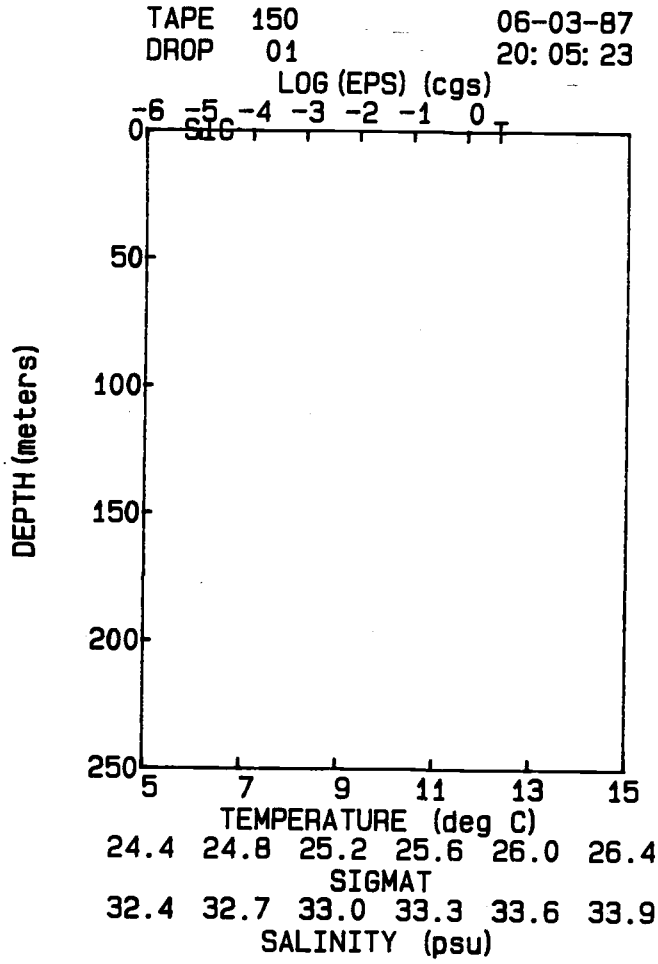
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 01
06-03-87
20: 05: 23
LOG (EPS) (cgs)
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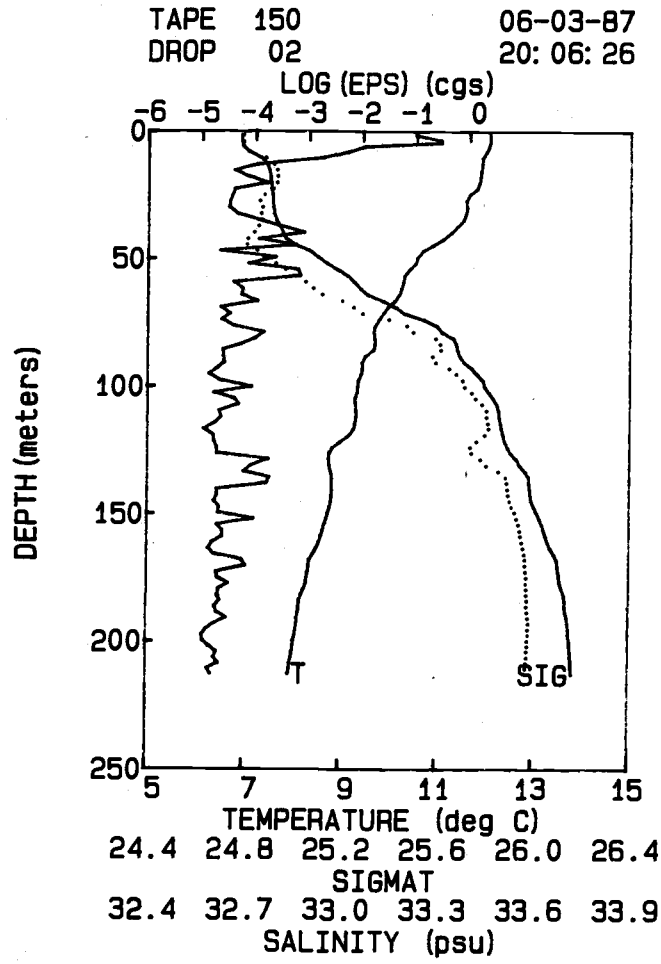
SIG
T
DEPTH (meters)
0
50
100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 02
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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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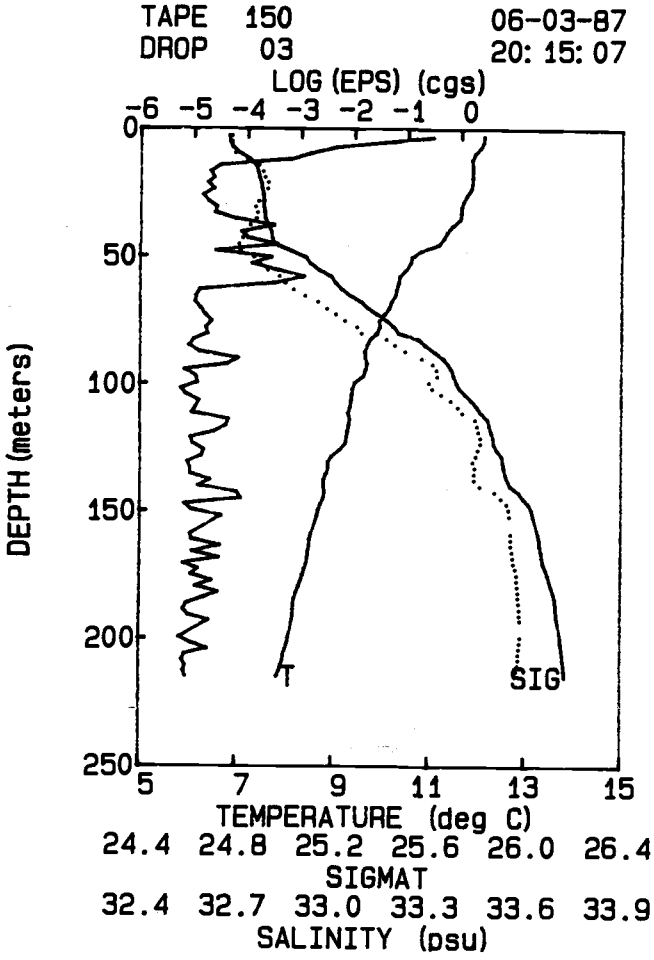
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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100
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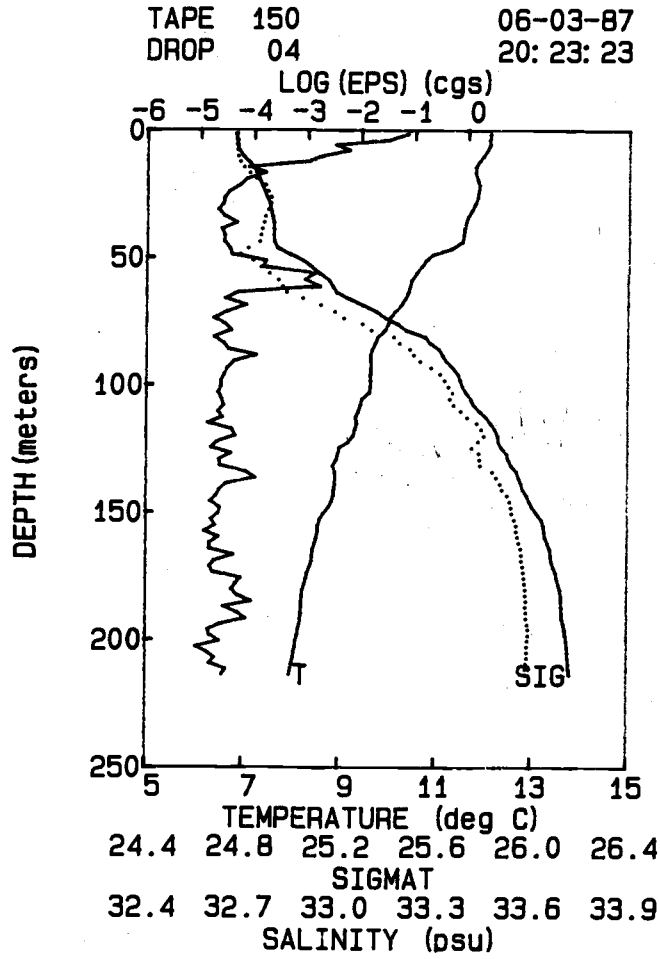
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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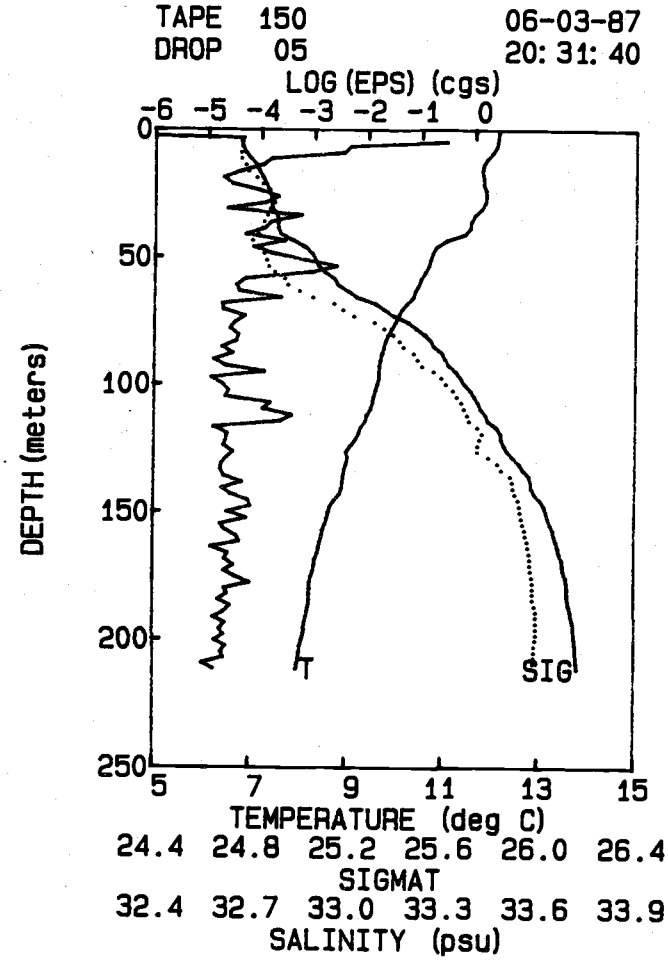
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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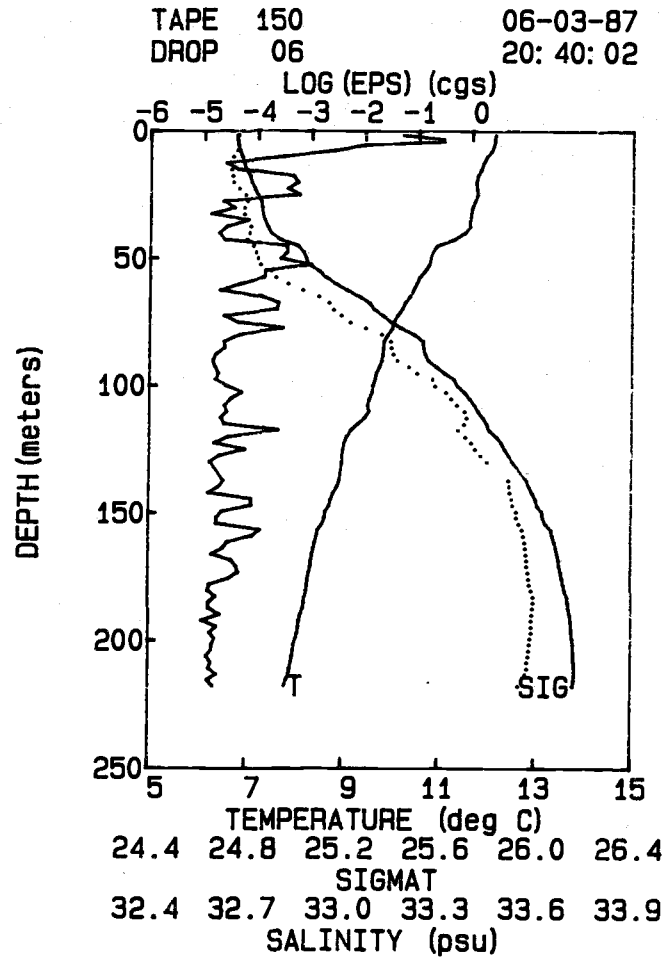
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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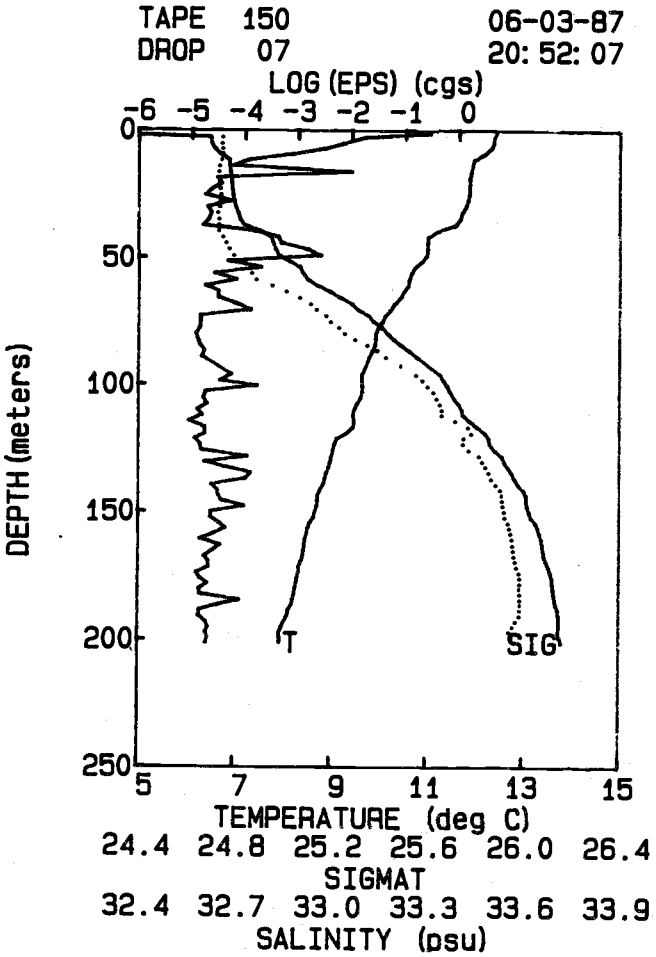
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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200
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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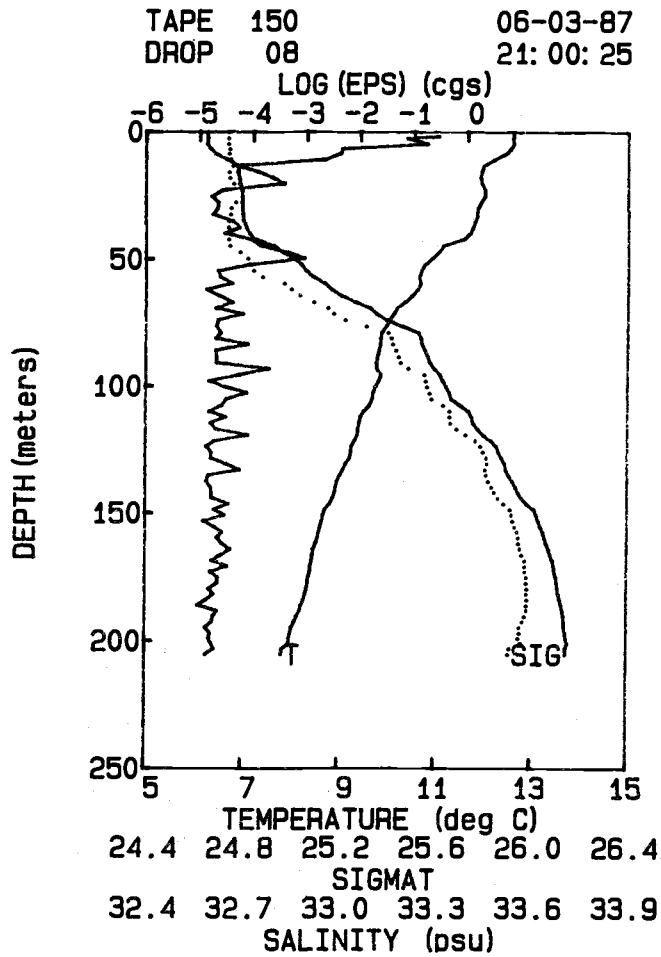
SALINITY (psu)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250
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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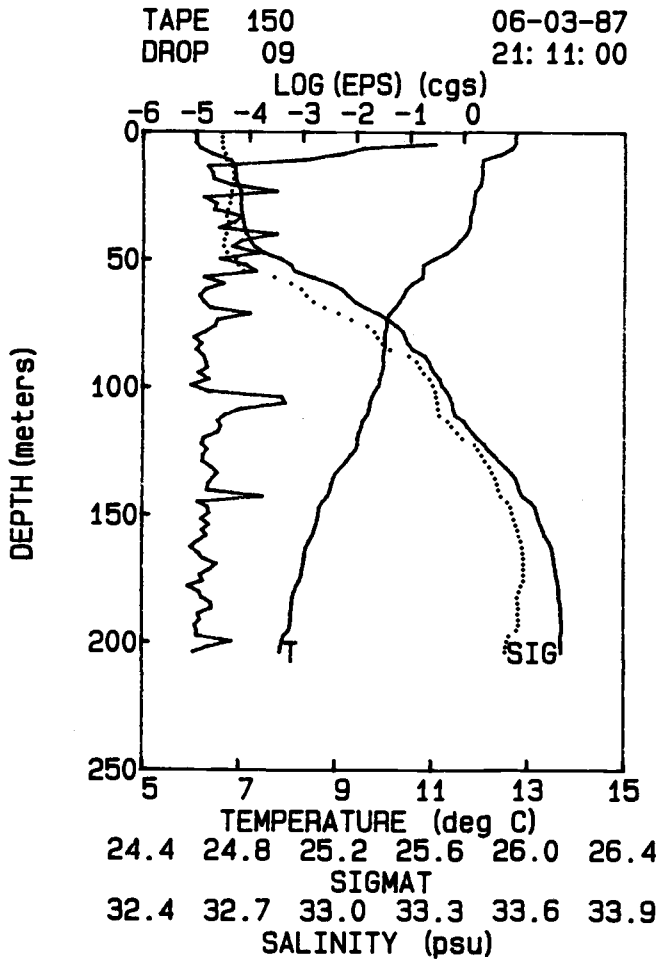
SALINITY (psu)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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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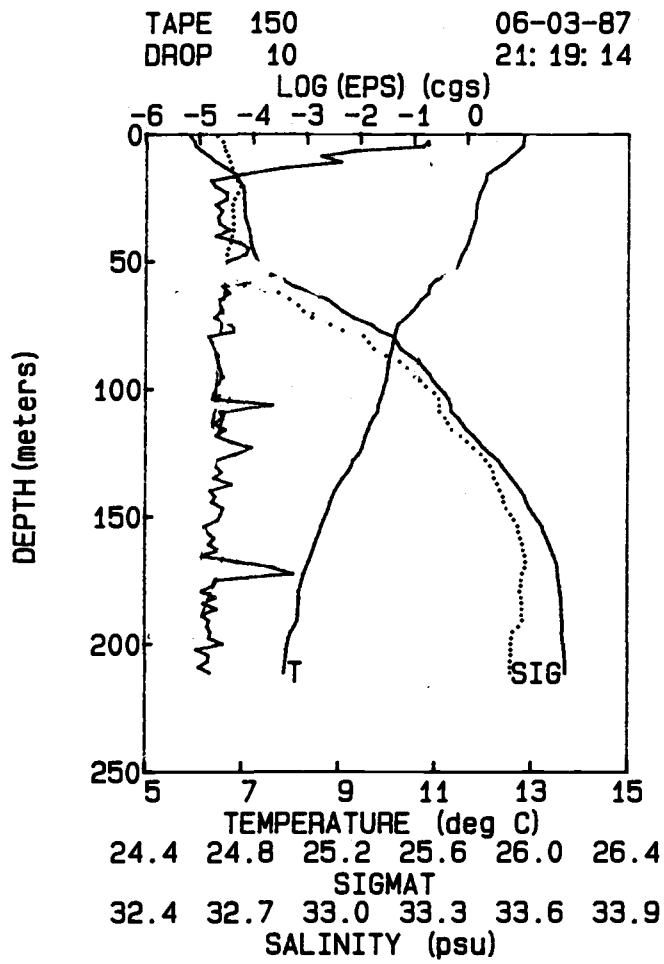
SALINITY (psu)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200
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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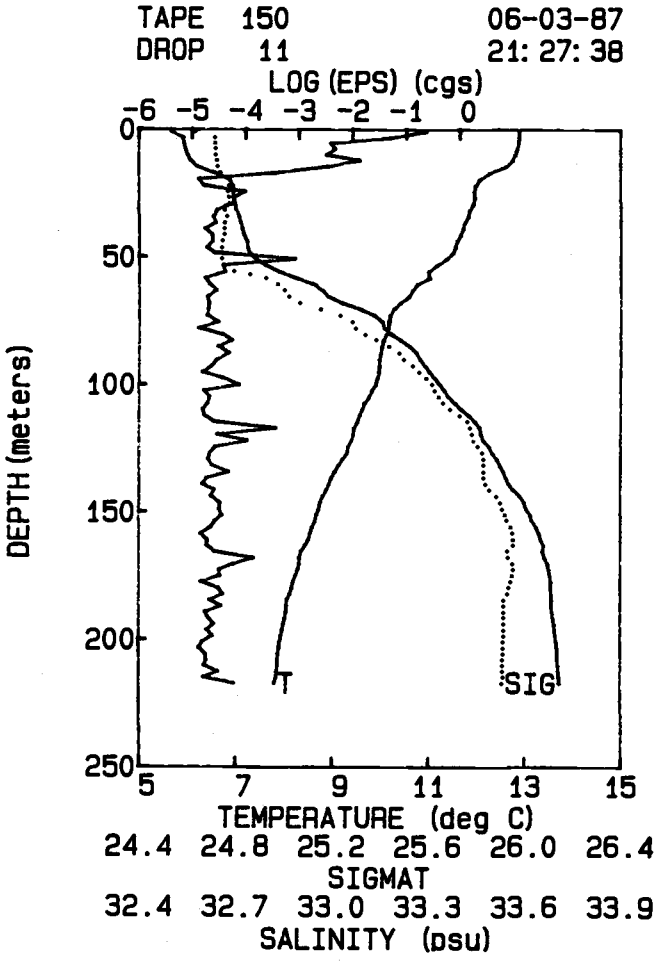
SALINITY (psu)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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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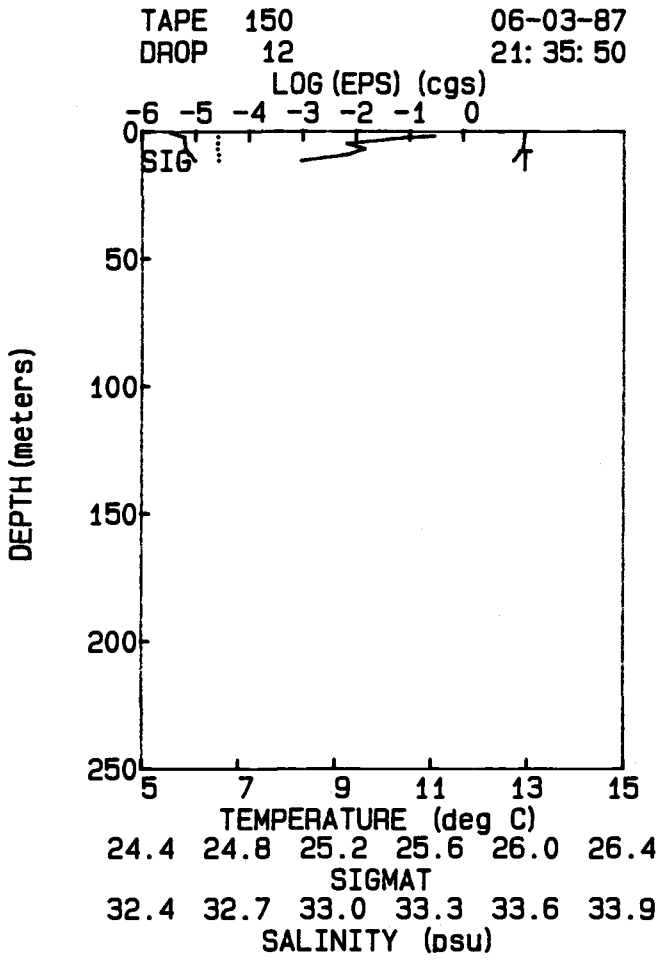
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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200
250
SIG
T
5 7 9 11 13 15
TEMPERATURE (deg C)
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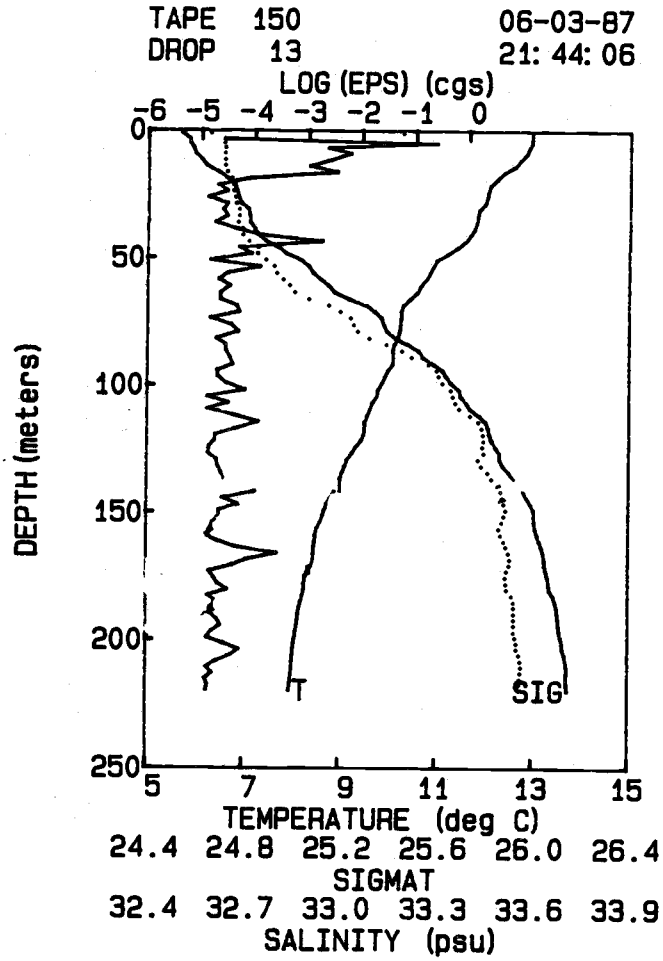
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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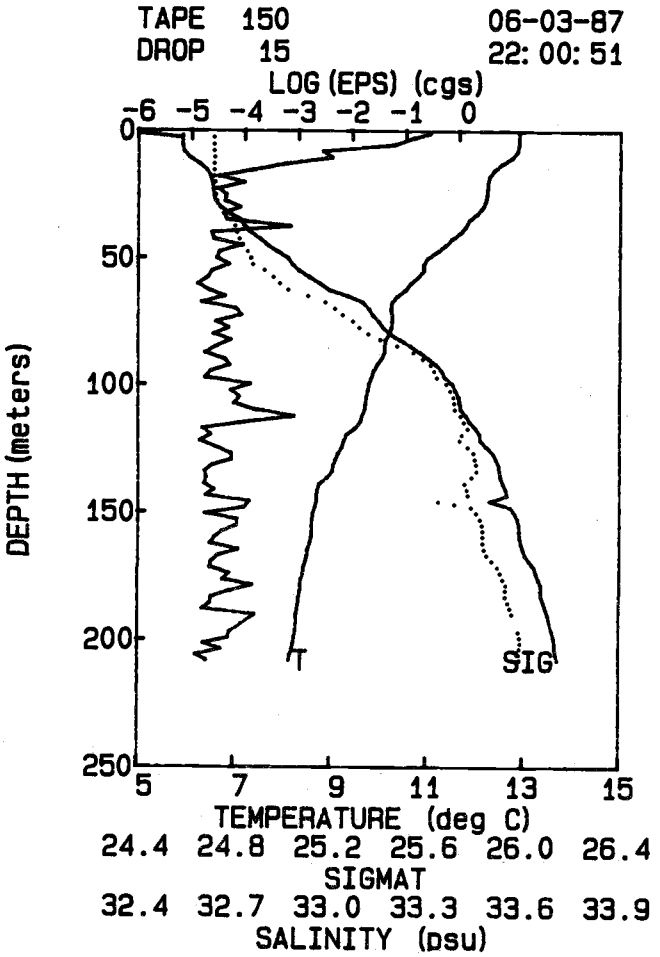
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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50
100
150
200
250
T
SIG
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TEMPERATURE (deg C)
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SIGMAT
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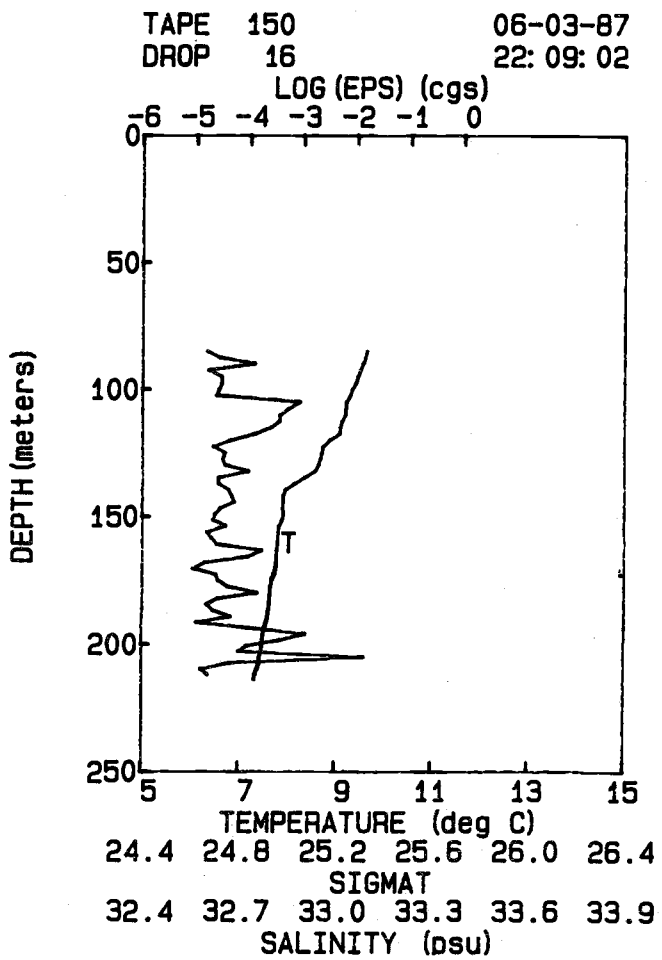
SALINITY (psu)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DEPTH (meters)
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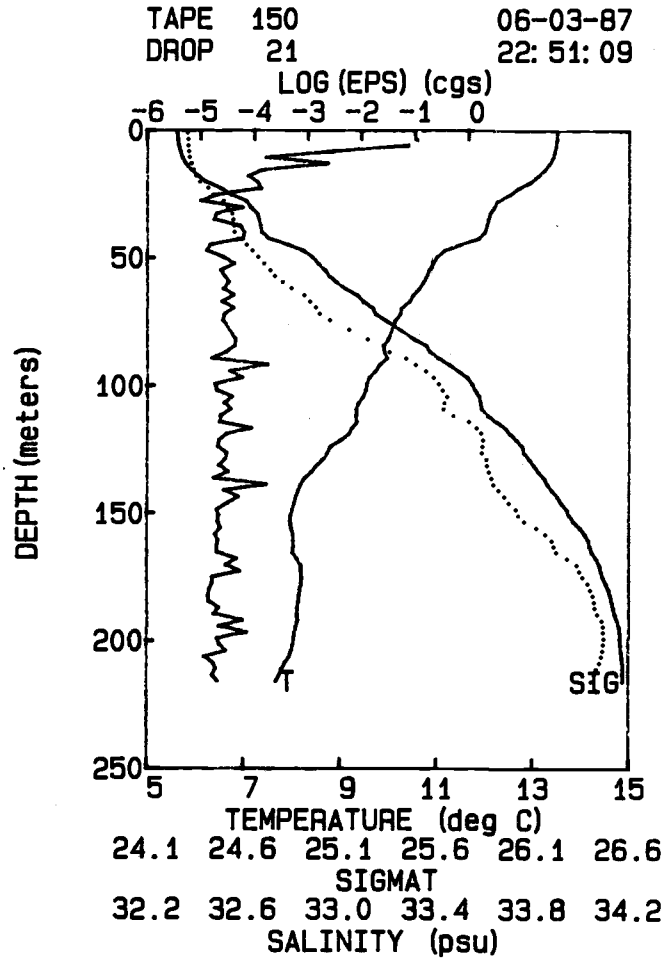
100
150
200
250
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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06-03-87
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
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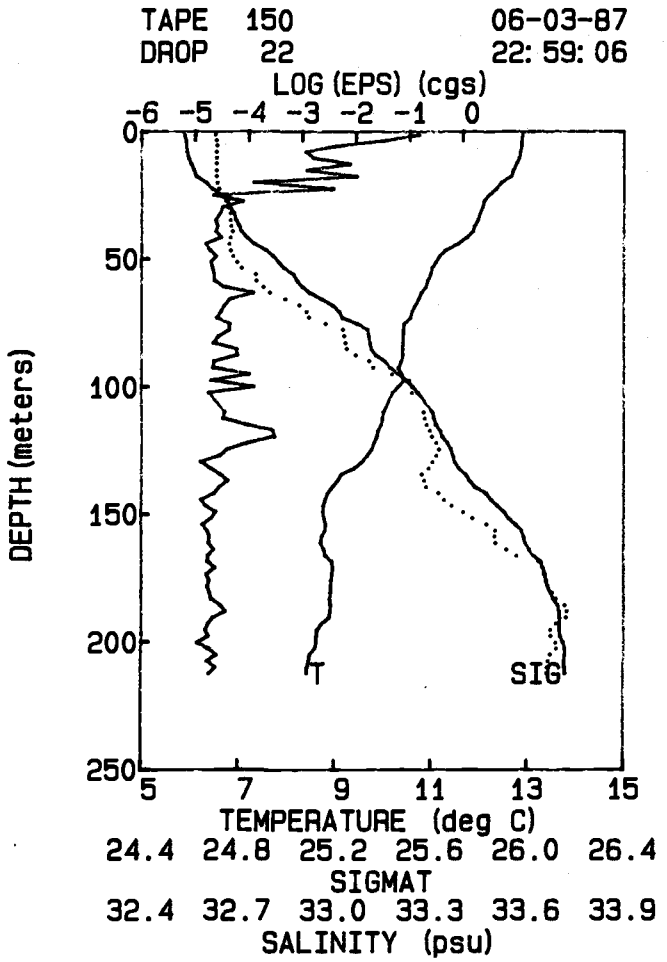
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06-03-87
22: 59: 06
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DEPTH (meters)
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100
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200
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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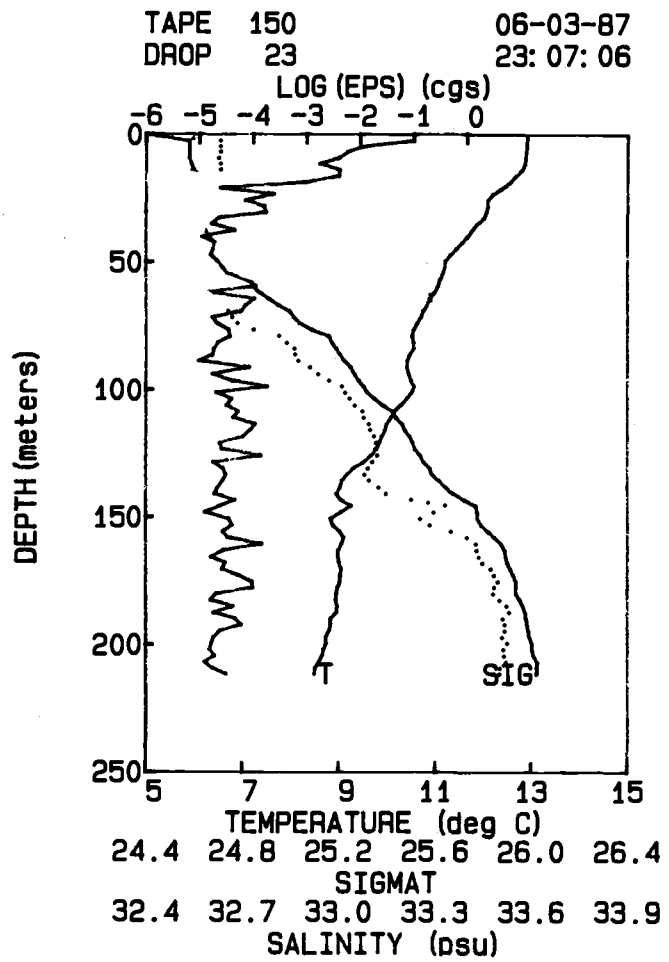
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 23
06-03-87
23: 07: 06
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DEPTH (meters)
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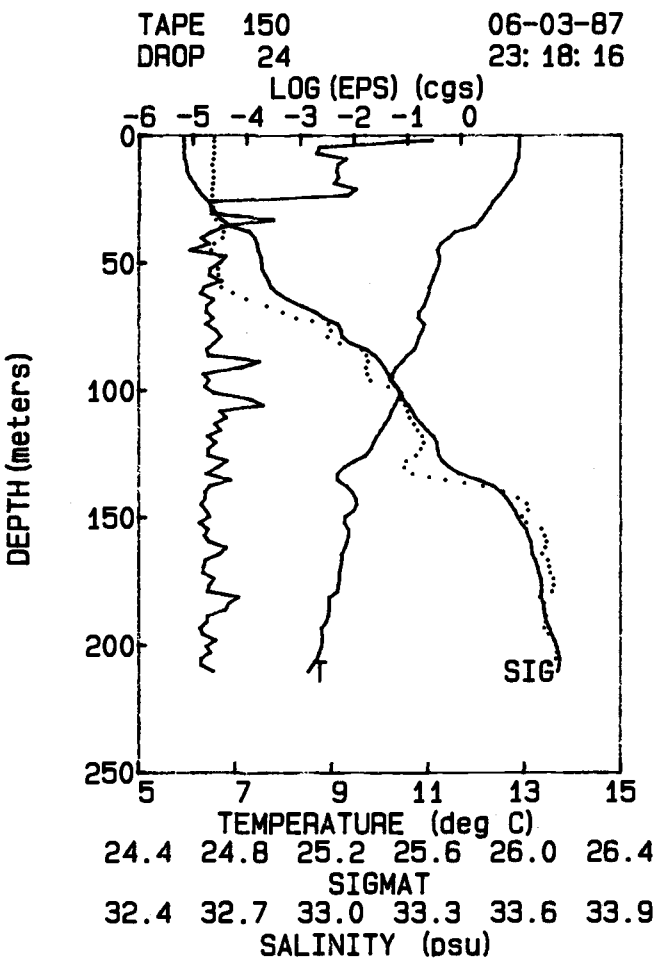
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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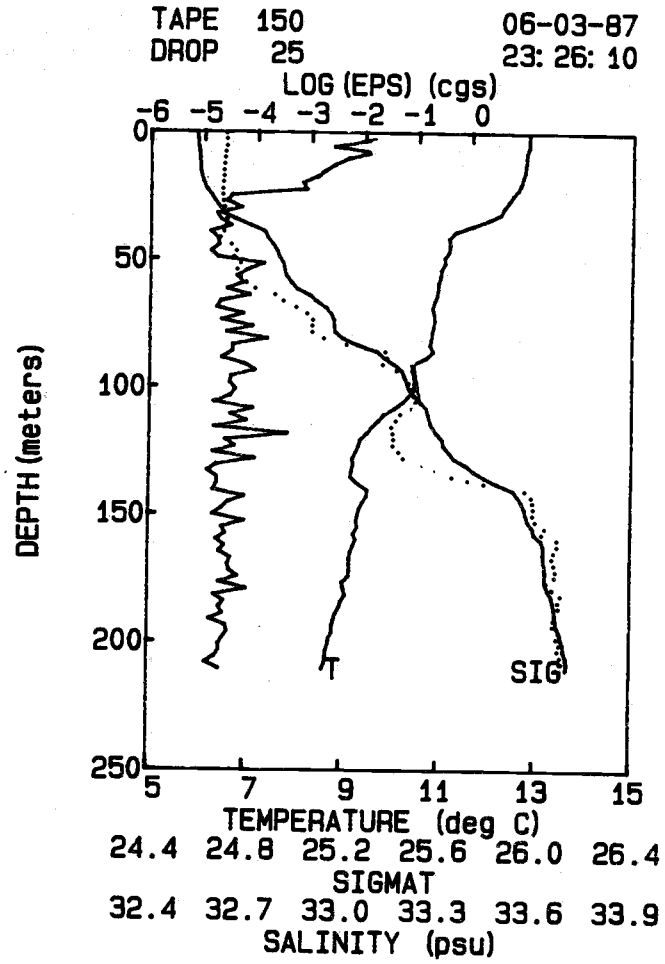
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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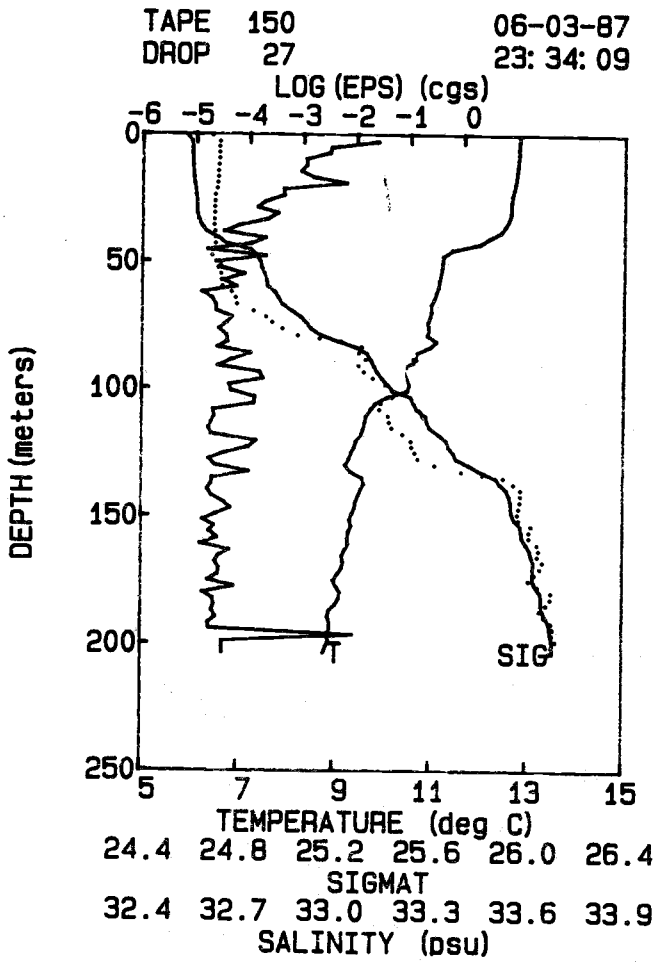
SALINITY (psu)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150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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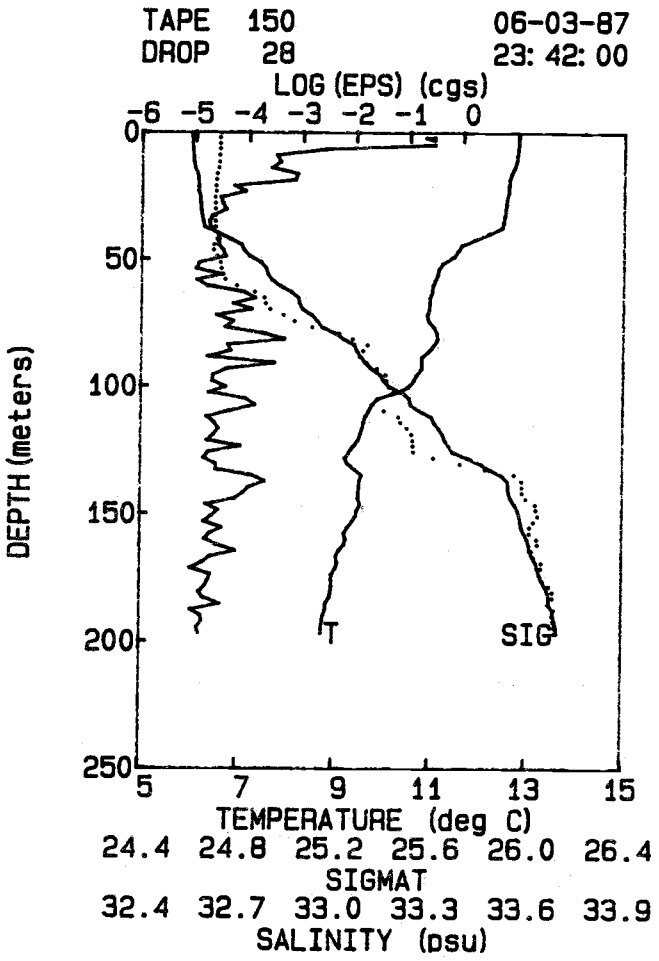
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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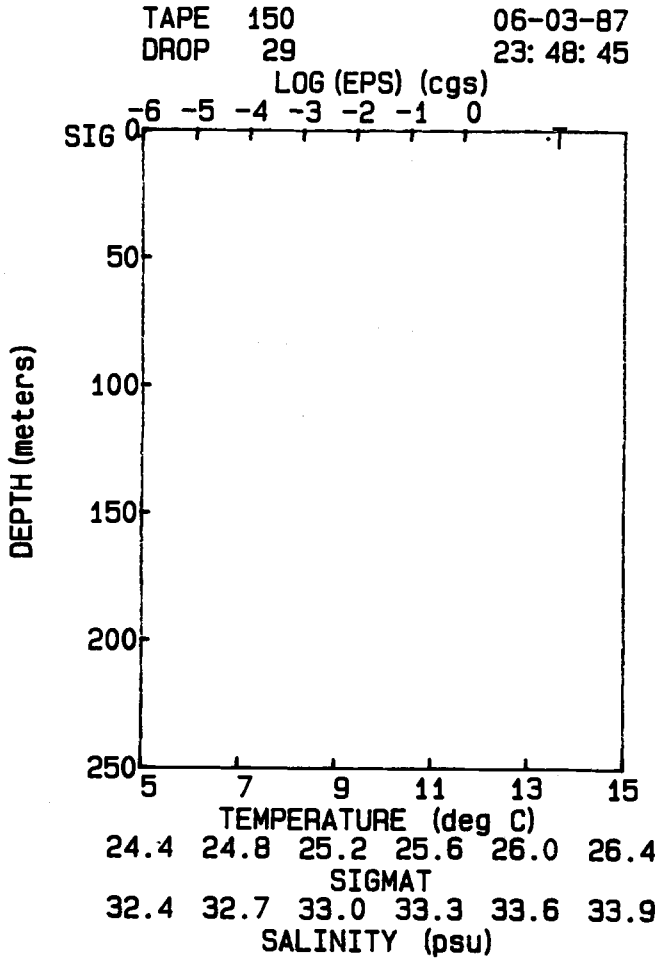
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 29
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LOG (EPS) (cgs)
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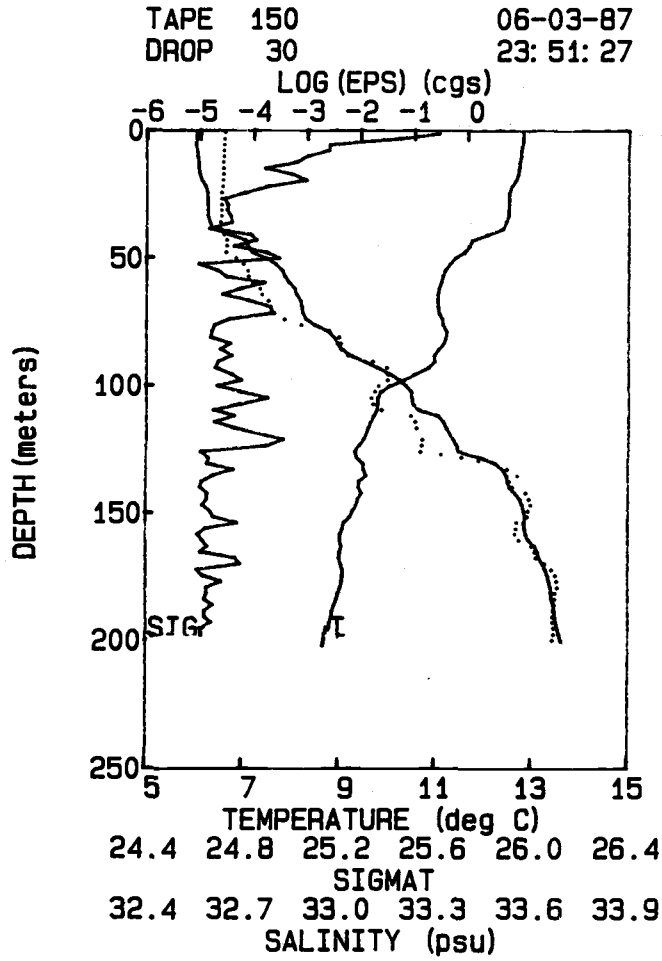
SIG
T
DEPTH (meters)
0
50
100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 30
06-03-87
23: 51: 27
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SIG
T
DEPTH (meters)
0
50
100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
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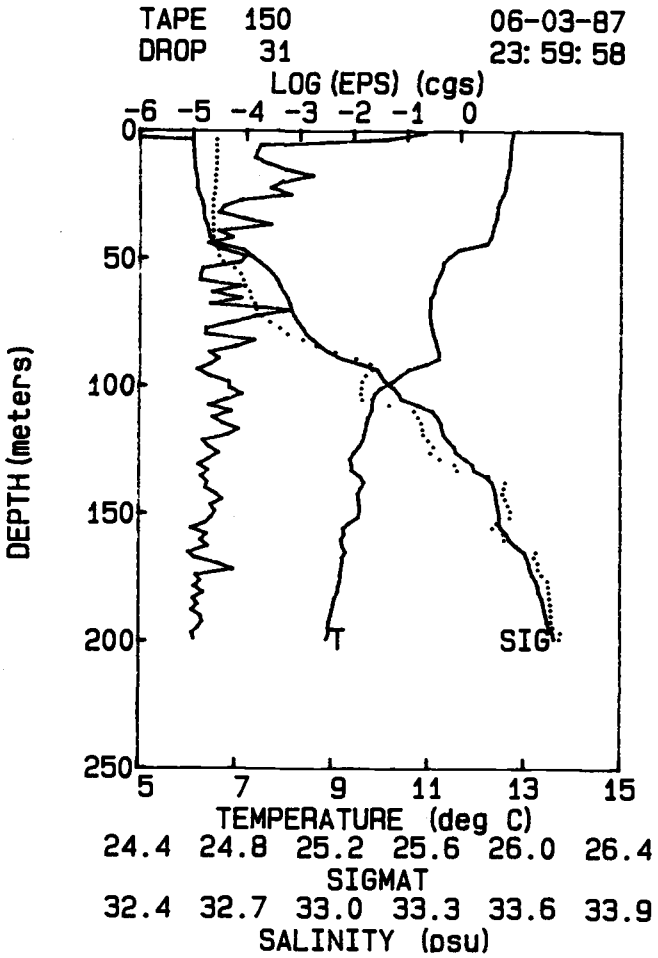
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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LOG (EPS) (cgs)
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T
SIG
DEPTH (meters)
0
50
100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
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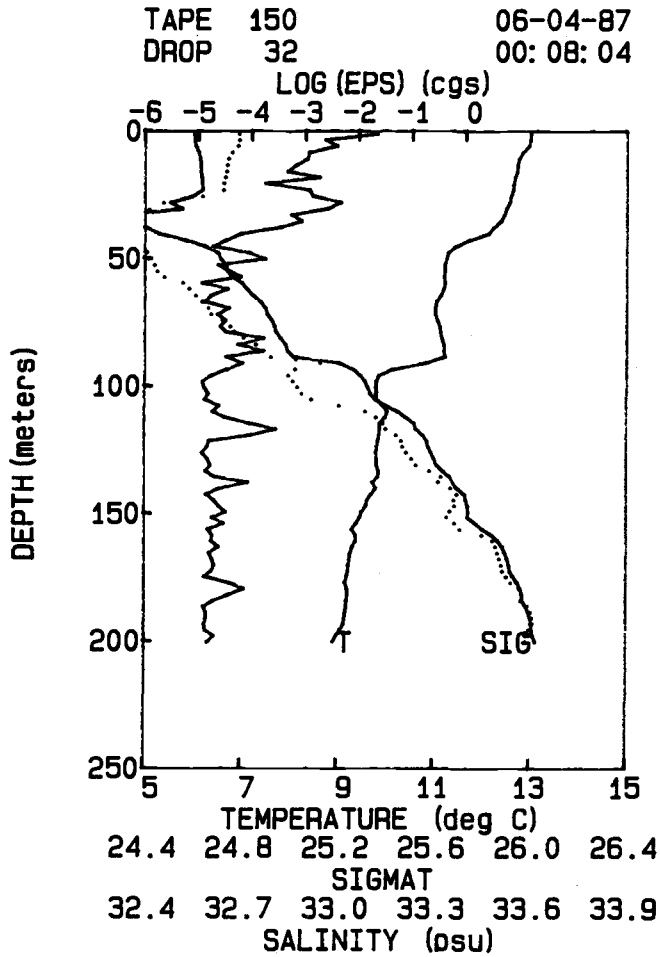
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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SIG
DEPTH (meters)
0
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100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
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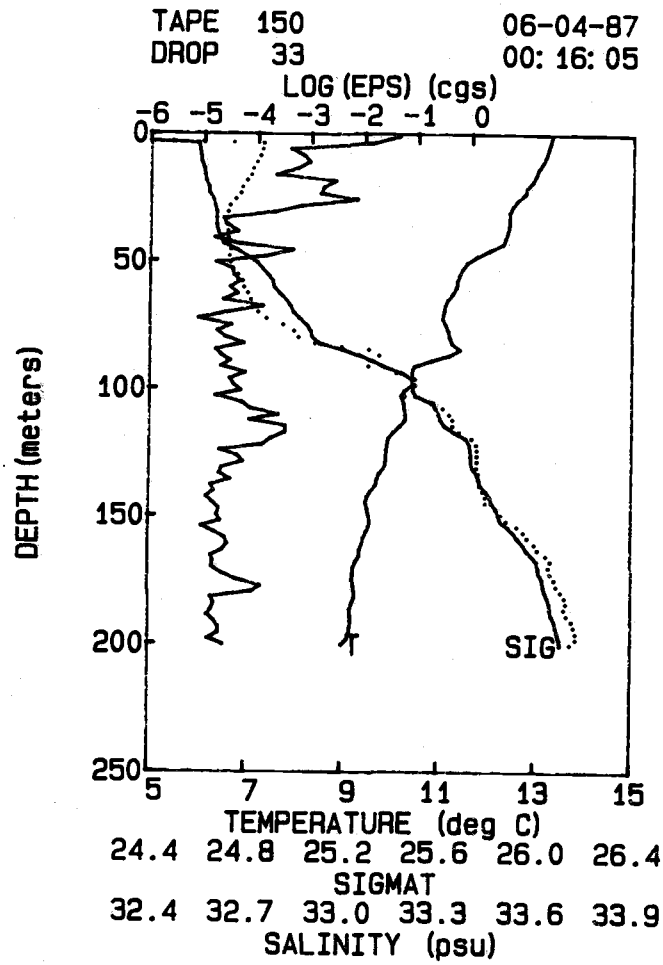
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
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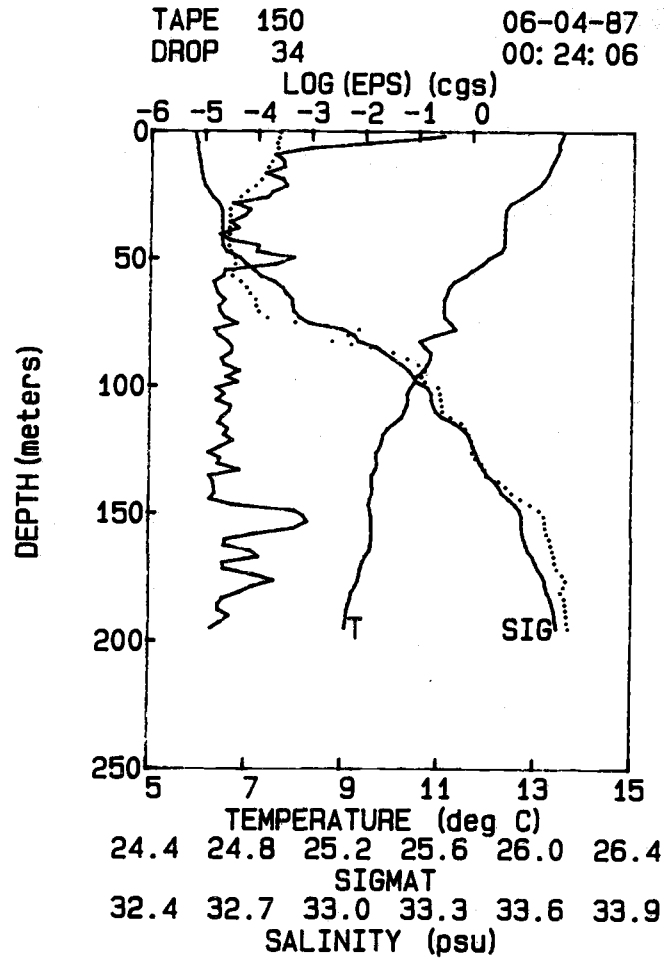
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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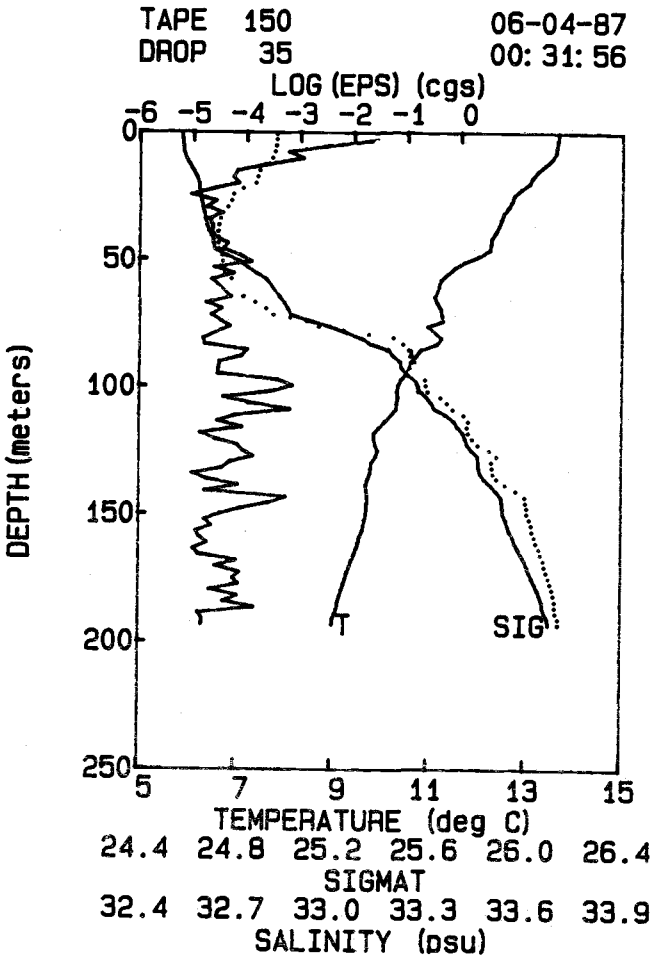
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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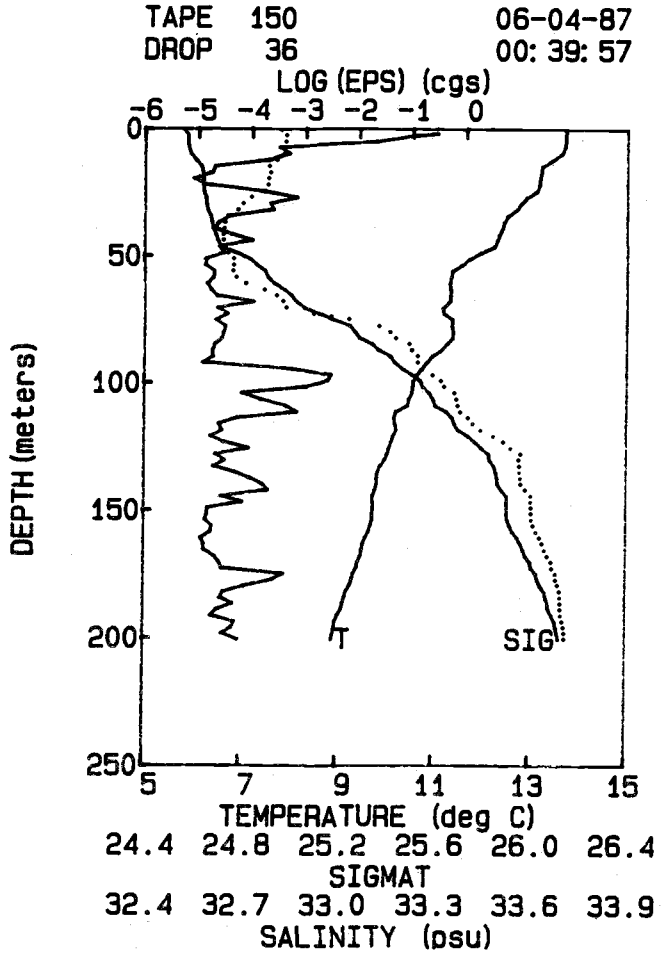
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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100
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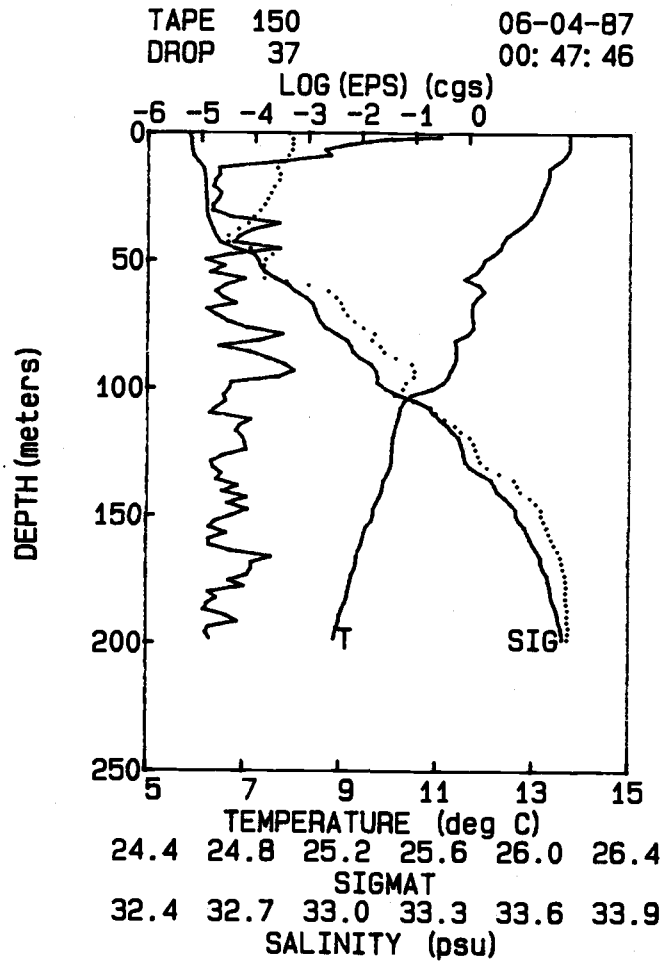
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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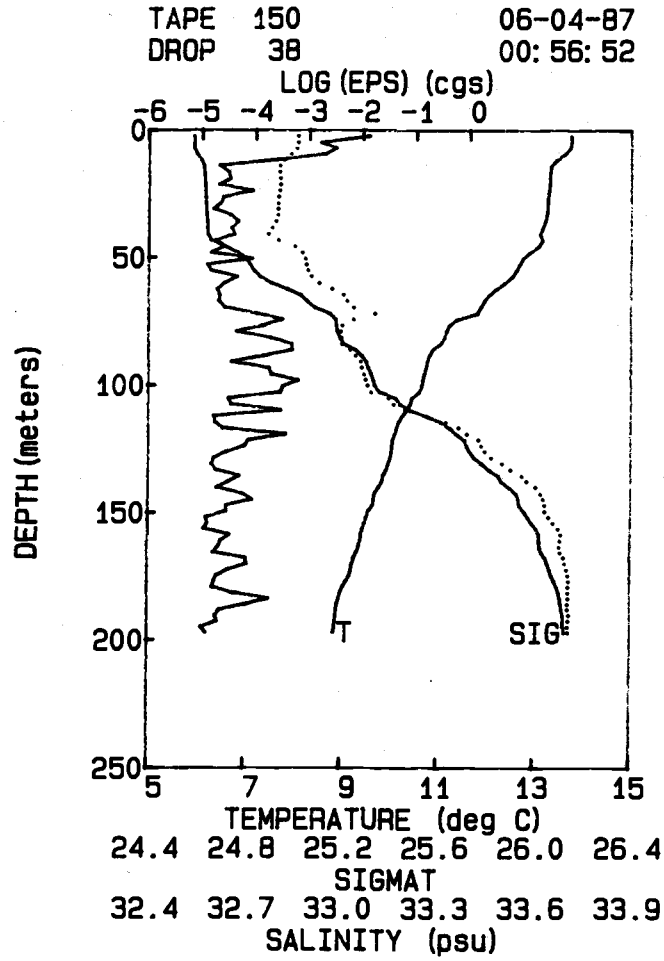
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DEPTH (meters)
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50
100
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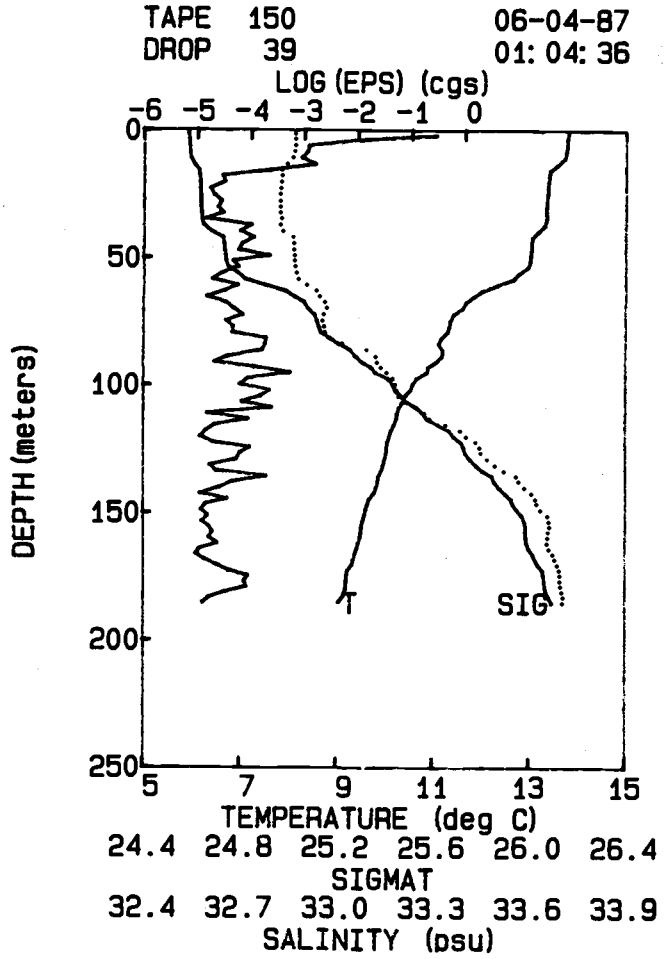
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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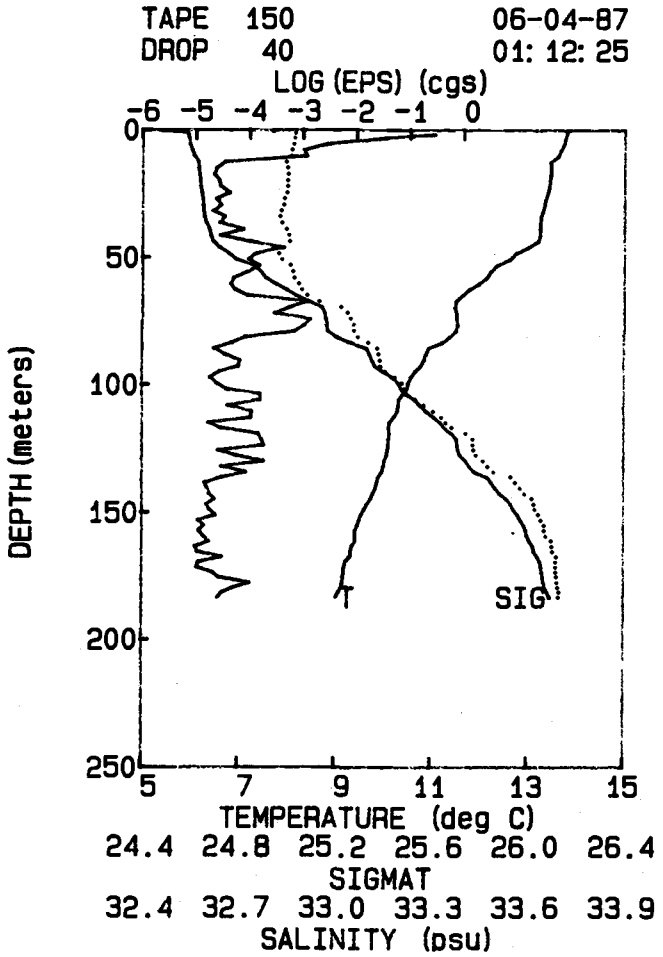
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100
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200
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T
SIG
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TEMPERATURE (deg C)
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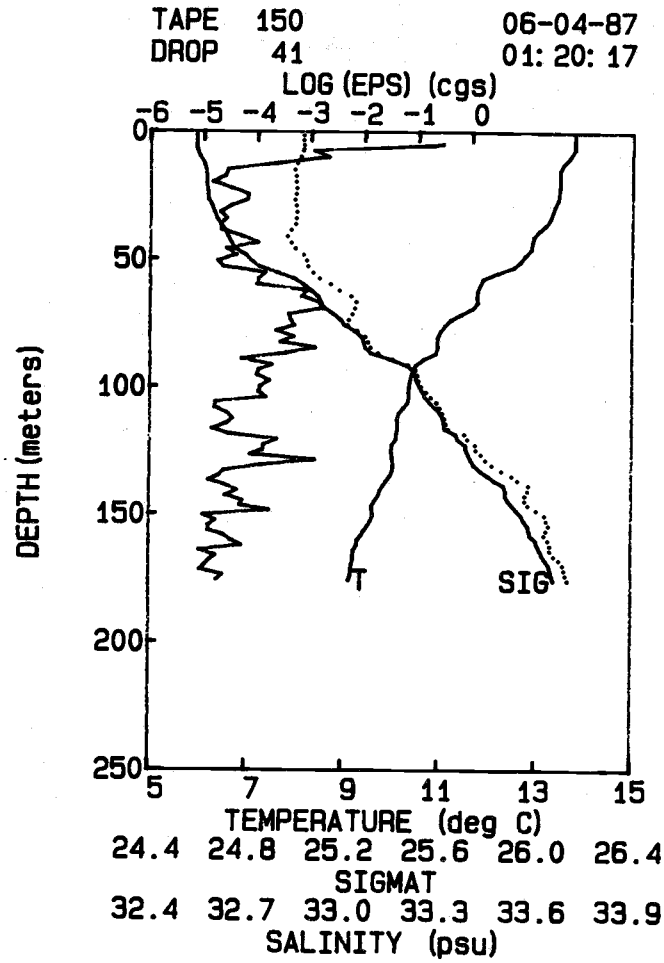
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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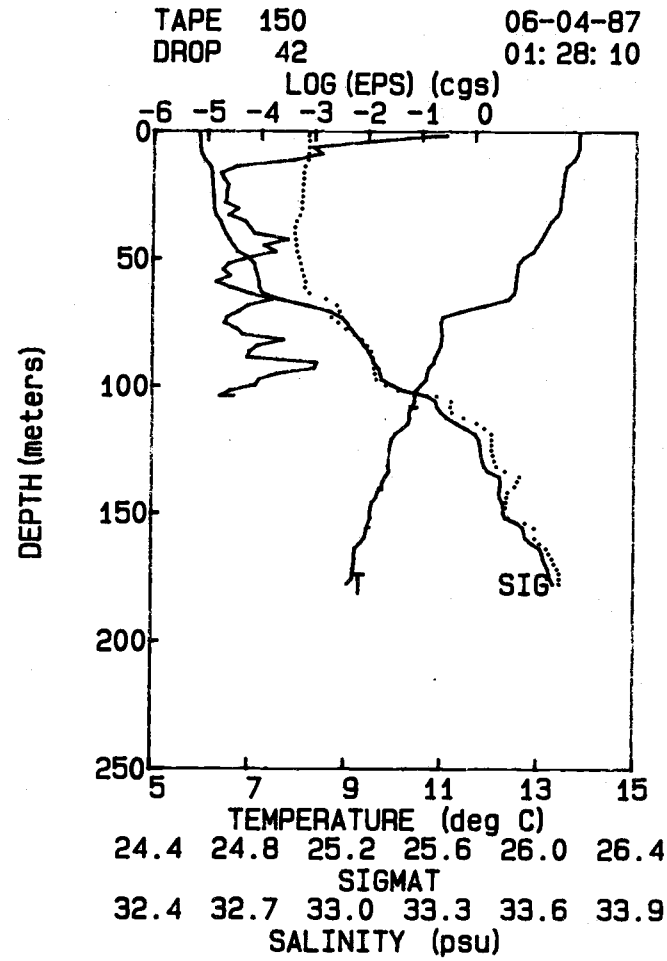
SALINITY (psu)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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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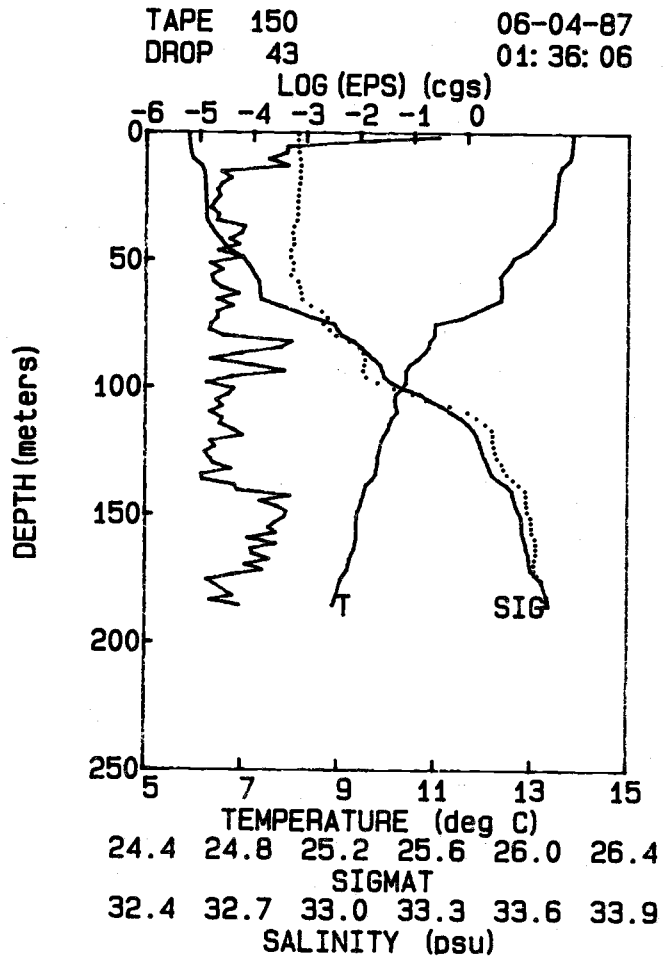
SALINITY (psu)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T
SIG
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TEMPERATURE (deg C)
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SIGMAT
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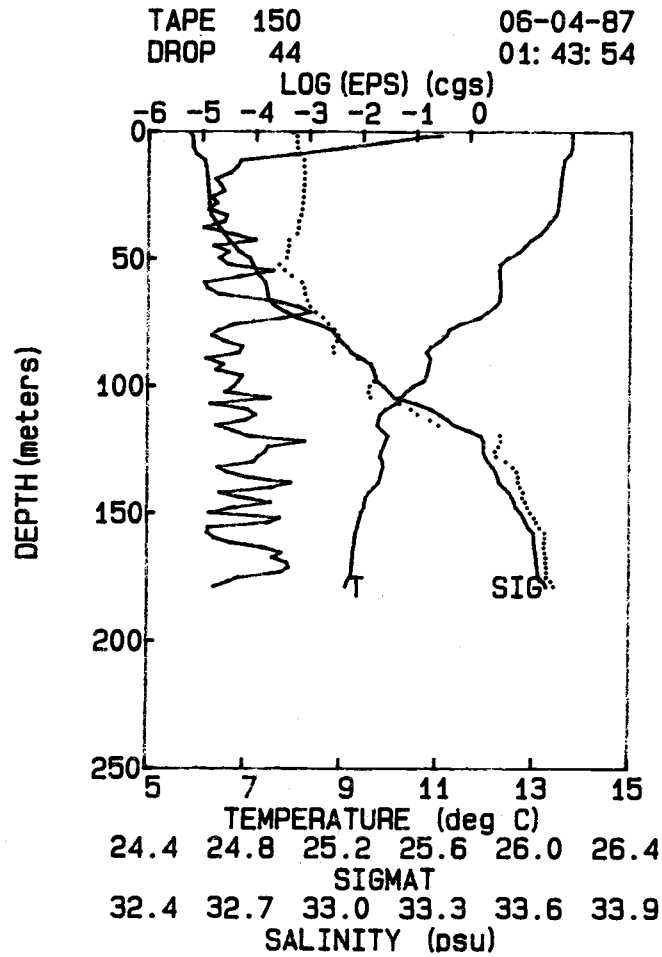
SALINITY (psu)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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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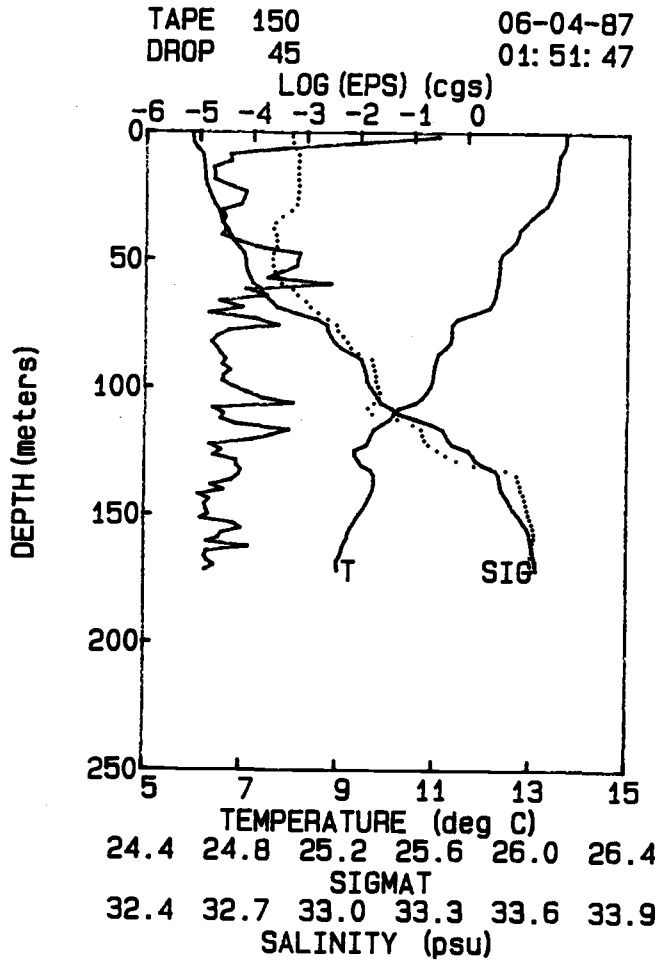
SALINITY (psu)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200
250
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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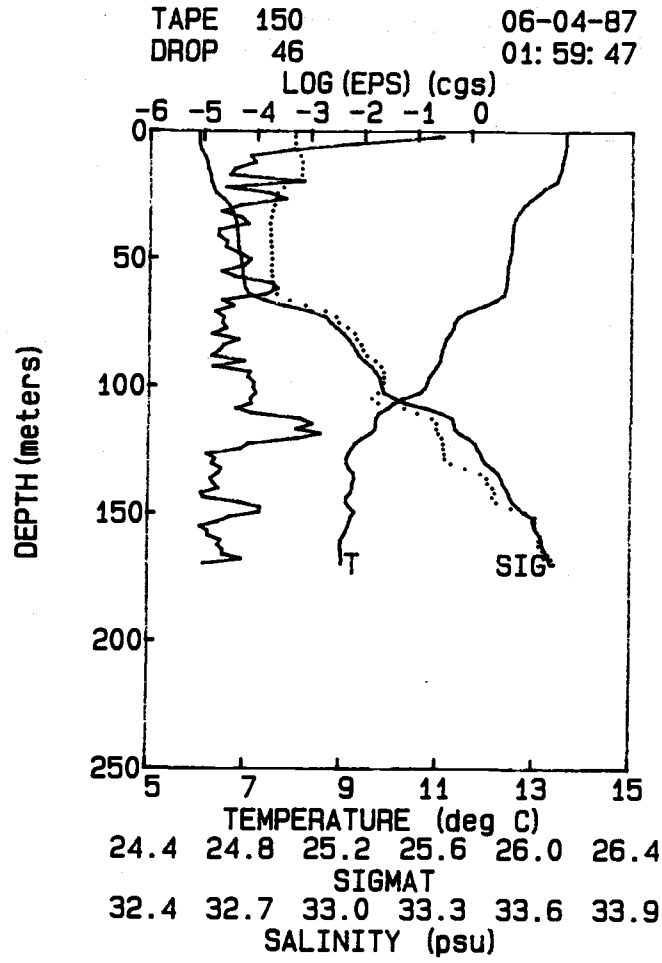
SALINITY (psu)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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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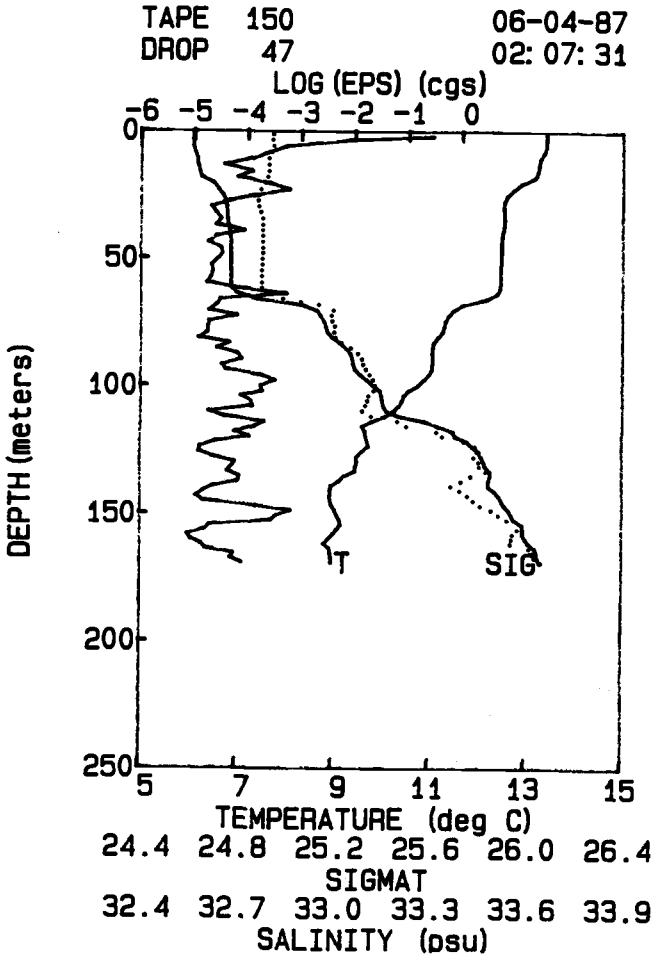
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DEPTH (meters)
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200
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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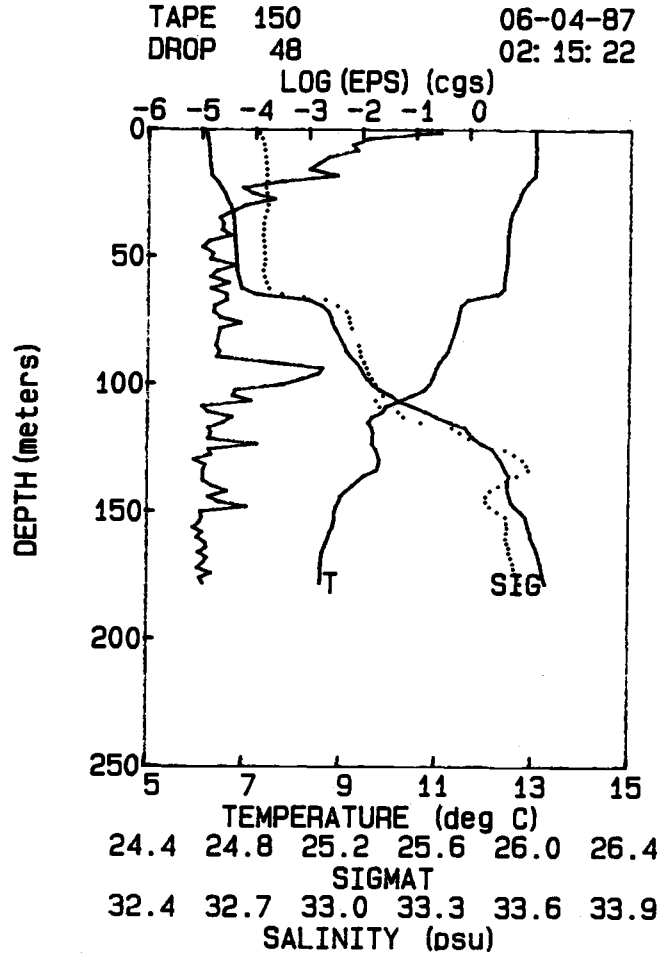
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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SIG
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TEMPERATURE (deg C)
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SIGMAT
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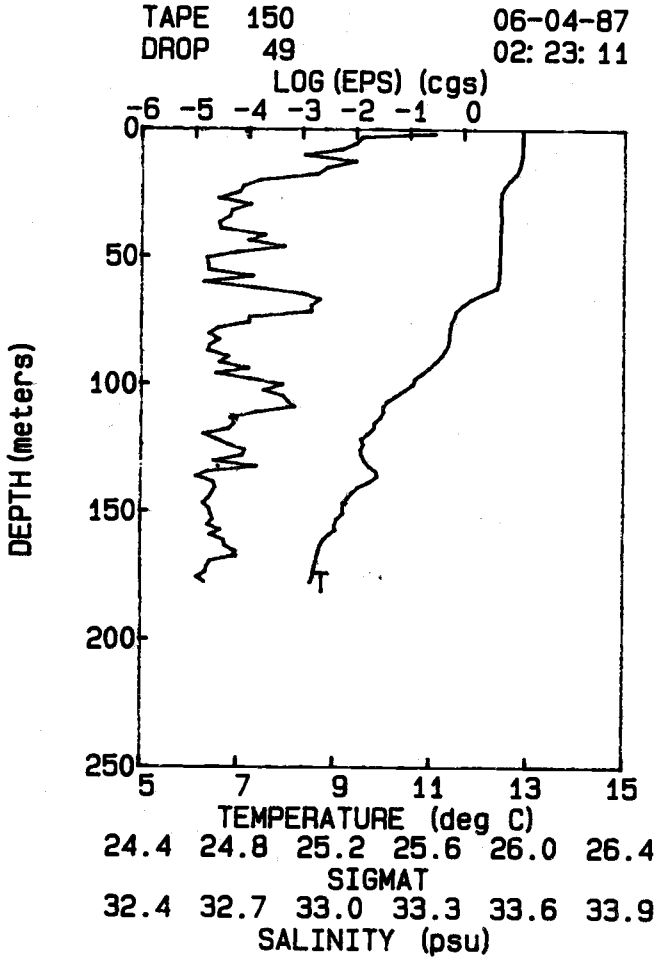
SALINITY (psu)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150
200
250
T
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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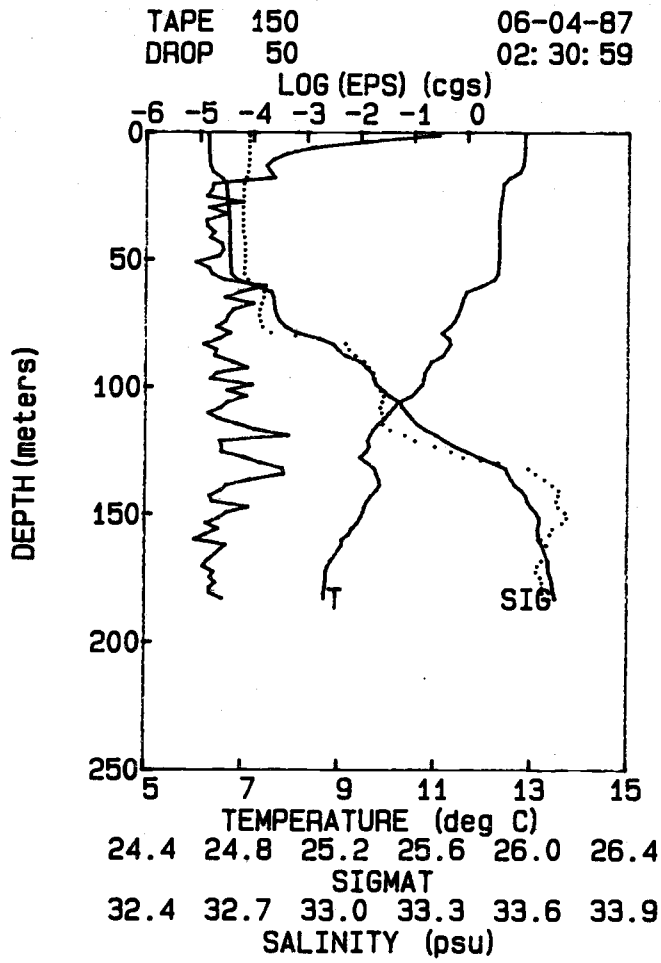
SALINITY (psu)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100
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200
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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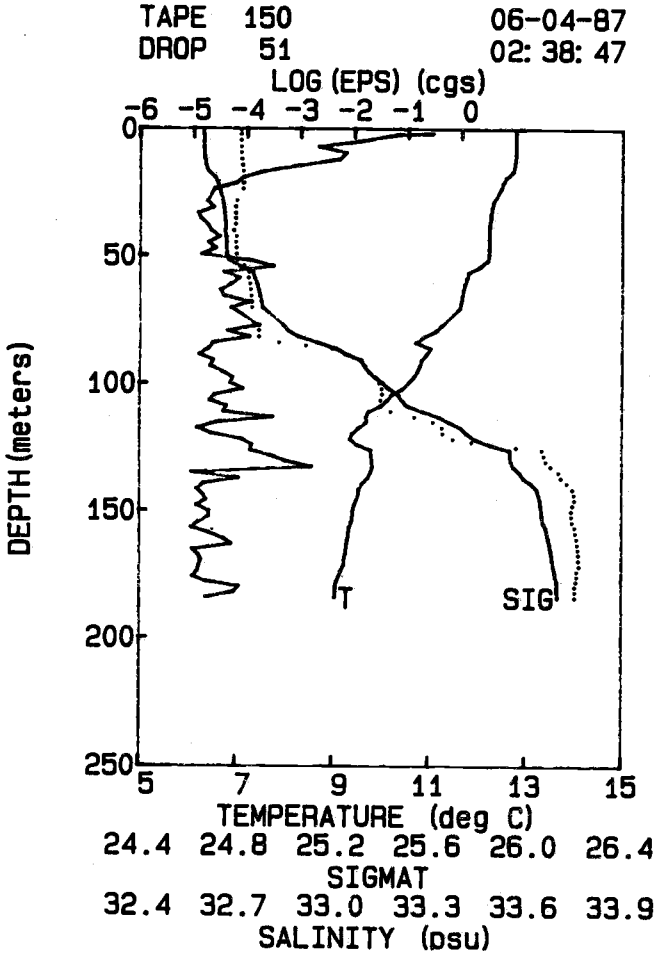
SALINITY (psu)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T
SIG
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TEMPERATURE (deg C)
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SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
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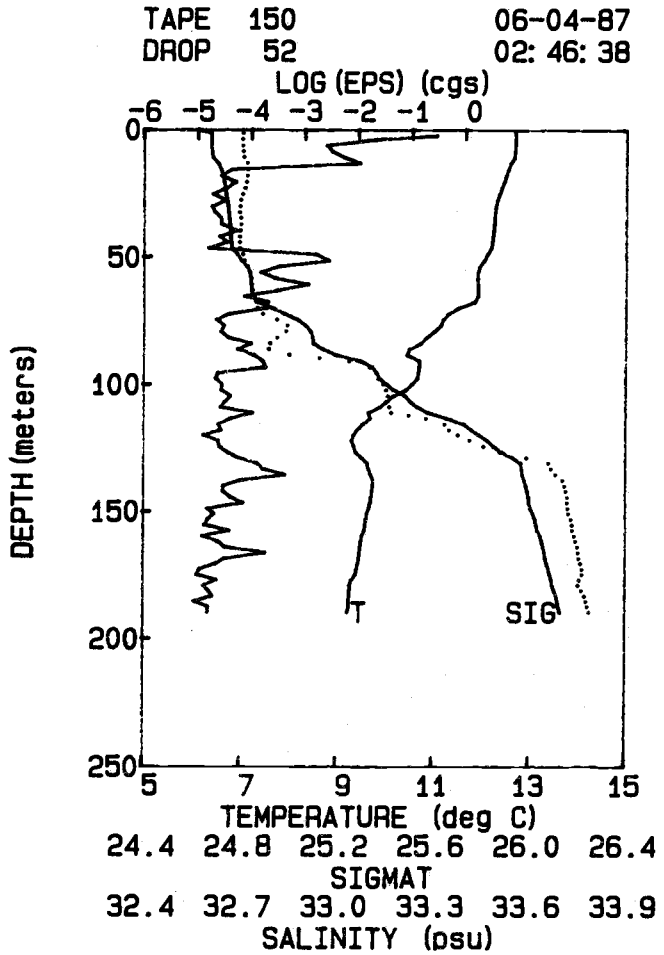
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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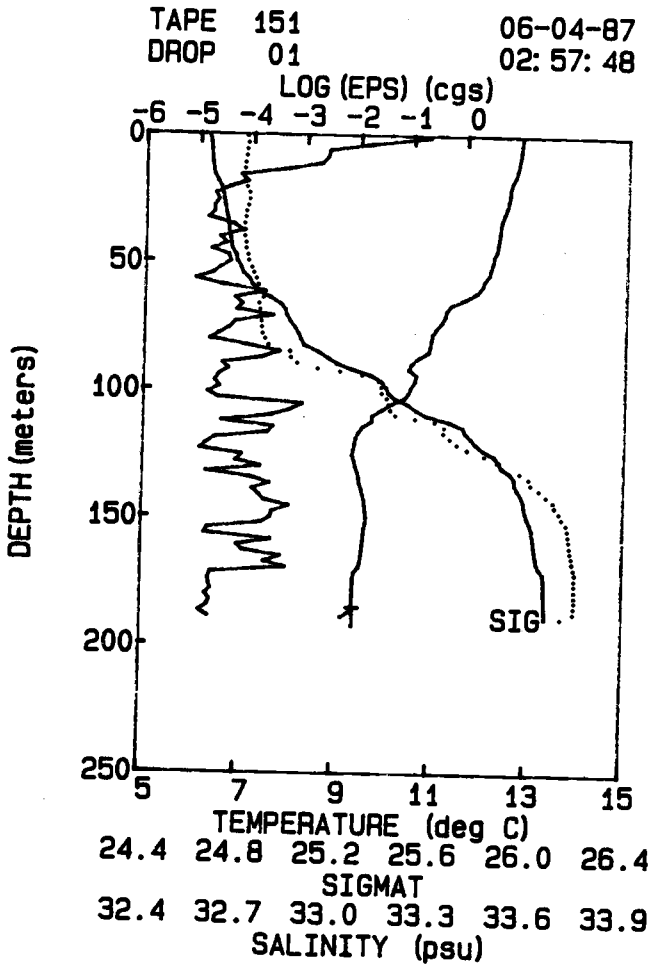
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DEPTH (meters)
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100
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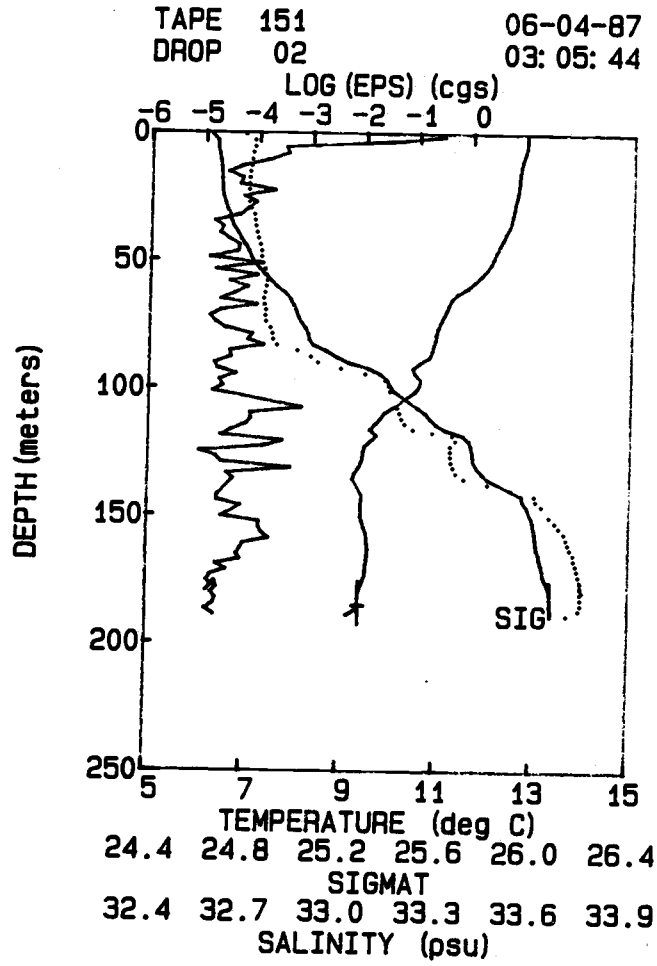
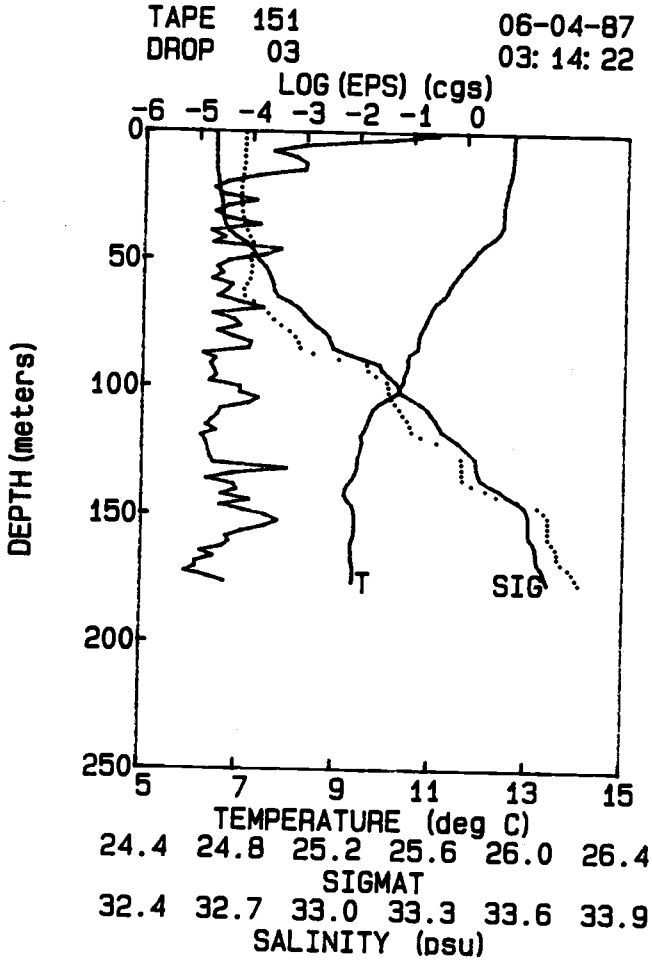
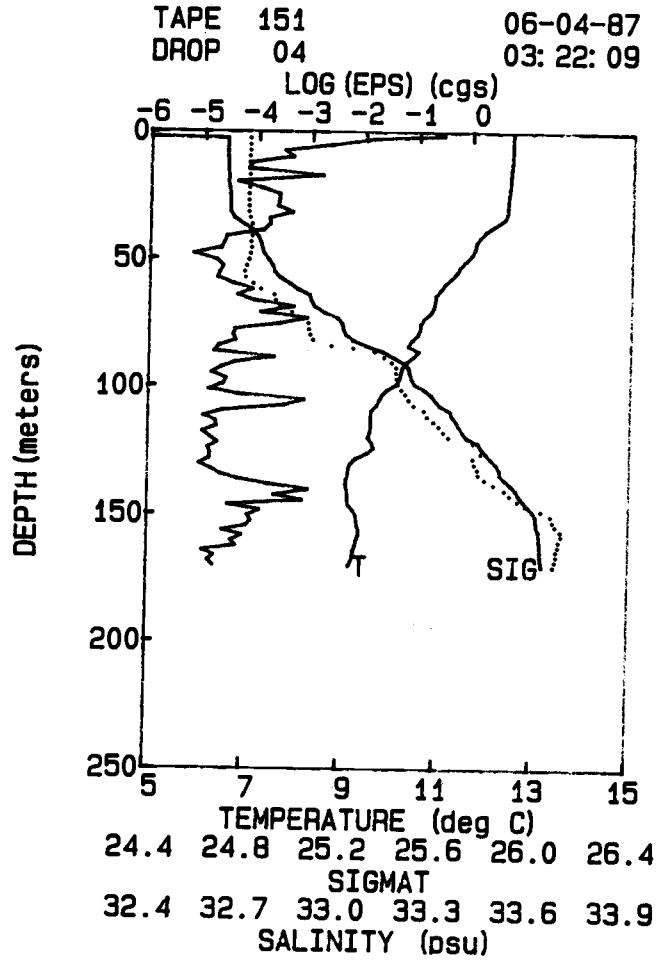
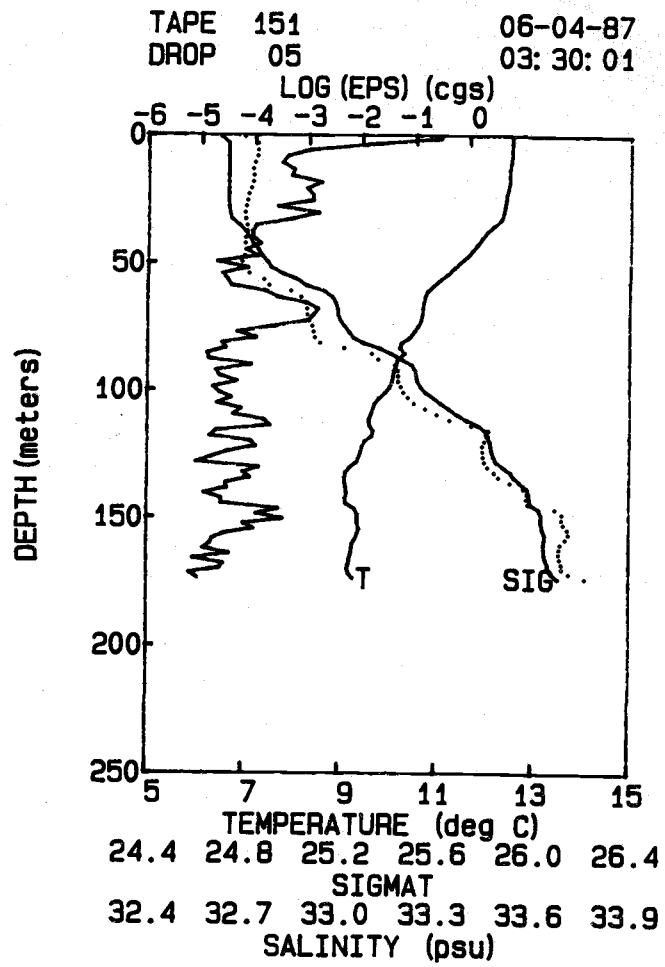
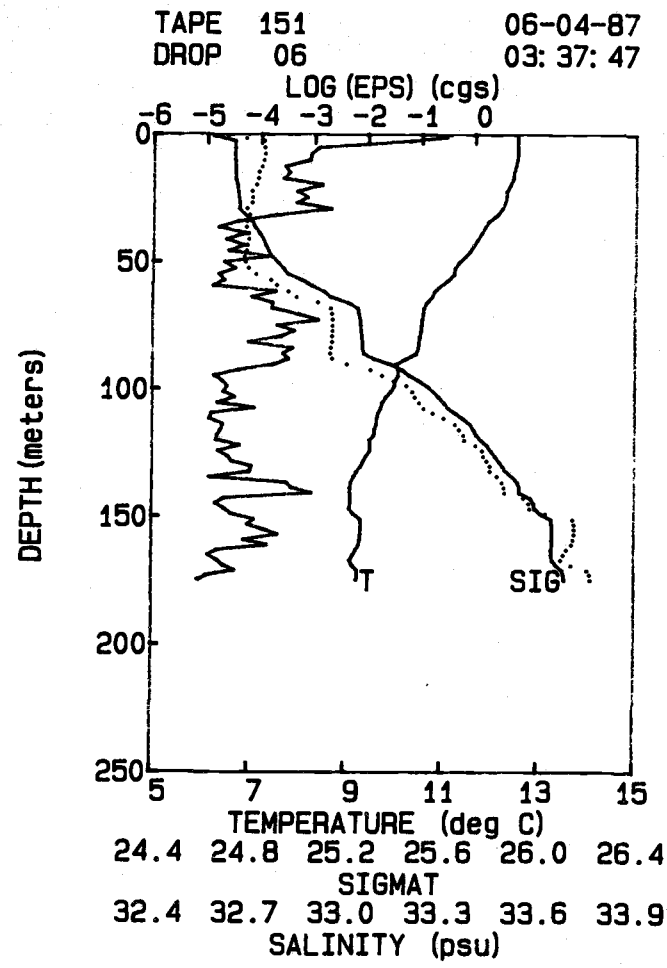
200
250
SIG
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

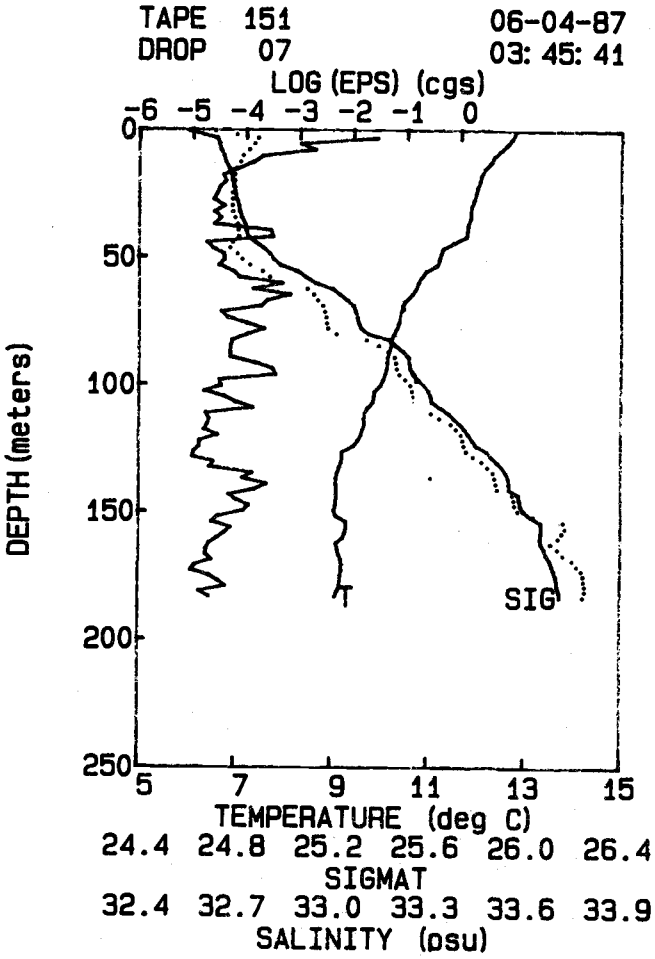

TAPE 151
DROP 02
06-04-87
03: 05: 44
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
SIG
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

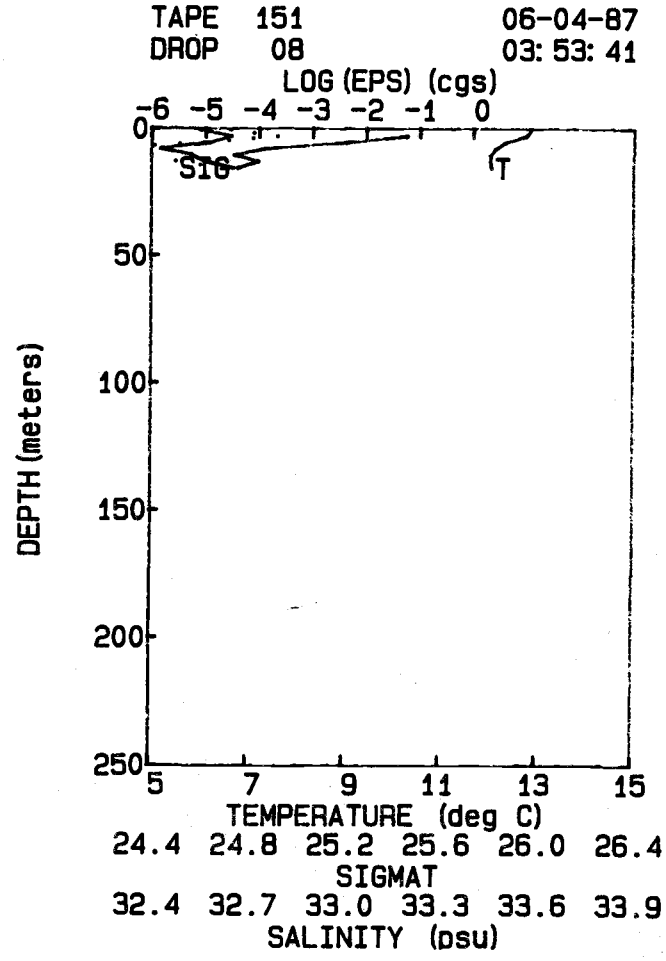

TAPE 151
DROP 03
06-04-87
03: 14: 22
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

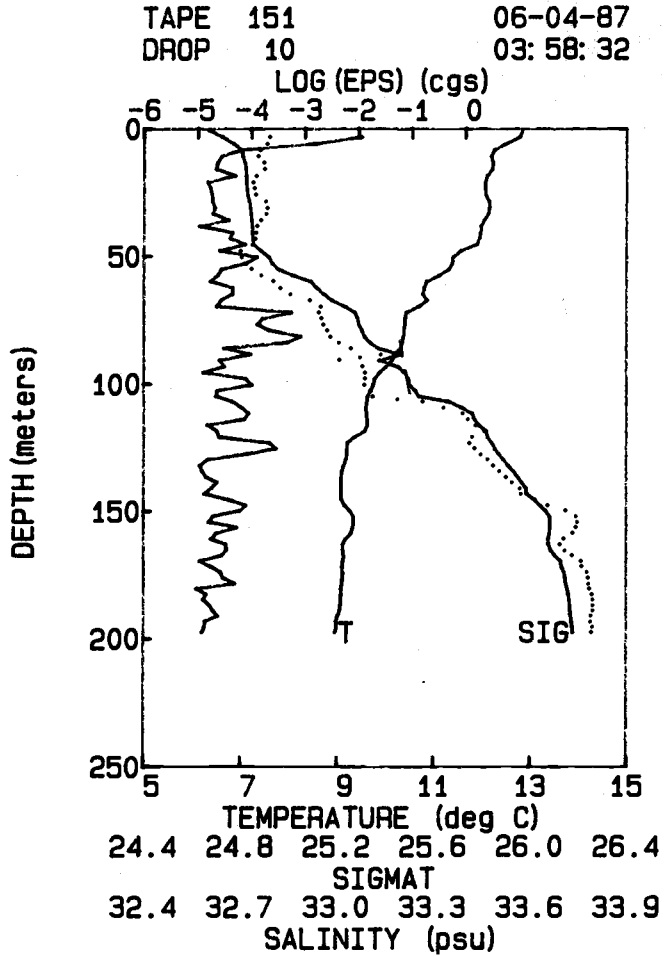

TAPE 151
DROP 04
06-04-87
03: 22: 09
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 05
06-04-87
03: 30: 01
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 06
06-04-87
03: 37: 47
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 07
06-04-87
03: 45: 41
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 08
06-04-87
03: 53: 41
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
SIG
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 10
06-04-87
03: 58: 32
LOG (EPS) (cgs)
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DEPTH (meters)
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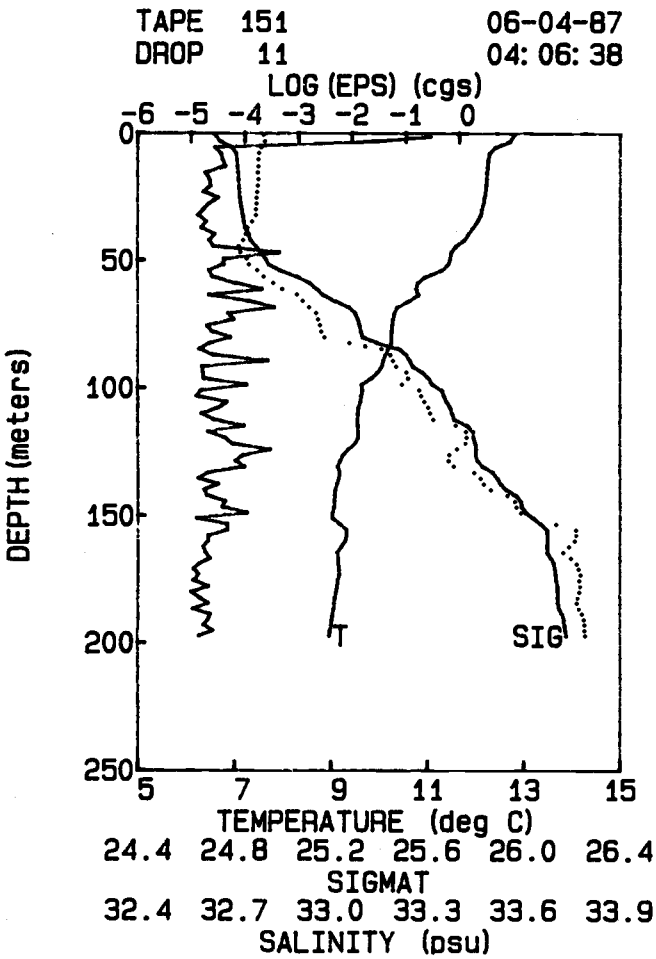
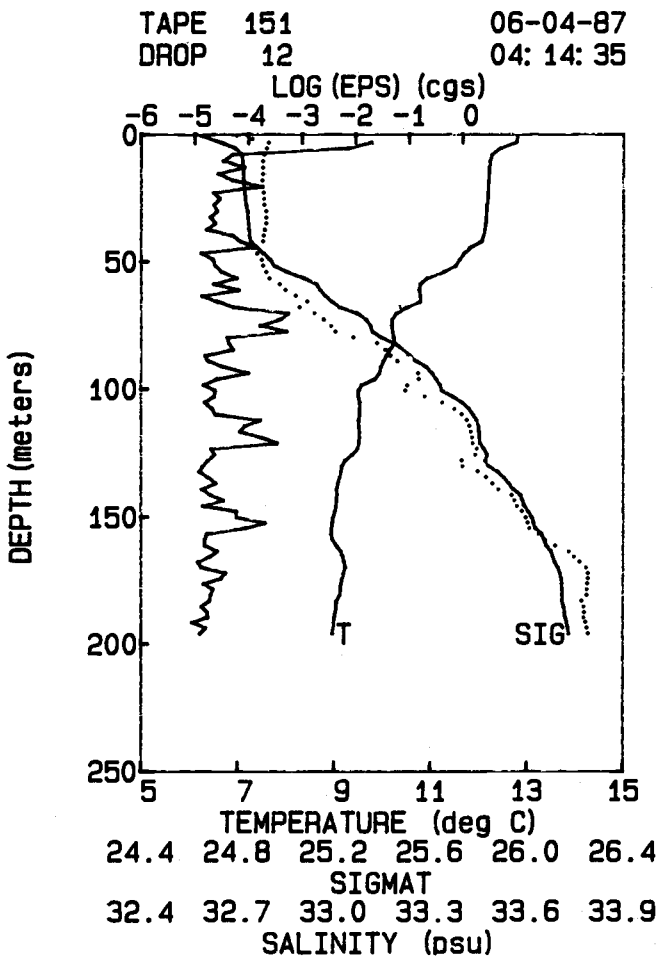
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 11
06-04-87
04: 06: 38
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 12
06-04-87
04: 14: 35
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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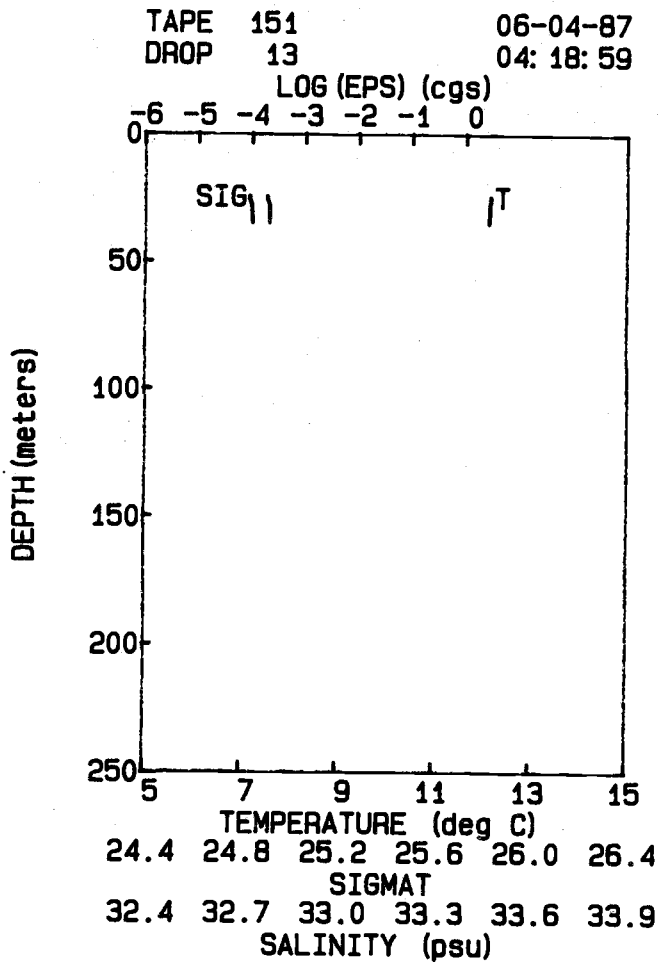
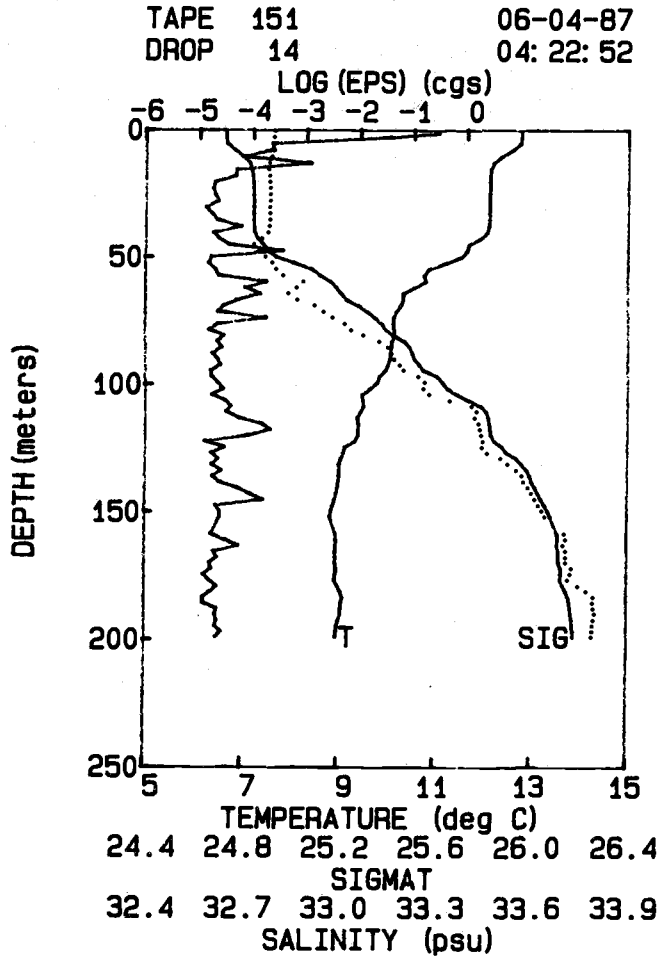
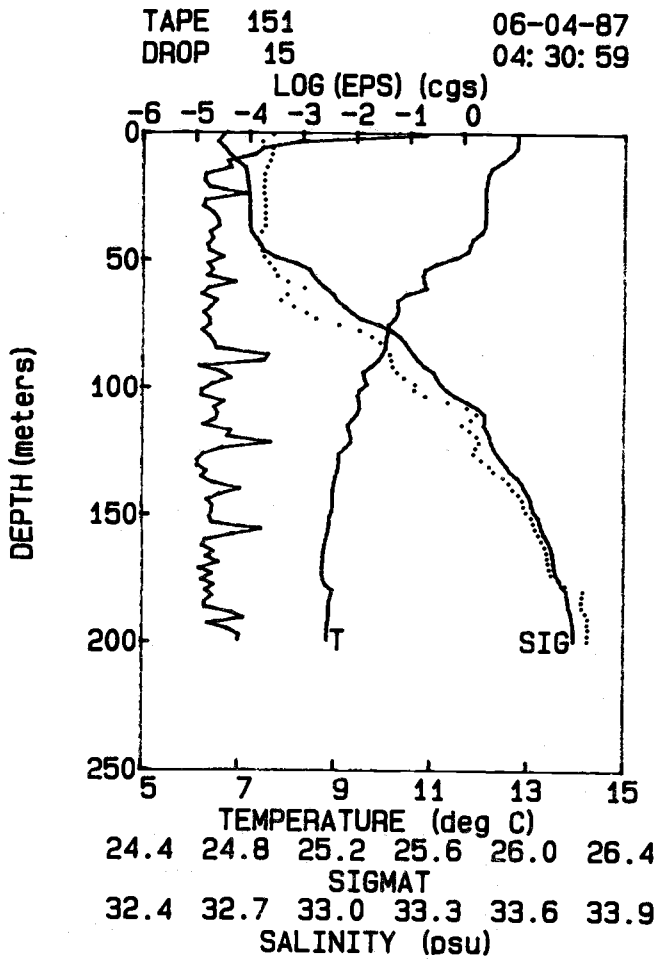
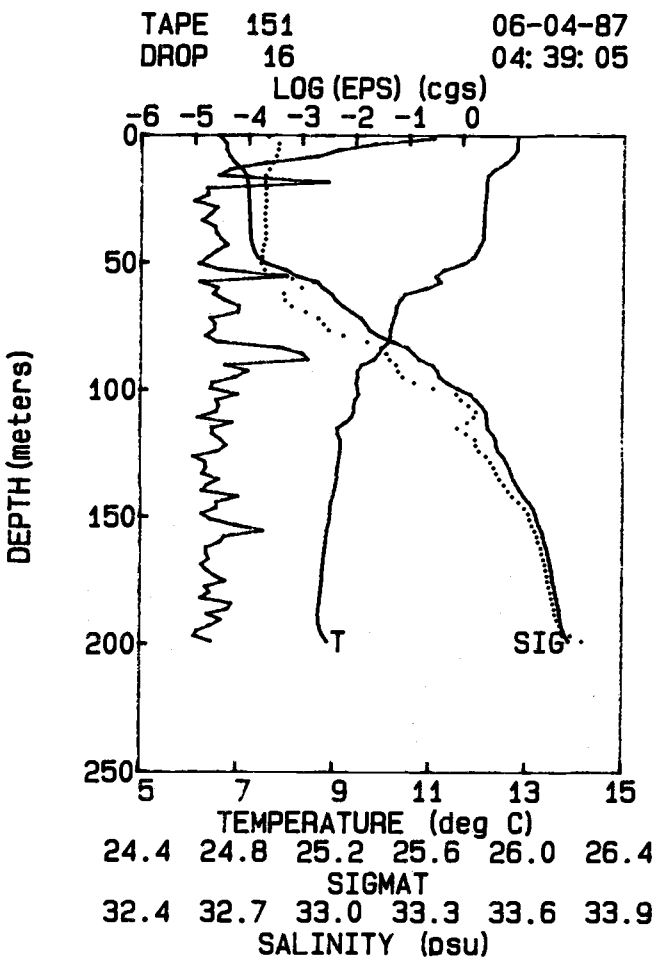
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 13
06-04-87
04: 18: 59
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
SIG
T
DEPTH (meters)
0
50
100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 14
06-04-87
04: 22: 52
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 15
06-04-87
04: 30: 59
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 16
06-04-87
04: 39: 05
LOG (EPS) (cgs)
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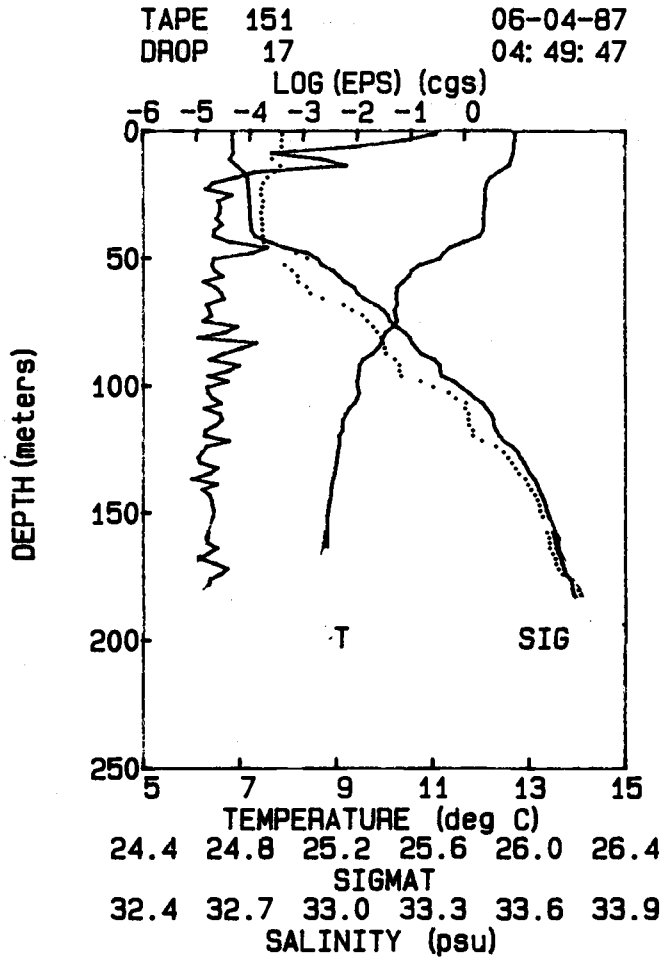
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 17
06-04-87
04: 49: 47
LOG (EPS) (cgs)
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DEPTH (meters)
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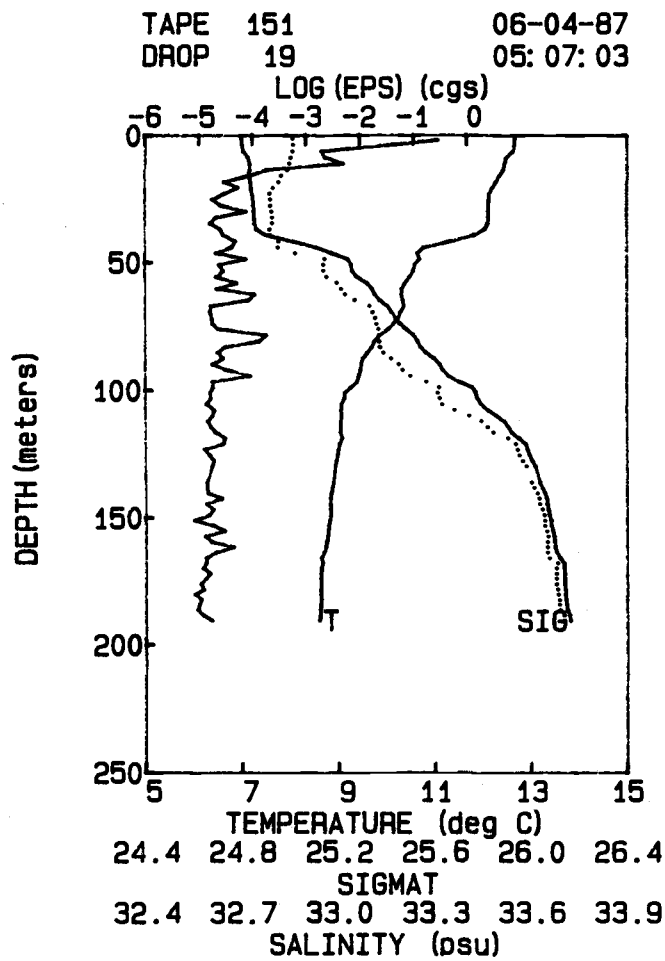
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 19
06-04-87
05: 07: 03
LOG (EPS) (cgs)
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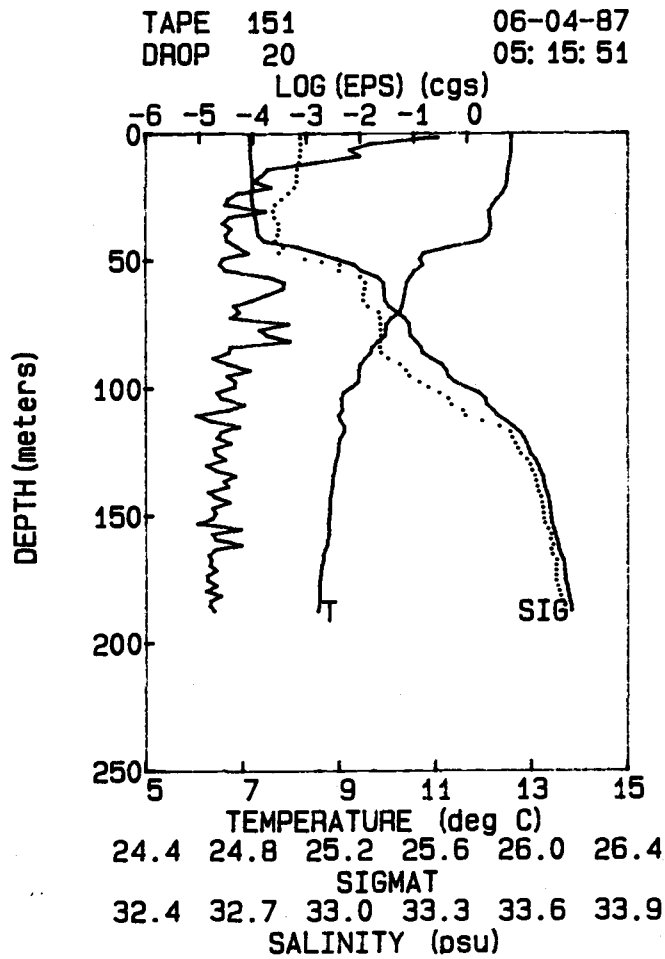
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 20
06-04-87
05: 15: 51
LOG (EPS) (cgs)
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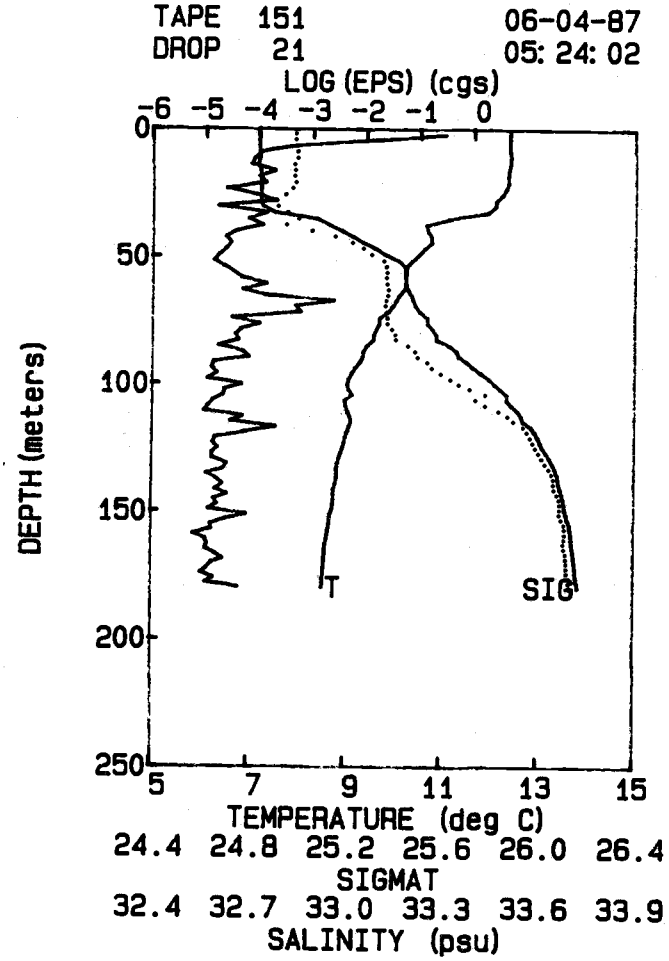
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 21
06-04-87
05: 24: 02
LOG (EPS) (cgs)
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DEPTH (meters)
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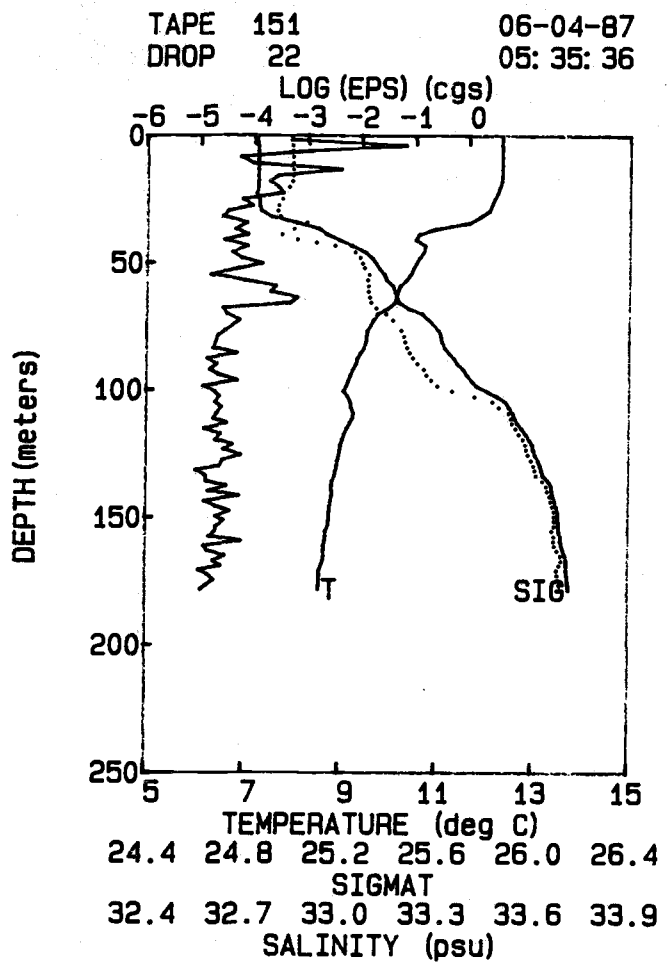
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 22
06-04-87
05: 35: 36
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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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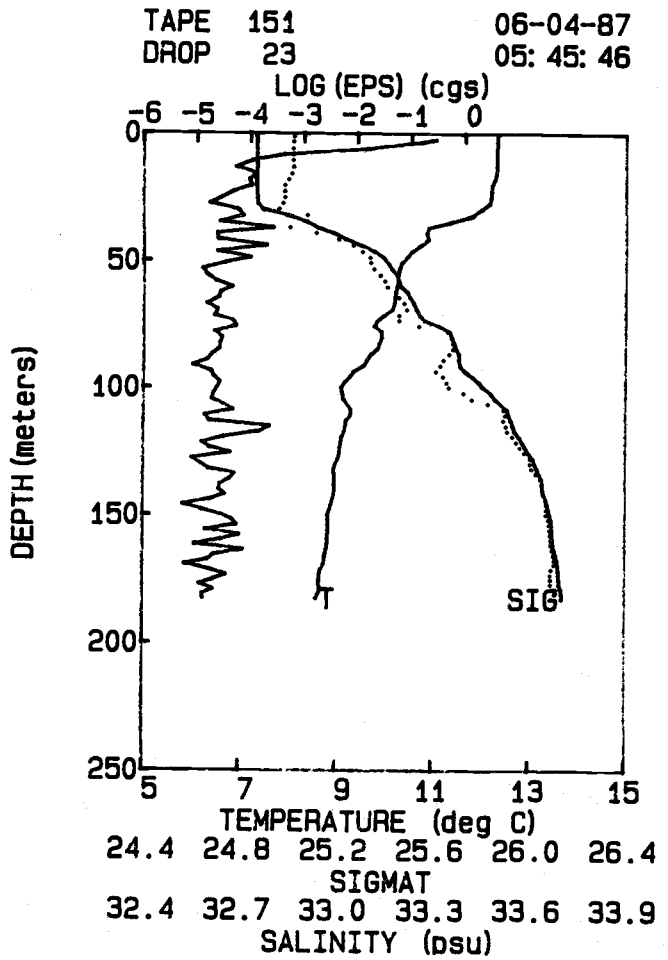
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 23
06-04-87
05: 45: 46
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DEPTH (meters)
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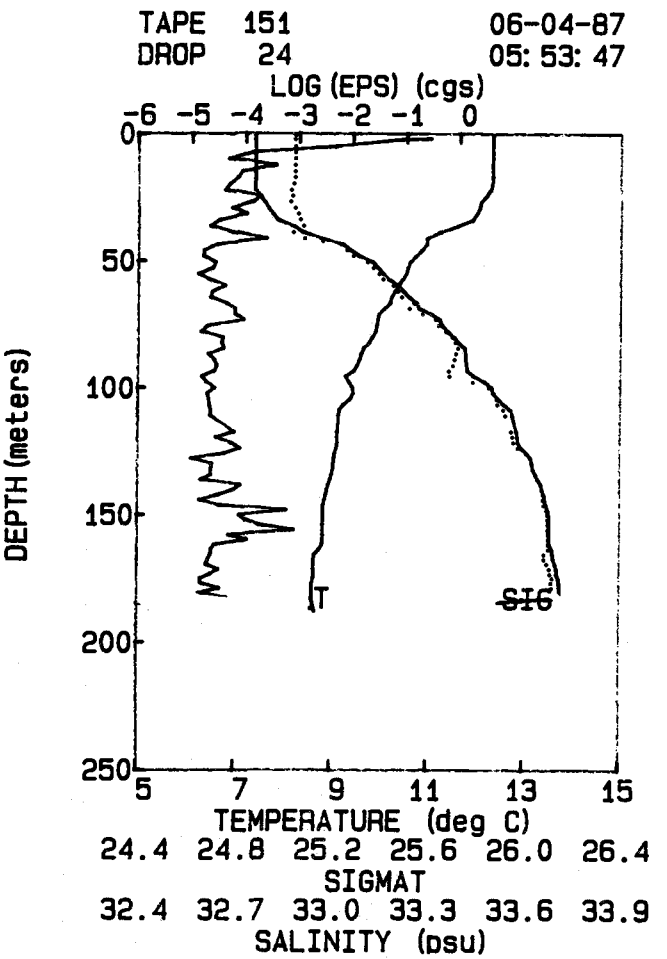
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 24
06-04-87
05: 53: 47
LOG (EPS) (cgs)
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DEPTH (meters)
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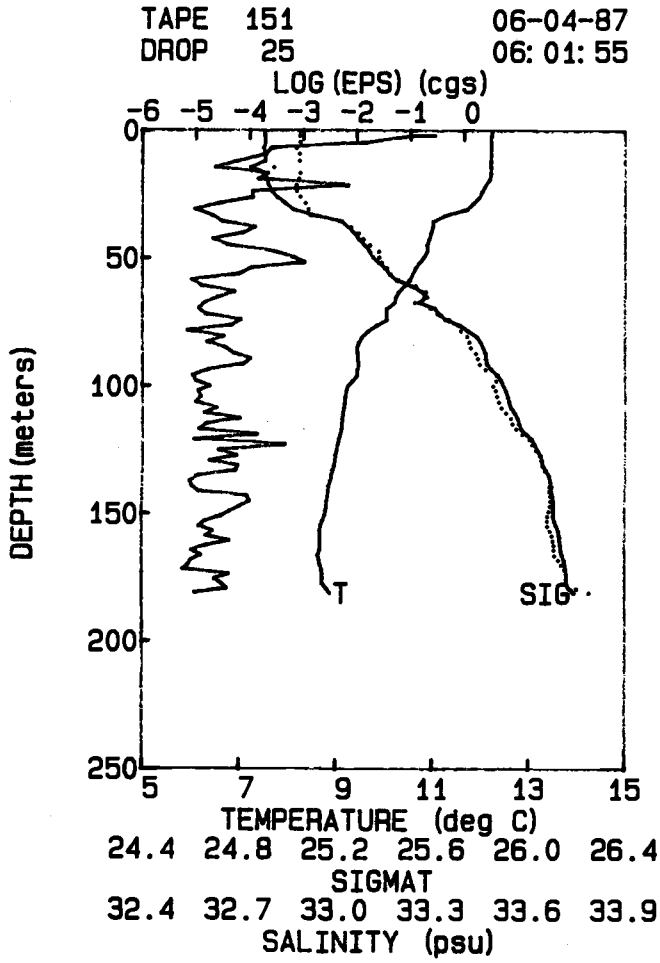
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 25
06-04-87
06: 01: 55
LOG (EPS) (cgs)
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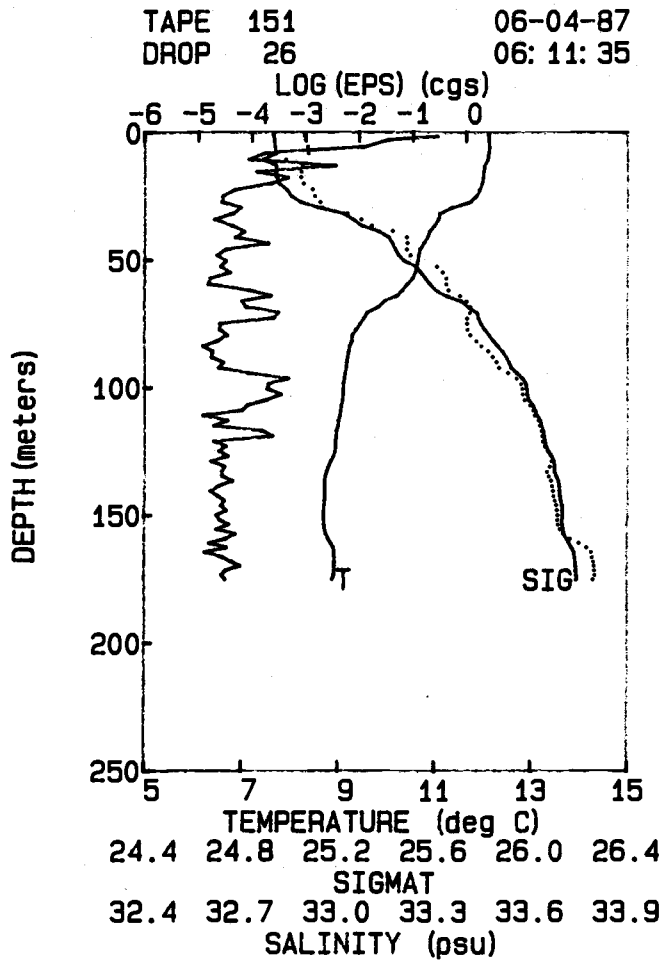
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 26
06-04-87
06: 11: 35
LOG (EPS) (cgs)
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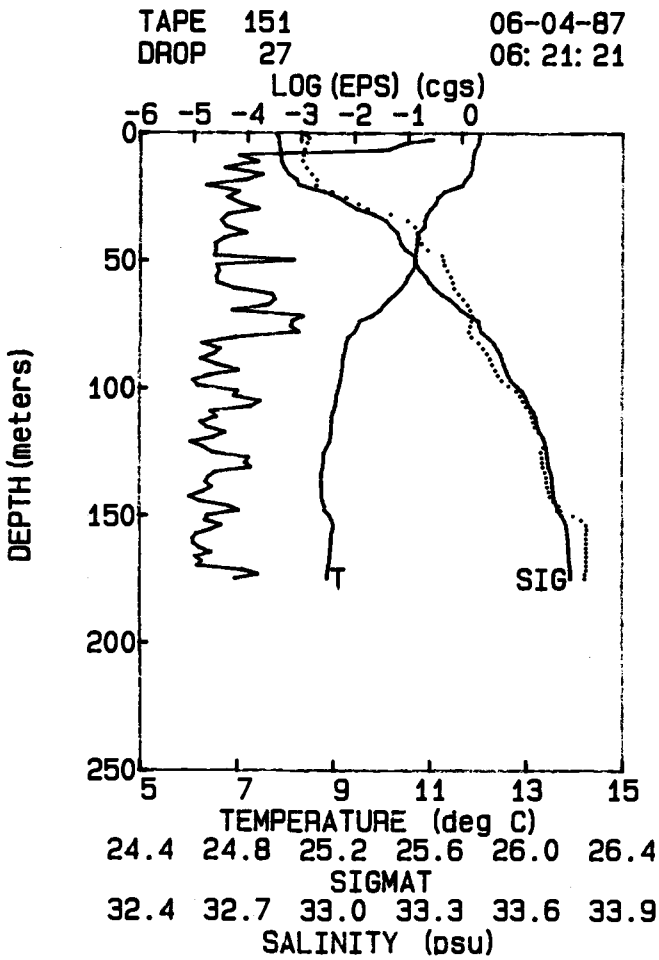
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 27
06-04-87
06: 21: 21
LOG (EPS) (cgs)
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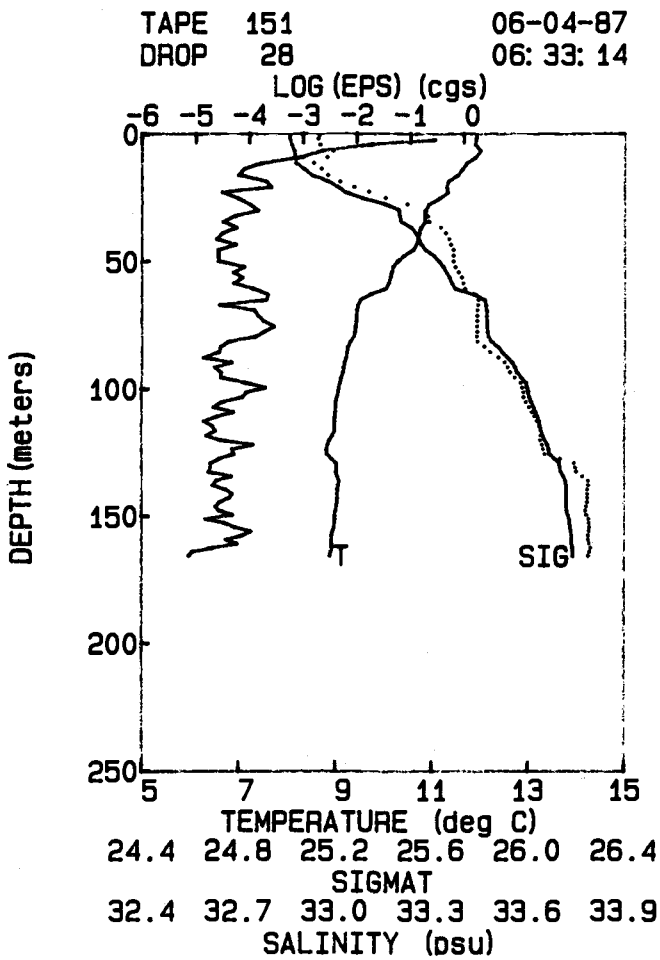
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 28
06-04-87
06: 33: 14
LOG (EPS) (cgs)
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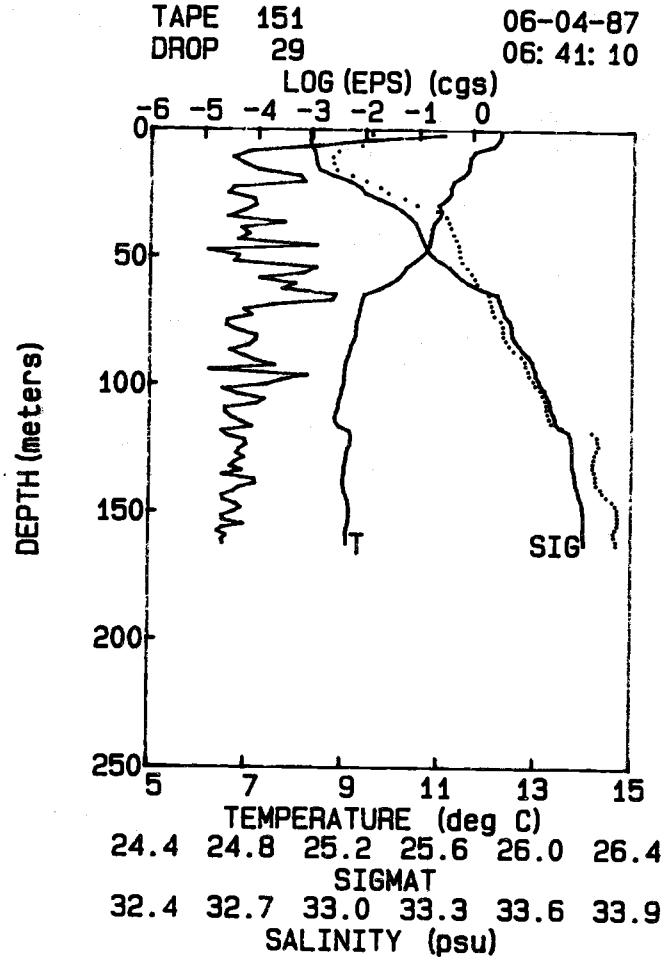
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 29
06-04-87
06: 41: 10
LOG (EPS) (cgs)
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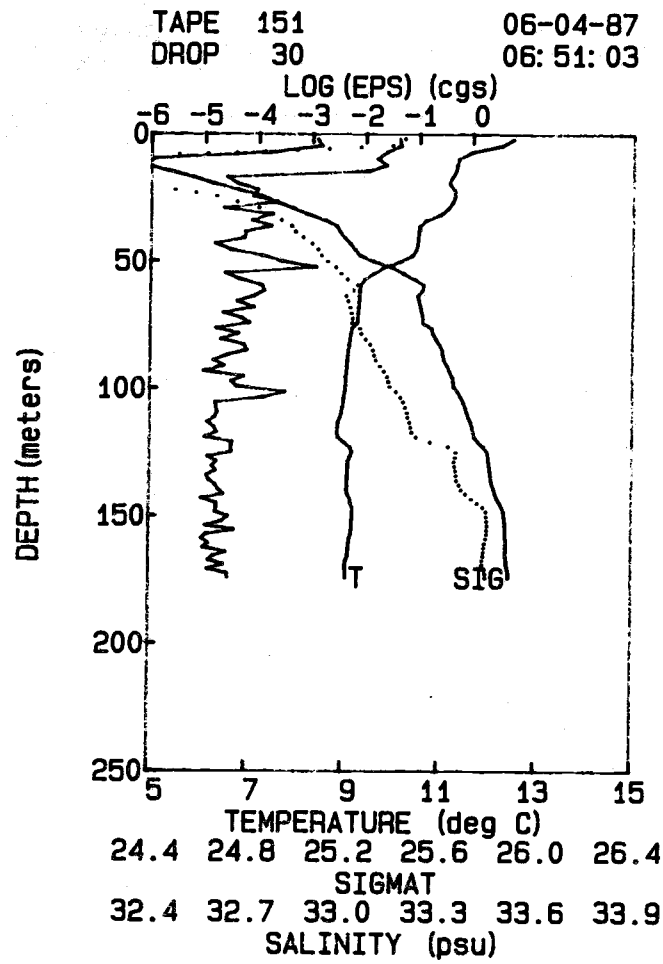
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 30
06-04-87
06: 51: 03
LOG (EPS) (cgs)
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DEPTH (meters)
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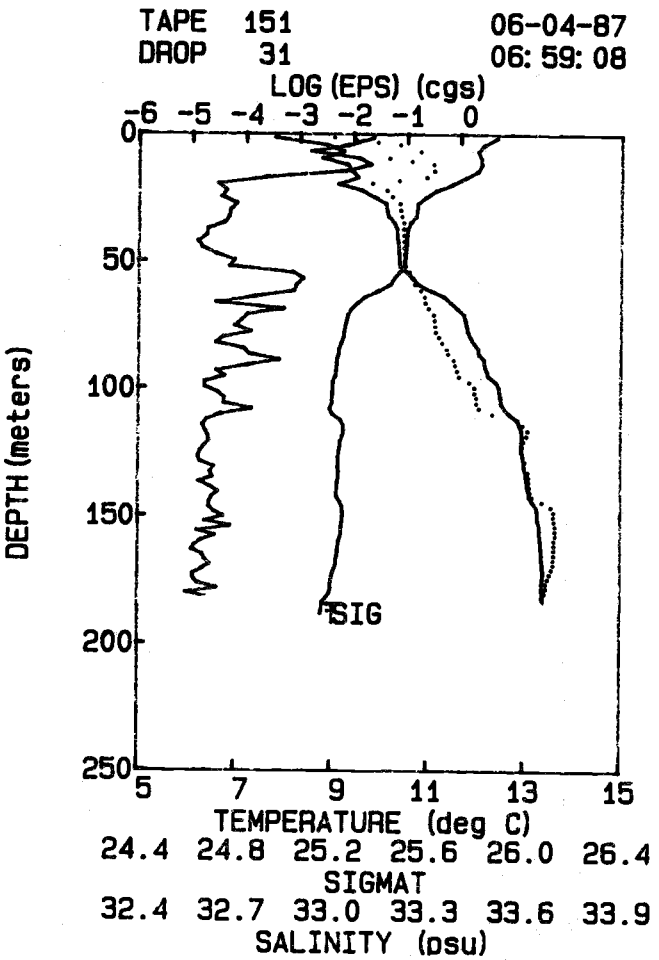
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 31
06-04-87
06: 59: 08
LOG (EPS) (cgs)
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DEPTH (meters)
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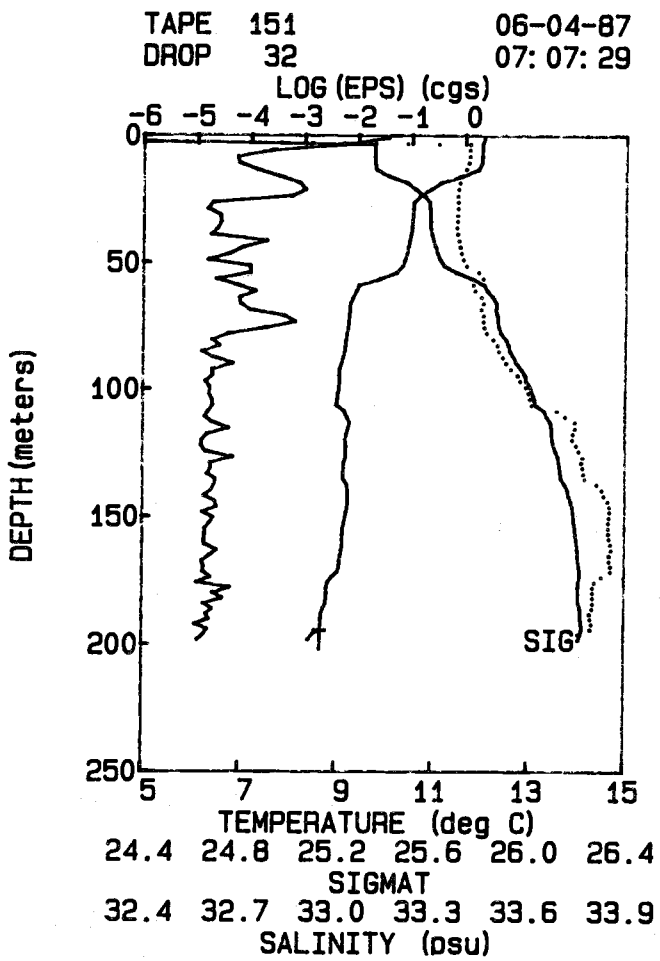
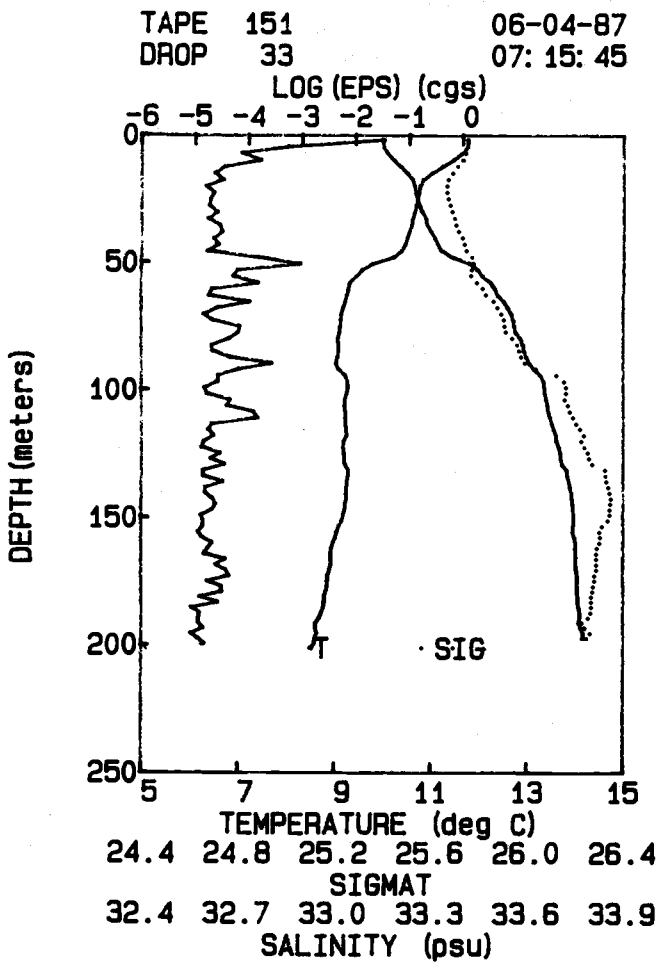
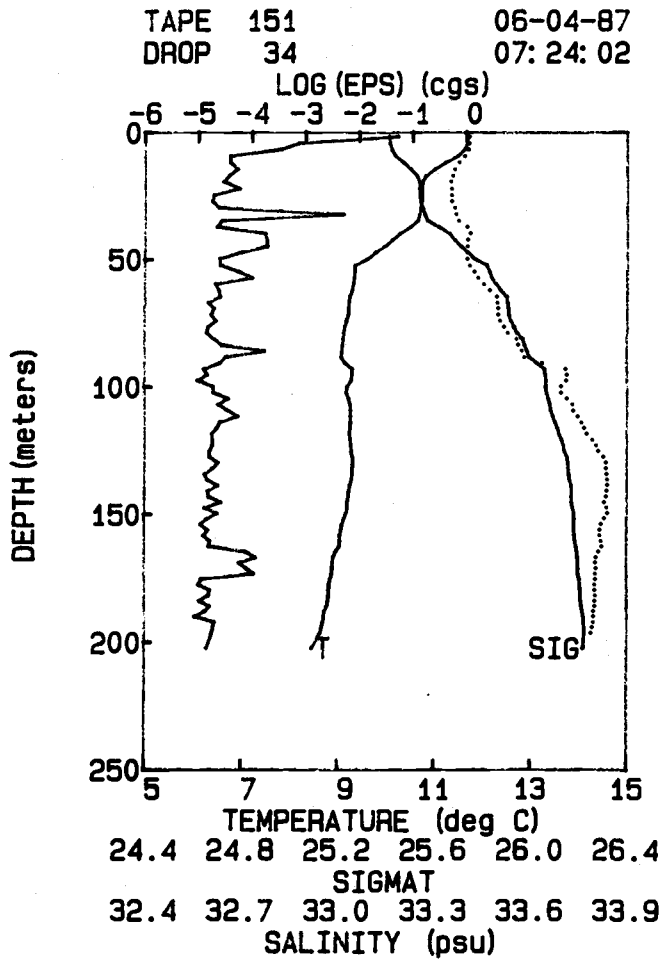
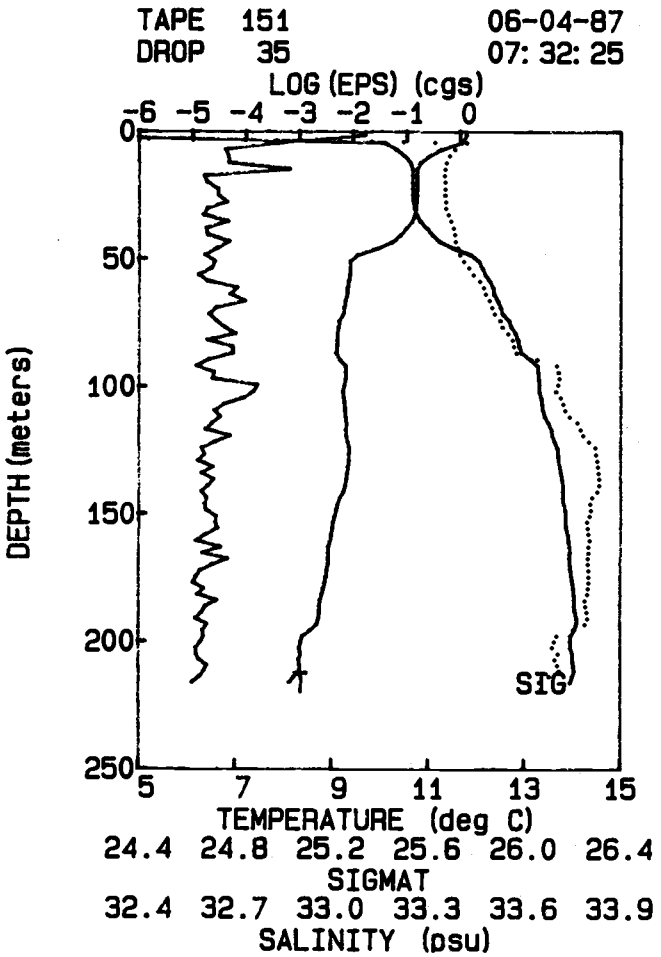
50
100
150
200
250
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 32
06-04-87
07: 07: 29
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 33
06-04-87
07: 15: 45
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 34
06-04-87
07: 24: 02
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 35
06-04-87
07: 32: 25
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-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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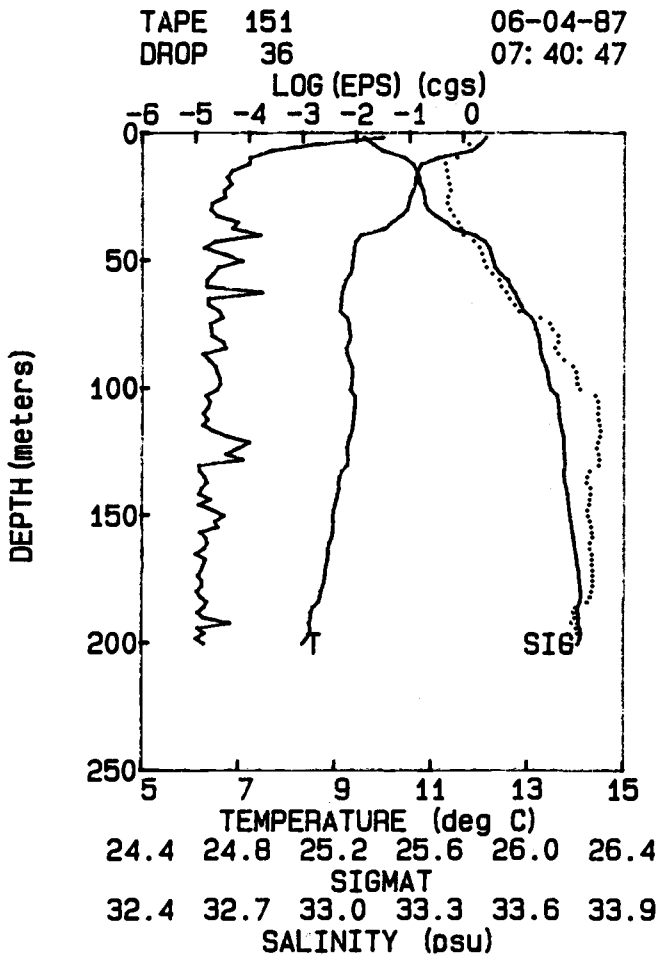
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 36
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DEPTH (meters)
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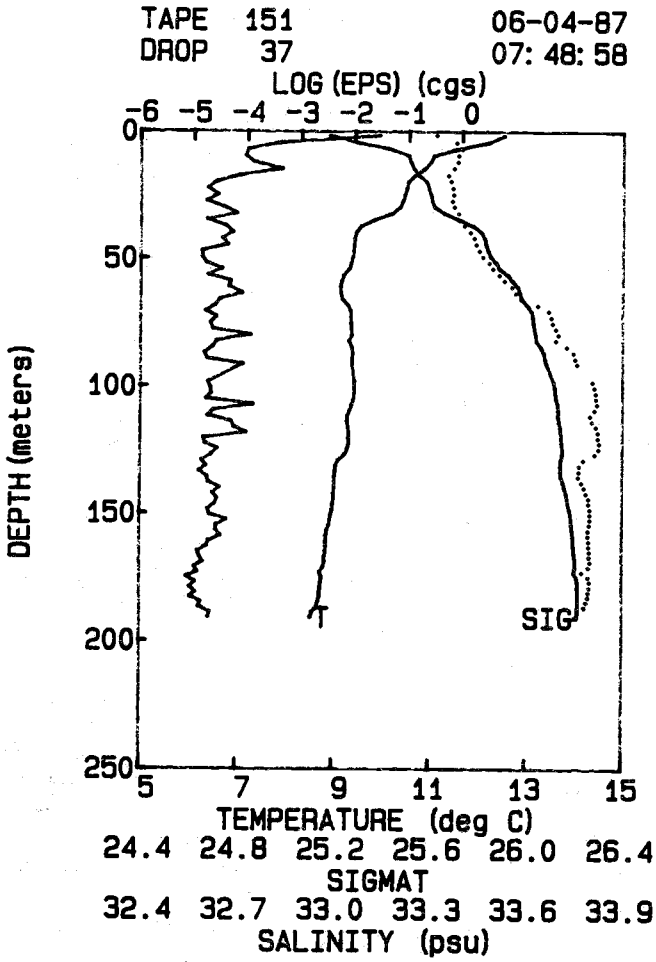
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 37
06-04-87
07: 48: 58
LOG (EPS) (cgs)
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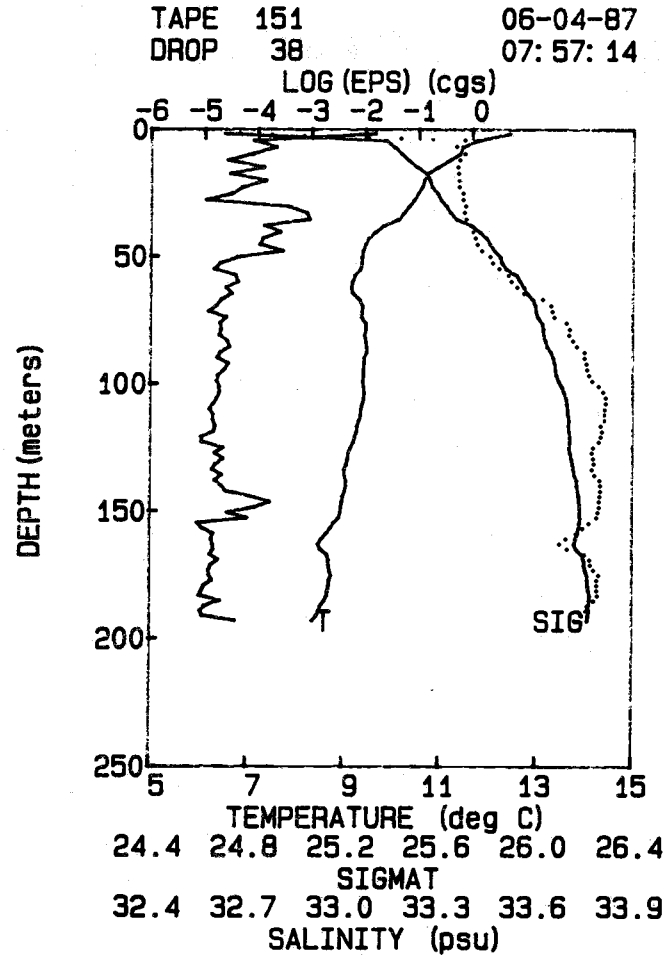
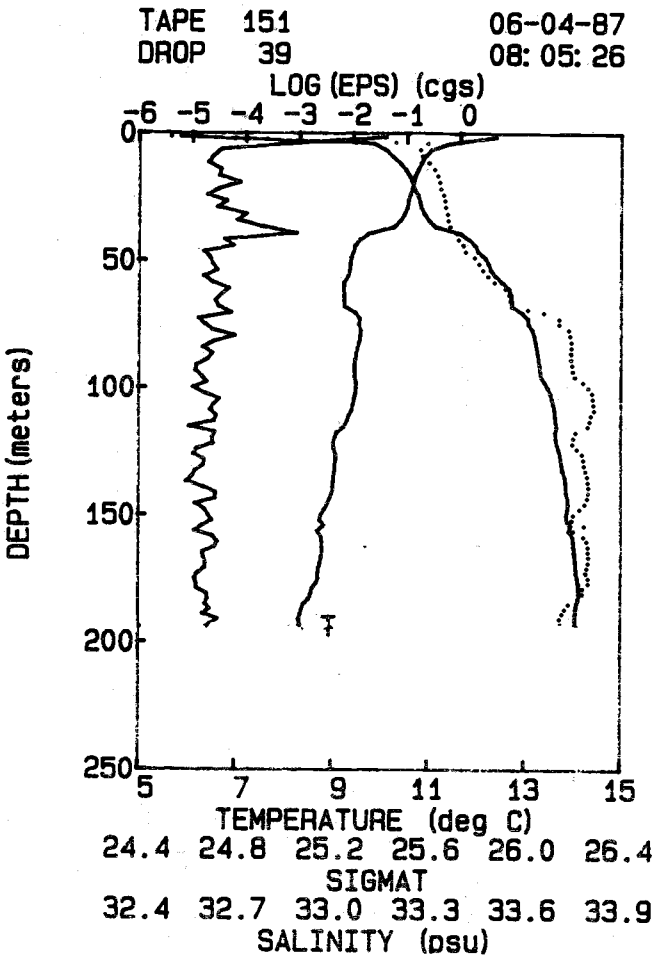
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 38
06-04-87
07: 57: 14
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 39
06-04-87
08: 05: 26
LOG (EPS) (cgs)
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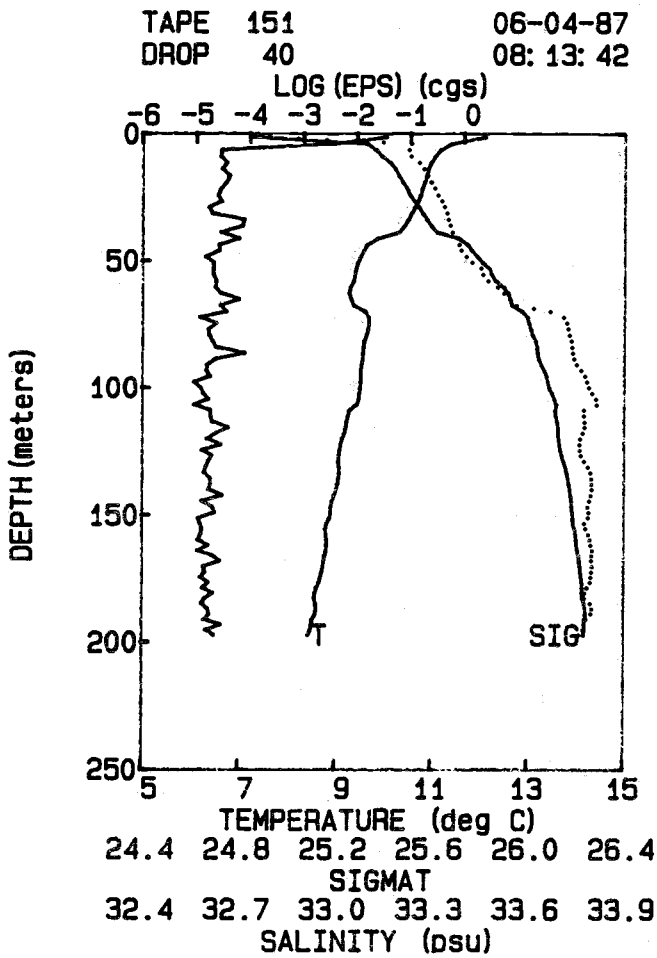
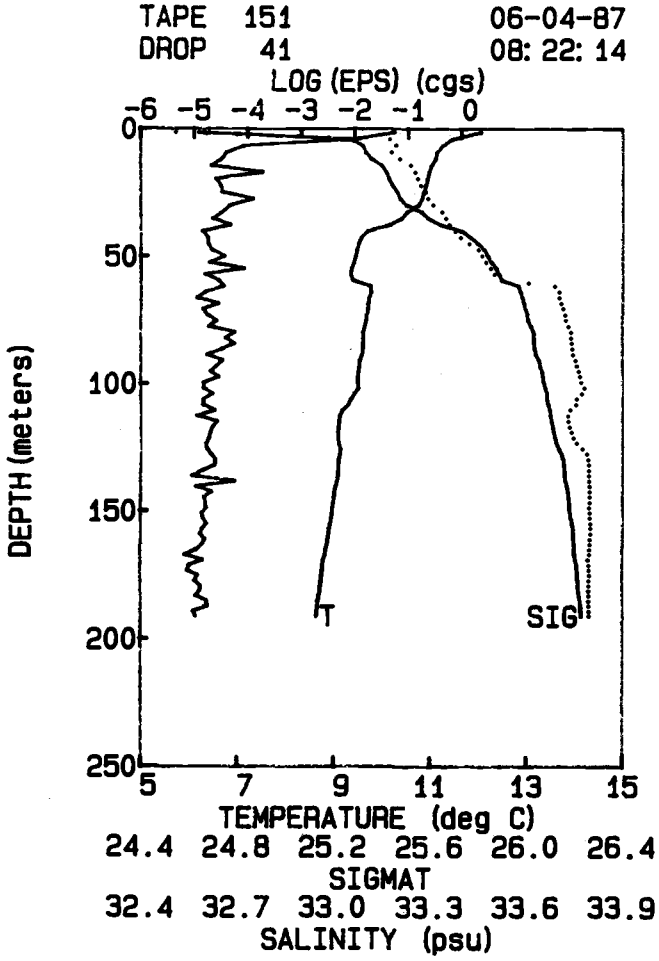
DEPTH (meters)
0
50
100
150
200
250
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 40
06-04-87
08: 13: 42
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 41
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08: 22: 14
LOG (EPS) (cgs)
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DEPTH (meters)
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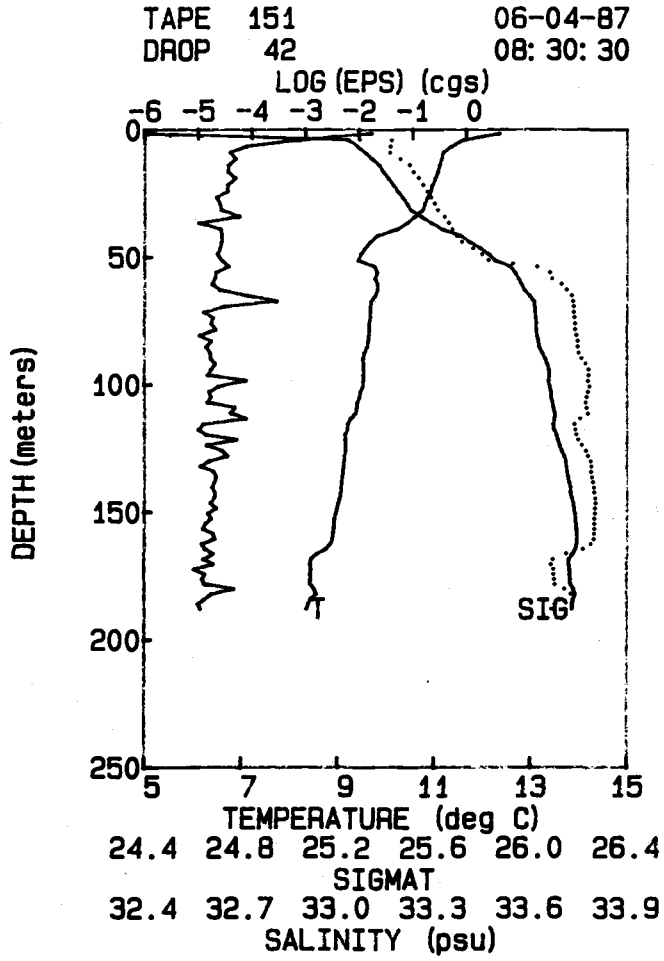
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 42
06-04-87
08: 30: 30
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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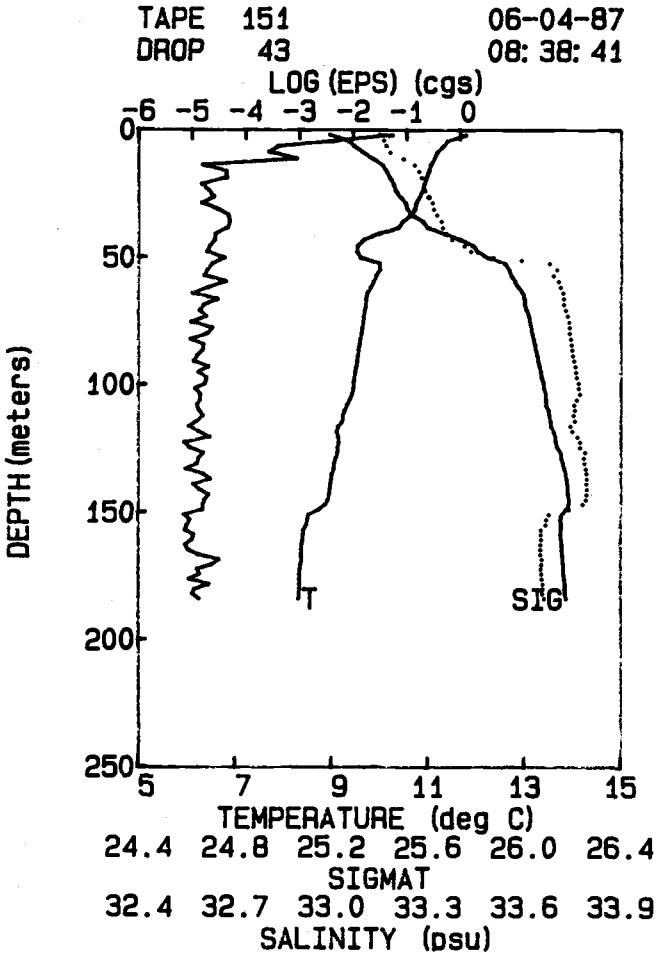
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 43
06-04-87
08: 38: 41
LOG (EPS) (cgs)
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DEPTH (meters)
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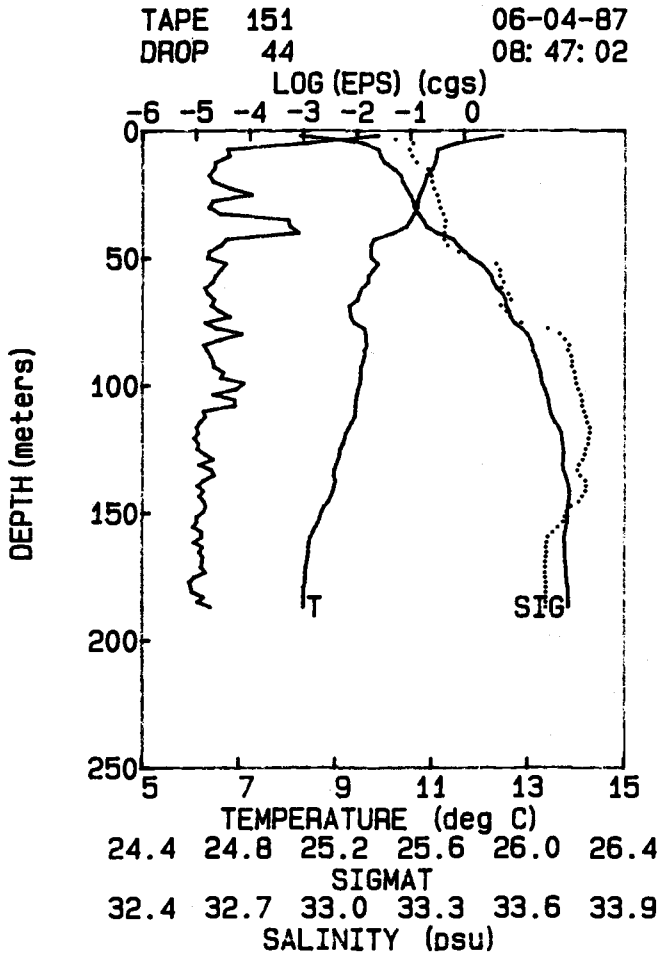
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 44
06-04-87
08: 47: 02
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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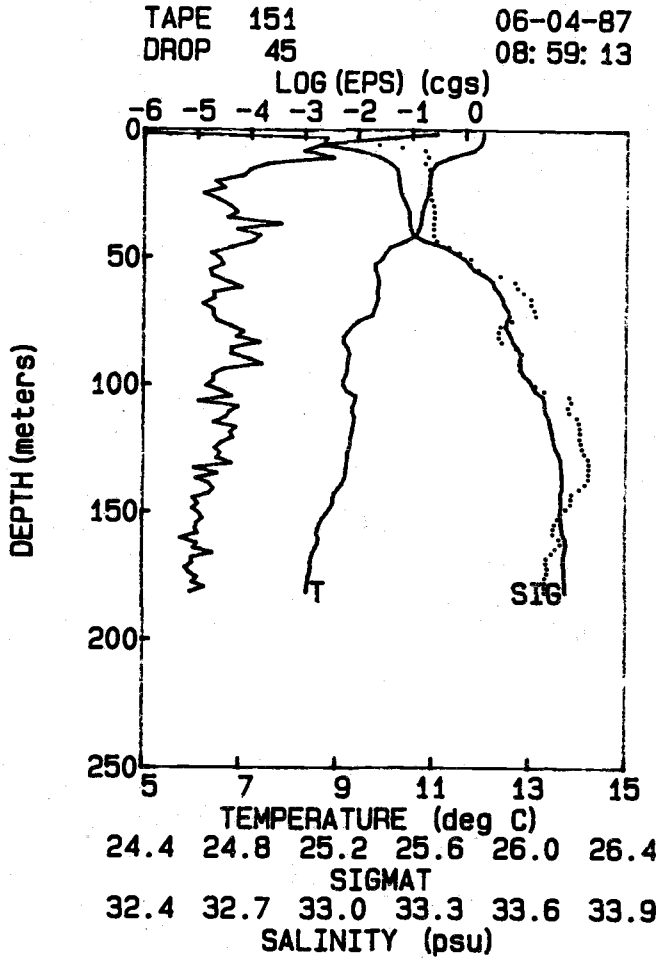
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 45
06-04-87
08: 59: 13
LOG (EPS) (cgs)
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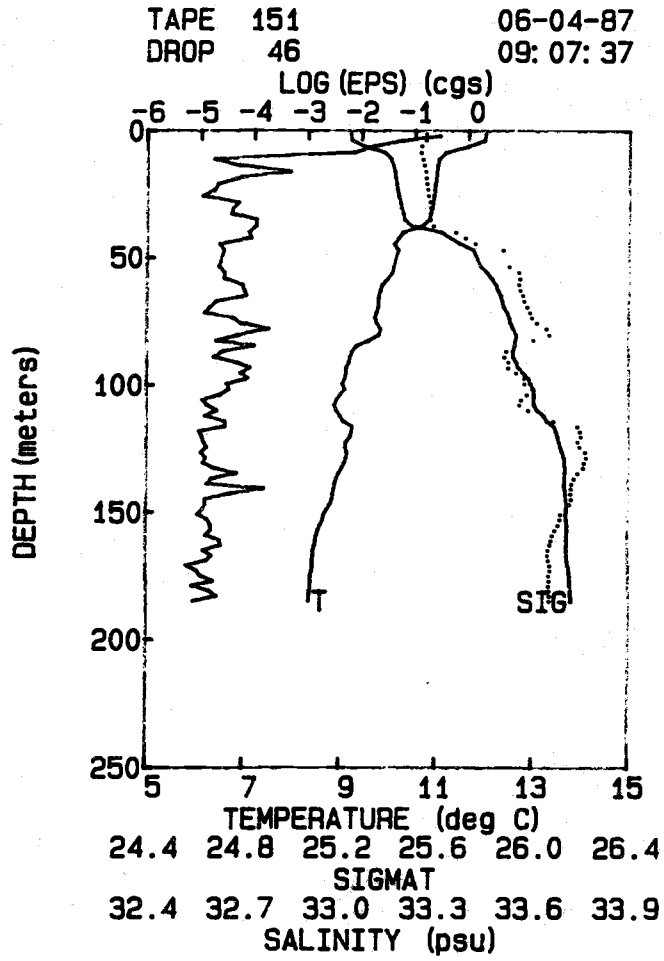
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 46
06-04-87
09: 07: 37
LOG (EPS) (cgs)
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DEPTH (meters)
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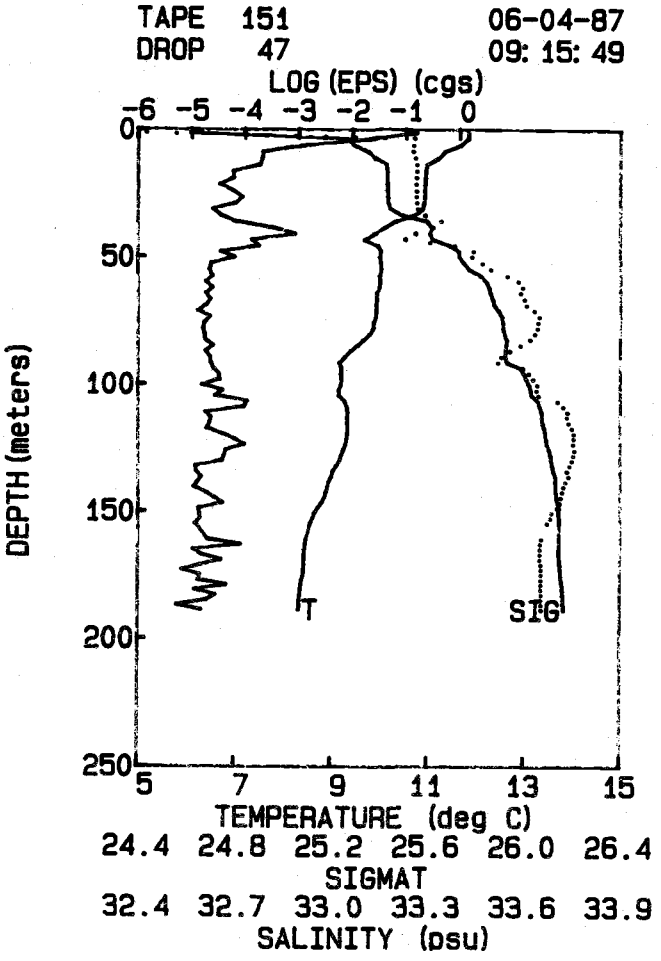
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 47
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LOG (EPS) (cgs)
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DEPTH (meters)
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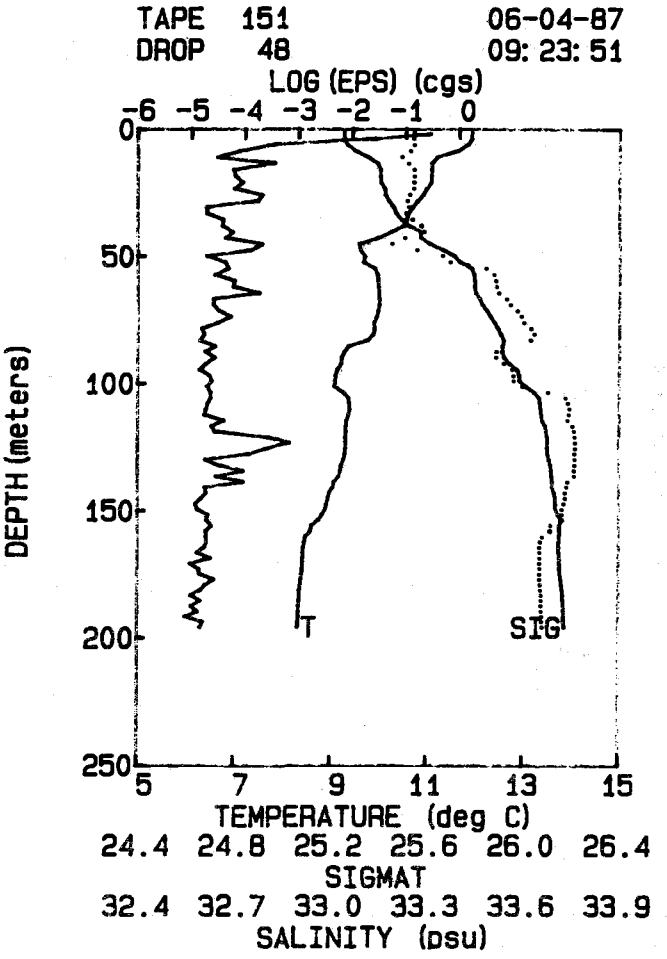
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 48
06-04-87
09: 23: 51
LOG (EPS) (cgs)
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DEPTH (meters)
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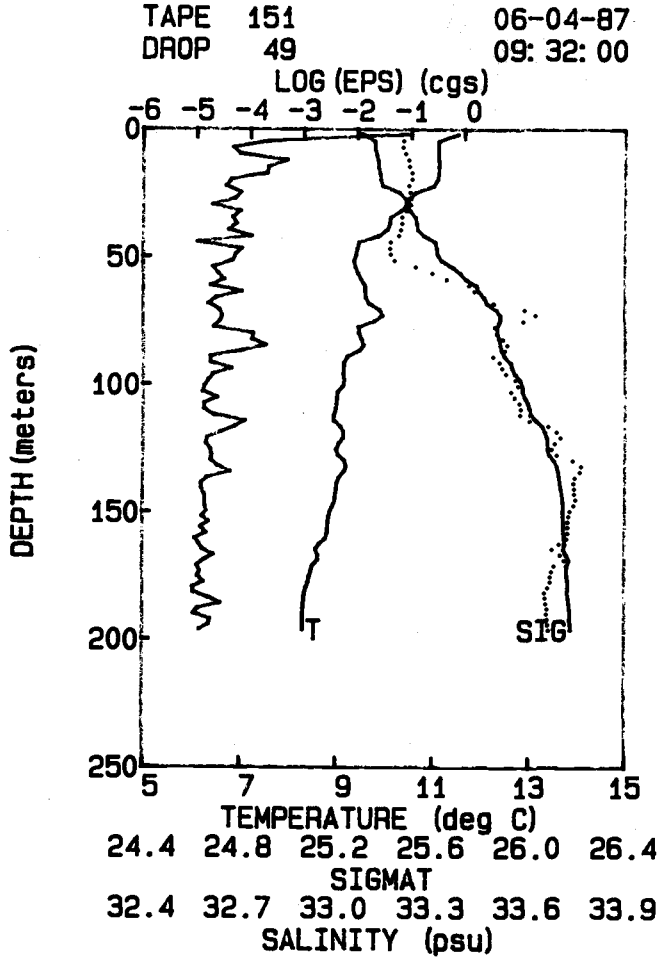
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 49
06-04-87
09: 32: 00
LOG (EPS) (cgs)
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DEPTH (meters)
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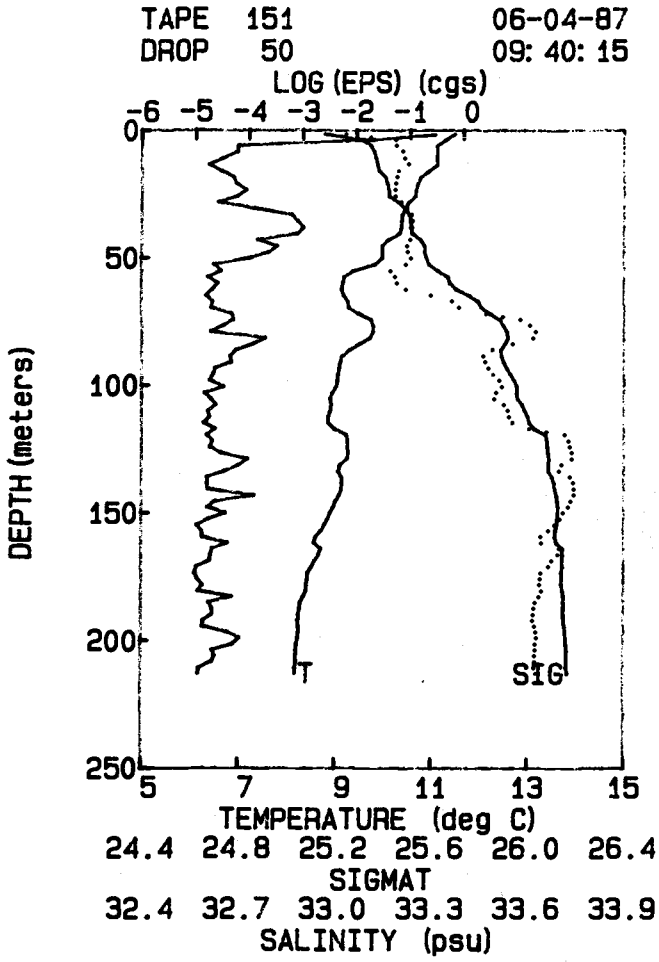
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 50
06-04-87
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LOG (EPS) (cgs)
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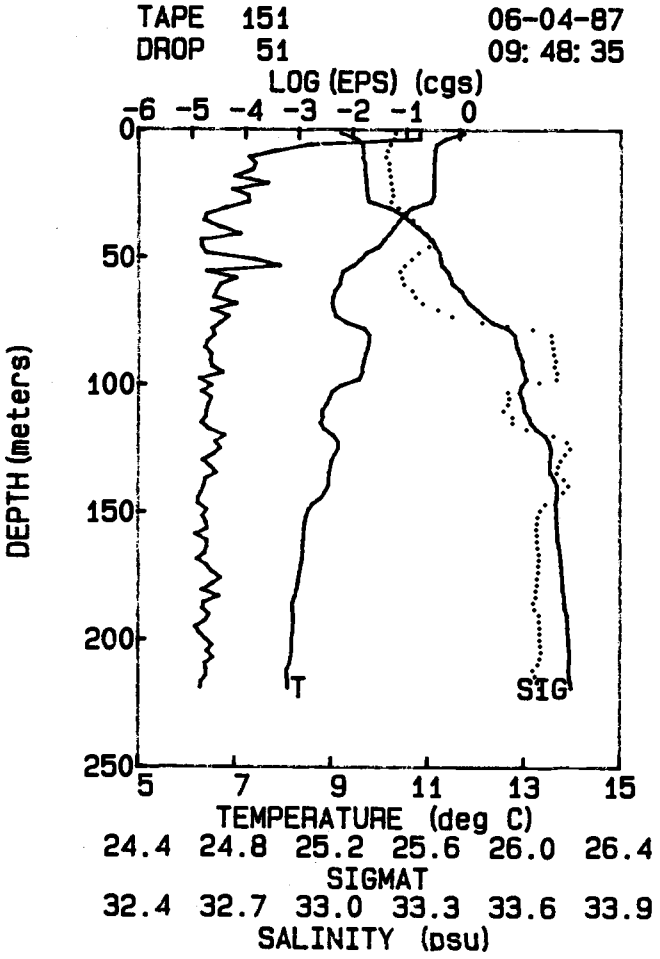
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 151
DROP 51
06-04-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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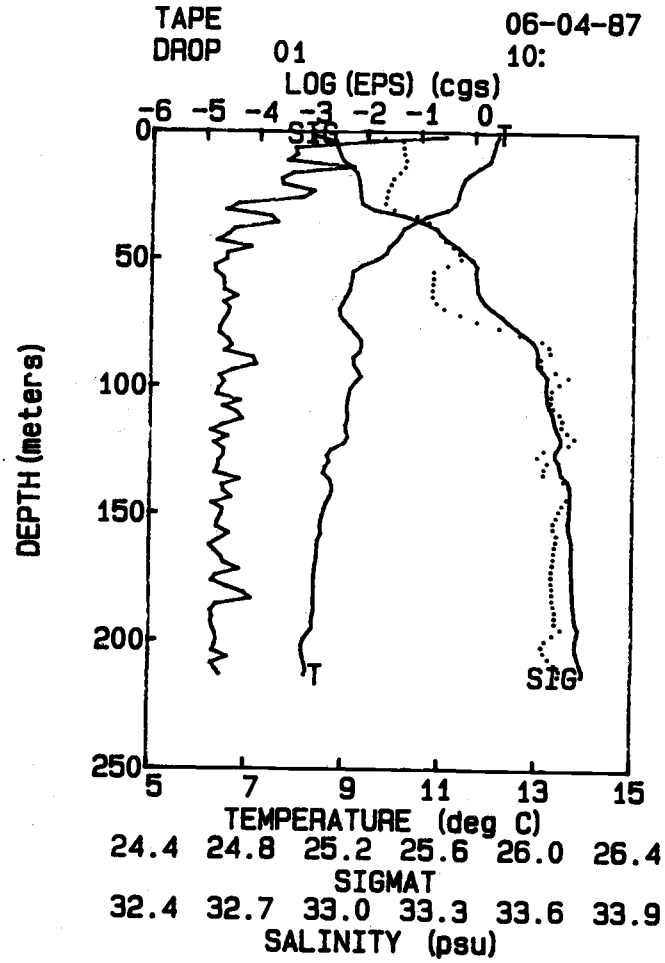
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE
DROP 01
06-04-87
10:
LOG (EPS) (cgs)
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SIG
T
DEPTH (meters)
0
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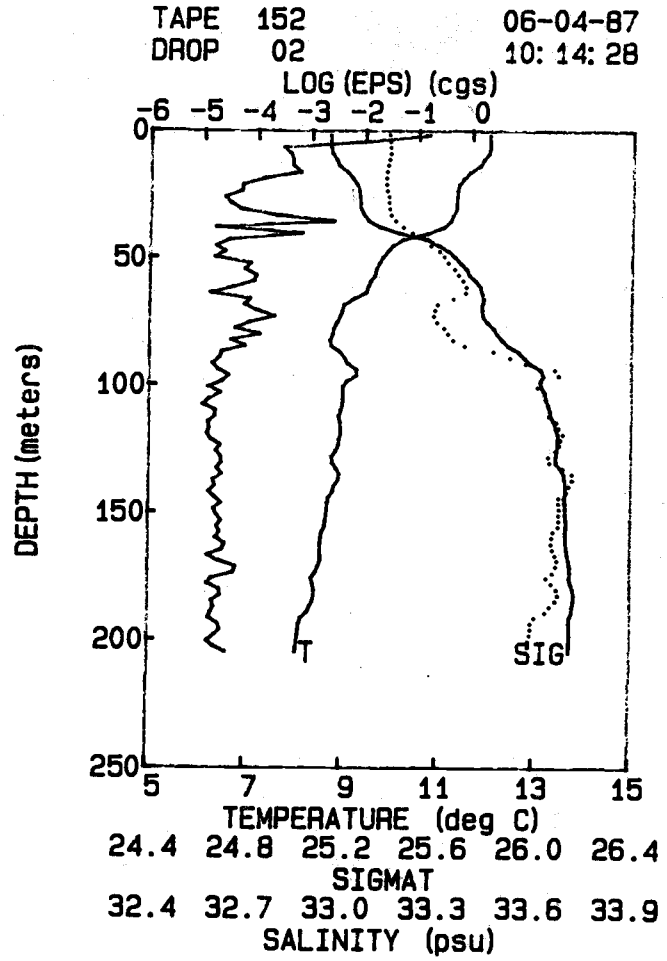
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 02
06-04-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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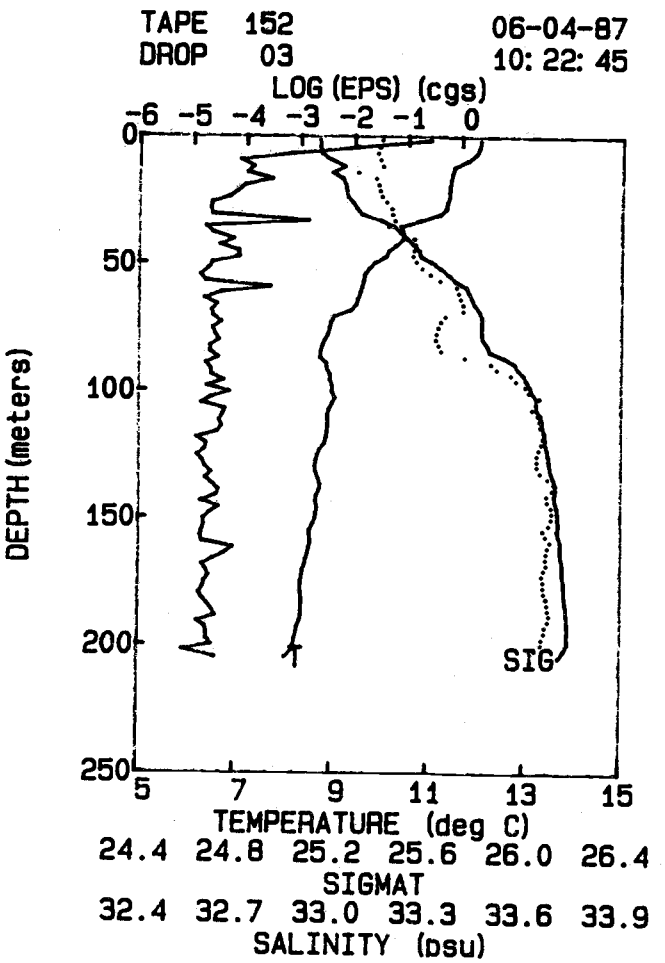
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 03
06-04-87
10: 22: 45
LOG (EPS) (cgs)
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DEPTH (meters)
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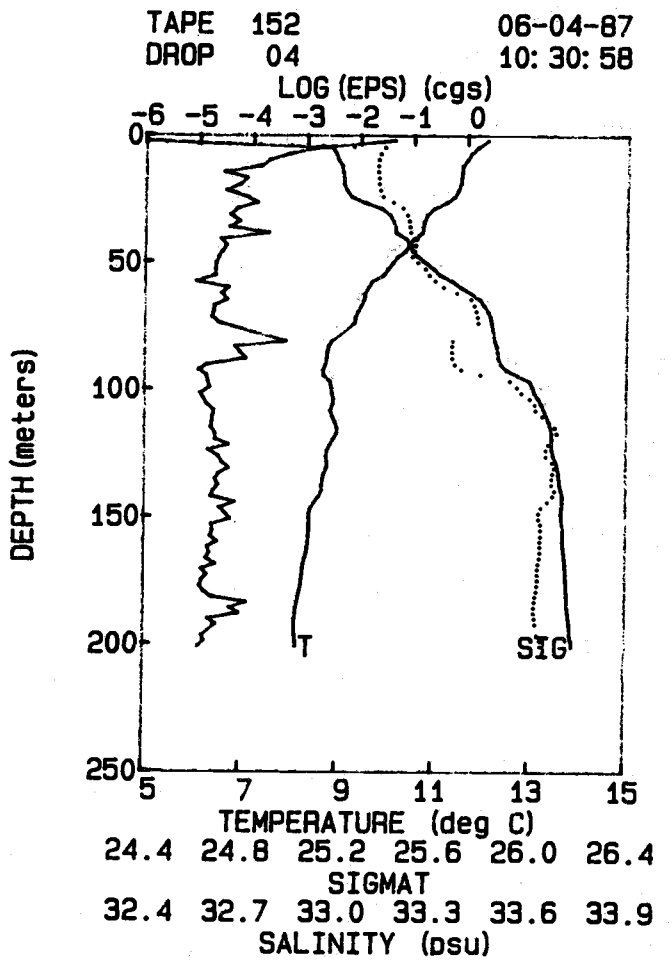
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 04
06-04-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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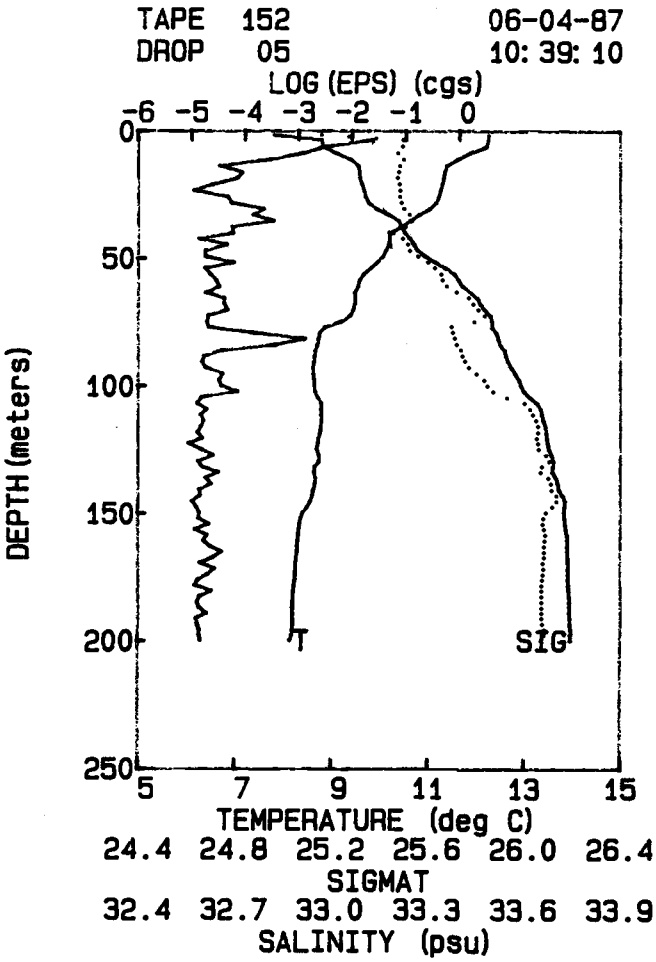
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 05
06-04-87
10: 39: 10
LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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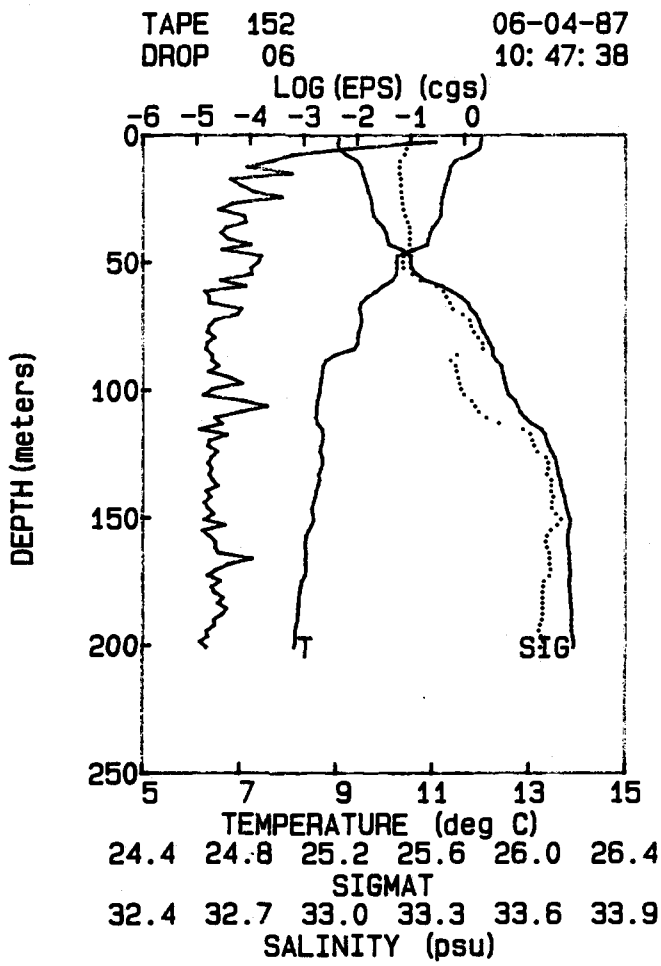
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 06
06-04-87
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DEPTH (meters)
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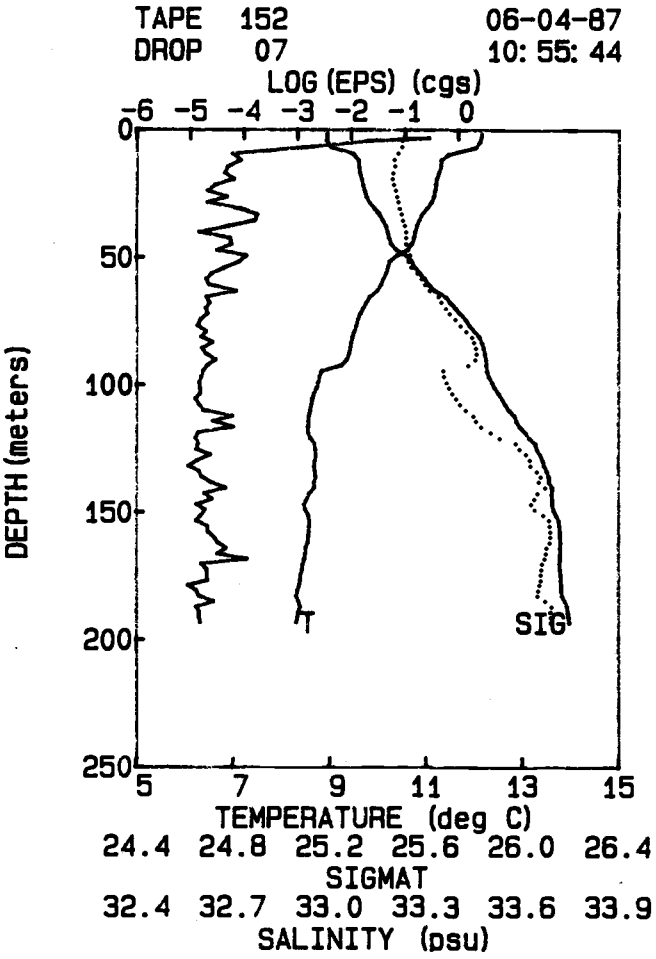
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 07
06-04-87
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LOG (EPS) (cgs)
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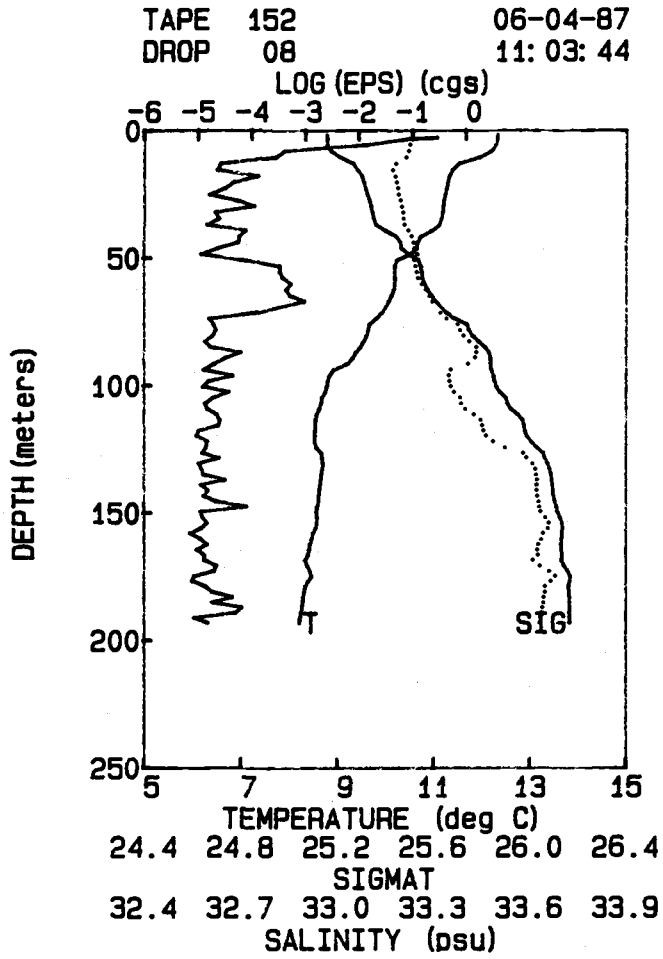
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 08
06-04-87
11: 03: 44
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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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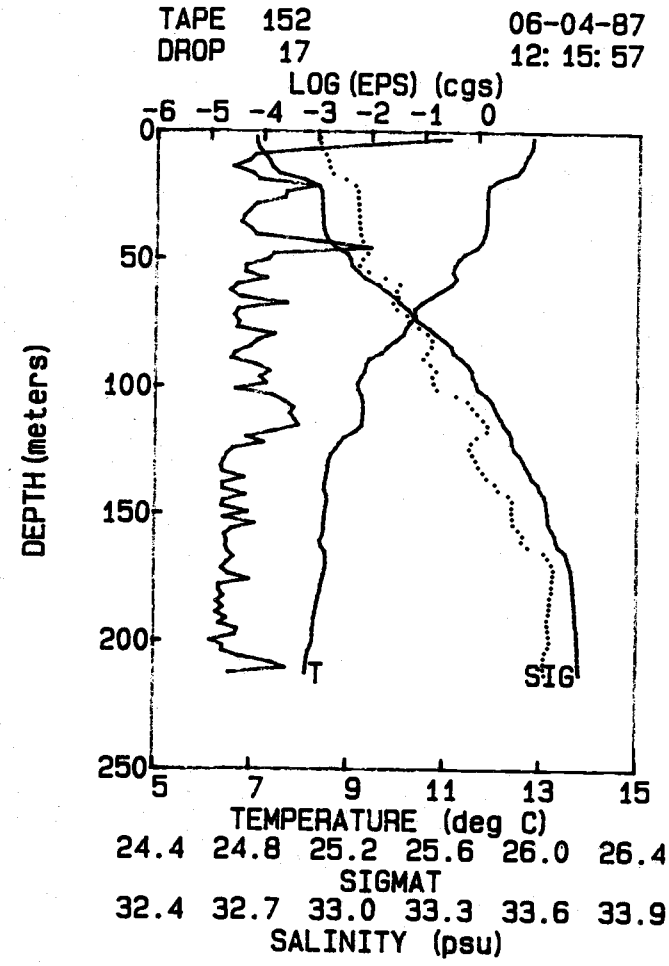
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 17
06-04-87
12: 15: 57
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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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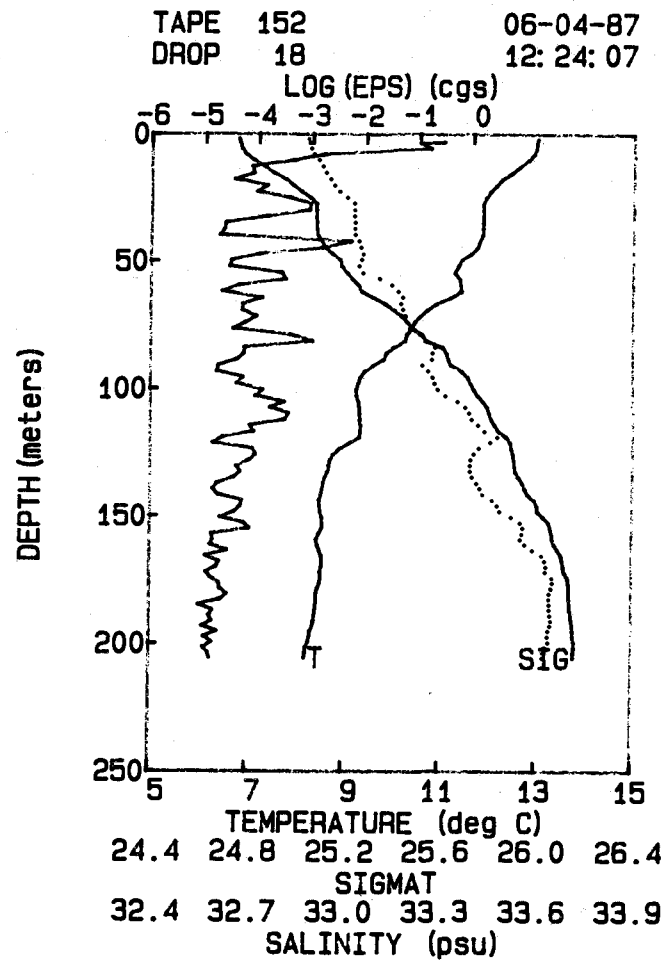
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 18
06-04-87
12: 24: 07
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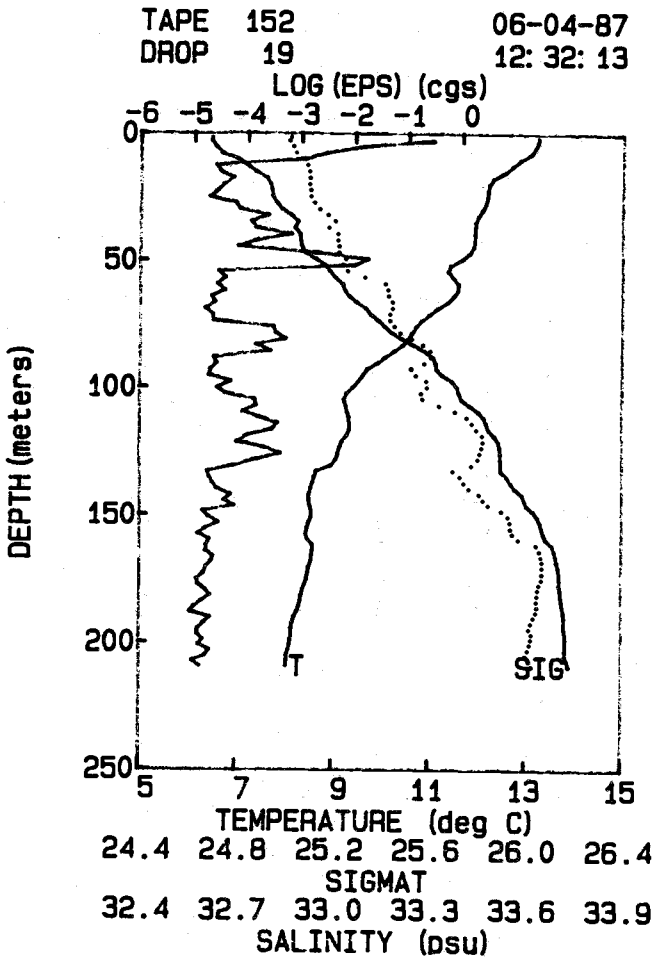
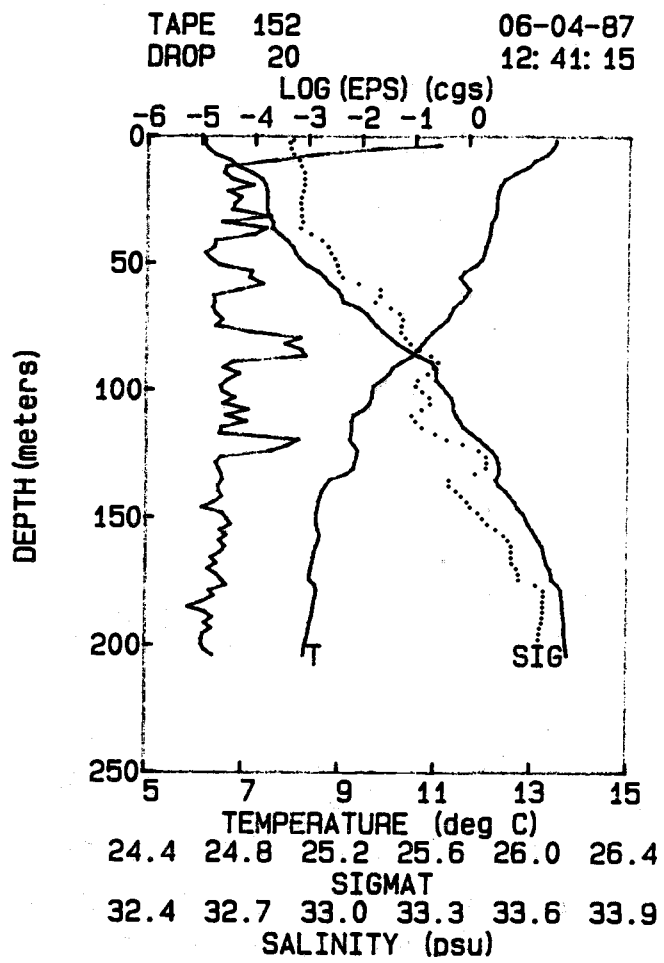
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 19
06-04-87
12: 32: 13
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 20
06-04-87
12: 41: 15
LOG (EPS) (cgs)
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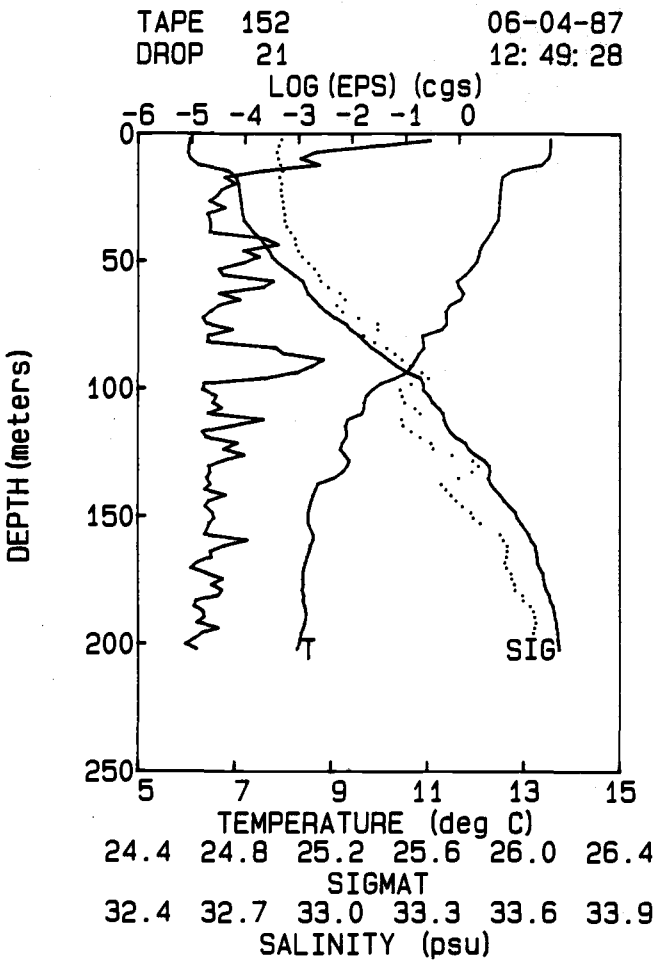
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 21
06-04-87
12: 49: 28
LOG (EPS) (cgs)
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DEPTH (meters)
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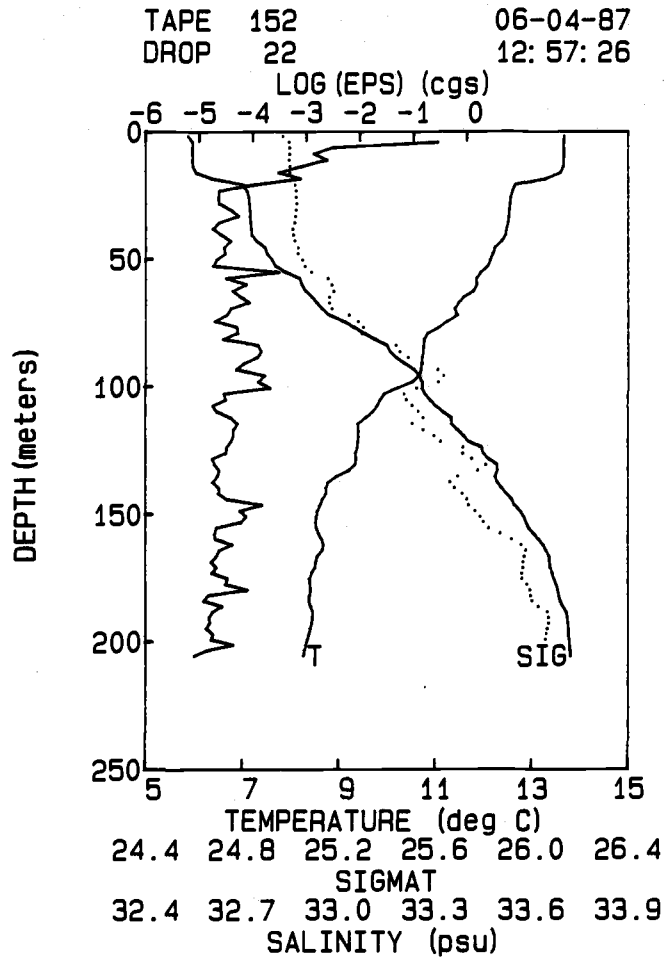
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)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DROP 22
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12: 57: 26
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DEPTH (meters)
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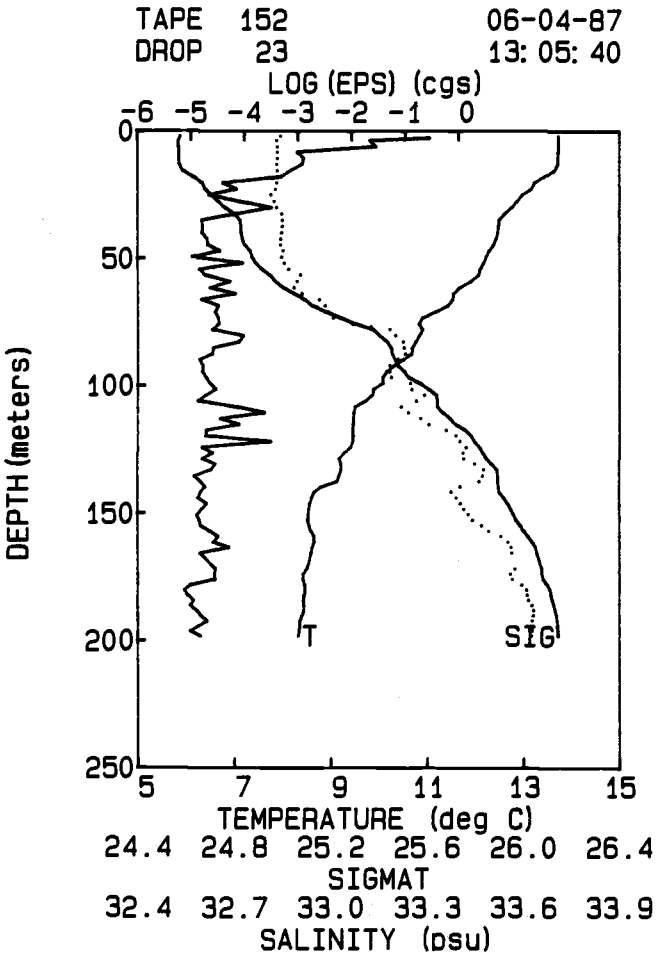
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 23
06-04-87
13: 05: 40
LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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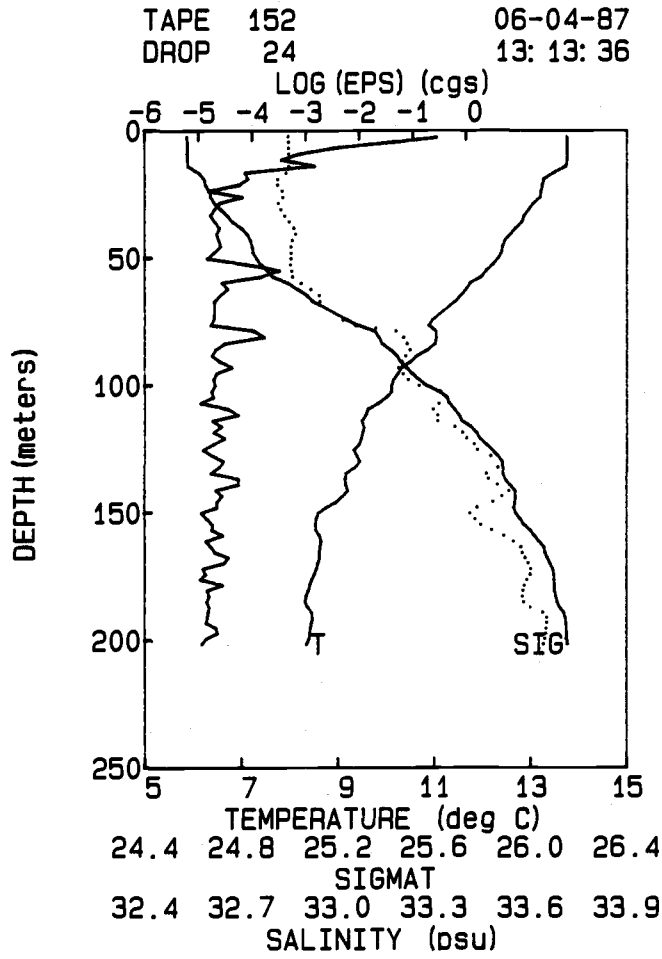
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 24
06-04-87
13: 13: 36
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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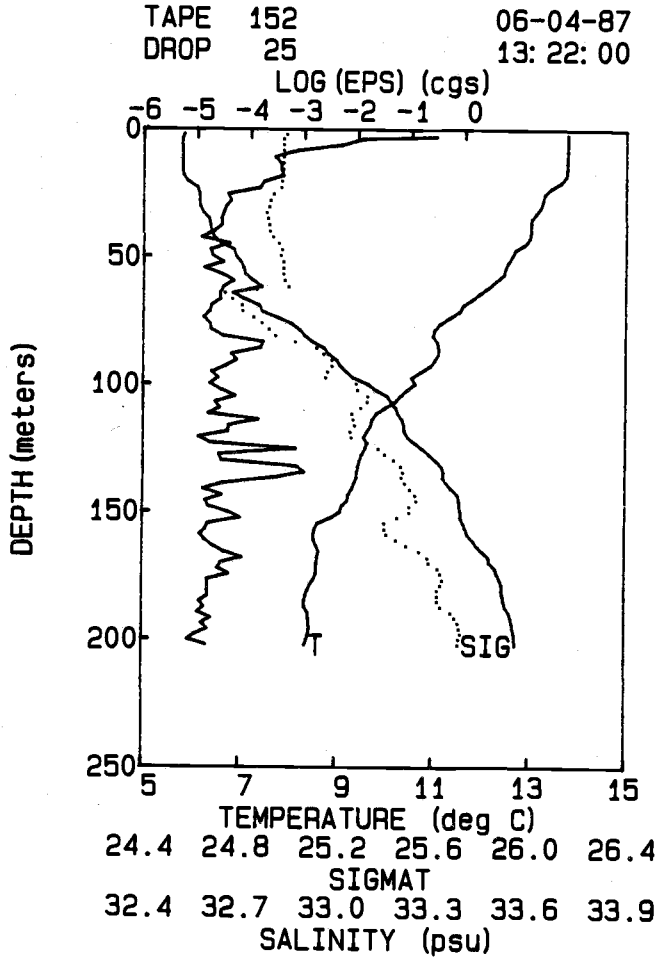
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 25
06-04-87
13: 22: 00
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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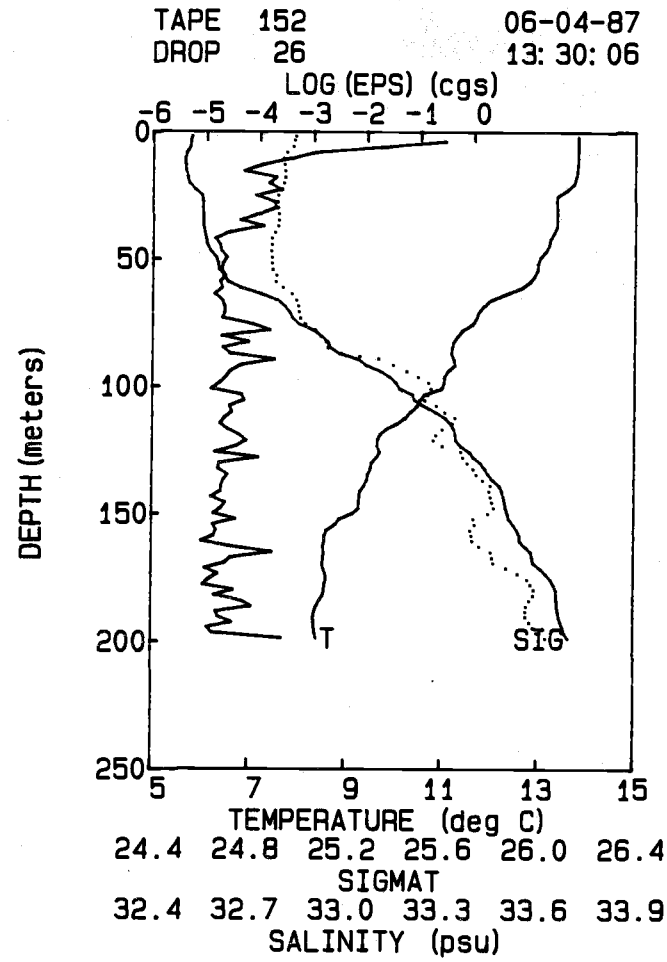
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 26
06-04-87
13: 30: 06
LOG (EPS) (cgs)
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DEPTH (meters)
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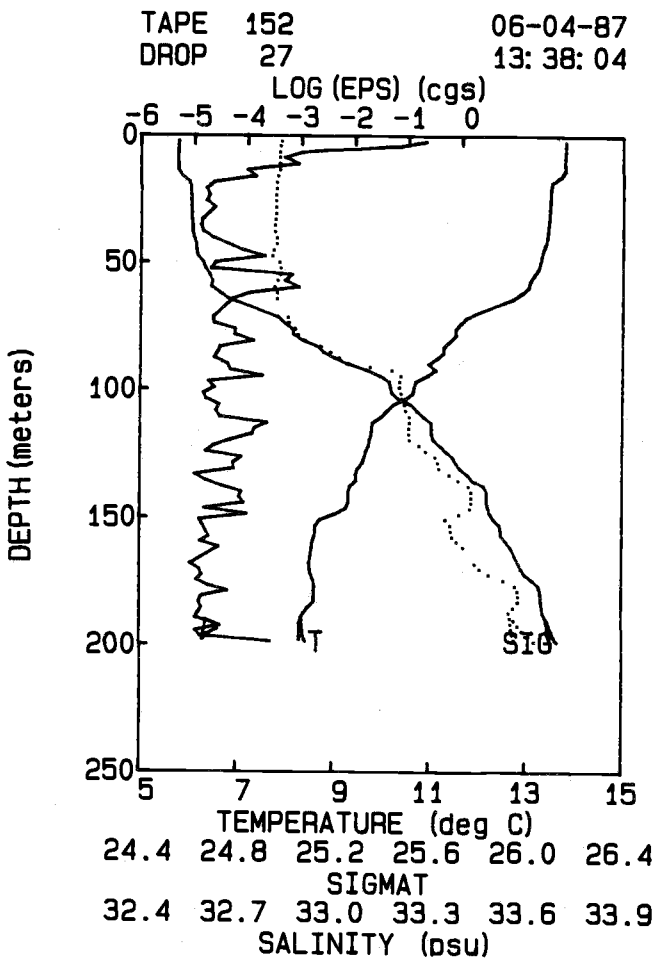
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 27
06-04-87
13: 38: 04
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DEPTH (meters)
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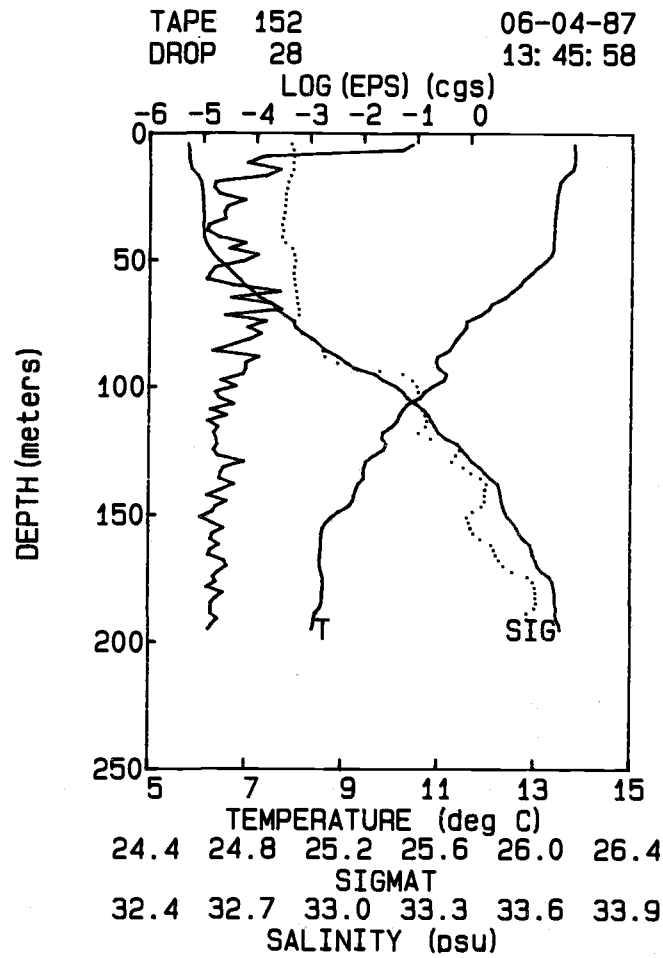
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 28
06-04-87
13: 45: 58
LOG (EPS) (cgs)
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DEPTH (meters)
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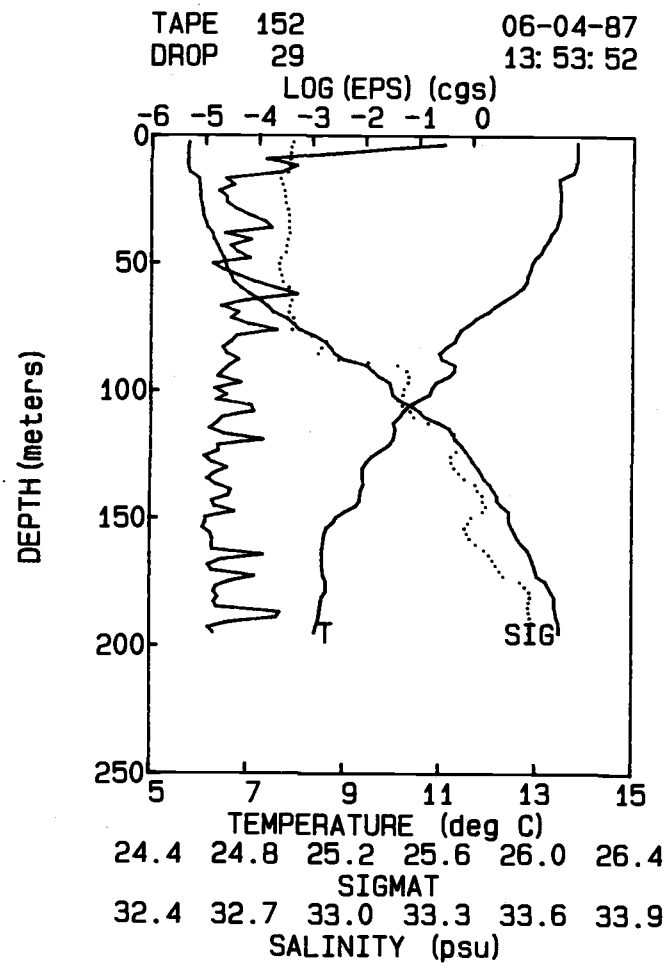
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 29
06-04-87
13: 53: 52
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DEPTH (meters)
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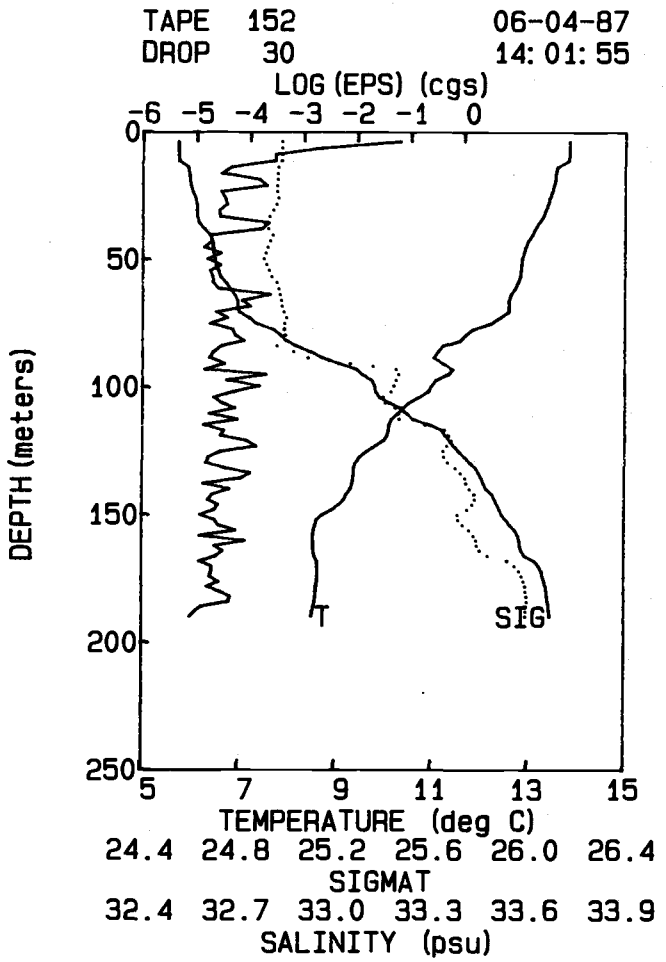
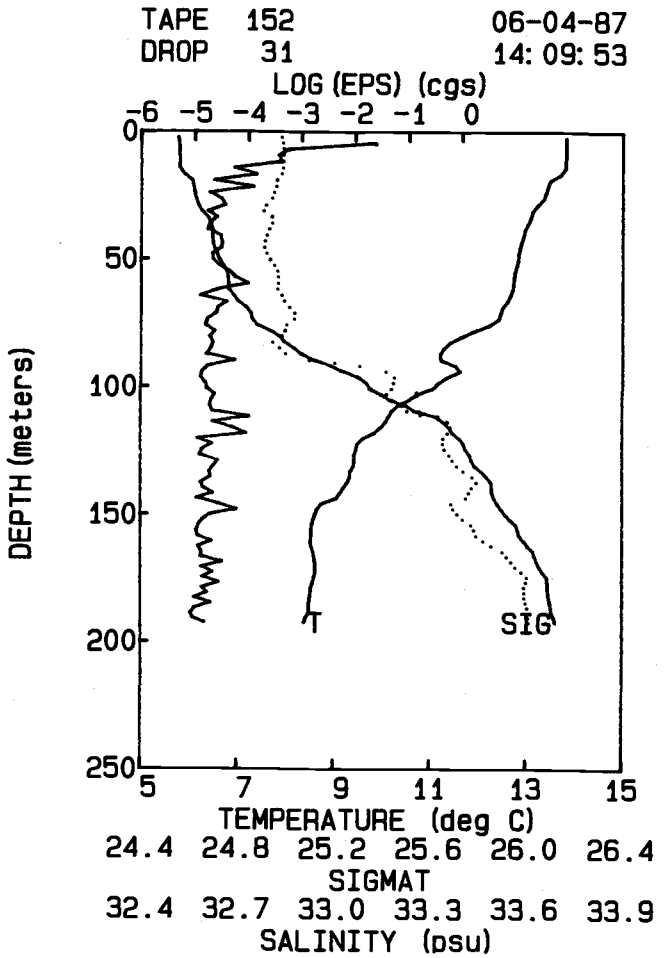
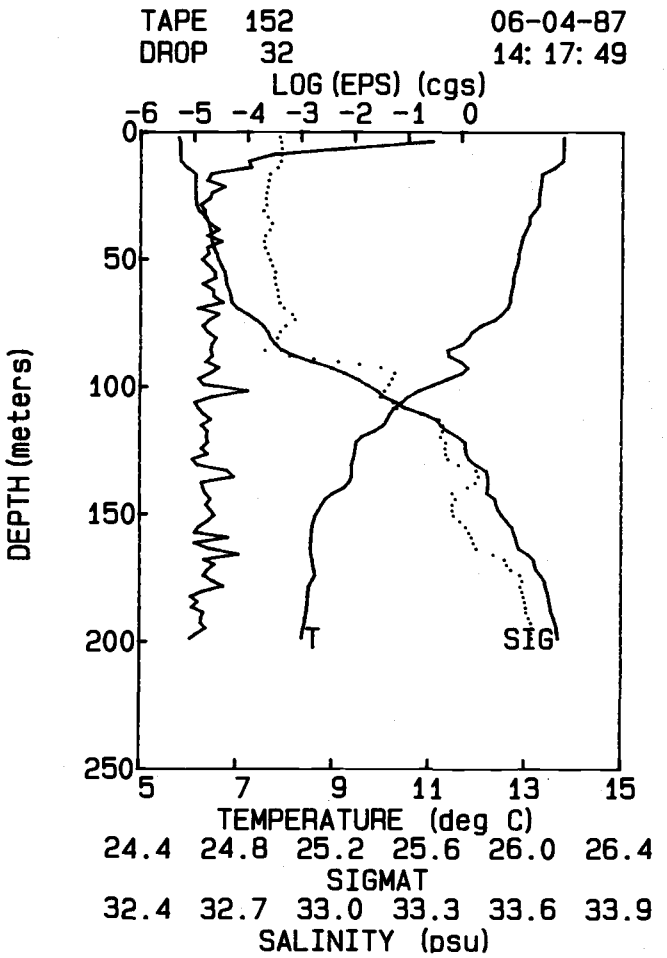
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 30
06-04-87
14: 01: 55
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 31
06-04-87
14: 09: 53
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 32
06-04-87
14: 17: 49
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DEPTH (meters)
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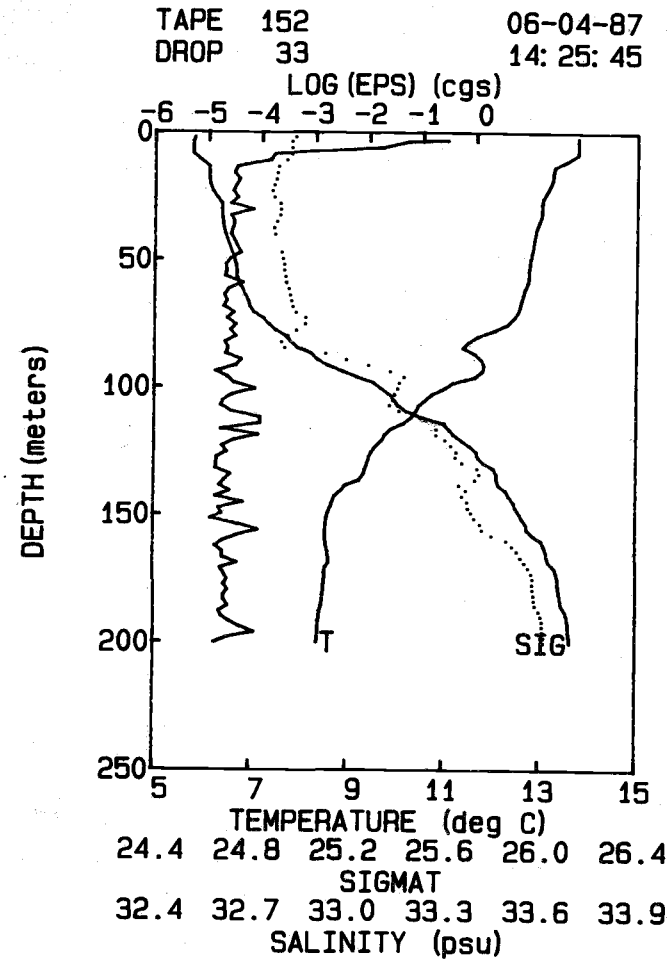
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 33
06-04-87
14: 25: 45
LOG (EPS) (cgs)
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DEPTH (meters)
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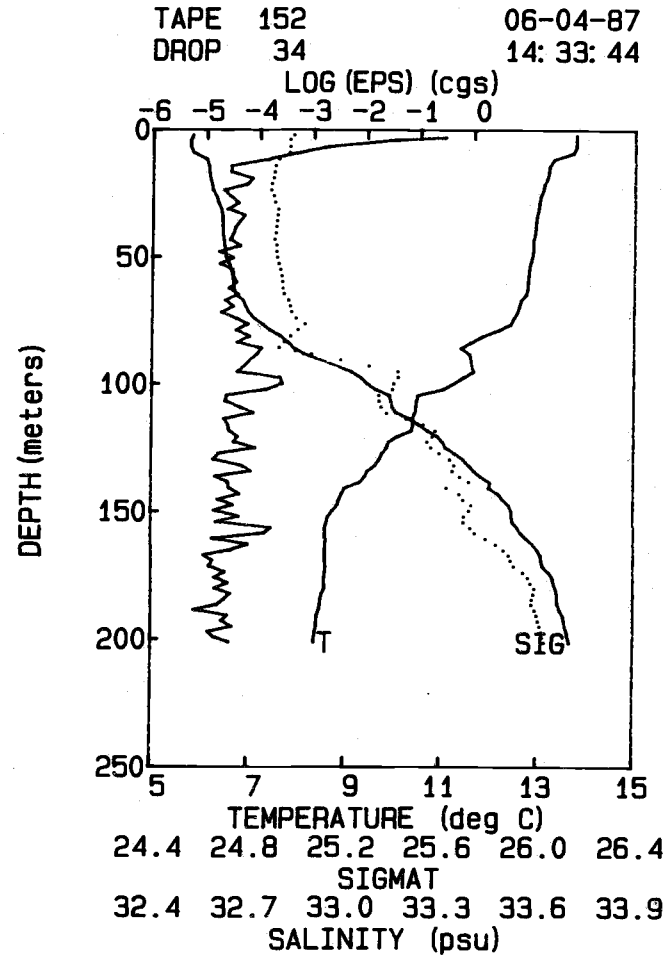
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 34
06-04-87
14: 33: 44
LOG (EPS) (cgs)
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DEPTH (meters)
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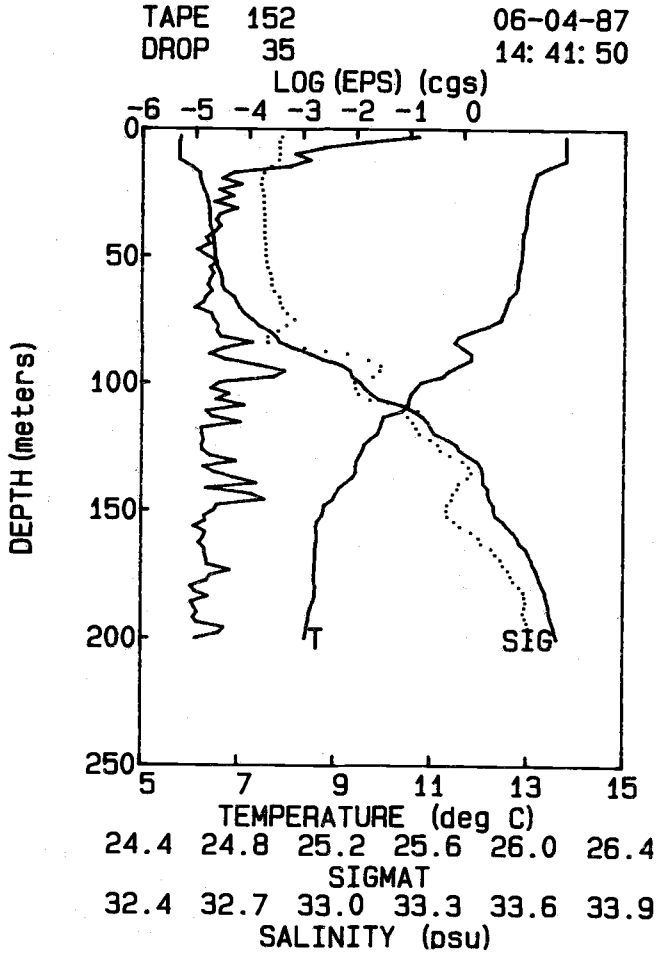
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 35
06-04-87
14: 41: 50
LOG (EPS) (cgs)
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DEPTH (meters)
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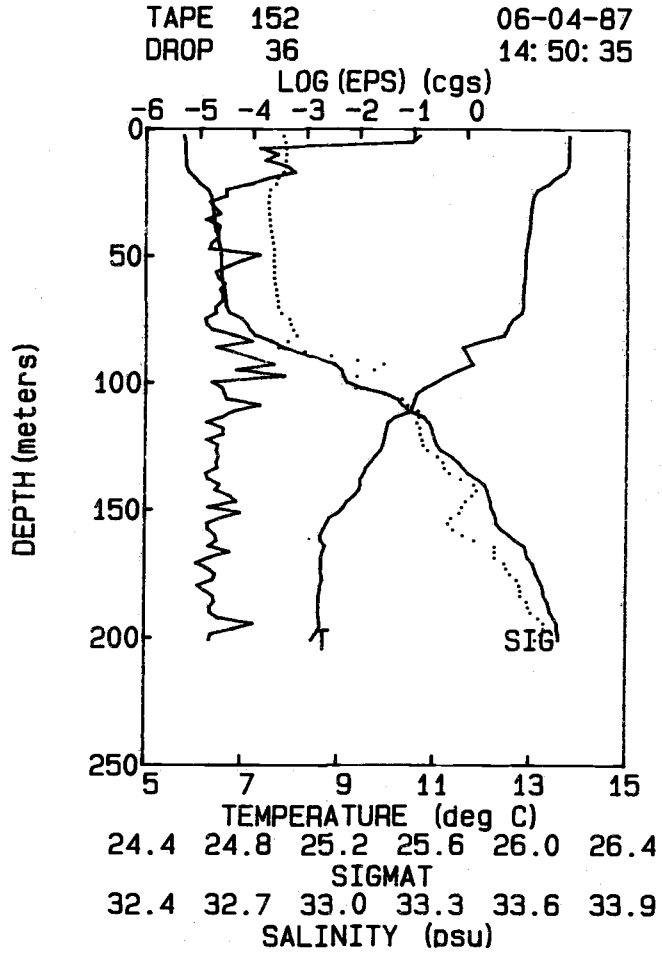
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 152
DROP 36
06-04-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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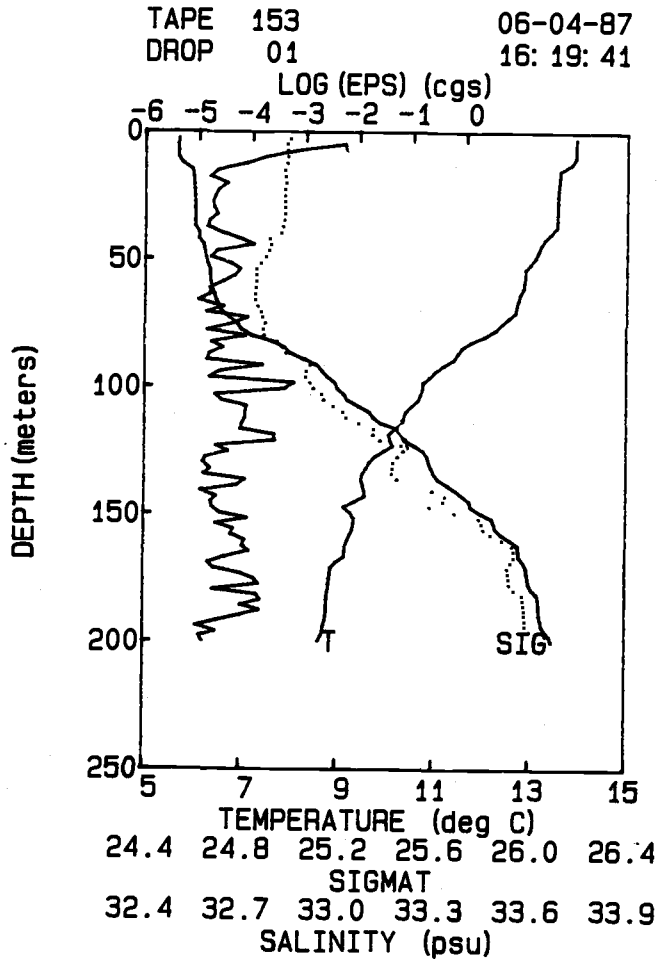
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 153
DROP 01
06-04-87
16: 19: 41
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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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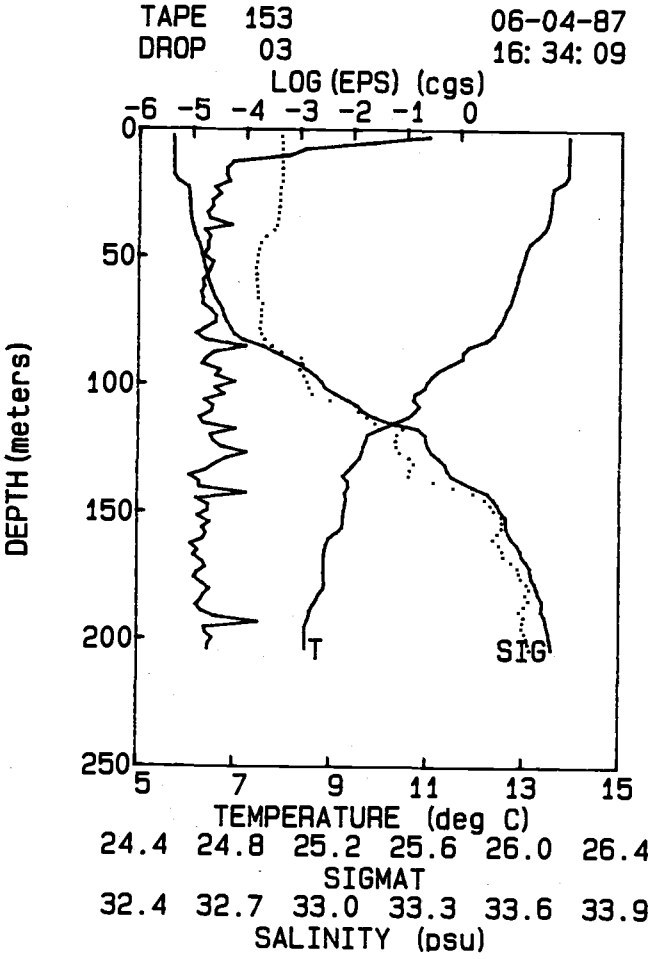
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 153
DROP 03
06-04-87
16: 34: 09
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DEPTH (meters)
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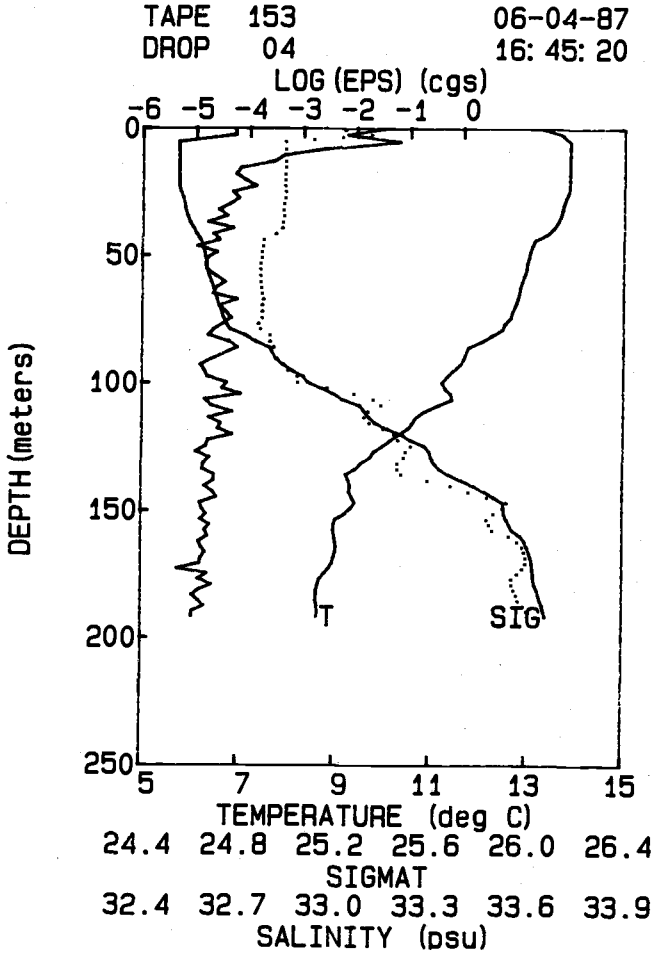
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 153
DROP 04
06-04-87
16: 45: 20
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DEPTH (meters)
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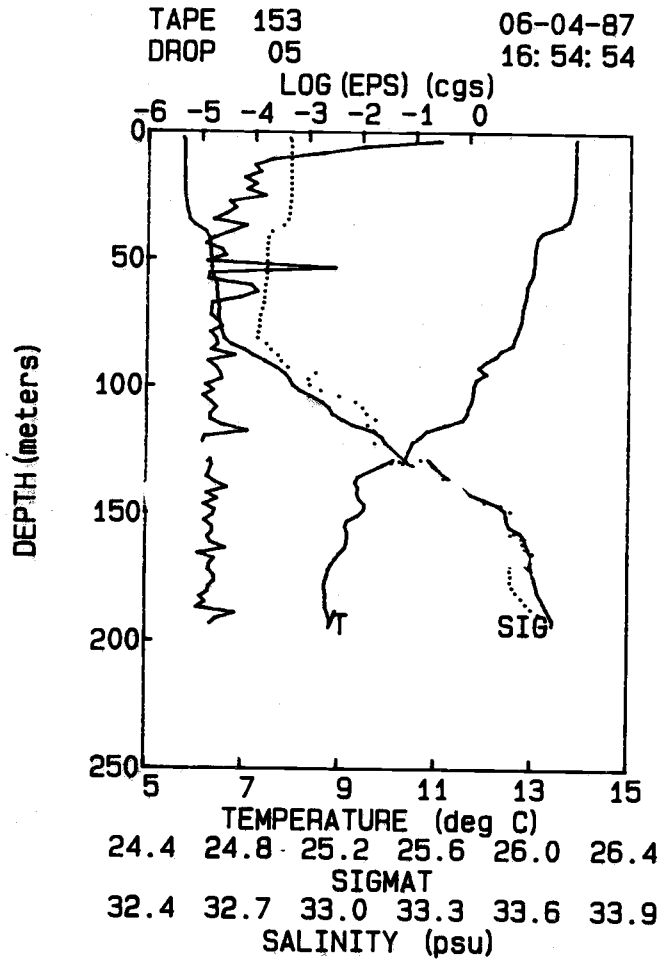
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 153
DROP 05
06-04-87
16: 54: 54
LOG (EPS) (cgs)
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DEPTH (meters)
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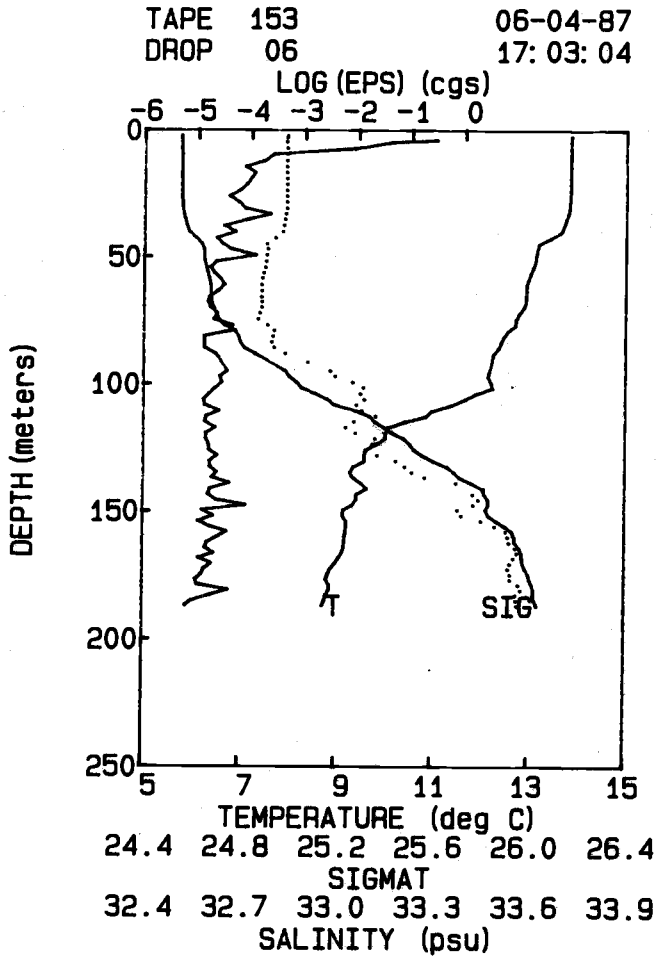
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 153
DROP 06
06-04-87
17: 03: 04
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DEPTH (meters)
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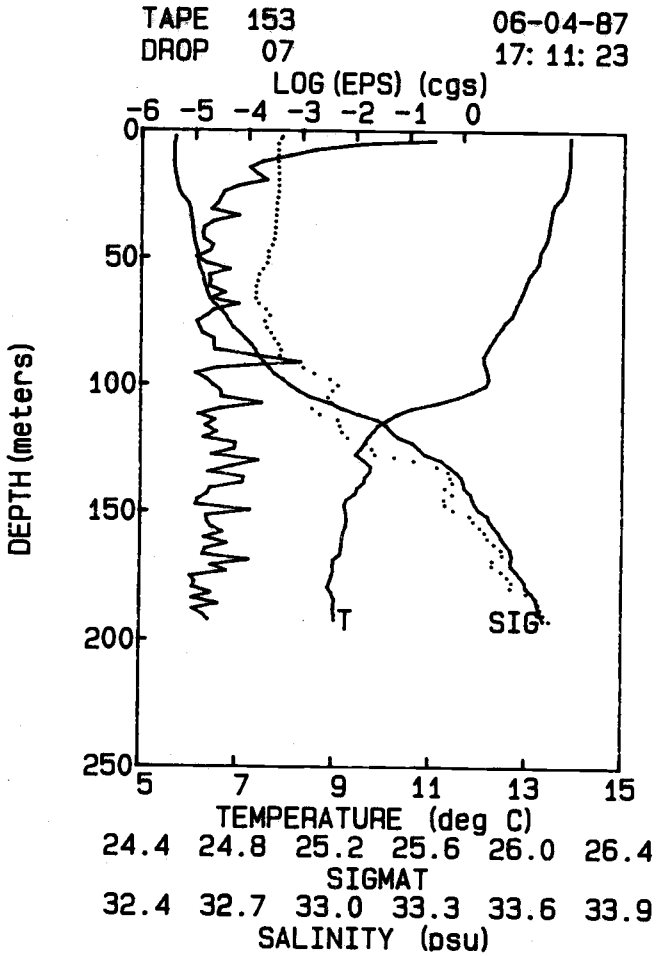
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 153
DROP 07
06-04-87
17: 11: 23
LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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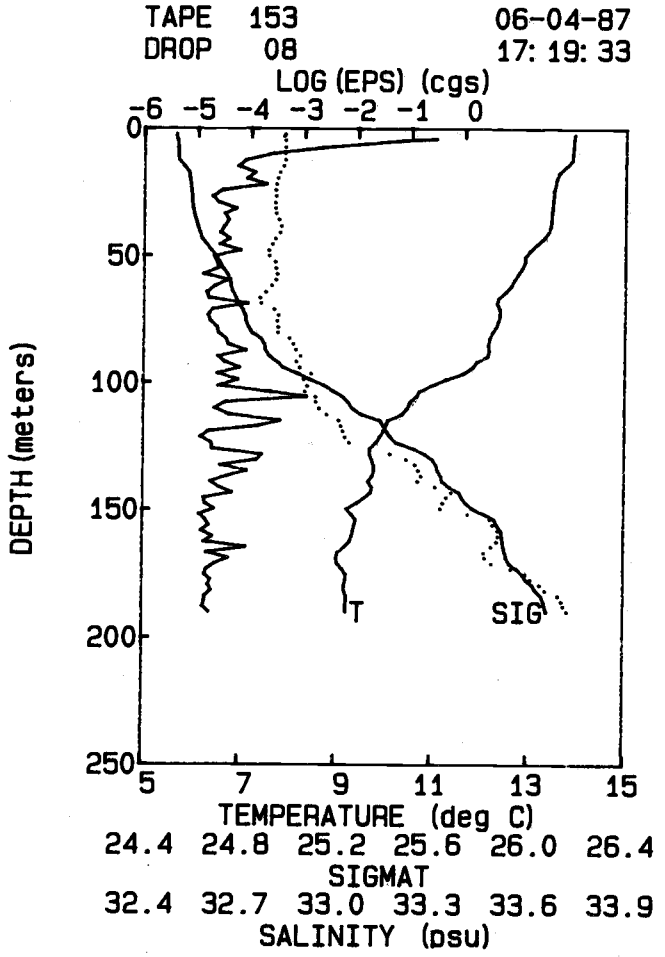
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 153
DROP 08
06-04-87
17: 19: 33
LOG (EPS) (cgs)
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DEPTH (meters)
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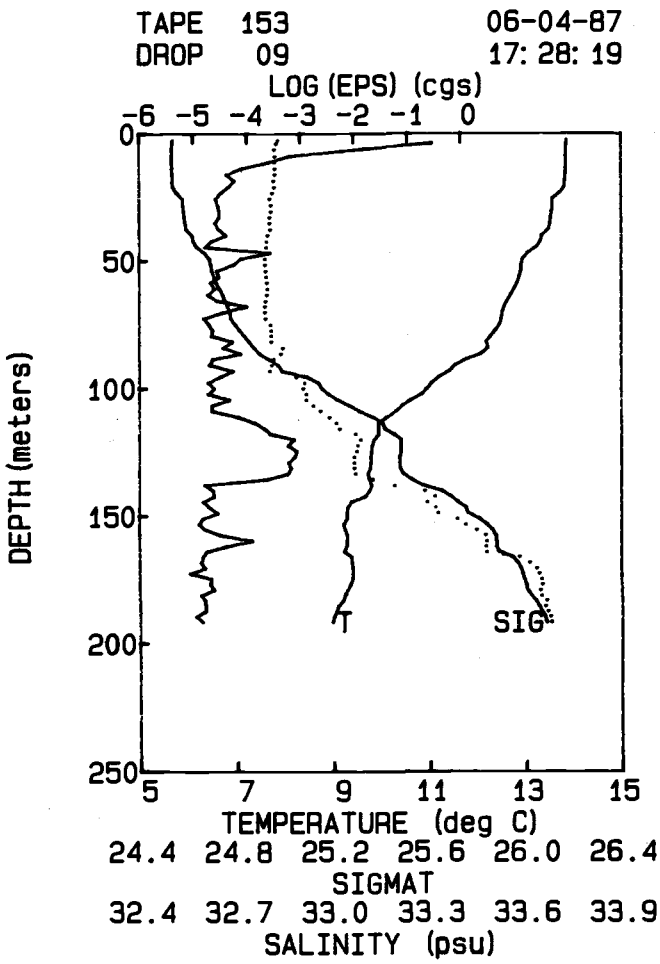
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 153
DROP 09
06-04-87
17: 28: 19
LOG (EPS) (cgs)
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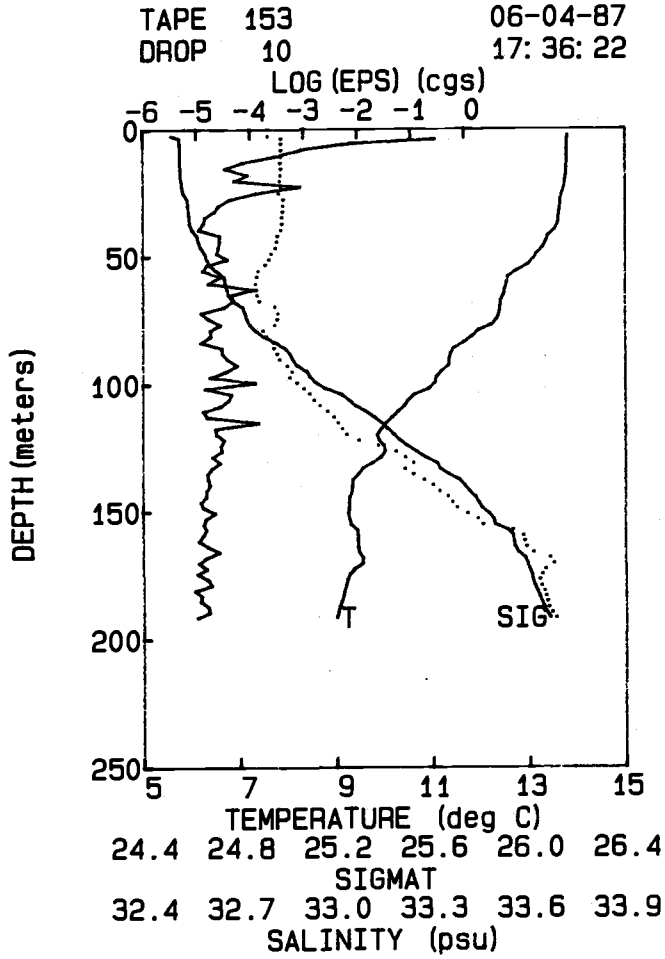
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 153
DROP 10
06-04-87
17: 36: 22
LOG (EPS) (cgs)
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DEPTH (meters)
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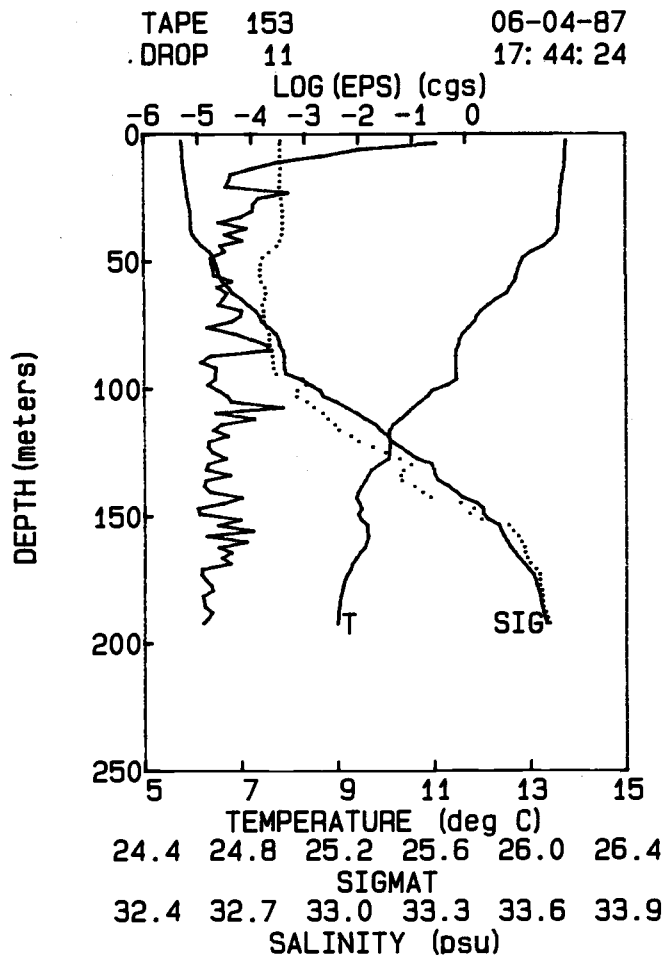
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 153
DROP 11
06-04-87
17: 44: 24
LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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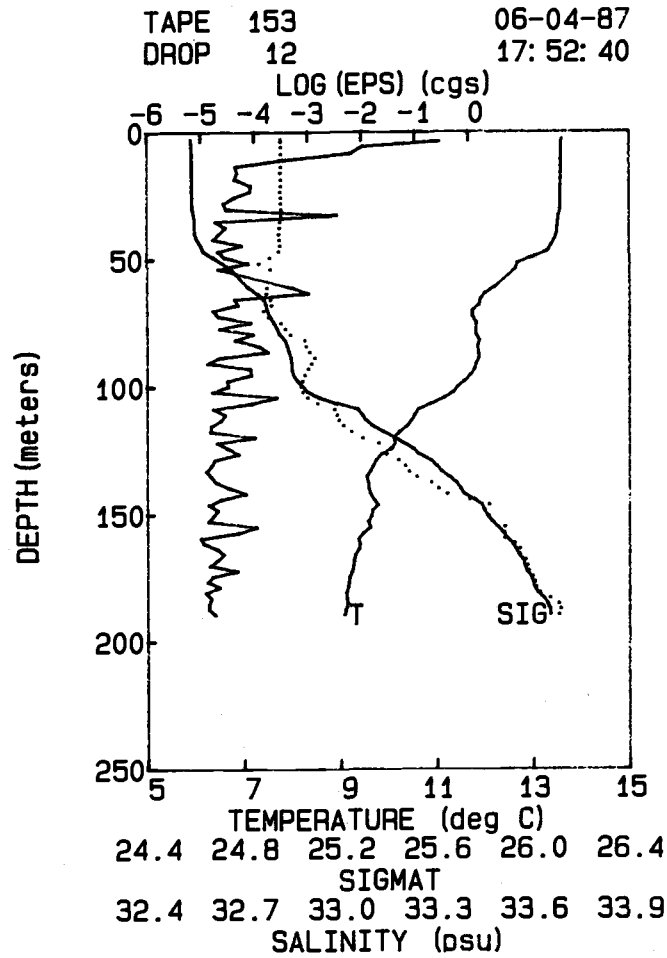
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 153
DROP 12
06-04-87
17: 52: 40
LOG (EPS) (cgs)
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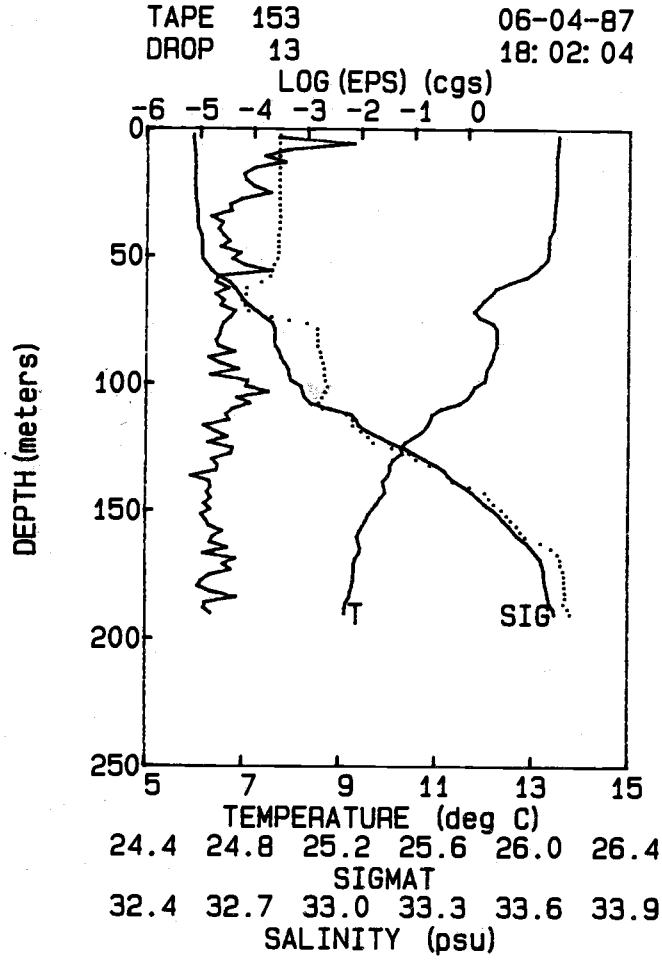
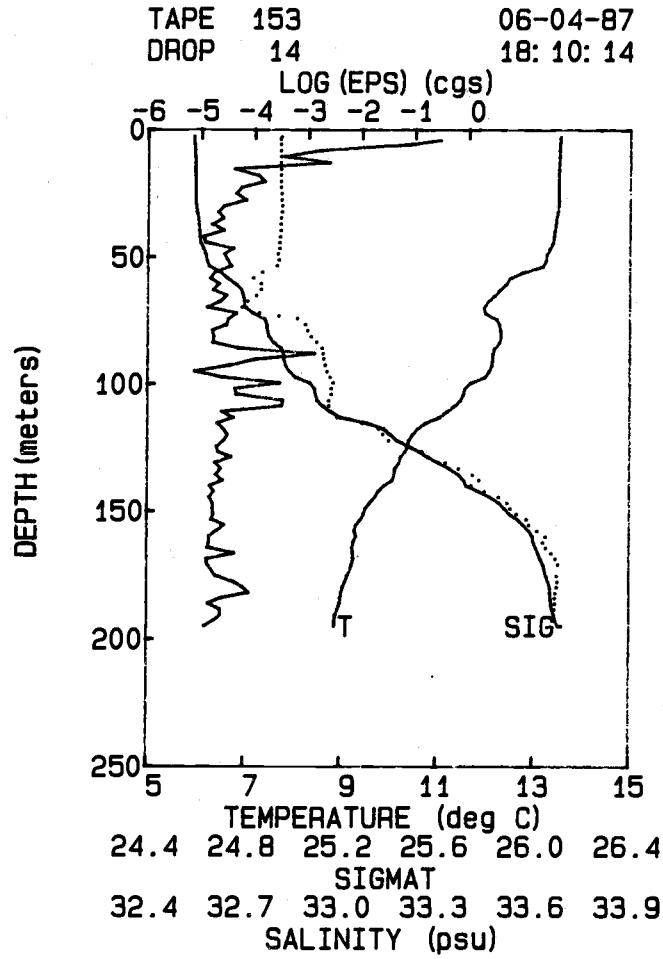
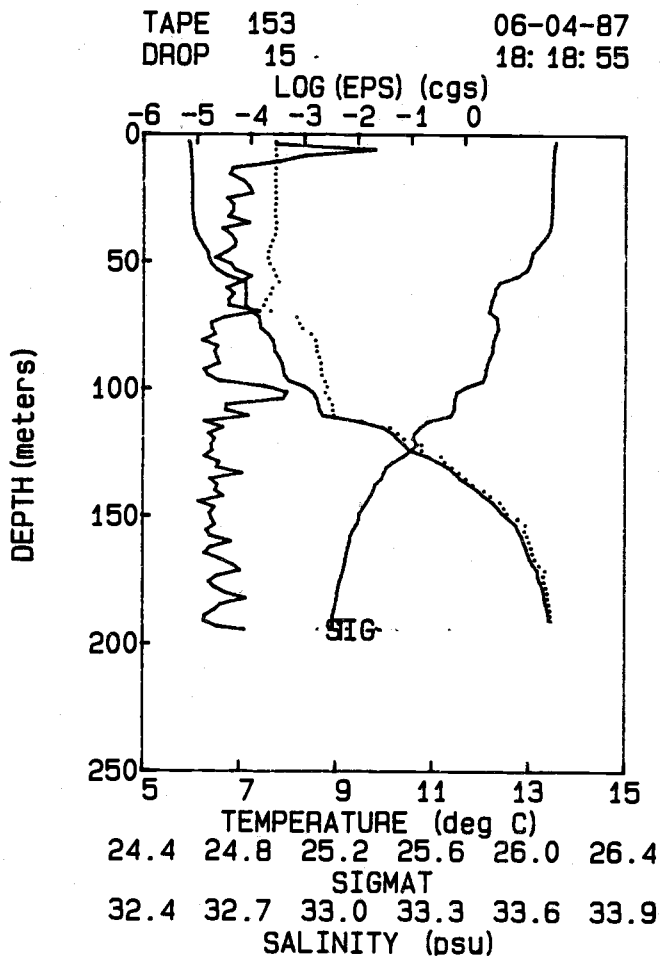
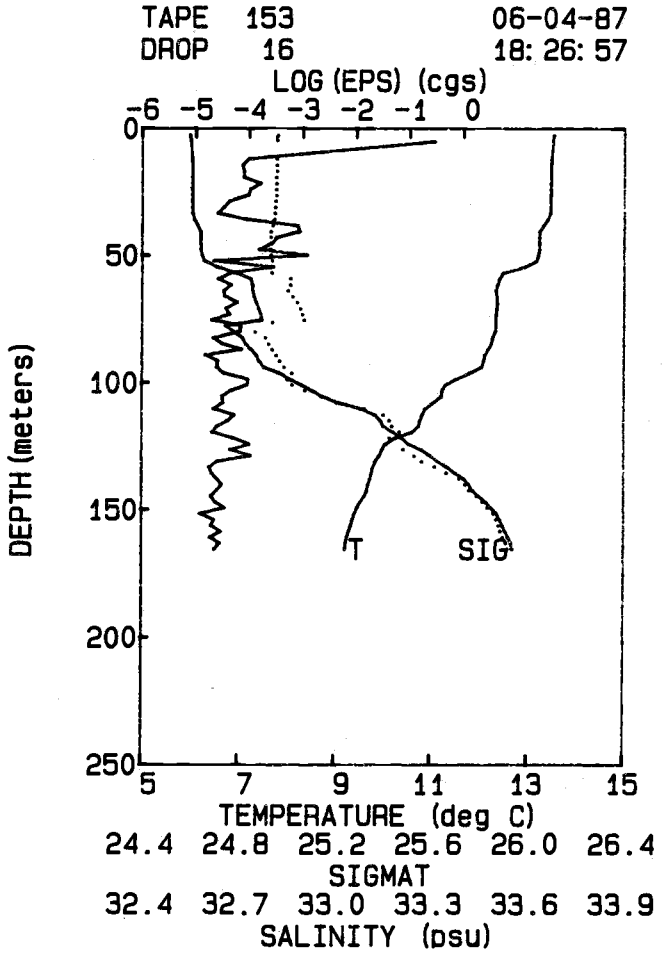
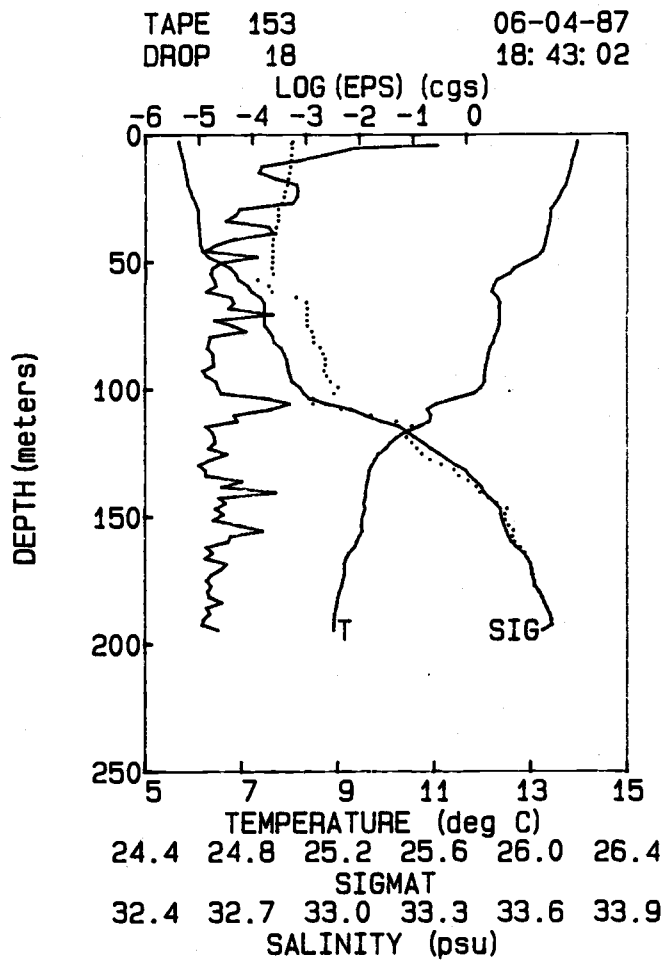
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

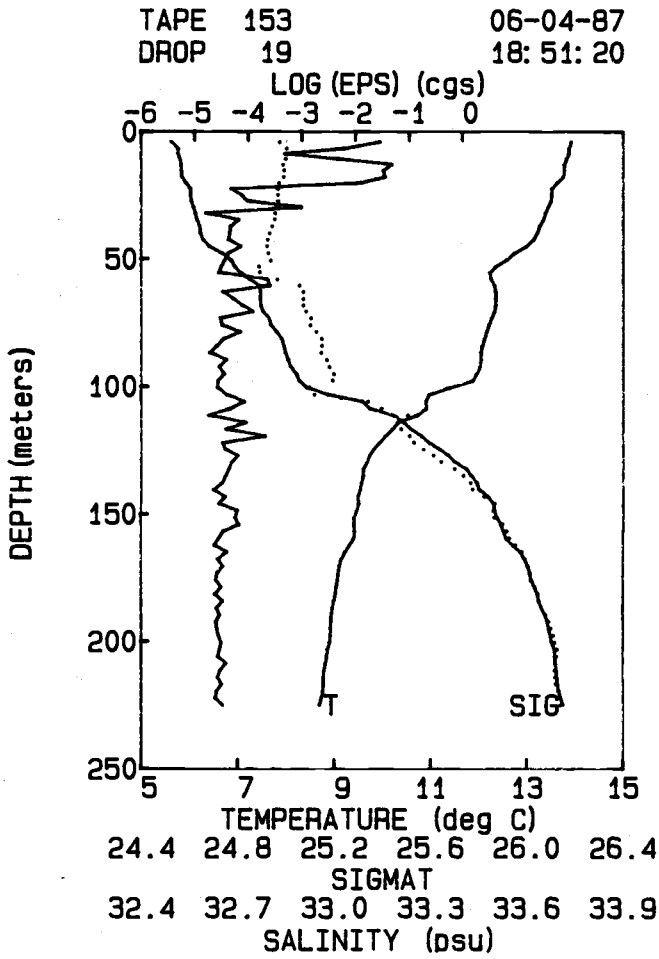

TAPE 153
DROP 13
06-04-87
18: 02: 04
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)


TAPE 153
DROP 14
06-04-87
18: 10: 14
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

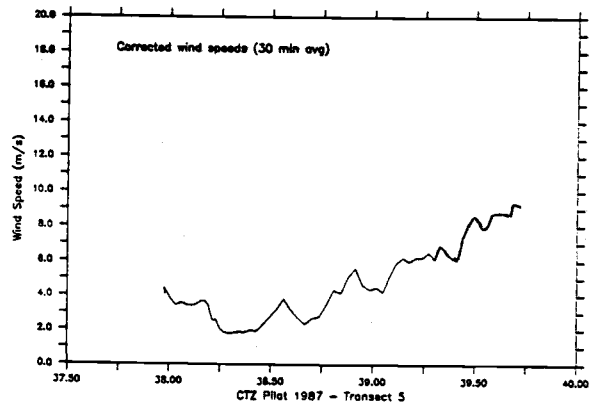

TAPE 153
DROP 15
06-04-87
18: 18: 55
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

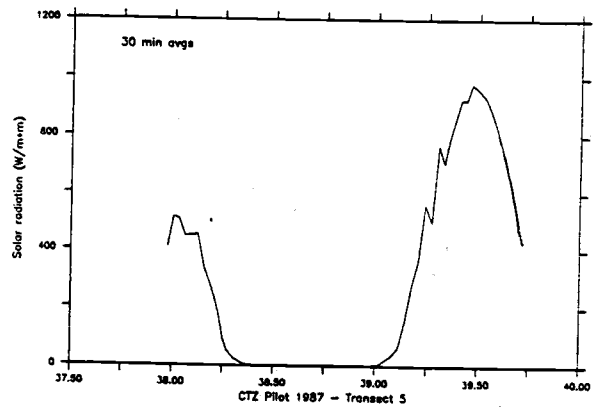

TAPE 153
DROP 16
06-04-87
18: 26: 57
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

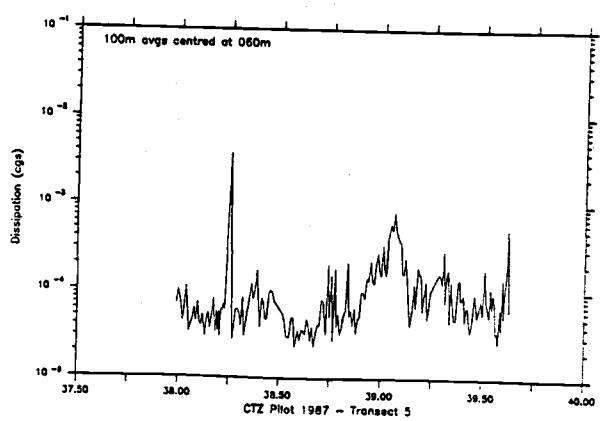

TAPE 153
DROP 18
06-04-87
18: 43: 02
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

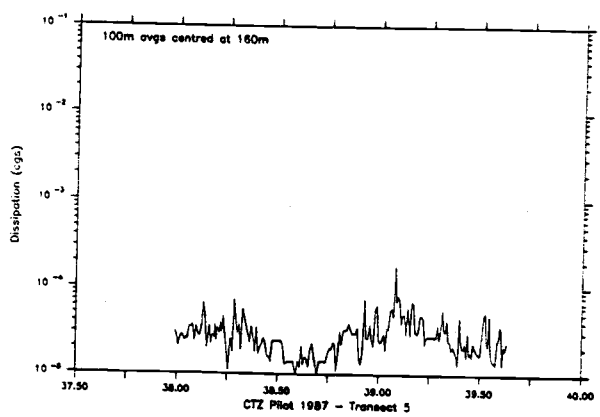

TAPE 153
DROP 19
06-04-87
18: 51: 20
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

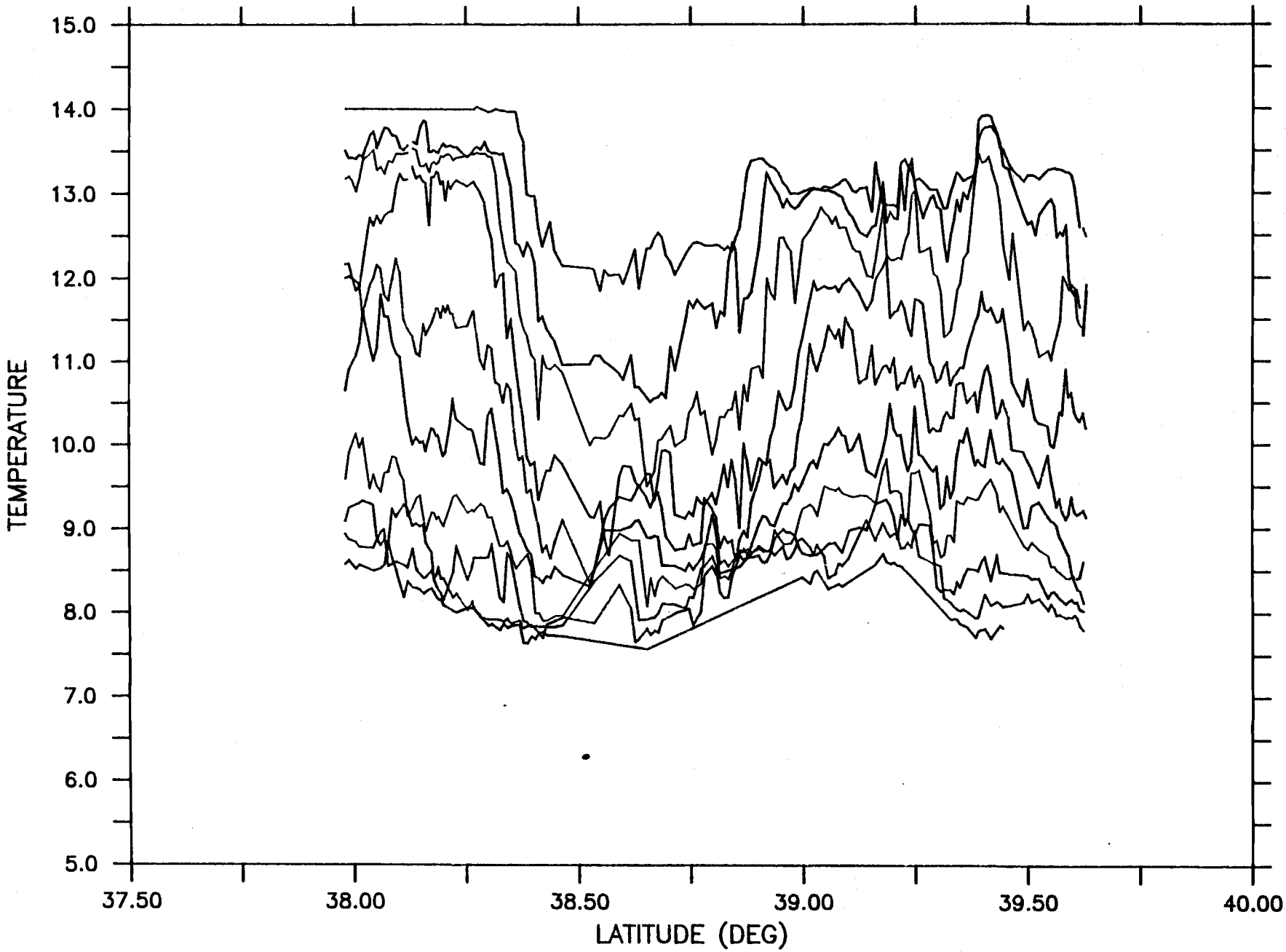
TRANSECT 5

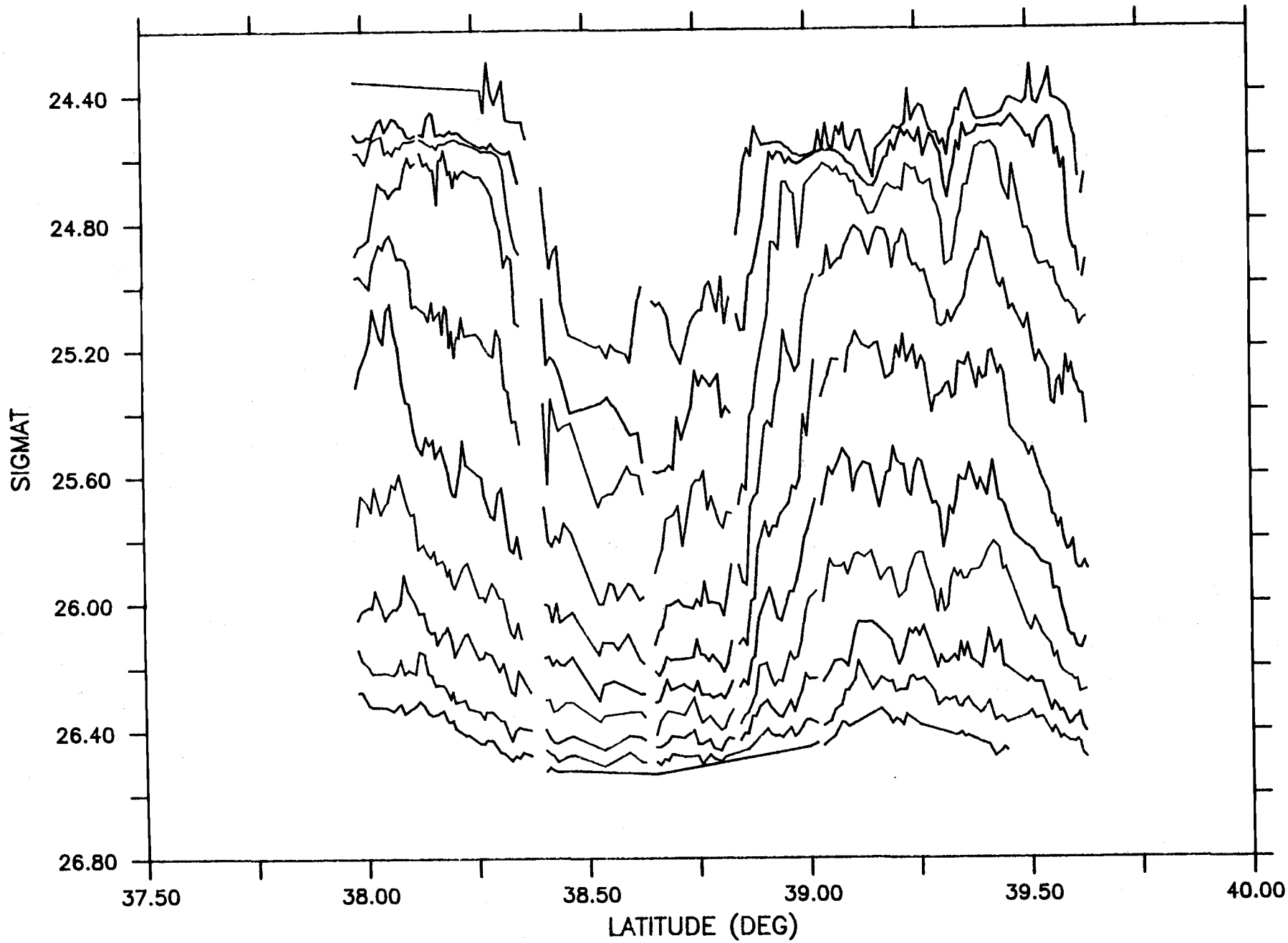

Corrected wind speeds (30 min avg)
Wind Speed (m/s)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
37.50
38.00
38.50
39.00
39.50
40.00
CTZ Pilot 1987 – Transect 5


30 min avgs
Solar radiation (W/mm)
1200
800
400
0
37.50
38.00
38.50
39.00
39.50
40.00
CTZ Pilot 1987 – Transect 5

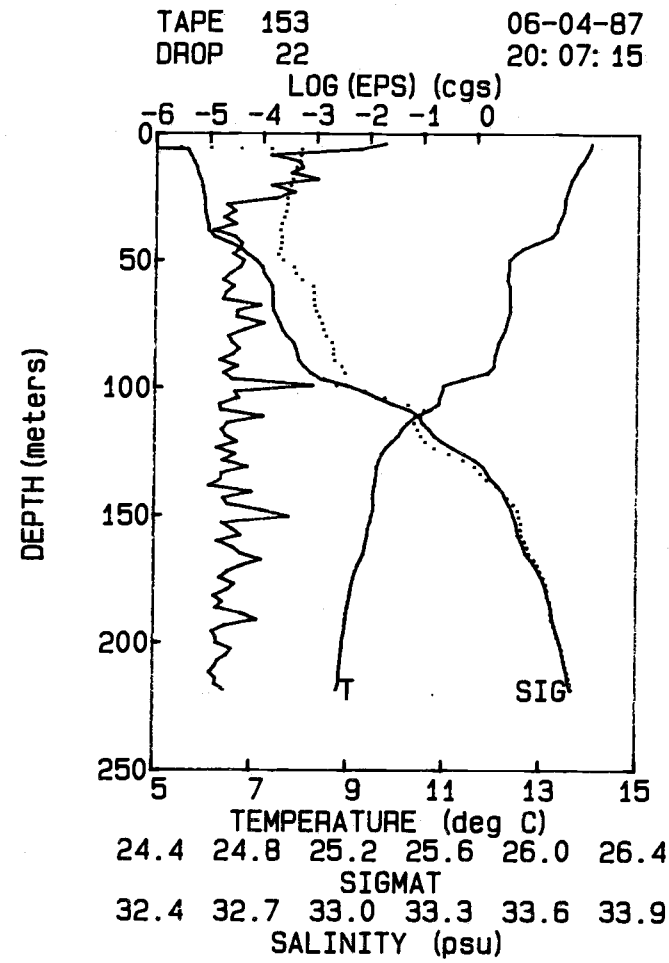

100m avgs centred at 060m
Dissipation (cgs)
10 -1
10 -3
10 -2
10 -4
10 -5
37.50
38.00
38.50
39.00
39.50
40.00
CTZ Pilot 1987 – Transect 5

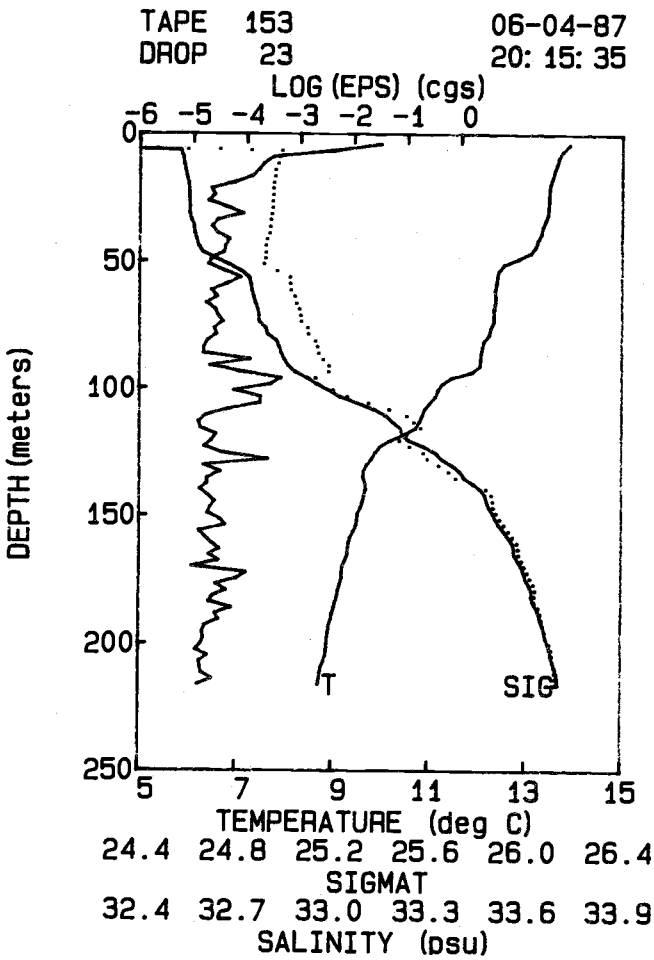

100m avgs centred at 160m
Dissipation (cgs)
10 -1
10 -2
10 -3
10 -4
10 -5
37.50
38.00
38.50
39.00
39.50
40.00
CTZ Pilot 1987 – Transect 5

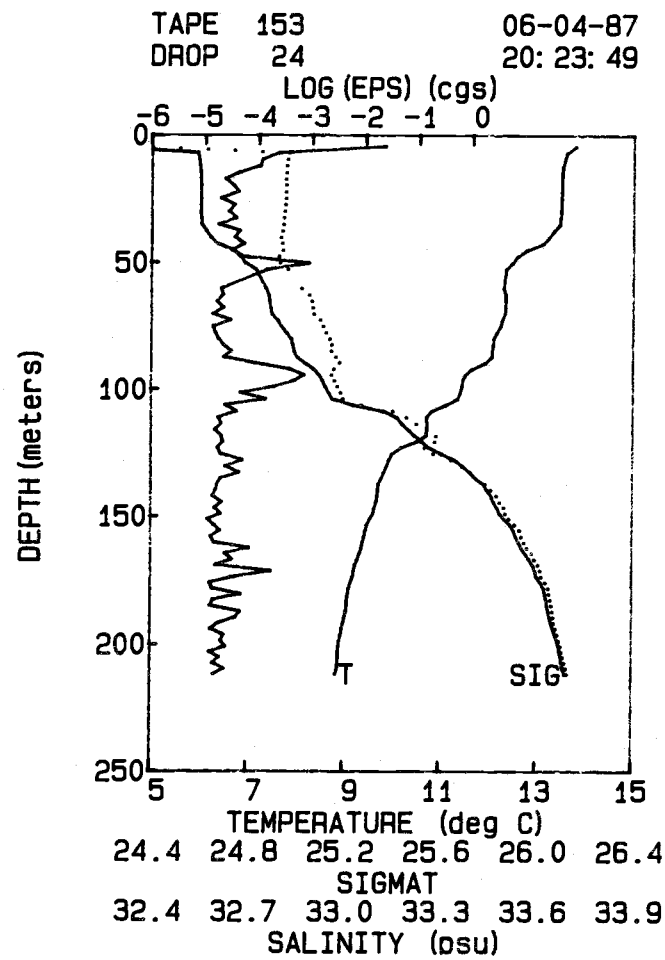

15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
TEMPERATURE
37.50
38.00
38.50
39.00
39.50
40.00
LATITUDE (DEG)

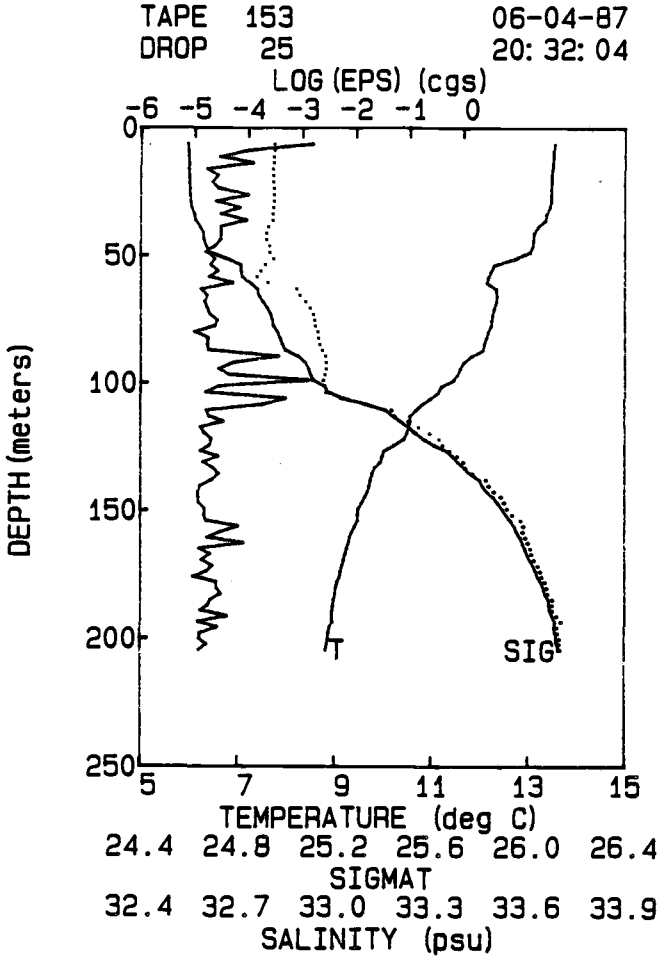

SIGMAT
24.40
24.80
25.20
25.60
26.00
26.40
26.80
37.50
38.00
38.50
39.00
39.50
40.00
LATITUDE (DEG)

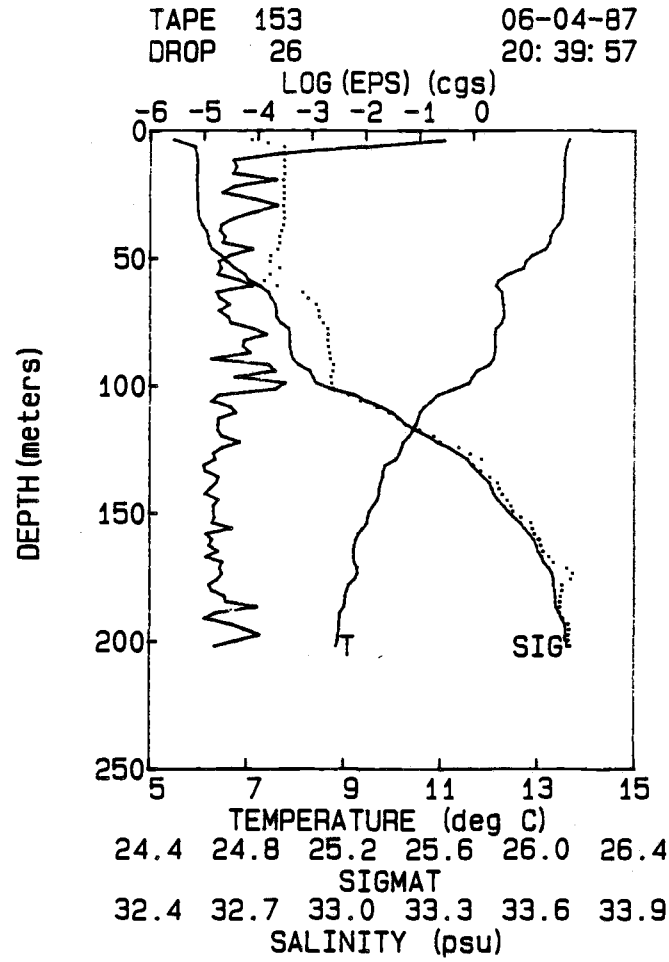
TRANSECT 5

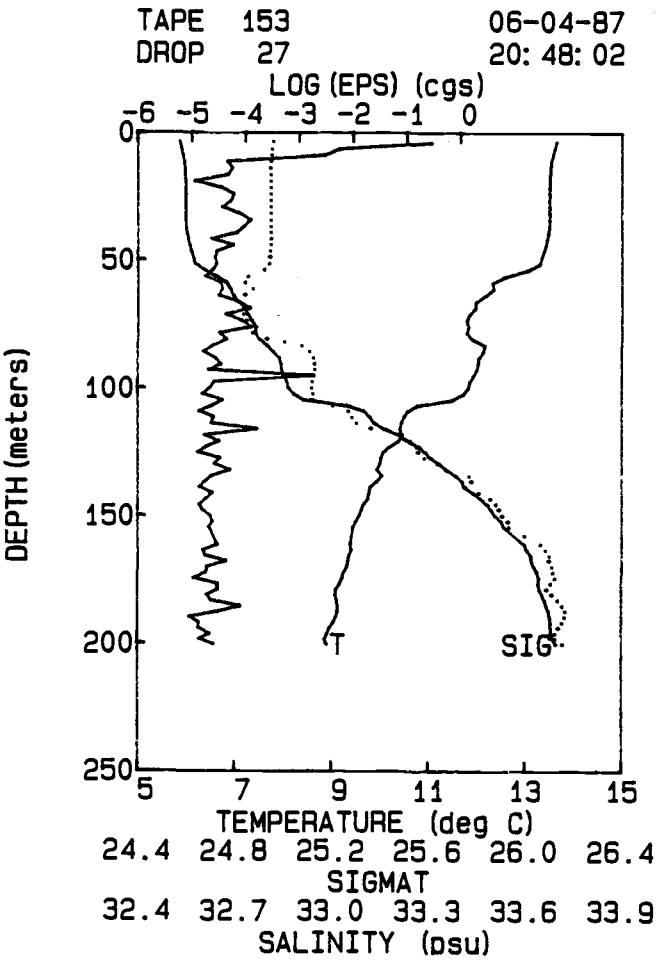

TAPE 153
DROP 22
06-04-87
20: 07: 15
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

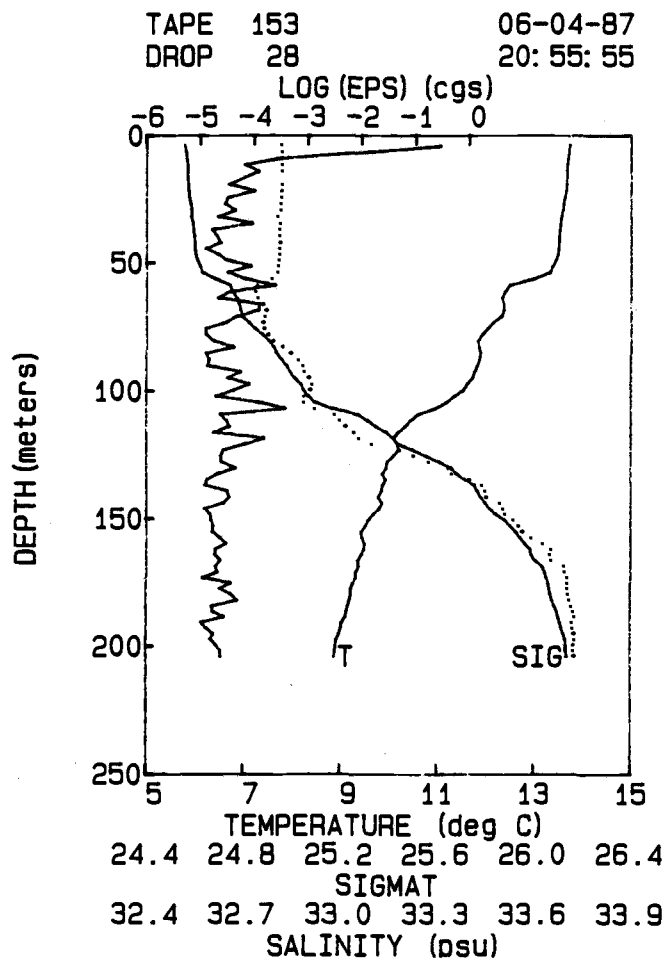

TAPE 153
DROP 23
06-04-87
20: 15: 35
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

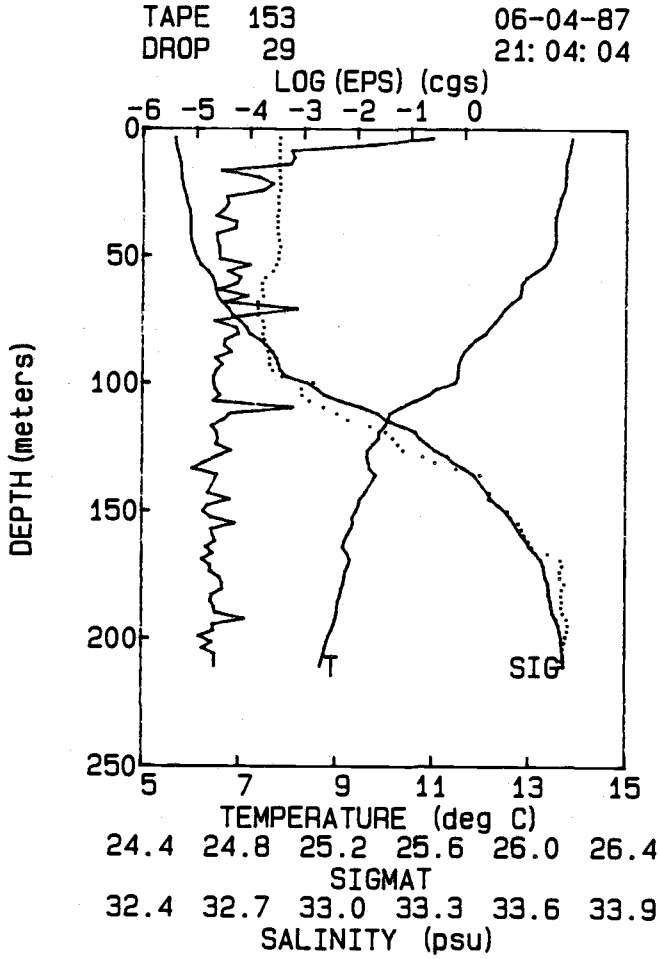

TAPE 153
DROP 24
06-04-87
20: 23: 49
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

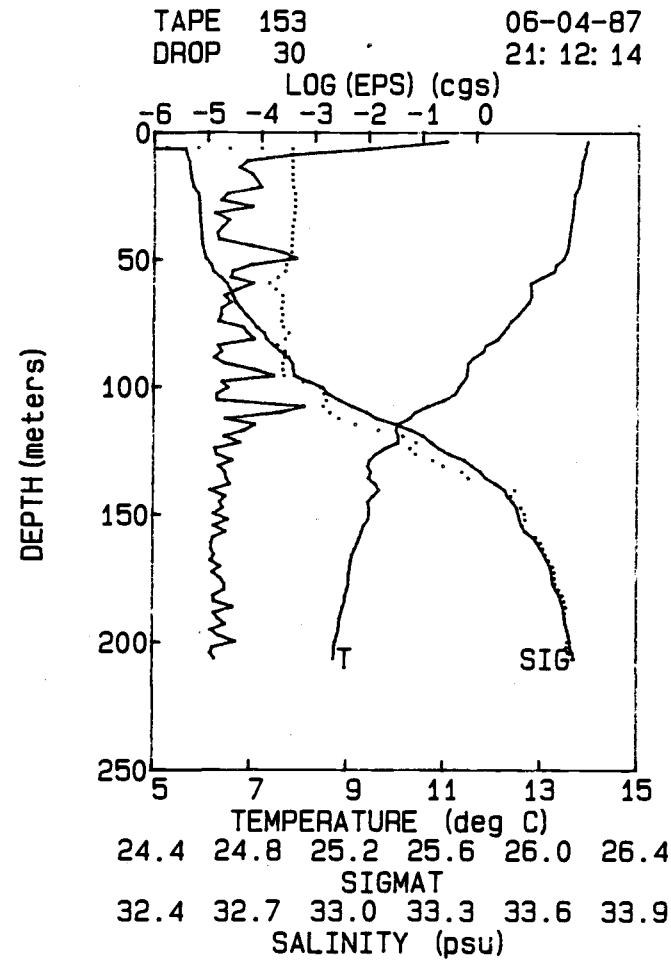

TAPE 153
DROP 25
06-04-87
20: 32: 04
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

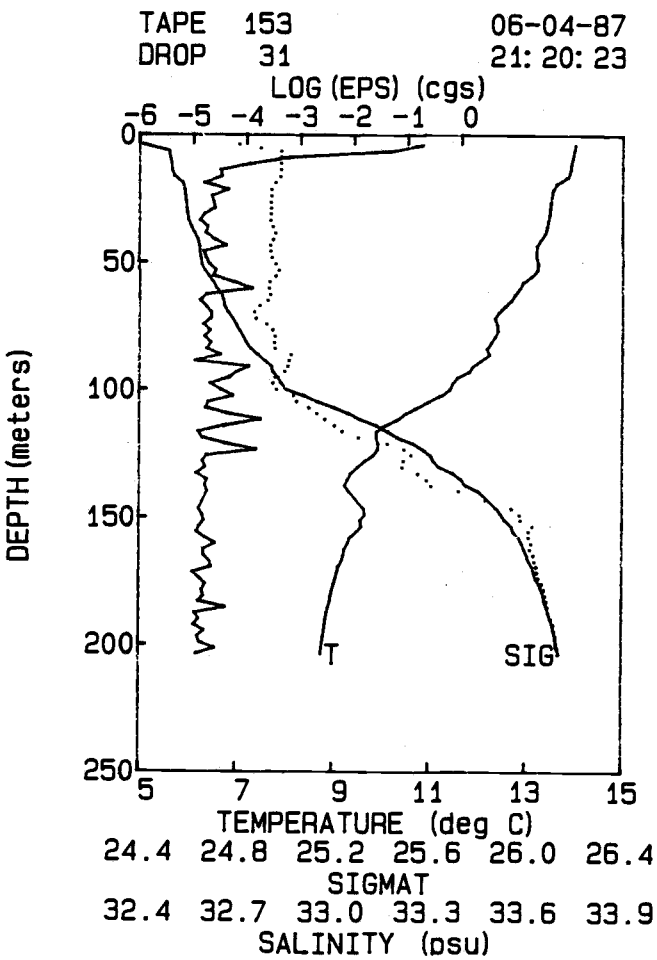

TAPE 153
DROP 26
06-04-87
20: 39: 57
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

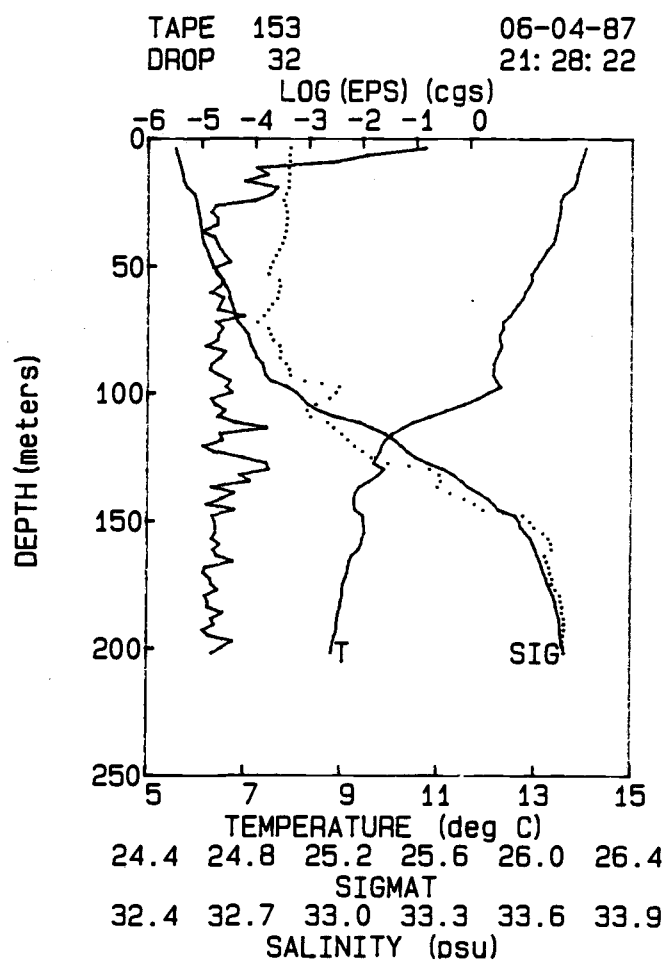

TAPE 153
DROP 27
06-04-87
20: 48: 02
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

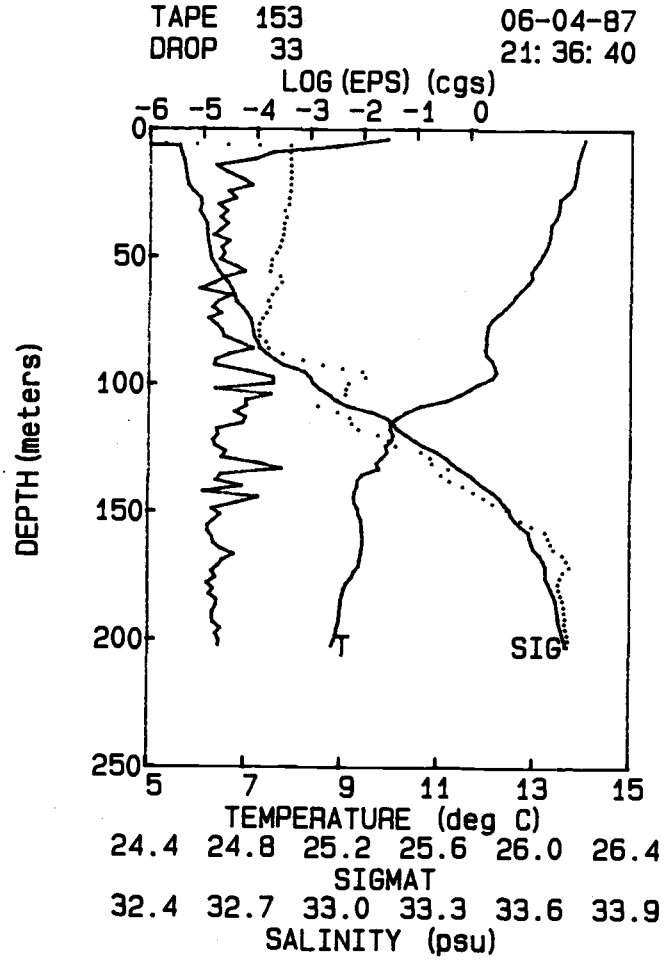

TAPE 153
DROP 28
06-04-87
20: 55: 55
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

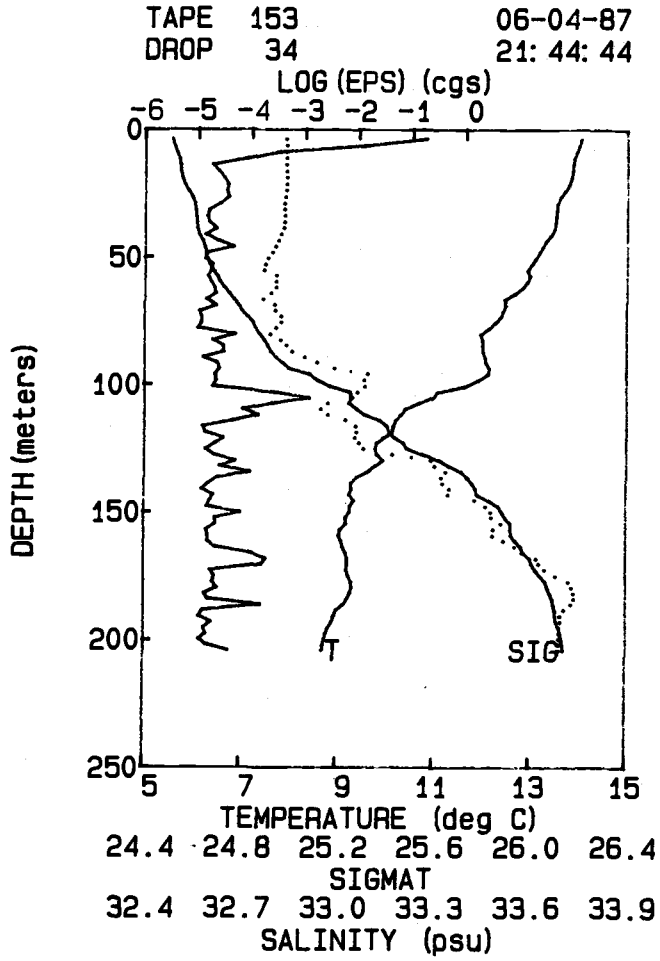

TAPE 153
DROP 29
06-04-87
21: 04: 04
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

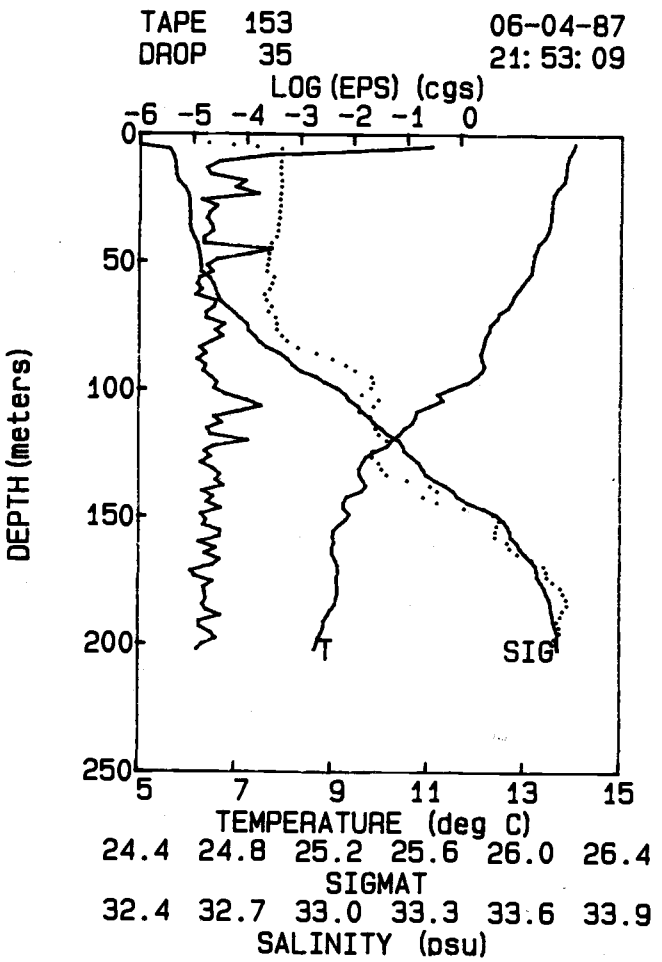

TAPE 153
DROP 30
06-04-87
21: 12: 14
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

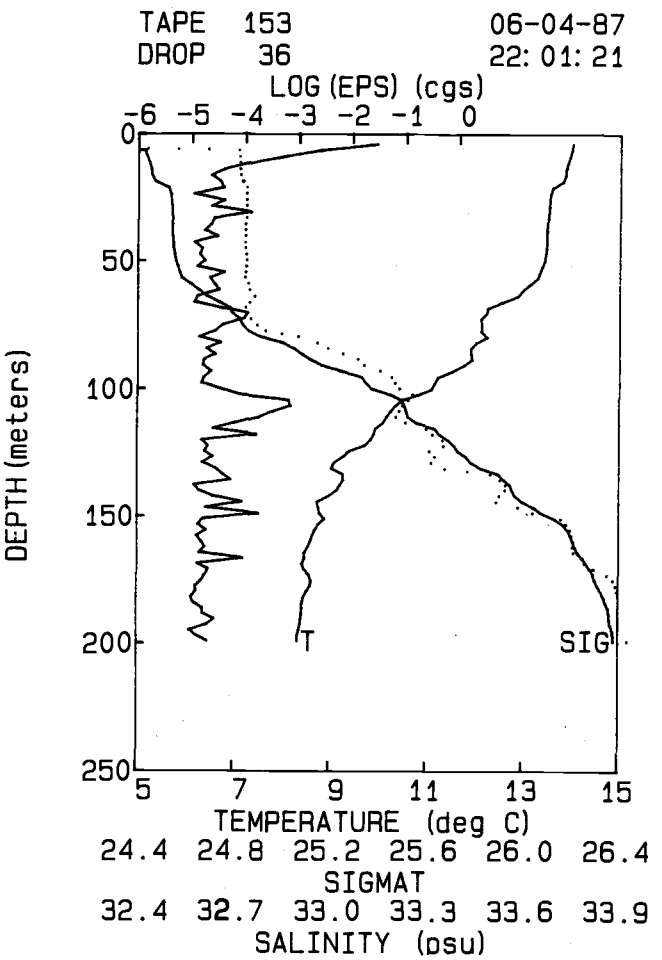

TAPE 153
DROP 31
06-04-87
21: 20: 23
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

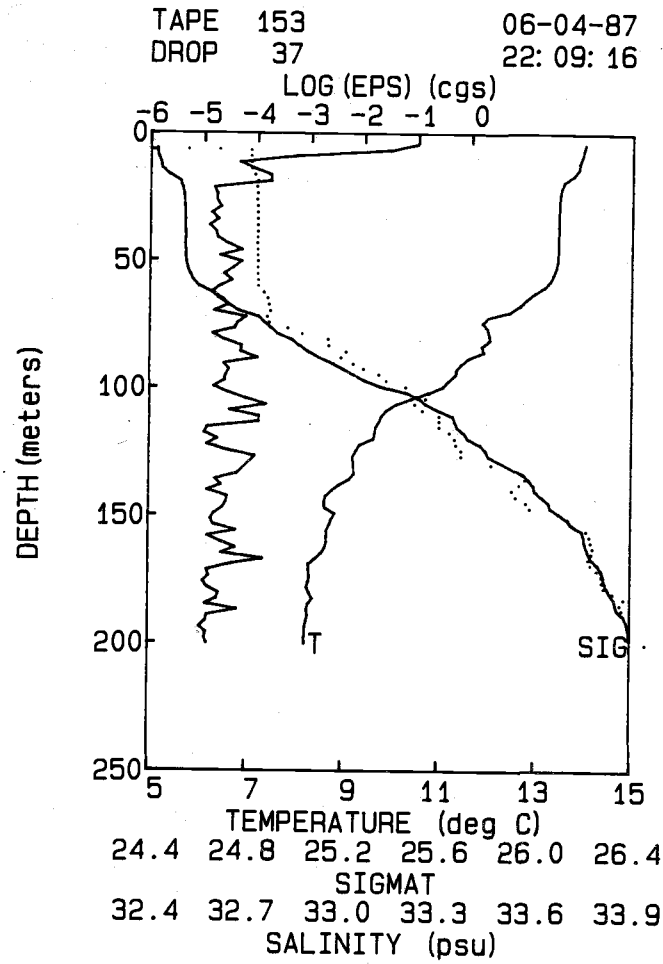

TAPE 153
DROP 32
06-04-87
21: 28: 22
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

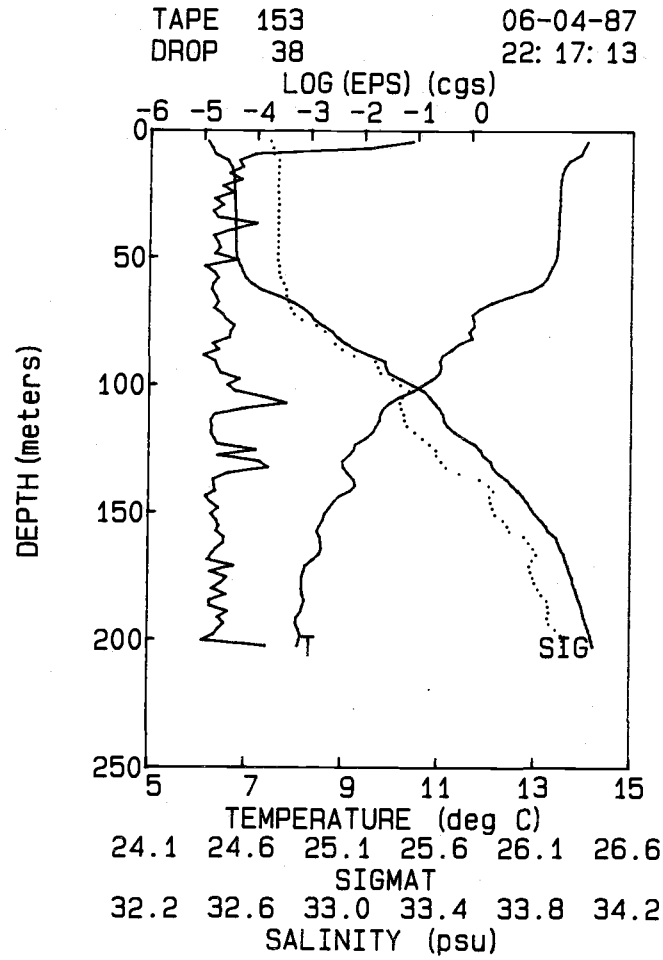

TAPE 153
DROP 33
06-04-87
21: 36: 40
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

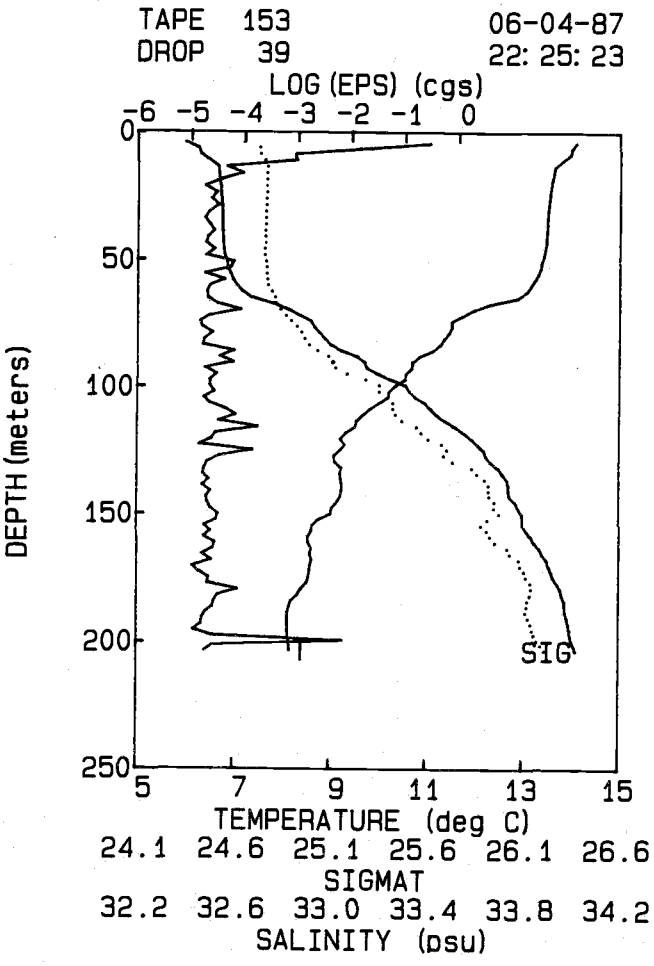

TAPE 153
DROP 34
06-04-87
21: 44: 44
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

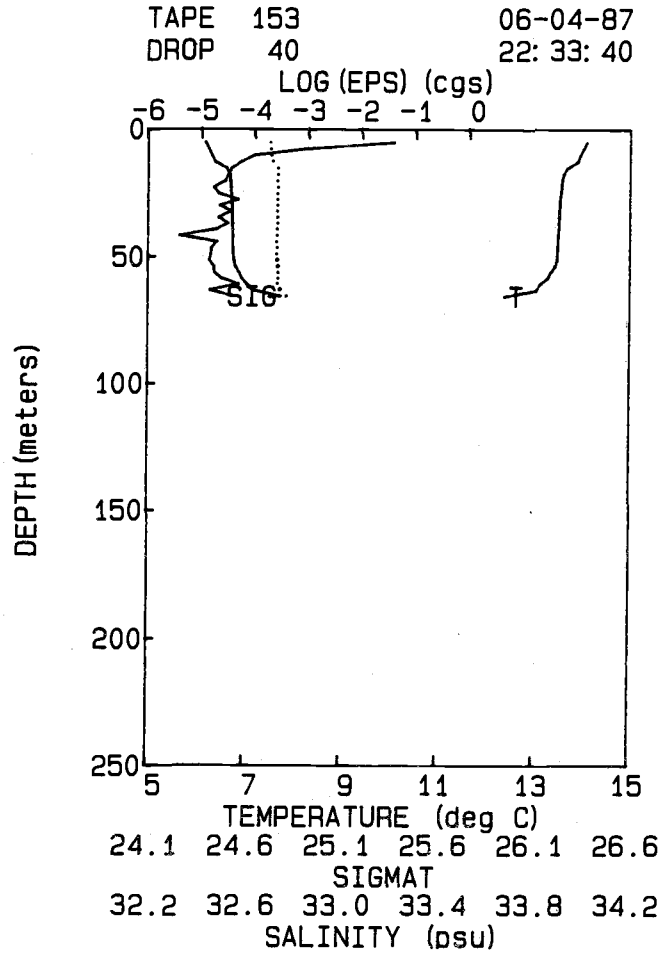

TAPE 153
DROP 35
06-04-87
21: 53: 09
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

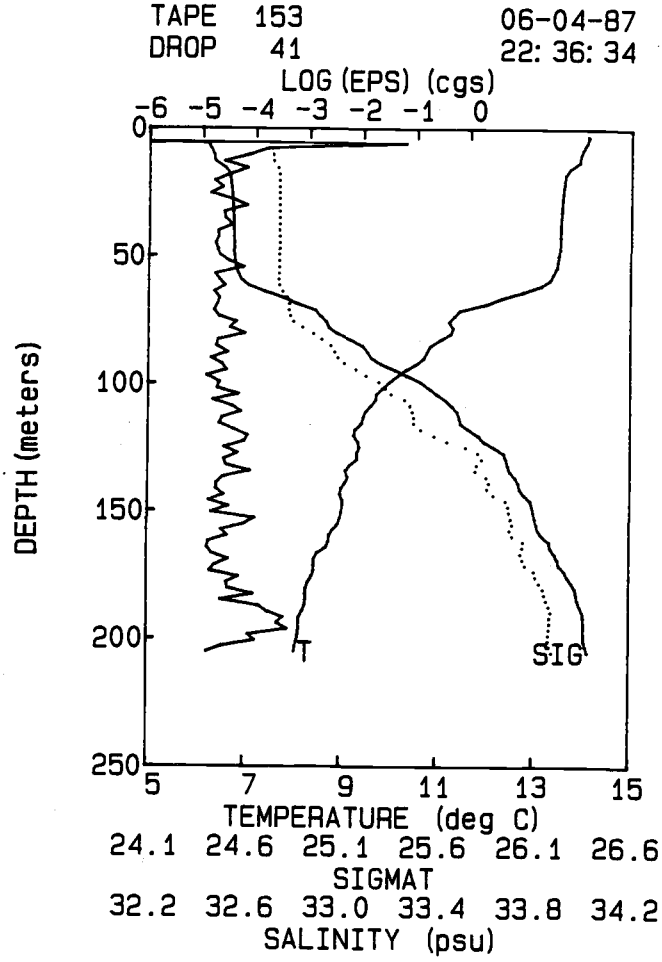

TAPE 153
DROP 36
06-04-87
22: 01: 21
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

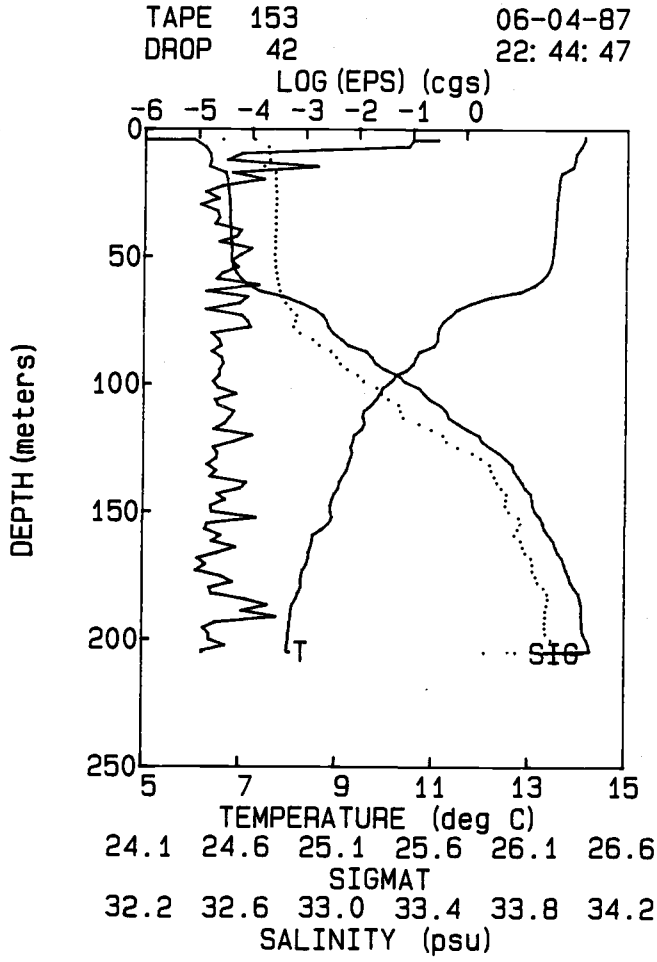

TAPE 153
DROP 37
06-04-87
22: 09: 16
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.4 24.8 25.2 25.6 26.0 26.4
SIGMAT
32.4 32.7 33.0 33.3 33.6 33.9
SALINITY (psu)

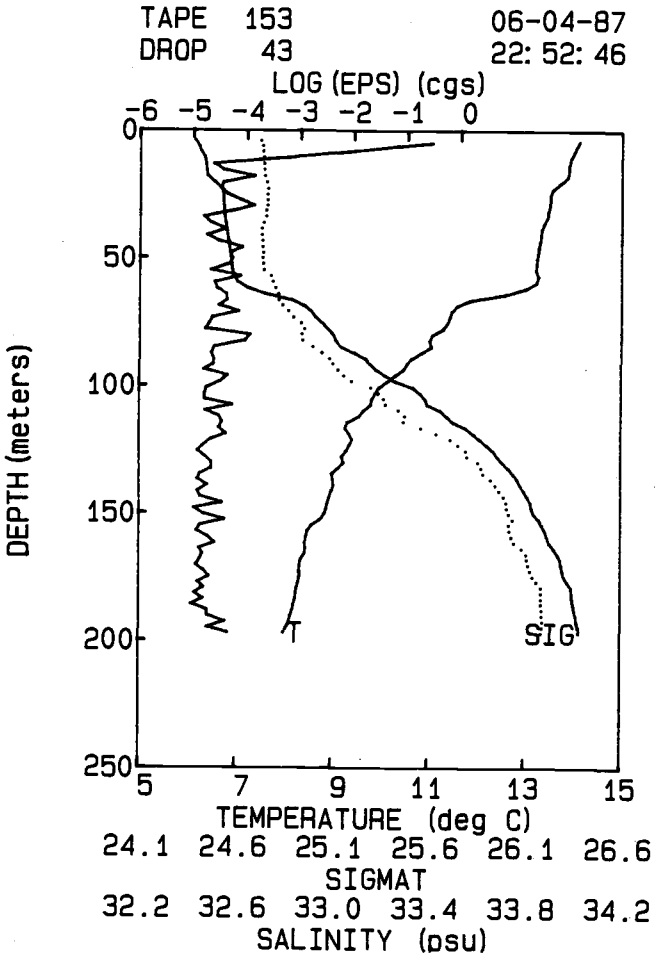

TAPE 153
DROP 38
06-04-87
22: 17: 13
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 153
DROP 39
06-04-87
22: 25: 23
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 153
DROP 40
06-04-87
22: 33: 40
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
SIG
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 153
DROP 41
06-04-87
22: 36: 34
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 153
DROP 42
06-04-87
22: 44: 47
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 153
DROP 43
06-04-87
22: 52: 46
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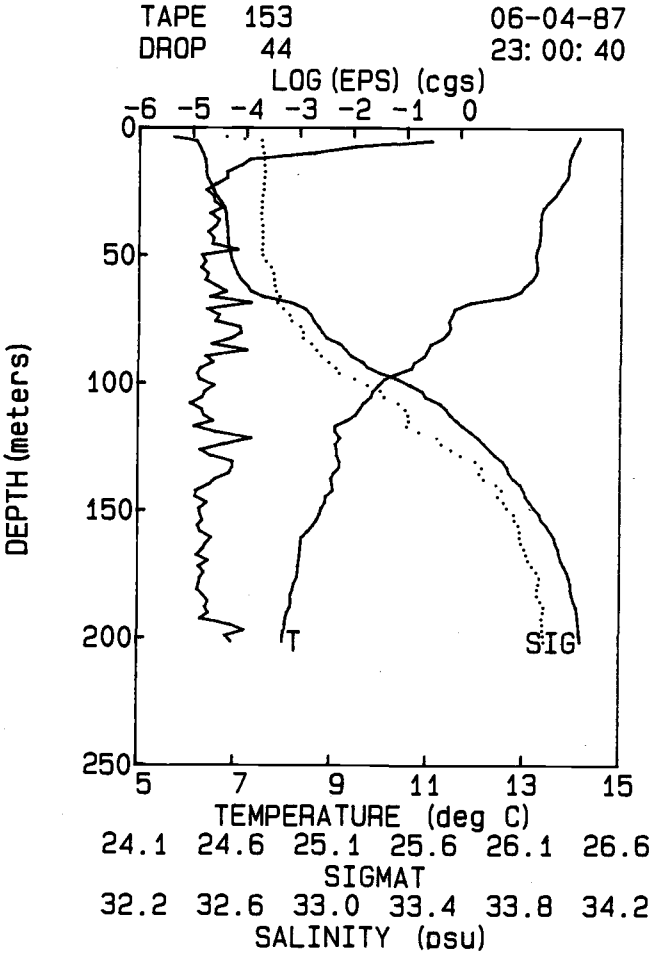
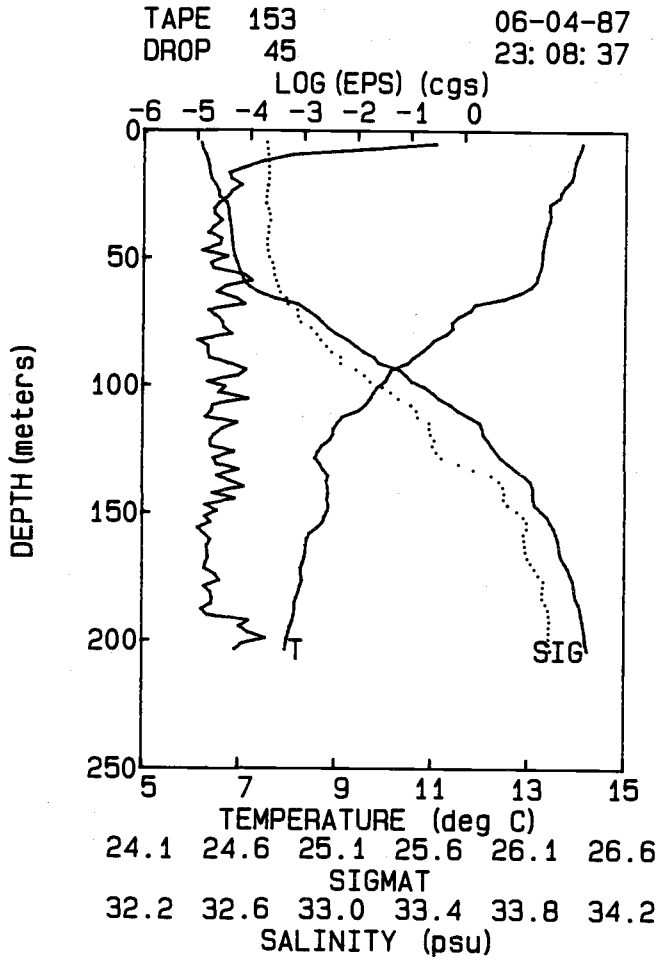
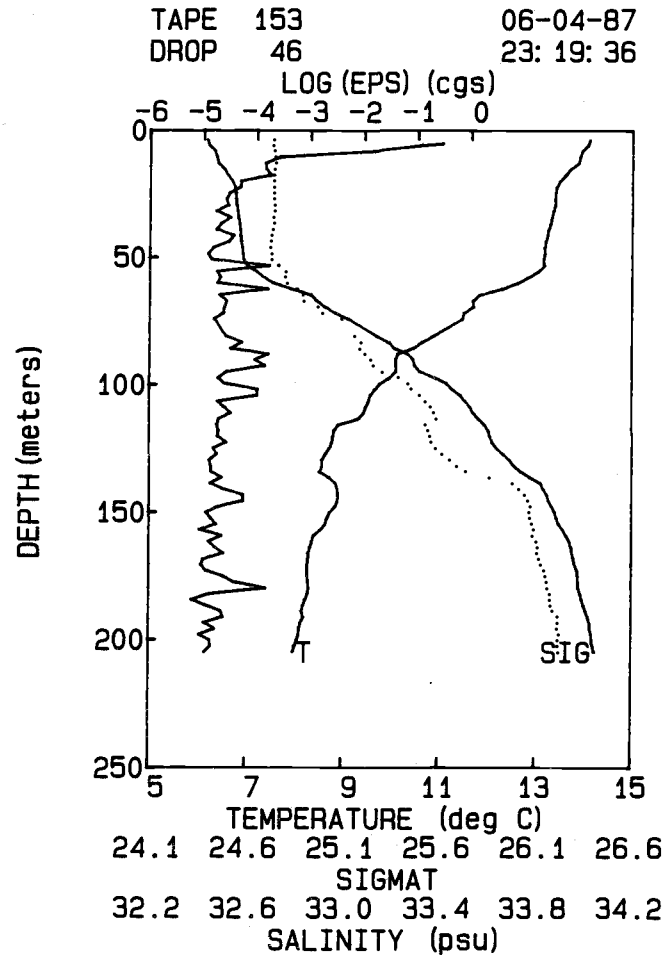
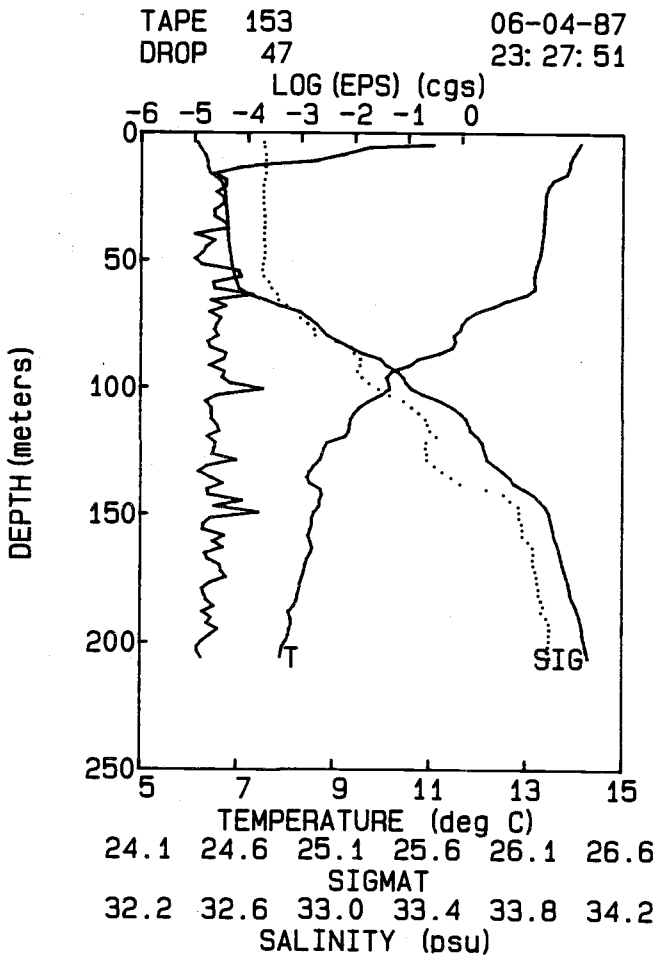
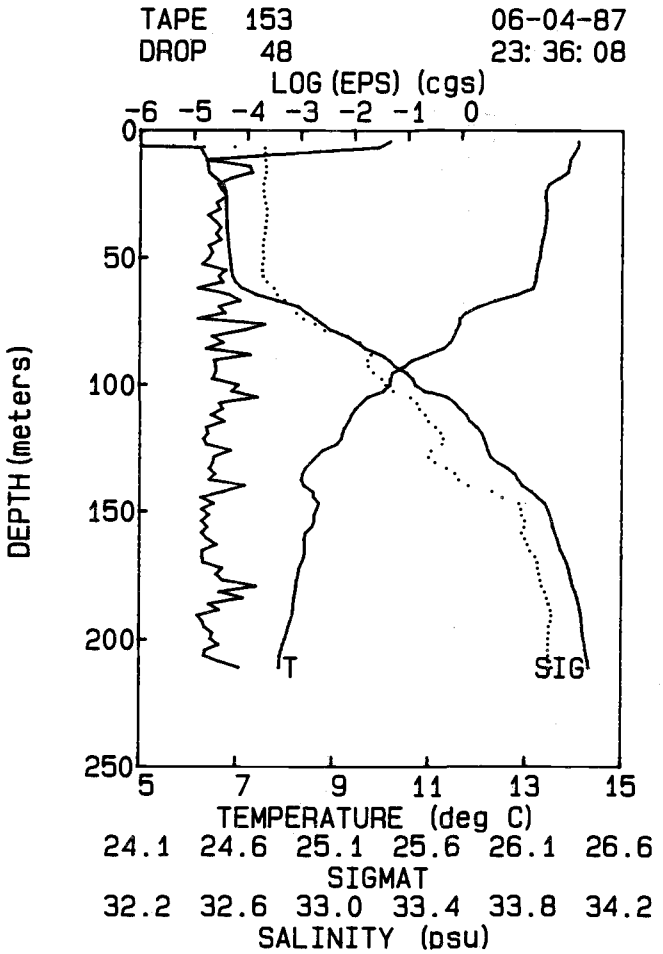
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

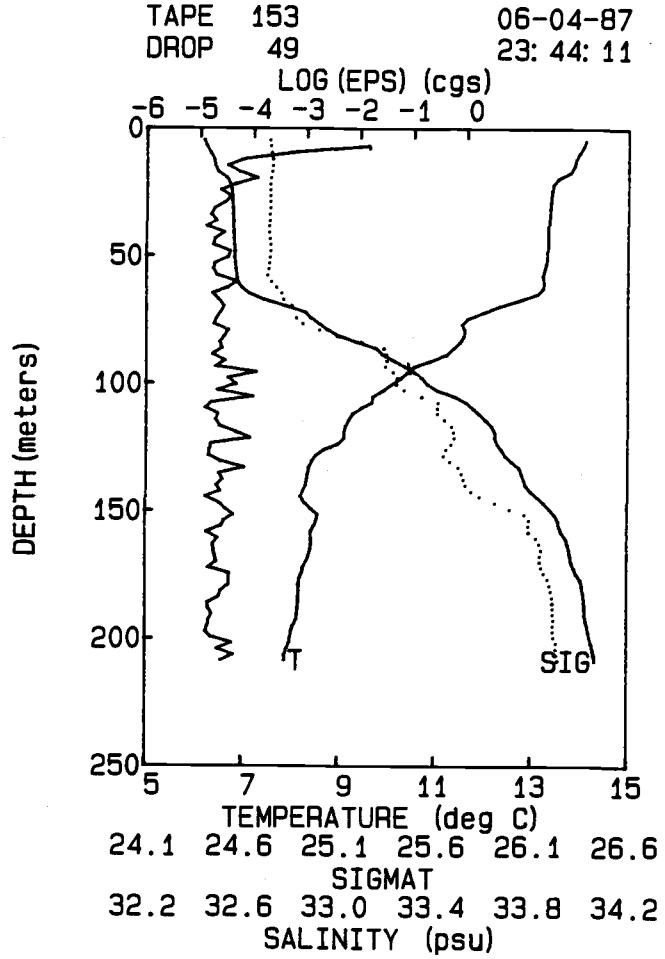

TAPE 153
DROP 44
06-04-87
23: 00: 40
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

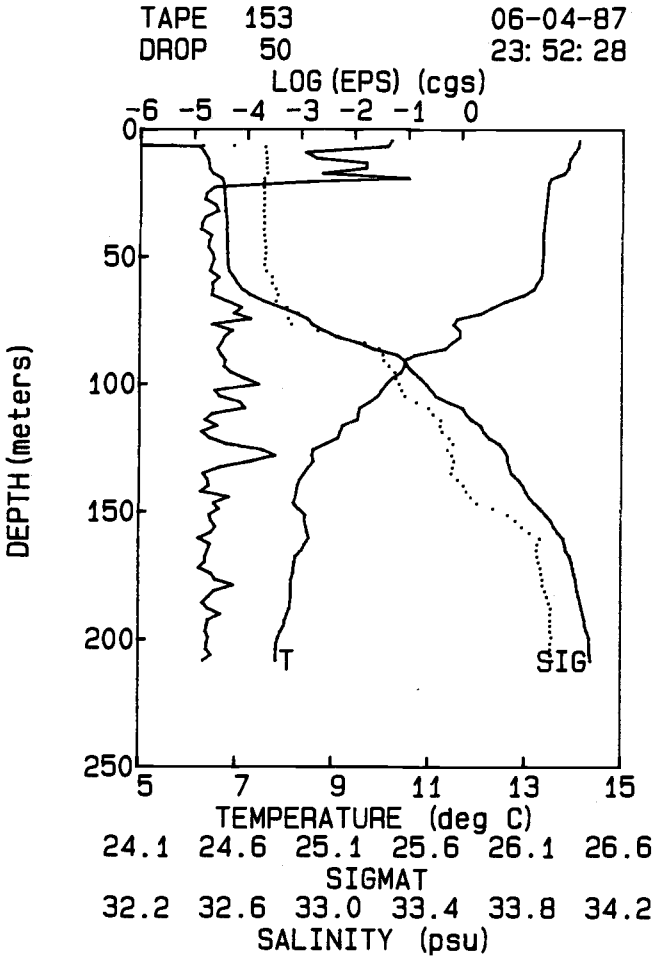

TAPE 153
DROP 45
06-04-87
23: 08: 37
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 153
DROP 46
06-04-87
23: 19: 36
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 153
DROP 47
06-04-87
23: 27: 51
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 153
DROP 48
06-04-87
23: 36: 08
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 153
DROP 49
06-04-87
23: 44: 11
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 153
DROP 50
06-04-87
23: 52: 28
LOG (EPS) (cgs)
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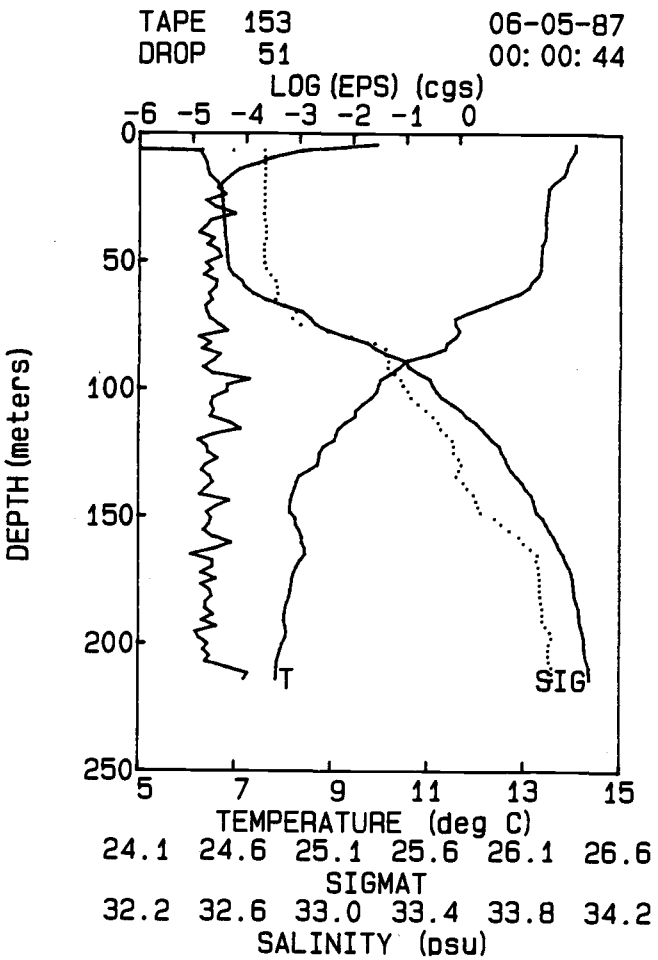
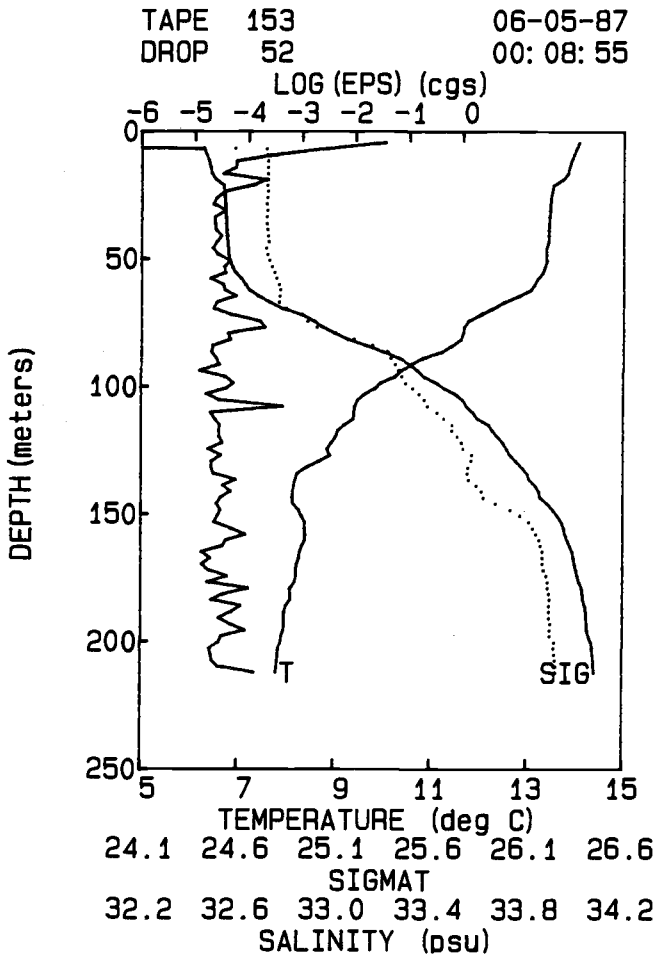
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 153
DROP 51
06-05-87
00: 00: 44
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 153
DROP 52
06-05-87
00: 08: 55
LOG (EPS) (cgs)
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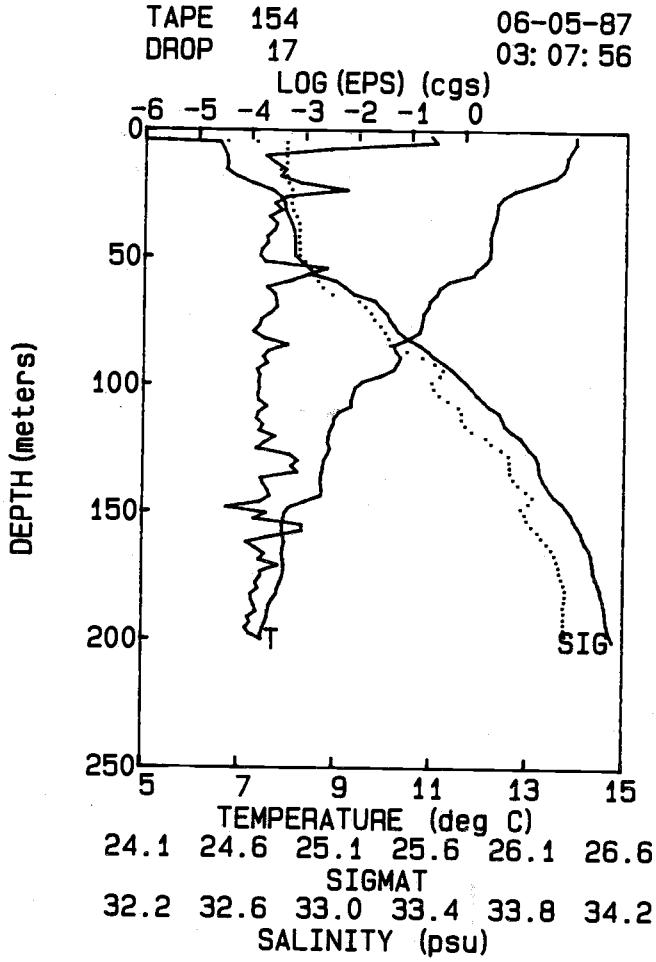
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 17
06-05-87
03: 07: 56
LOG (EPS) (cgs)
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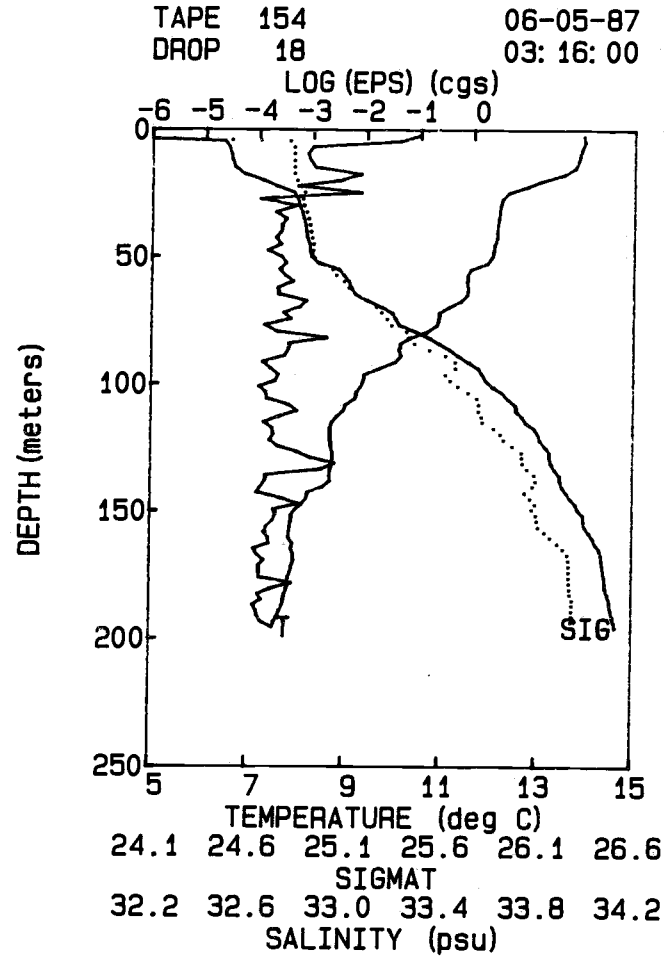
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 18
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03: 16: 00
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DEPTH (meters)
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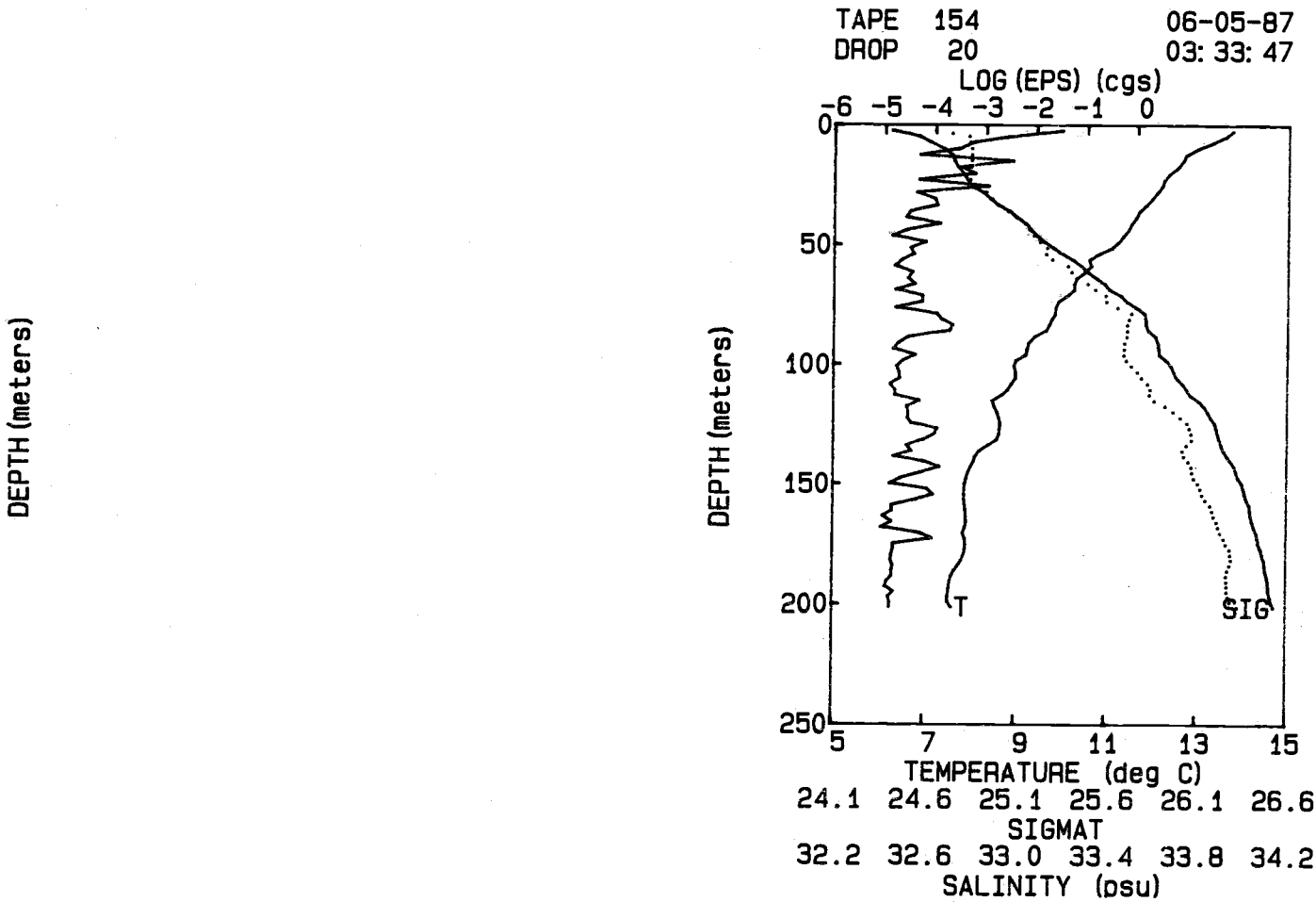
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 20
06-05-87
03: 33: 47
LOG (EPS) (cgs)
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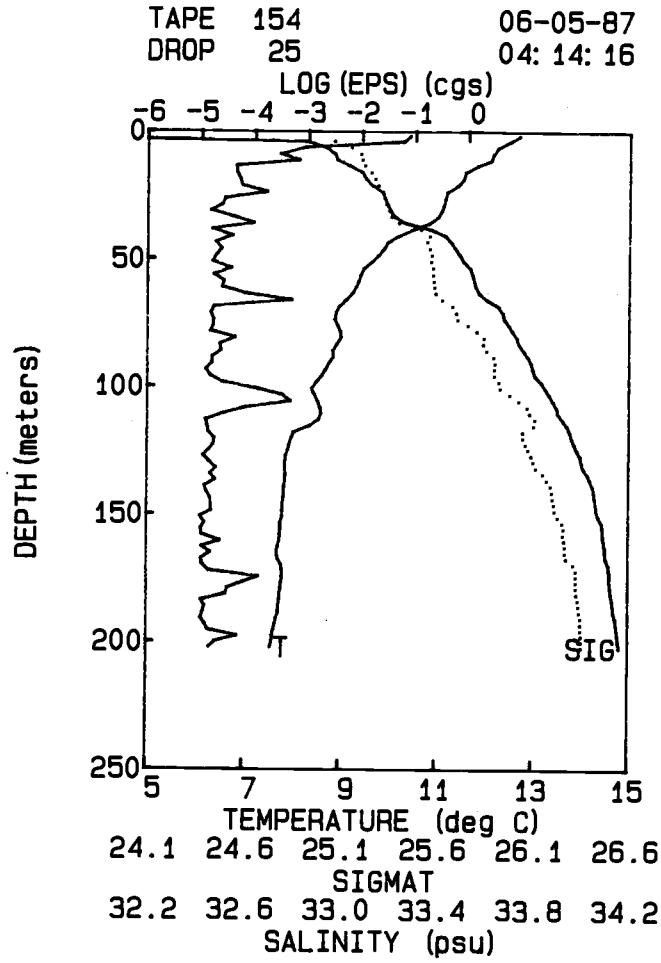
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 25
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LOG (EPS) (cgs)
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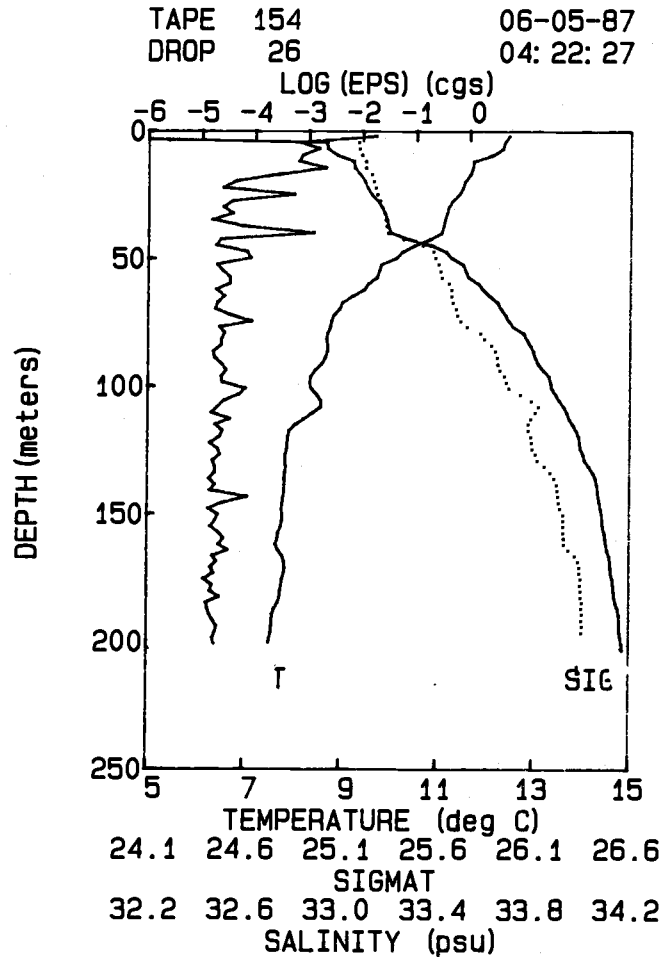
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 26
06-05-87
04: 22: 27
LOG (EPS) (cgs)
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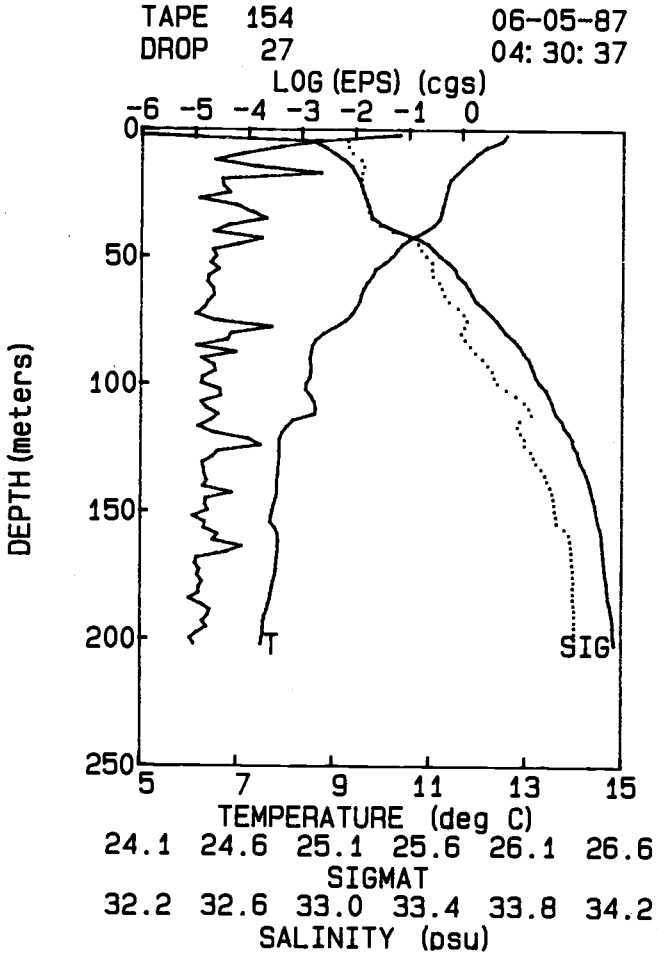
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 27
06-05-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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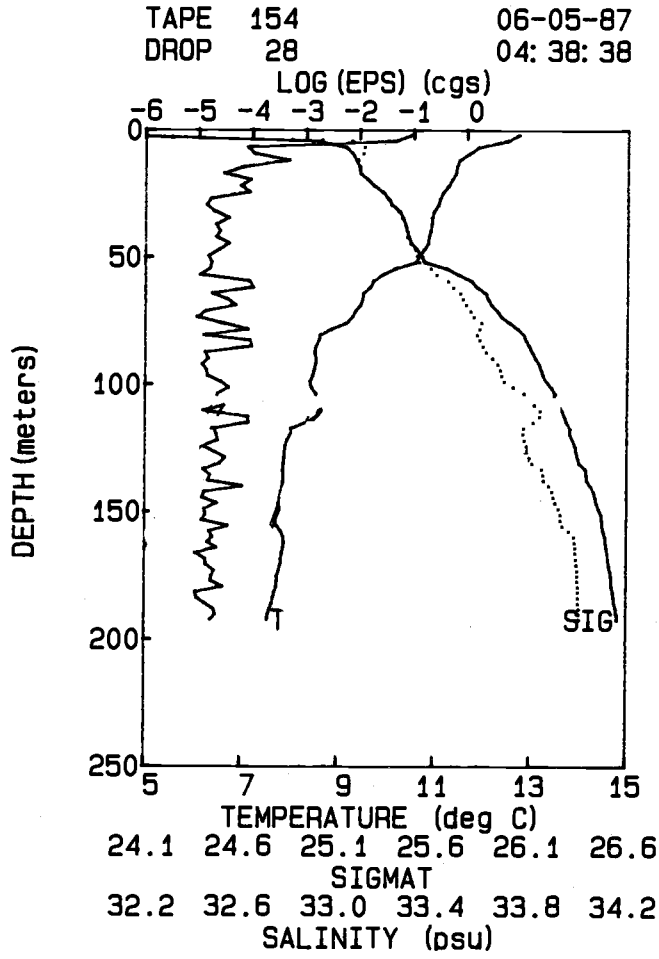
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 28
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DEPTH (meters)
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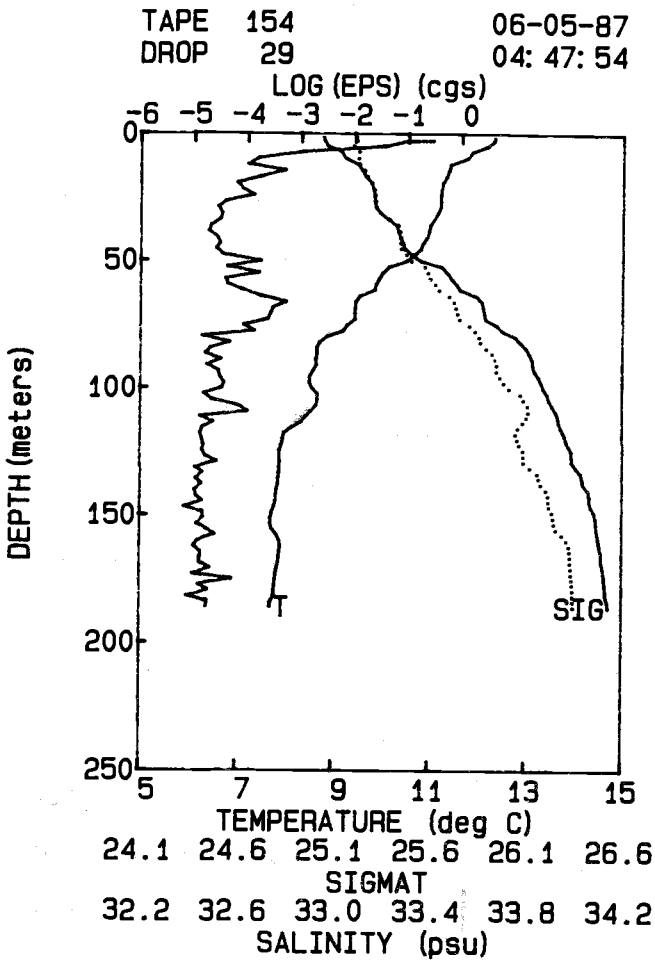
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 29
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04: 47: 54
LOG (EPS) (cgs)
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DEPTH (meters)
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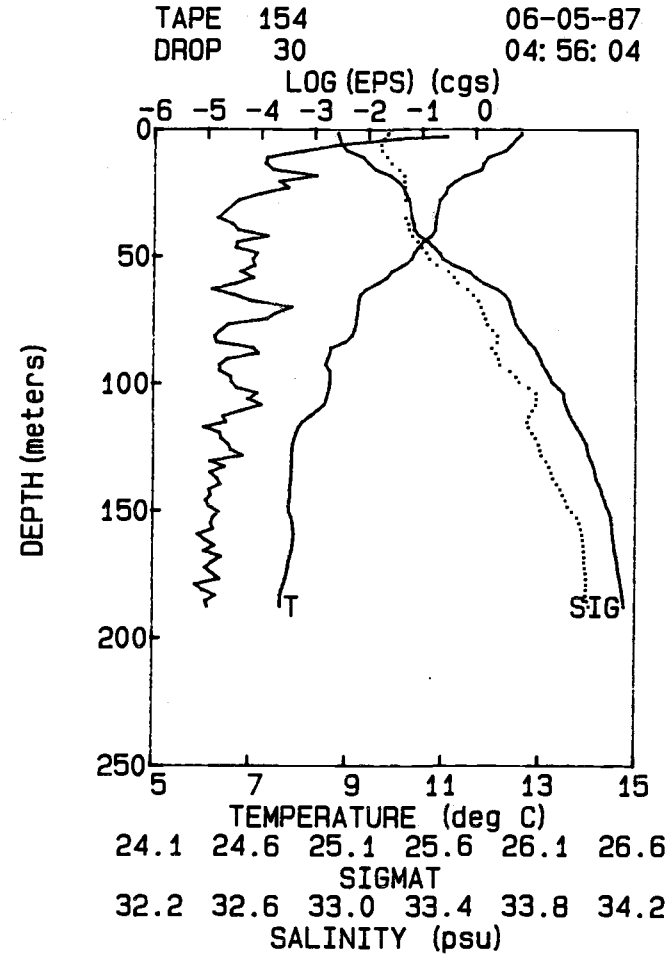
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 30
06-05-87
04: 56: 04
LOG (EPS) (cgs)
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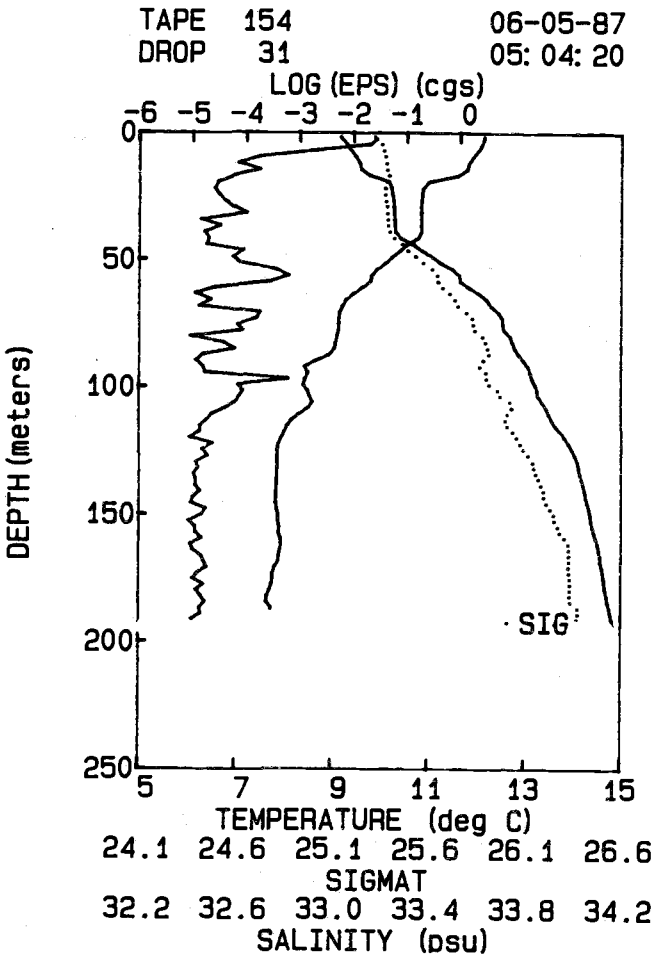
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 31
06-05-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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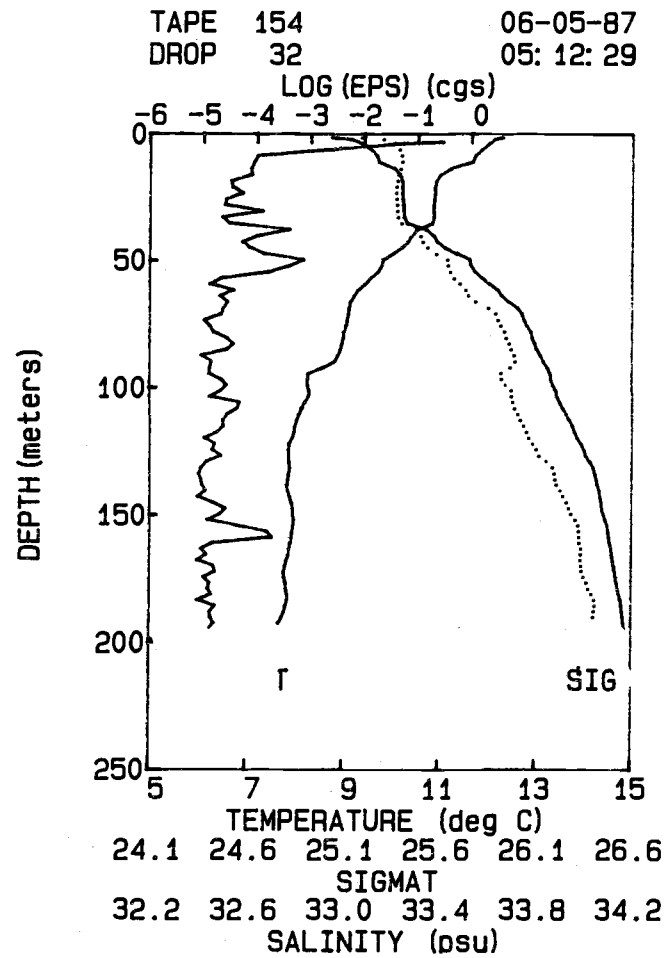
100
150
200
250
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 32
06-05-87
05: 12: 29
LOG (EPS) (cgs)
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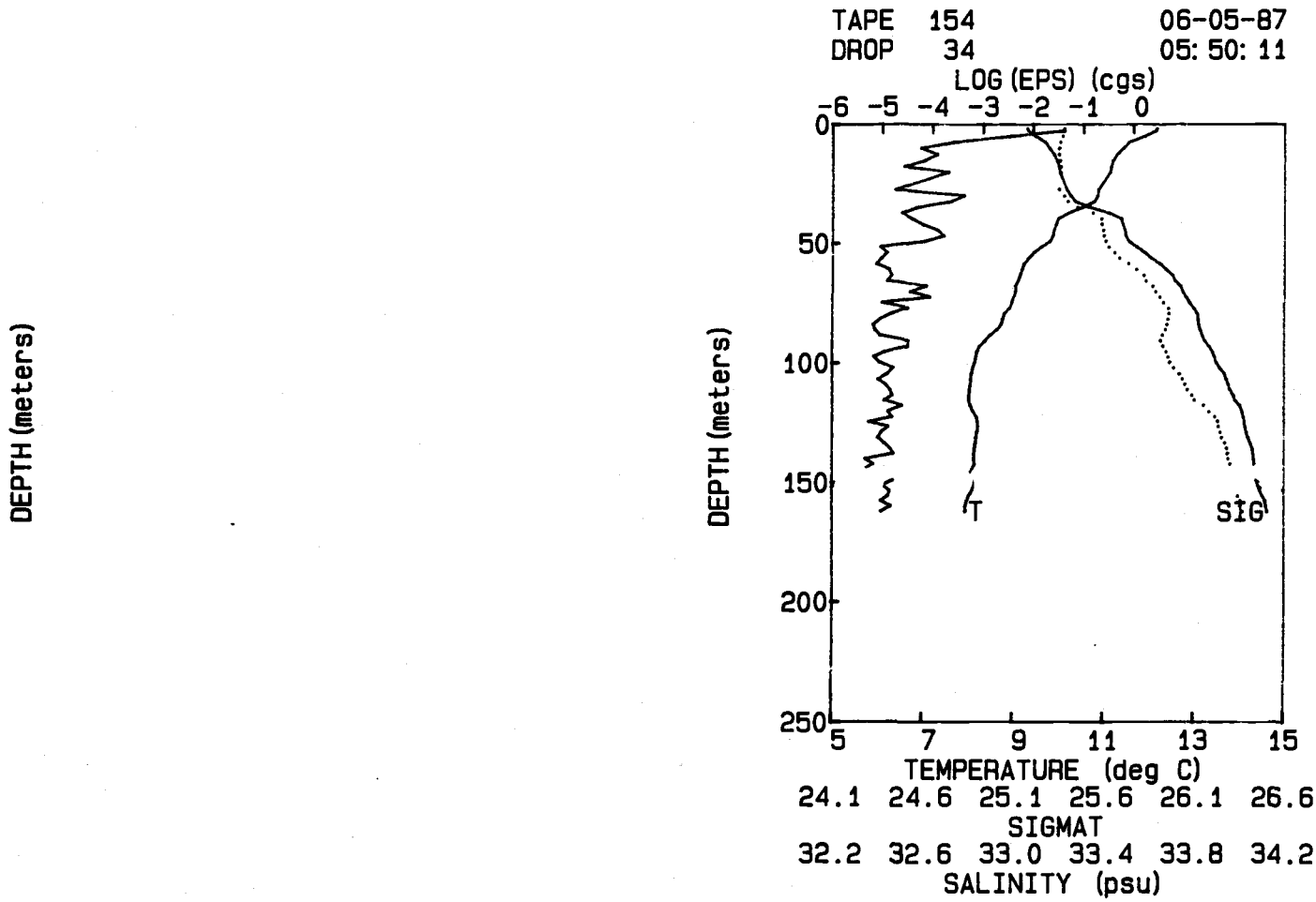
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 34
06-05-87
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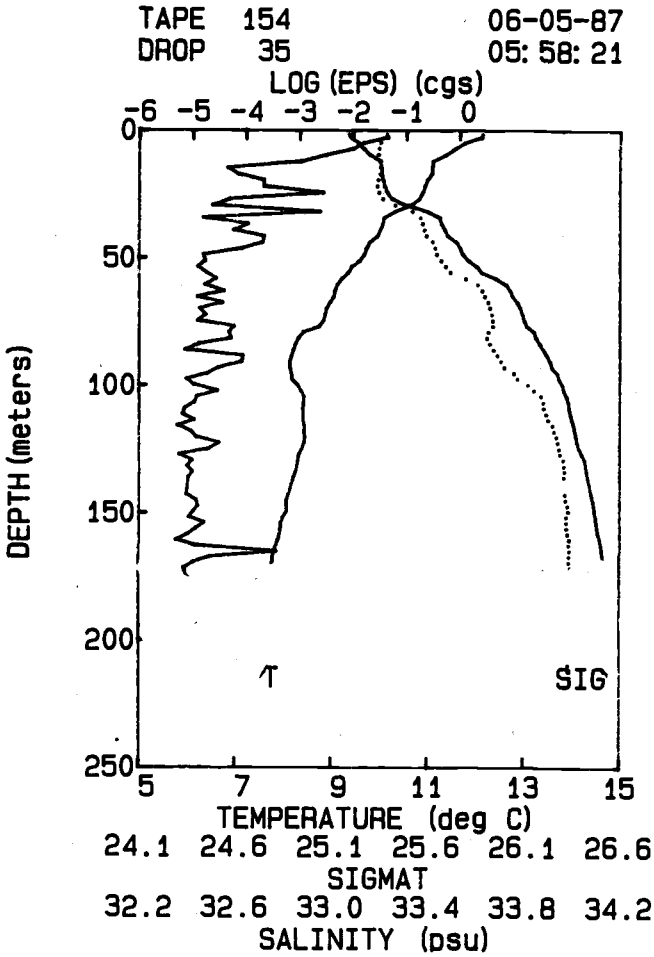
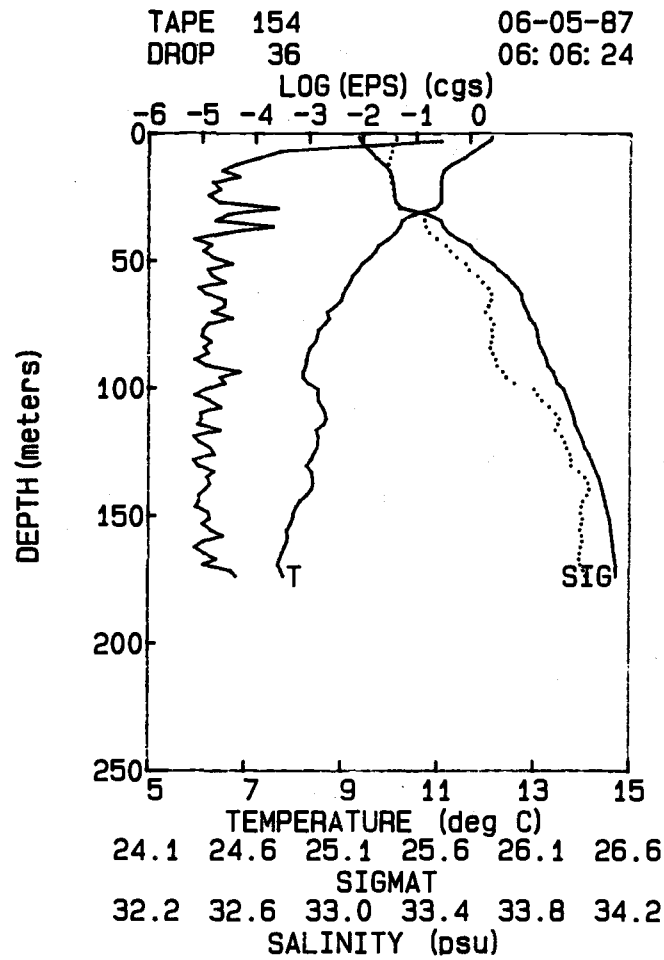
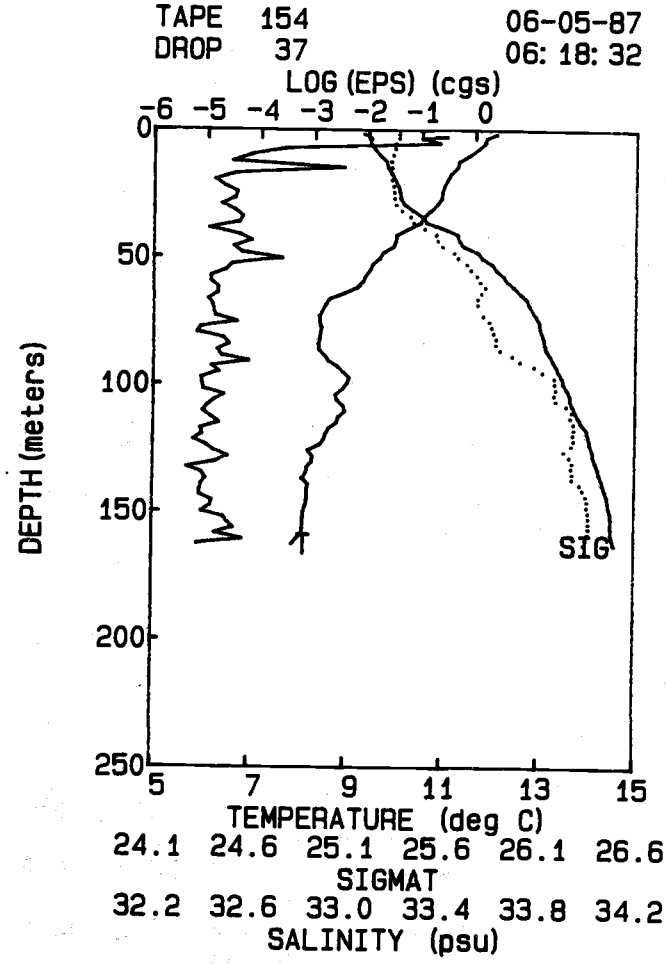
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 35
06-05-87
05: 58: 21
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 36
06-05-87
06: 06: 24
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 37
06-05-87
06: 18: 32
LOG (EPS) (cgs)
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DEPTH (meters)
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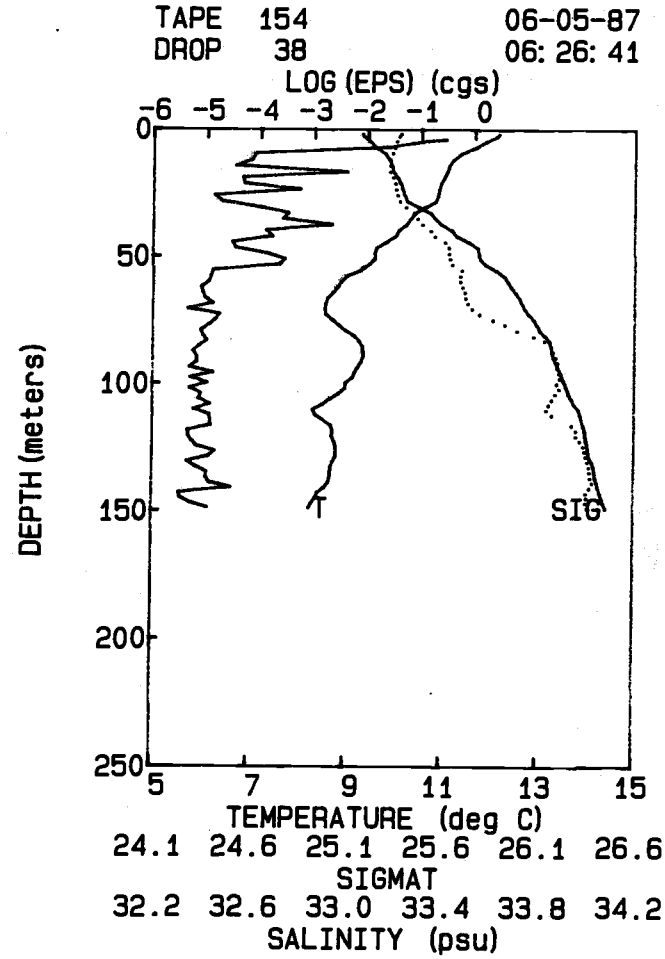
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 38
06-05-87
06: 26: 41
LOG (EPS) (cgs)
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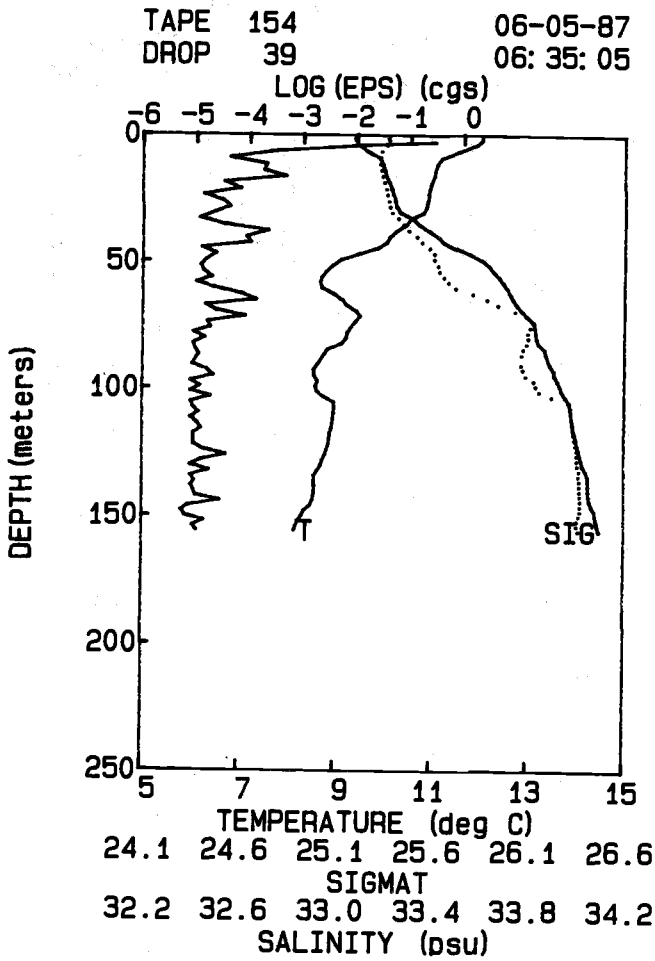
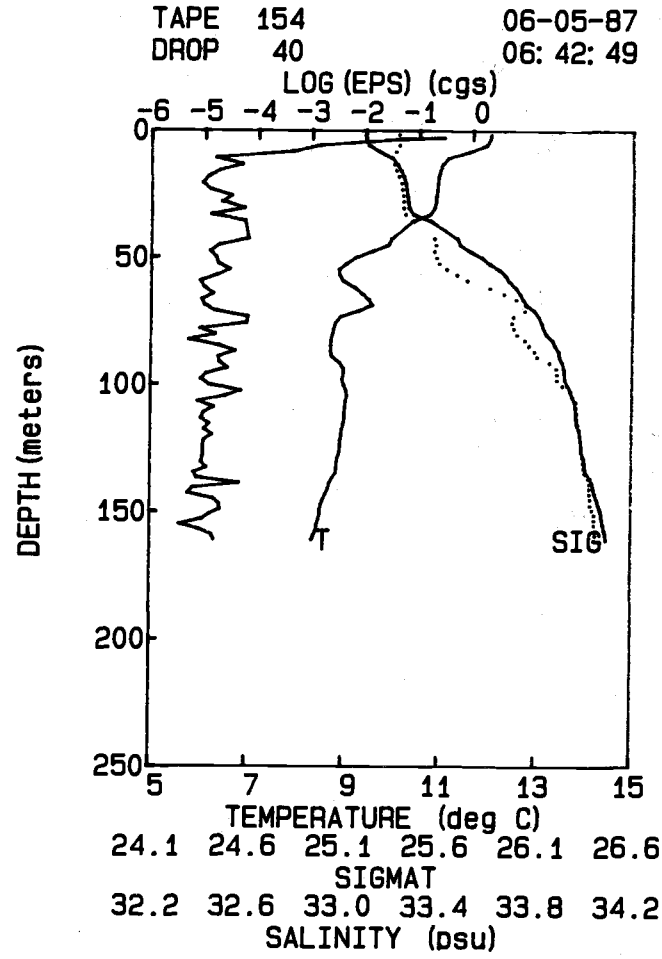
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 39
06-05-87
06: 35: 05
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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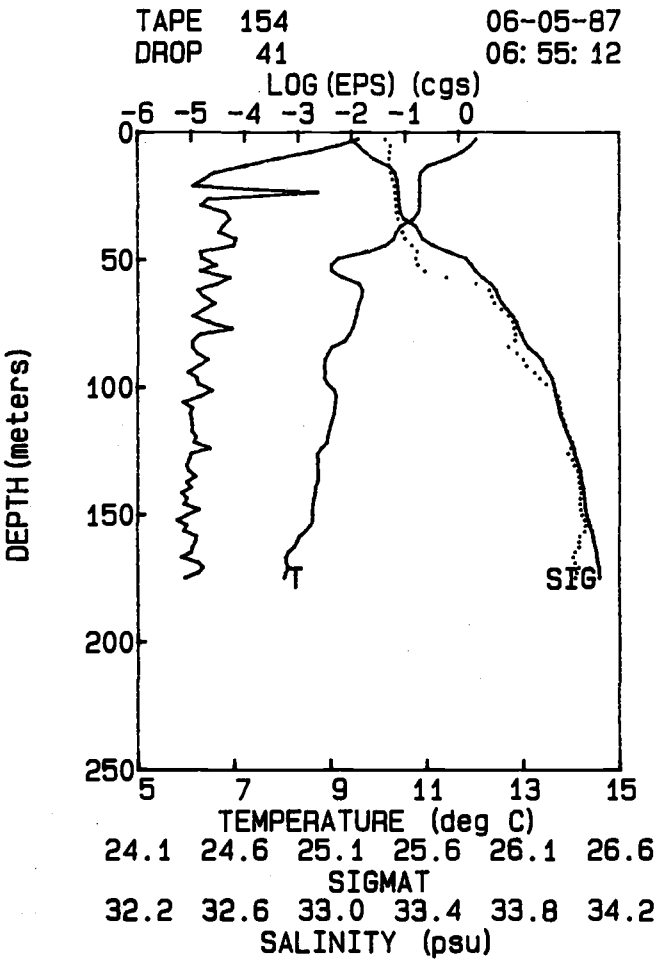
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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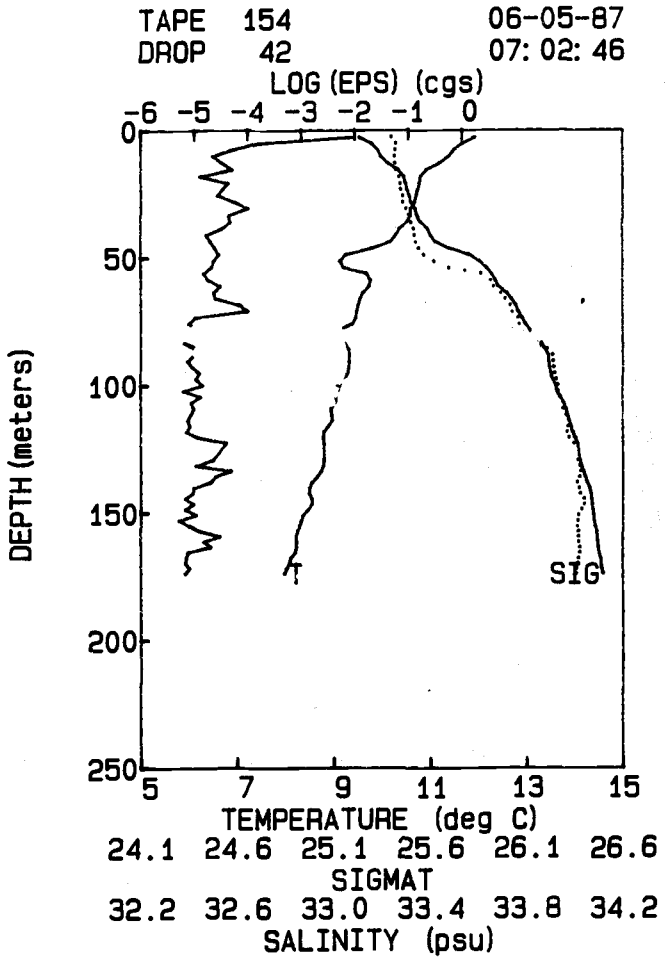
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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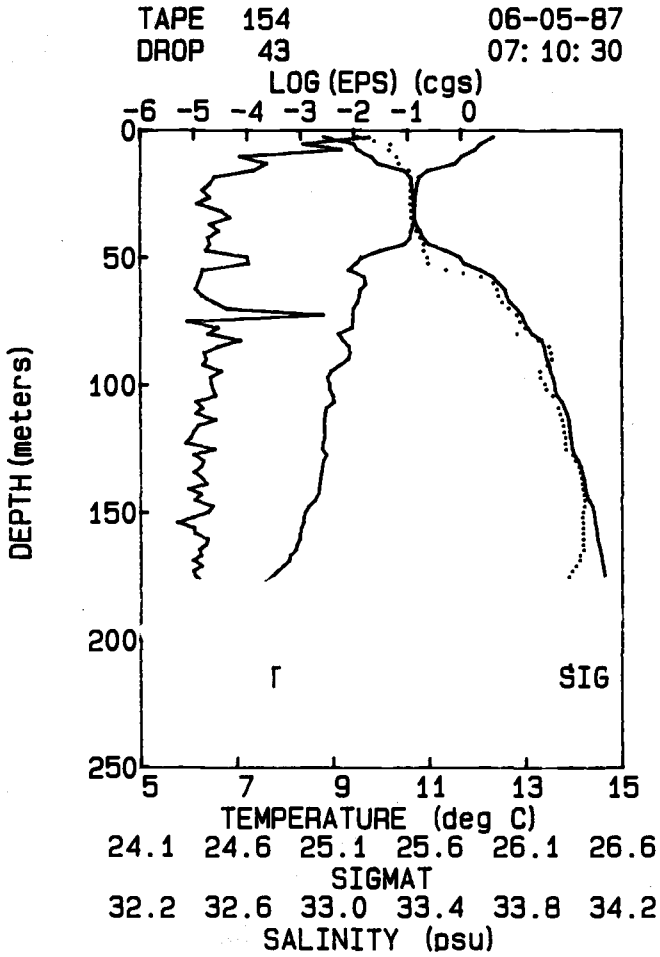
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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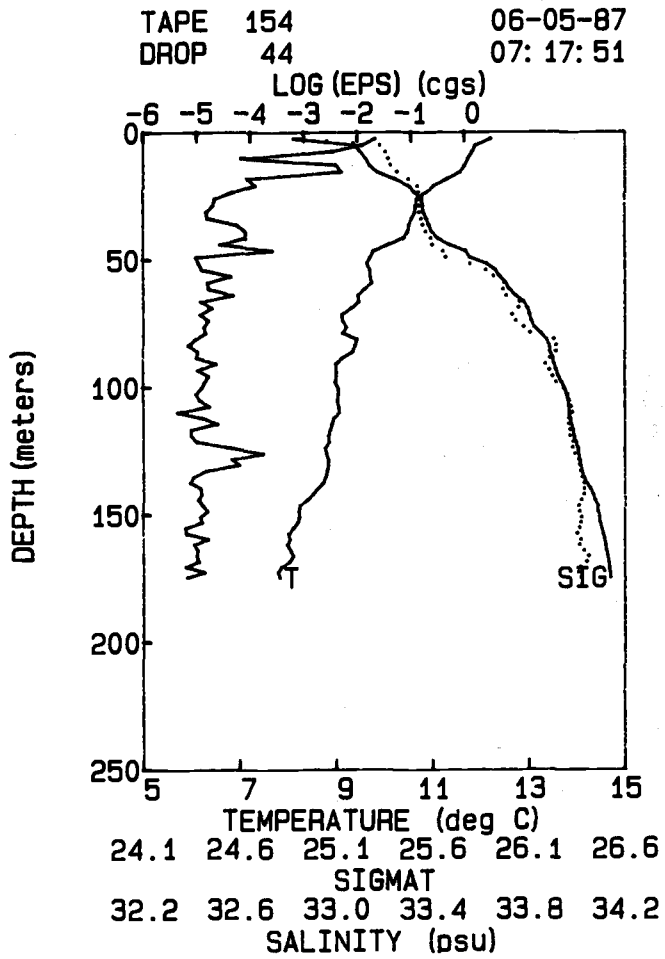
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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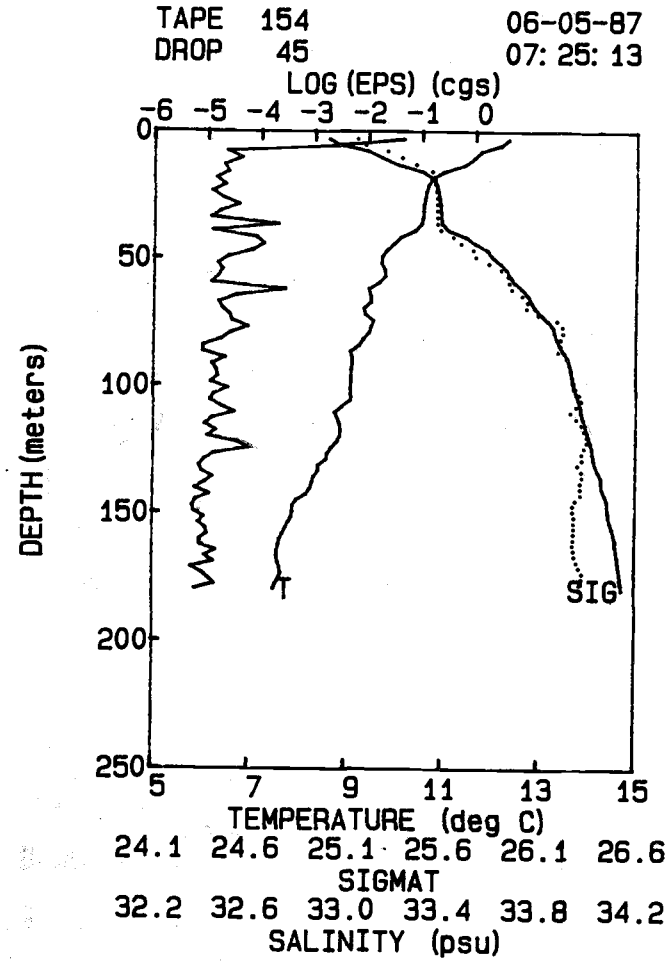
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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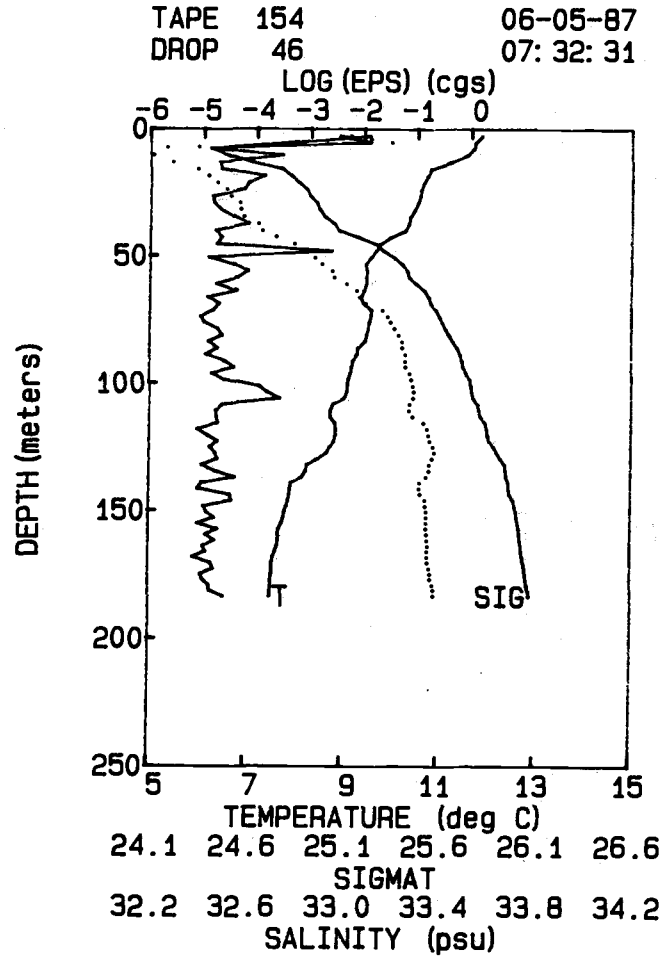
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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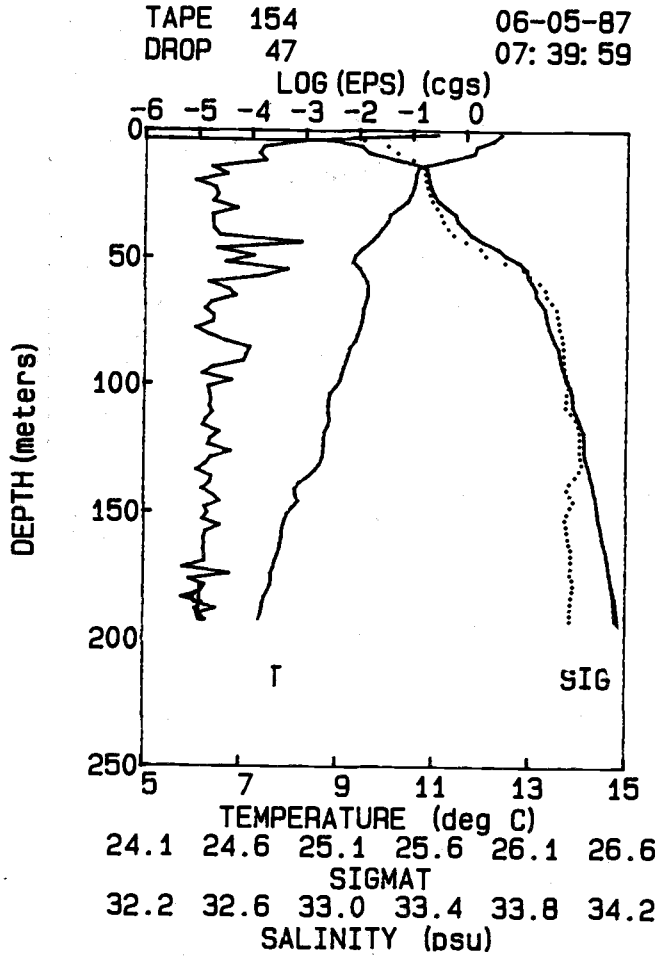
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 47
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07: 39: 59
LOG (EPS) (cgs)
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DEPTH (meters)
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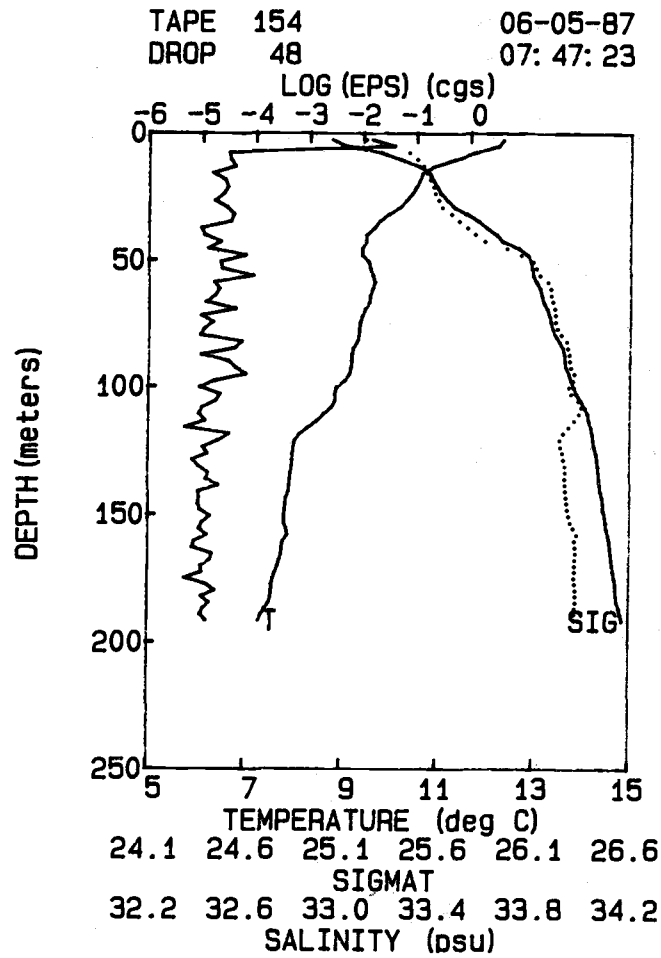
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 48
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DEPTH (meters)
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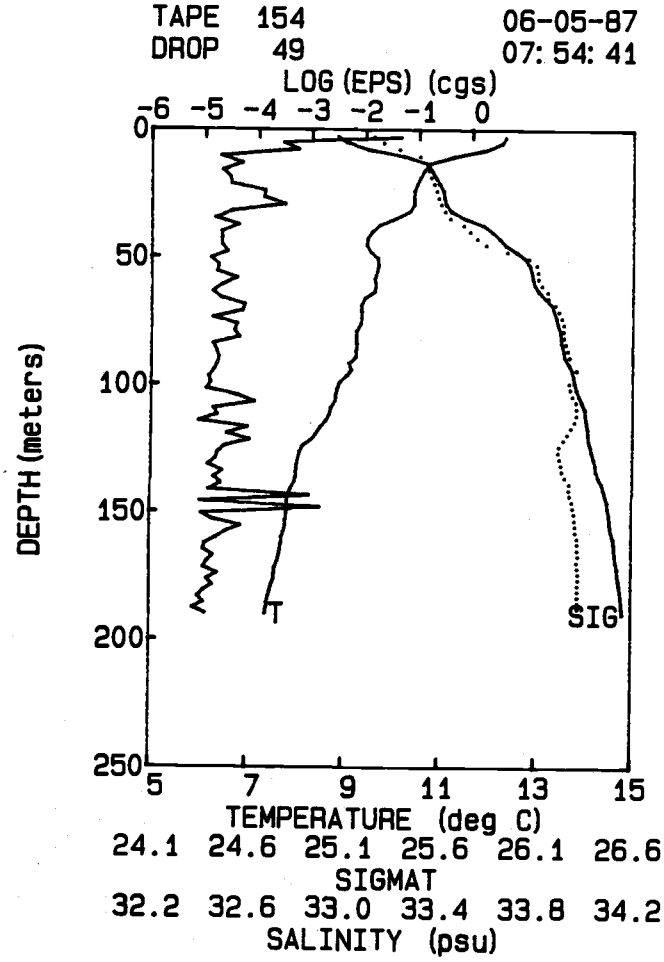
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 49
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LOG (EPS) (cgs)
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DEPTH (meters)
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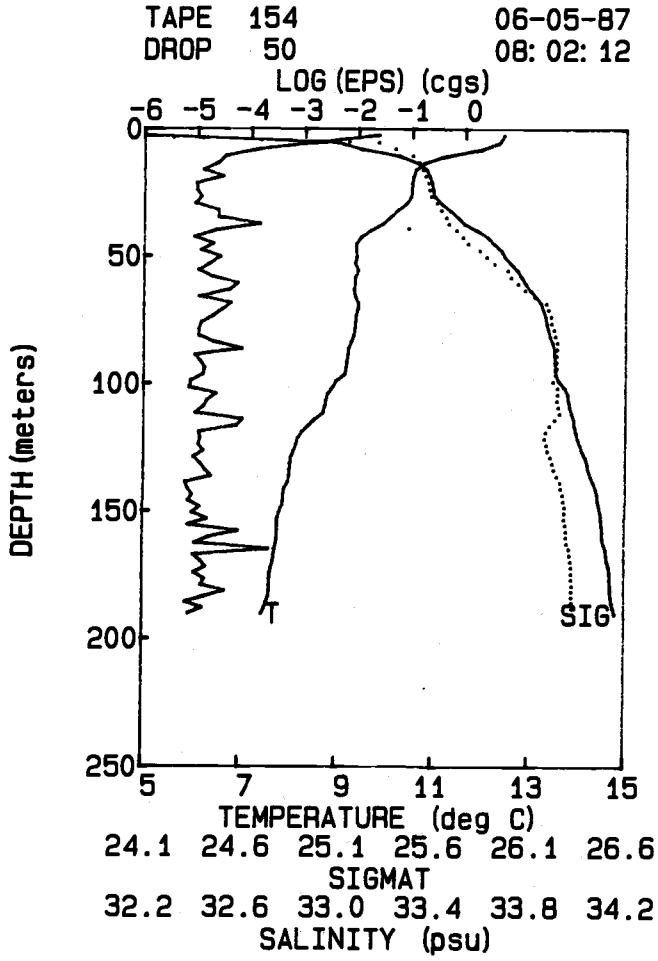
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
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LOG (EPS) (cgs)
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DEPTH (meters)
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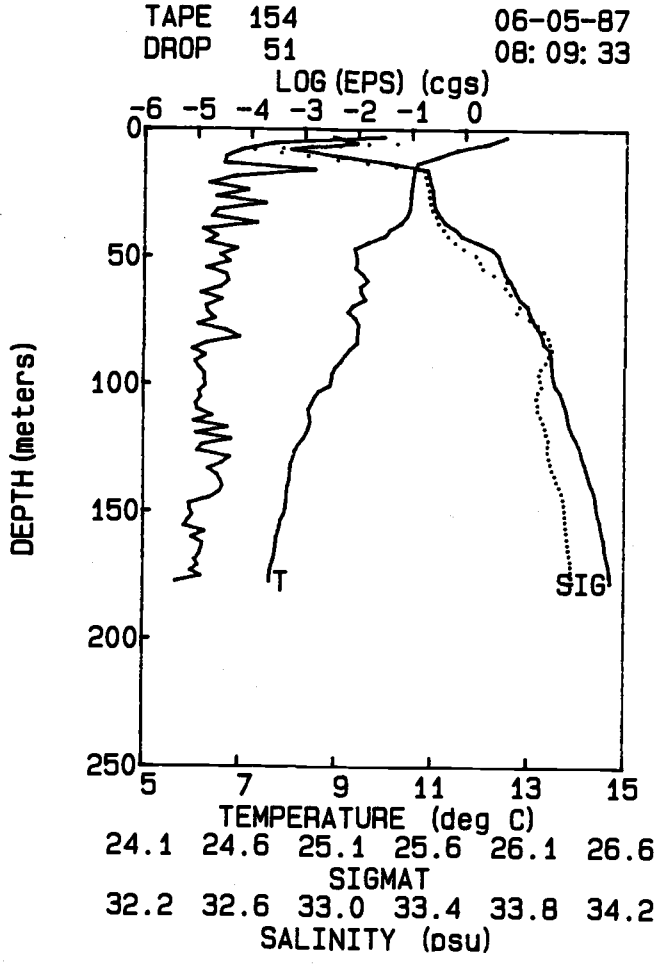
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
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08: 09: 33
LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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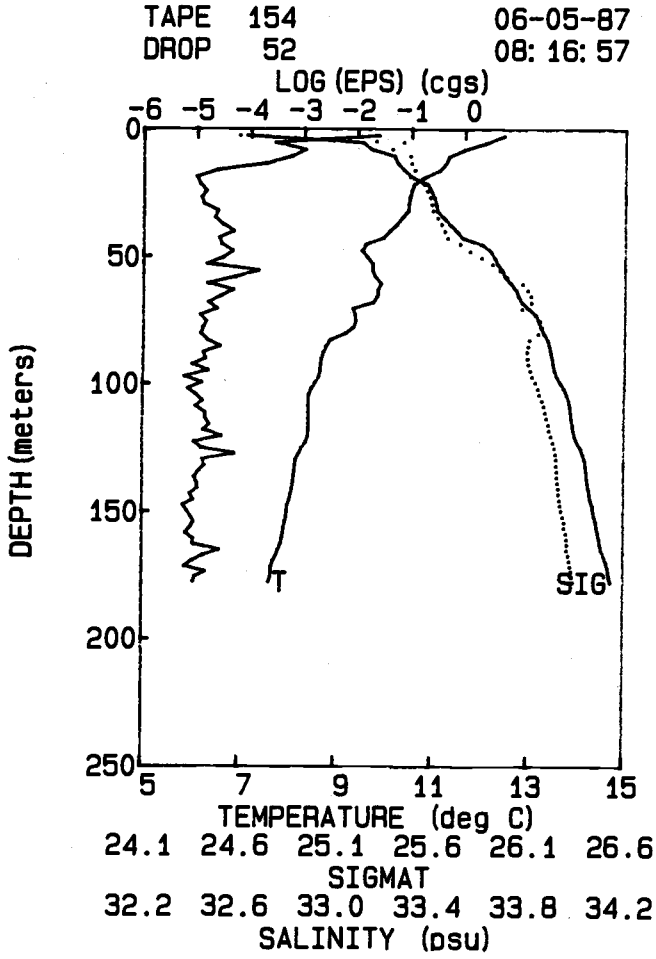
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 52
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LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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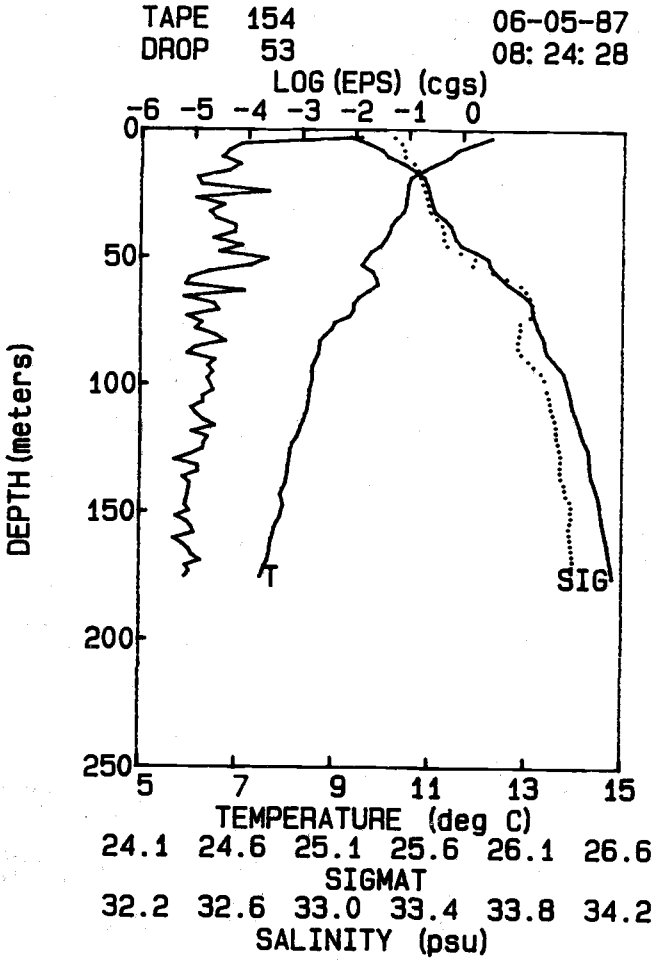
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 53
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08: 24: 28
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DEPTH (meters)
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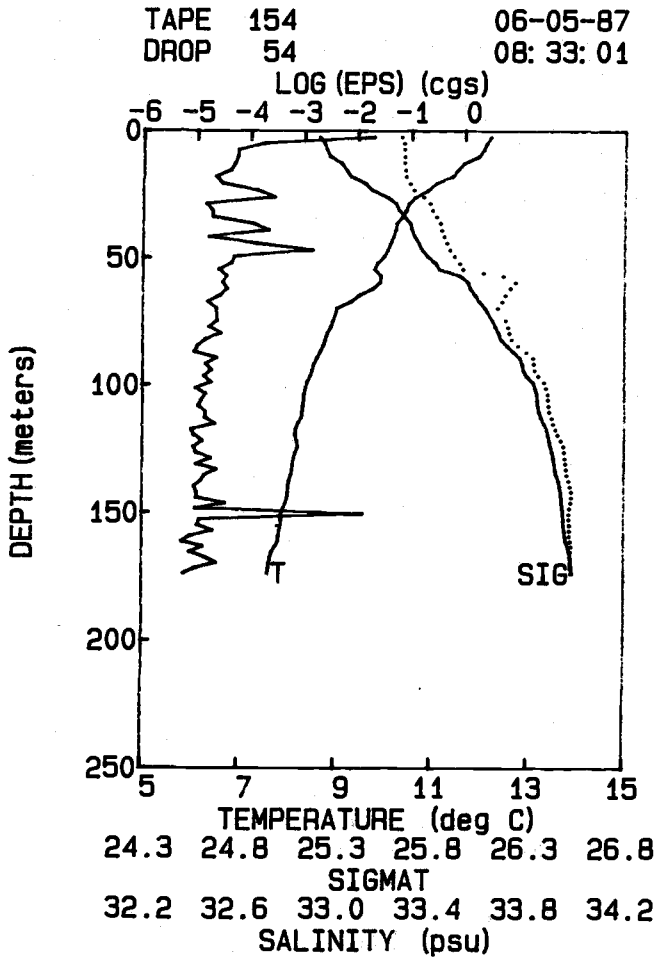
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.1 24.6 25.1 25.6 26.1 26.6
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 154
DROP 54
06-05-87
08: 33: 01
LOG (EPS) (cgs)
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DEPTH (meters)
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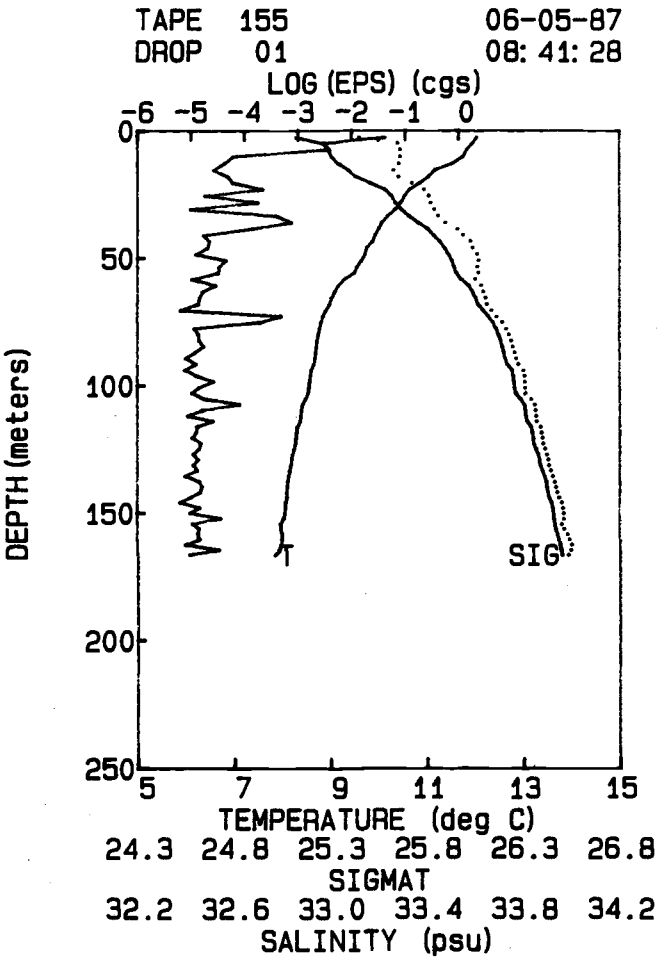
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 155
DROP 01
06-05-87
08: 41: 28
LOG (EPS) (cgs)
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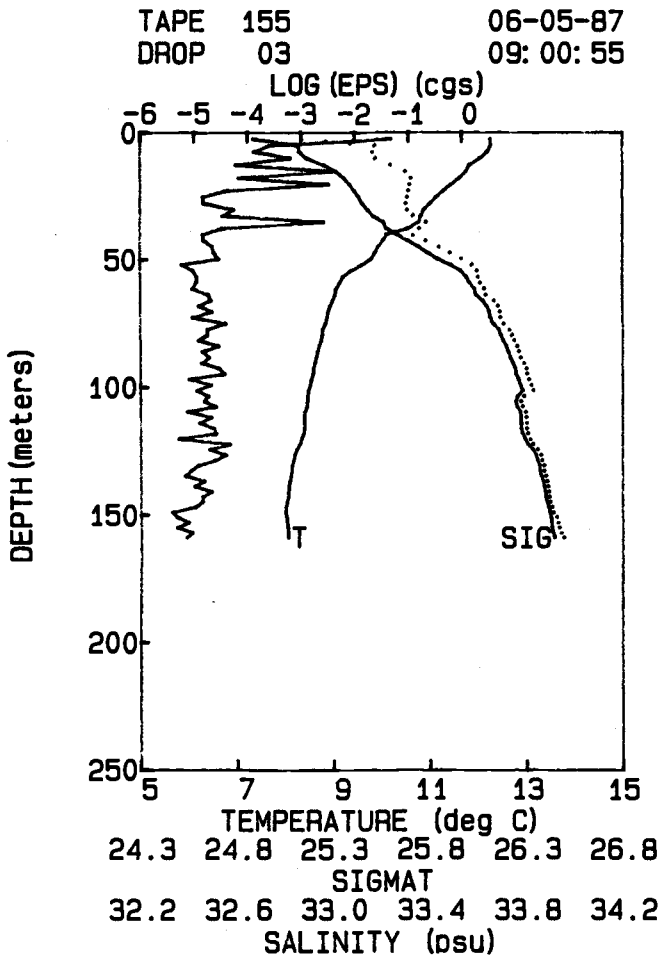
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 155
DROP 03
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LOG (EPS) (cgs)
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DEPTH (meters)
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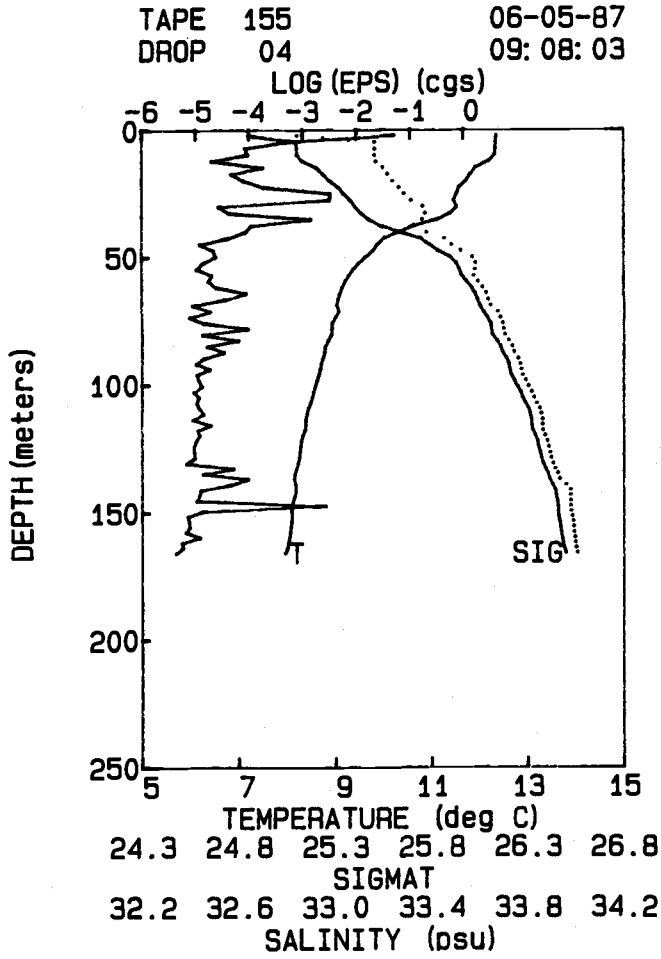
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 155
DROP 04
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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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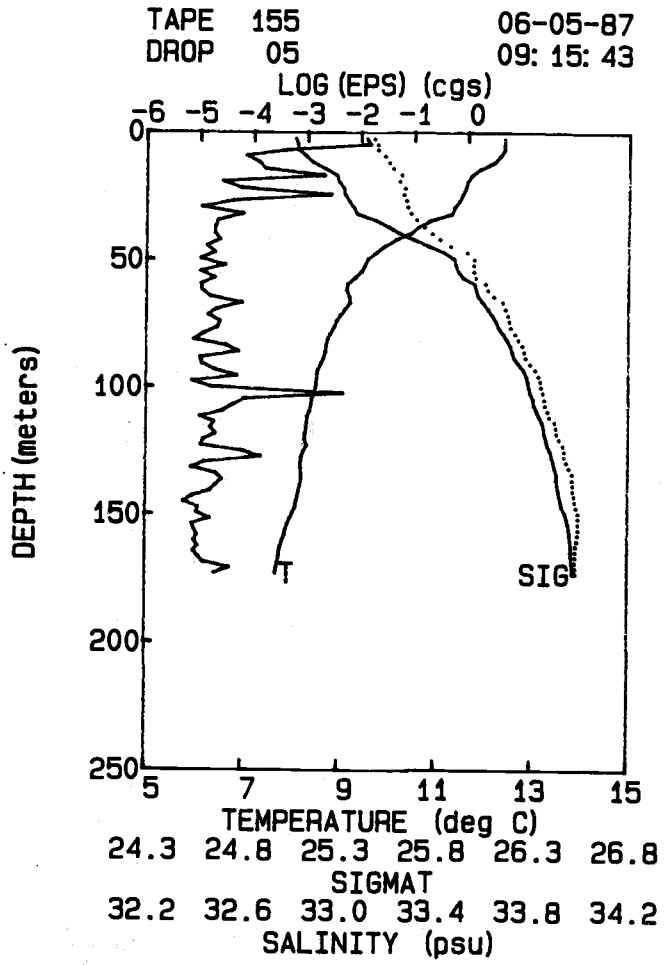
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 155
DROP 05
06-05-87
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DEPTH (meters)
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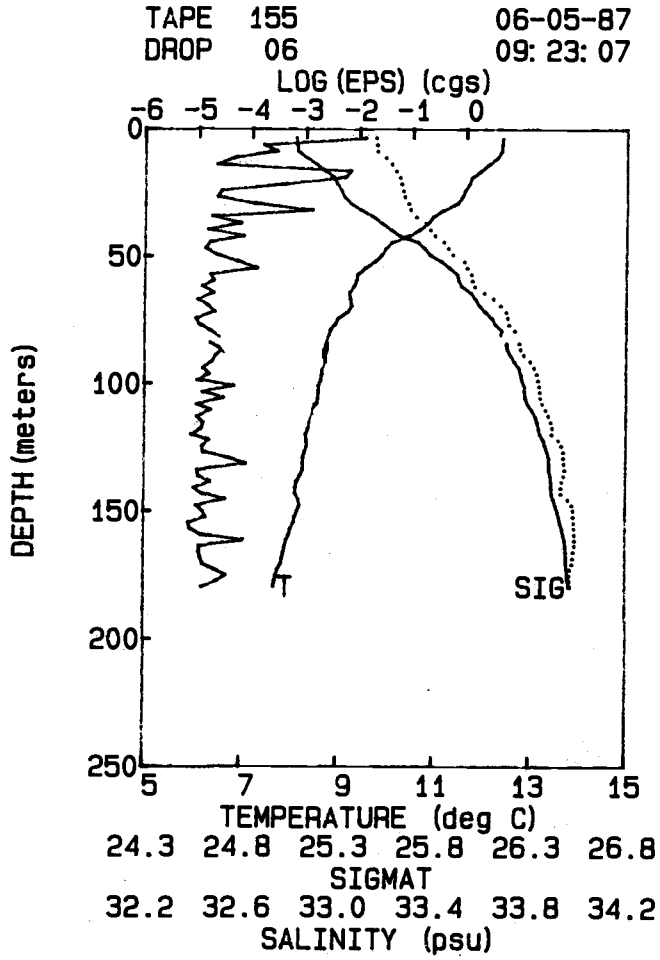
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 155
DROP 06
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DEPTH (meters)
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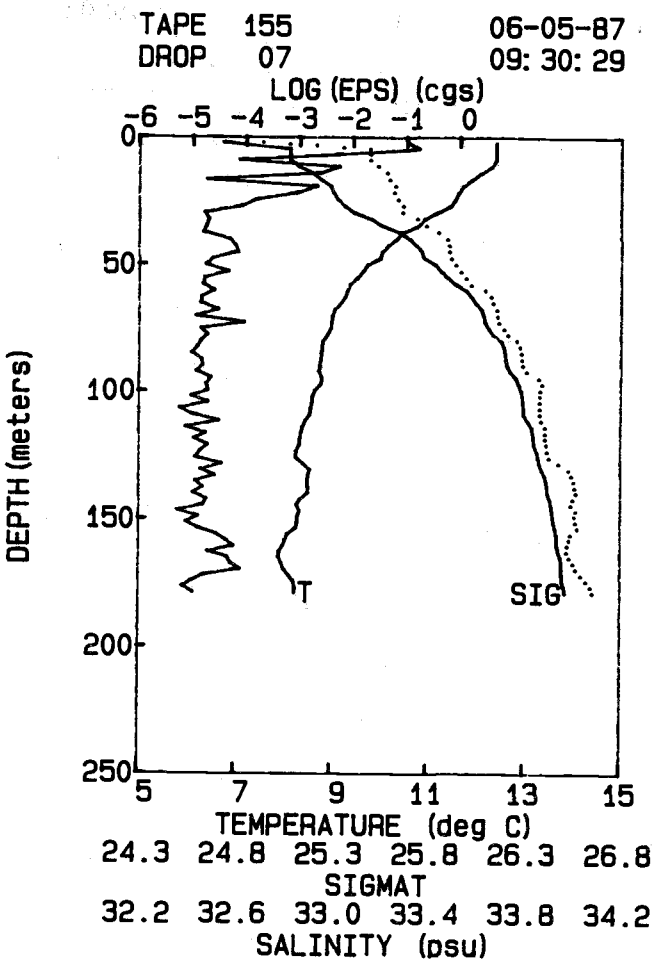
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 07
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09: 30: 29
LOG (EPS) (cgs)
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DEPTH (meters)
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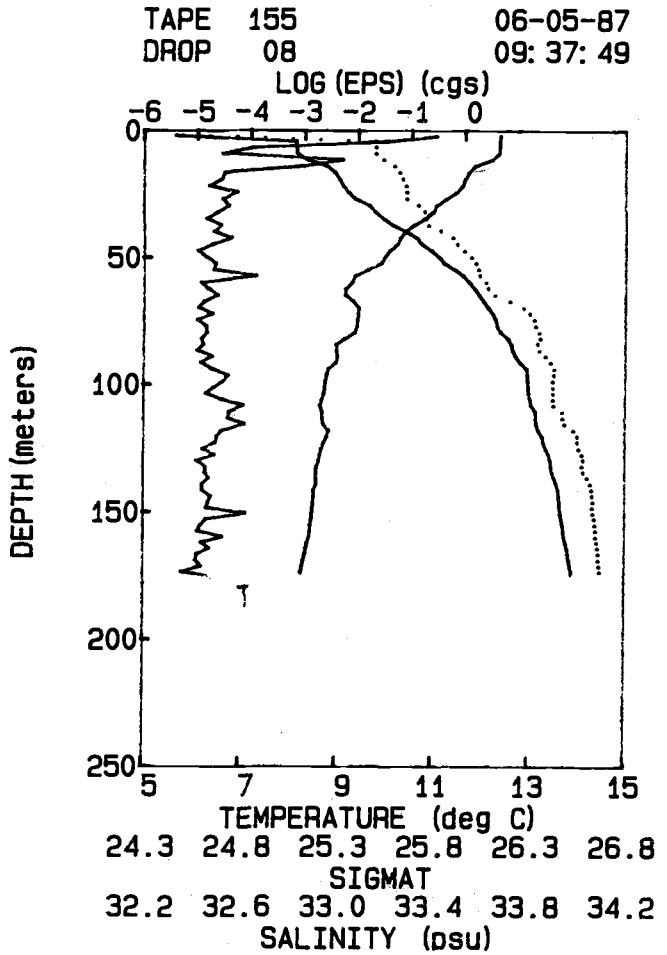
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 155
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09: 37: 49
LOG (EPS) (cgs)
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DEPTH (meters)
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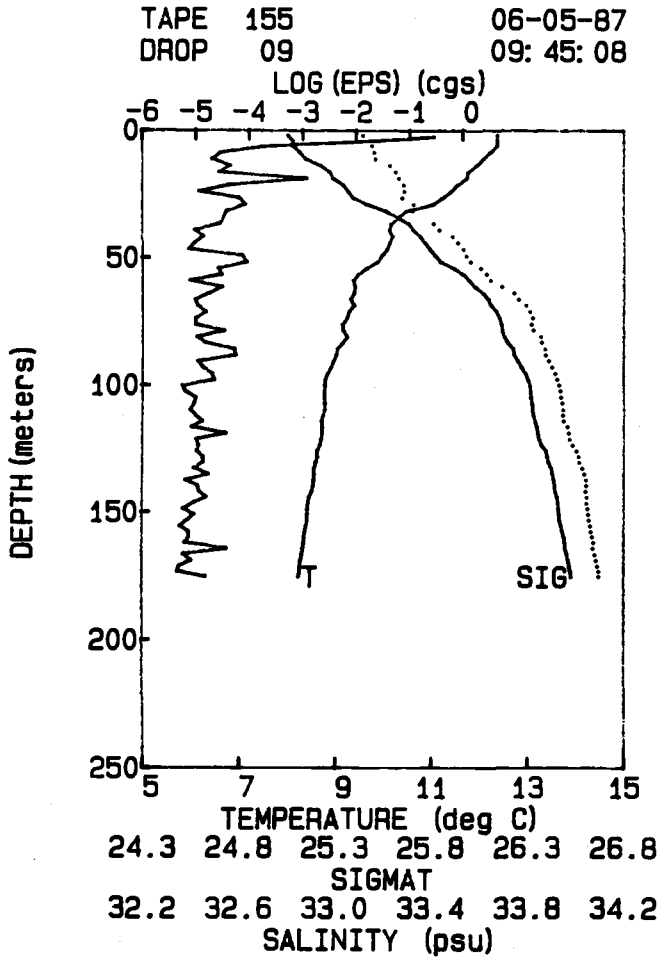
100
150
200
250
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 09
06-05-87
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200
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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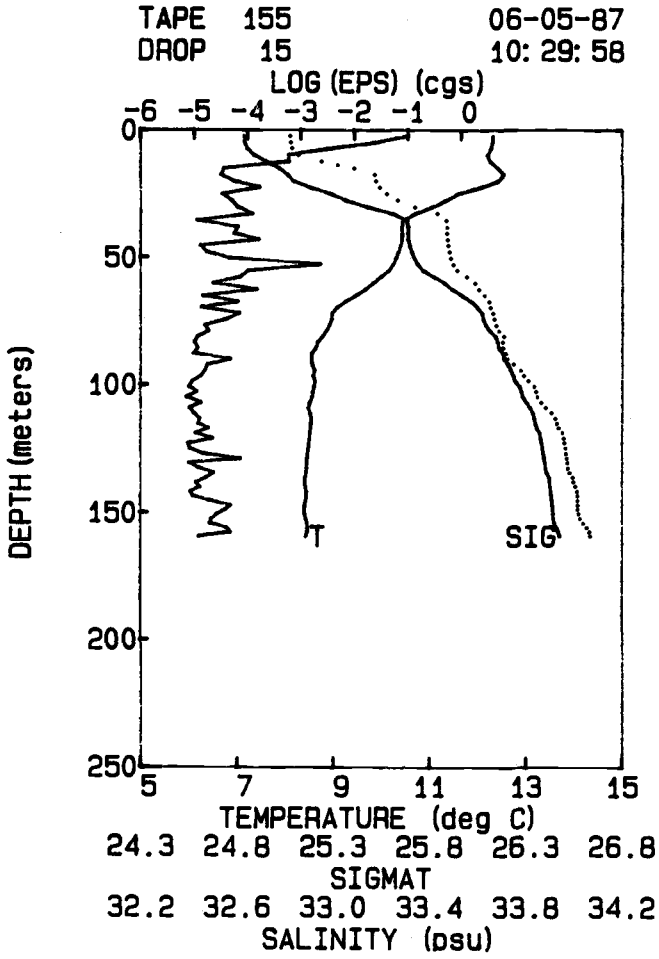
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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LOG (EPS) (cgs)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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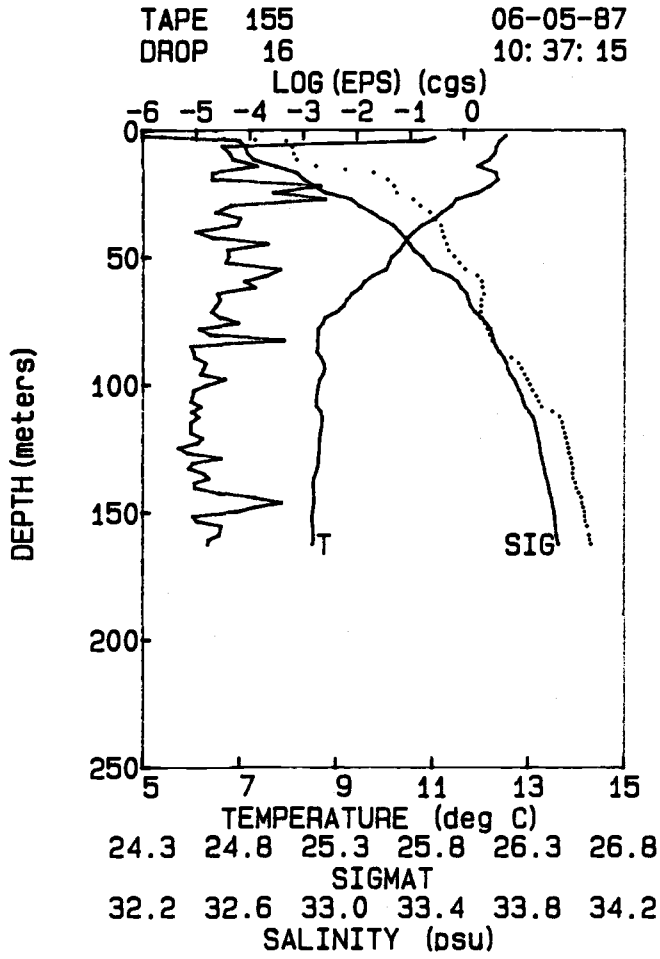
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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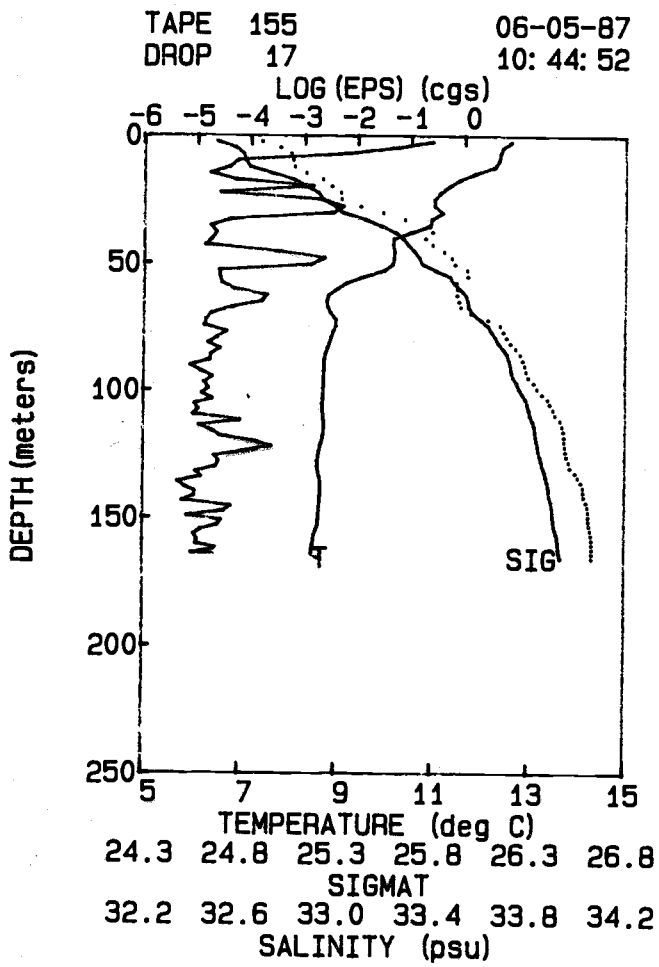
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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10: 44: 52
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150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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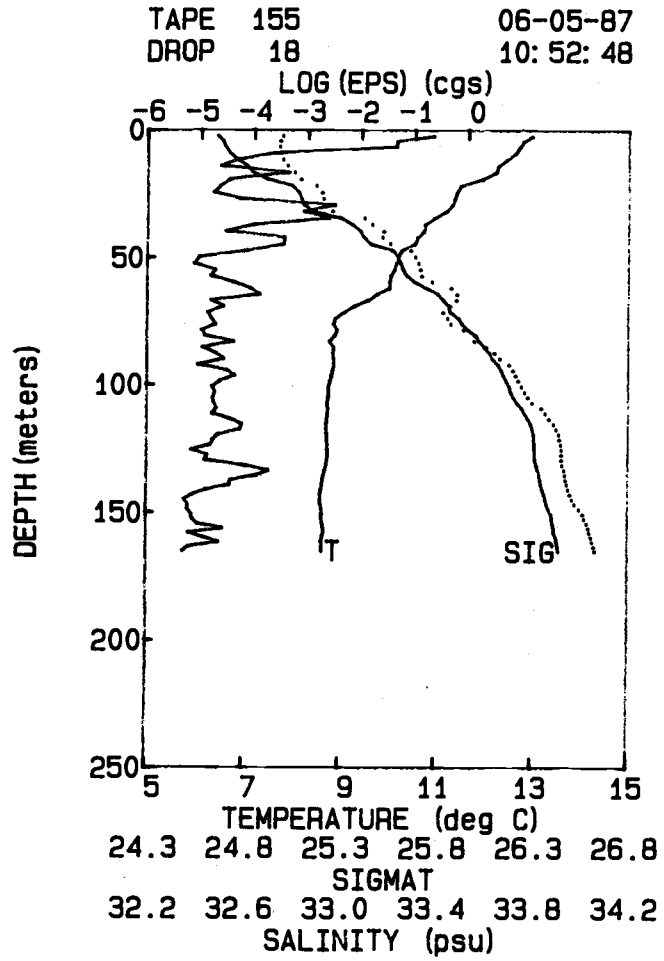
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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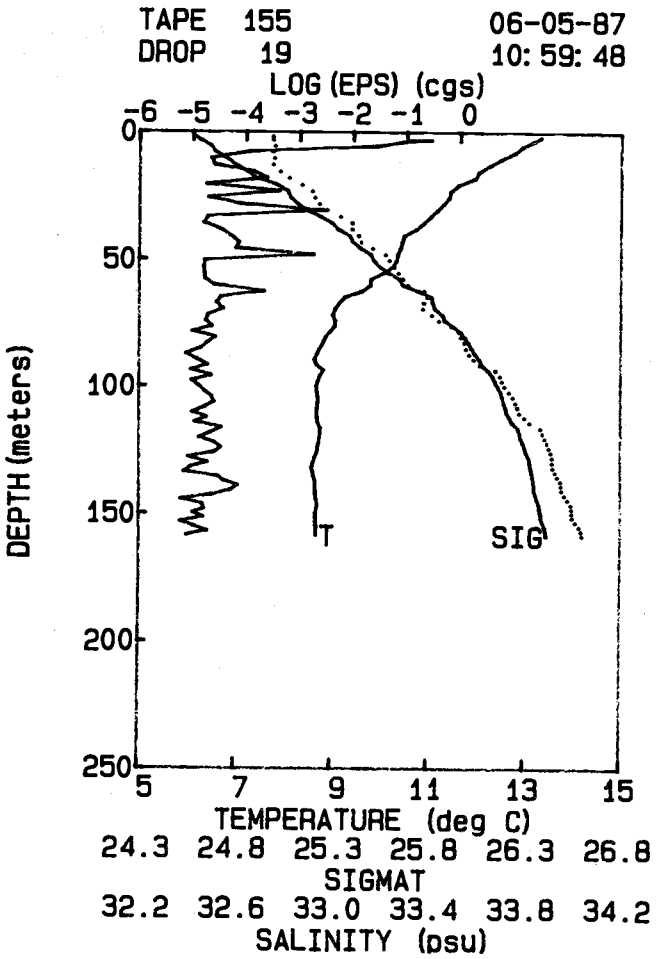
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 155
DROP 19
06-05-87
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DEPTH (meters)
0
50
100
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200
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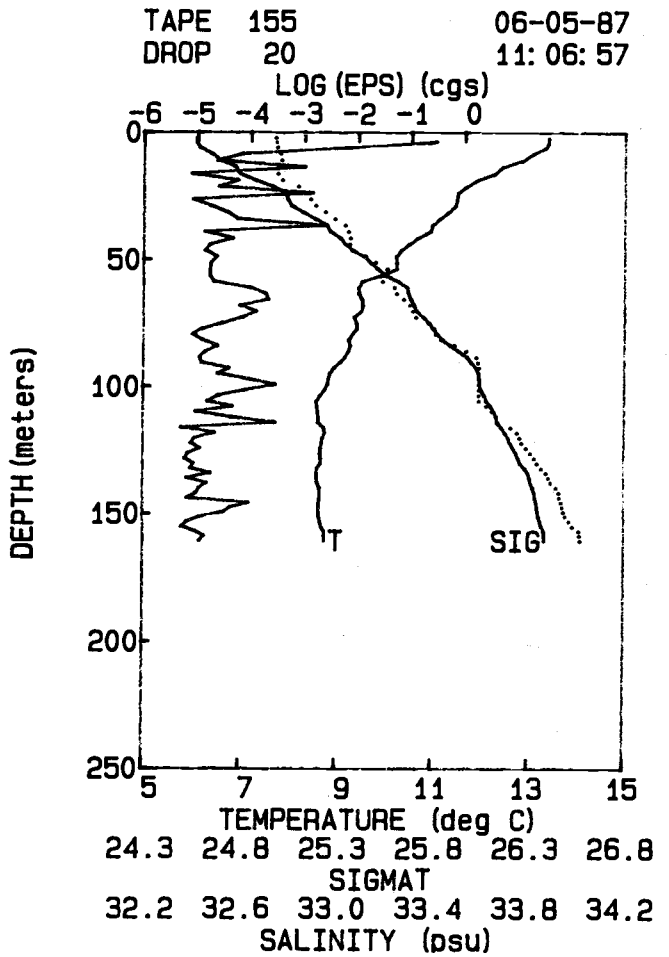
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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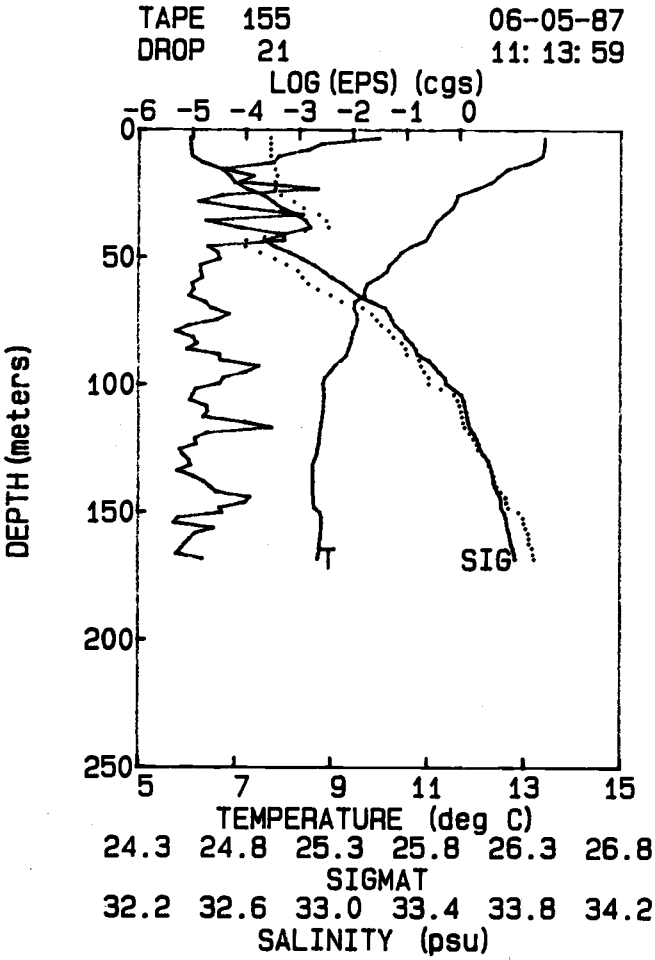
06-05-87
11: 06: 57
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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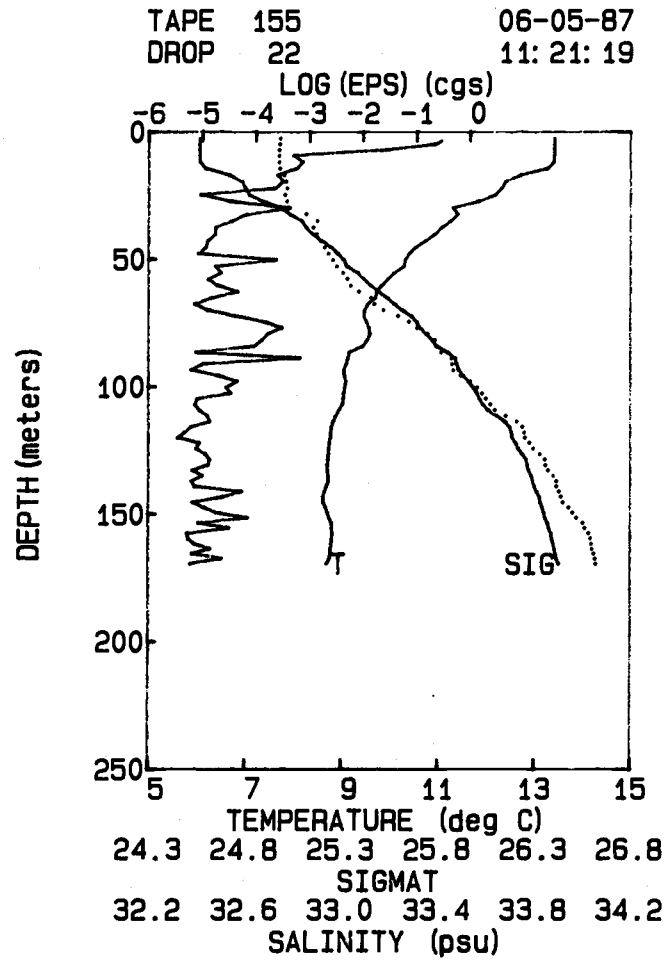
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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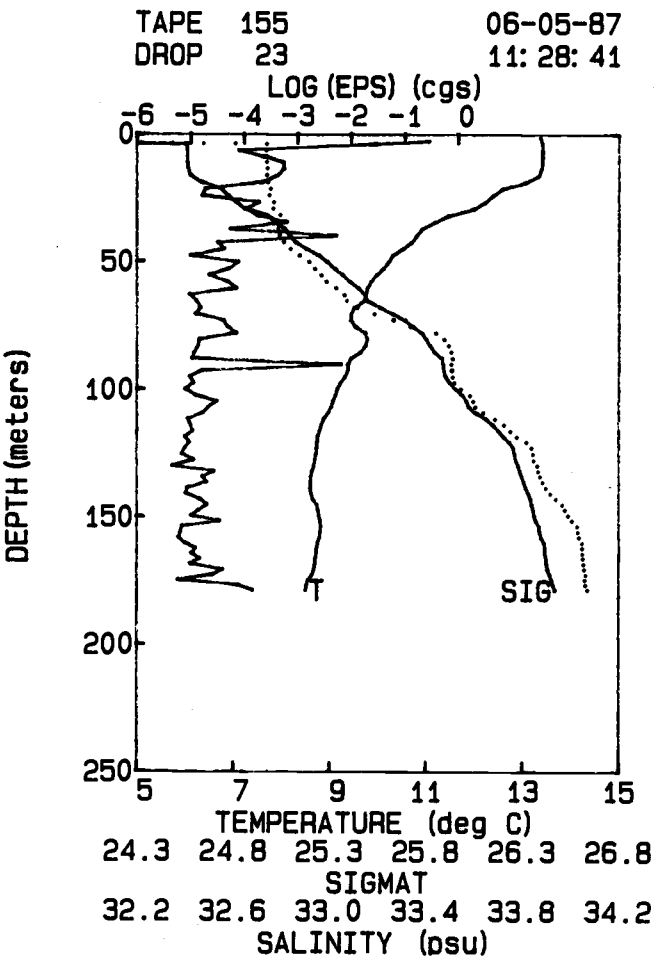
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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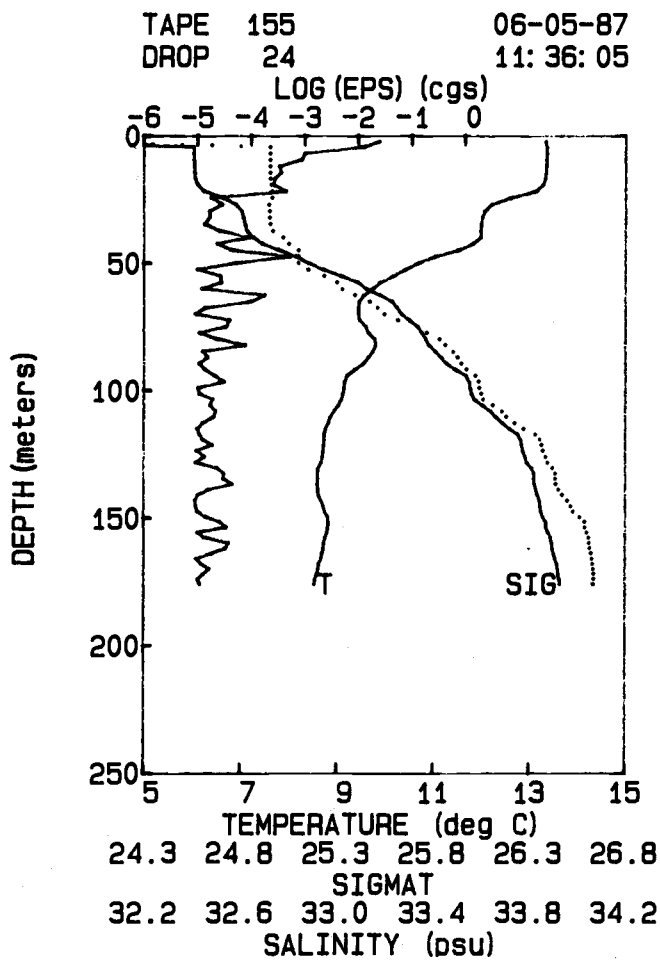
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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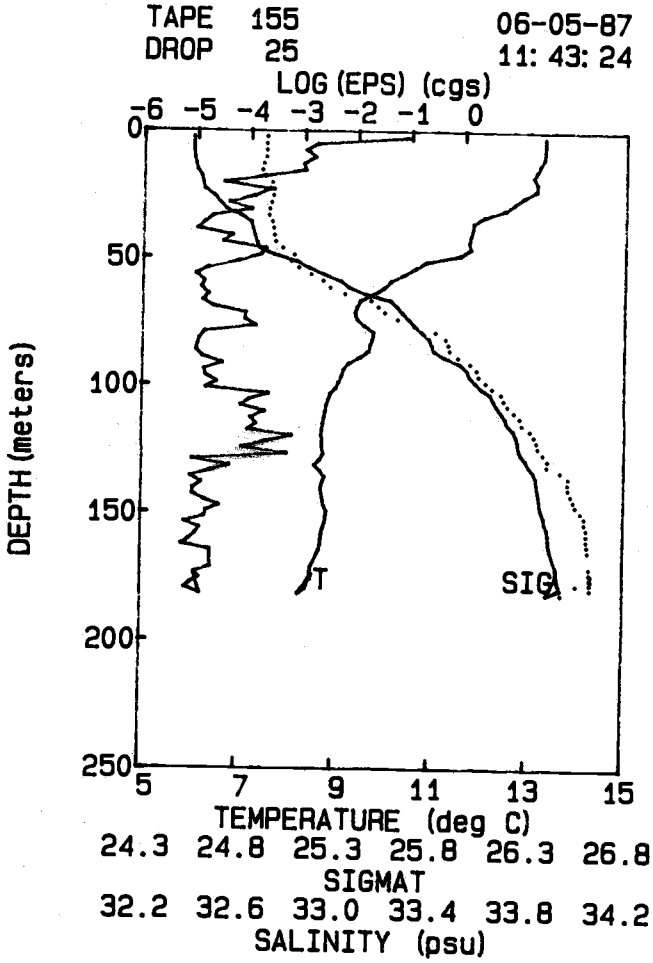
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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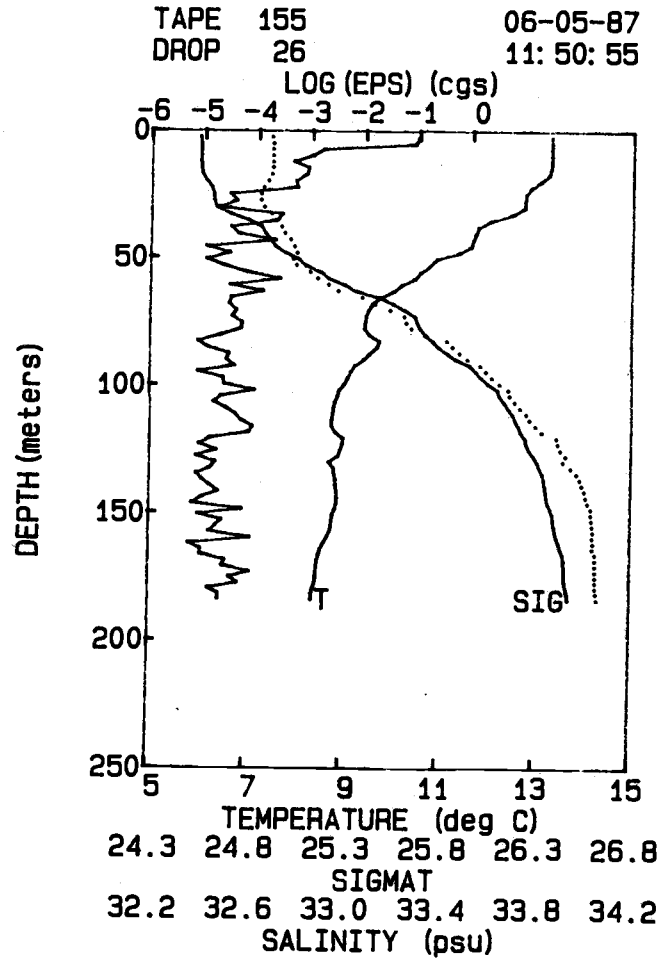
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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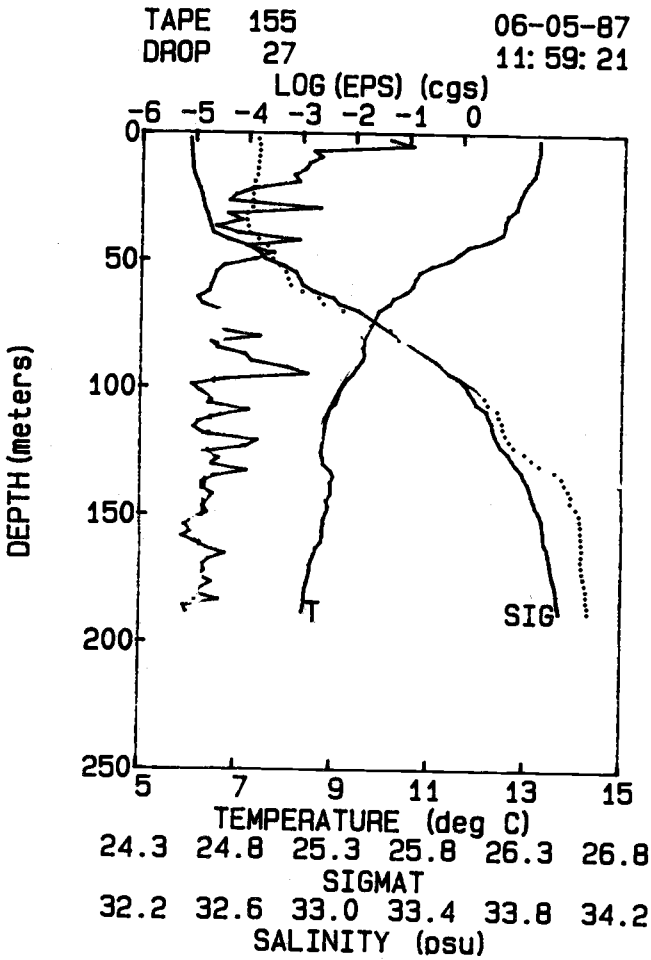
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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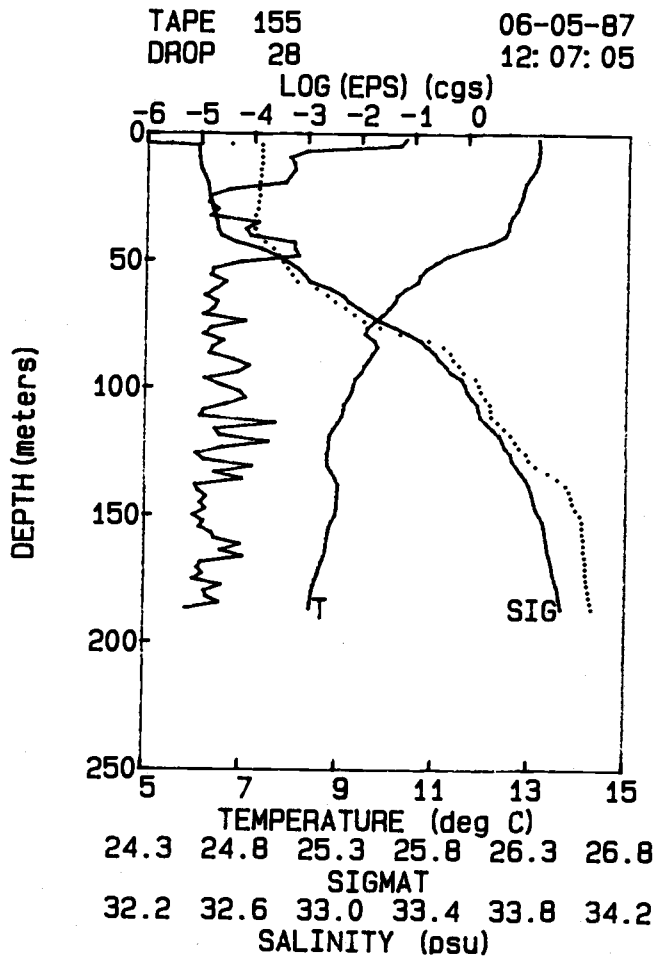
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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12: 07: 05
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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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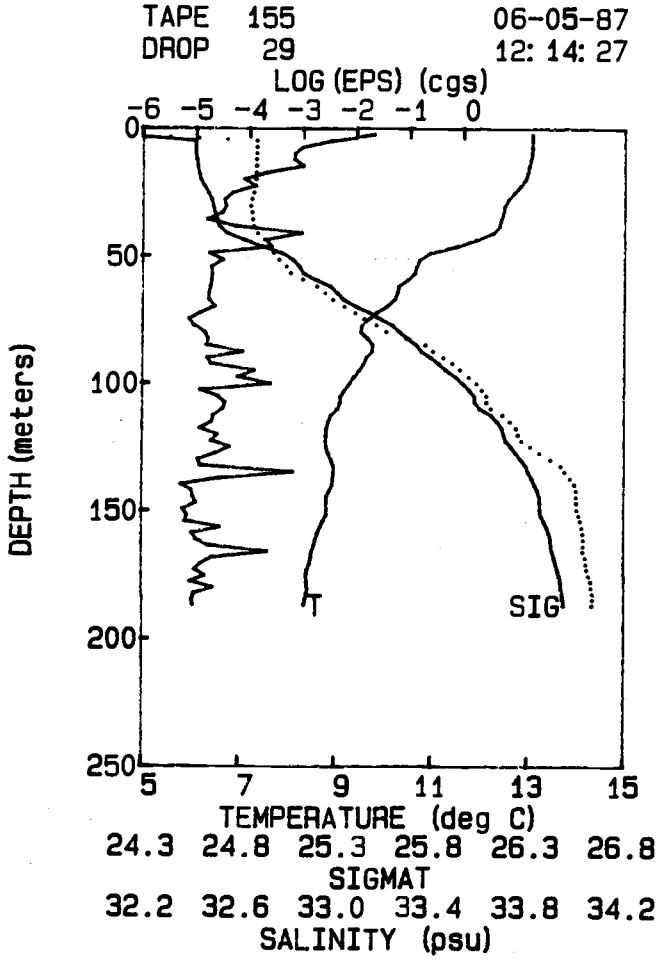
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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12: 14: 27
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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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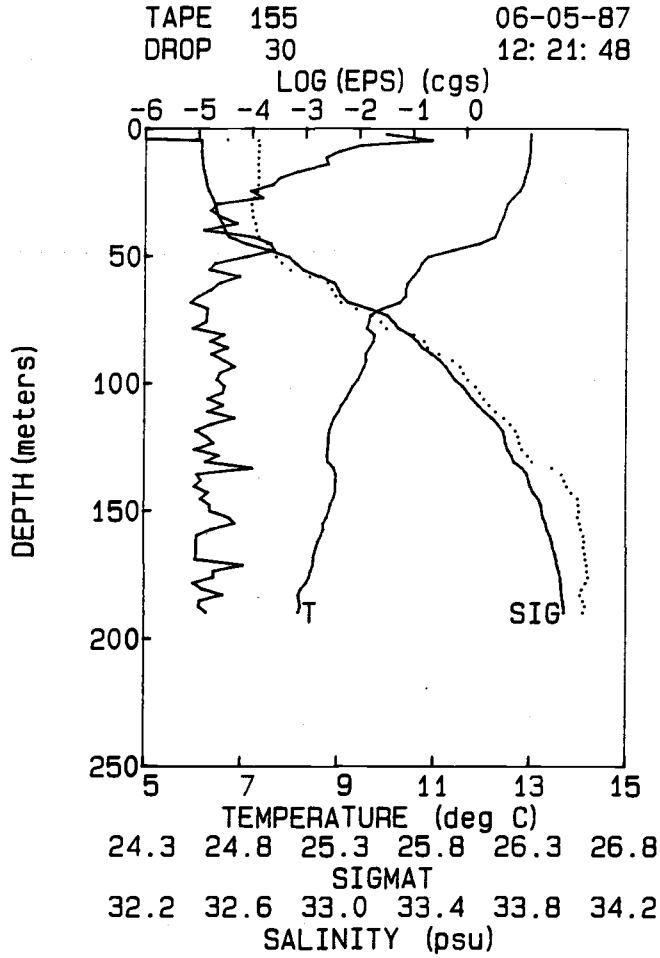
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
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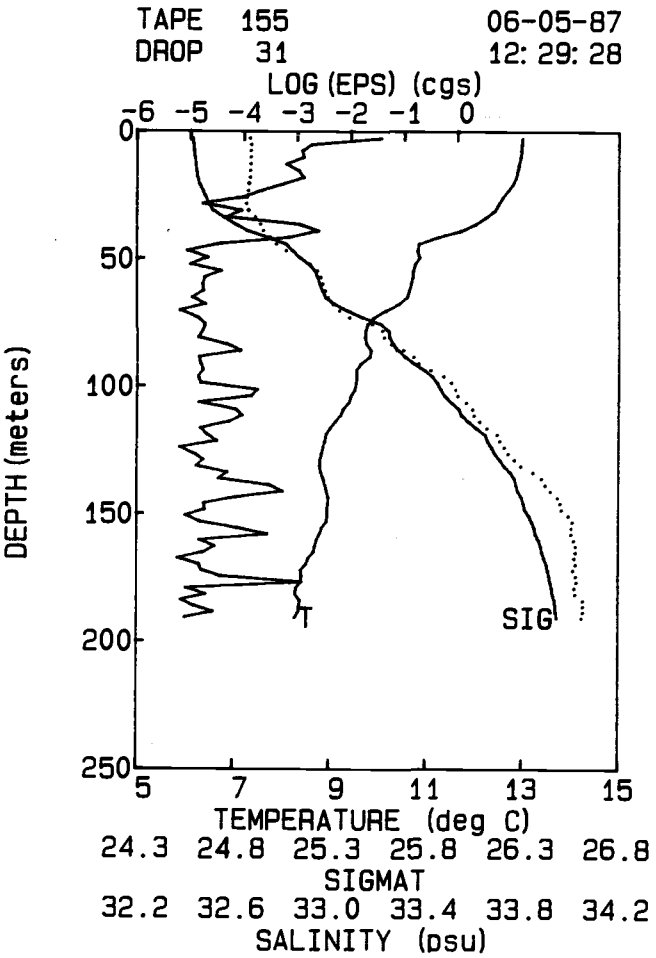
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 31
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12: 29: 28
LOG (EPS) (cgs)
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DEPTH (meters)
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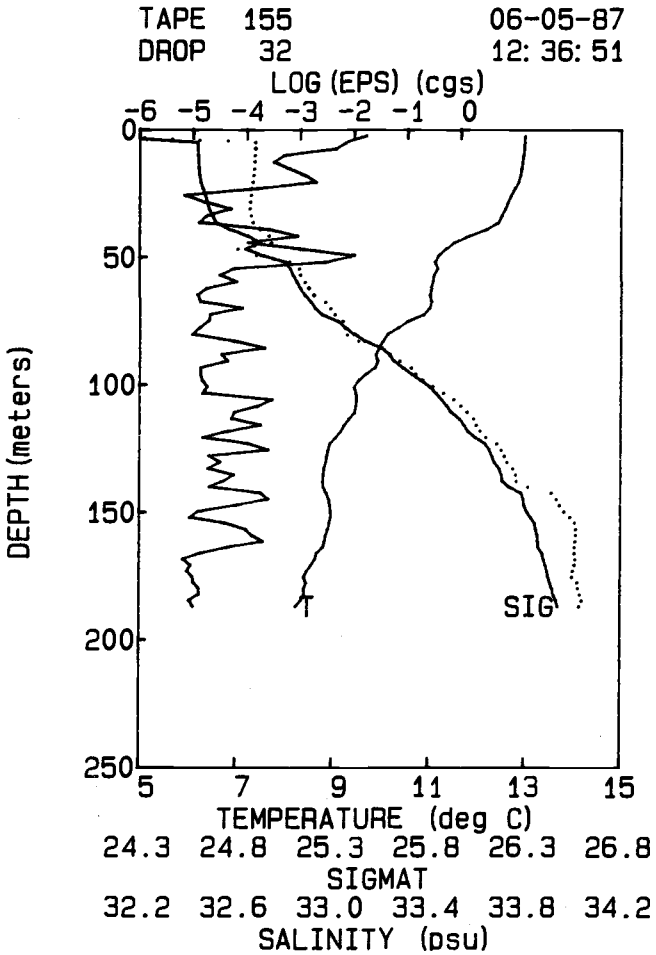
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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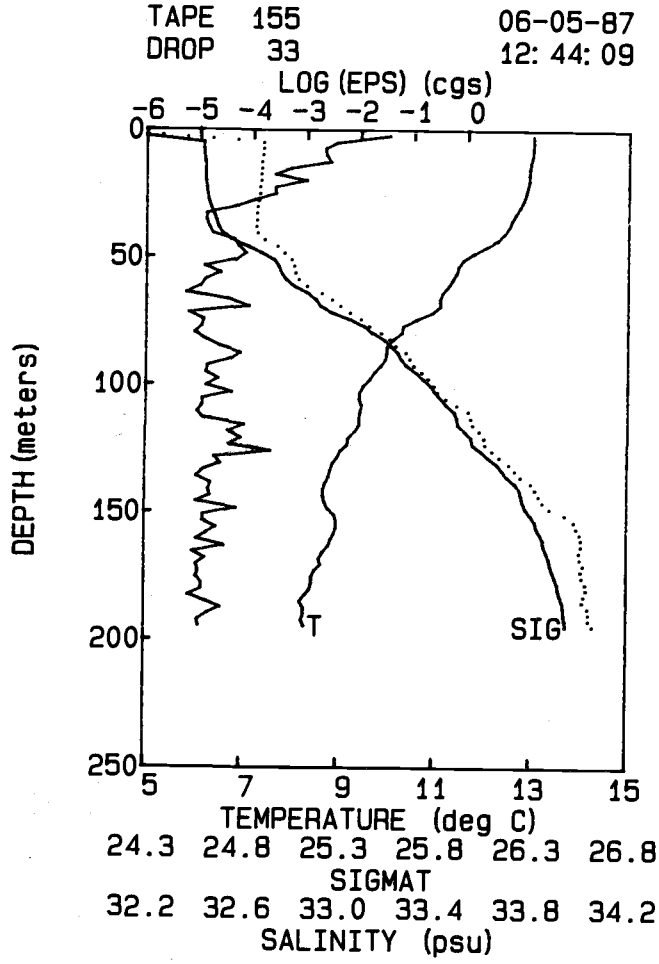
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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12: 44: 09
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DEPTH (meters)
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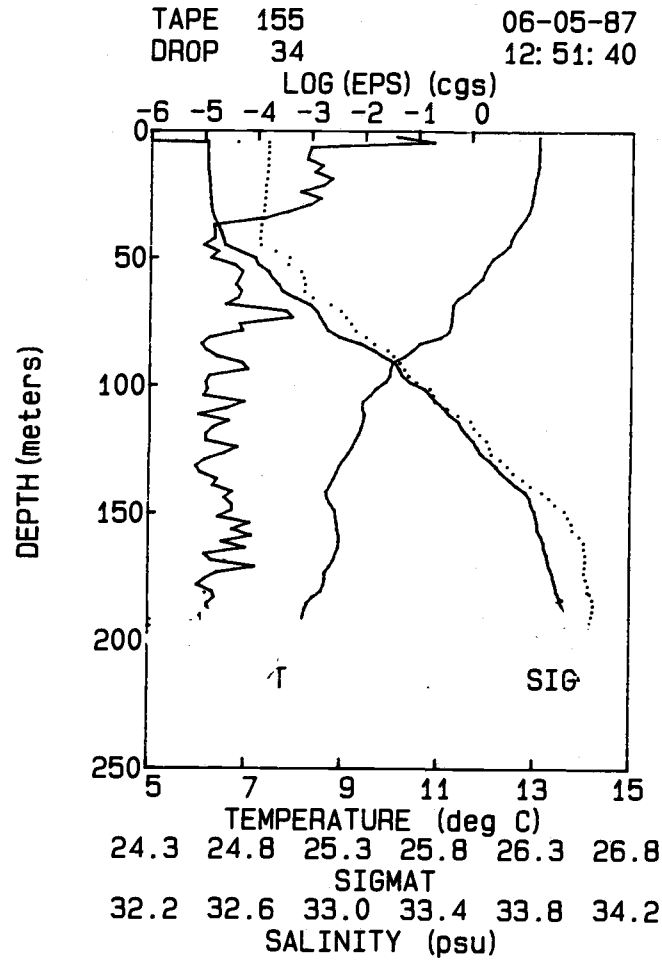
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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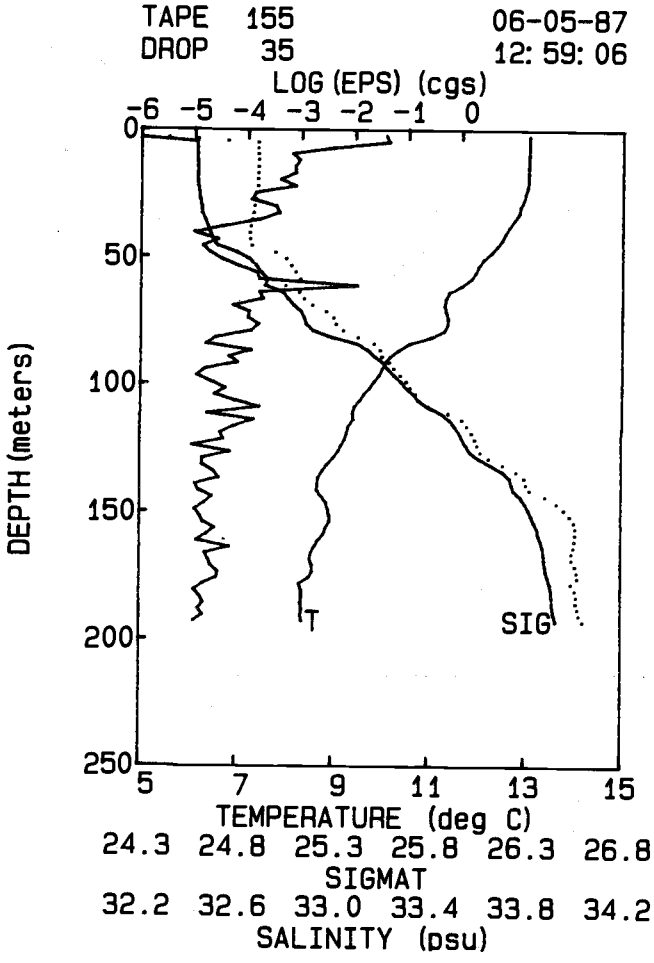
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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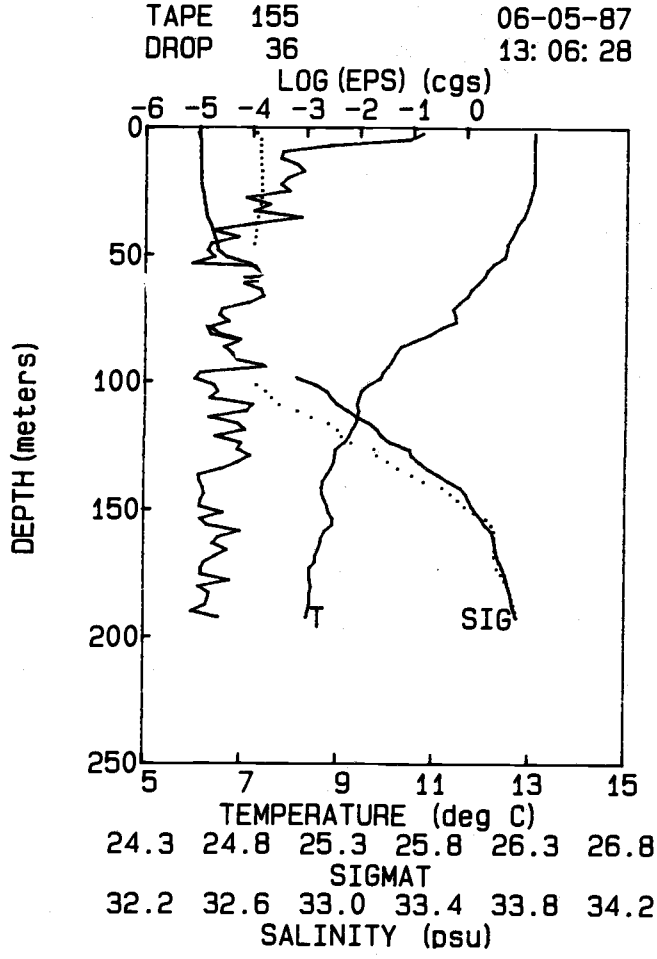
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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13: 06: 28
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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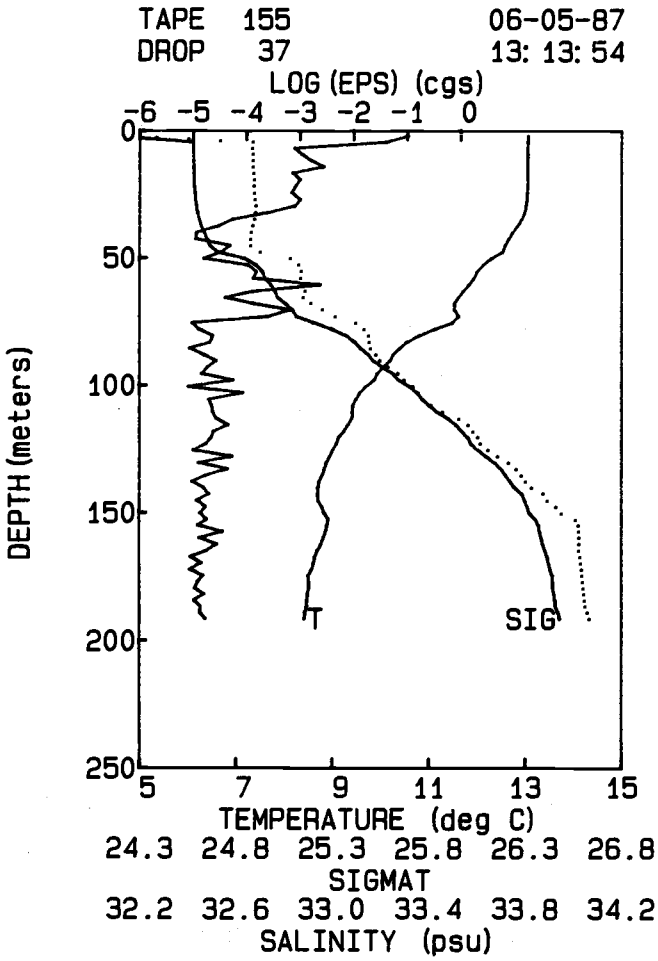
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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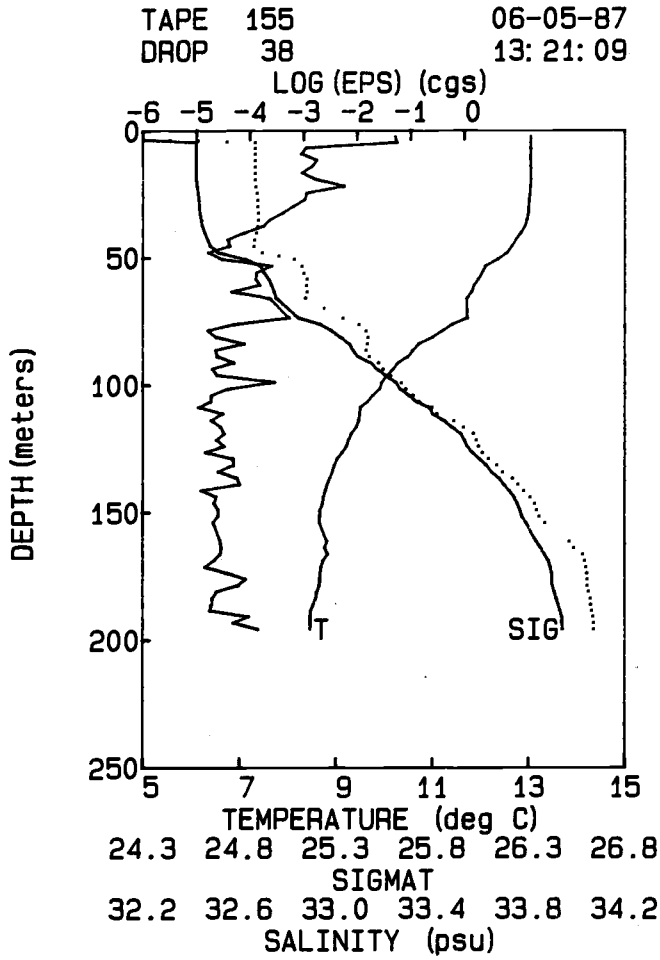
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 38
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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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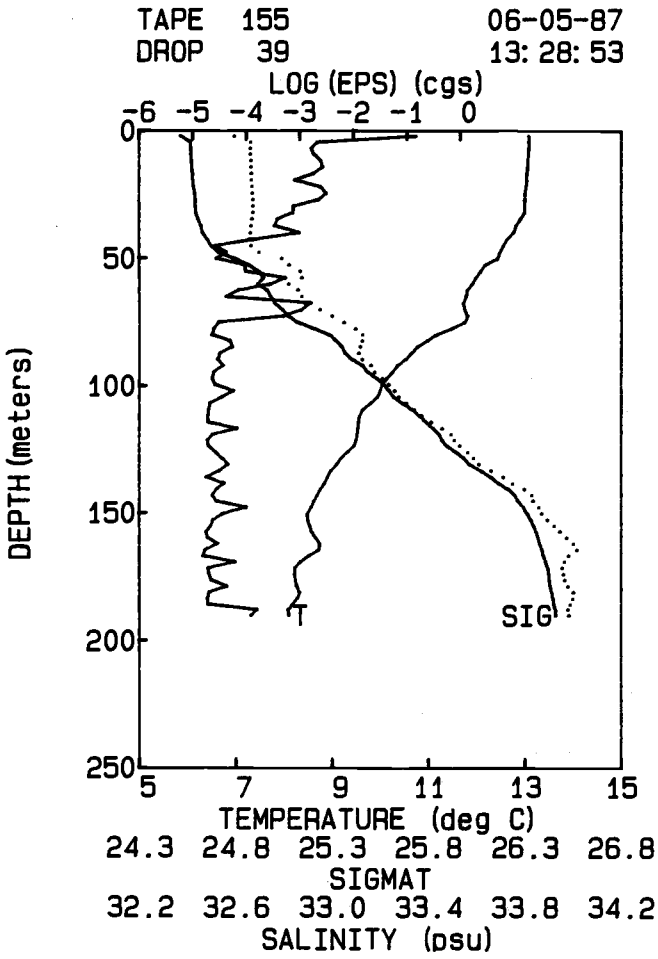
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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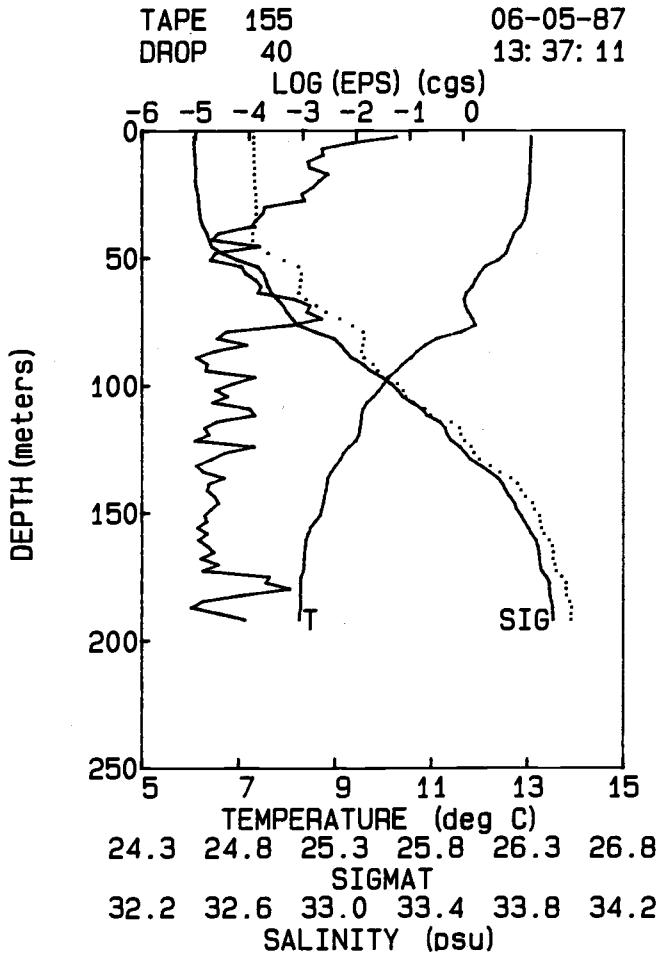
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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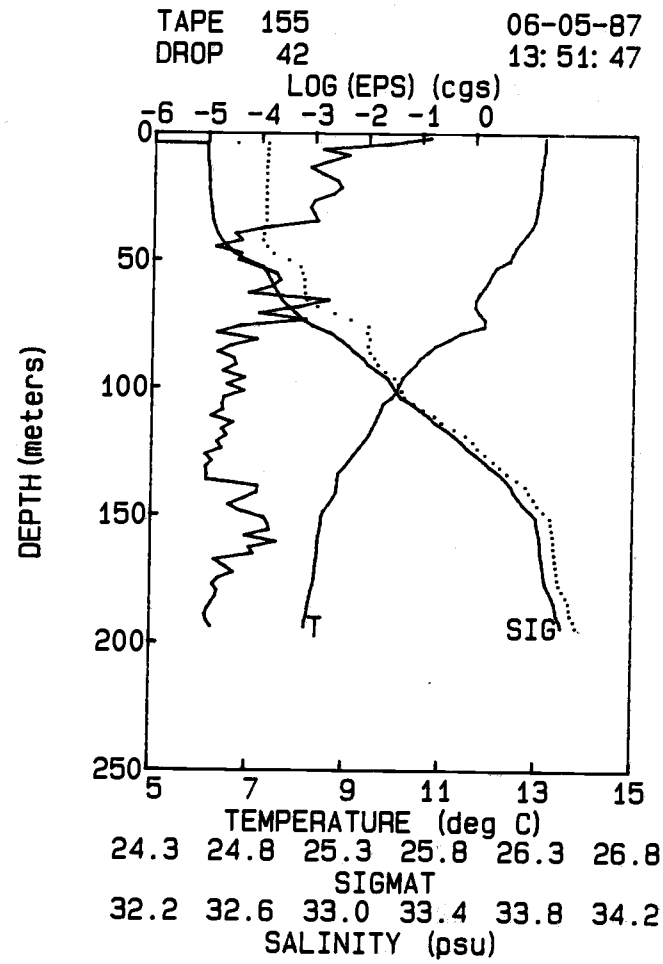
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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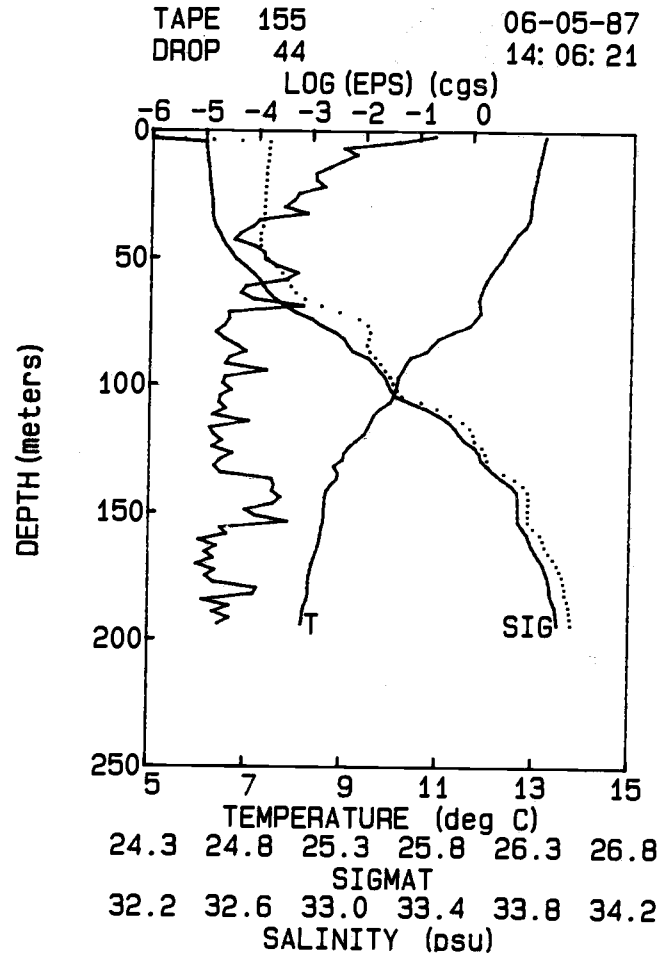
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 44
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DEPTH (meters)
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200
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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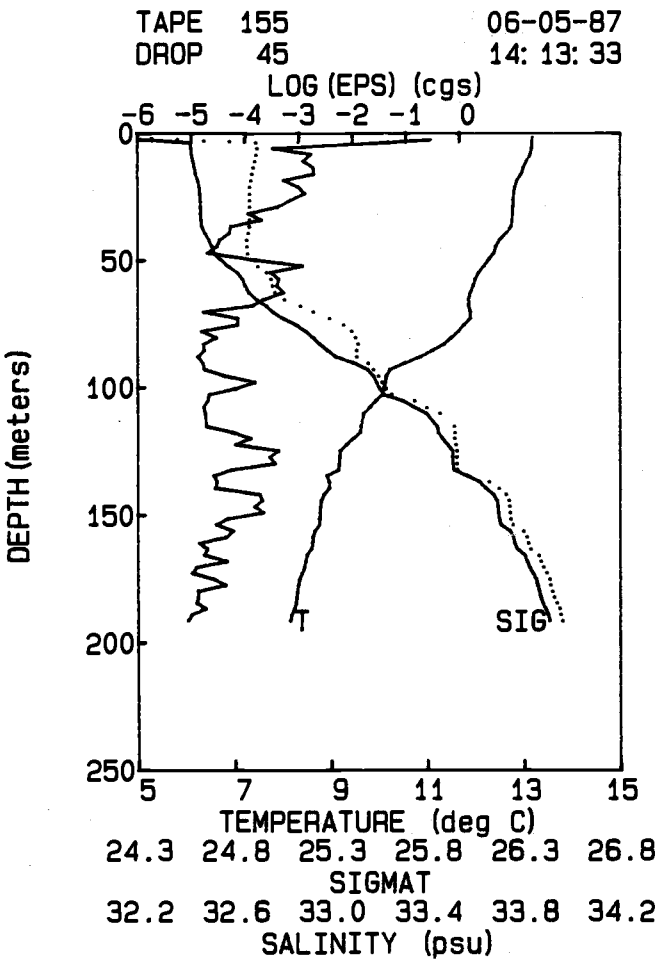
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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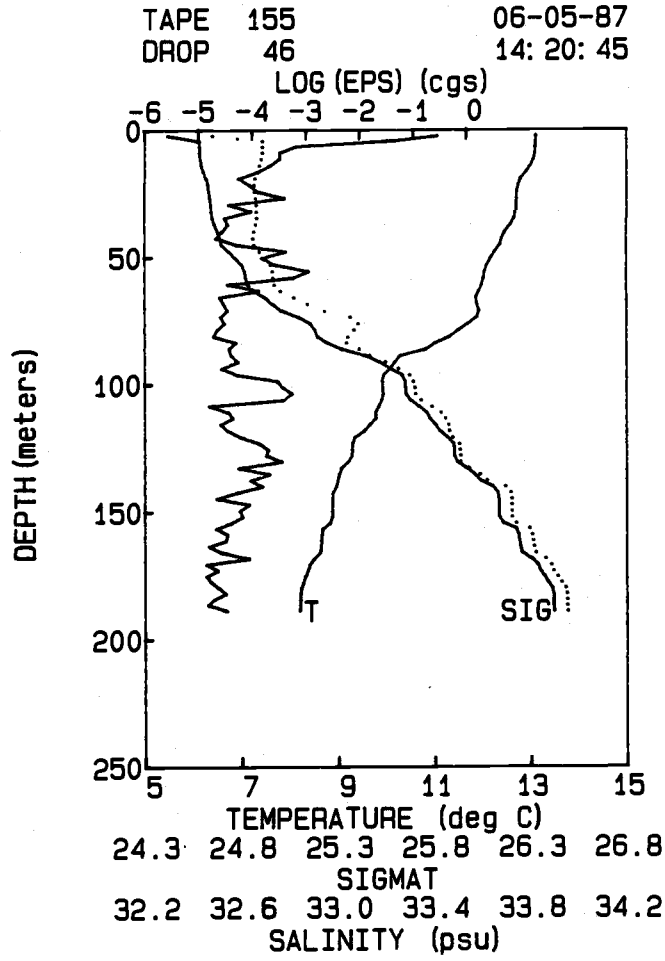
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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06-05-87
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DEPTH (meters)
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200
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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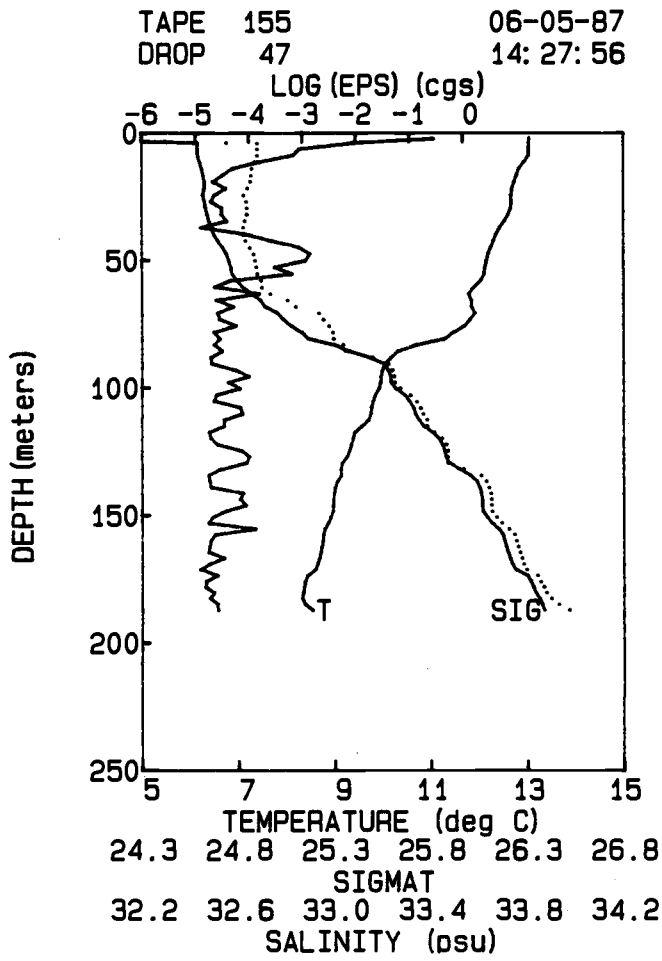
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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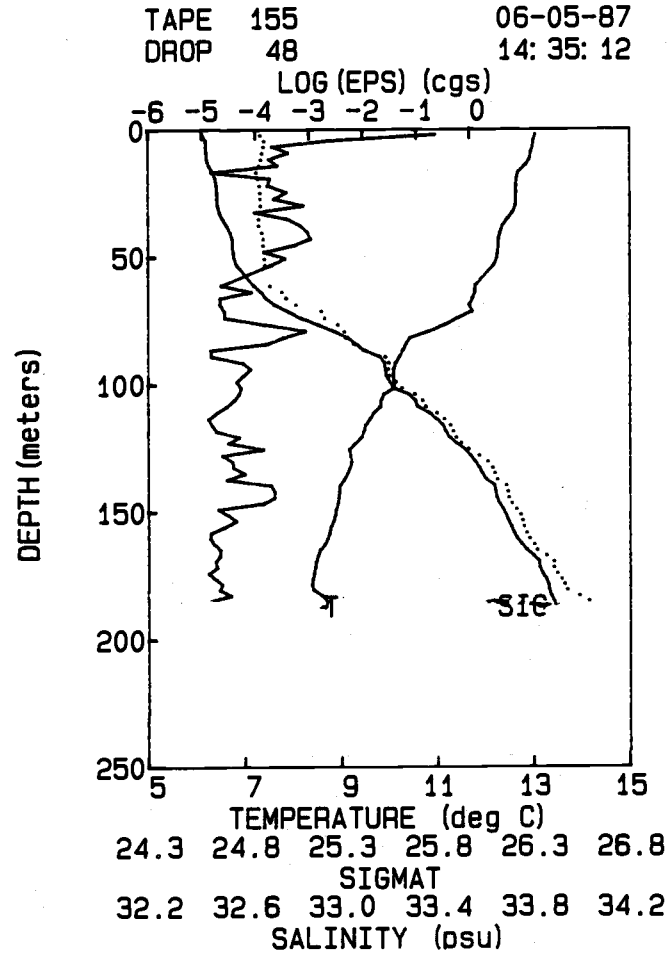
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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200
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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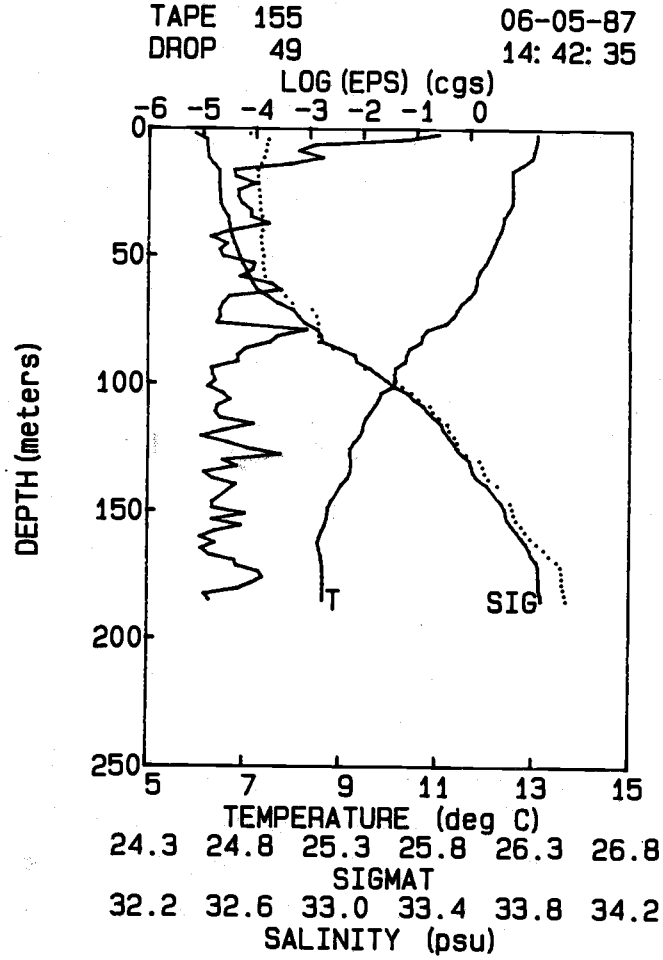
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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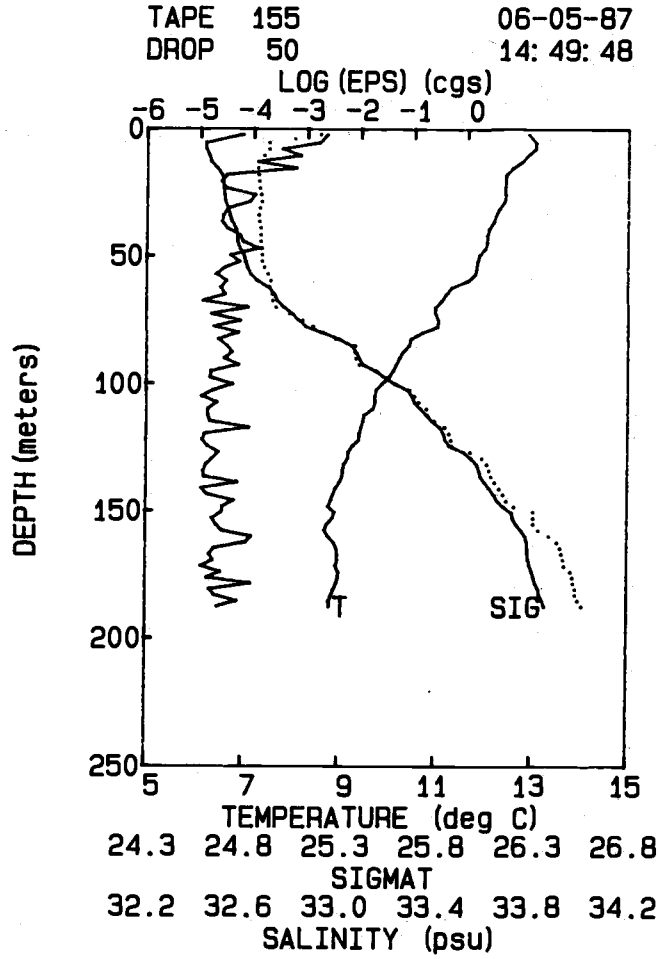
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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50
100
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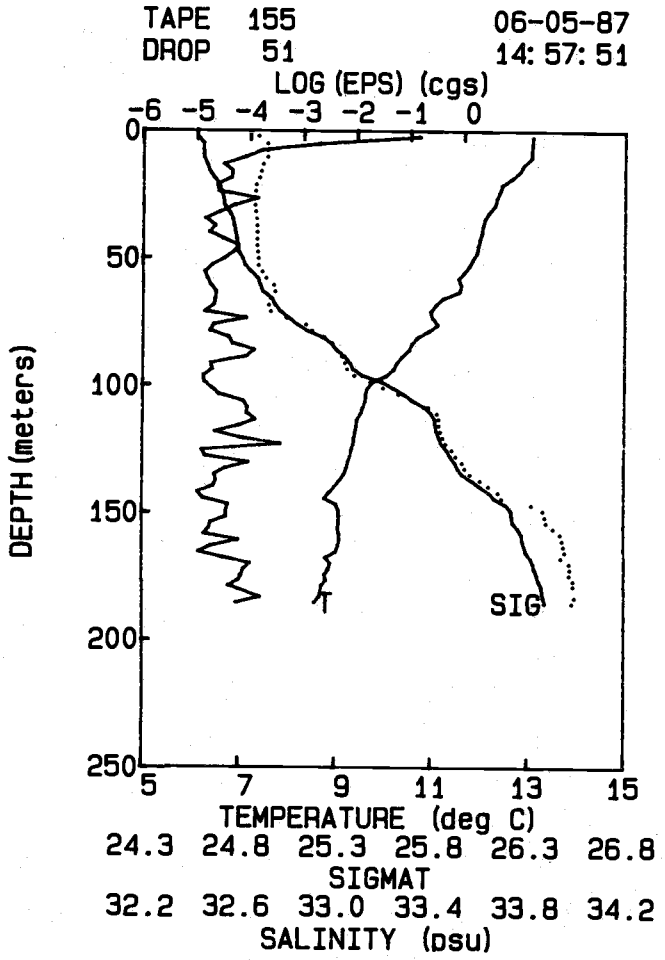
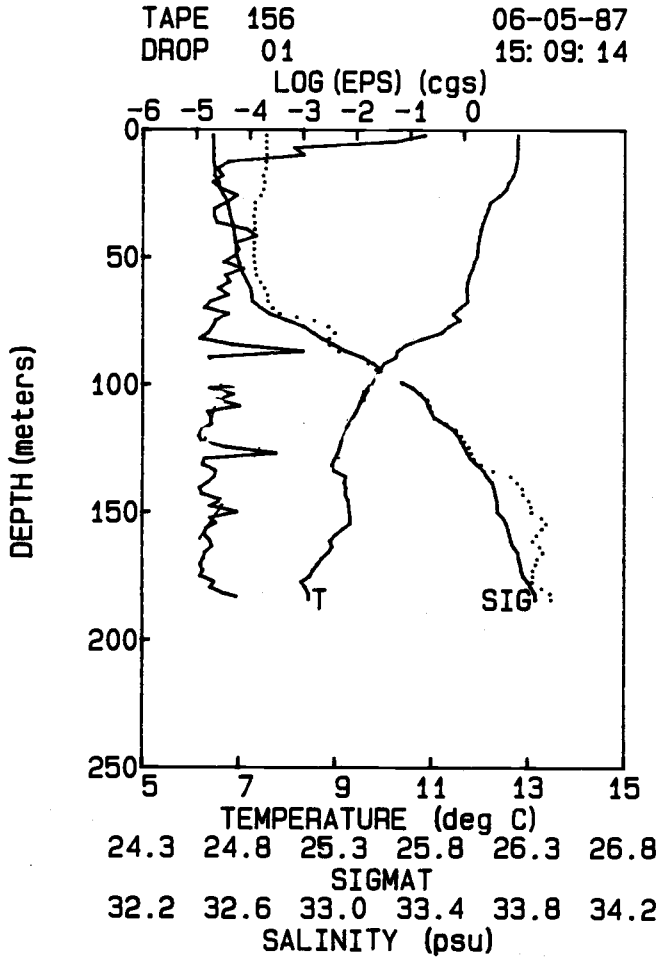
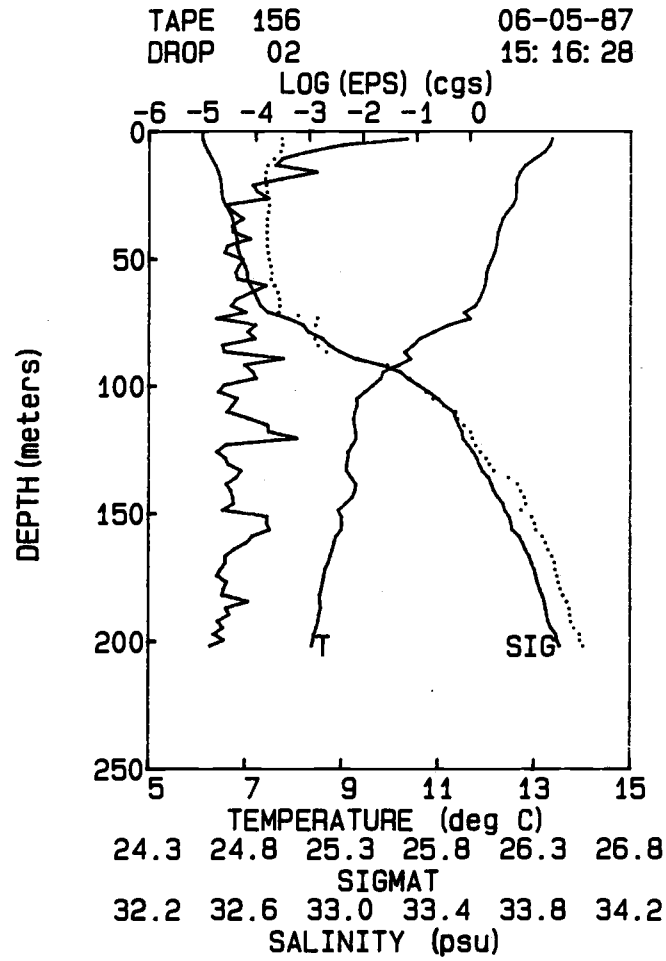
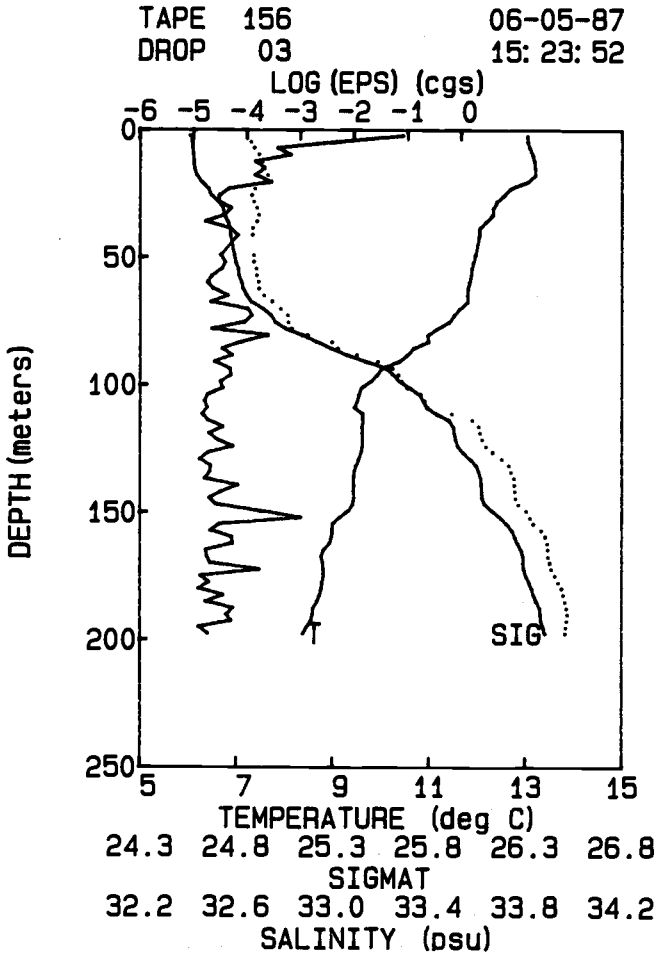
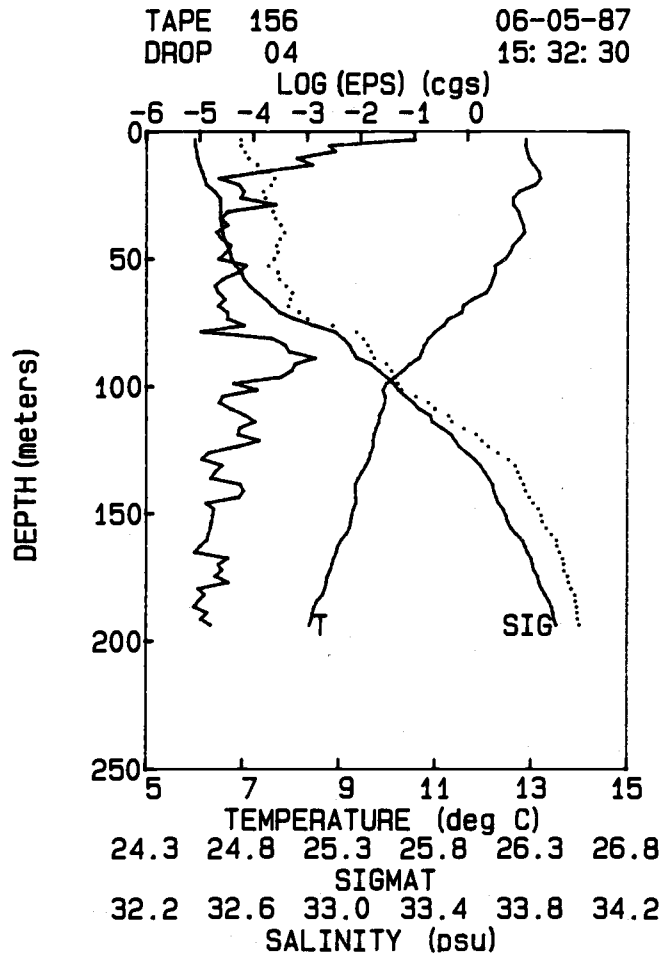
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

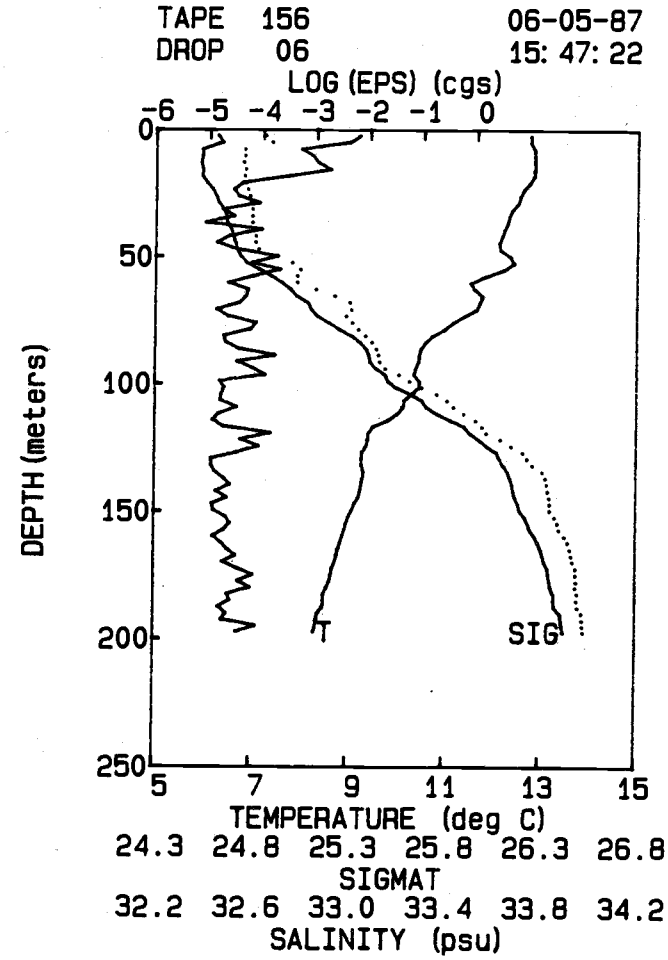

TAPE 155
DROP 51
06-05-87
14: 57: 51
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

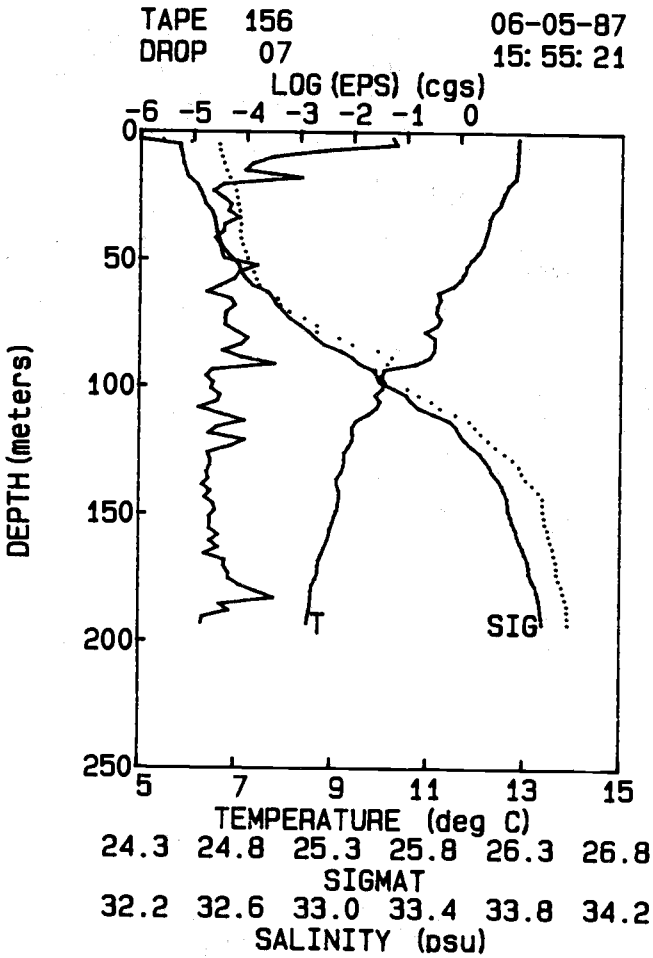

TAPE 156
DROP 01
06-05-87
15: 09: 14
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

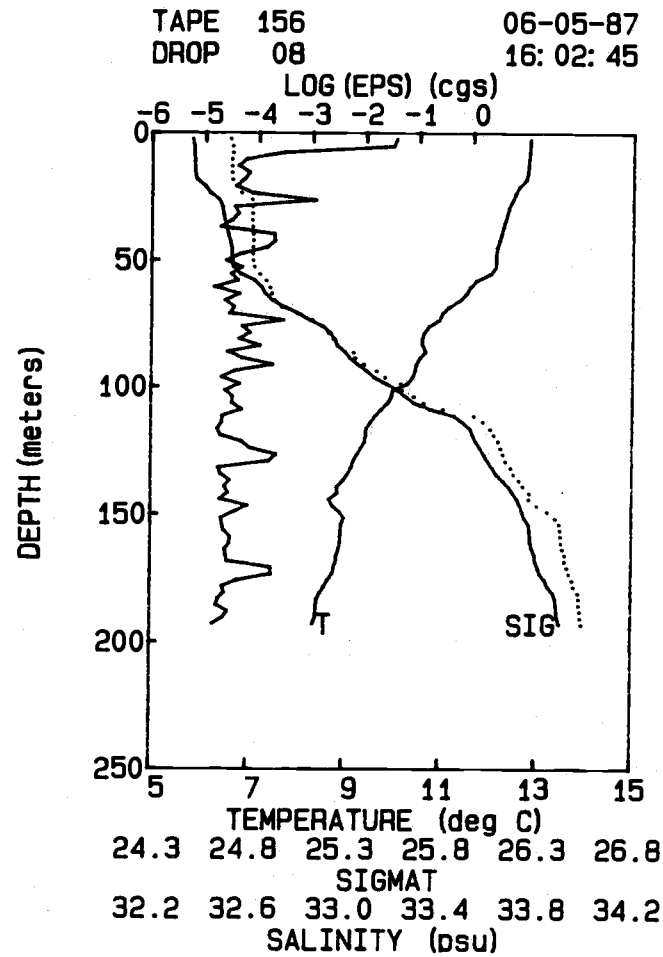

TAPE 156
DROP 02
06-05-87
15: 16: 28
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

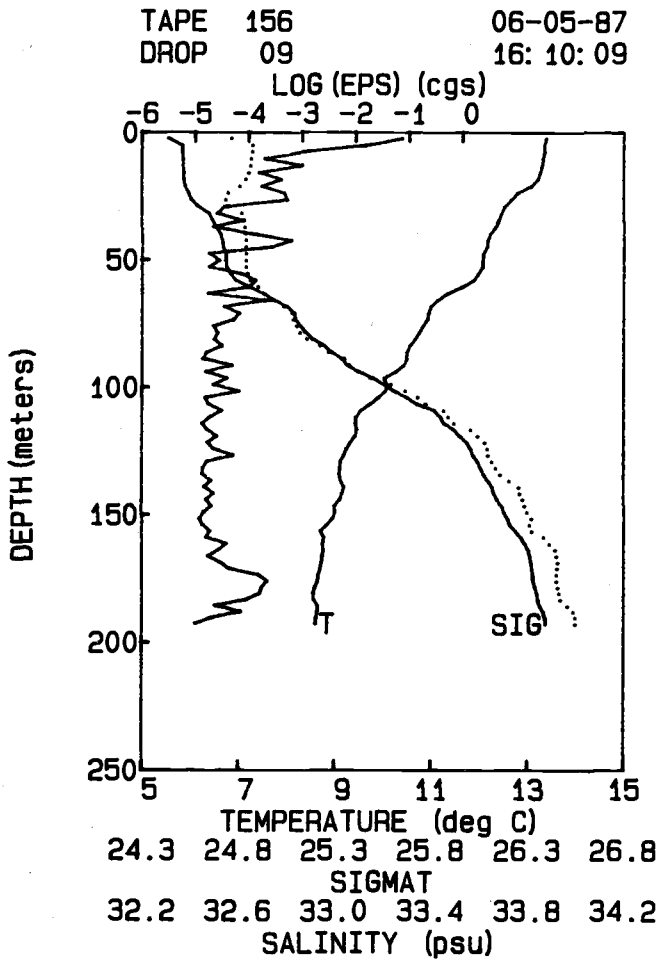

TAPE 156
DROP 03
06-05-87
15: 23: 52
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

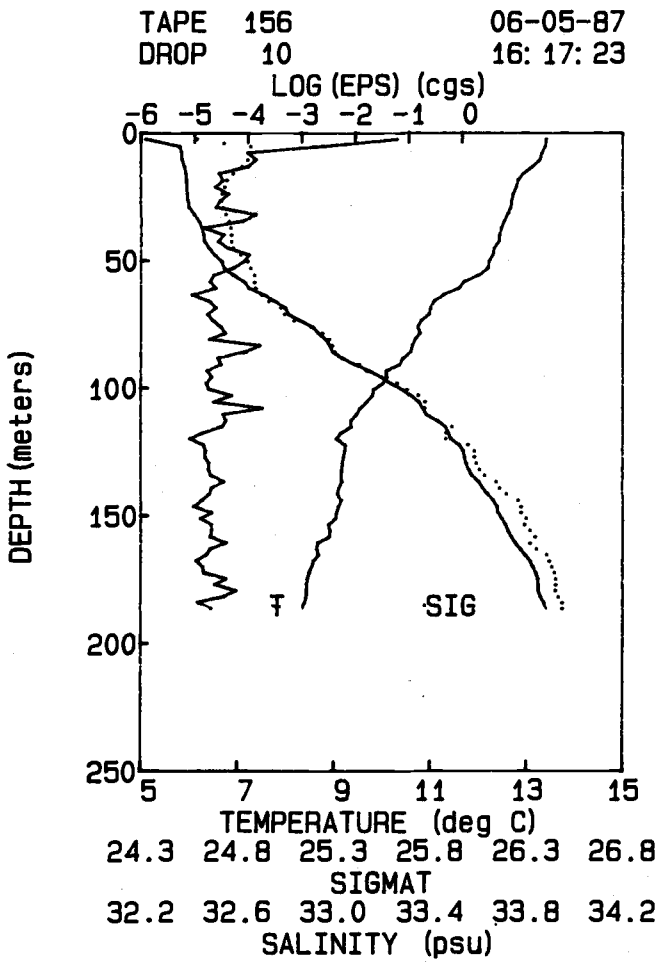

TAPE 156
DROP 04
06-05-87
15: 32: 30
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

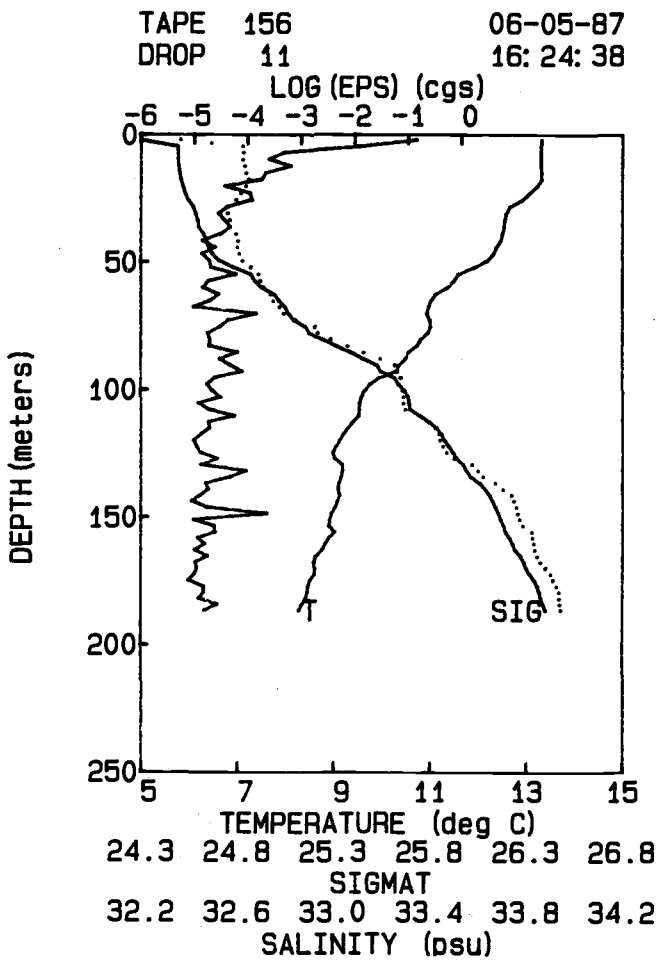

TAPE 156
DROP 06
06-05-87
15: 47: 22
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

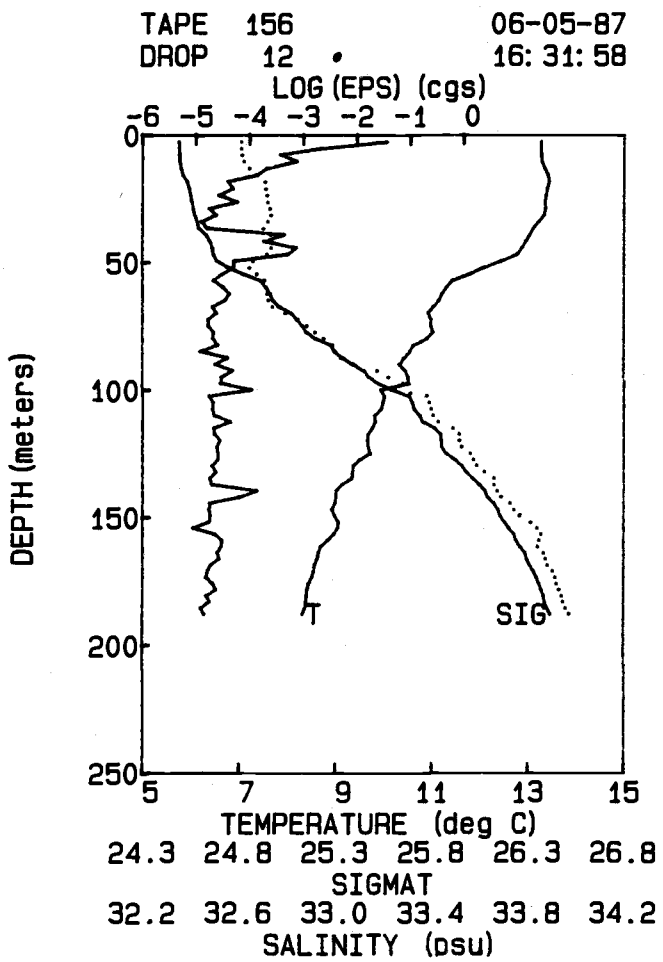

TAPE 156
DROP 07
06-05-87
15: 55: 21
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

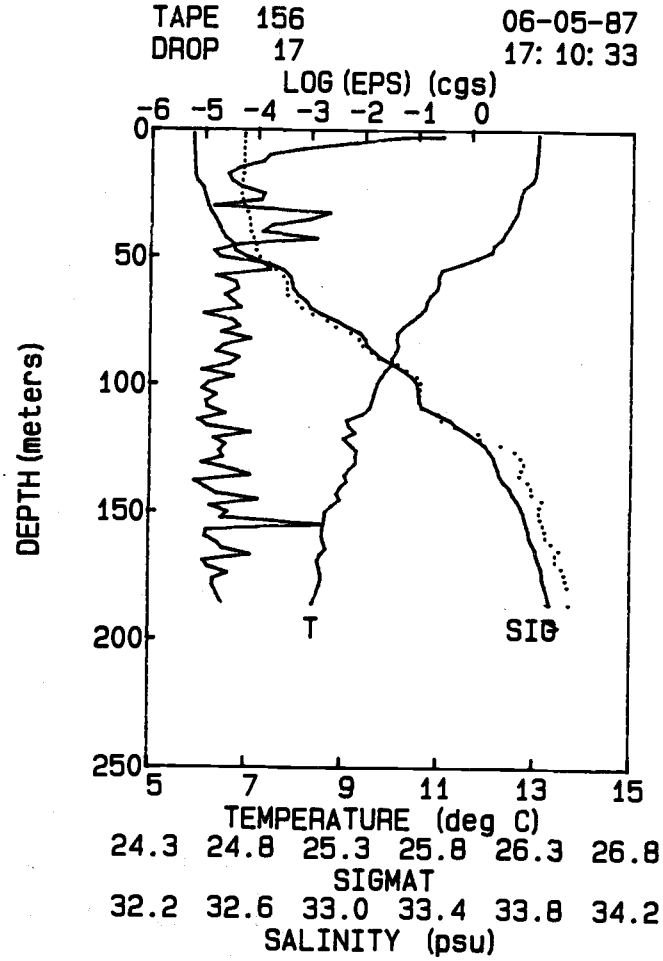

TAPE 156
DROP 08
06-05-87
16: 02: 45
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

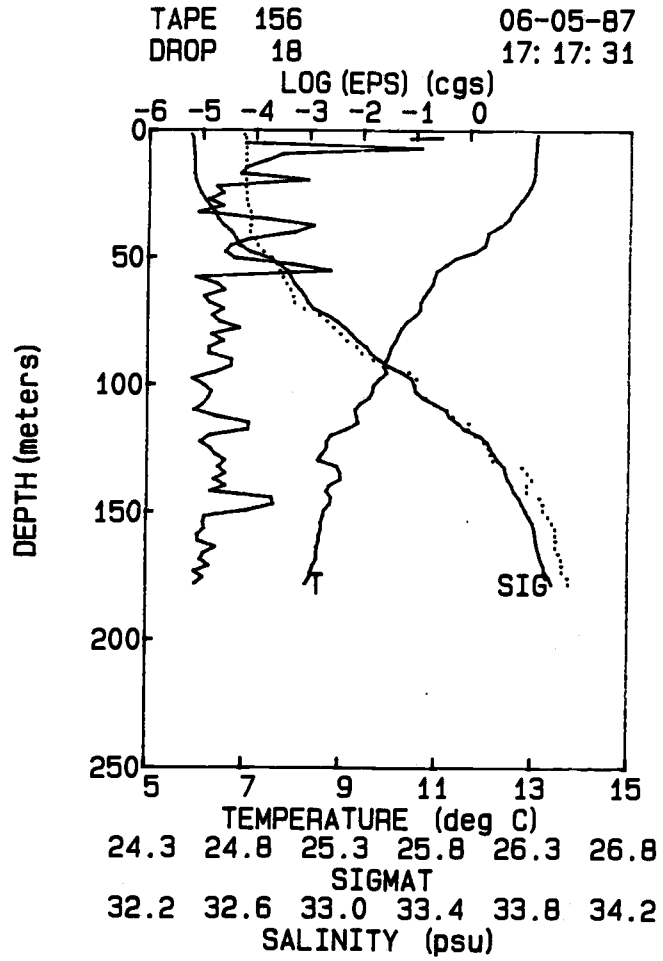

TAPE 156
DROP 09
06-05-87
16: 10: 09
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

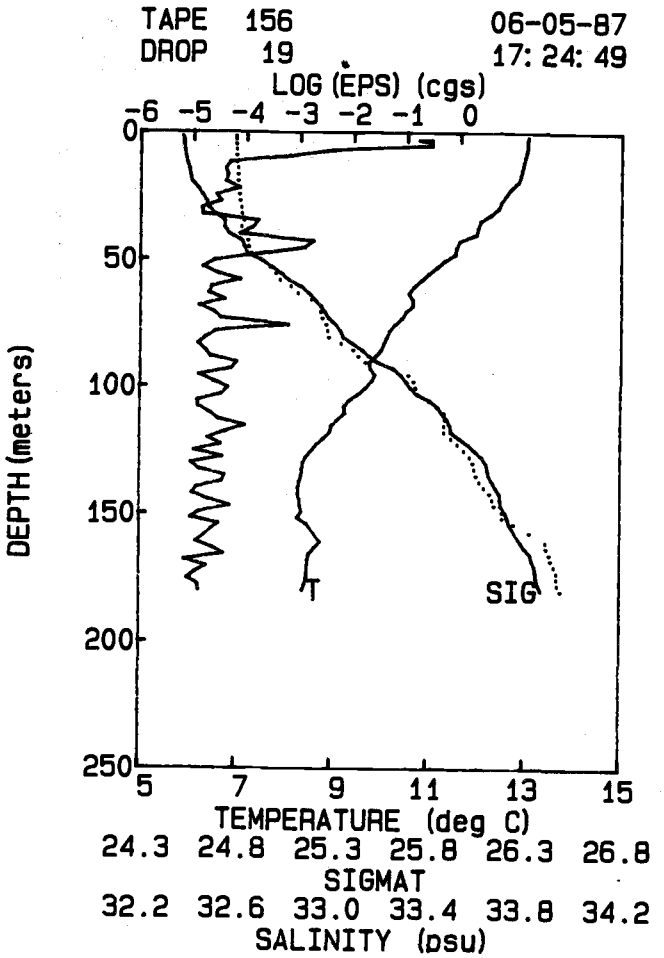

TAPE 156
DROP 10
06-05-87
16: 17: 23
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

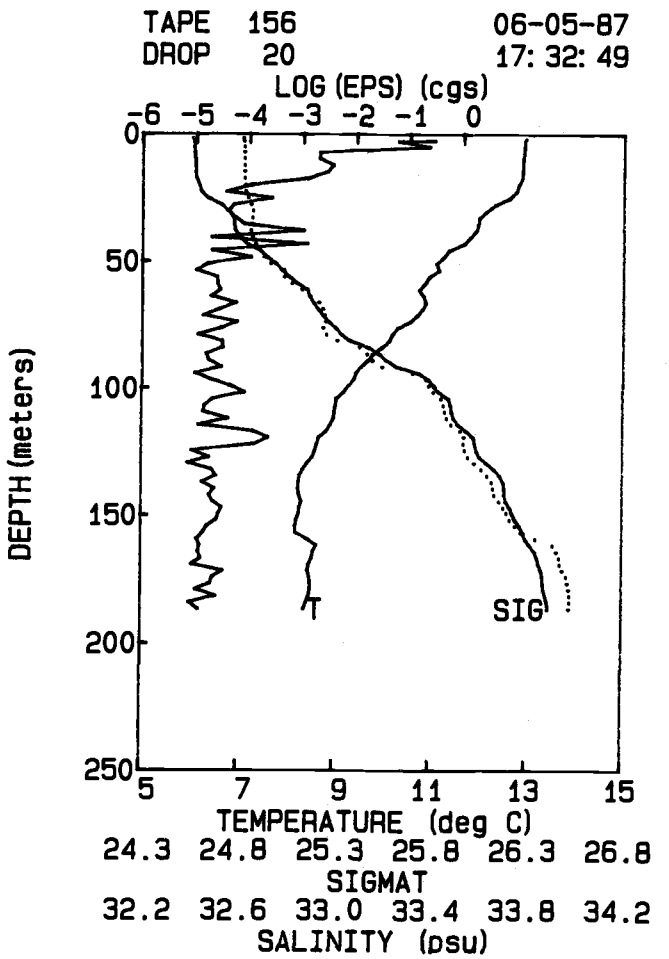

TAPE 156
DROP 11
06-05-87
16: 24: 38
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 12
06-05-87
16: 31: 58
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 17
06-05-87
17: 10: 33
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 18
06-05-87
17: 17: 31
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 19
06-05-87
17: 24: 49
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 20
06-05-87
17: 32: 49
LOG (EPS) (cgs)
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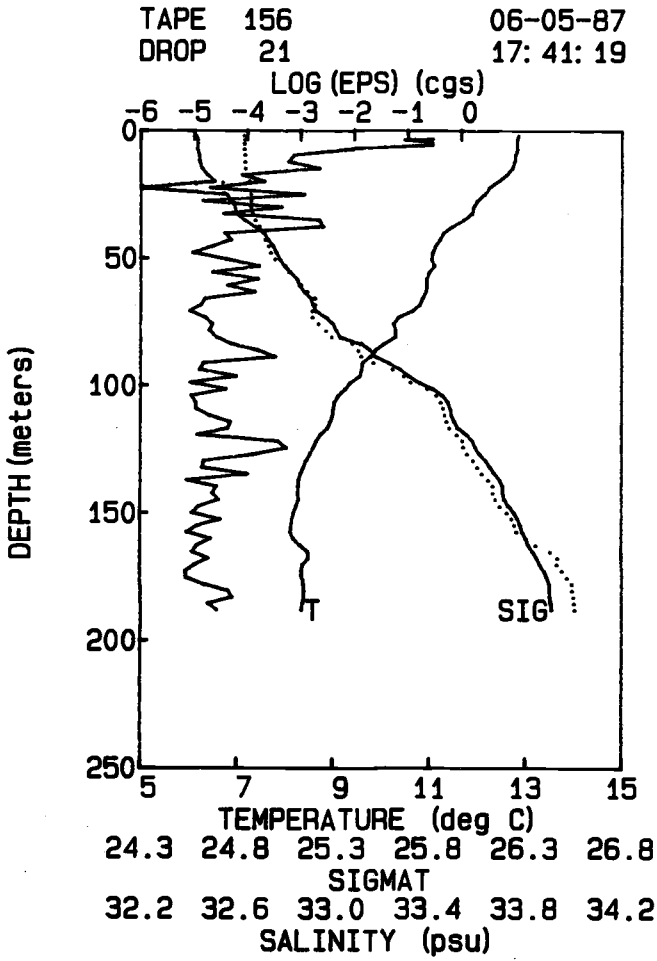
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 21
06-05-87
17: 41: 19
LOG (EPS) (cgs)
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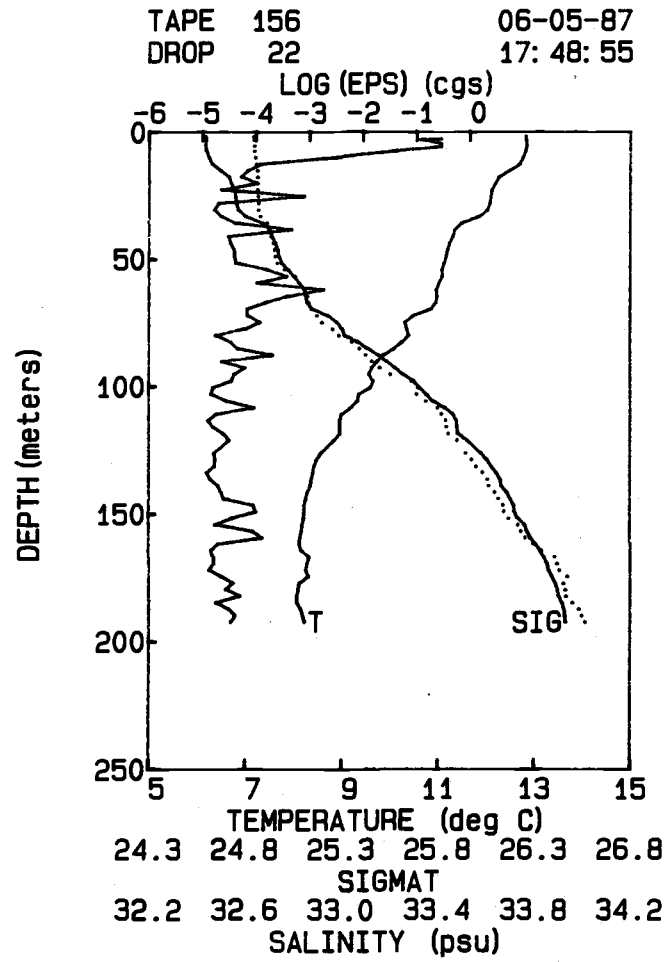
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 22
06-05-87
17: 48: 55
LOG (EPS) (cgs)
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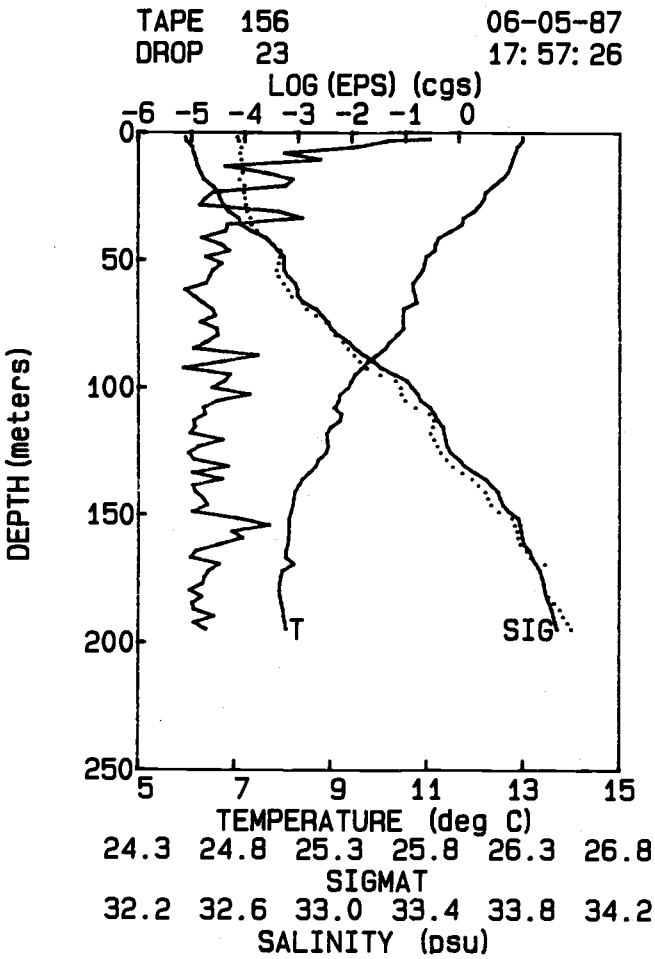
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 23
06-05-87
17: 57: 26
LOG (EPS) (cgs)
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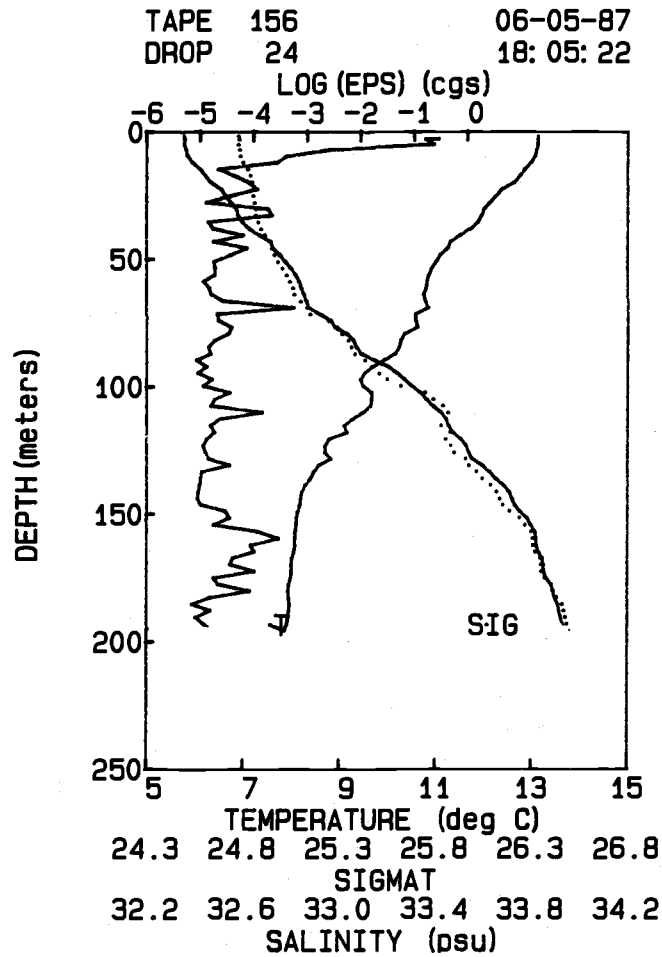
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 24
06-05-87
18: 05: 22
LOG (EPS) (cgs)
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DEPTH (meters)
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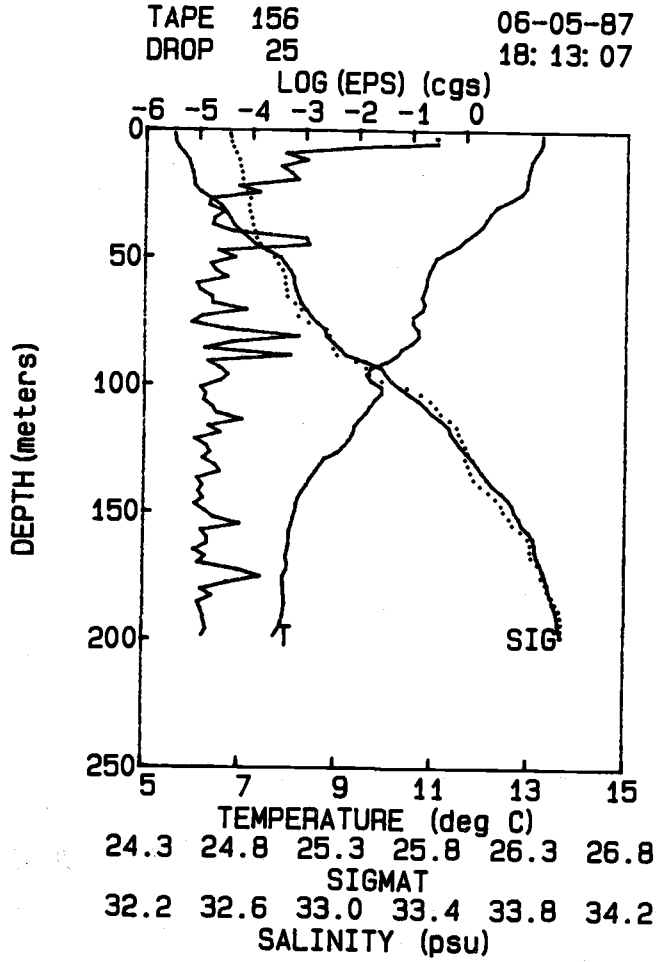
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 25
06-05-87
18: 13: 07
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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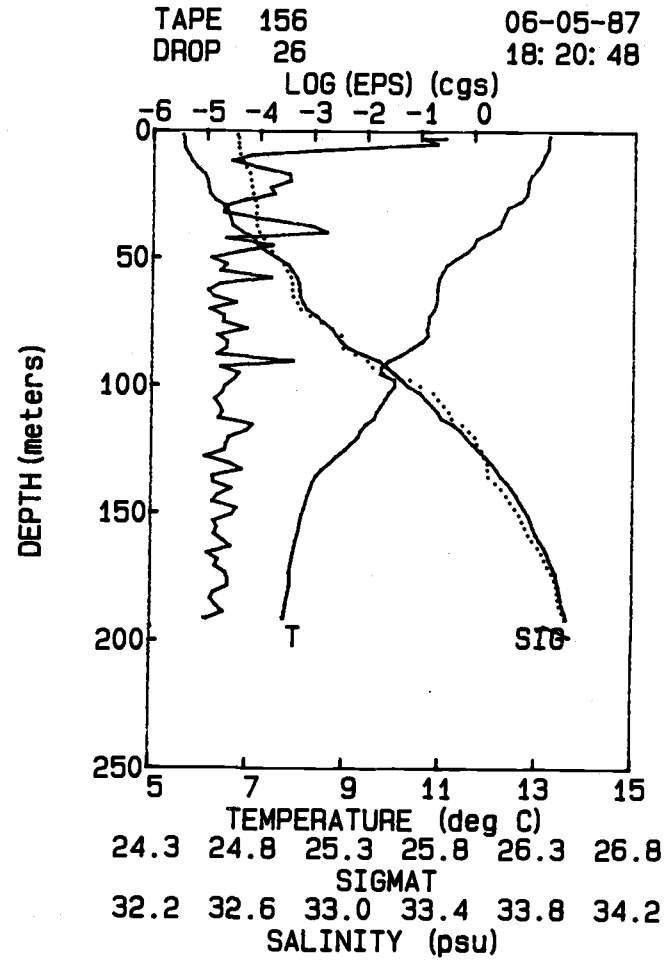
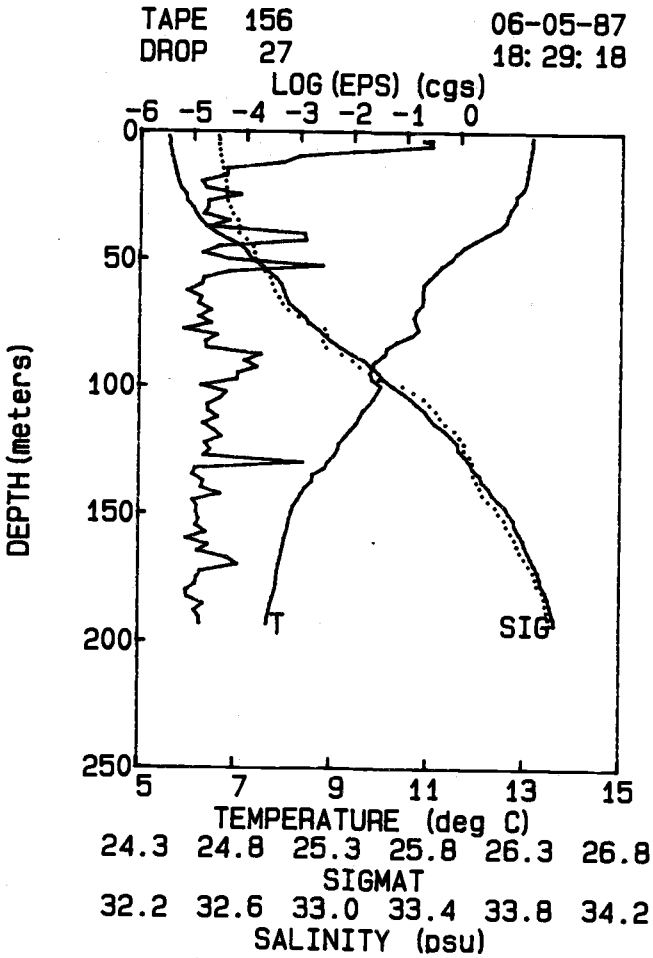
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 26
06-05-87
18: 20: 48
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 27
06-05-87
18: 29: 18
LOG (EPS) (cgs)
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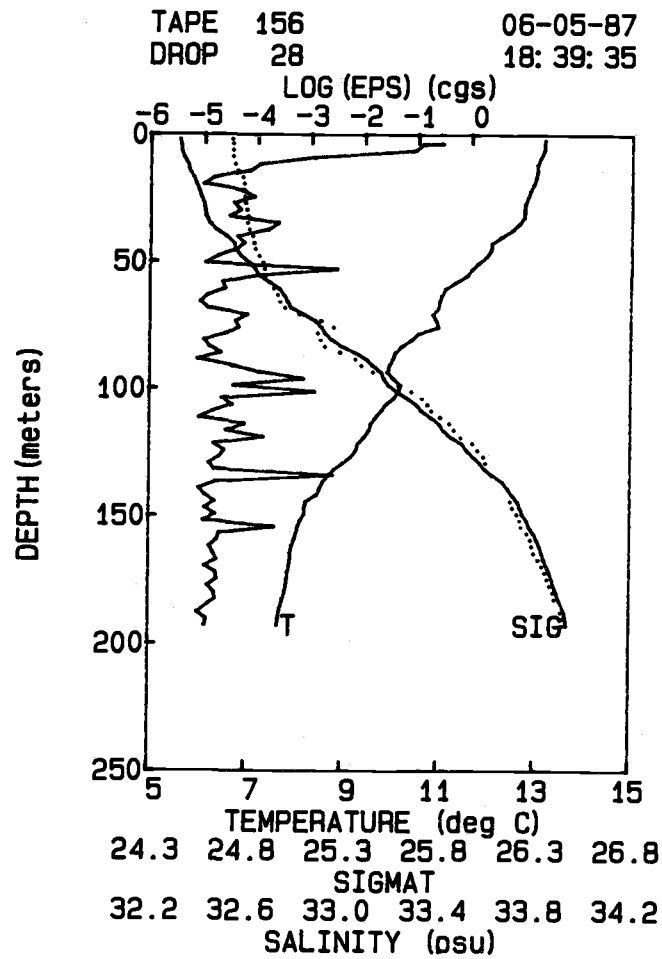
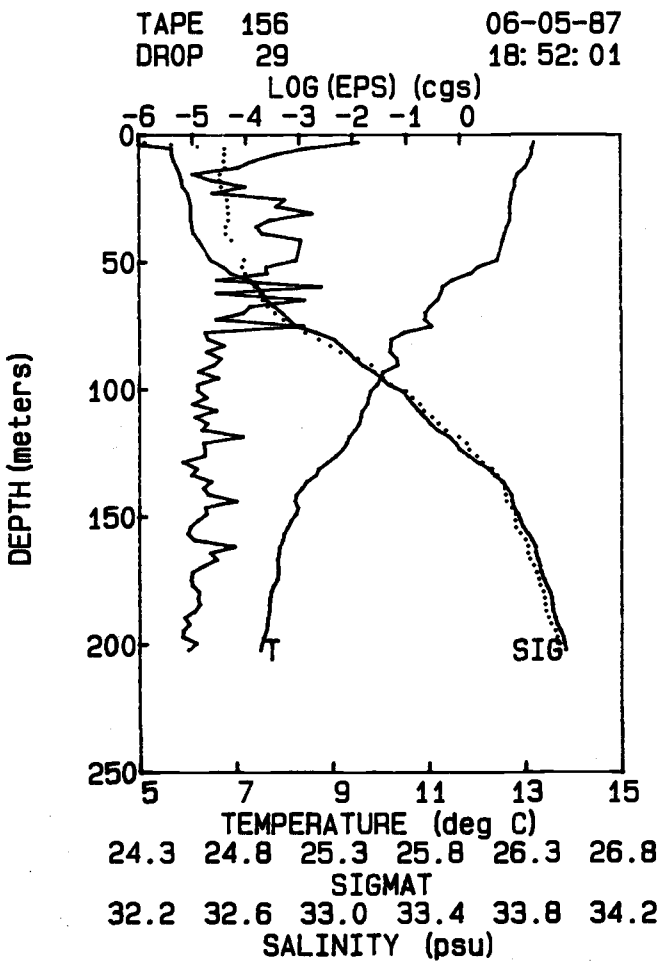
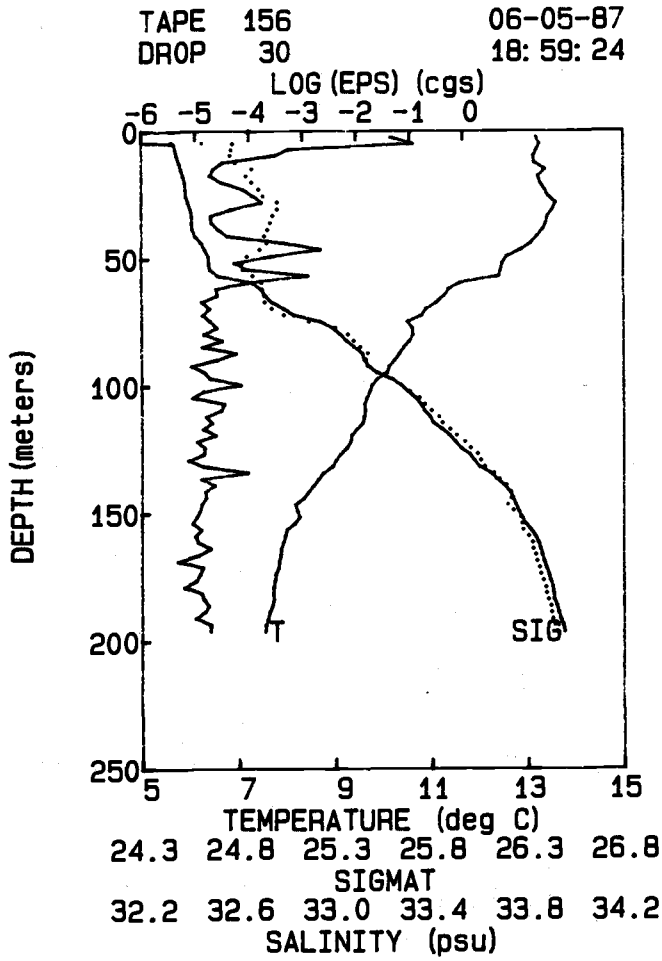
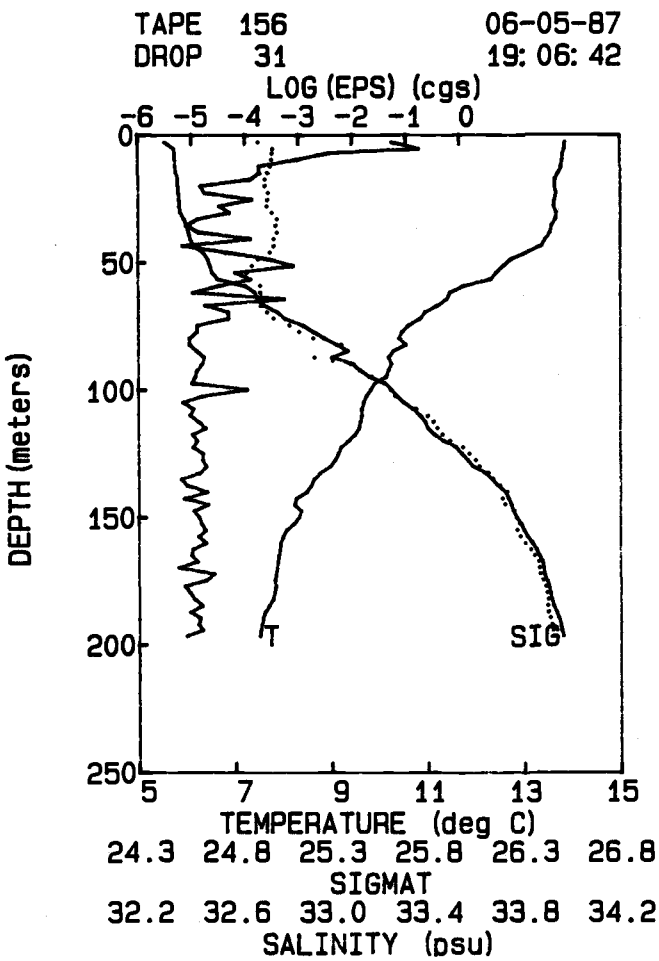
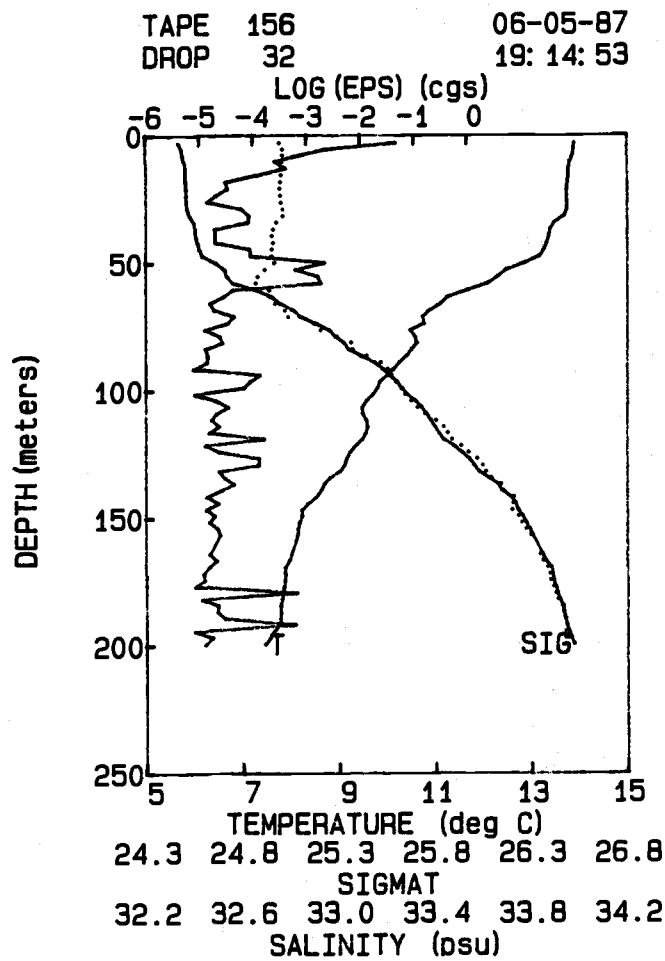
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

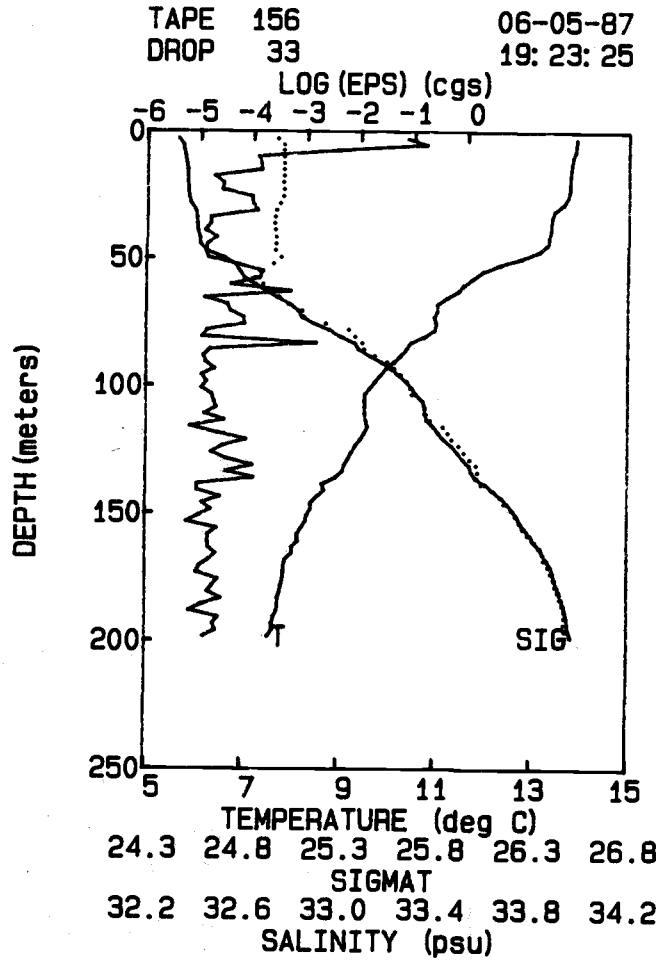

TAPE 156
DROP 28
06-05-87
18: 39: 35
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

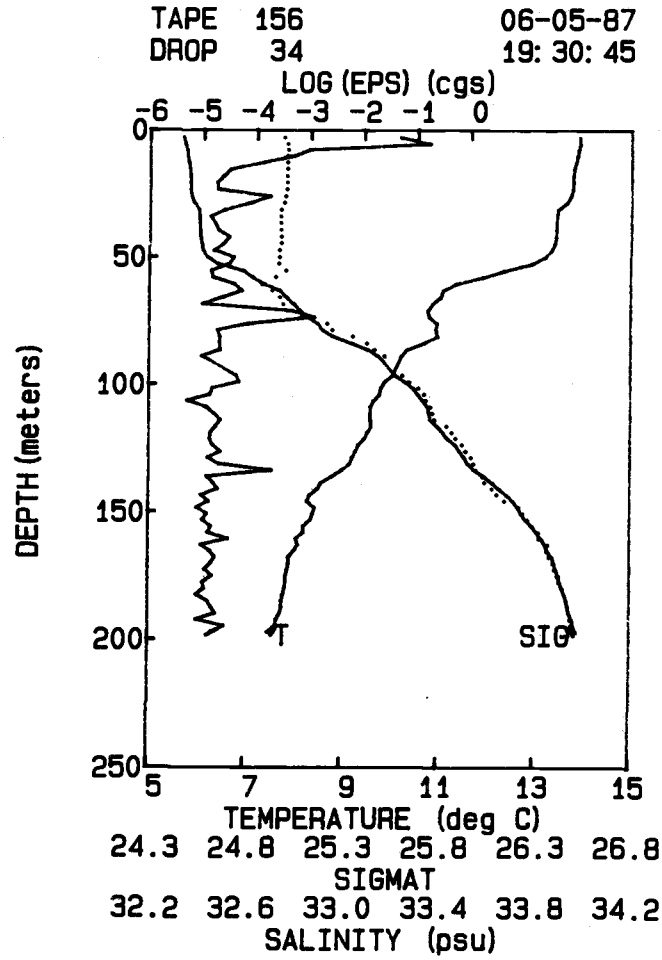

TAPE 156
DROP 29
06-05-87
18: 52: 01
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

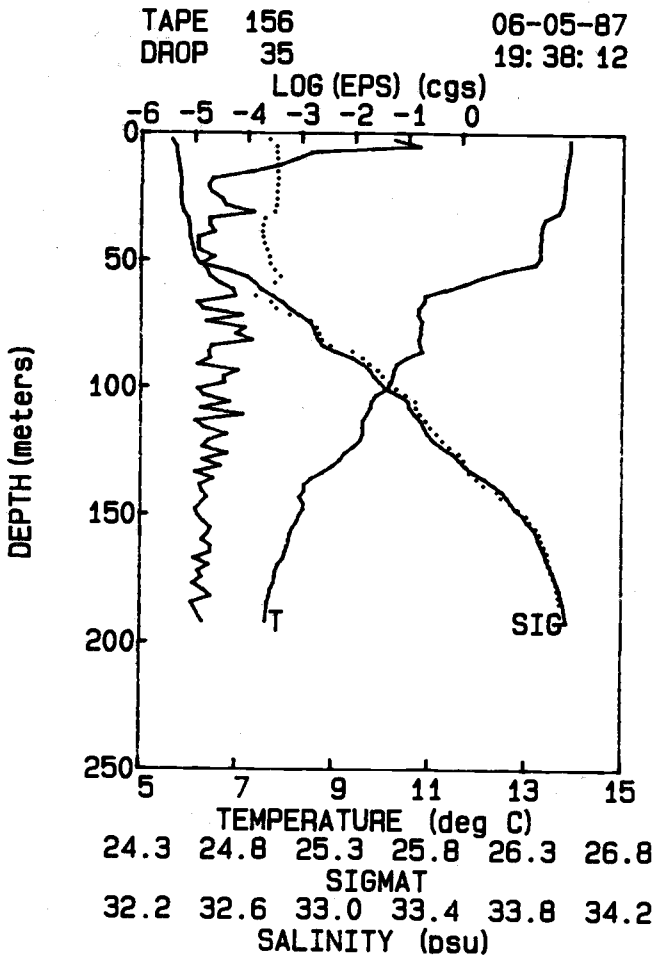

TAPE 156
DROP 30
06-05-87
18: 59: 24
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 31
06-05-87
19: 06: 42
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 32
06-05-87
19: 14: 53
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 33
06-05-87
19: 23: 25
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 34
06-05-87
19: 30: 45
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 35
06-05-87
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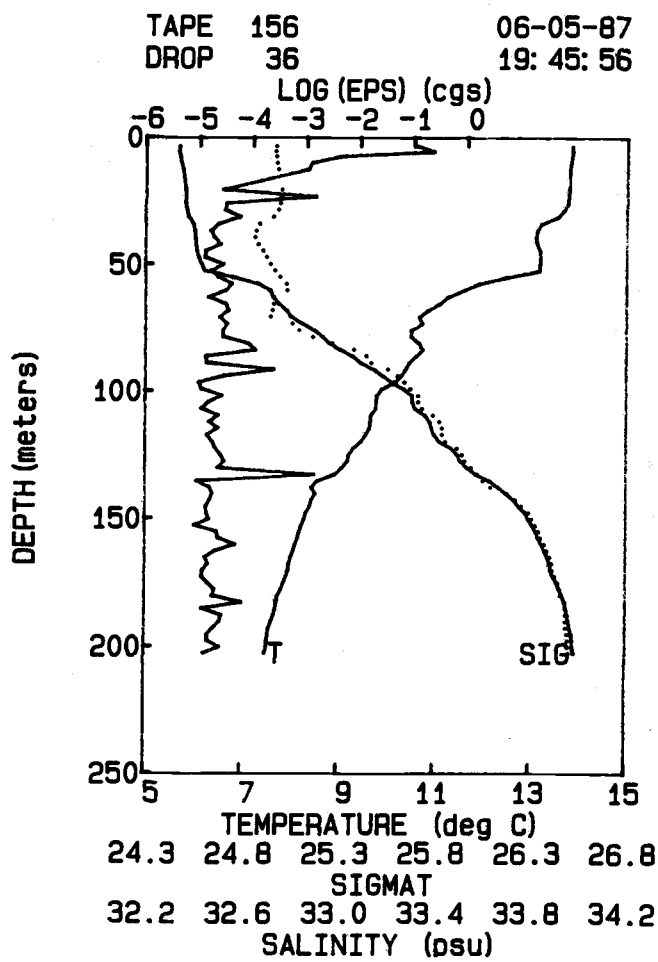
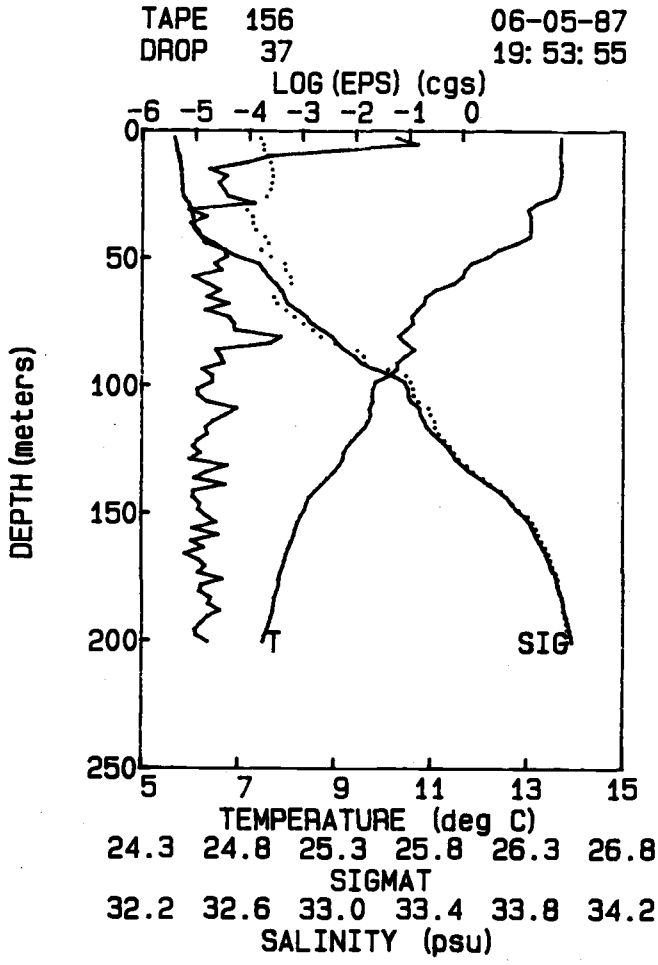
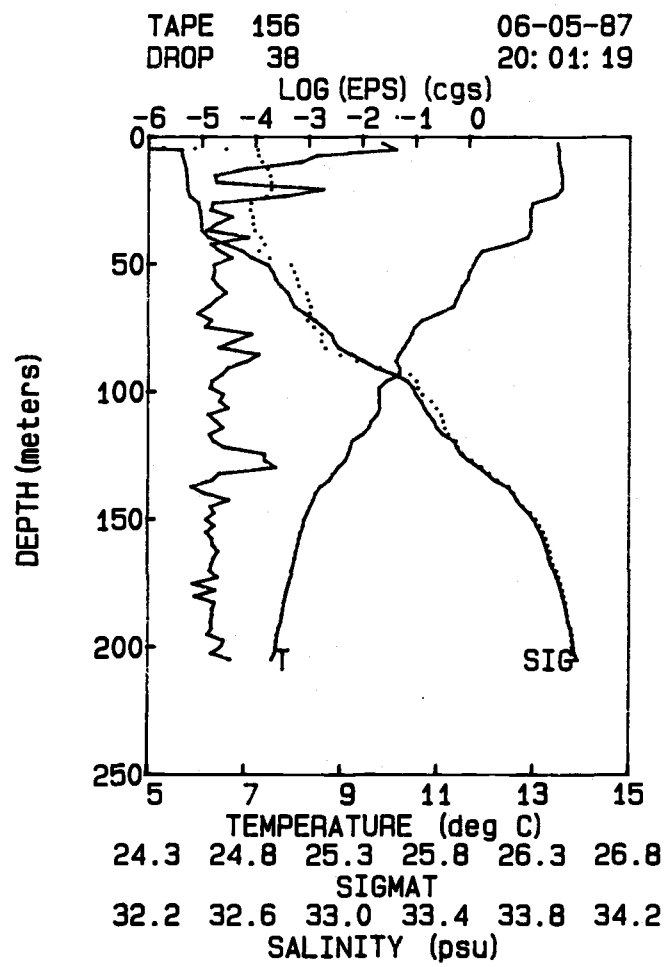
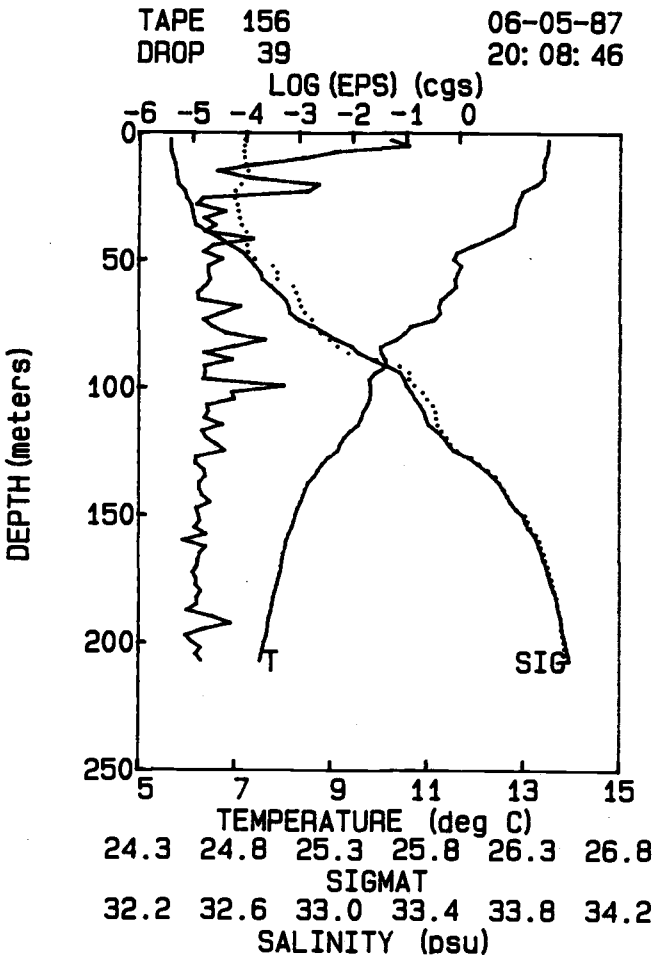
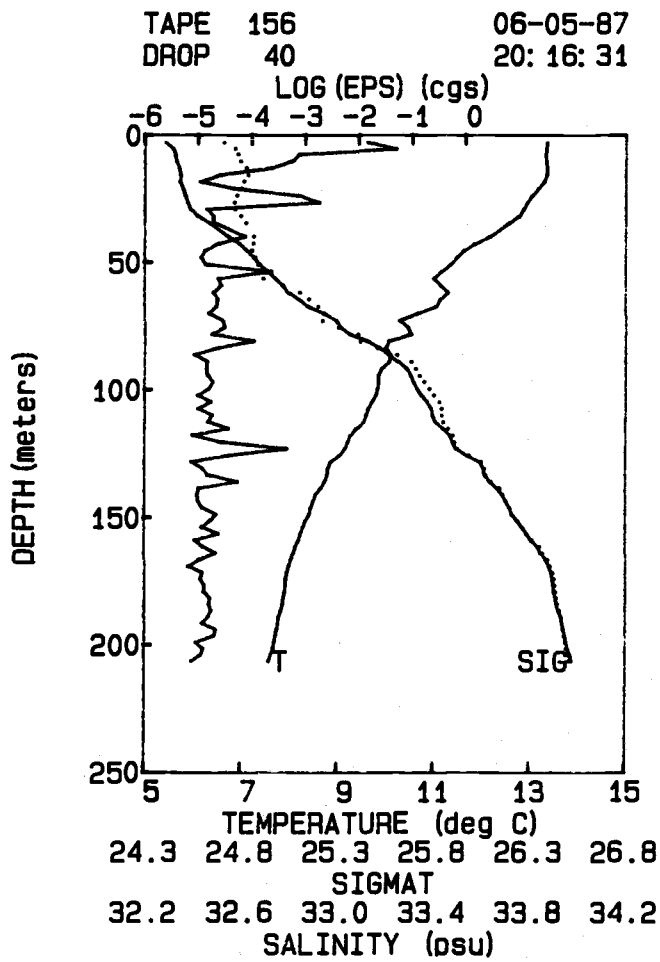
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

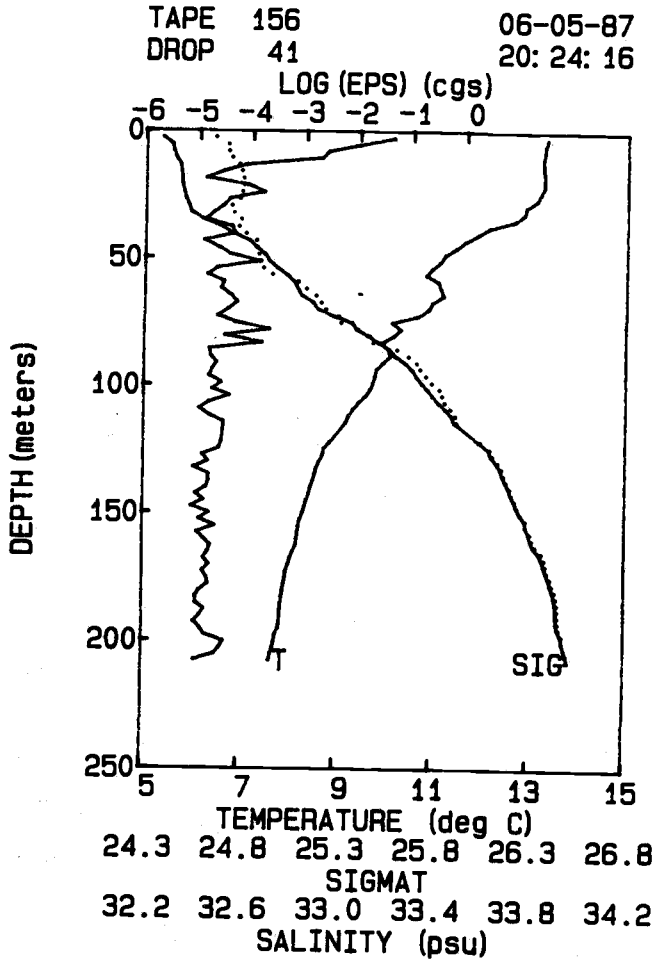

TAPE 156
DROP 36
06-05-87
19: 45: 56
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

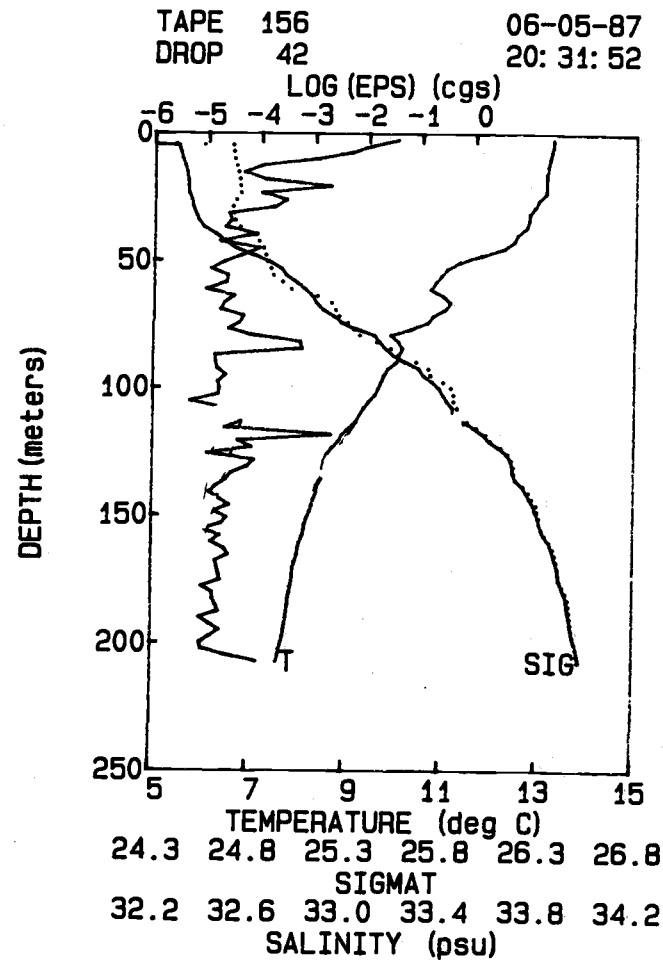

TAPE 156
DROP 37
06-05-87
19: 53: 55
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

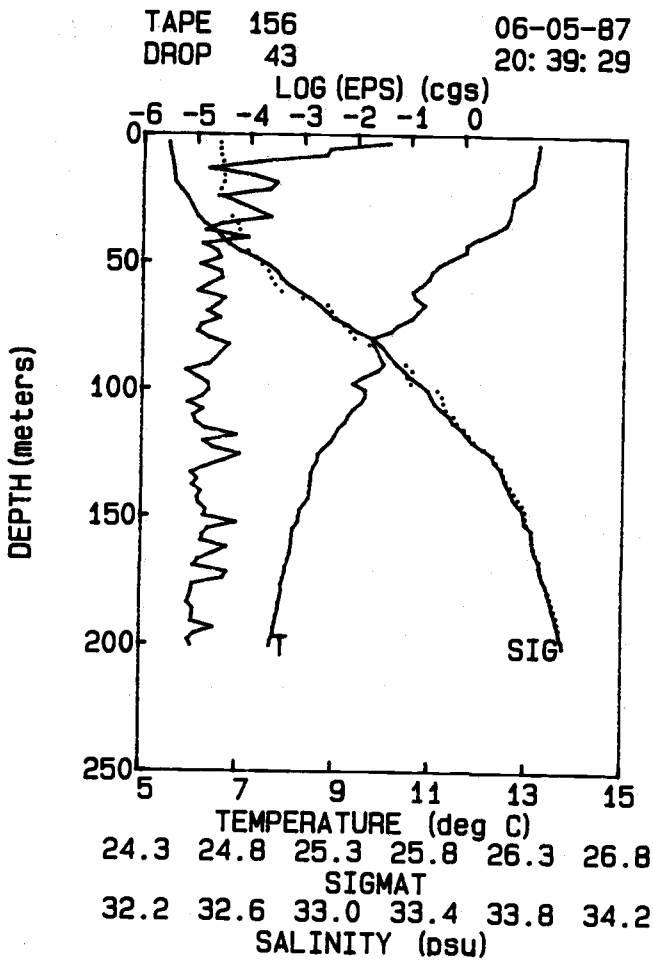

TAPE 156
DROP 38
06-05-87
20: 01: 19
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

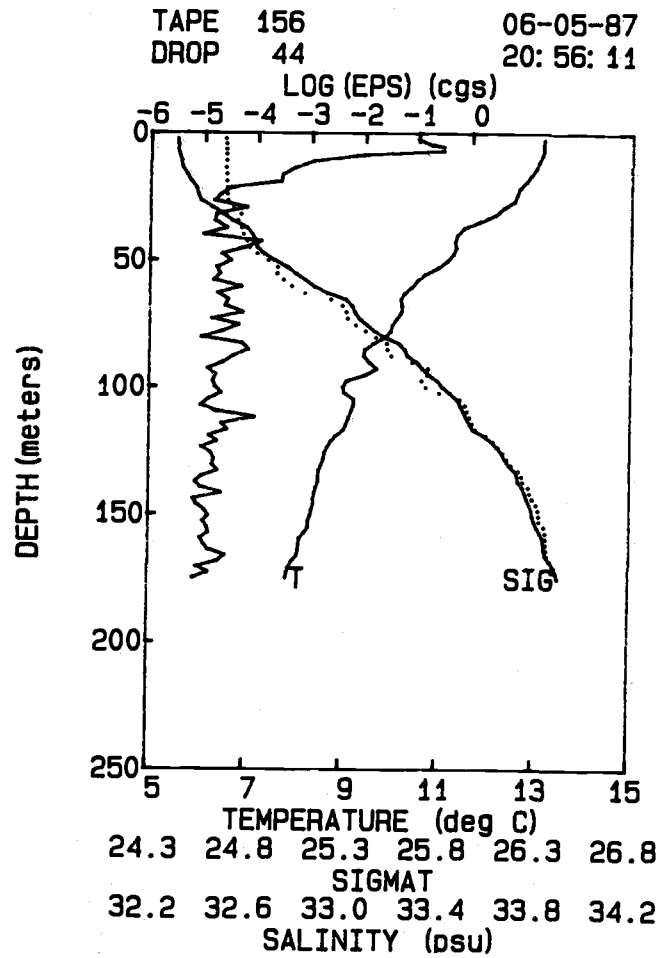

TAPE 156
DROP 39
06-05-87
20: 08: 46
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

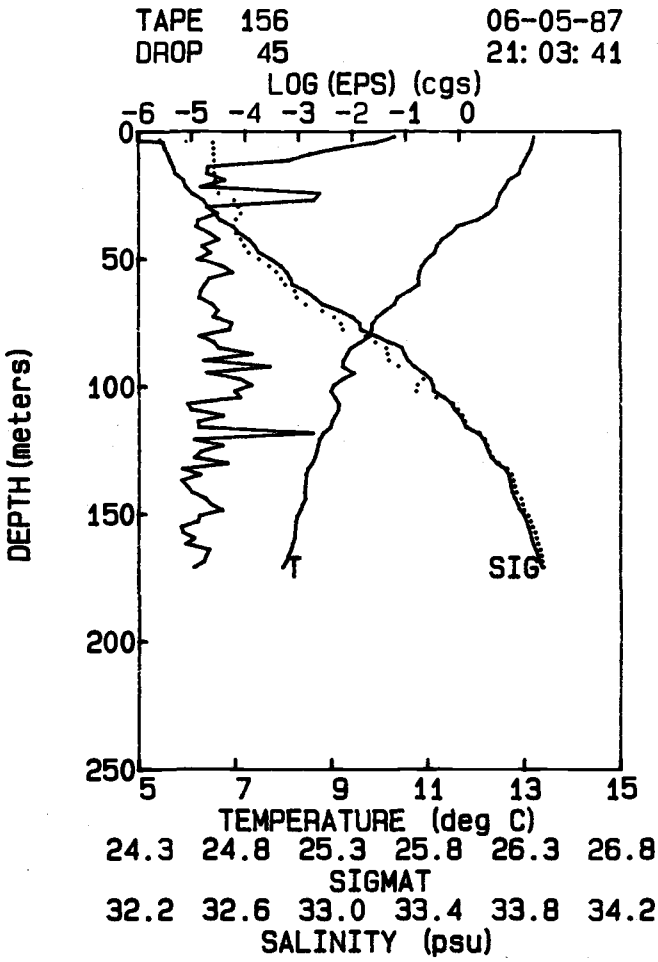

TAPE 156
DROP 40
06-05-87
20: 16: 31
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

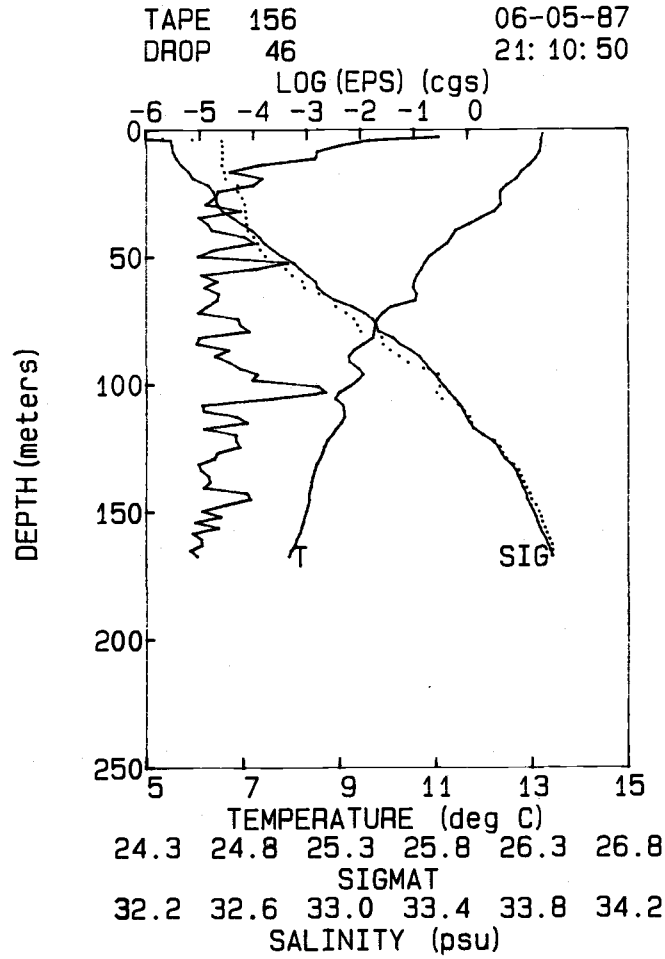

TAPE 156
DROP 41
06-05-87
20: 24: 16
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

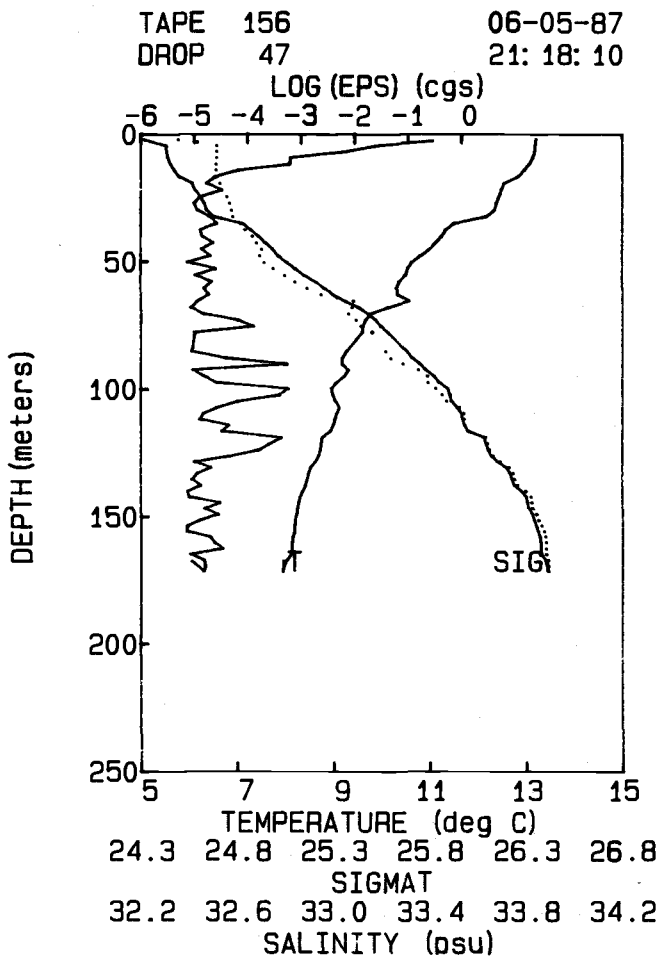

TAPE 156
DROP 42
06-05-87
20: 31: 52
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 43
06-05-87
20: 39: 29
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 44
06-05-87
20: 56: 11
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 45
06-05-87
21: 03: 41
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 46
06-05-87
21: 10: 50
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 47
06-05-87
21: 18: 10
LOG (EPS) (cgs)
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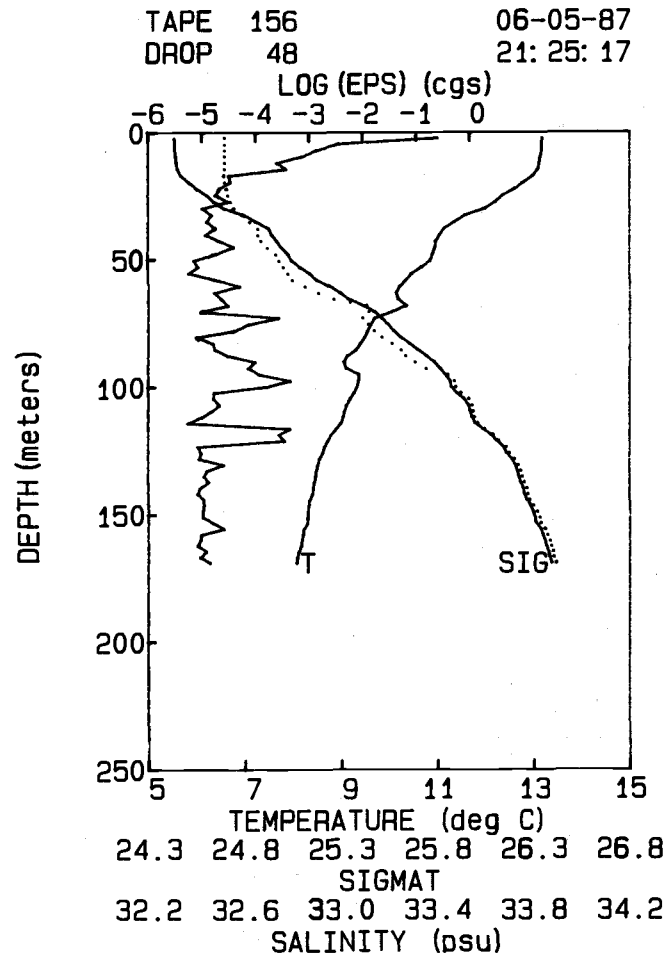
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 48
06-05-87
21: 25: 17
LOG (EPS) (cgs)
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DEPTH (meters)
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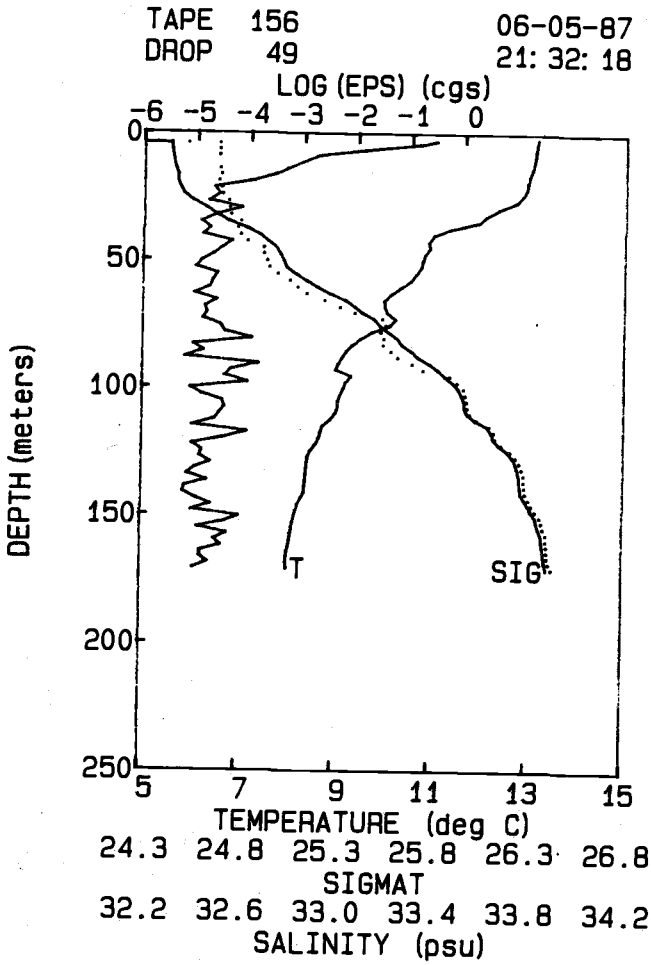
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 49
06-05-87
21: 32: 18
LOG (EPS) (cgs)
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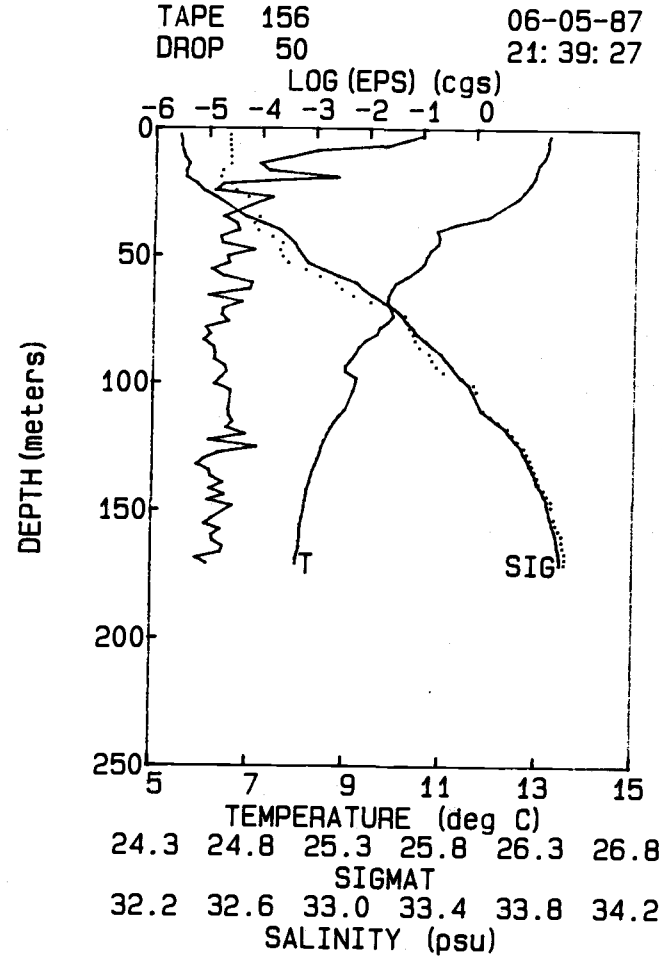
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 50
06-05-87
21: 39: 27
LOG (EPS) (cgs)
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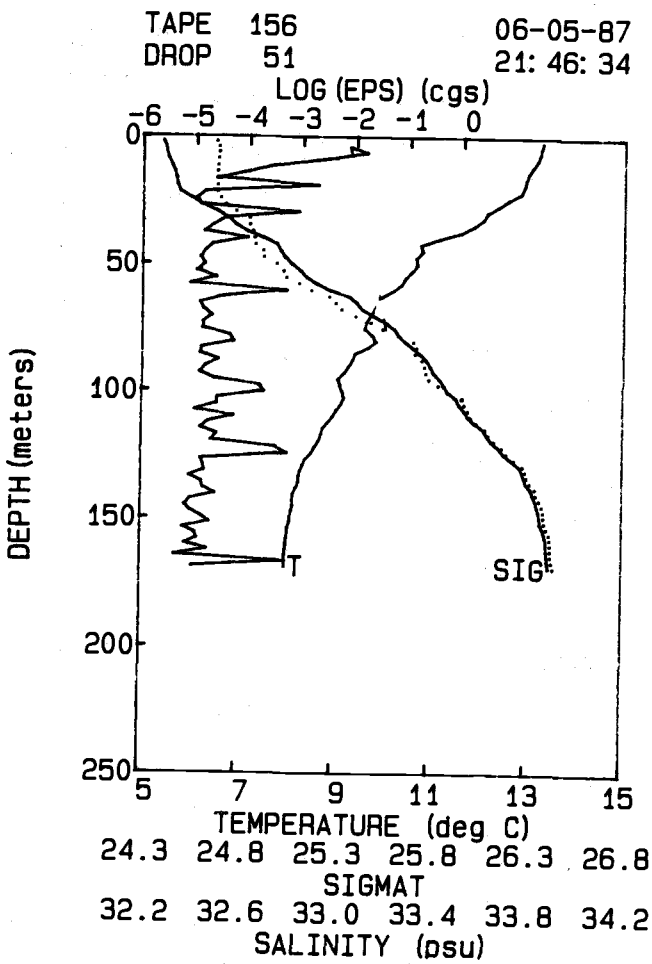
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 51
06-05-87
21: 46: 34
LOG (EPS) (cgs)
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DEPTH (meters)
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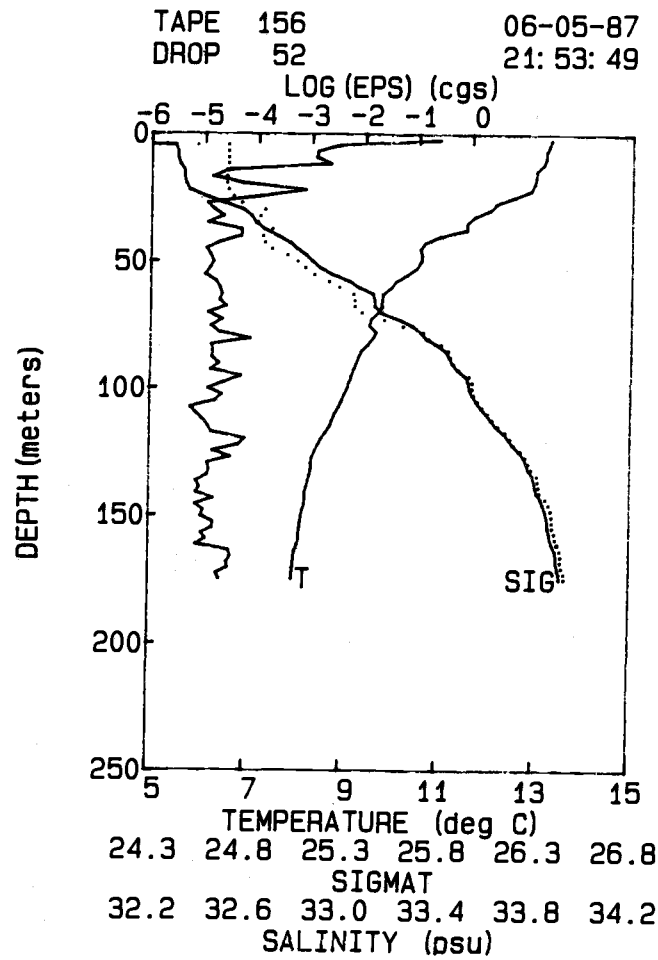
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 52
06-05-87
21: 53: 49
LOG (EPS) (cgs)
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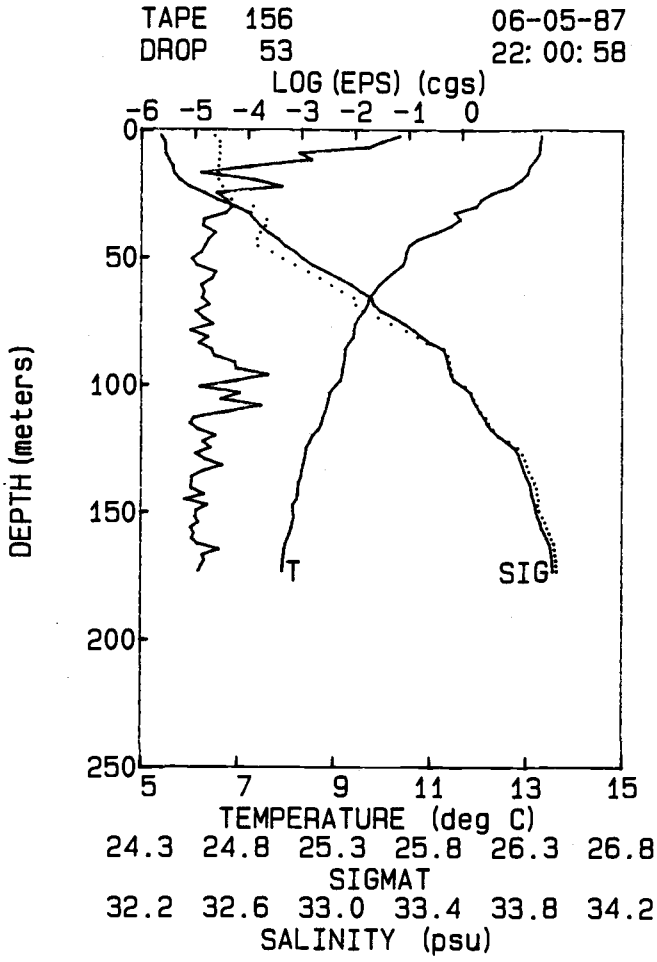
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 53
06-05-87
22: 00: 58
LOG (EPS) (cgs)
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DEPTH (meters)
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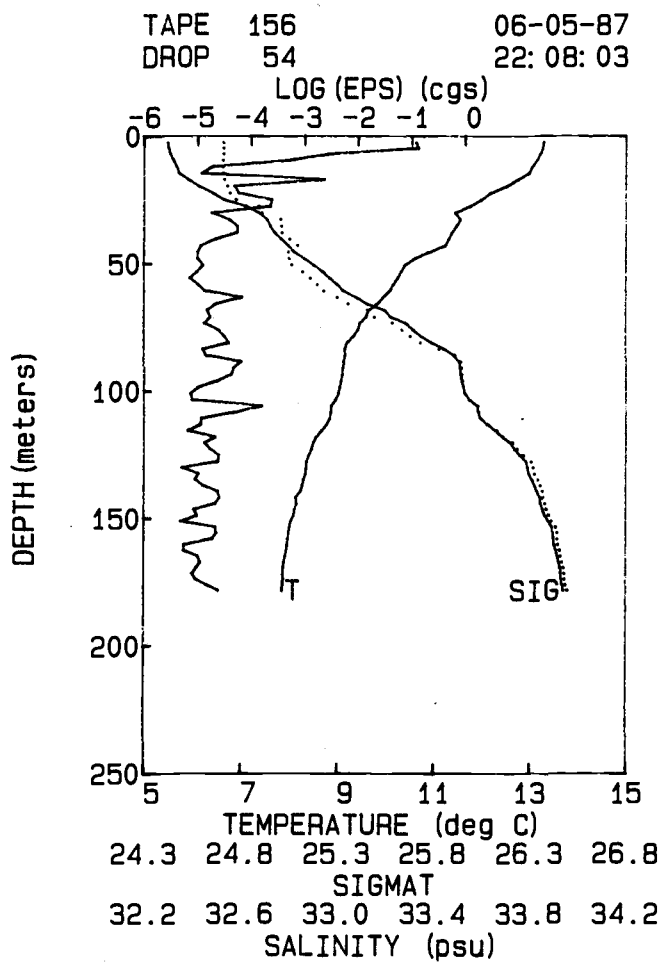
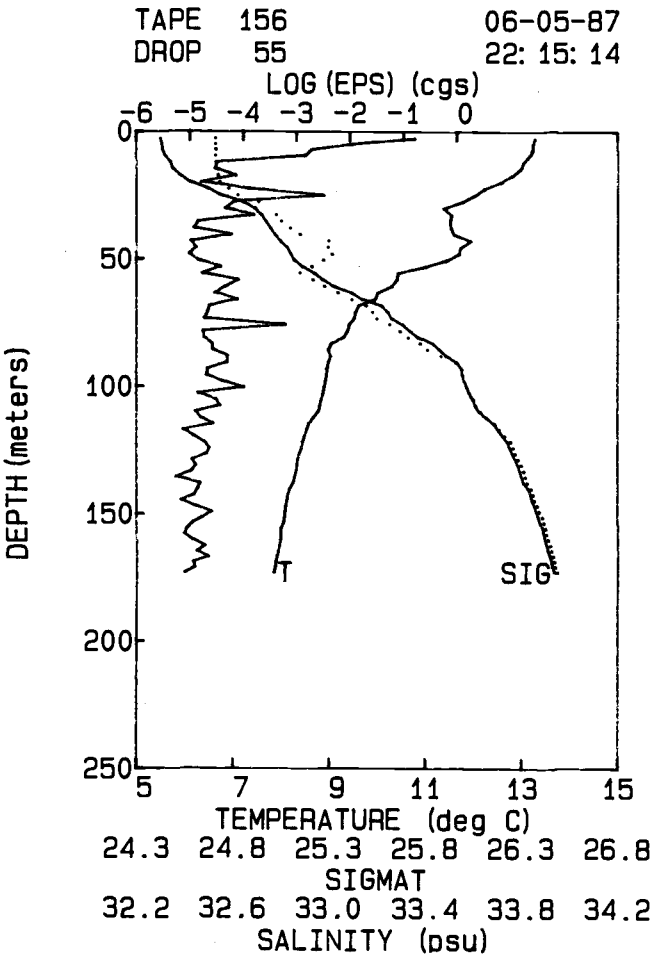
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 54
06-05-87
22: 08: 03
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 55
06-05-87
22: 15: 14
LOG (EPS) (cgs)
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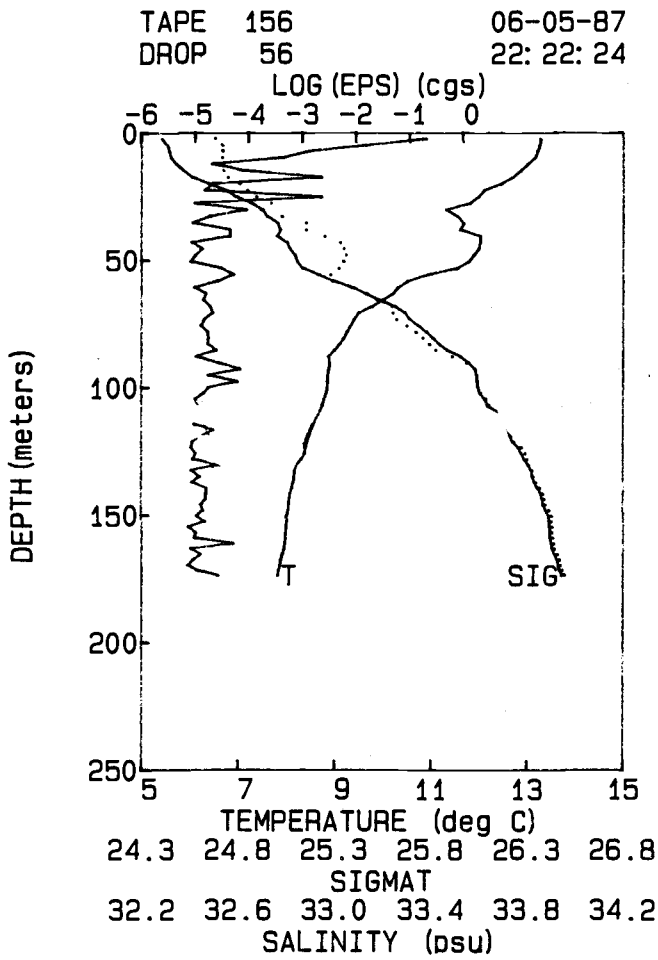
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 156
DROP 56
06-05-87
22: 22: 24
LOG (EPS) (cgs)
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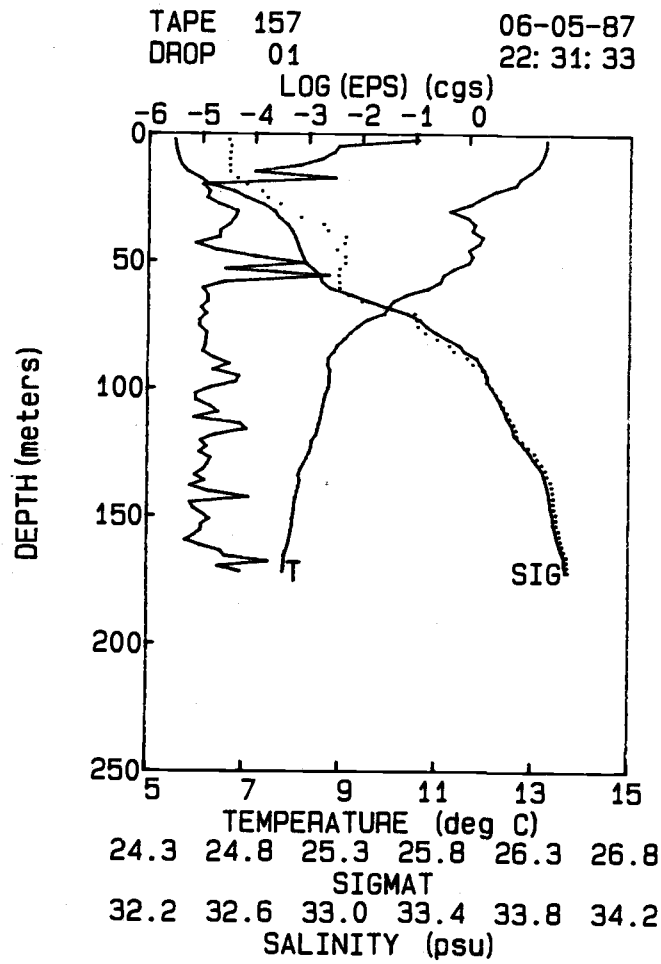
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 157
DROP 01
06-05-87
22: 31: 33
LOG (EPS) (cgs)
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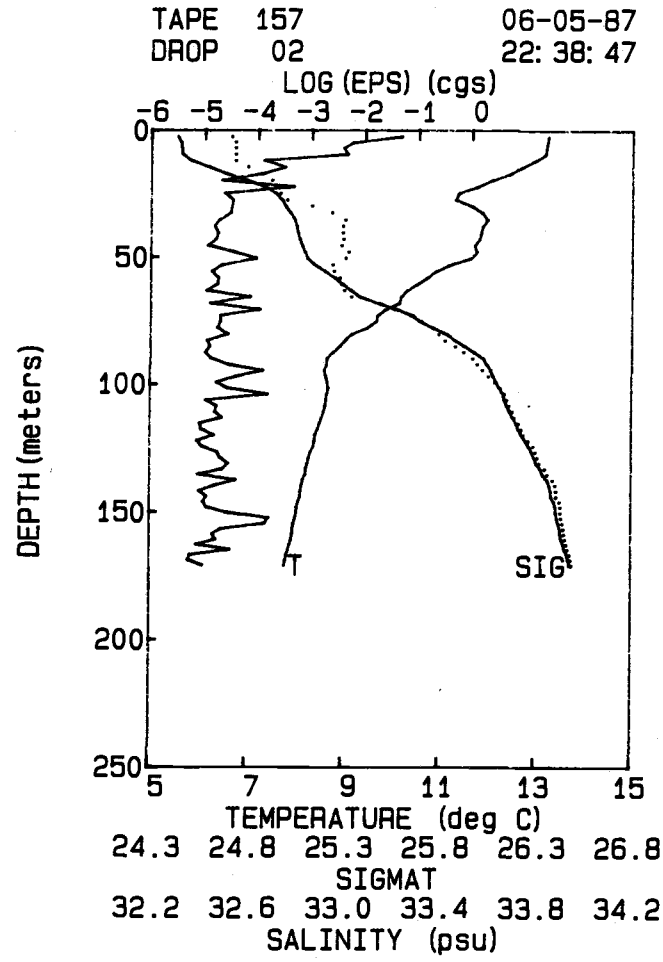
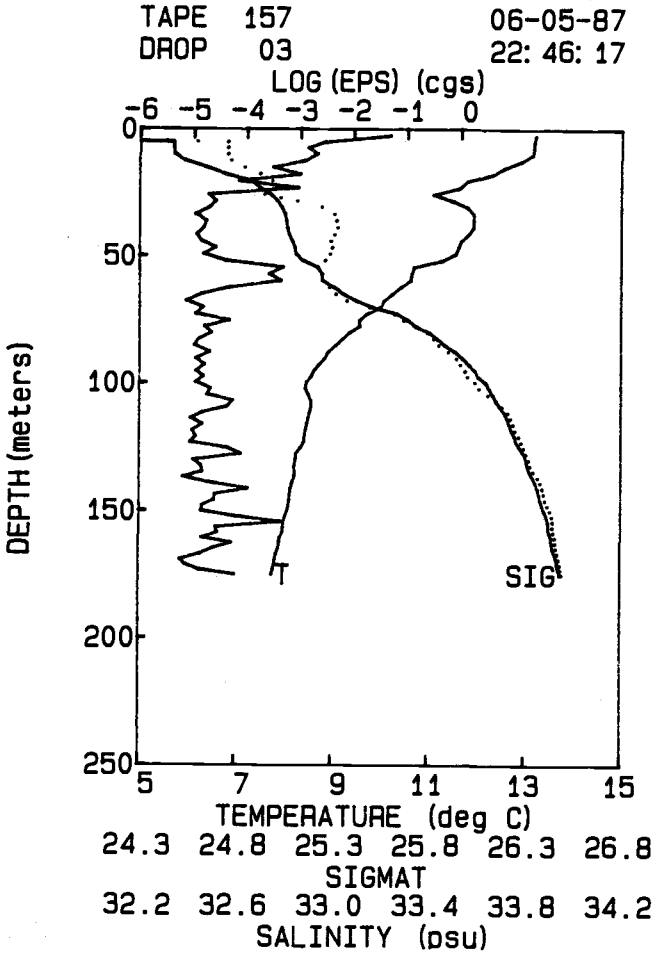
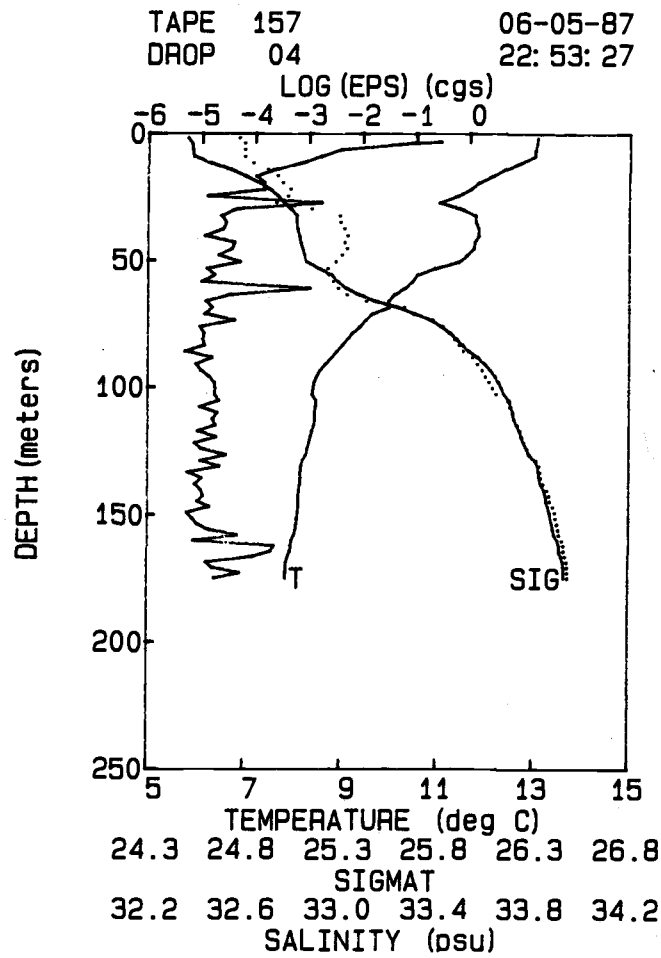
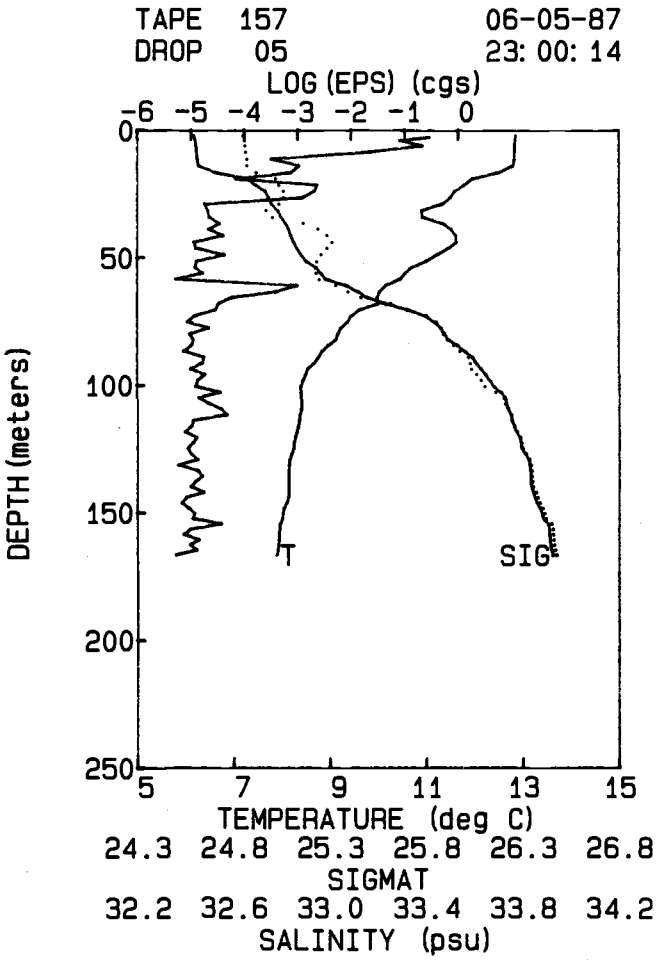
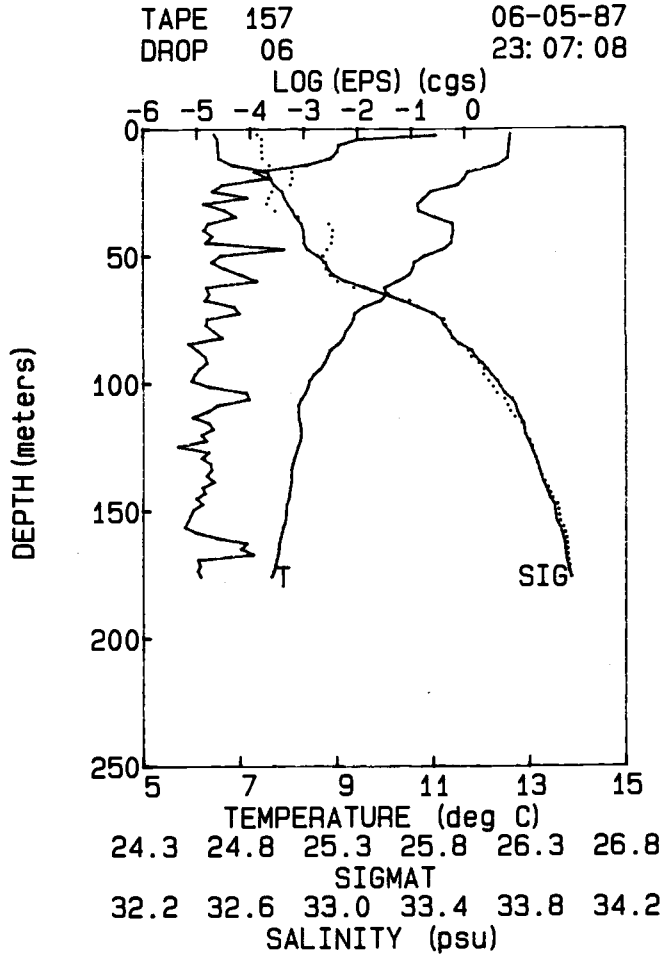
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

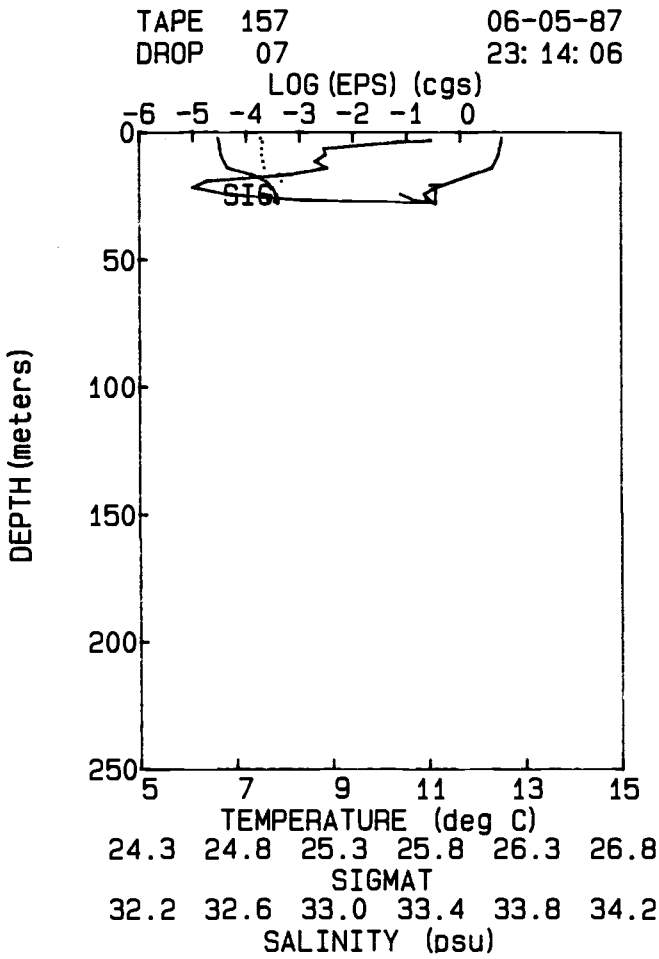

TAPE 157
DROP 02
06-05-87
22: 38: 47
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

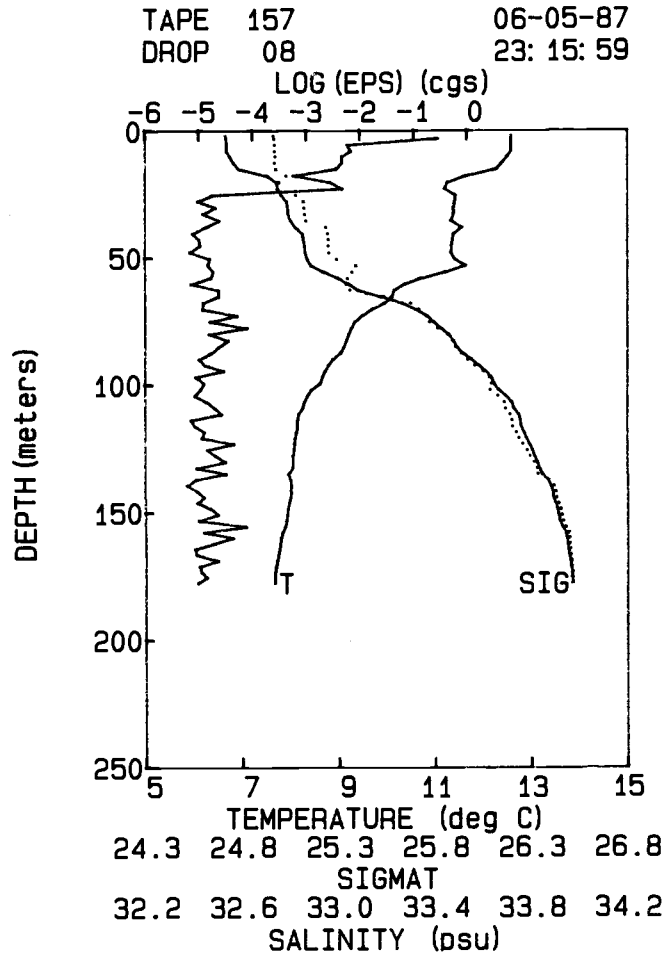

TAPE 157
DROP 03
06-05-87
22: 46: 17
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 157
DROP 04
06-05-87
22: 53: 27
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

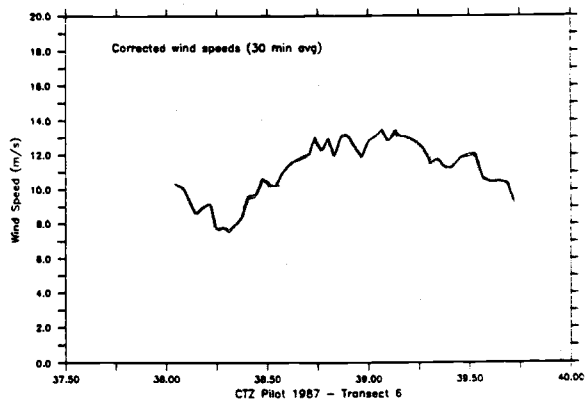

TAPE 157
DROP 05
06-05-87
23: 00: 14
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

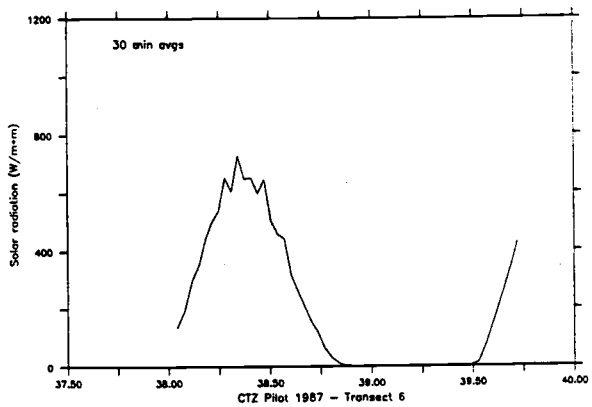

TAPE 157
DROP 06
06-05-87
23: 07: 08
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

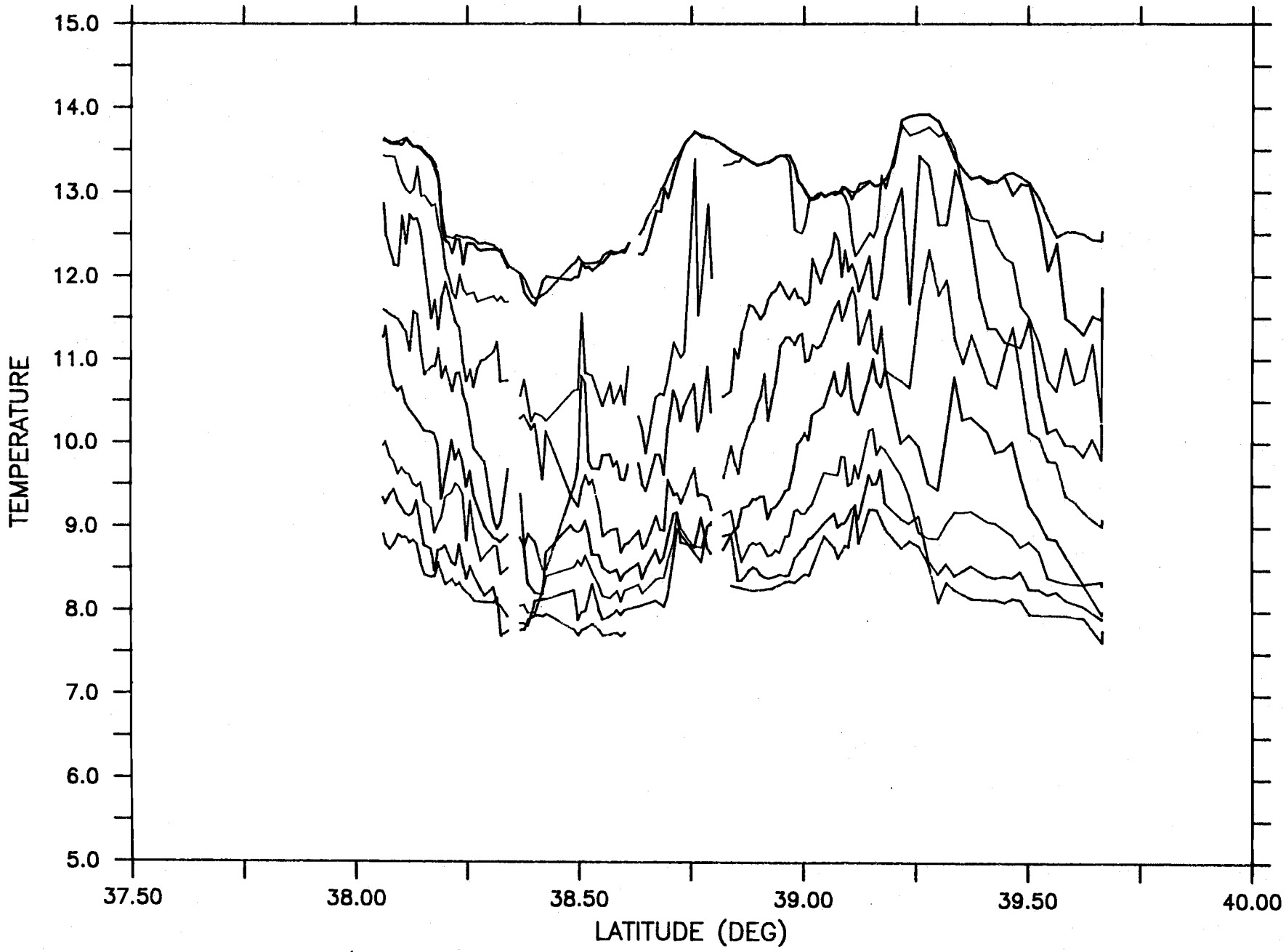

TAPE 157
DROP 07
06-05-87
23: 14: 06
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
SIG
T
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

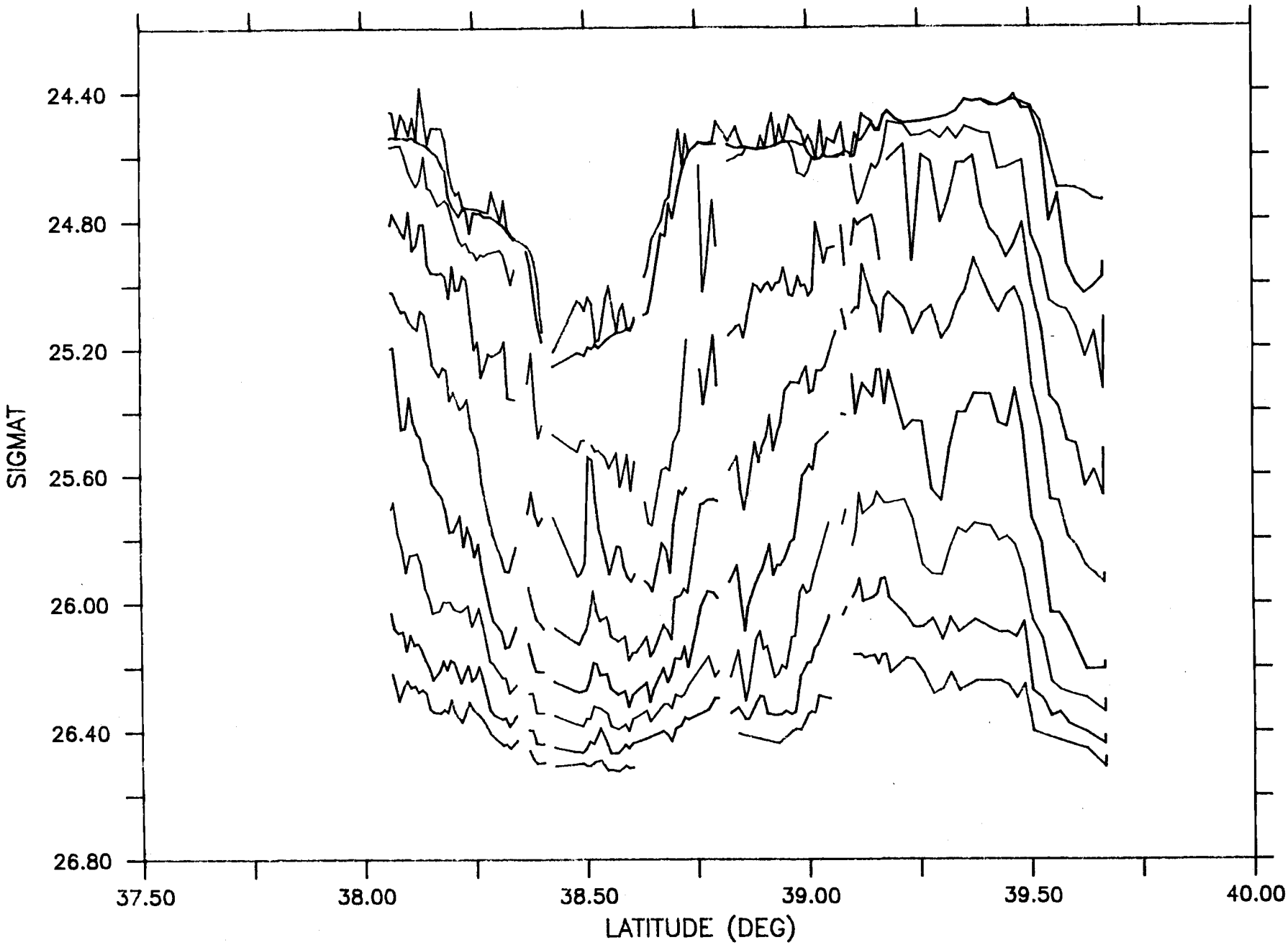

TAPE 157
DROP 08
06-05-87
23: 15: 59
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

TRANSECT 6

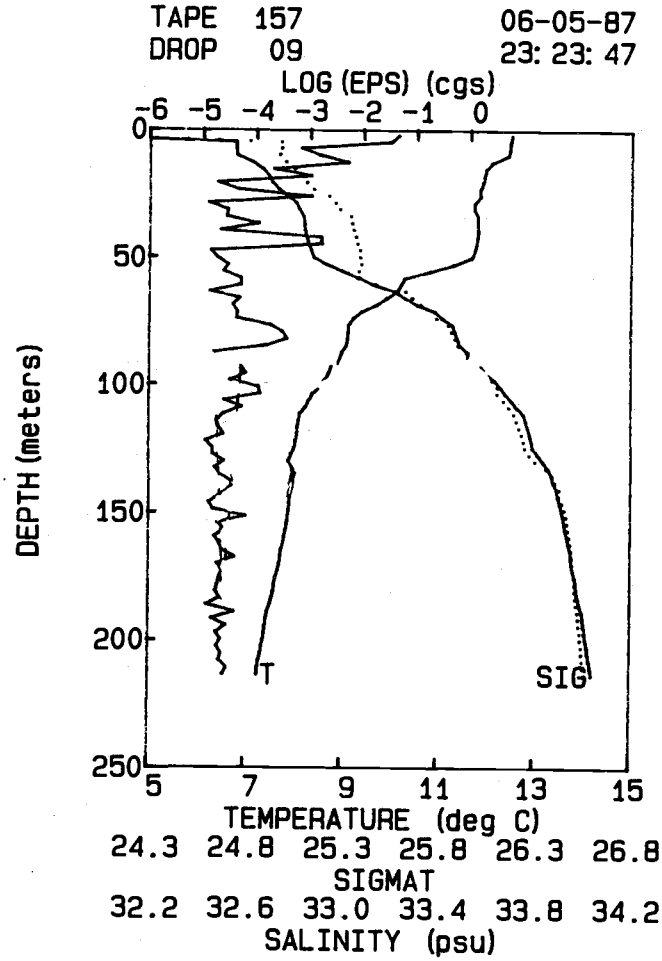

Corrected wind speeds (30 min avg)
Wind Speed (m/s)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
37.50
38.00
38.50
39.00
39.50
40.00
CTZ Pilot 1987 – Transect 6

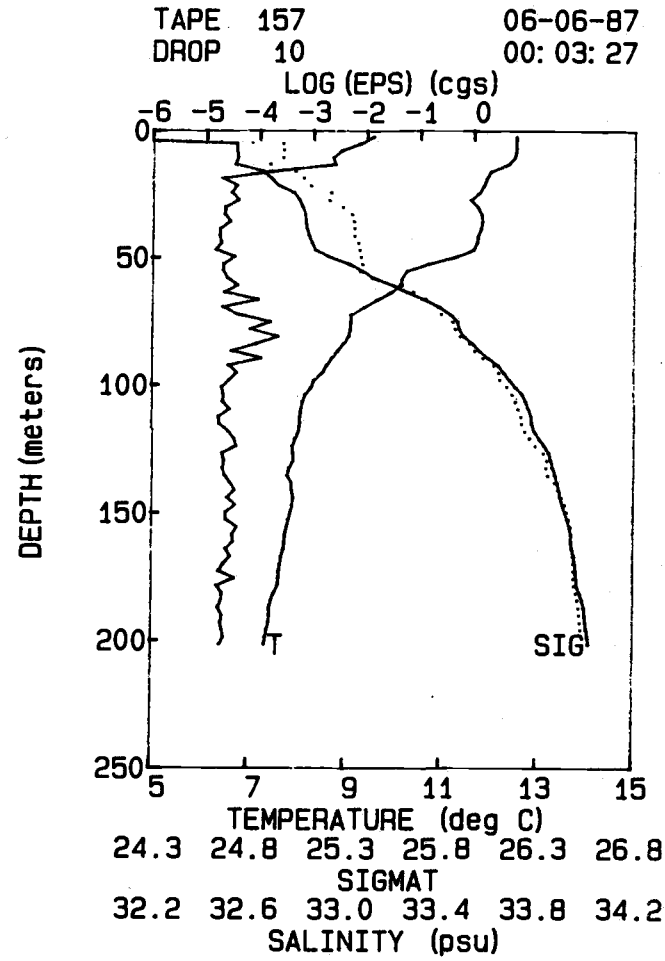

30 min avgs
Solar radiation (W/m**m)
1200
800
400
0
37.50
38.00
38.50
39.00
39.50
40.00
CTZ Pilot 1987 – Transect 6

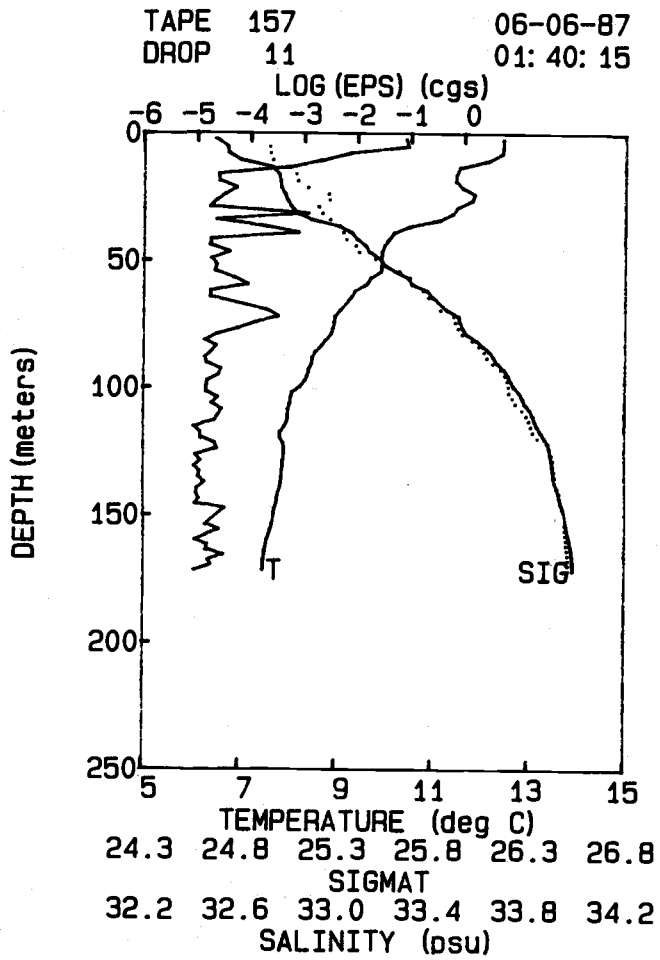

15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
TEMPERATURE
37.50
38.00
38.50
39.00
39.50
40.00
LATITUDE (DEG)

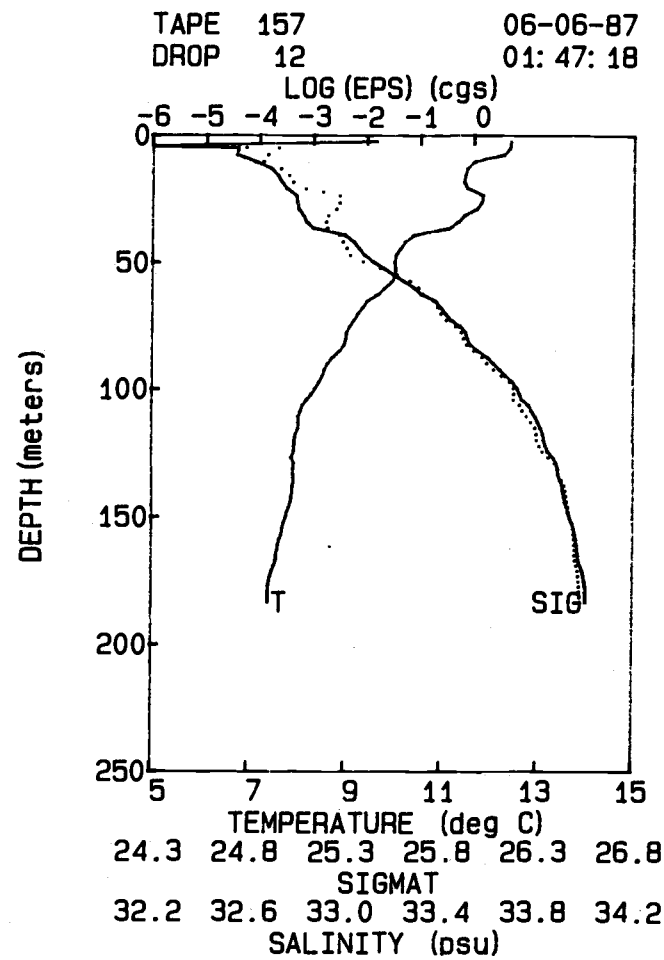

24.40
24.80
25.20
25.60
26.00
26.40
26.80
SIGMAT
37.50
38.00
38.50
39.00
39.50
40.00
LATITUDE (DEG)

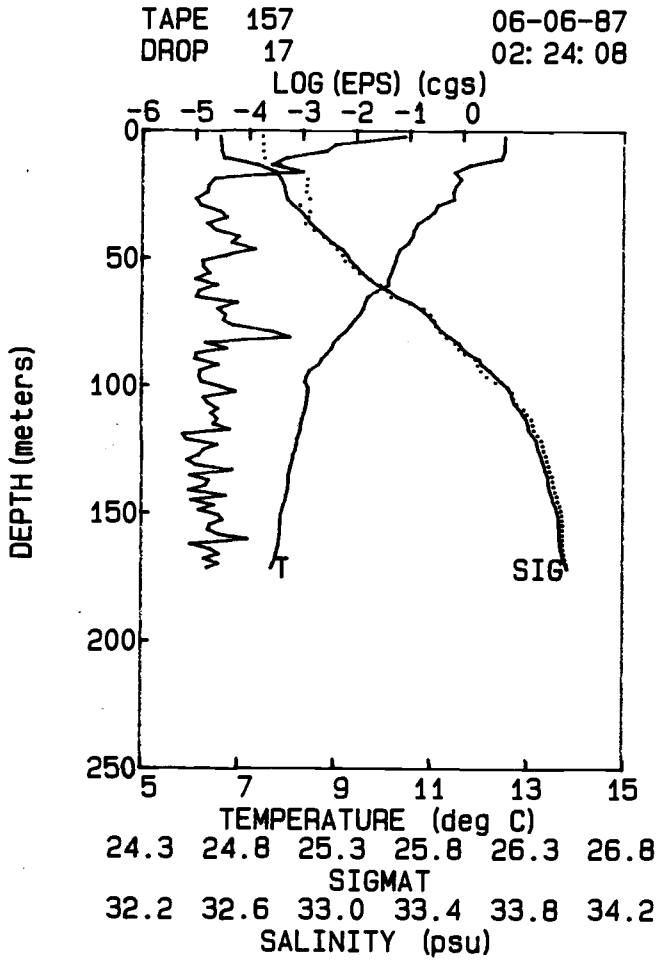
TRANSECT 6

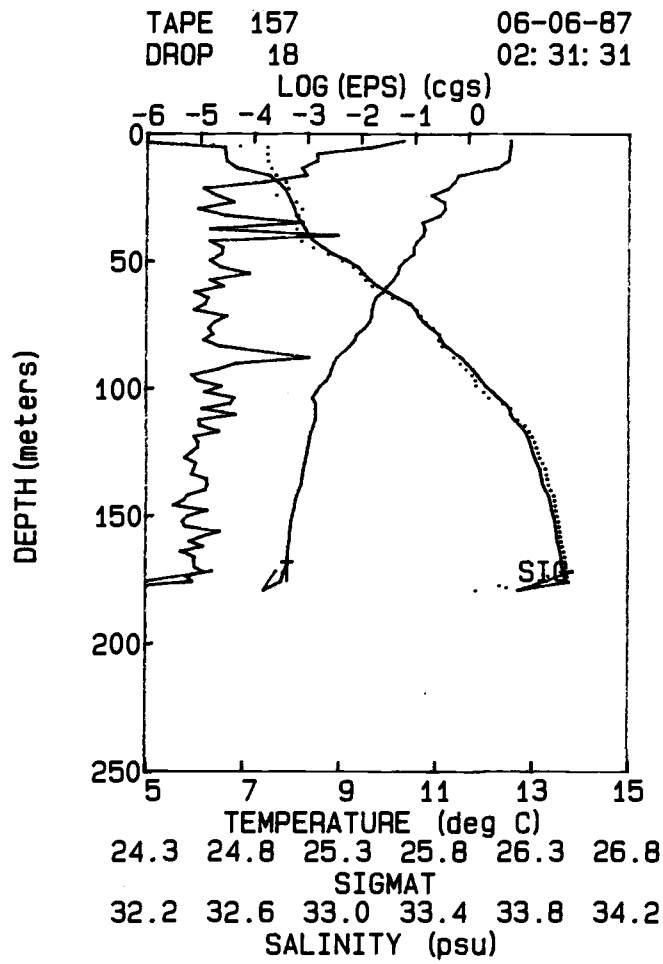

TAPE 157
DROP 09
06-05-87
23: 23: 47
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

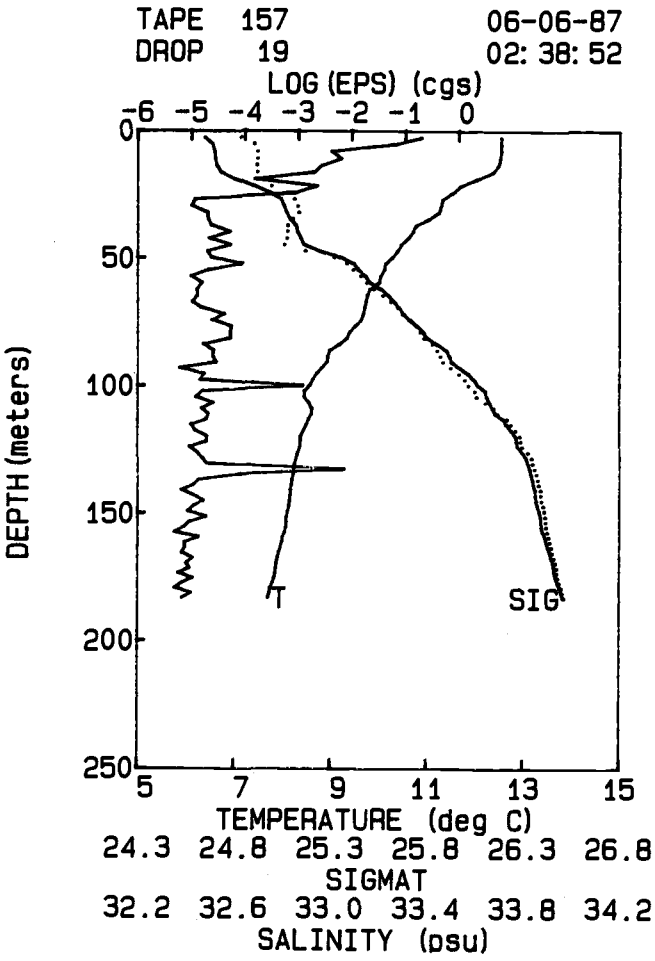

TAPE 157
DROP 10
06-06-87
00: 03: 27
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

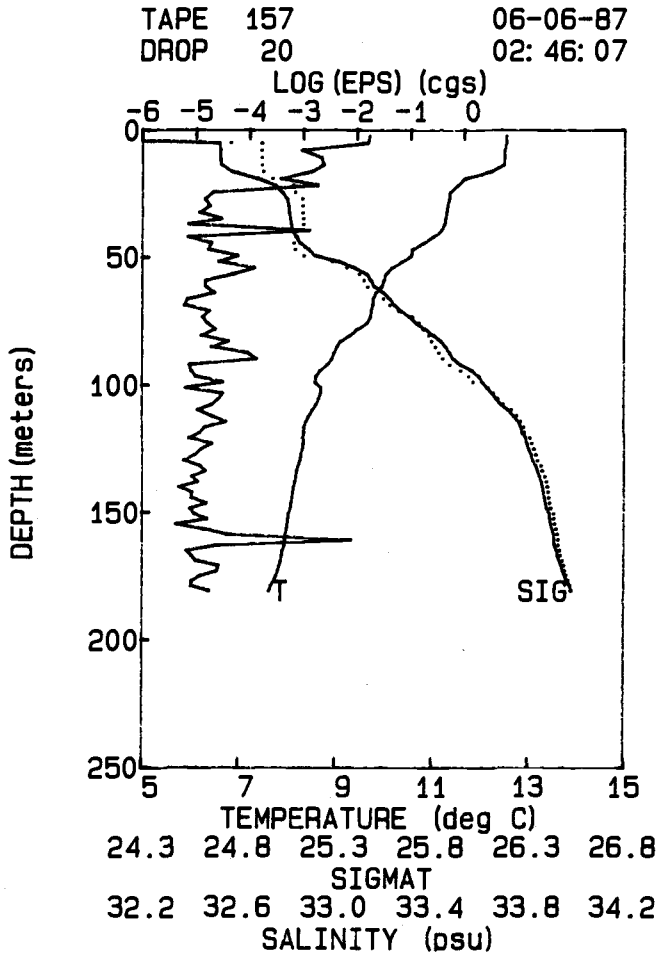

TAPE 157
DROP 11
06-06-87
01: 40: 15
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

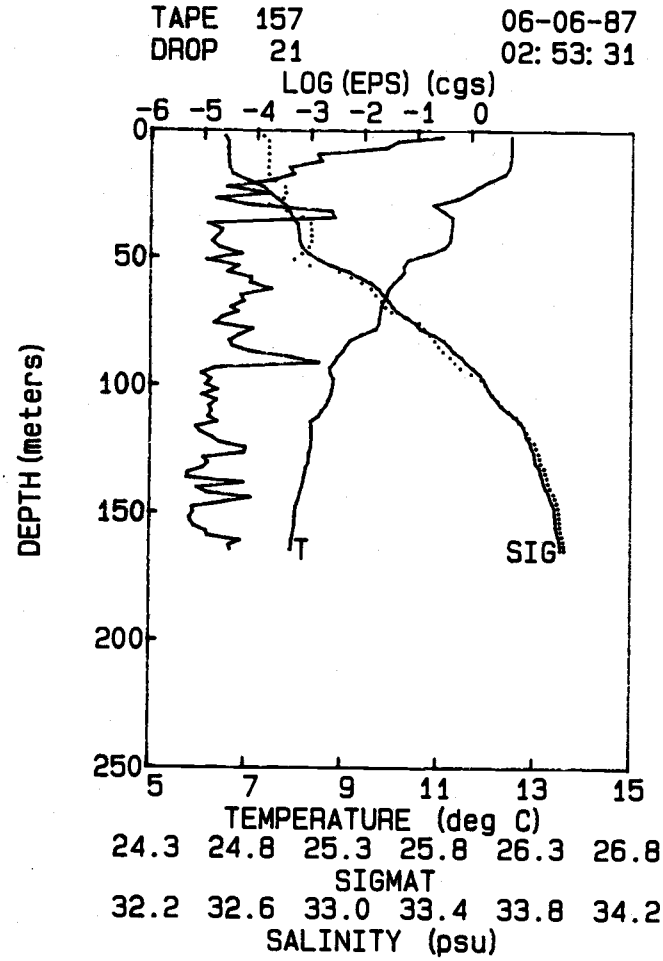

TAPE 157
DROP 12
06-06-87
01: 47: 18
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

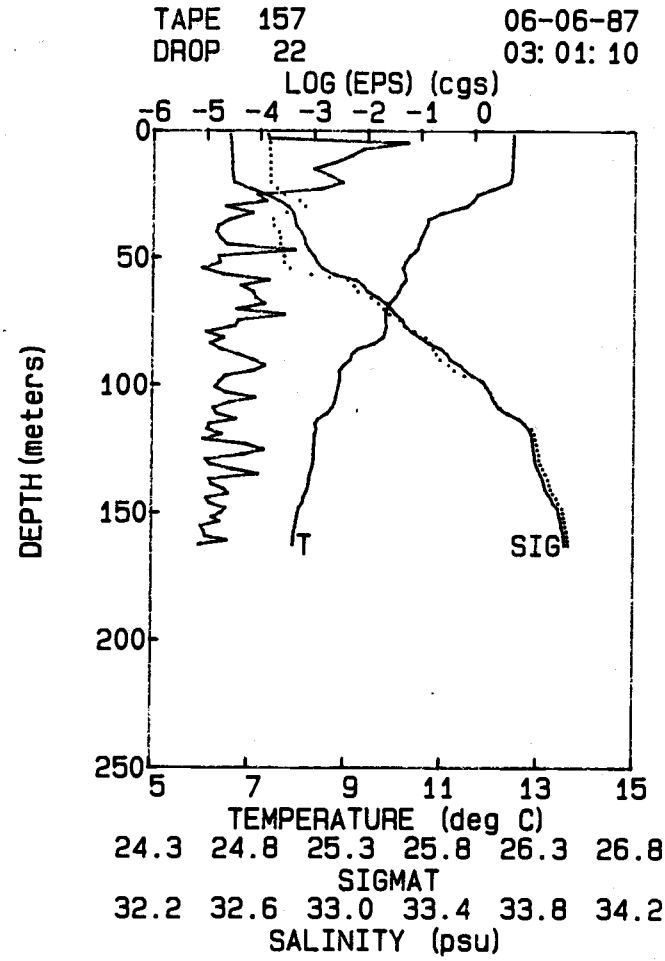

TAPE 157
DROP 17
06-06-87
02: 24: 08
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

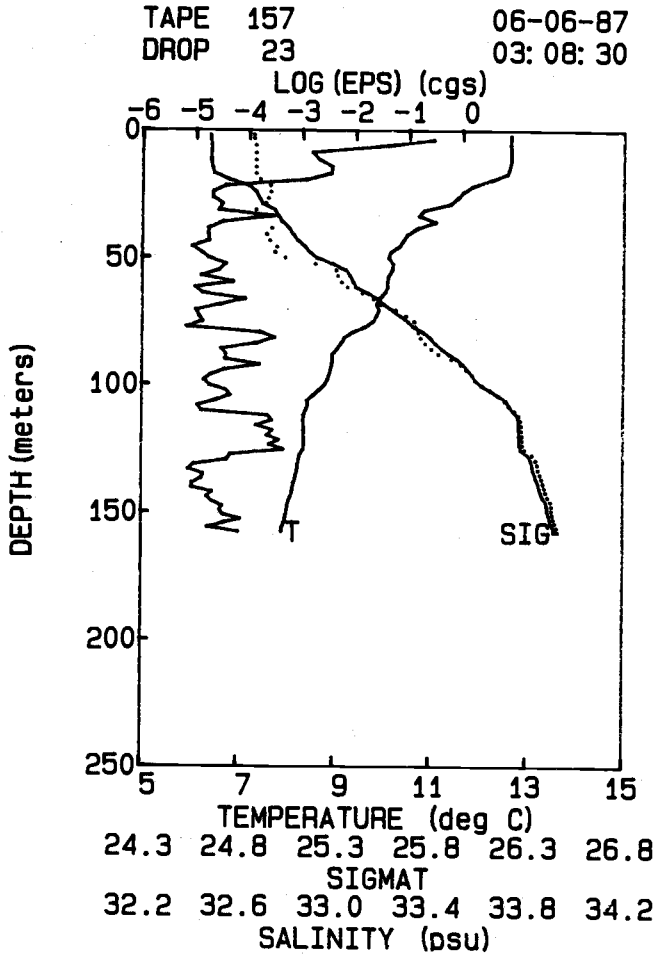

TAPE 157
DROP 18
06-06-87
02: 31: 31
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

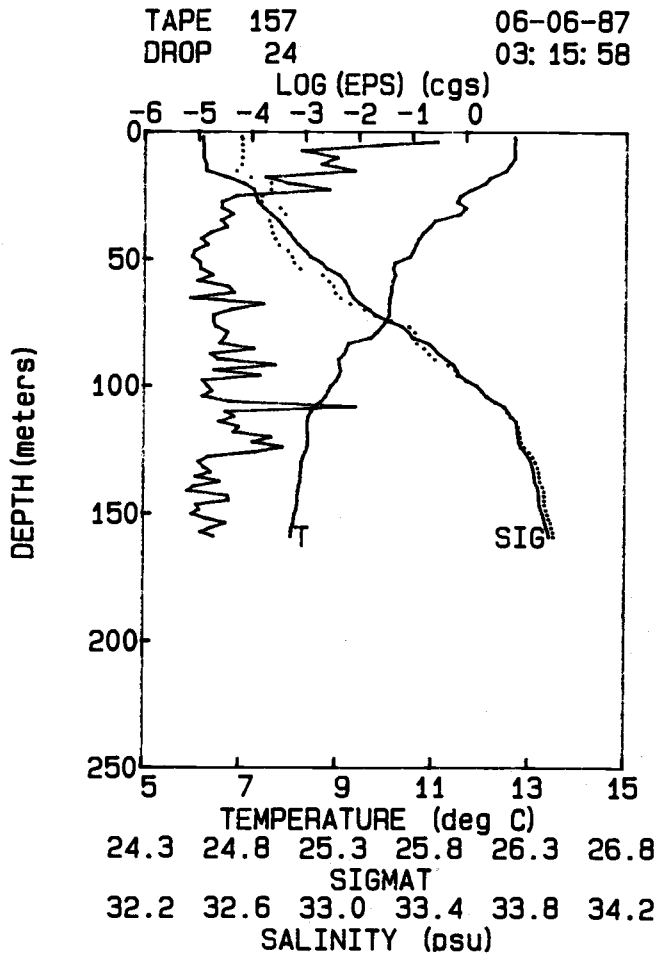

TAPE 157
DROP 19
06-06-87
02: 38: 52
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

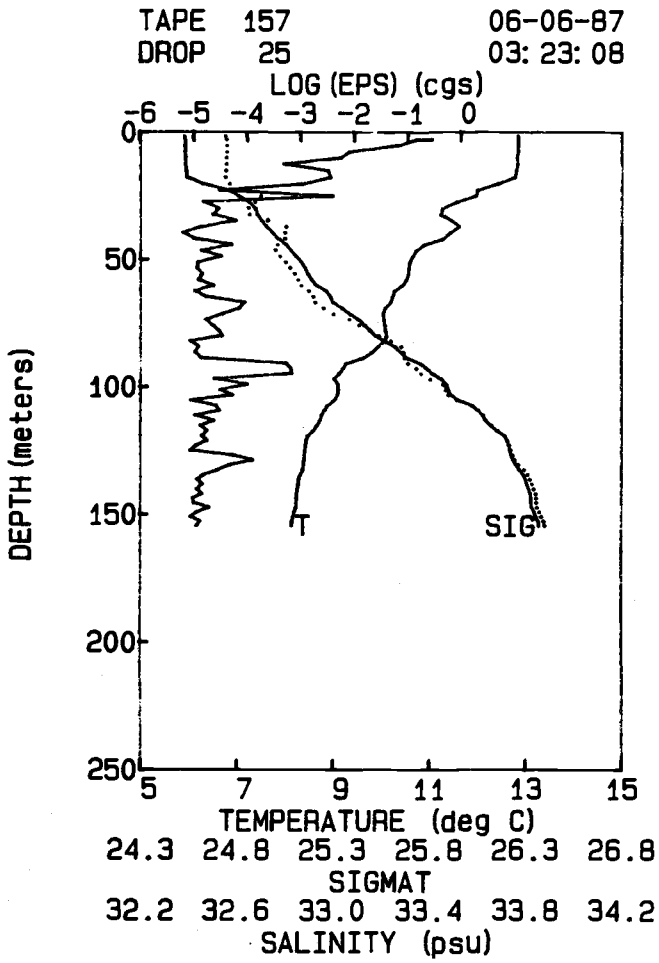

TAPE 157
DROP 20
06-06-87
02: 46: 07
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

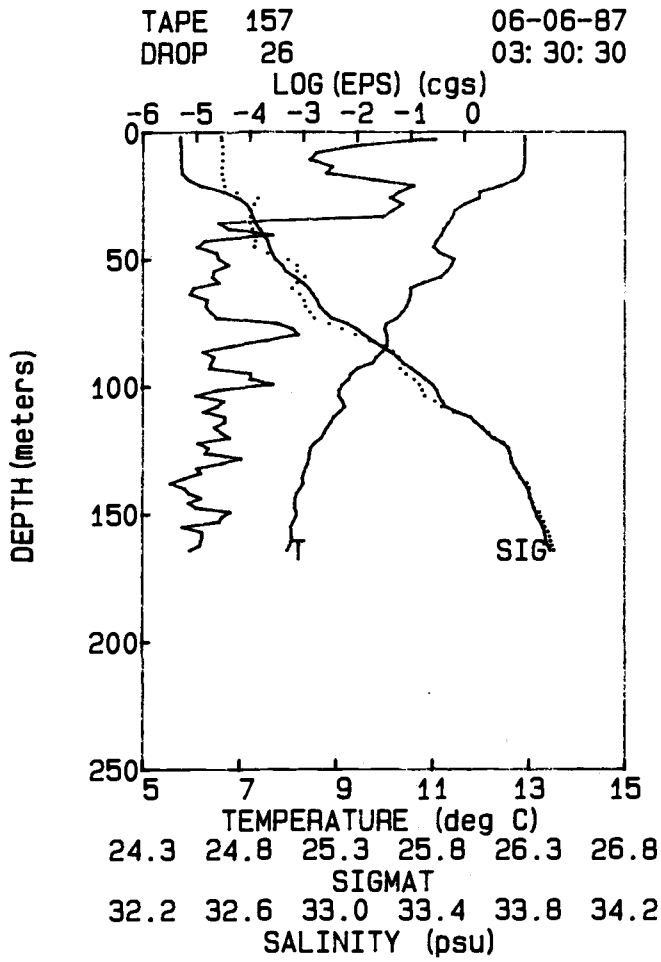

TAPE 157
DROP 21
06-06-87
02: 53: 31
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 157
DROP 22
06-06-87
03: 01: 10
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 157
DROP 23
06-06-87
03: 08: 30
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 157
DROP 24
06-06-87
03: 15: 58
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 157
DROP 25
06-06-87
03: 23: 08
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 157
DROP 26
06-06-87
03: 30: 30
LOG (EPS) (cgs)
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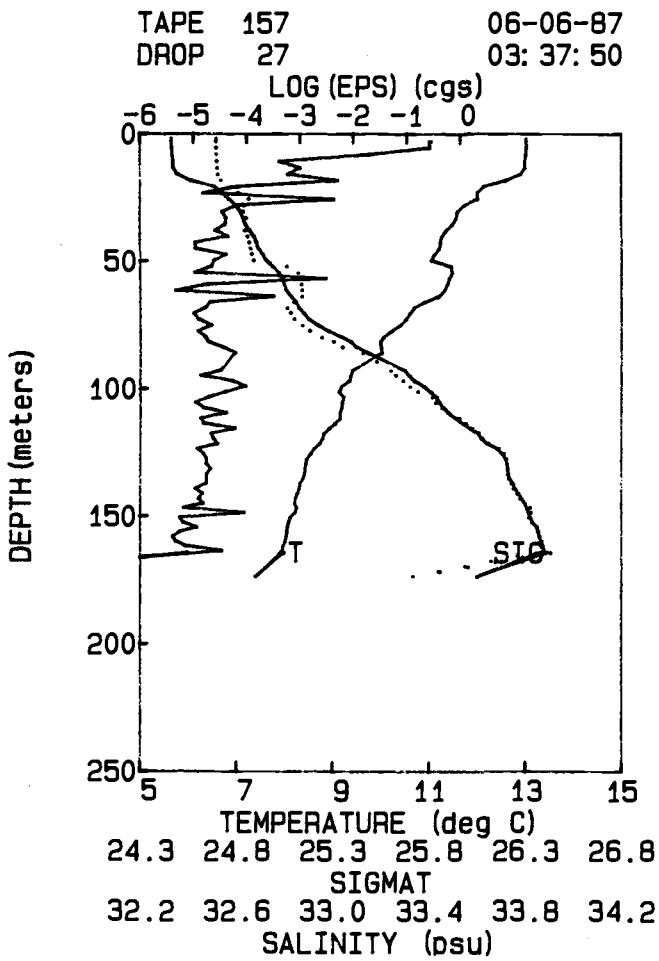
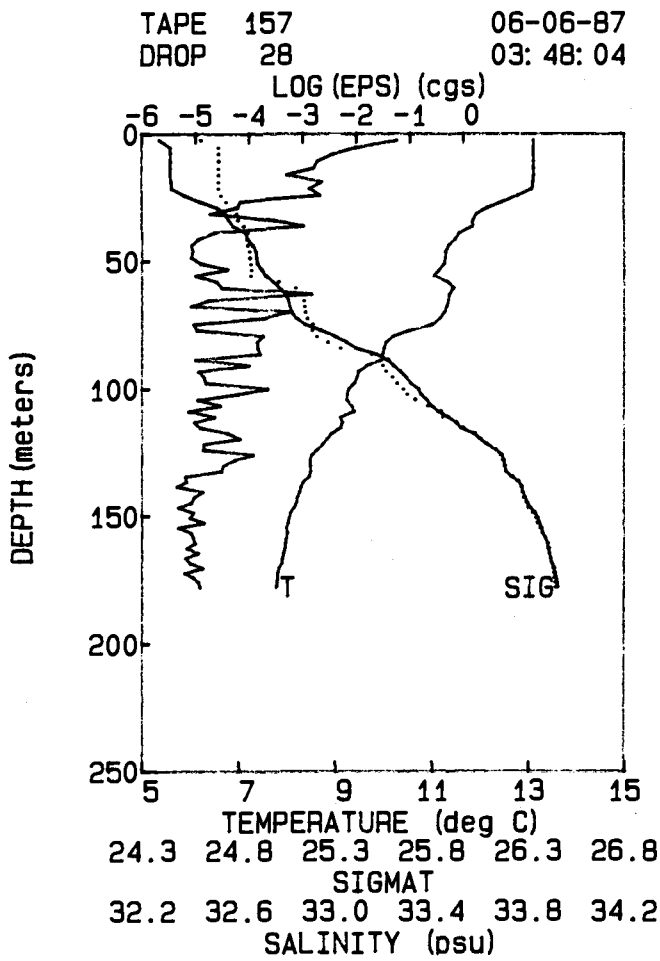
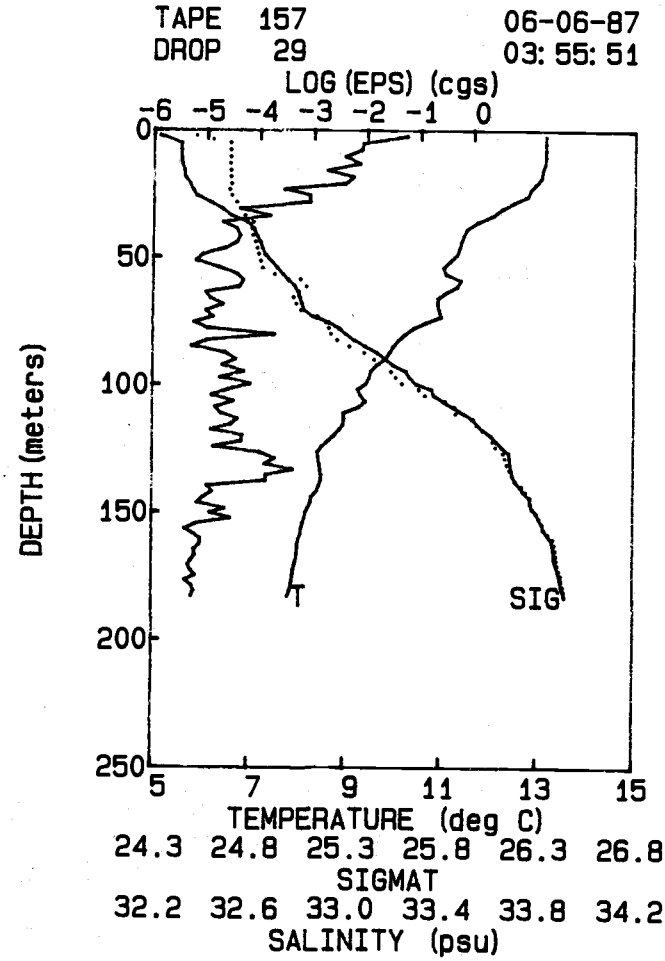
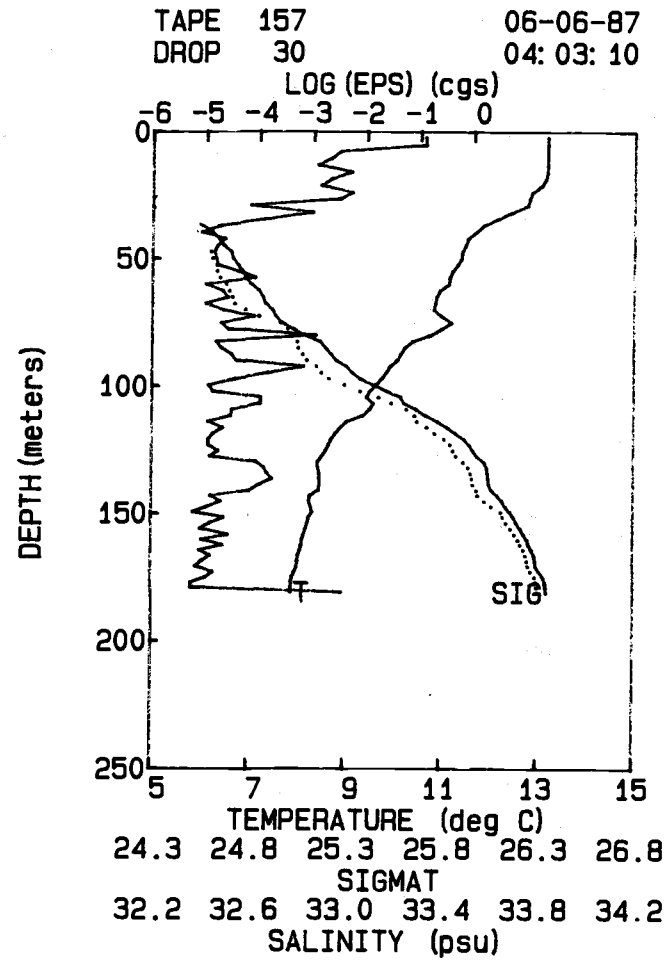
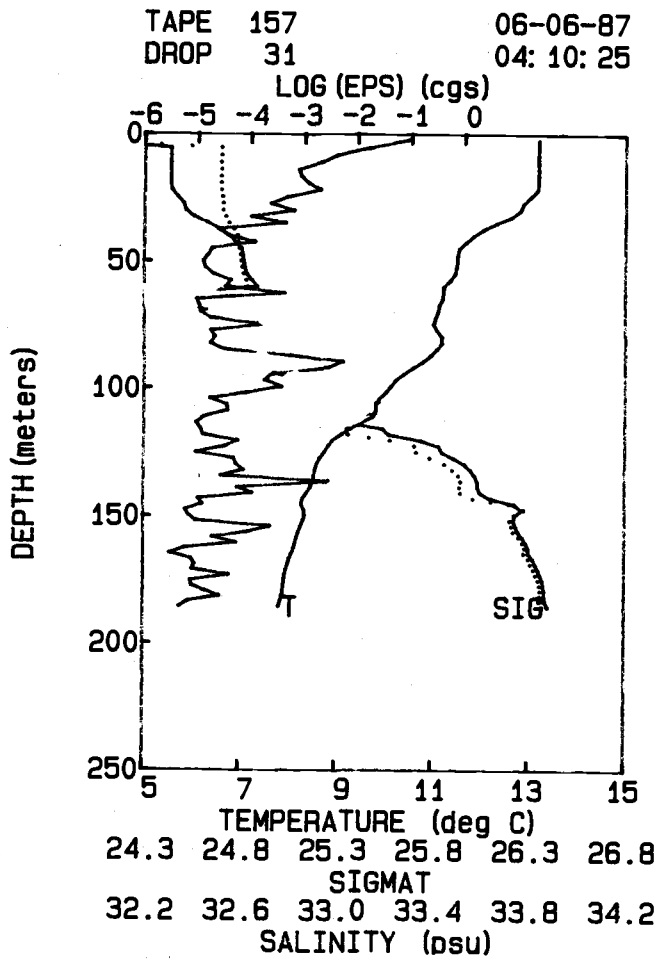
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

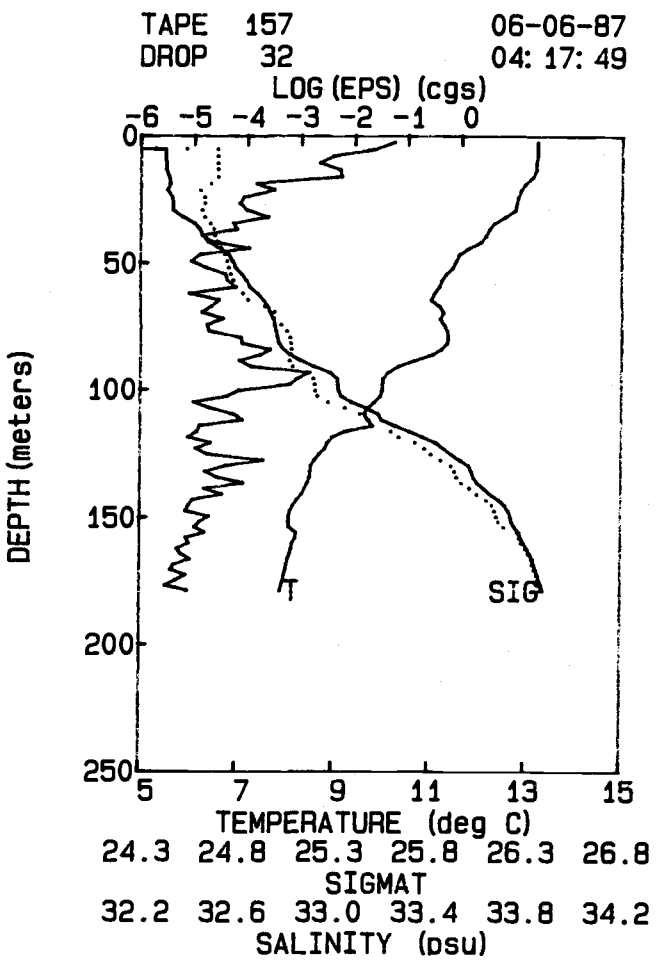

TAPE 157
DROP 27
06-06-87
03: 37: 50
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

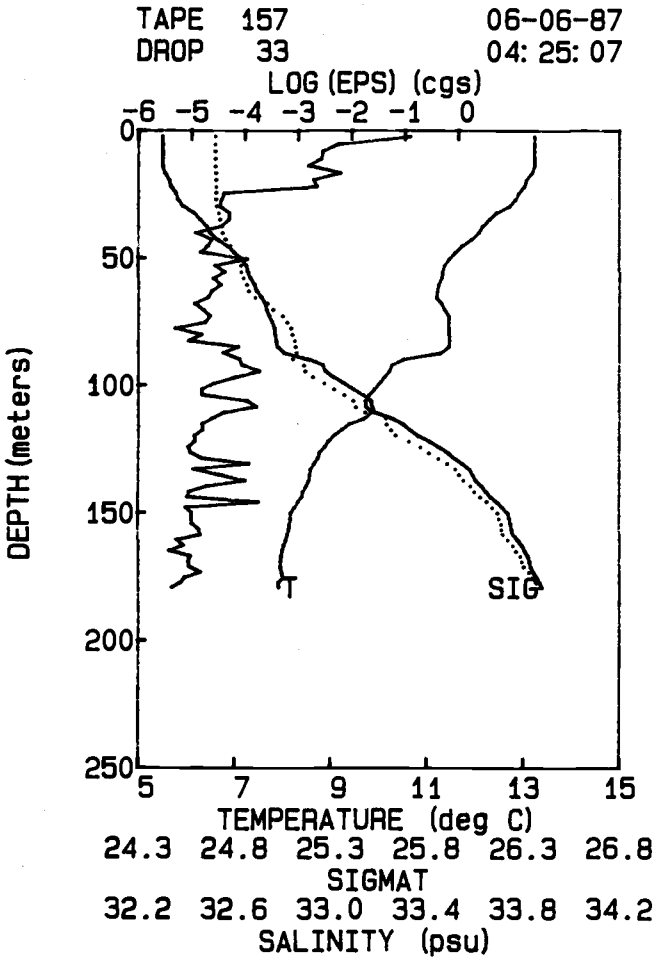

TAPE 157
DROP 28
06-06-87
03: 48: 04
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

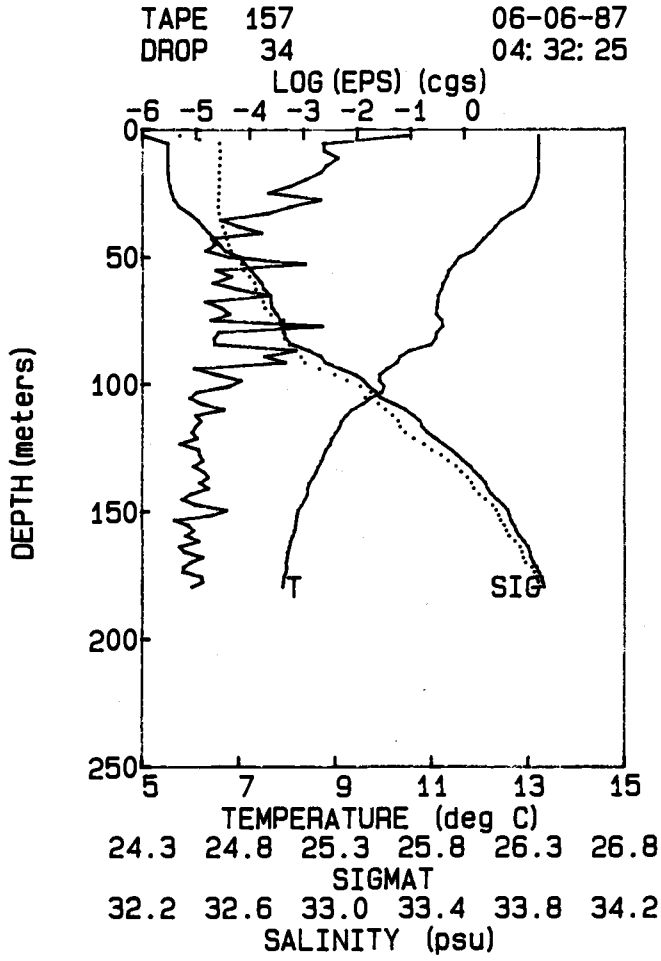

TAPE 157
DROP 29
06-06-87
03: 55: 51
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

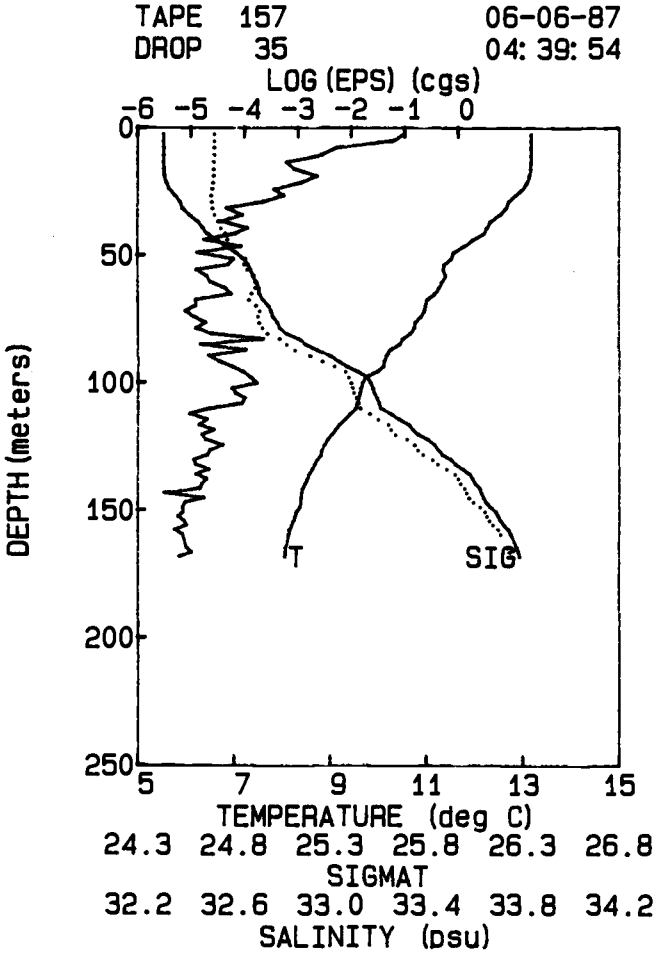

TAPE 157
DROP 30
06-06-87
04: 03: 10
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

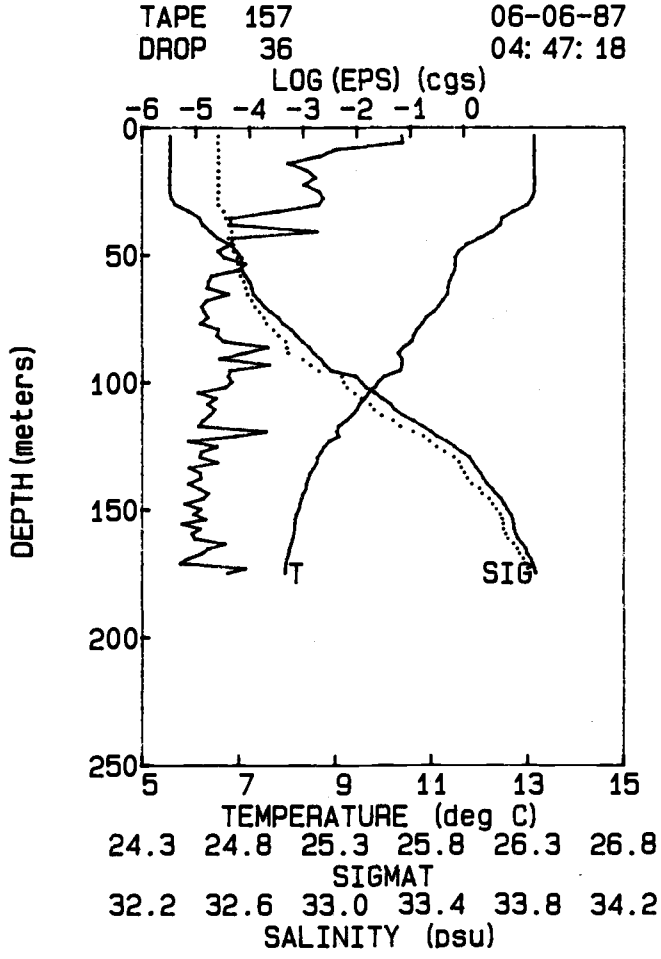

TAPE 157
DROP 31
06-06-87
04: 10: 25
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

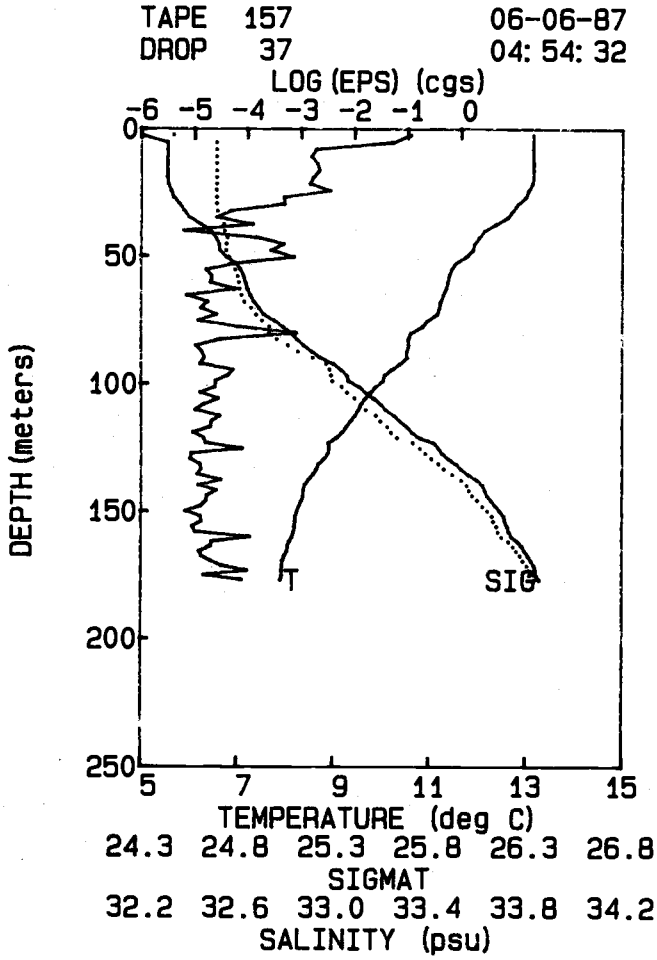

TAPE 157
DROP 32
06-06-87
04: 17: 49
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 157
DROP 33
06-06-87
04: 25: 07
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 157
DROP 34
06-06-87
04: 32: 25
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 157
DROP 35
06-06-87
04: 39: 54
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 157
DROP 36
06-06-87
04: 47: 18
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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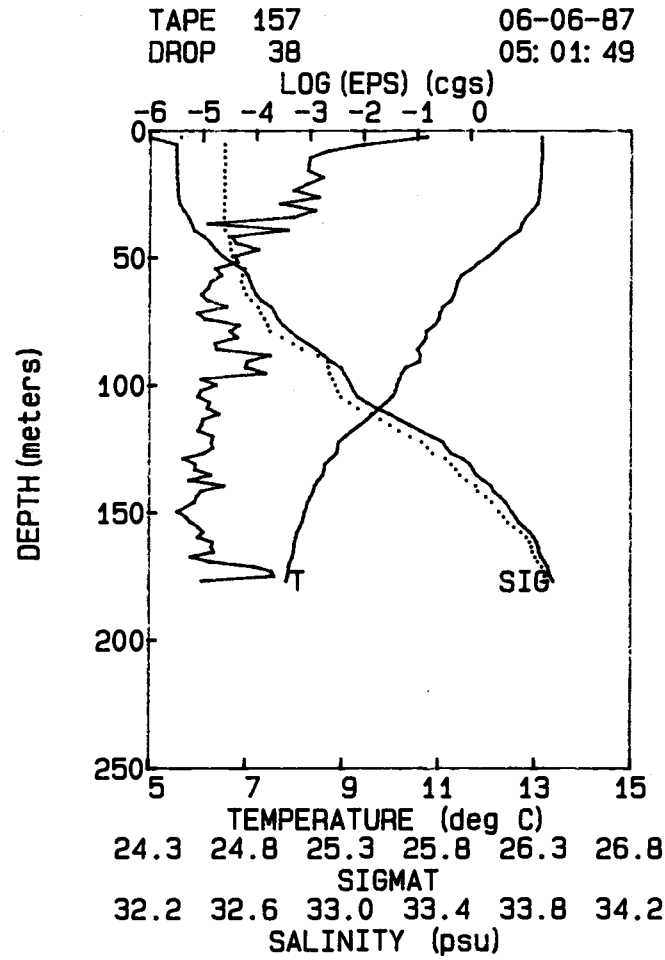
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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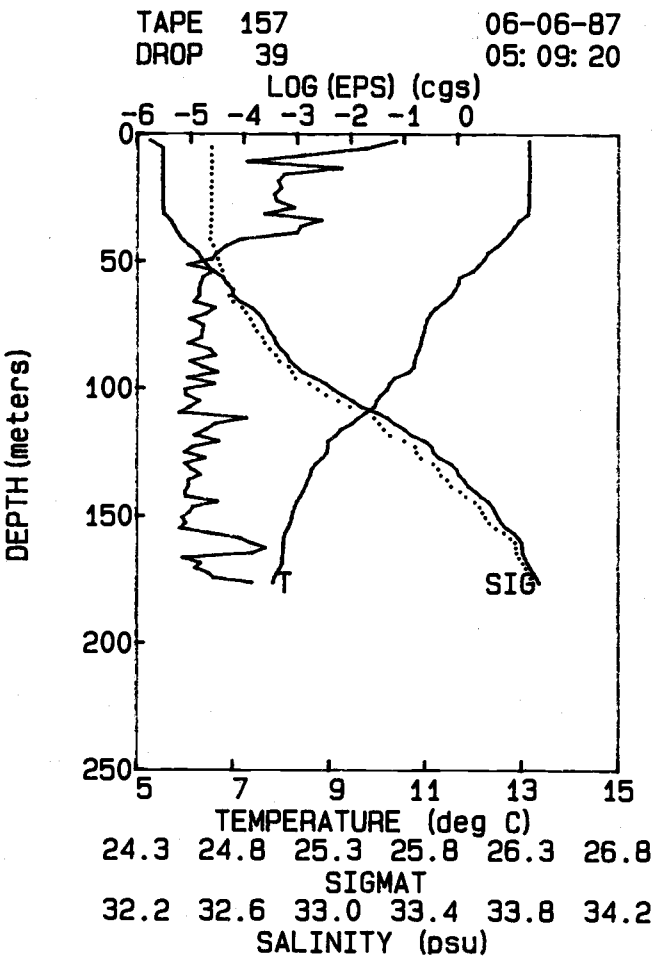
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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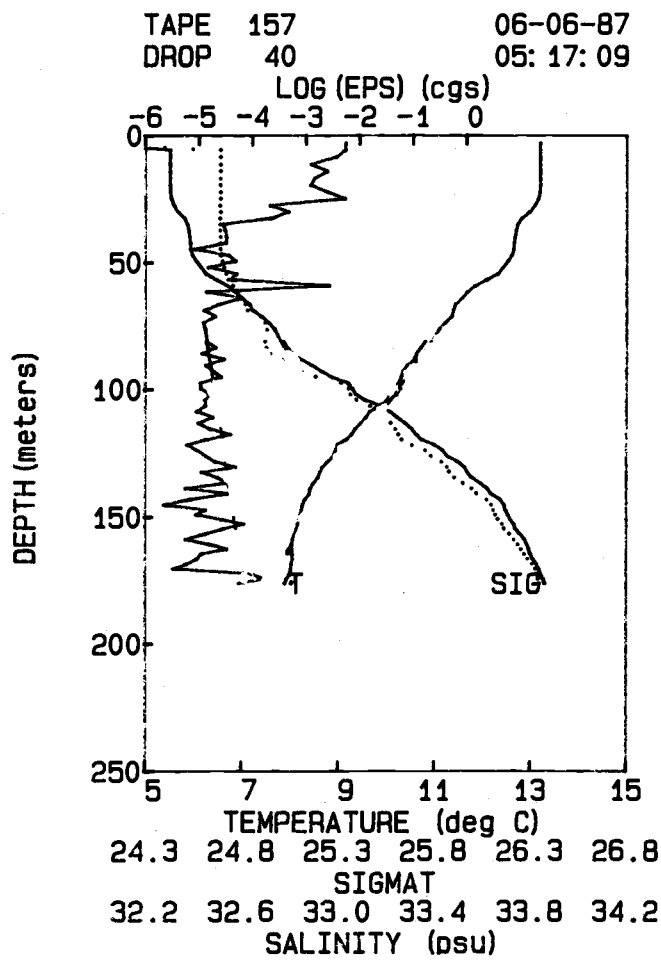
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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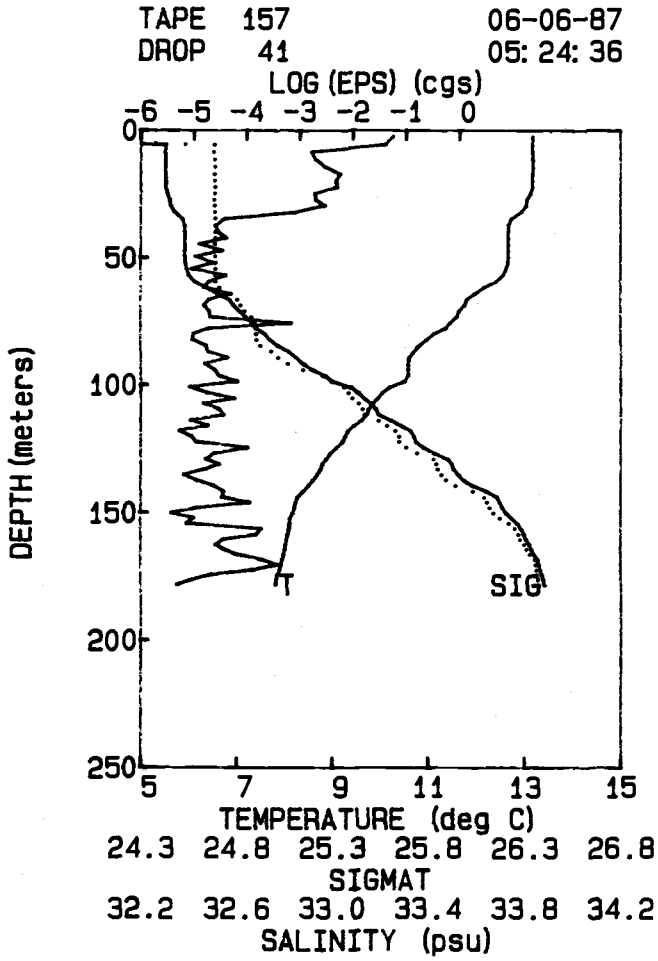
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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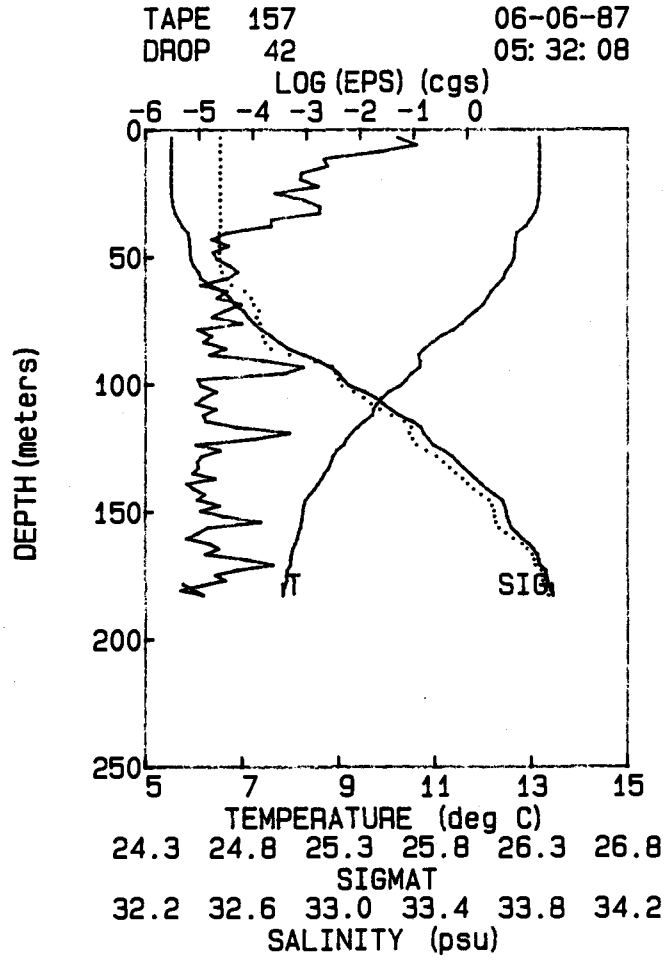
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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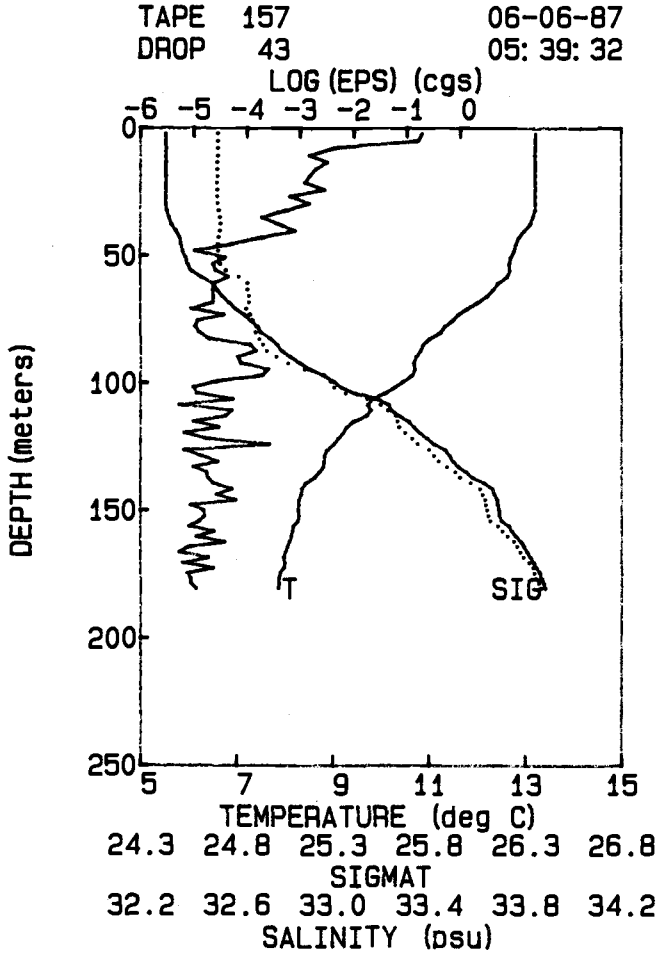
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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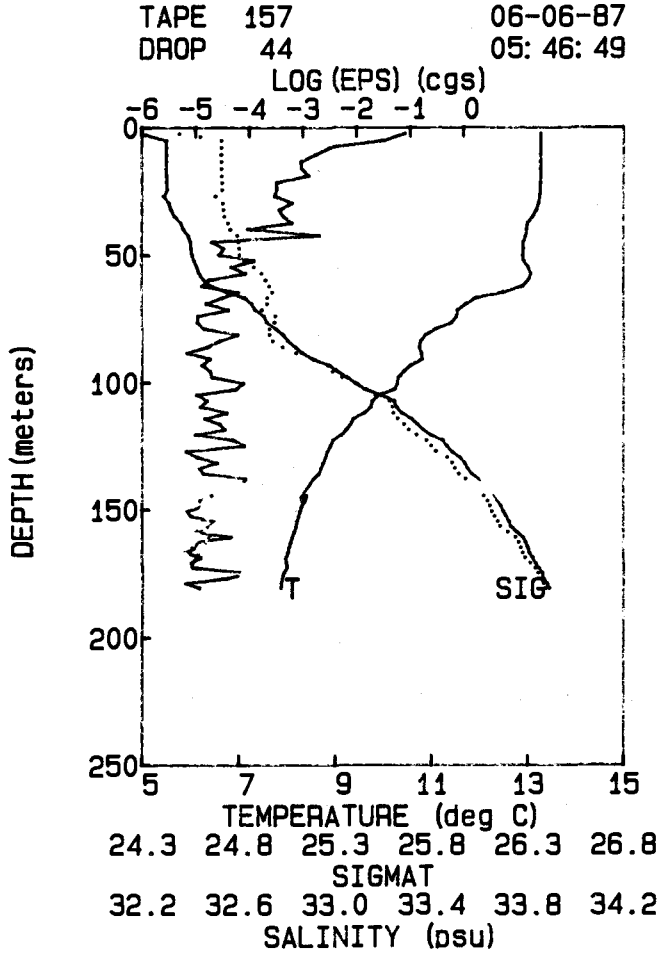
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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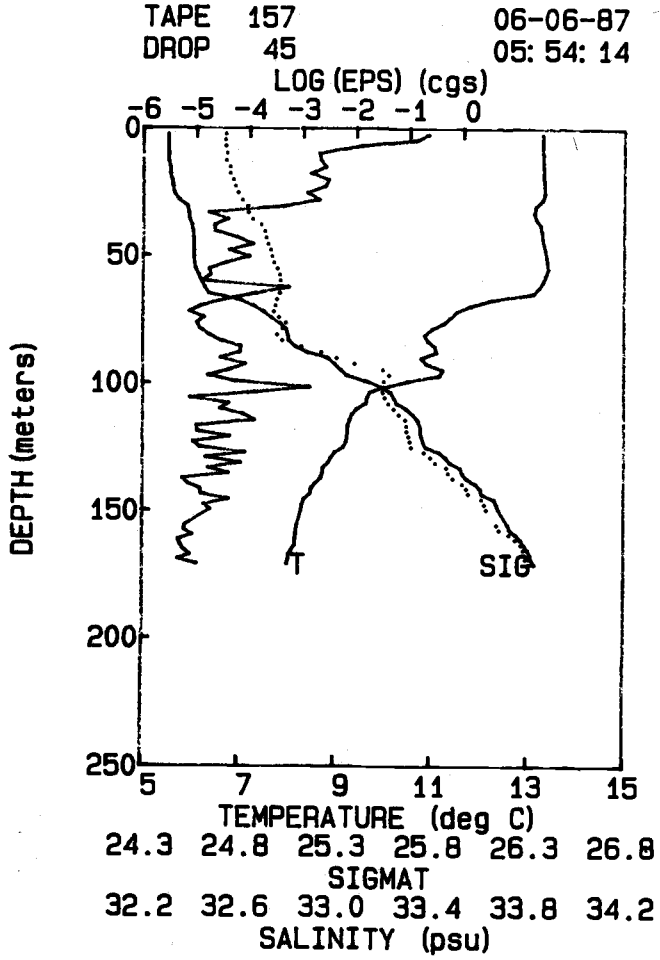
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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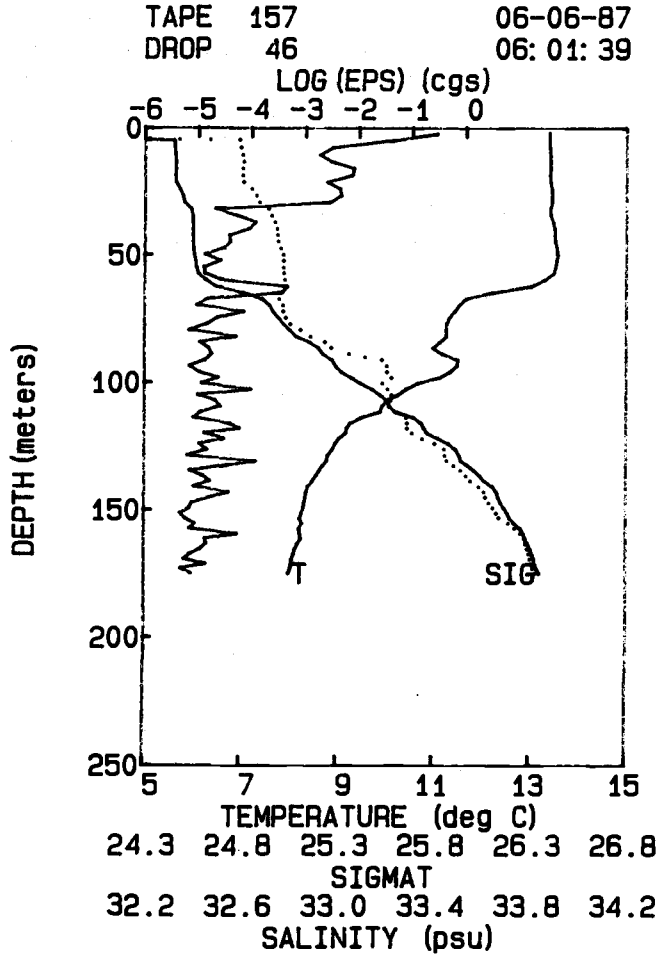
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
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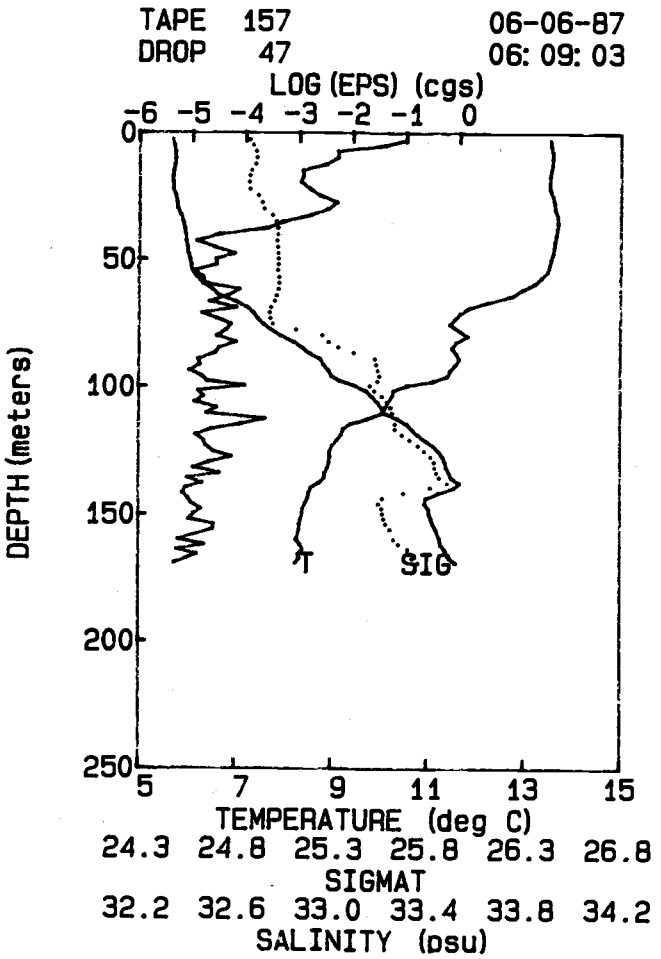
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 47
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DEPTH (meters)
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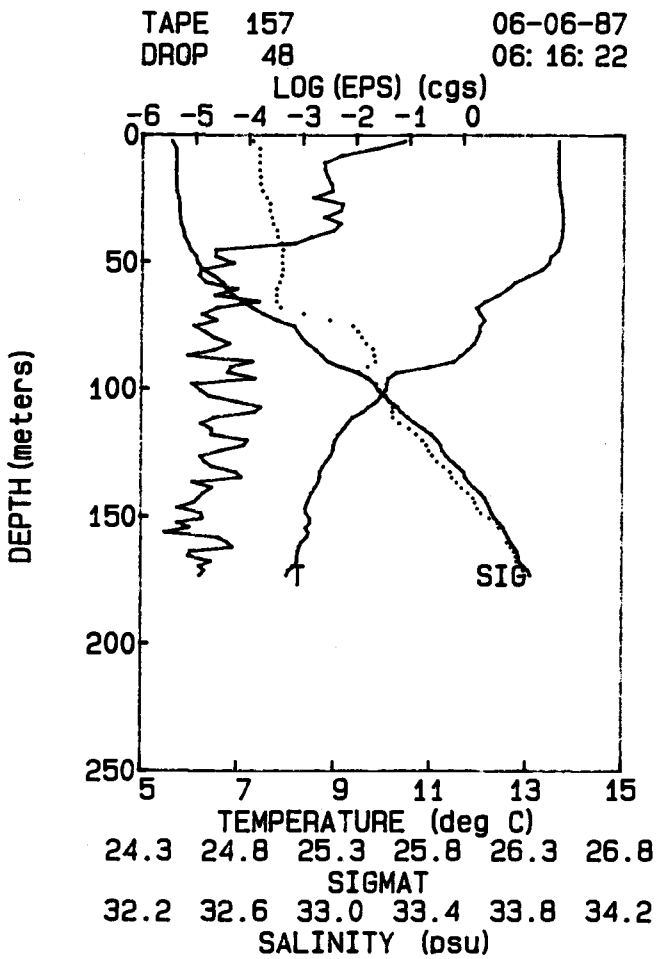
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 48
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LOG (EPS) (cgs)
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DEPTH (meters)
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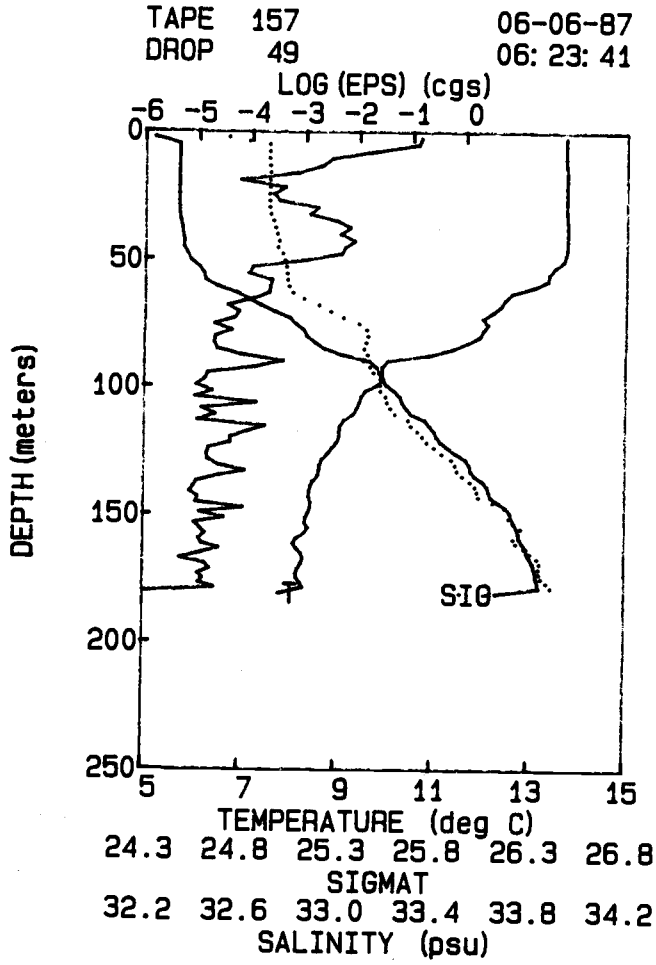
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 49
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LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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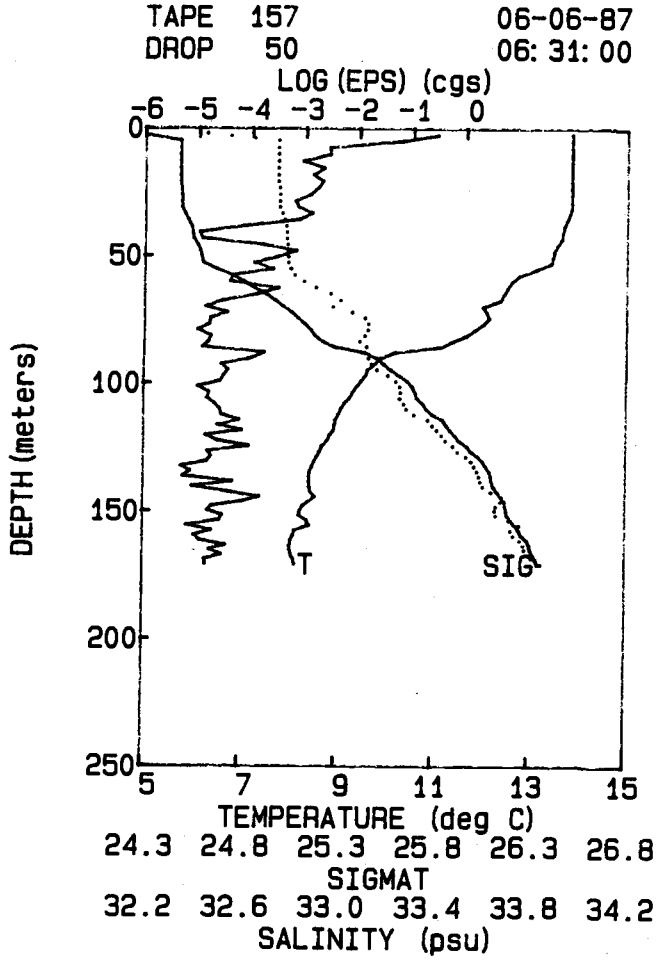
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 50
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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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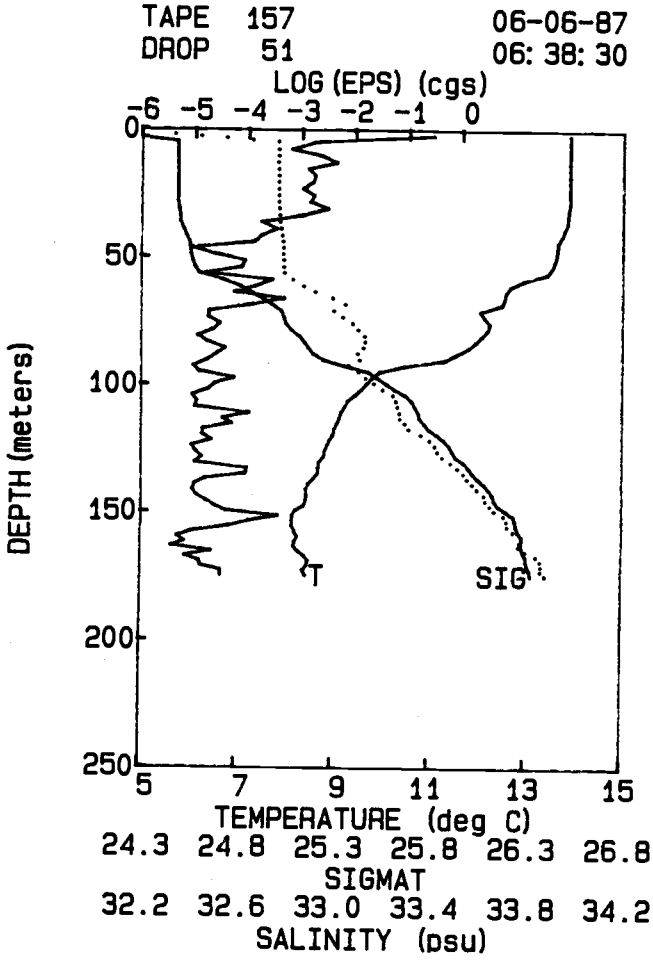
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 51
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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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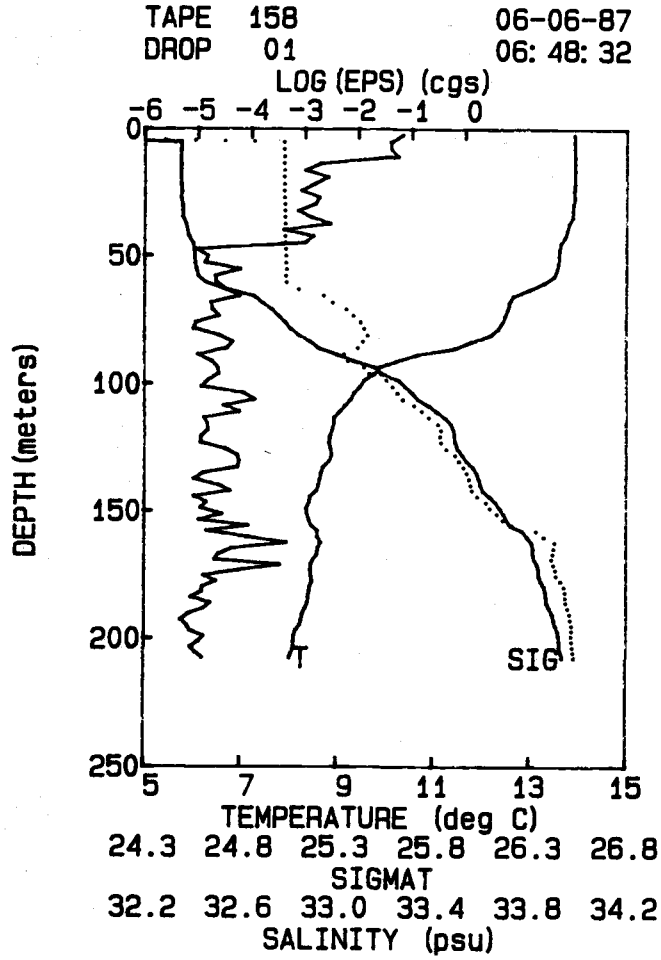
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 01
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LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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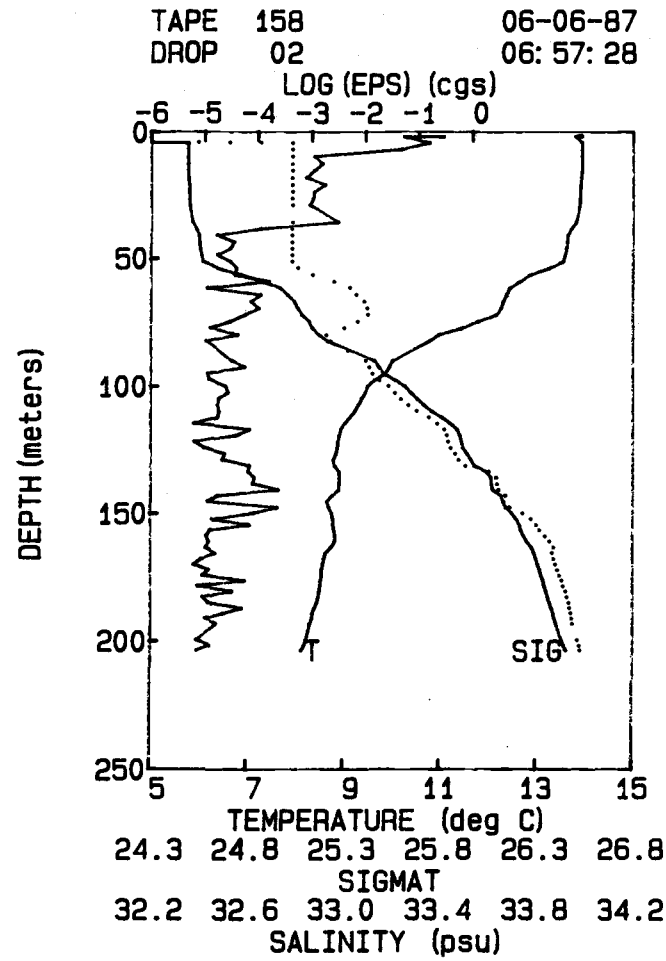
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 02
06-06-87
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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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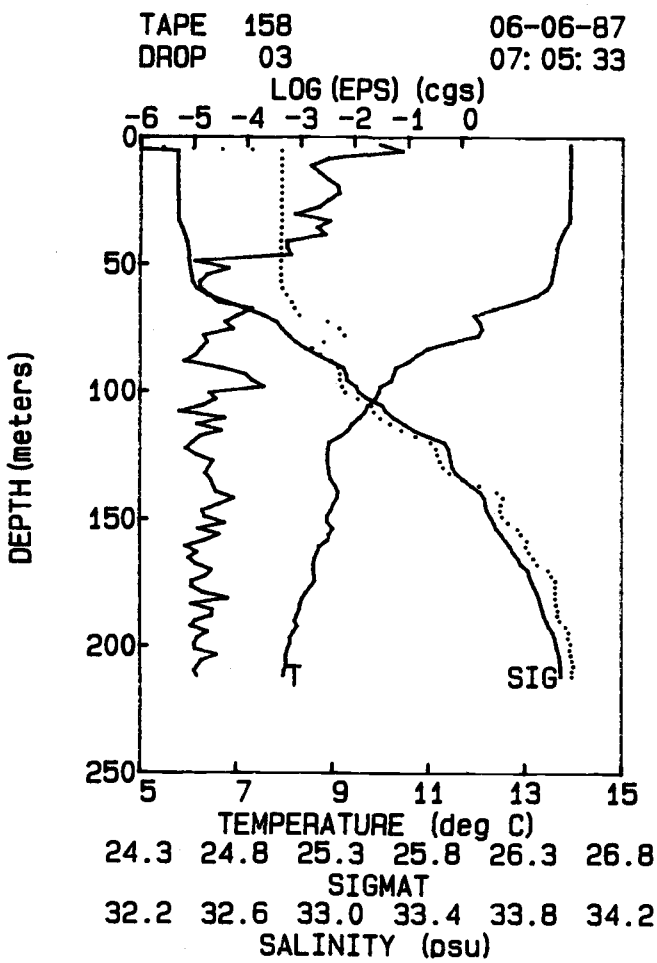
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 03
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DEPTH (meters)
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250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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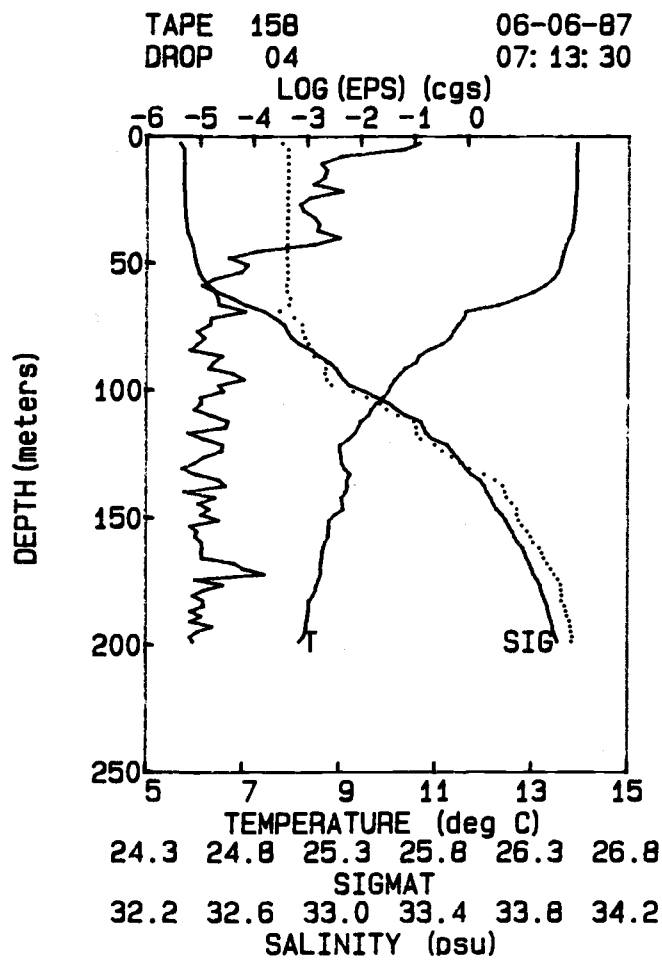
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 04
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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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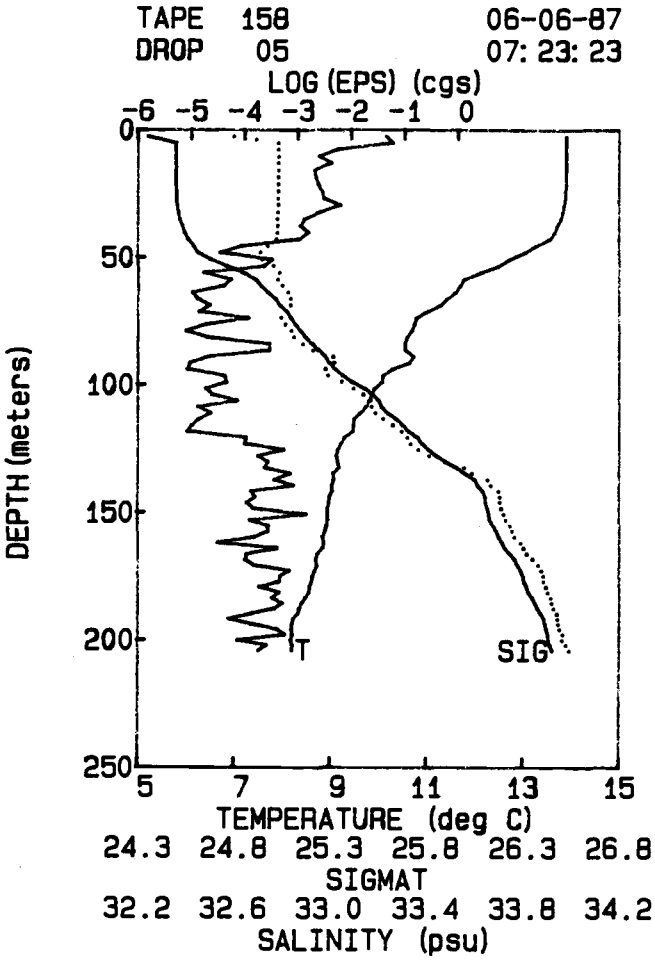
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 05
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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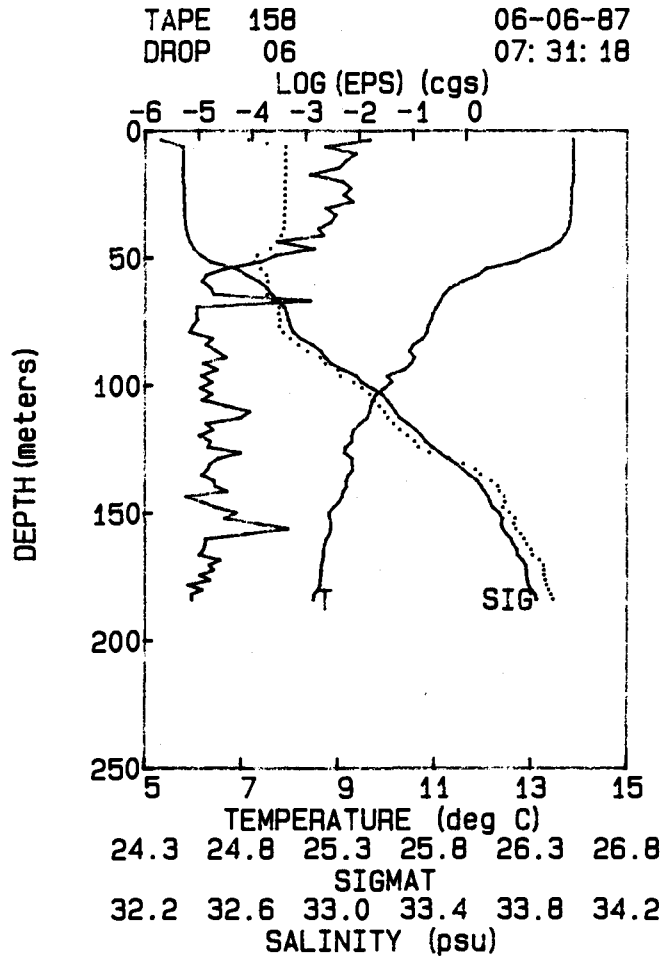
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 06
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200
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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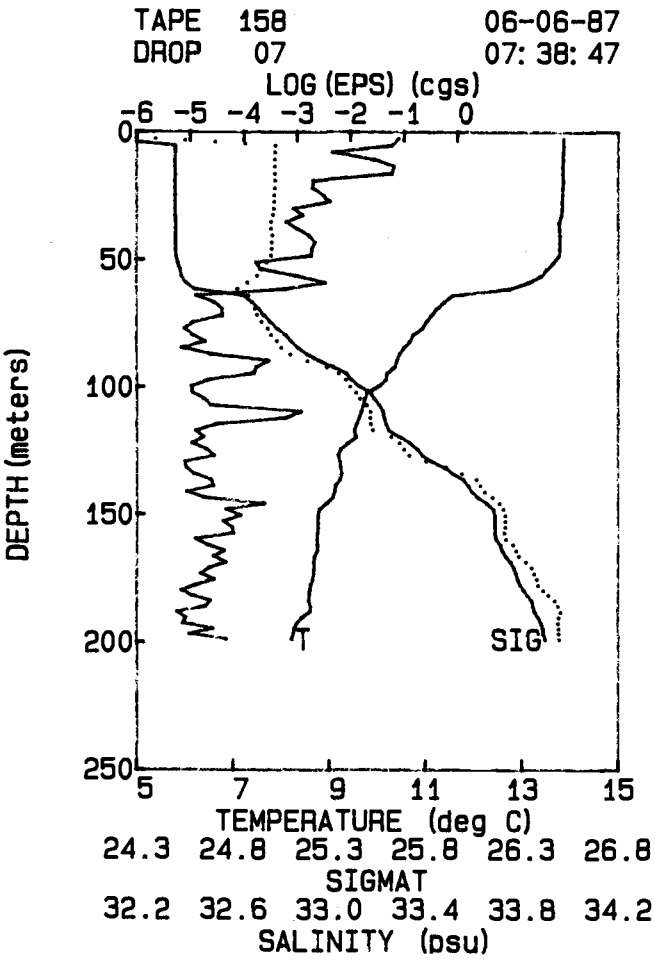
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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200
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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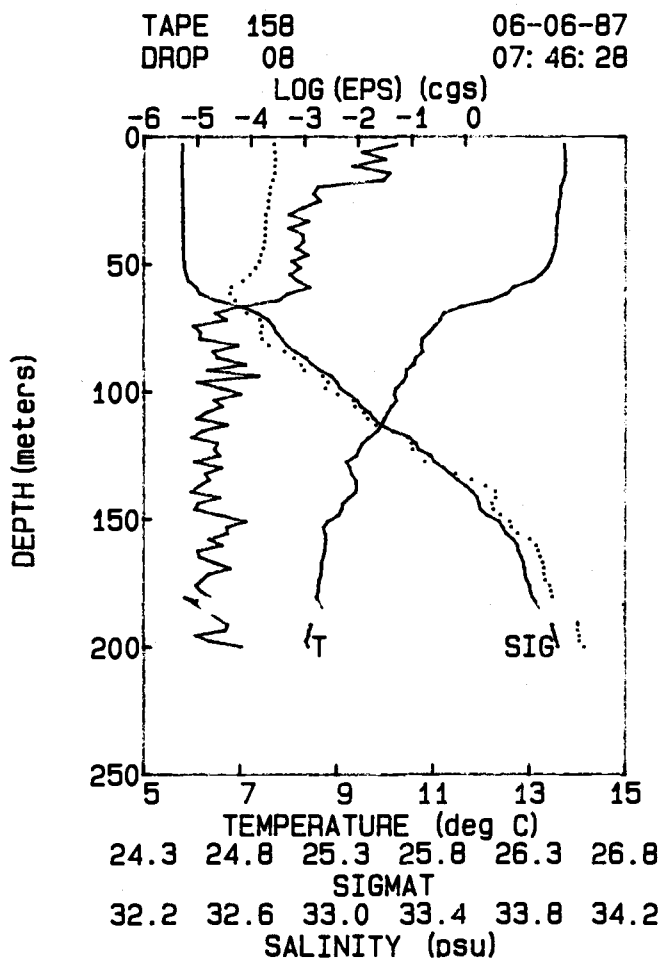
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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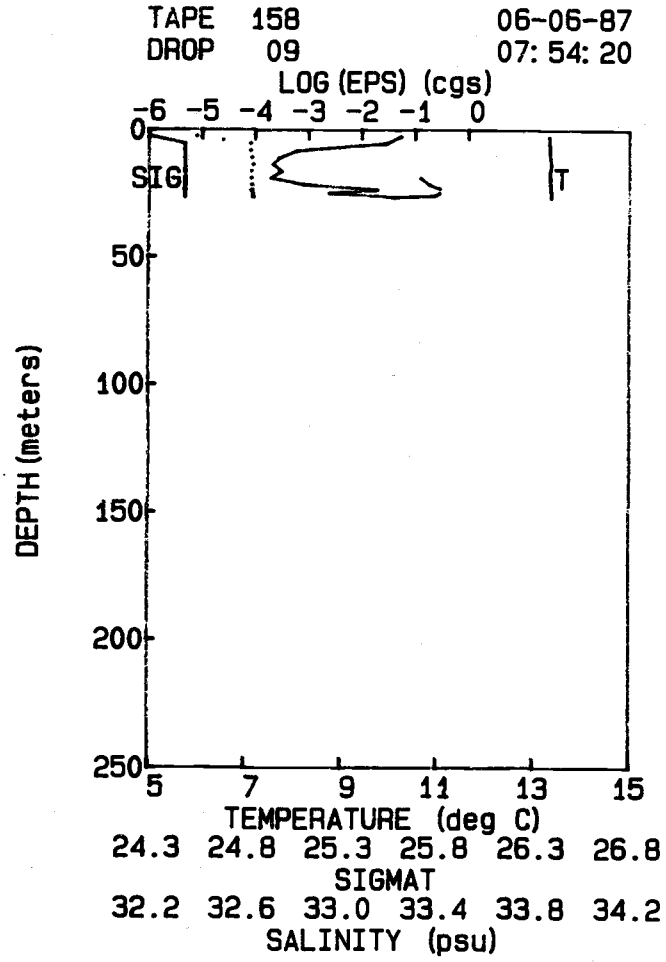
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 09
06-06-87
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LOG (EPS) (cgs)
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SIG
T
DEPTH (meters)
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100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
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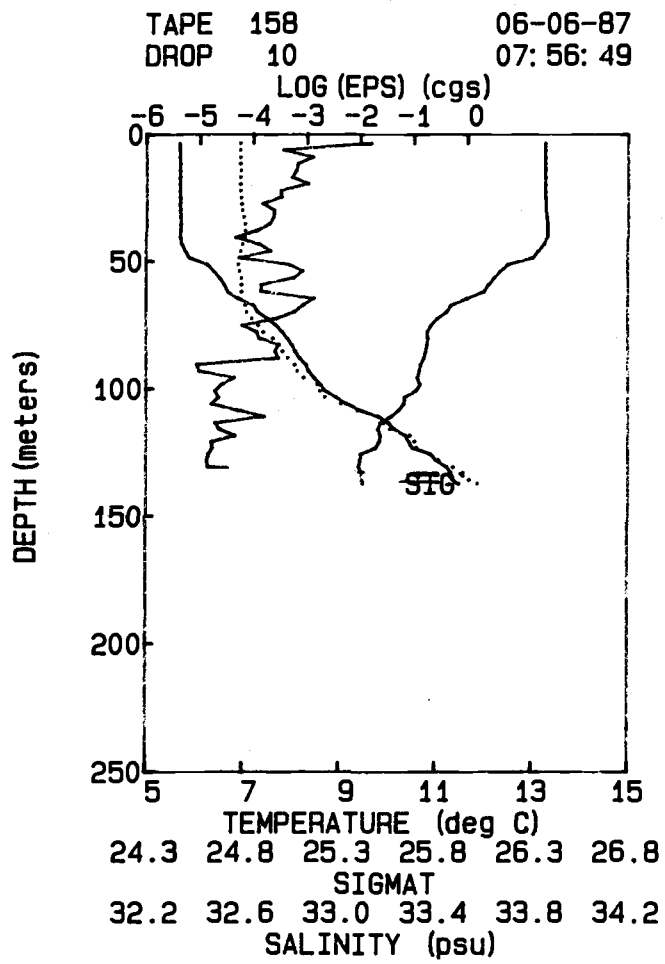
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
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LOG (EPS) (cgs)
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SIG
DEPTH (meters)
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250
5 7 9 11 13 15
TEMPERATURE (deg C)
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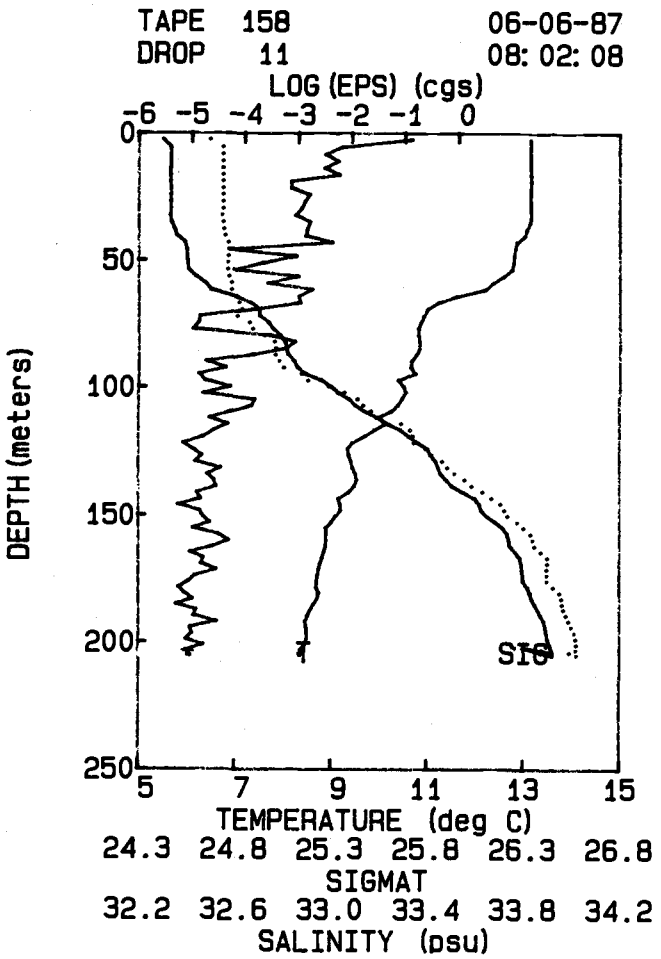
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
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06-06-87
08: 02: 08
LOG (EPS) (cgs)
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T
SIG
DEPTH (meters)
0
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100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
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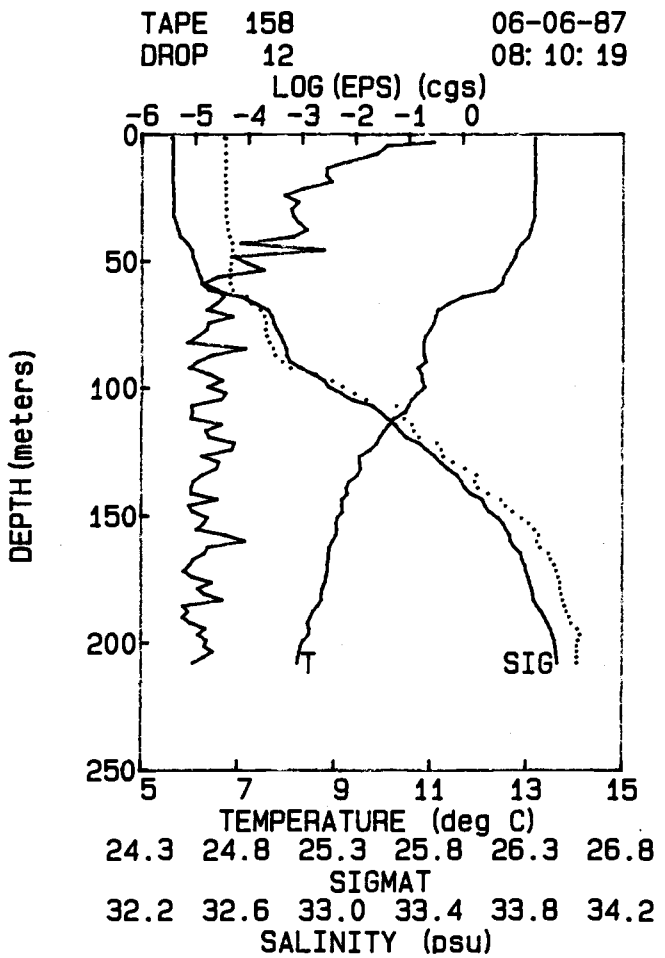
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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SIG
DEPTH (meters)
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100
150
200
250
5 7 9 11 13 15
TEMPERATURE (deg C)
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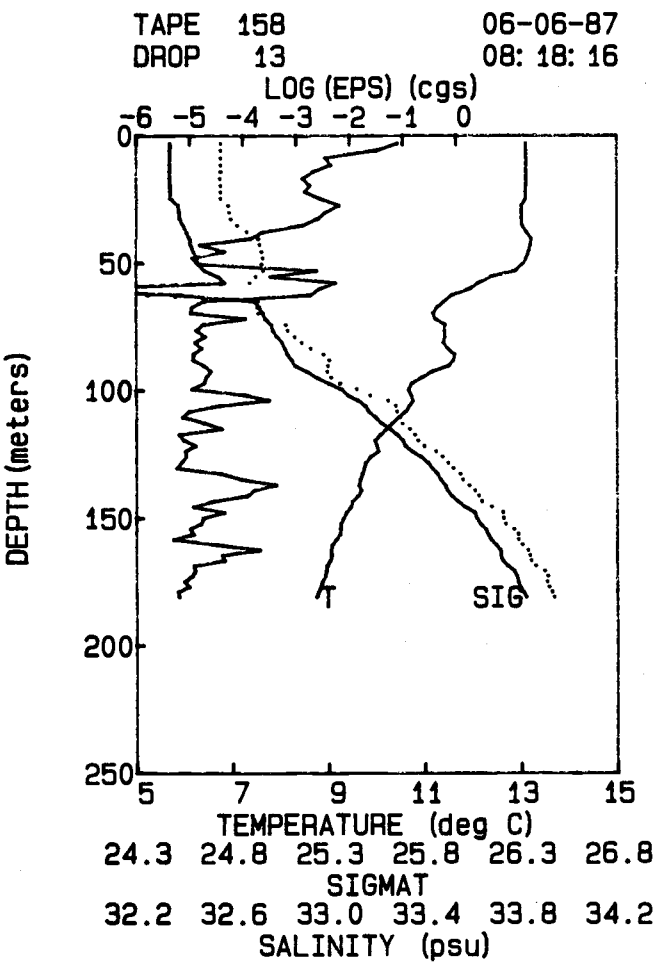
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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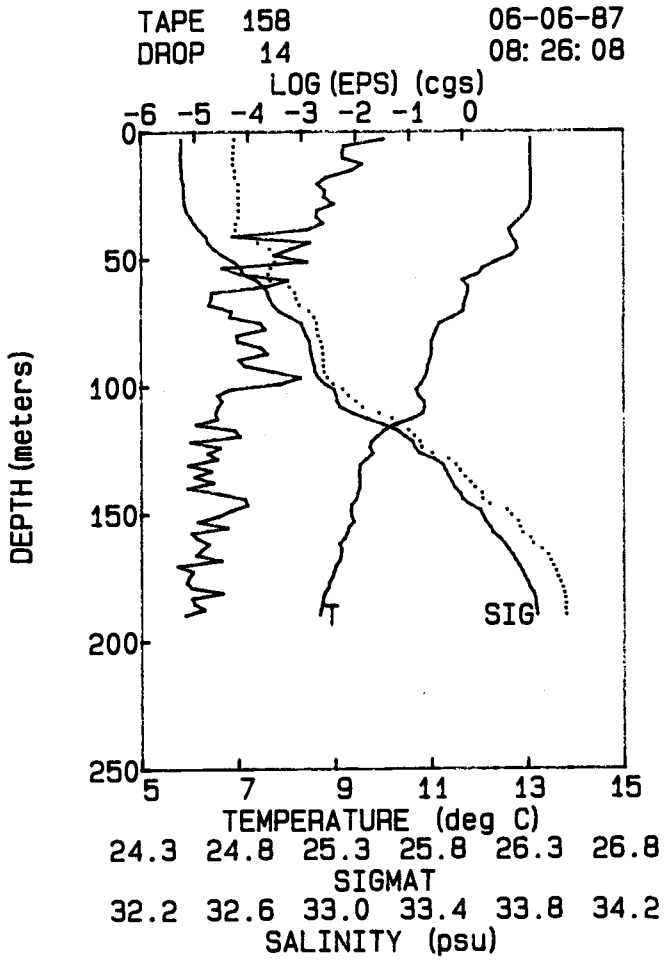
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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06-06-87
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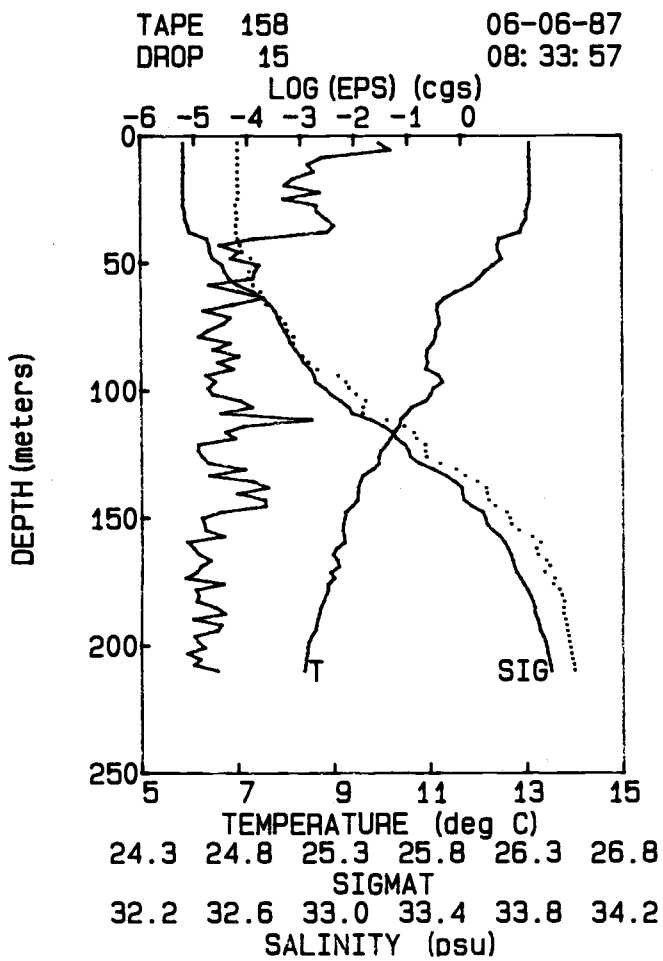
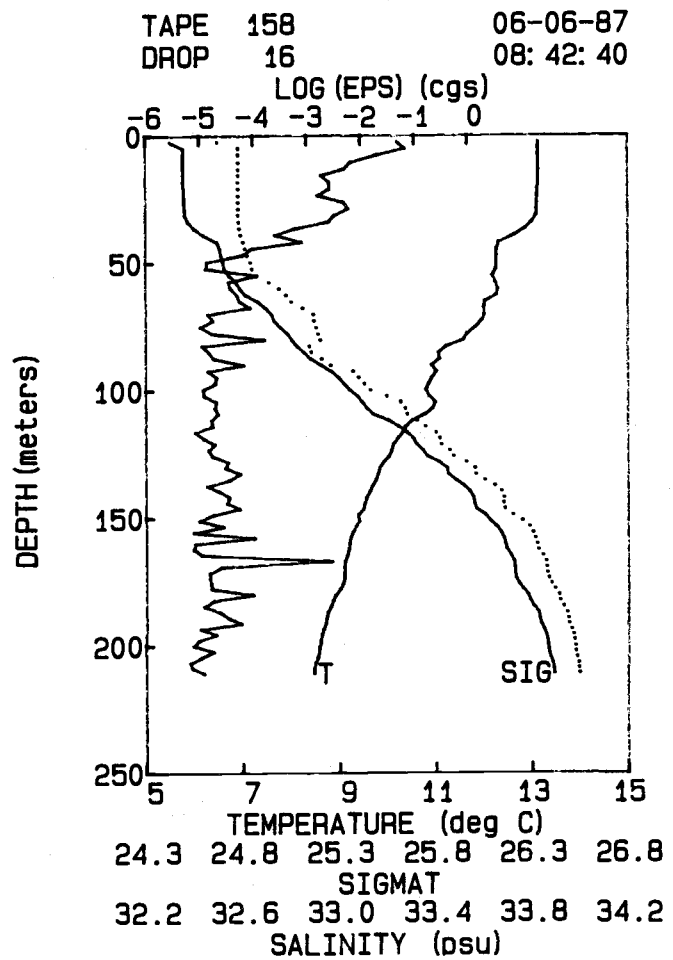
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 15
06-06-87
08: 33: 57
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 16
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DEPTH (meters)
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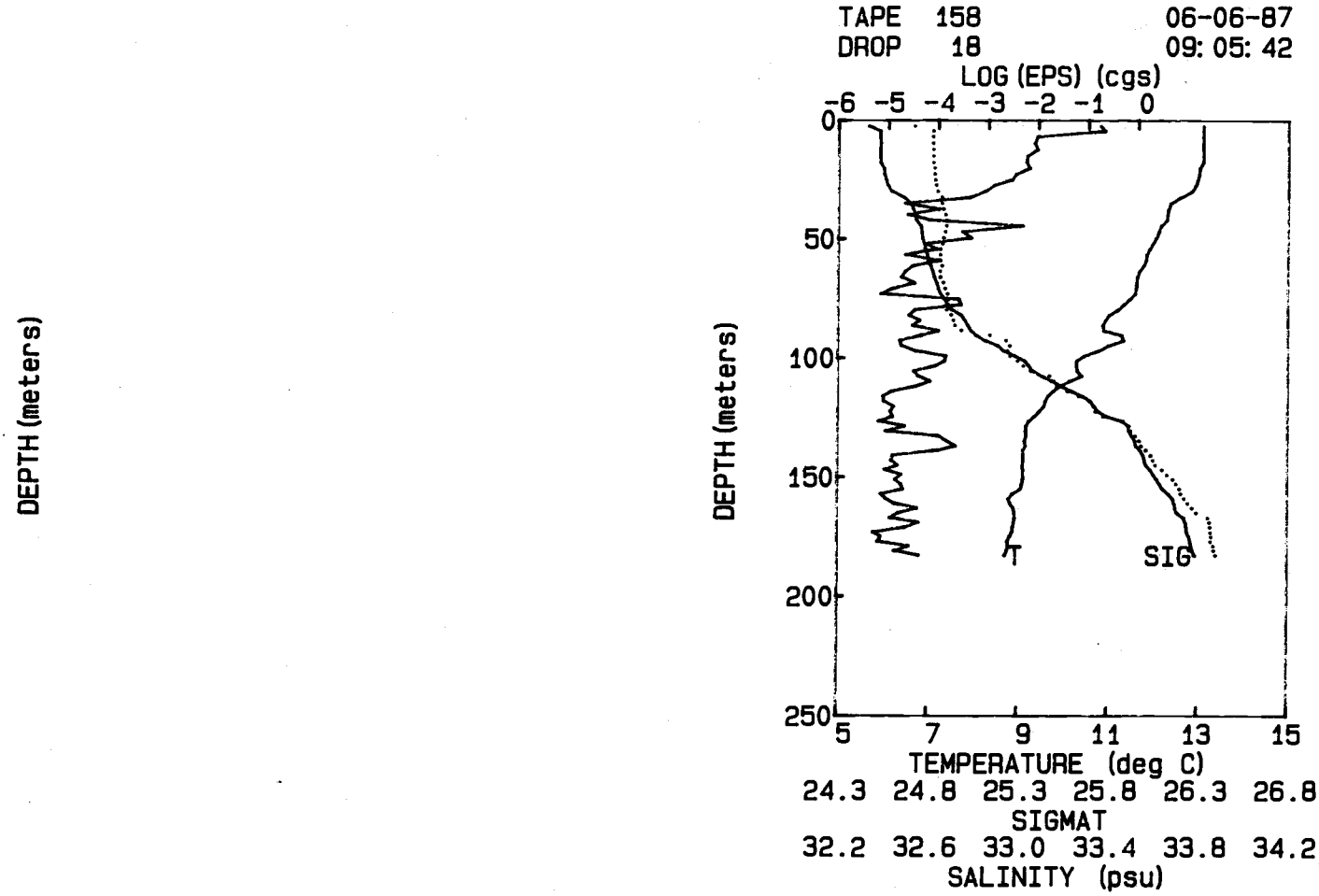
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 18
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LOG (EPS) (cgs)
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DEPTH (meters)
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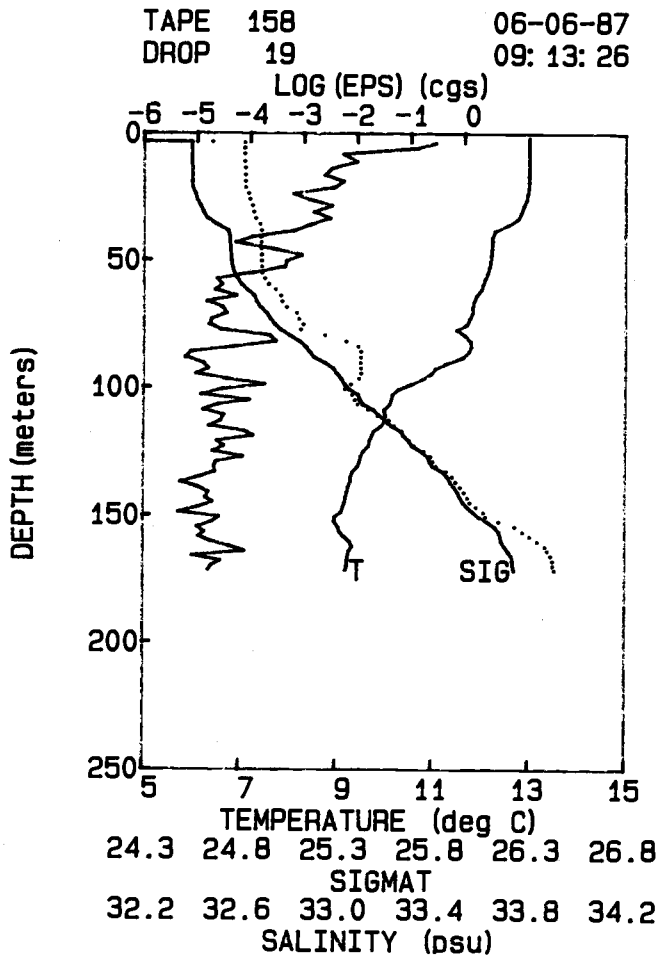
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 19
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DEPTH (meters)
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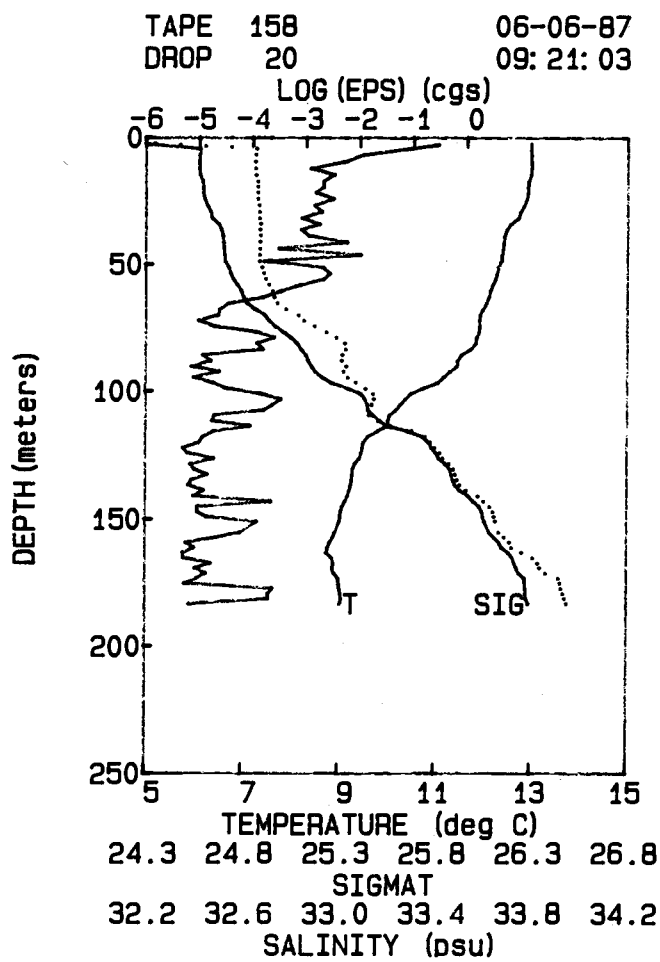
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 20
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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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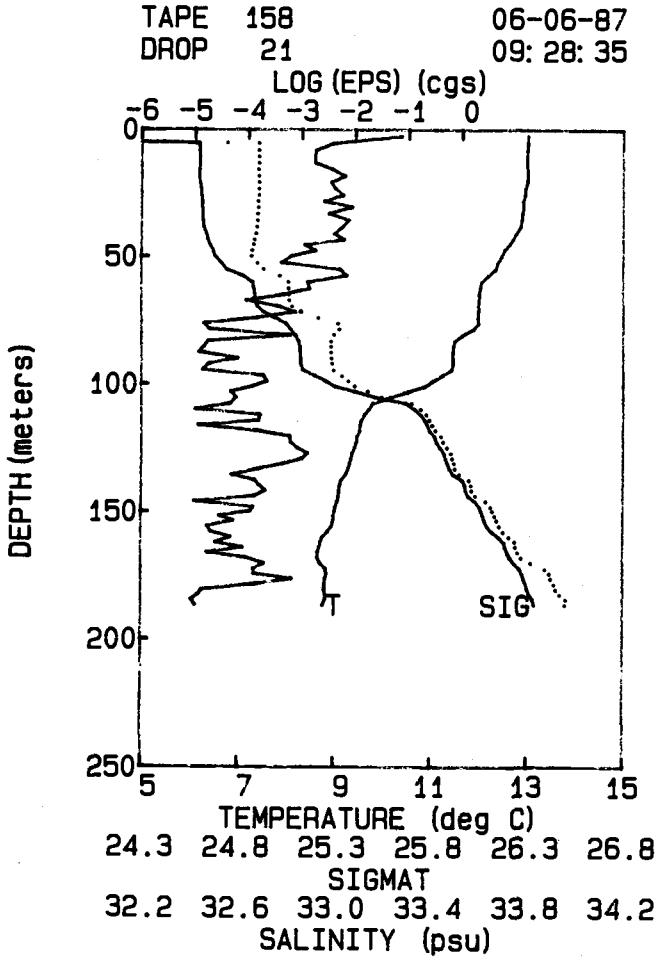
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 21
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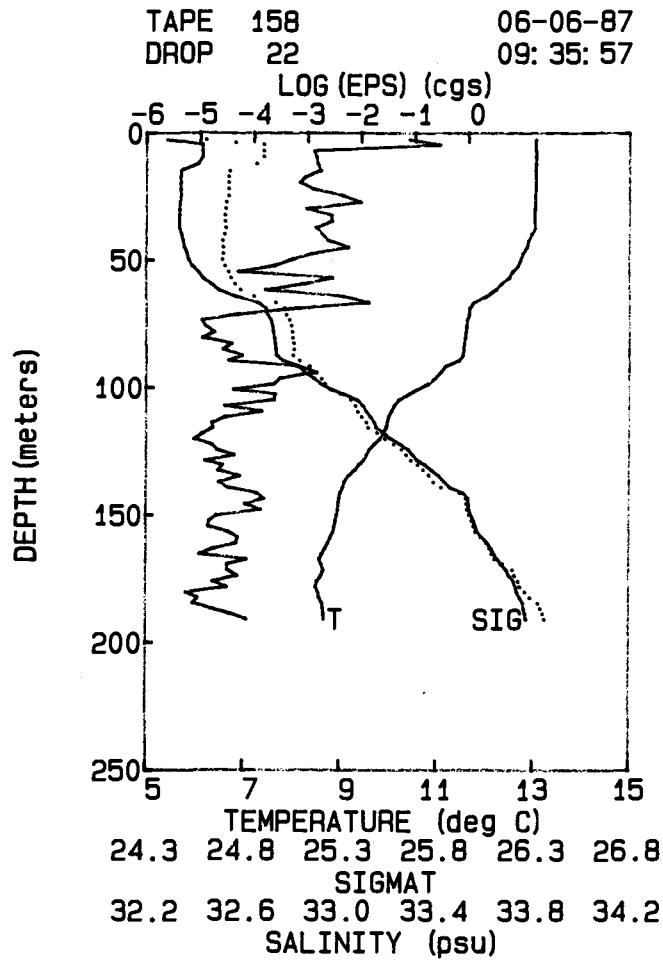
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 22
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09: 35: 57
LOG (EPS) (cgs)
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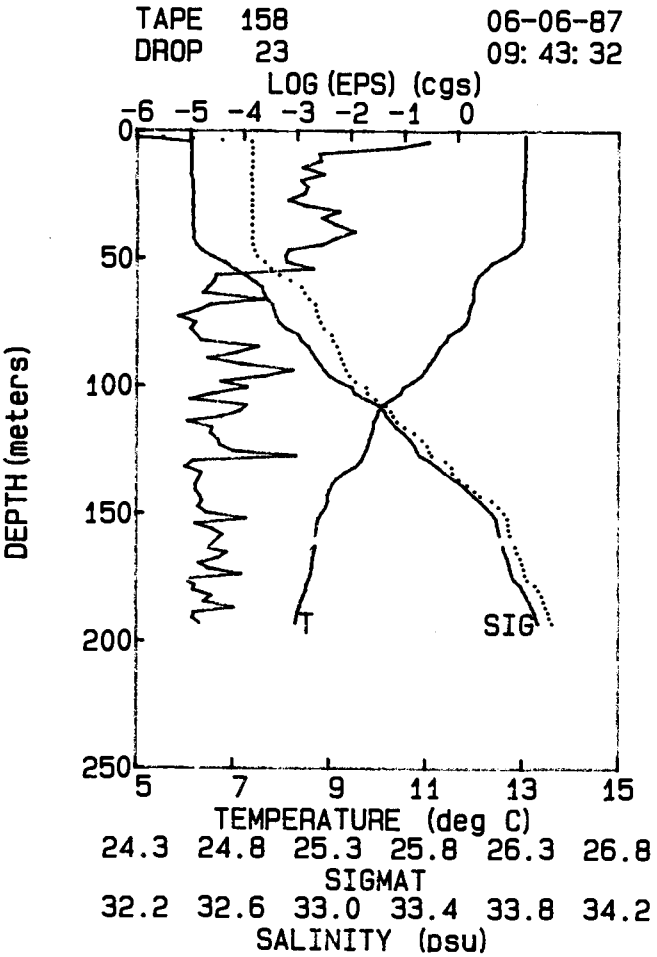
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 23
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09: 43: 32
LOG (EPS) (cgs)
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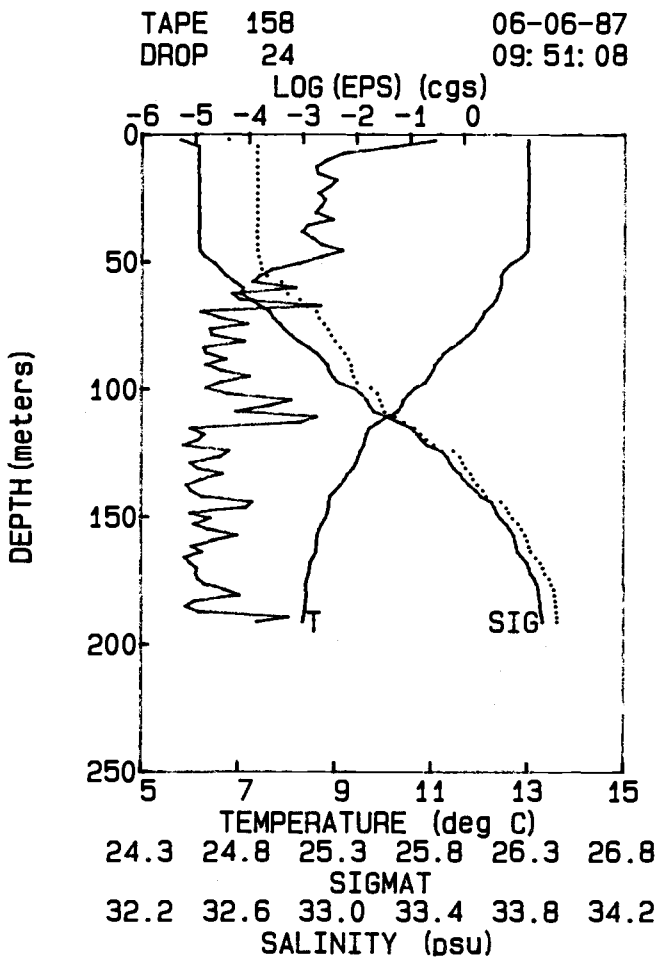
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 24
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09: 51: 08
LOG (EPS) (cgs)
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DEPTH (meters)
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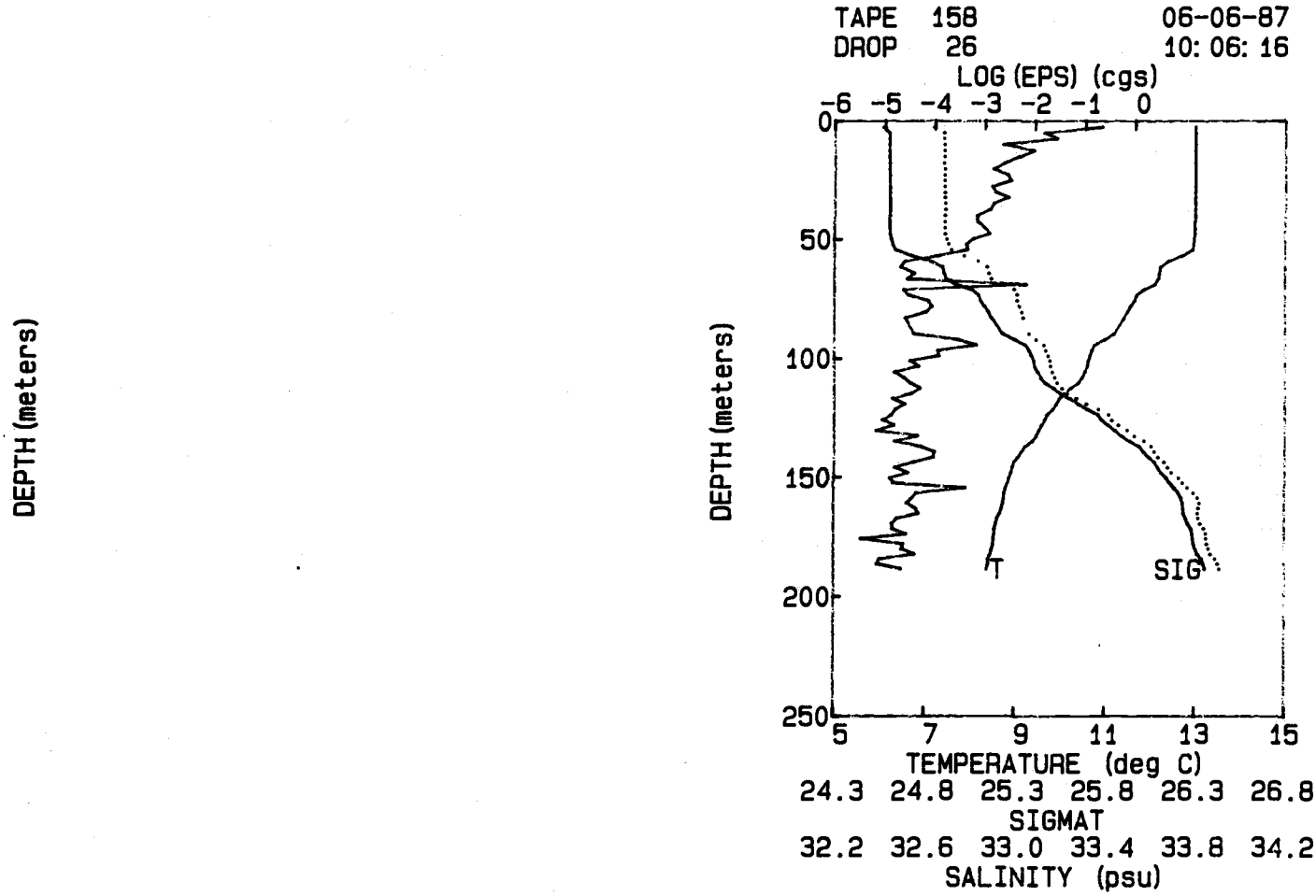
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 26
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LOG (EPS) (cgs)
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DEPTH (meters)
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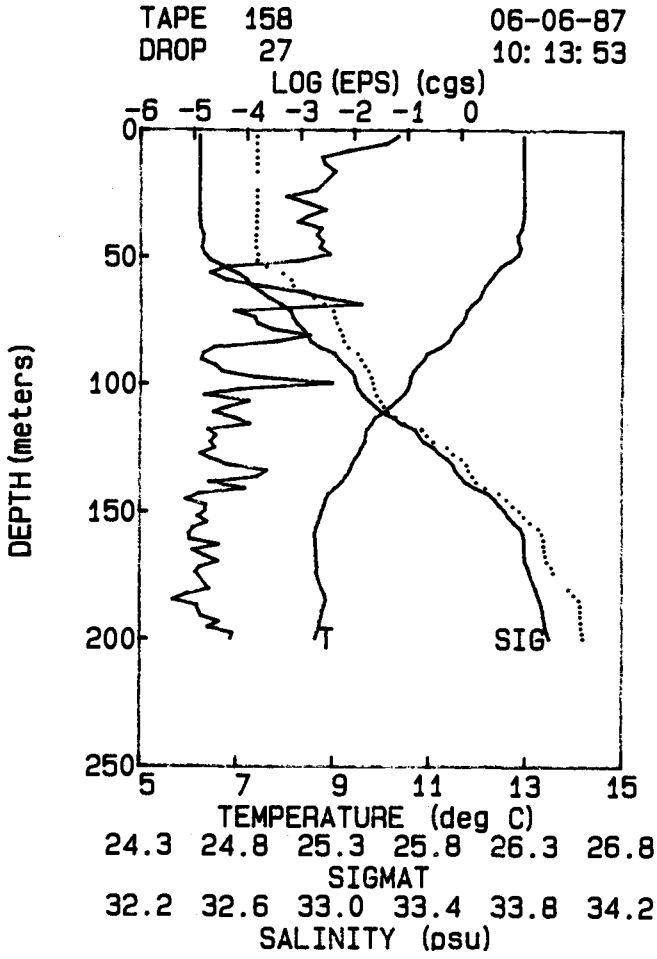
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 27
06-06-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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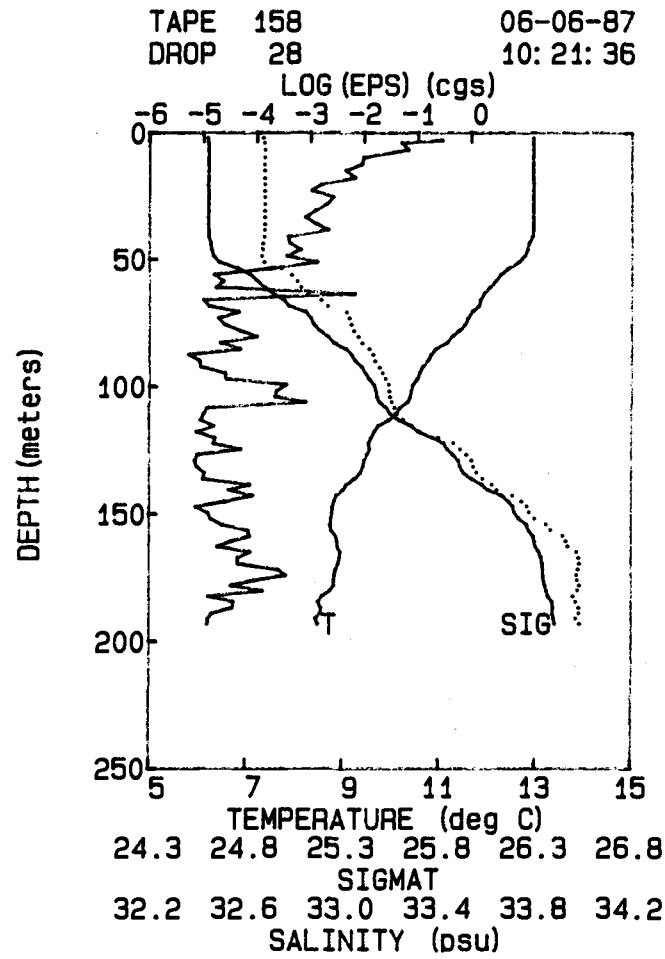
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 28
06-06-87
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LOG (EPS) (cgs)
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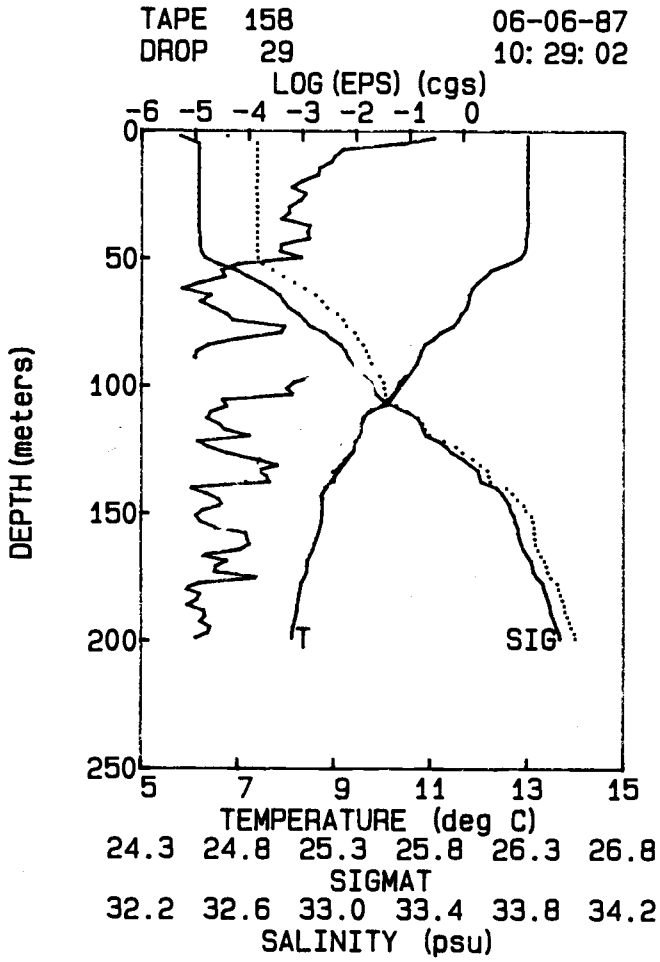
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 29
06-06-87
10: 29: 02
LOG (EPS) (cgs)
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DEPTH (meters)
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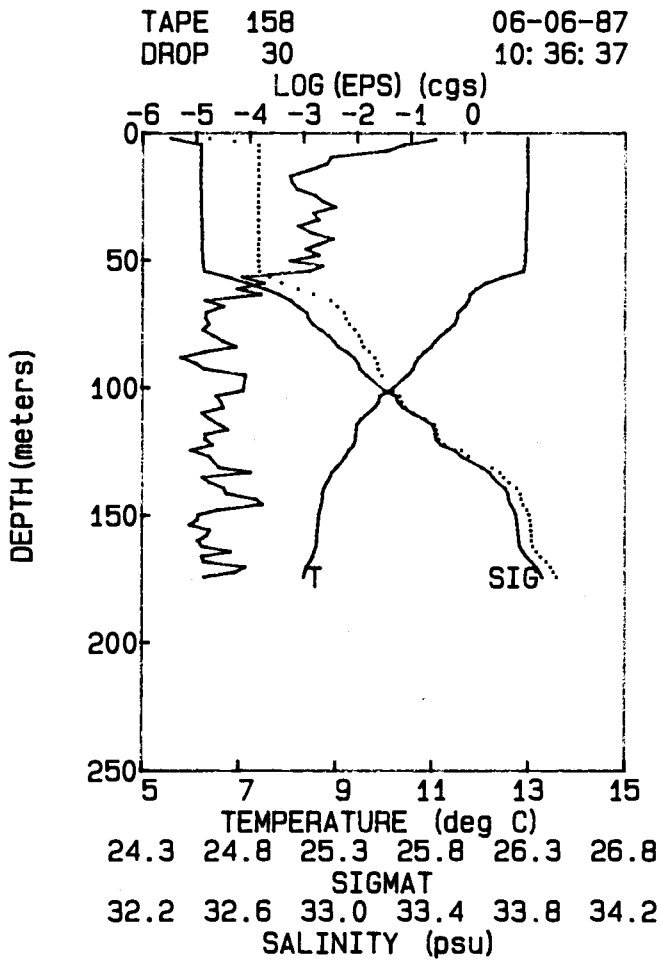
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 30
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10: 36: 37
LOG (EPS) (cgs)
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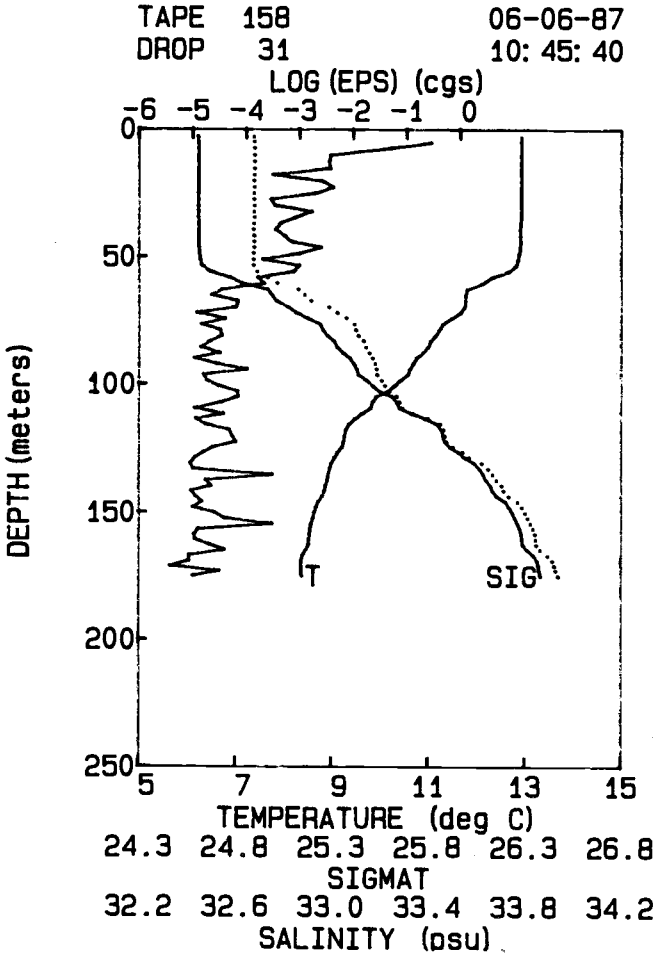
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 31
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DEPTH (meters)
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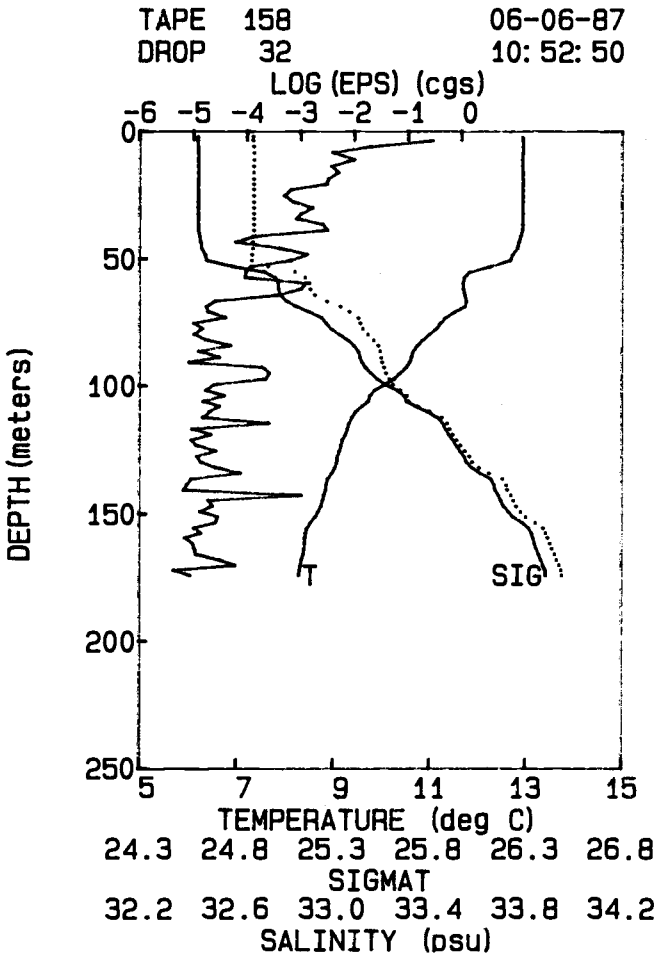
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 32
06-06-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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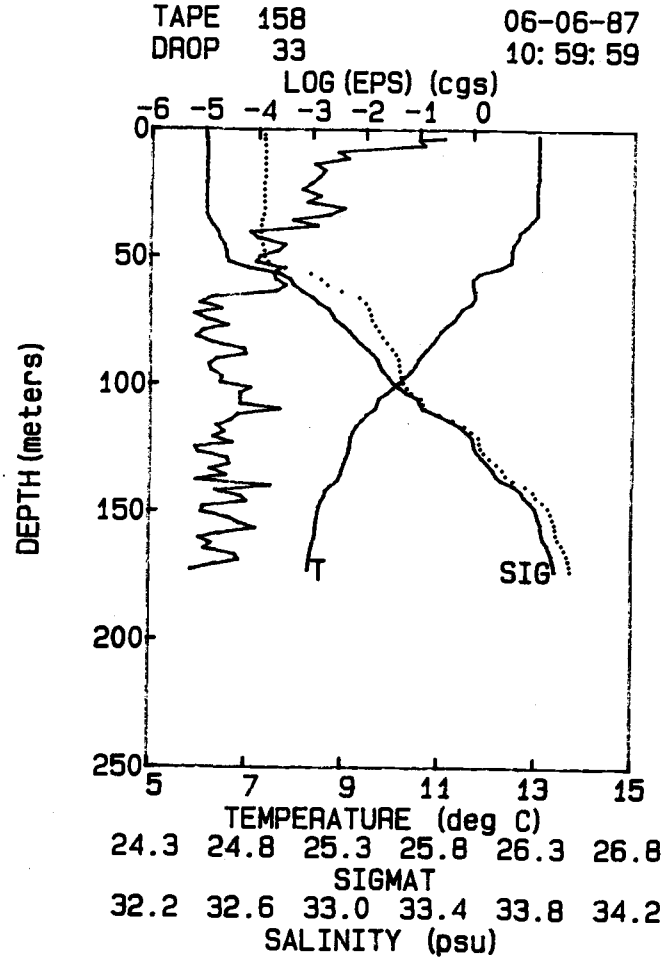
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 33
06-06-87
10: 59: 59
LOG (EPS) (cgs)
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DEPTH (meters)
0
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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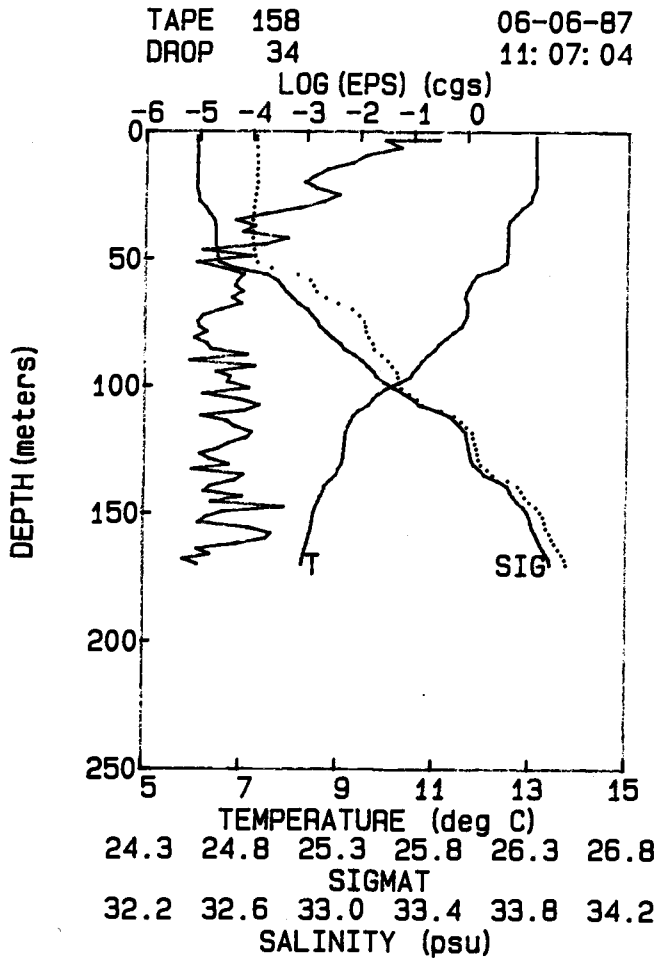
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 34
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11: 07: 04
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DEPTH (meters)
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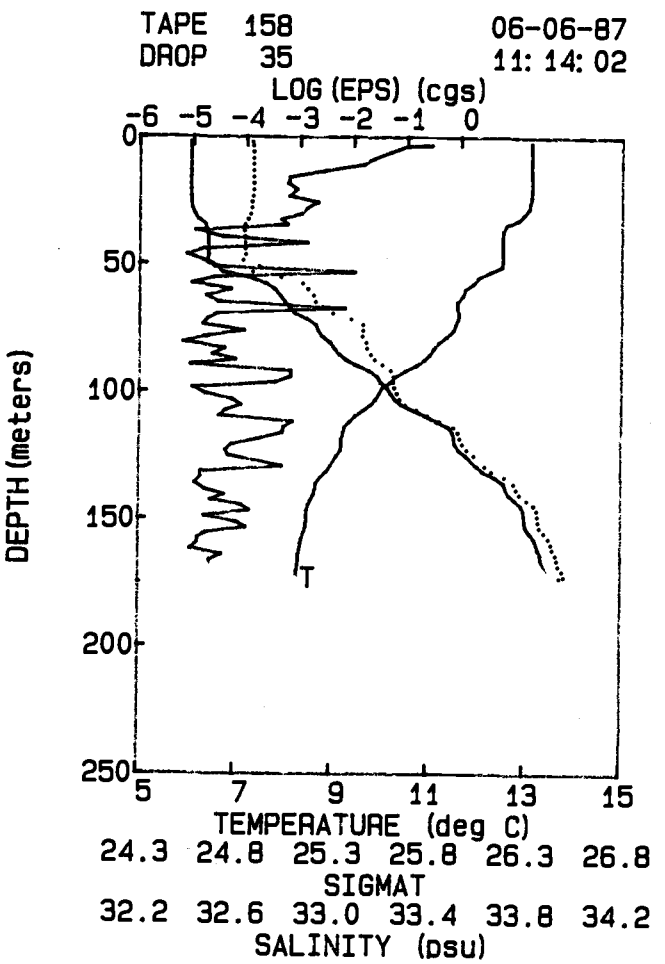
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 35
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11: 14: 02
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DEPTH (meters)
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50
100
150
200
250
T
5 7 9 11 13 15
TEMPERATURE (deg C)
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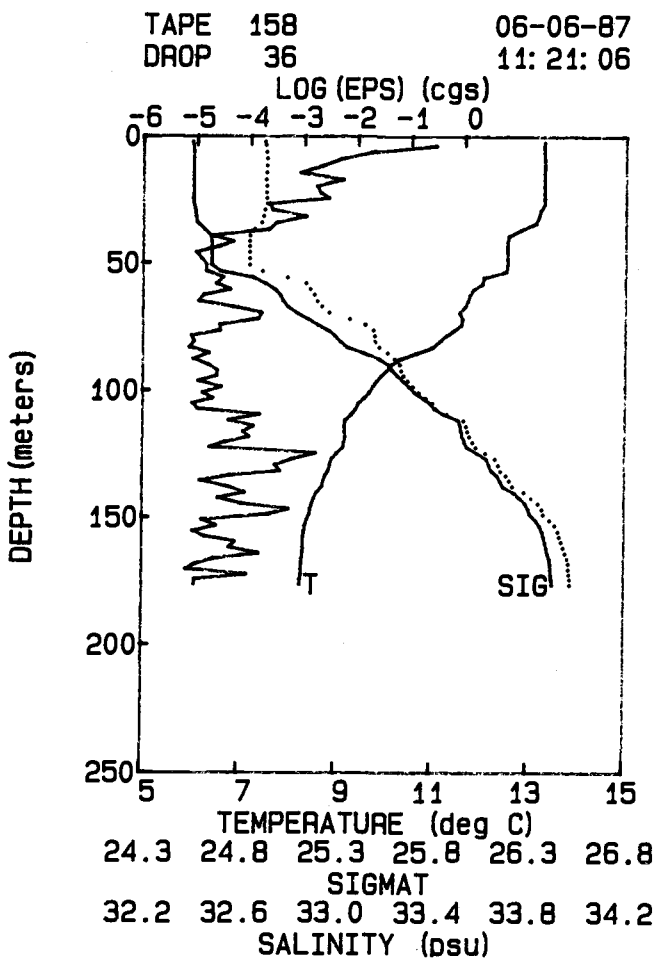
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 36
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DEPTH (meters)
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100
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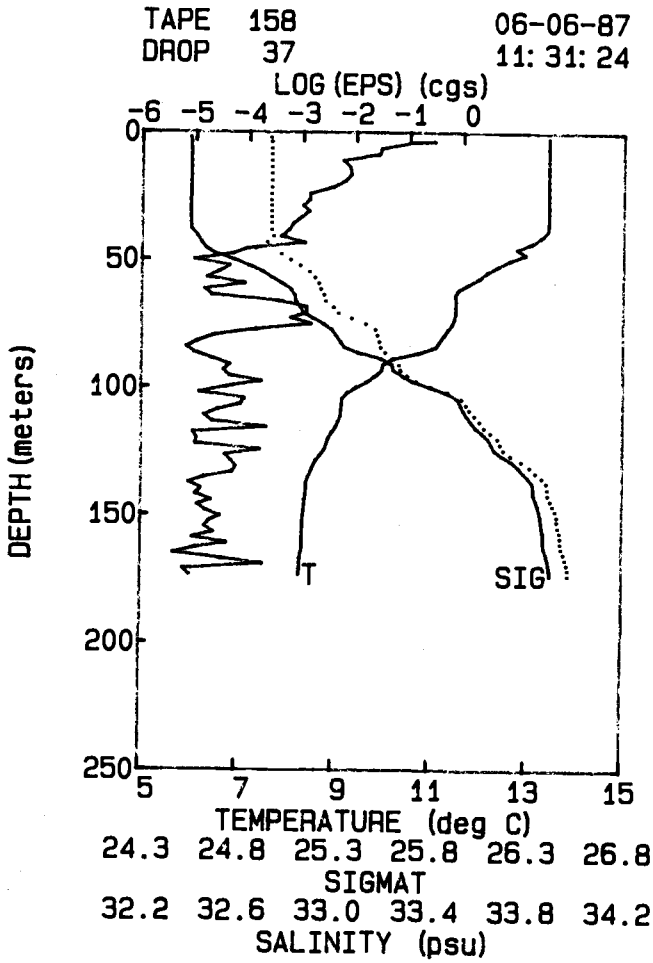
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 37
06-06-87
11: 31: 24
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DEPTH (meters)
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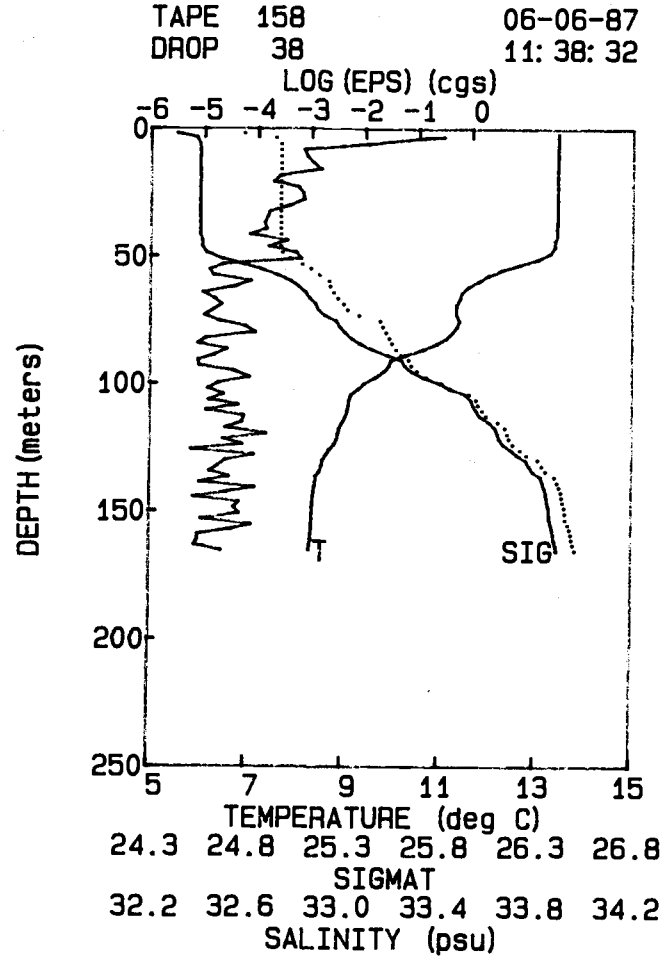
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 38
06-06-87
11: 38: 32
LOG (EPS) (cgs)
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DEPTH (meters)
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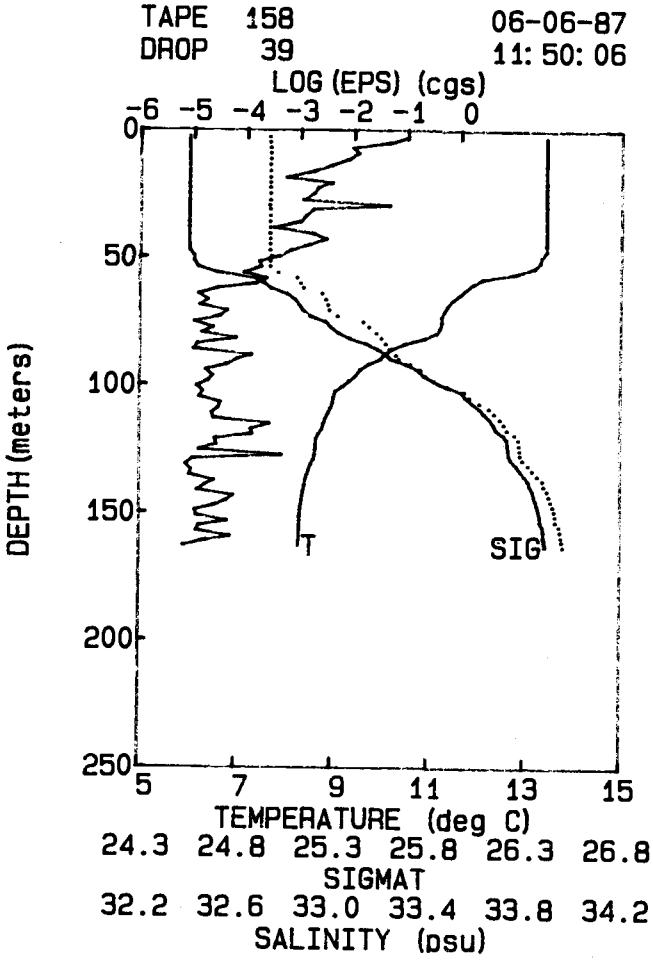
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 39
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DEPTH (meters)
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50
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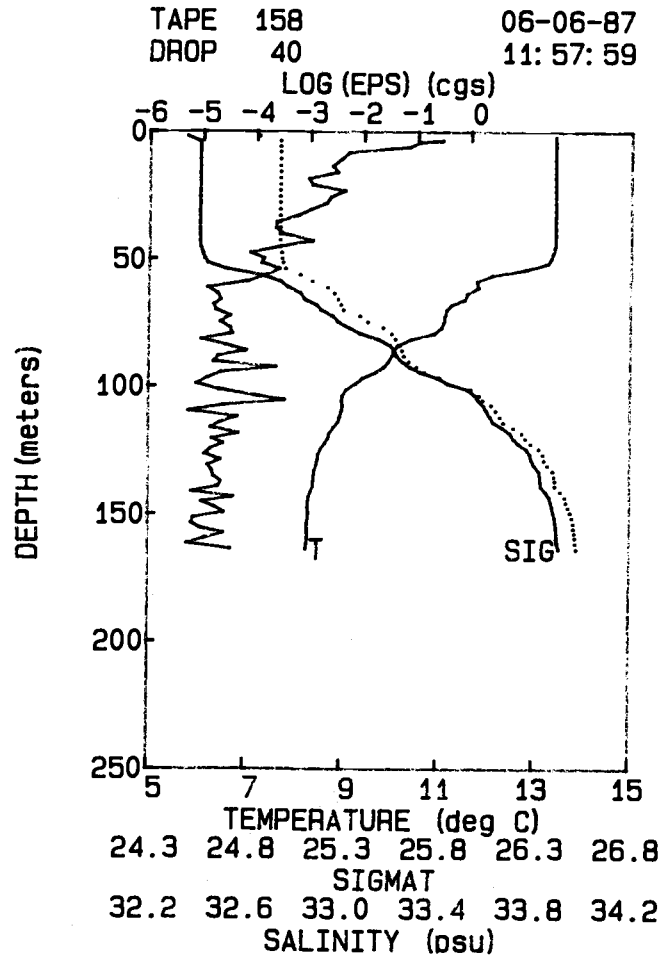
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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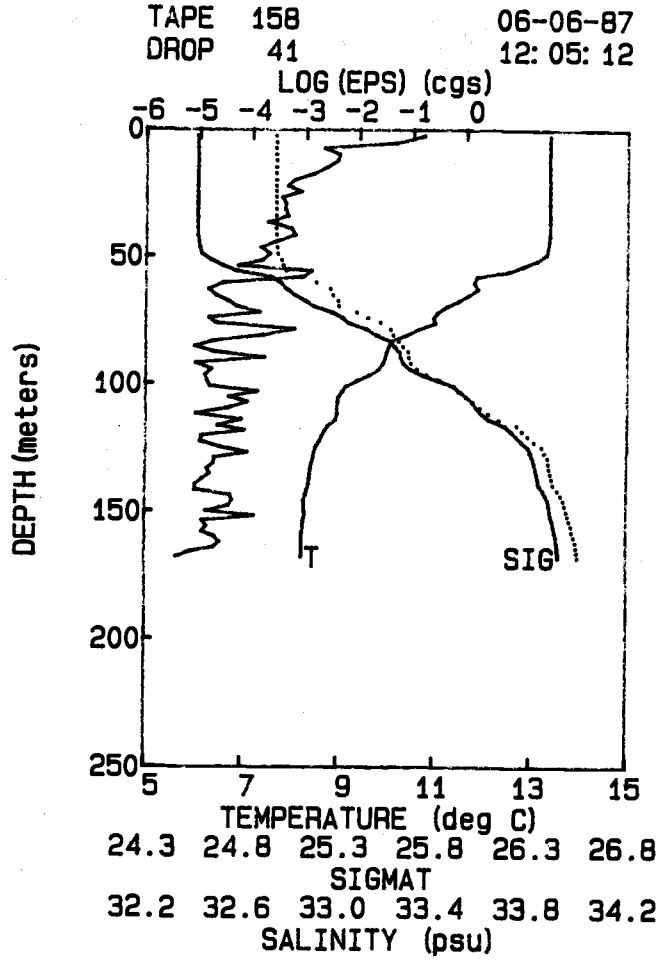
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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06-06-87
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DEPTH (meters)
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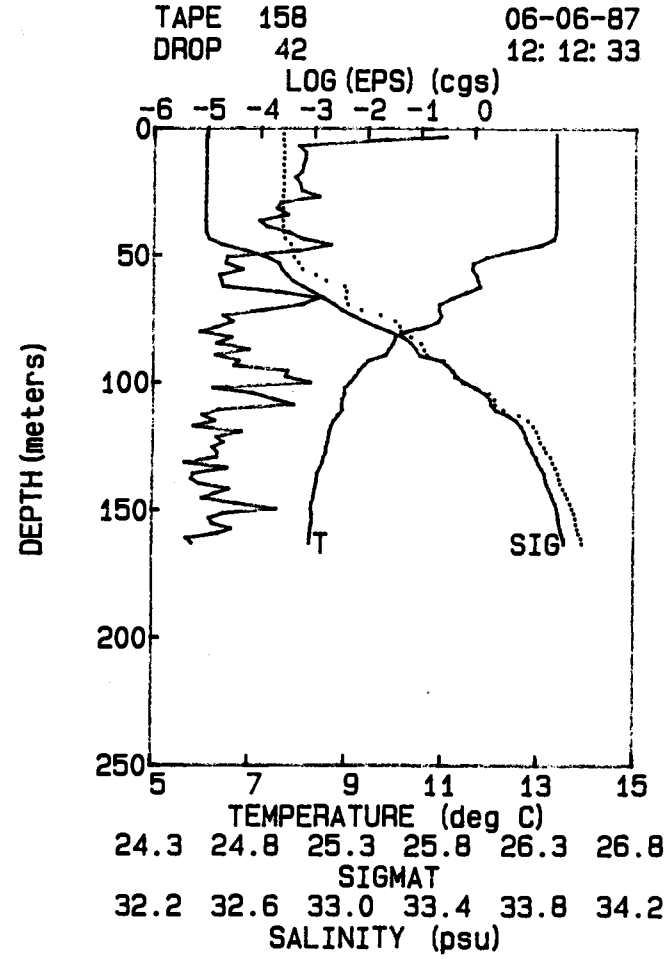
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
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06-06-87
12: 12: 33
LOG (EPS) (cgs)
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DEPTH (meters)
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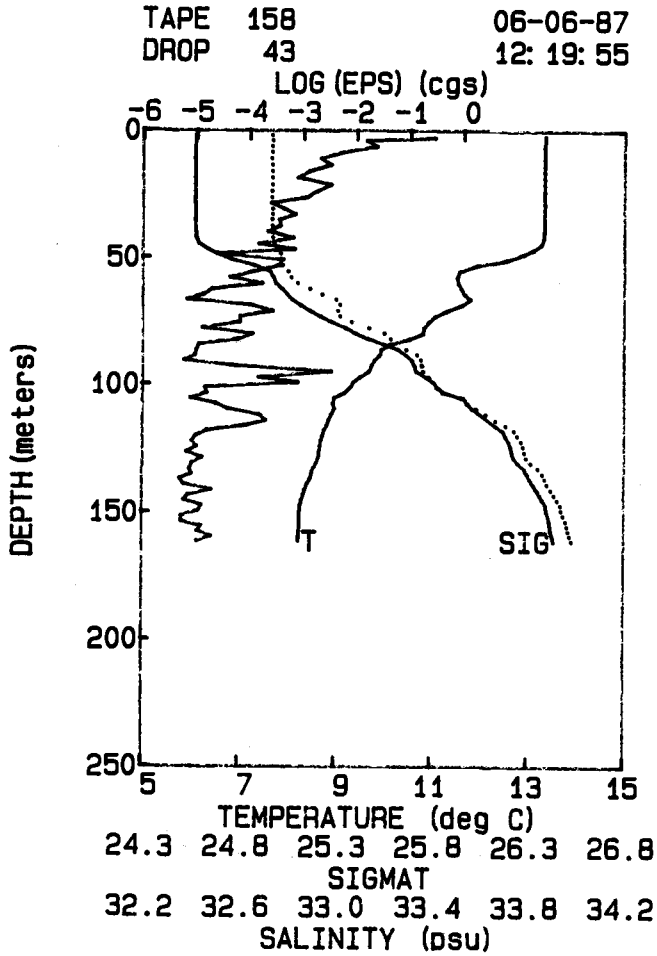
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
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06-06-87
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DEPTH (meters)
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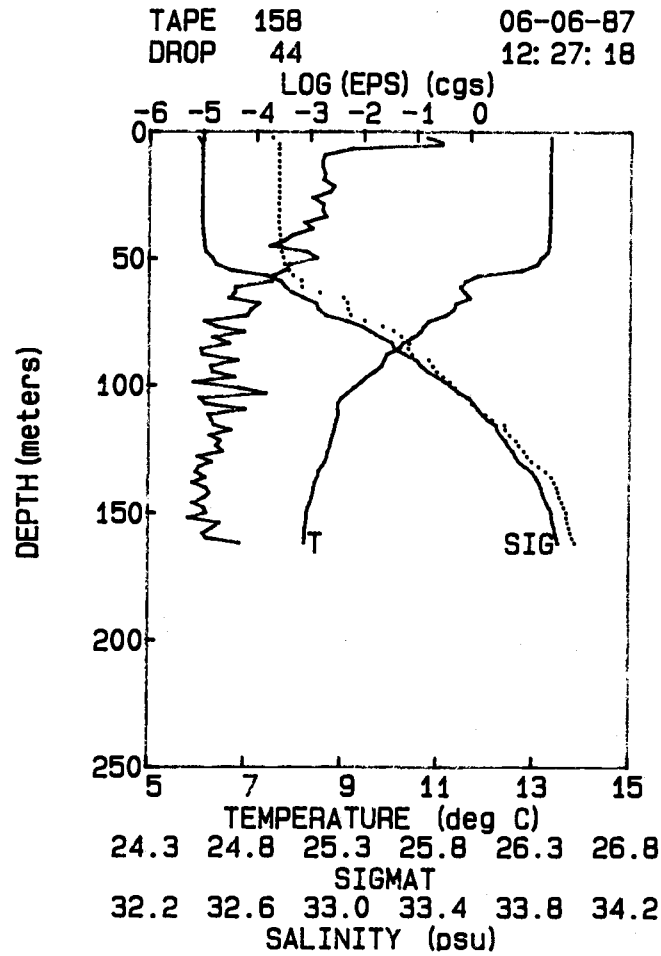
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 44
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LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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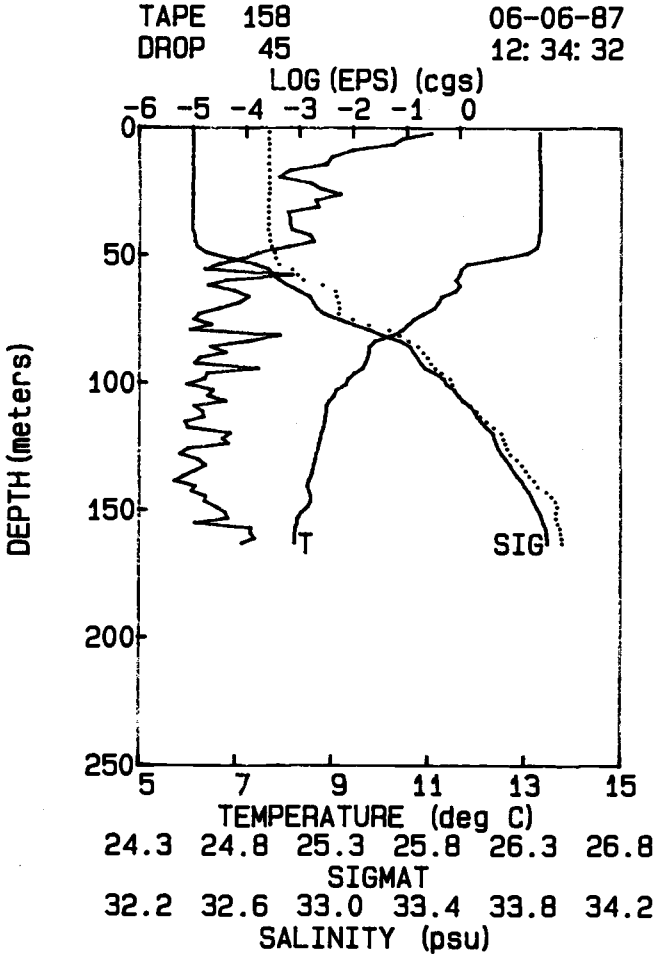
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
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12: 34: 32
LOG (EPS) (cgs)
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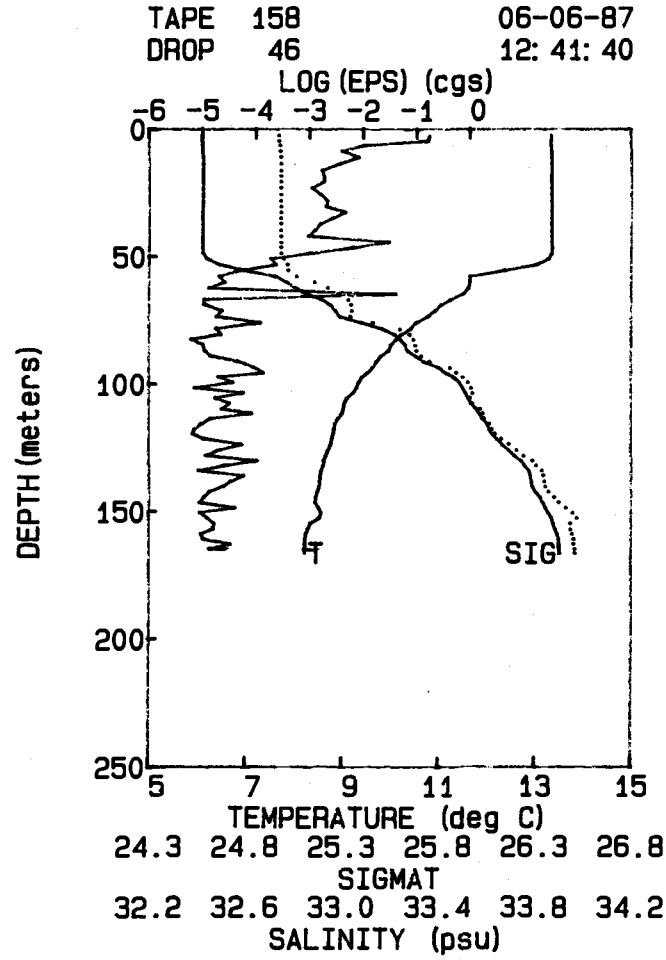
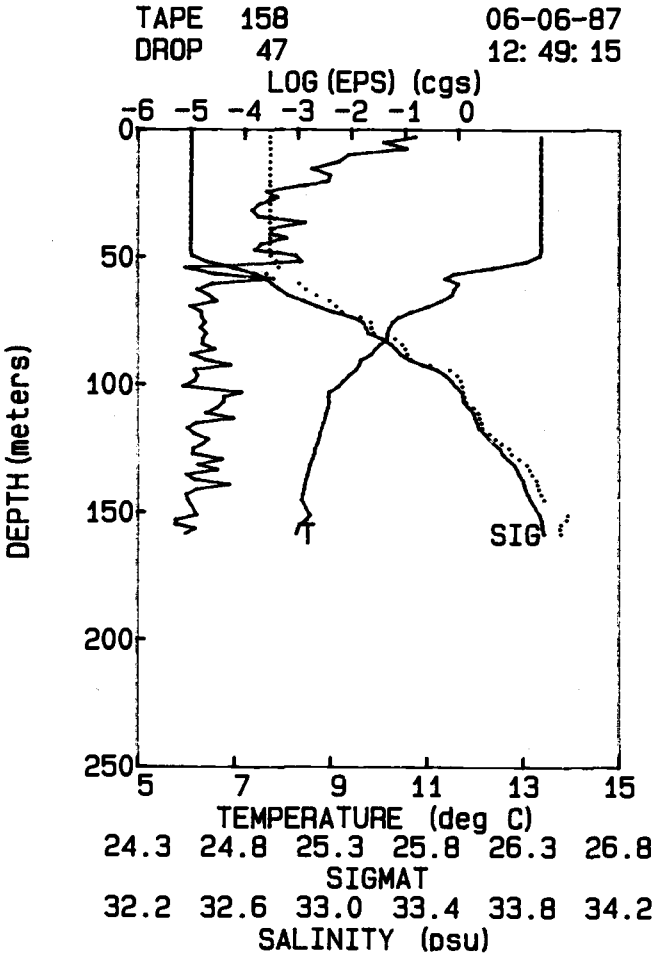
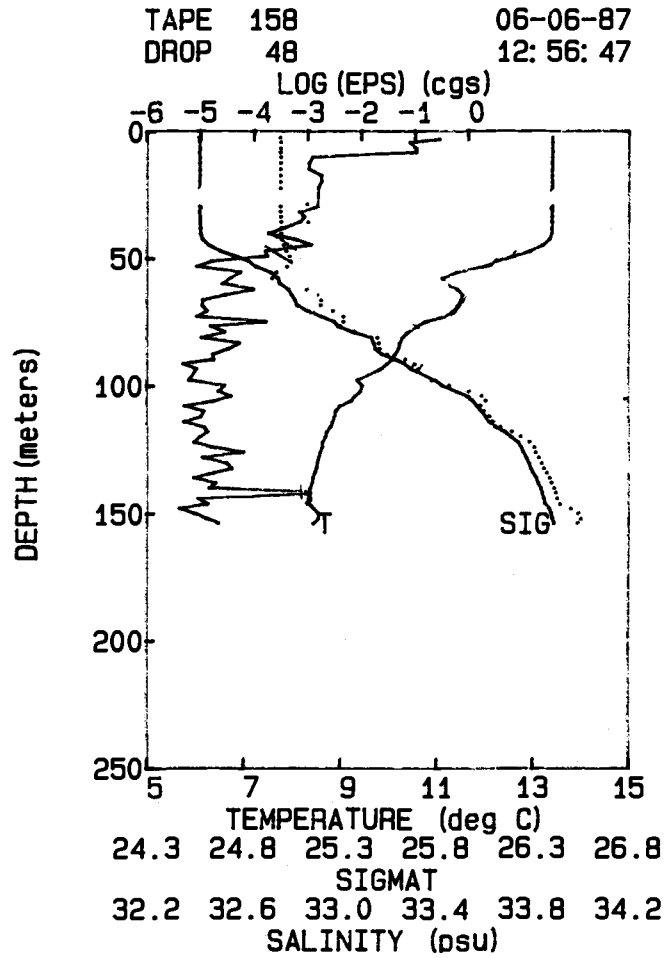
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 46
06-06-87
12: 41: 40
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 47
06-06-87
12: 49: 15
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 48
06-06-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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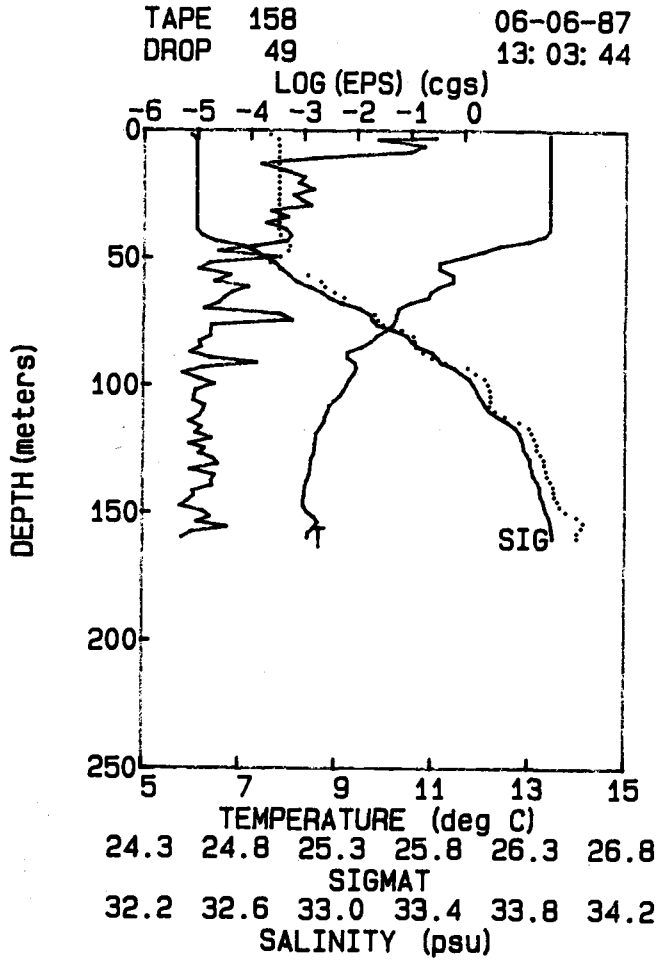
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 49
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13: 03: 44
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DEPTH (meters)
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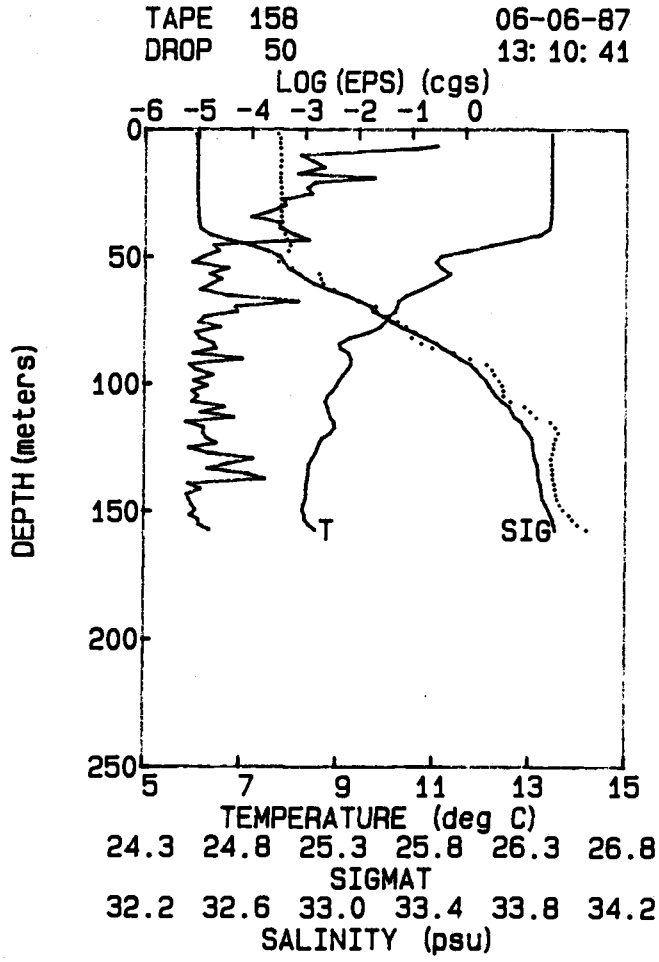
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 50
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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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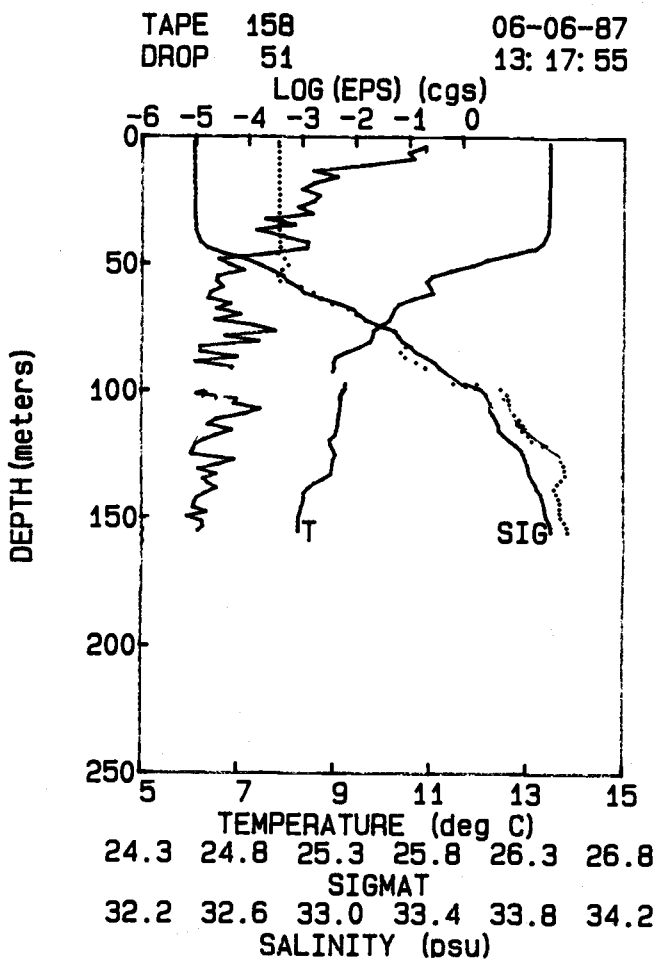
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 51
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13: 17: 55
LOG (EPS) (cgs)
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DEPTH (meters)
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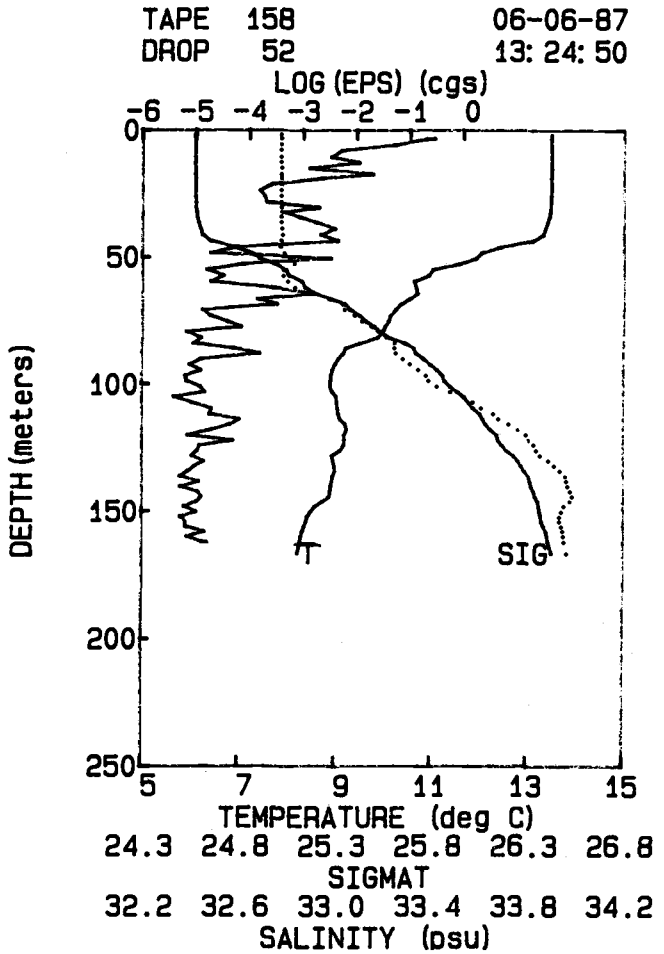
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 52
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13: 24: 50
LOG (EPS) (cgs)
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DEPTH (meters)
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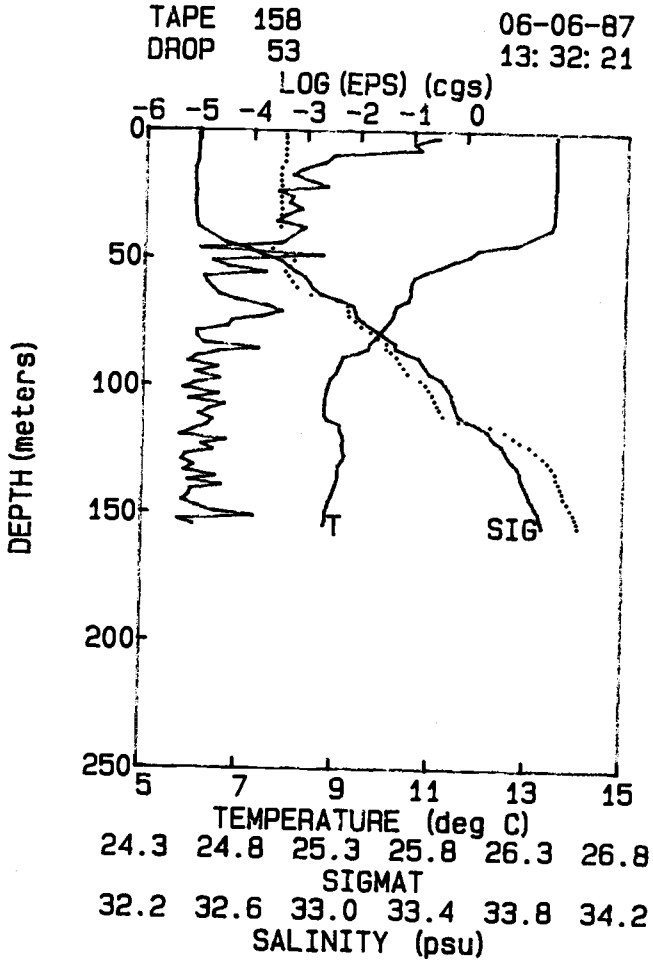
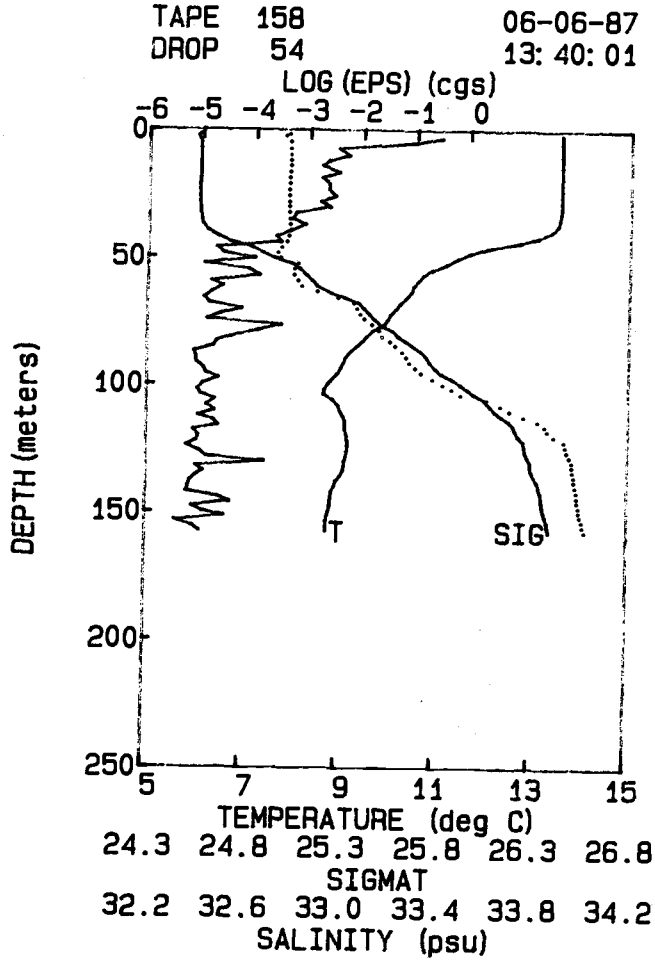
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 158
DROP 53
06-06-87
13: 32: 21
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 54
06-06-87
13: 40: 01
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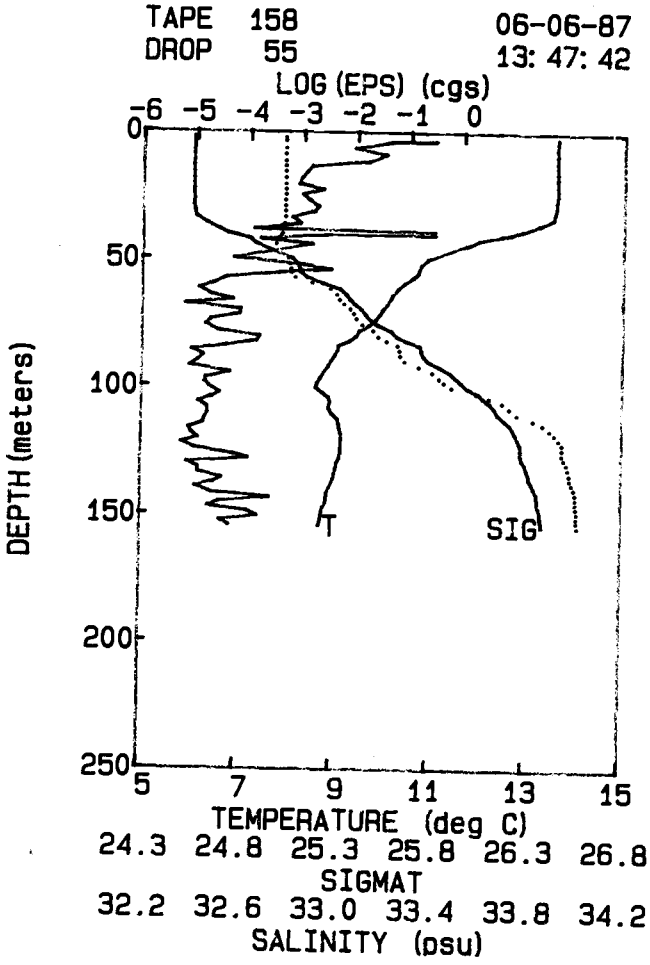
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 55
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13: 47: 42
LOG (EPS) (cgs)
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DEPTH (meters)
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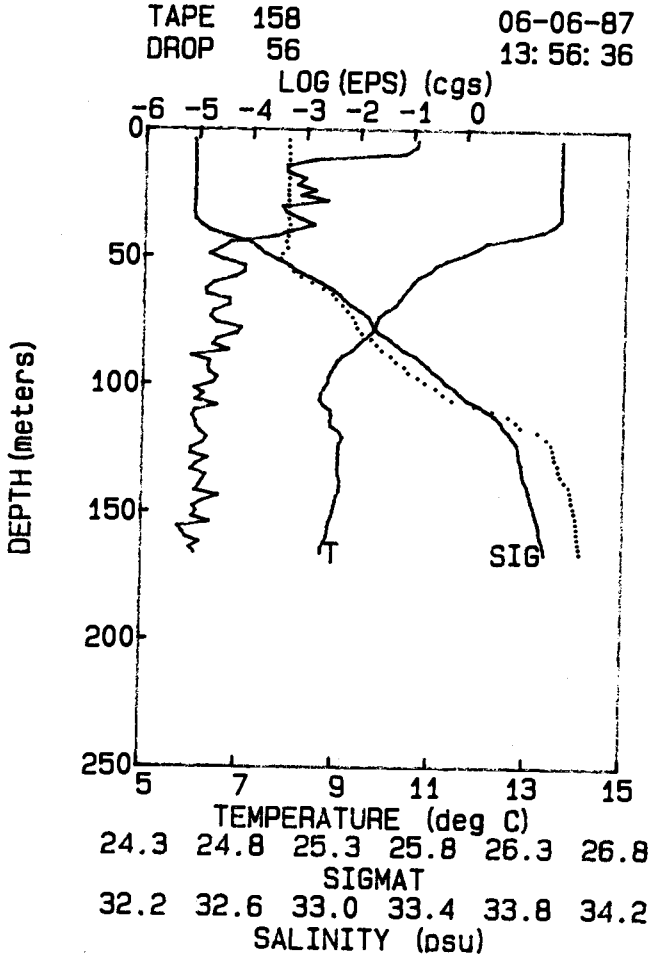
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 56
06-06-87
13: 56: 36
LOG (EPS) (cgs)
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DEPTH (meters)
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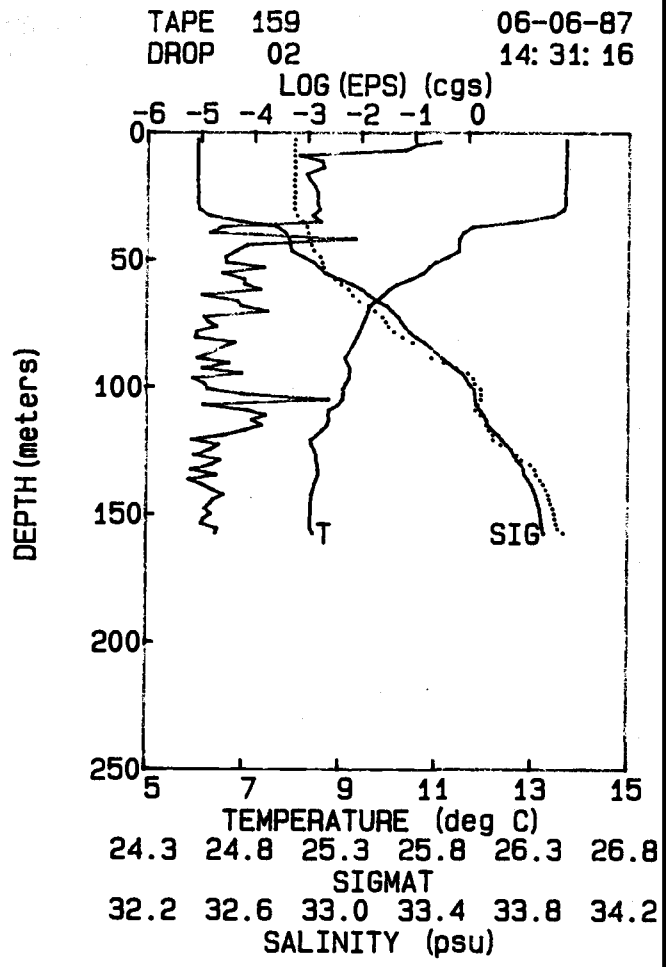
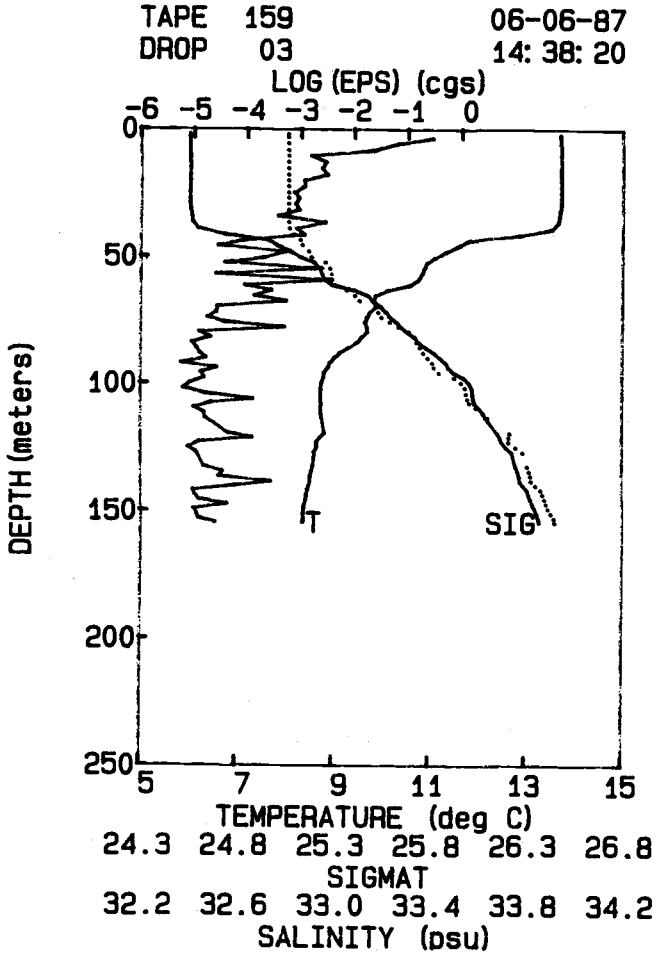
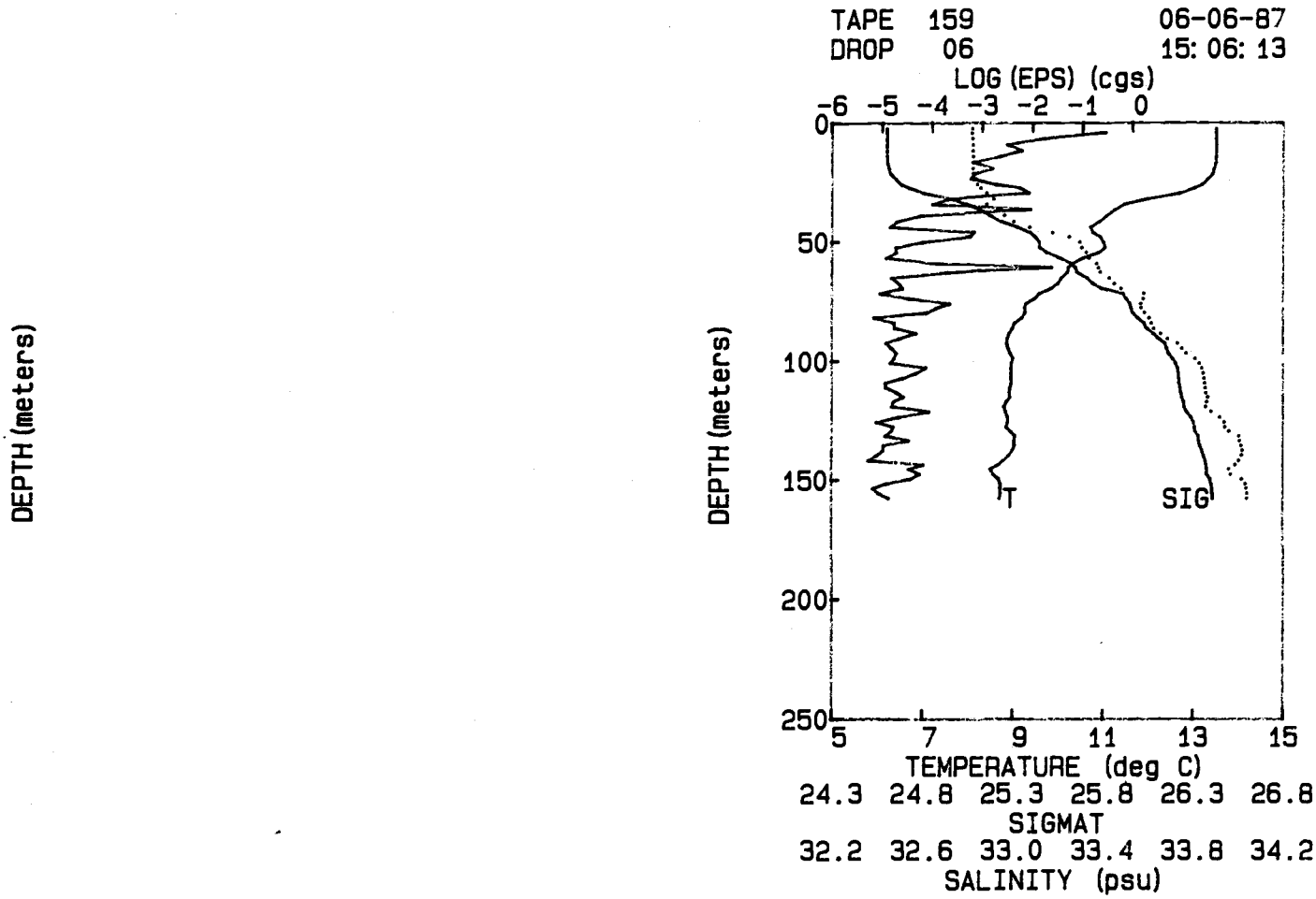
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)





DEPTH (meters)


TAPE 159
DROP 06
06-06-87
15: 06: 13
LOG (EPS) (cgs)
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DEPTH (meters)
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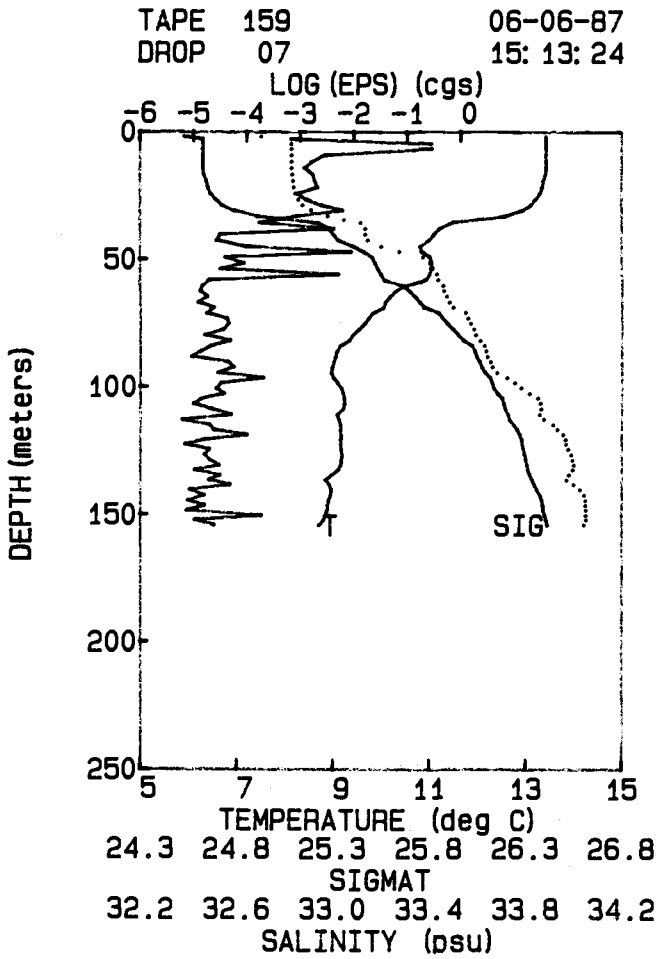
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 159
DROP 07
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15: 13: 24
LOG (EPS) (cgs)
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DEPTH (meters)
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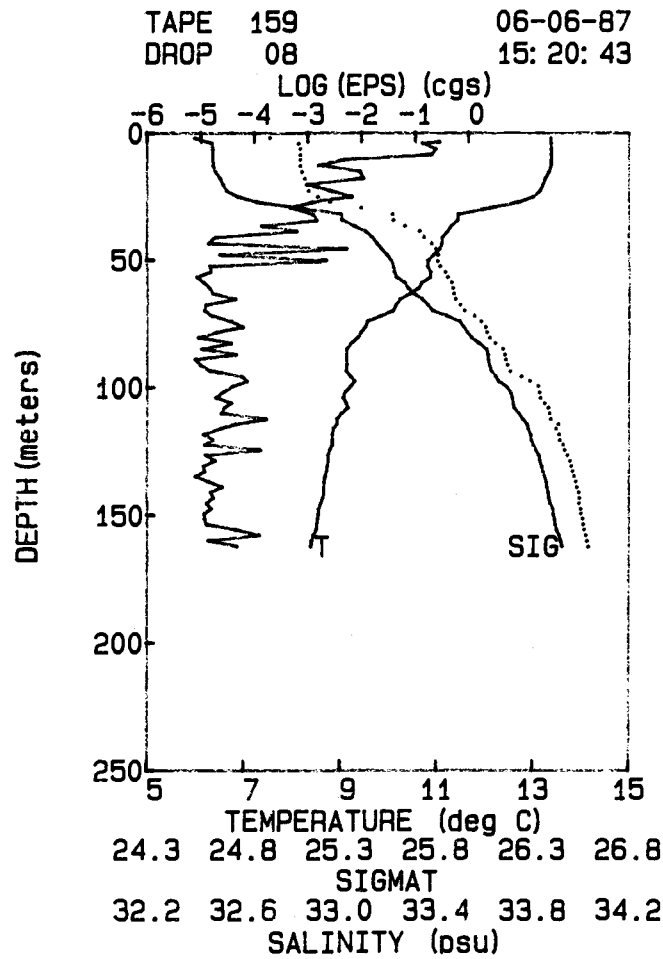
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 159
DROP 08
06-06-87
15: 20: 43
LOG (EPS) (cgs)
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DEPTH (meters)
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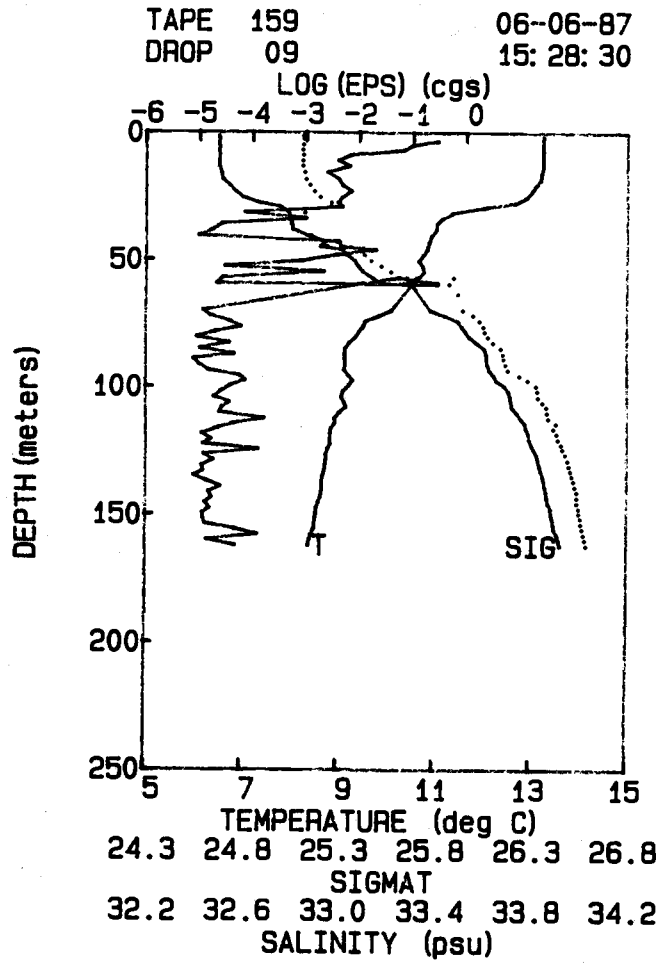
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 159
DROP 09
06-06-87
15: 28: 30
LOG (EPS) (cgs)
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DEPTH (meters)
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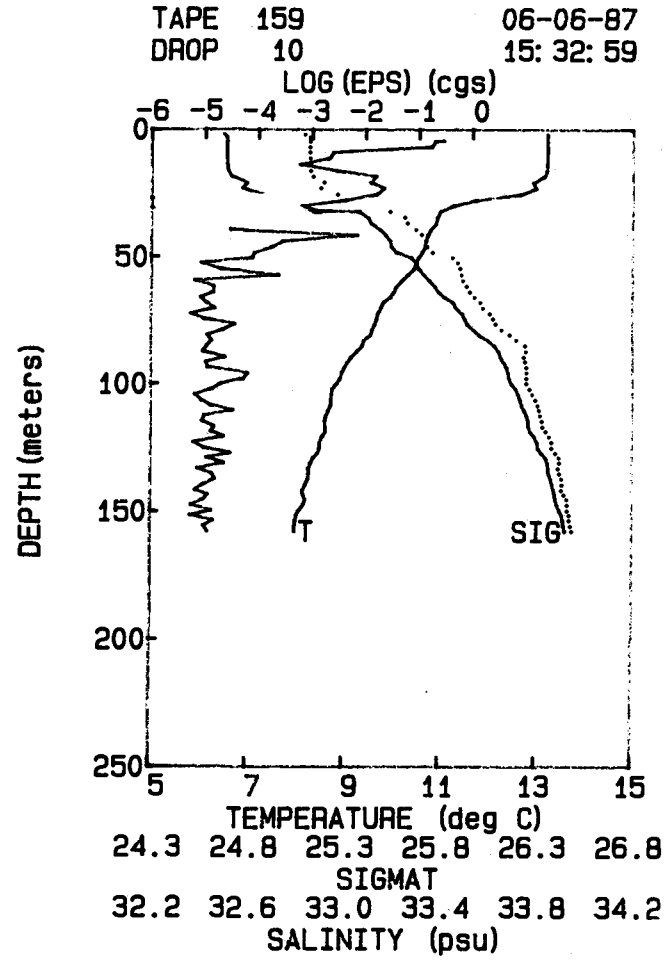
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 159
DROP 10
06-06-87
15: 32: 59
LOG (EPS) (cgs)
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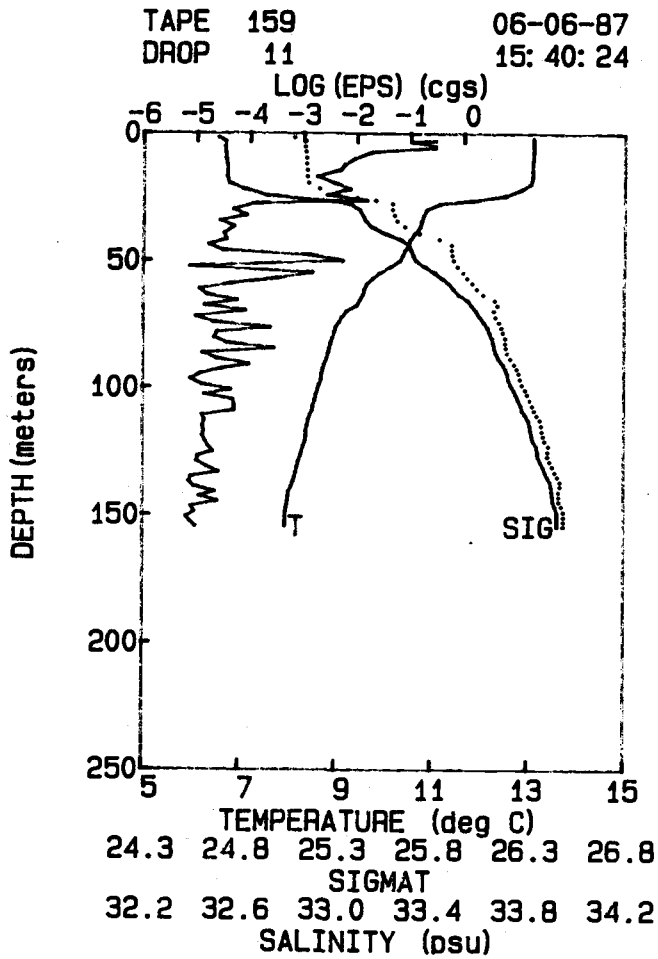
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 159
DROP 11
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15: 40: 24
LOG (EPS) (cgs)
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DEPTH (meters)
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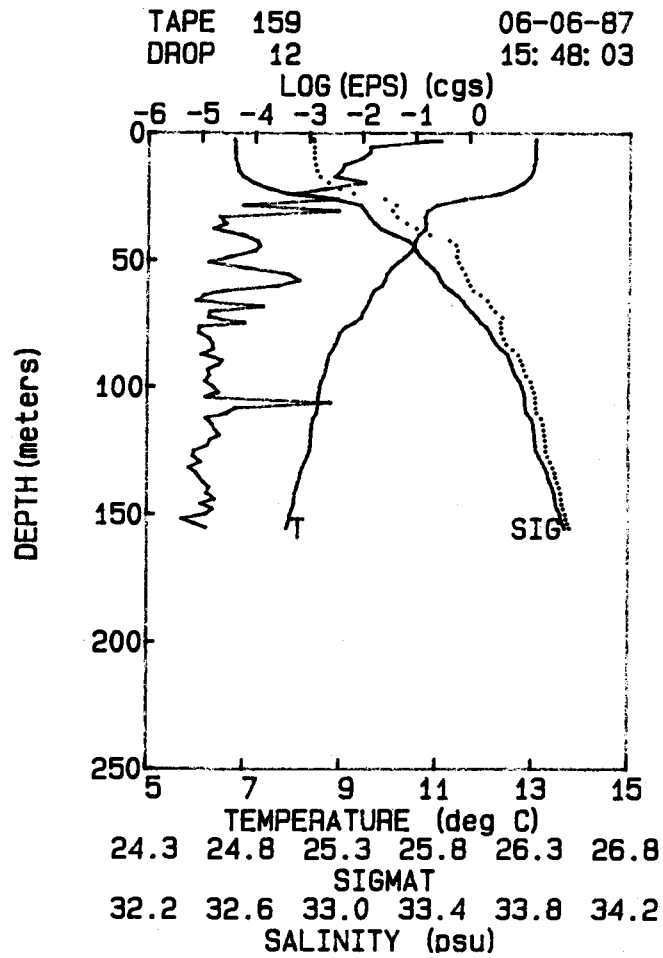
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 159
DROP 12
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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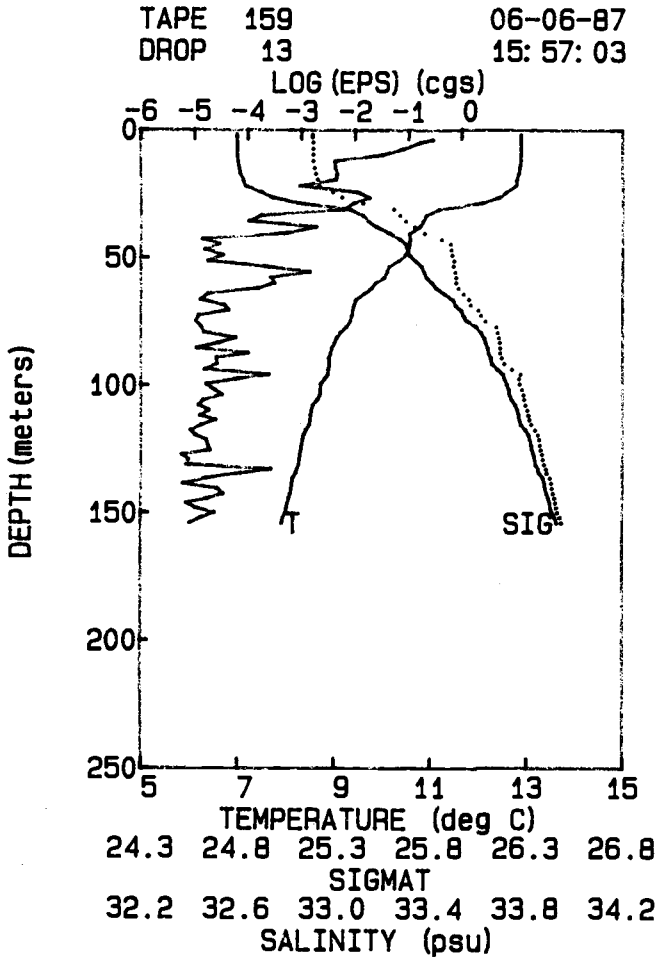
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 13
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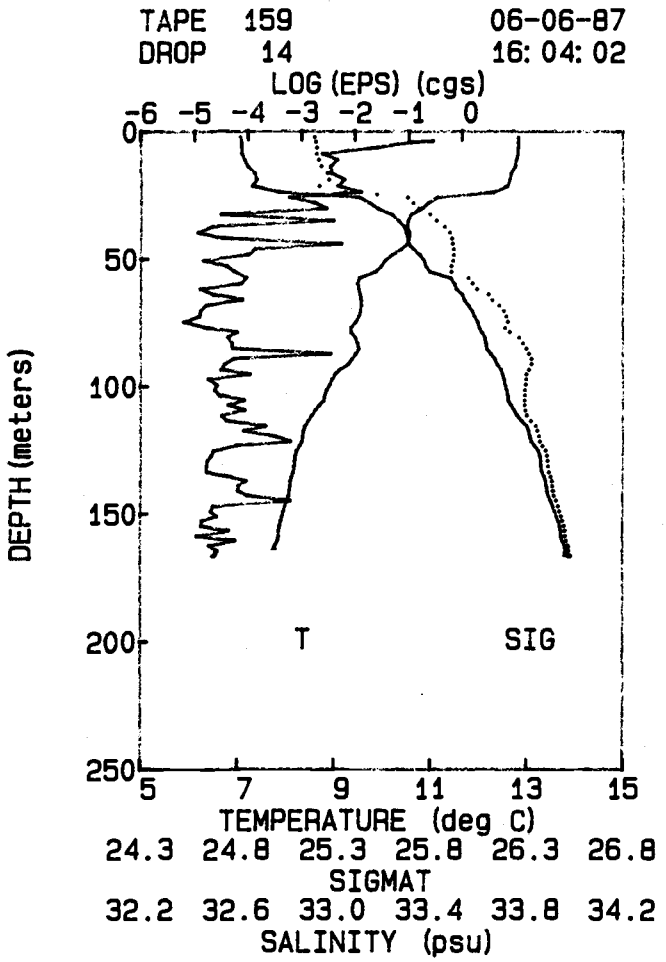
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 14
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16: 04: 02
LOG (EPS) (cgs)
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DEPTH (meters)
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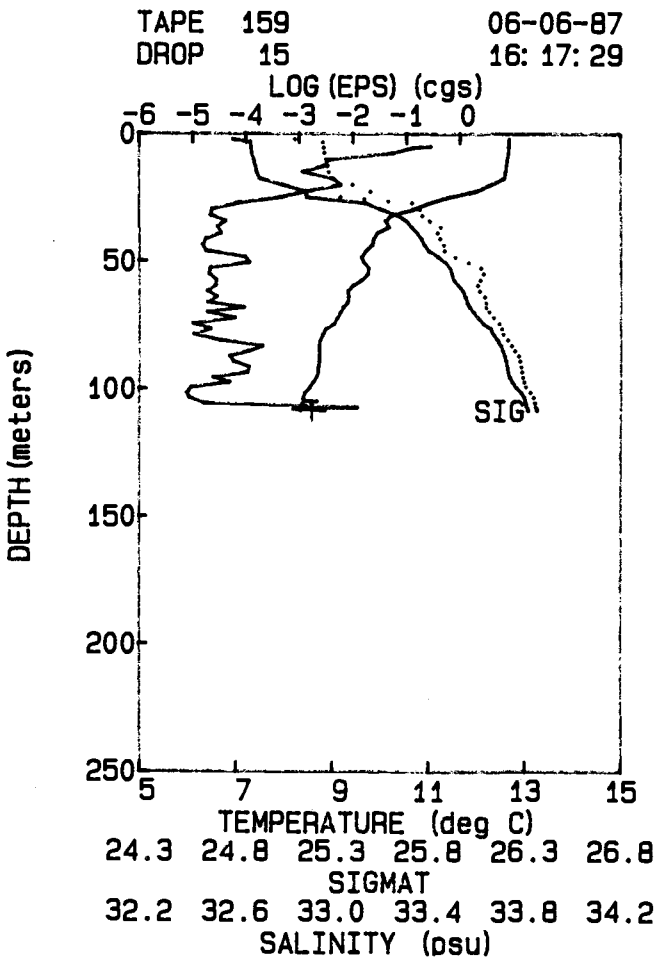
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 159
DROP 15
06-06-87
16: 17: 29
LOG (EPS) (cgs)
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DEPTH (meters)
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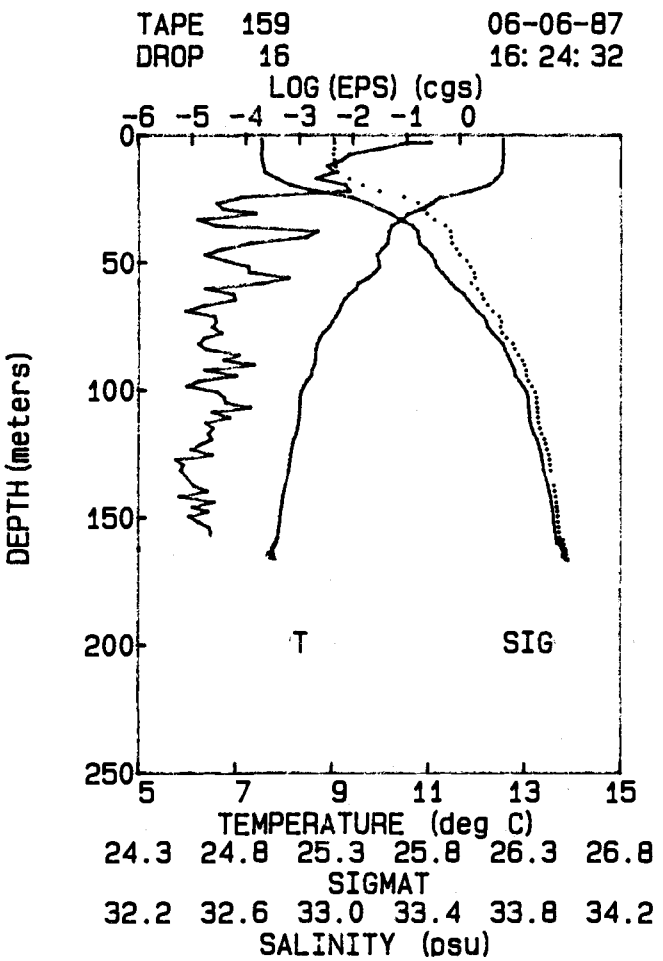
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 159
DROP 16
06-06-87
16: 24: 32
LOG (EPS) (cgs)
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DEPTH (meters)
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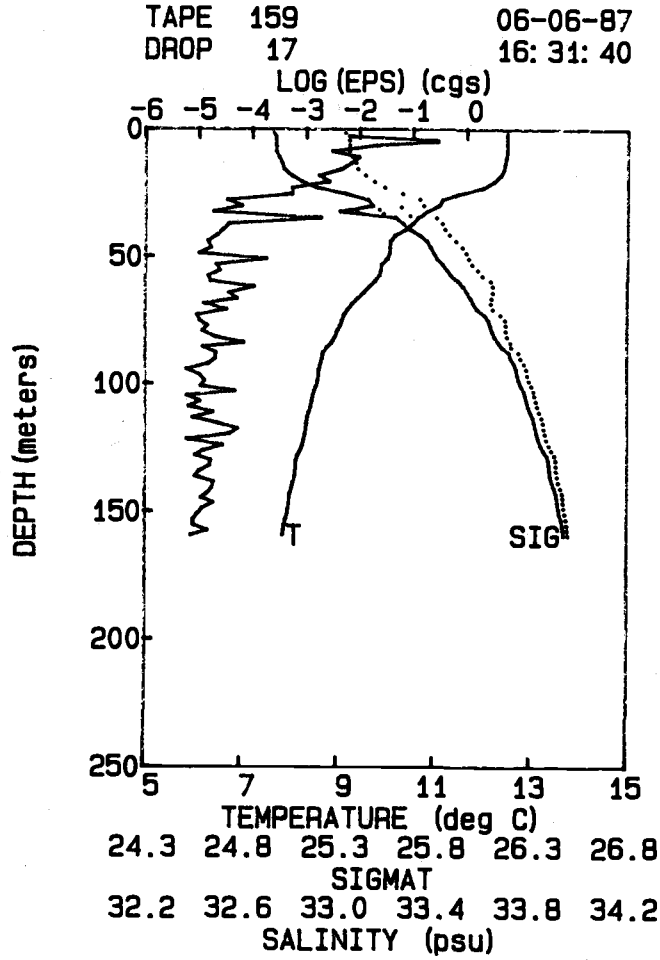
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 159
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DEPTH (meters)
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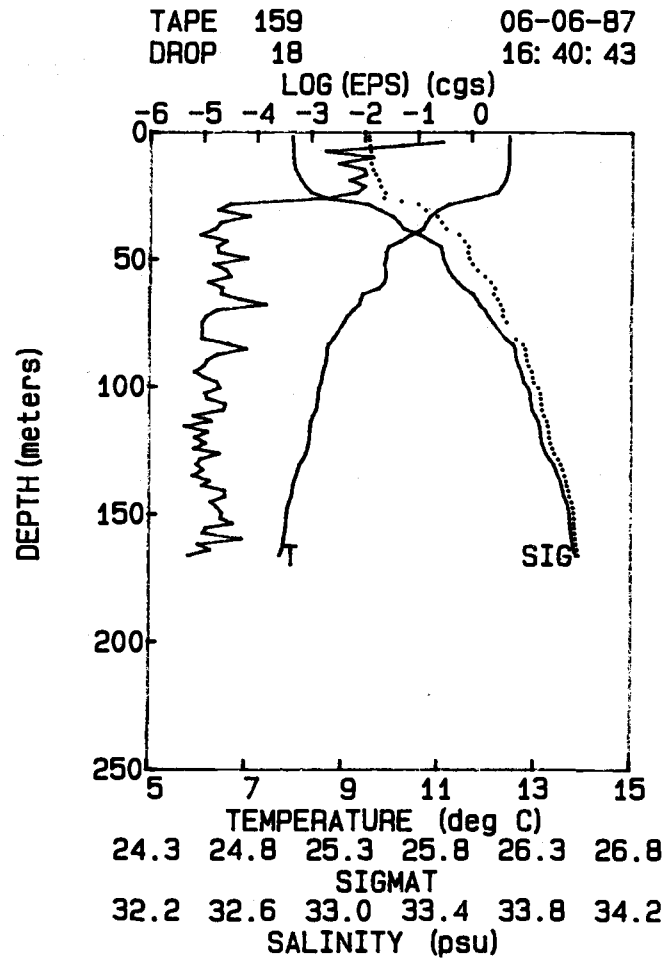
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 159
DROP 18
06-06-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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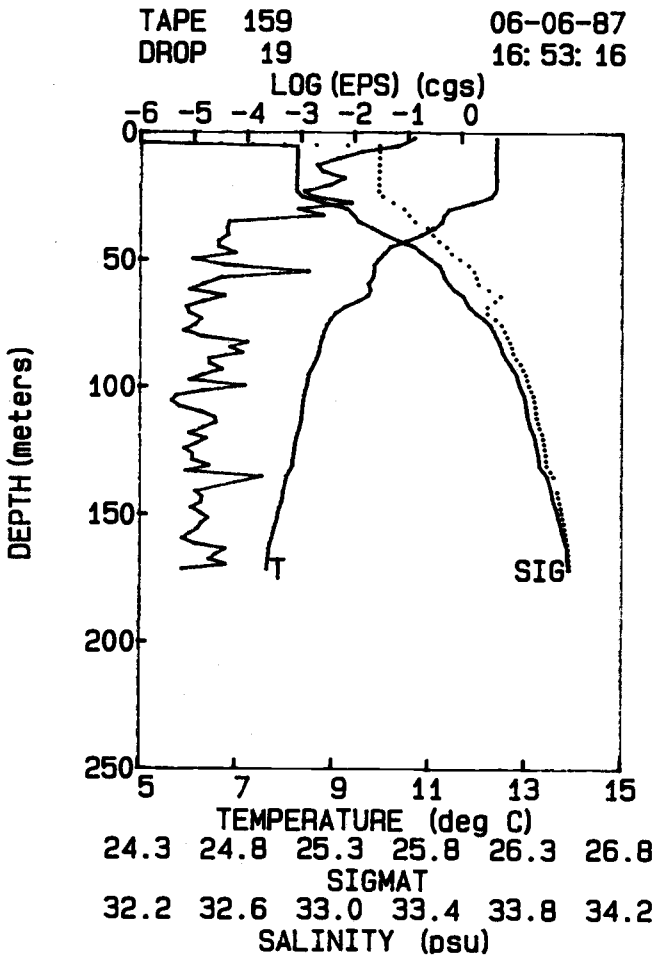
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 159
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06-06-87
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DEPTH (meters)
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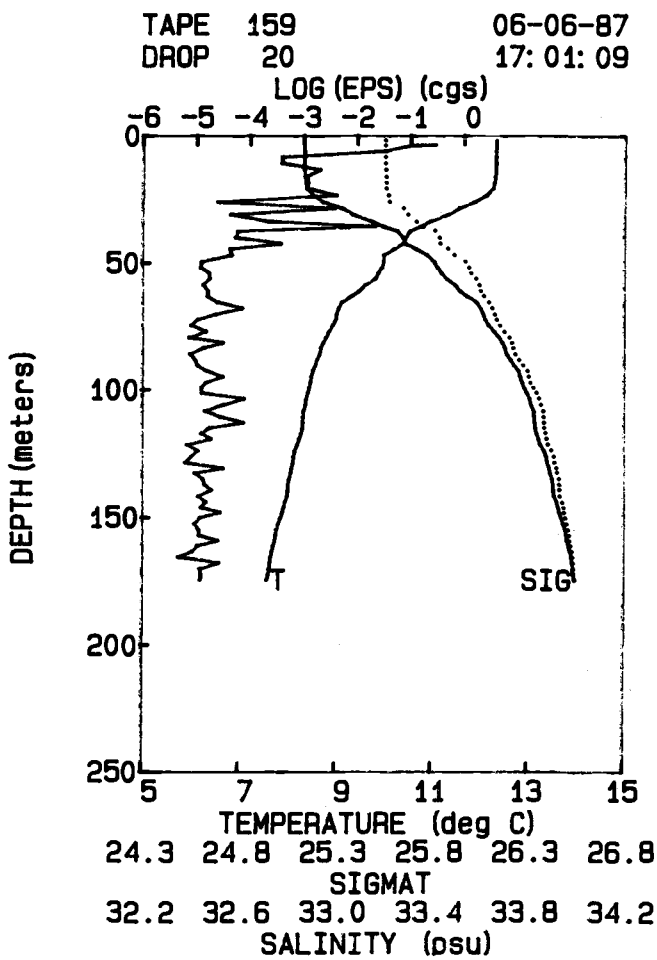
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 159
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DEPTH (meters)
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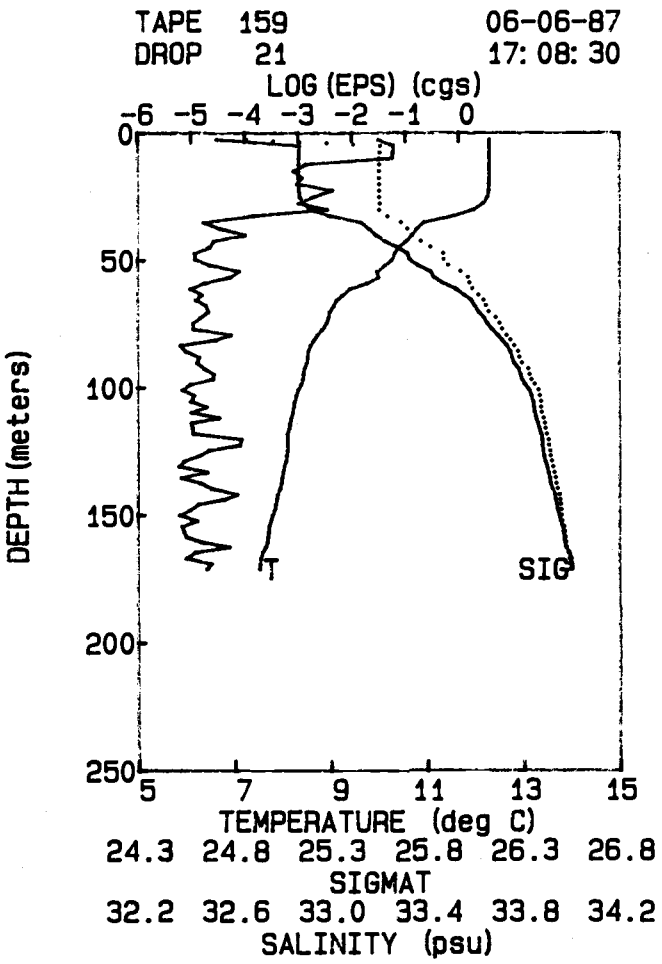
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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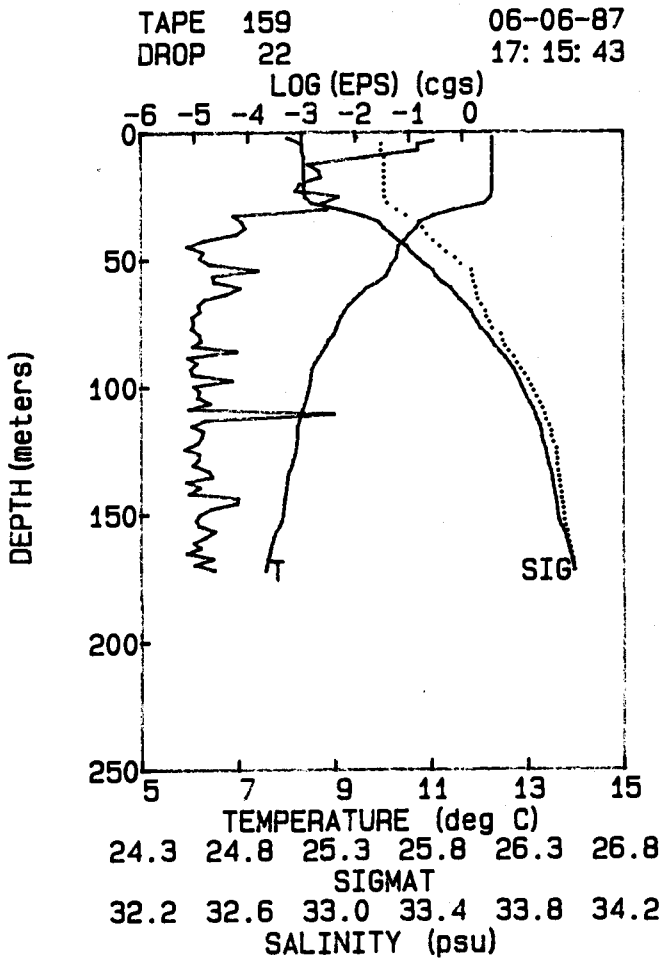
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 159
DROP 22
06-06-87
17: 15: 43
LOG (EPS) (cgs)
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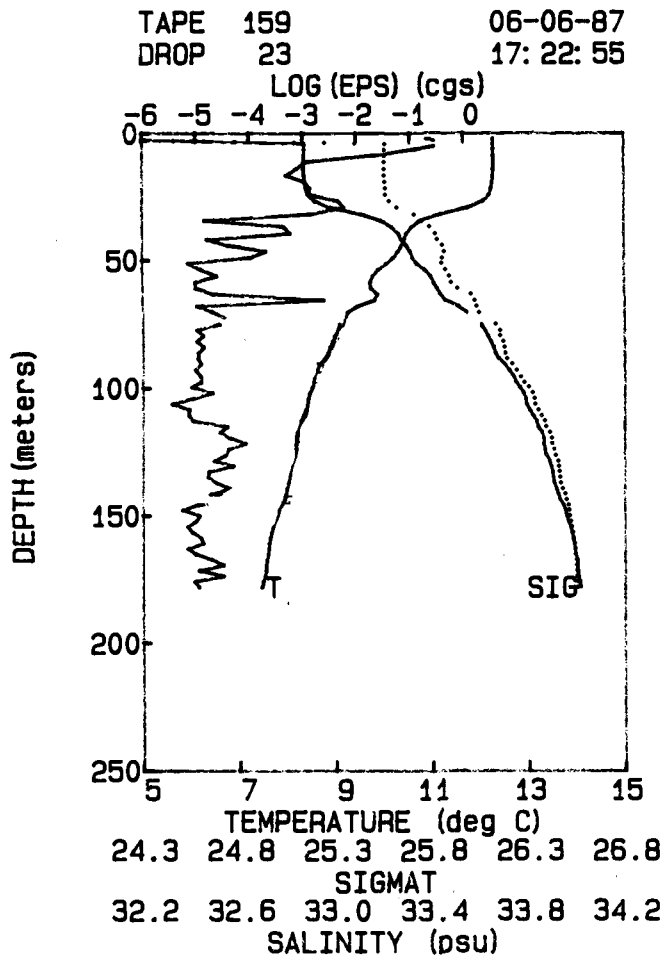
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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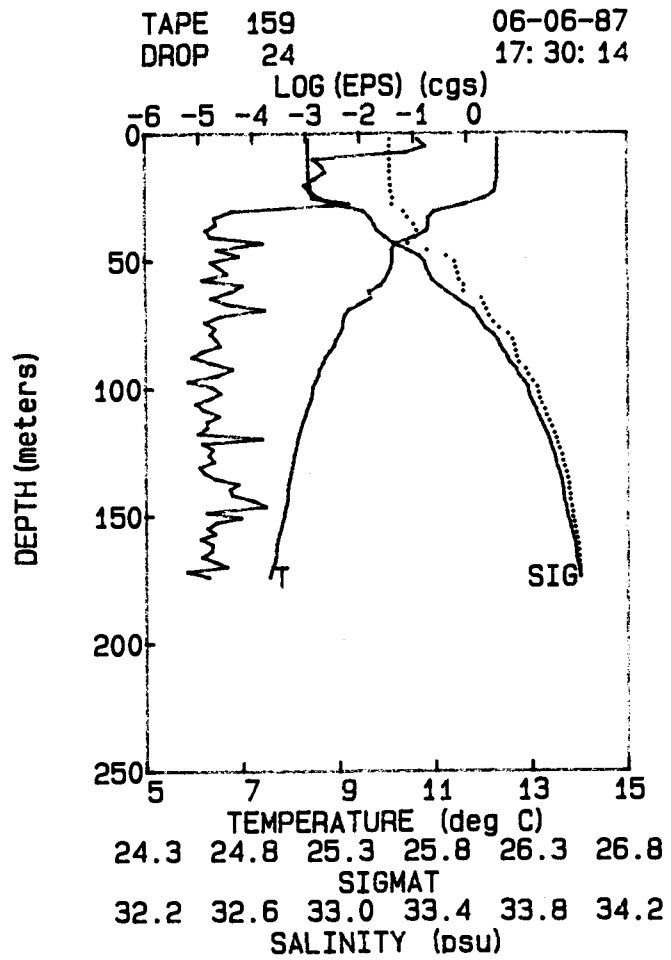
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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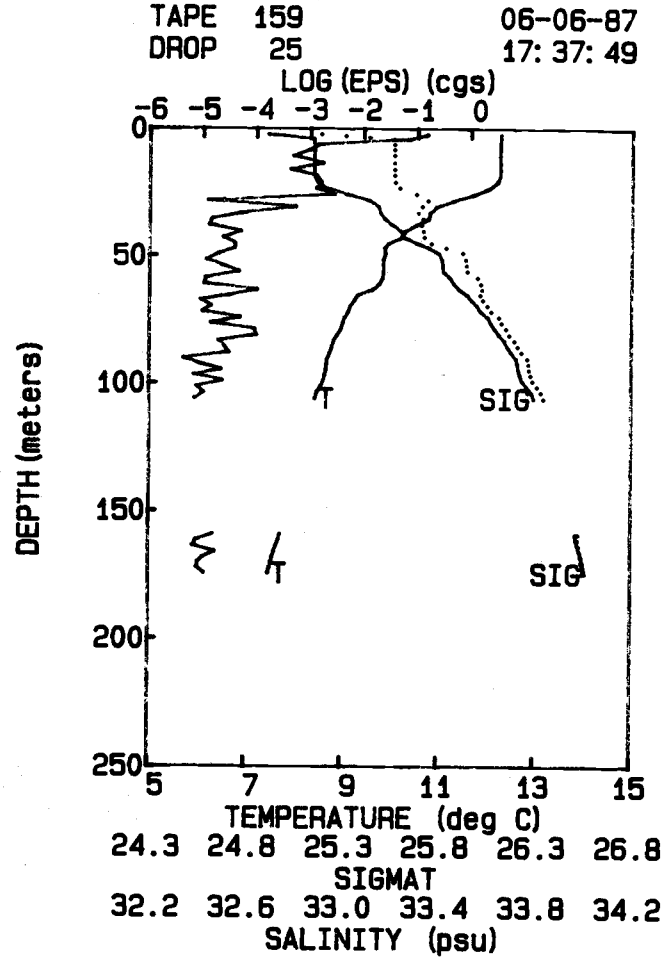
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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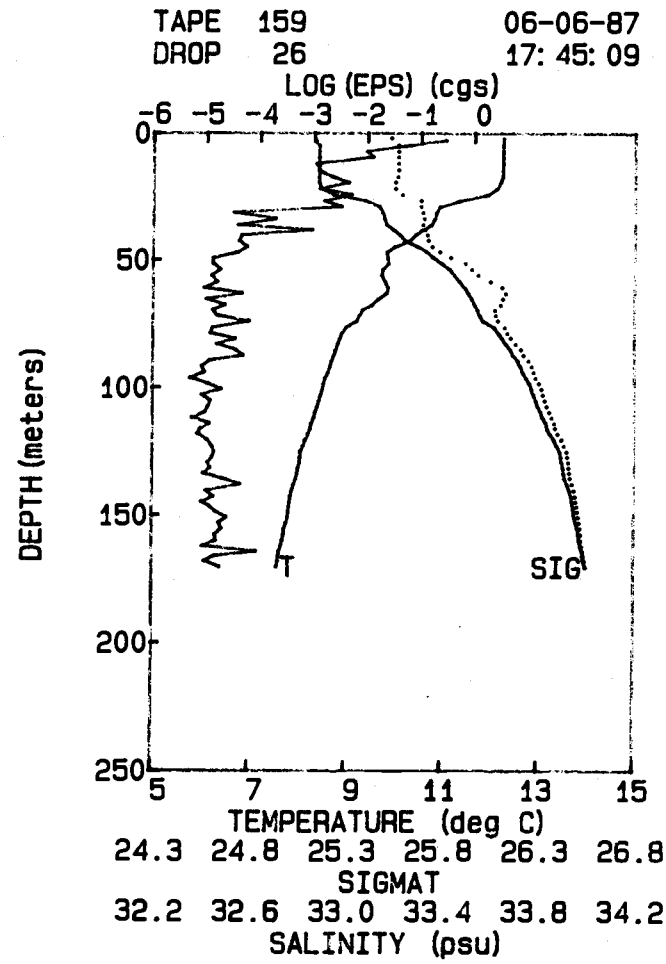
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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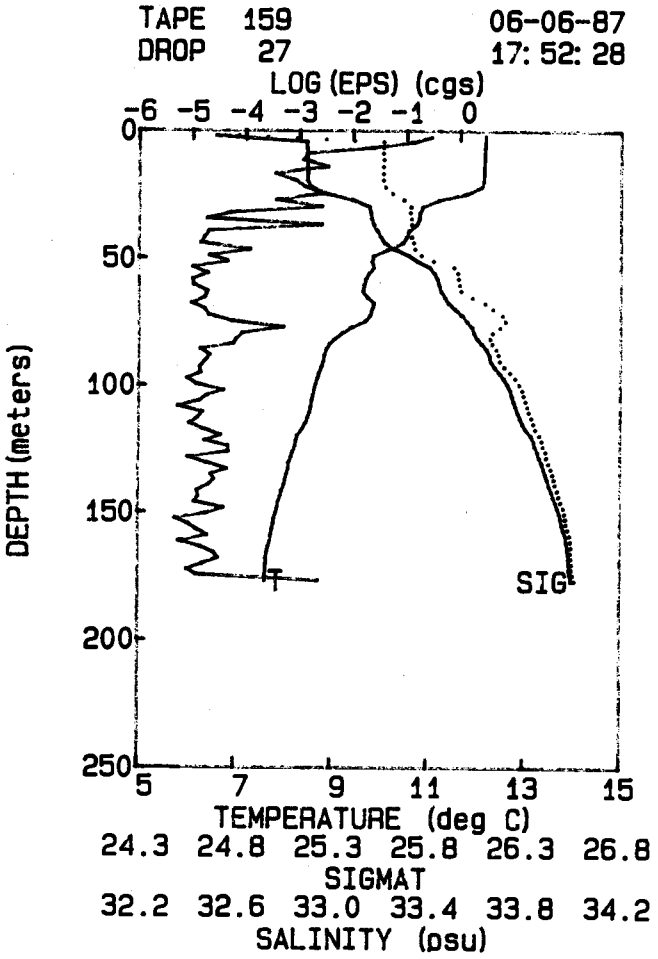
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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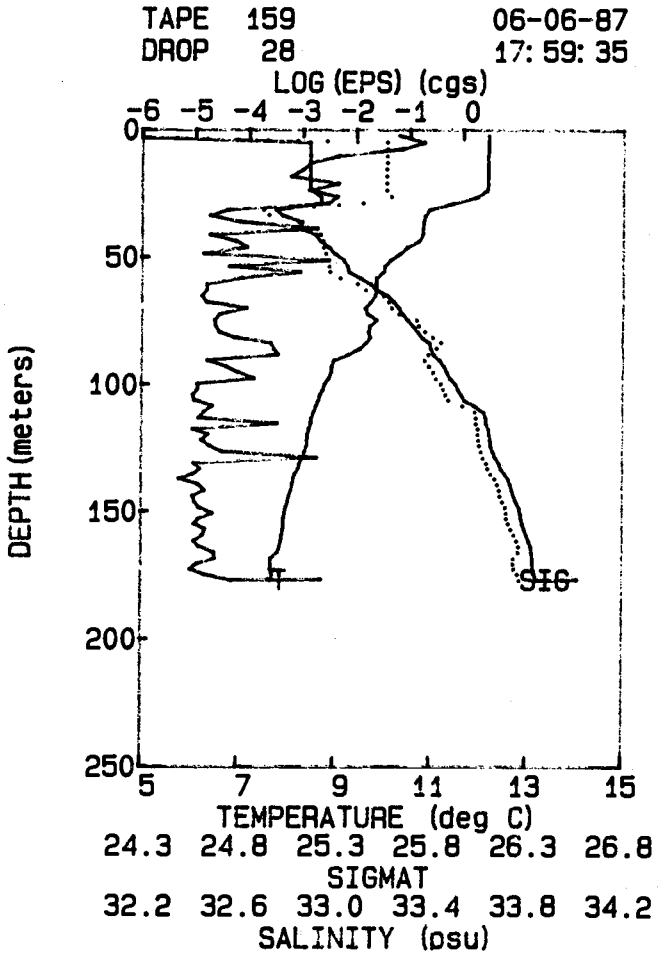
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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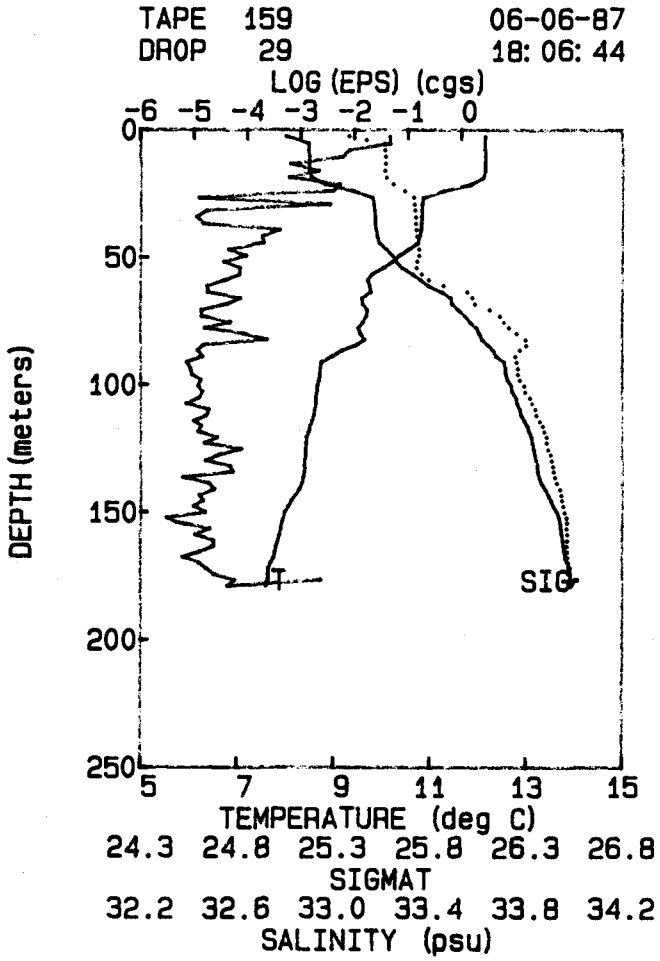
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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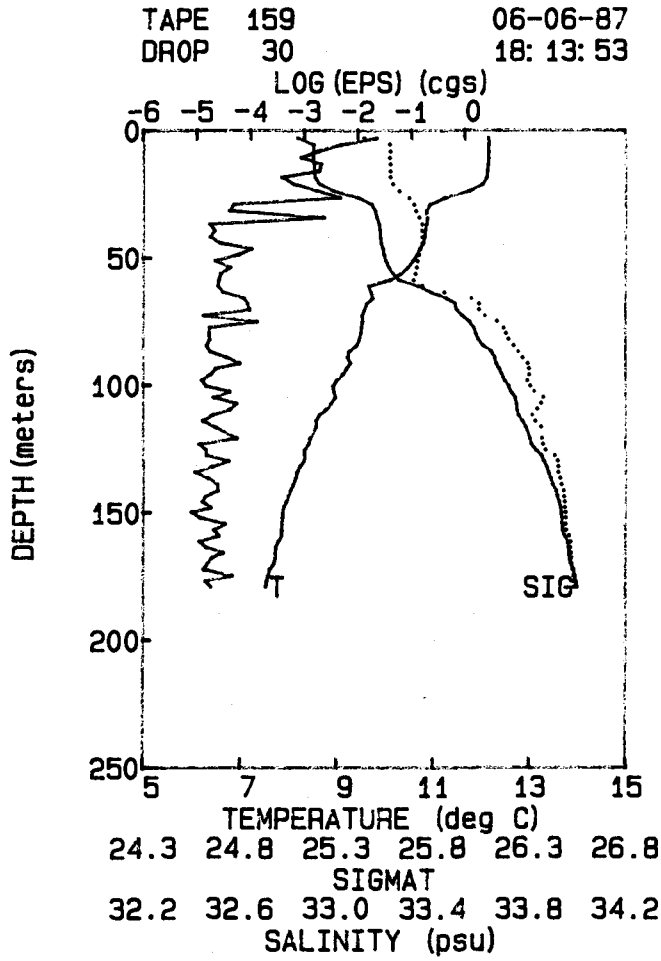
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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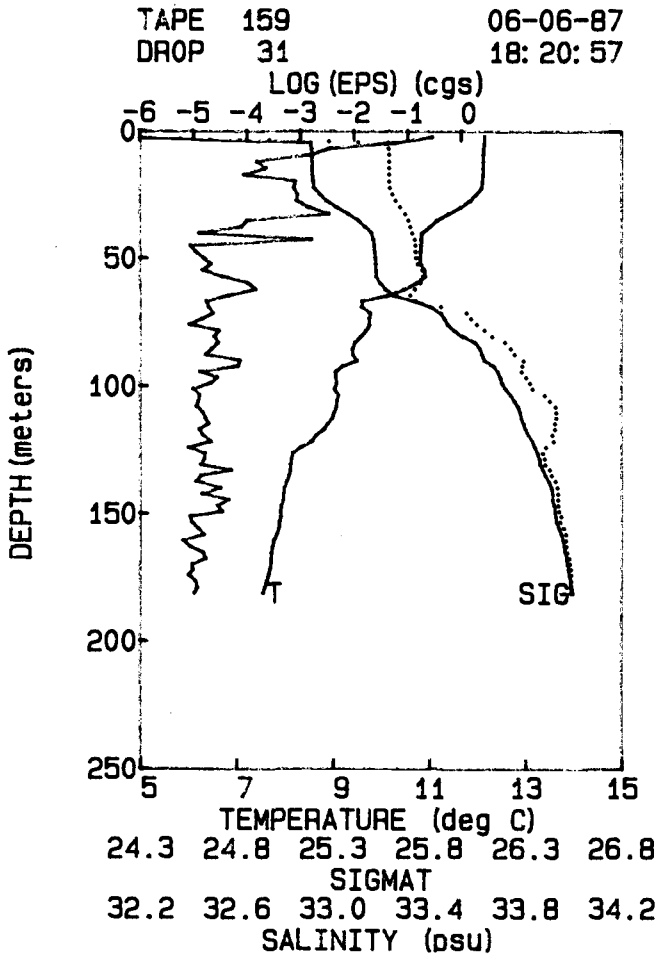
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
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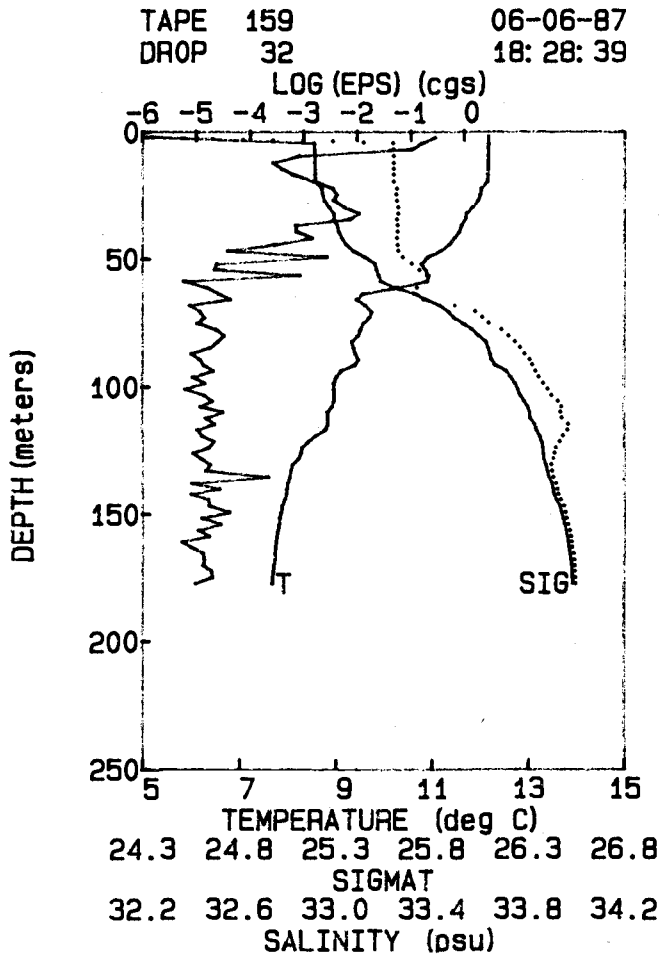
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 32
06-06-87
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LOG (EPS) (cgs)
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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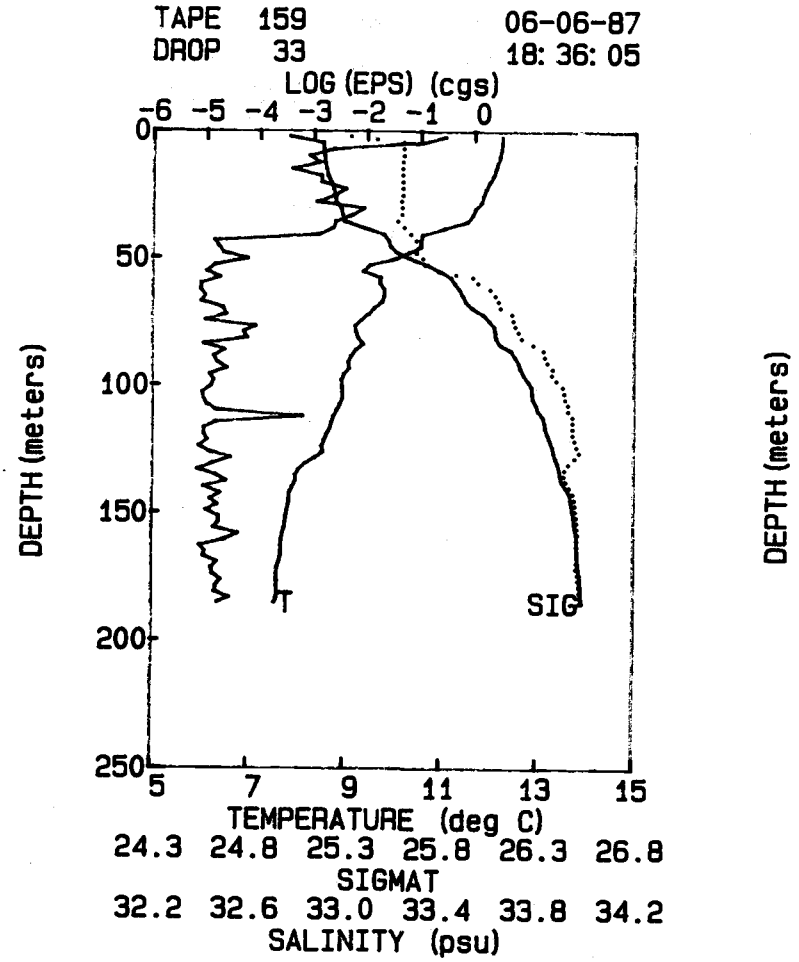
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
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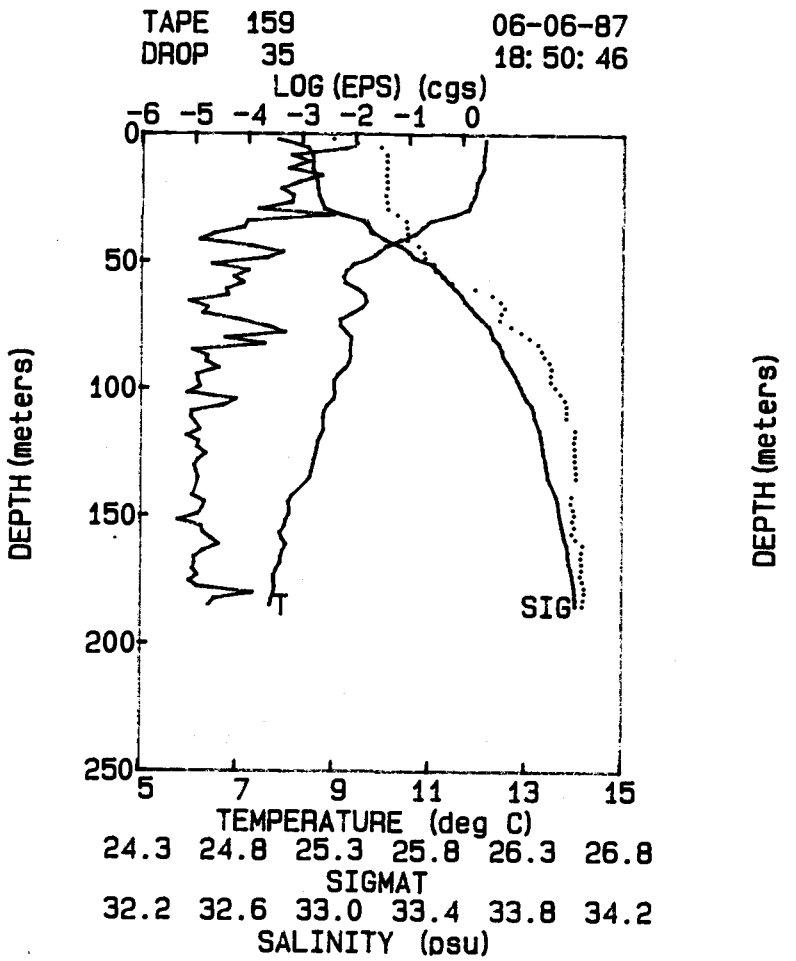
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)
DEPTH (meters)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DROP 35
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LOG (EPS) (cgs)
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DEPTH (meters)
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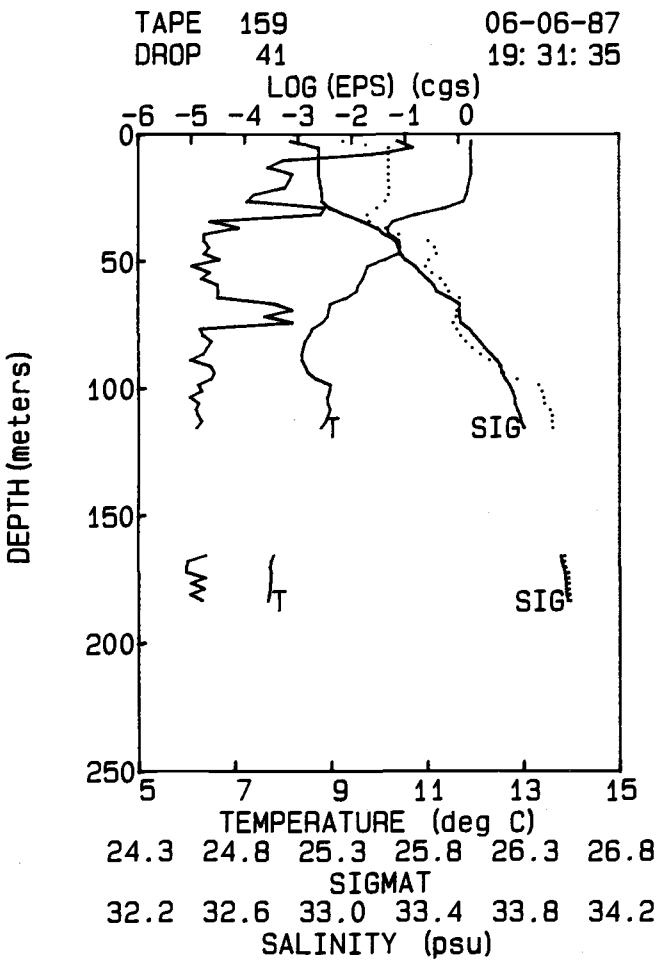
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)
DEPTH (meters)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DROP 41
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19: 31: 35
LOG (EPS) (cgs)
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DEPTH (meters)
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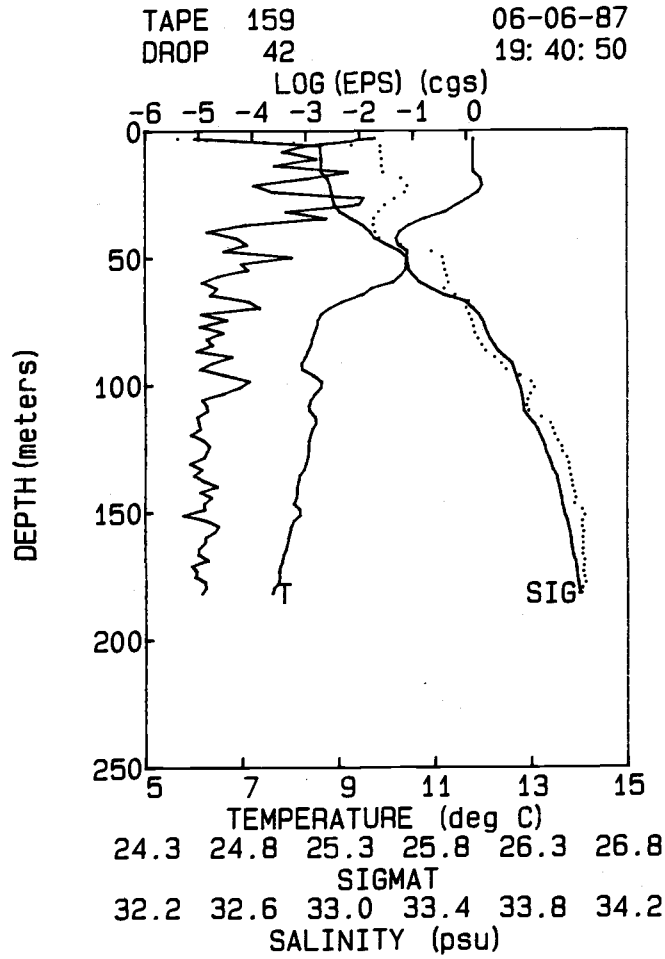
50
100
150
200
250
T
SIG
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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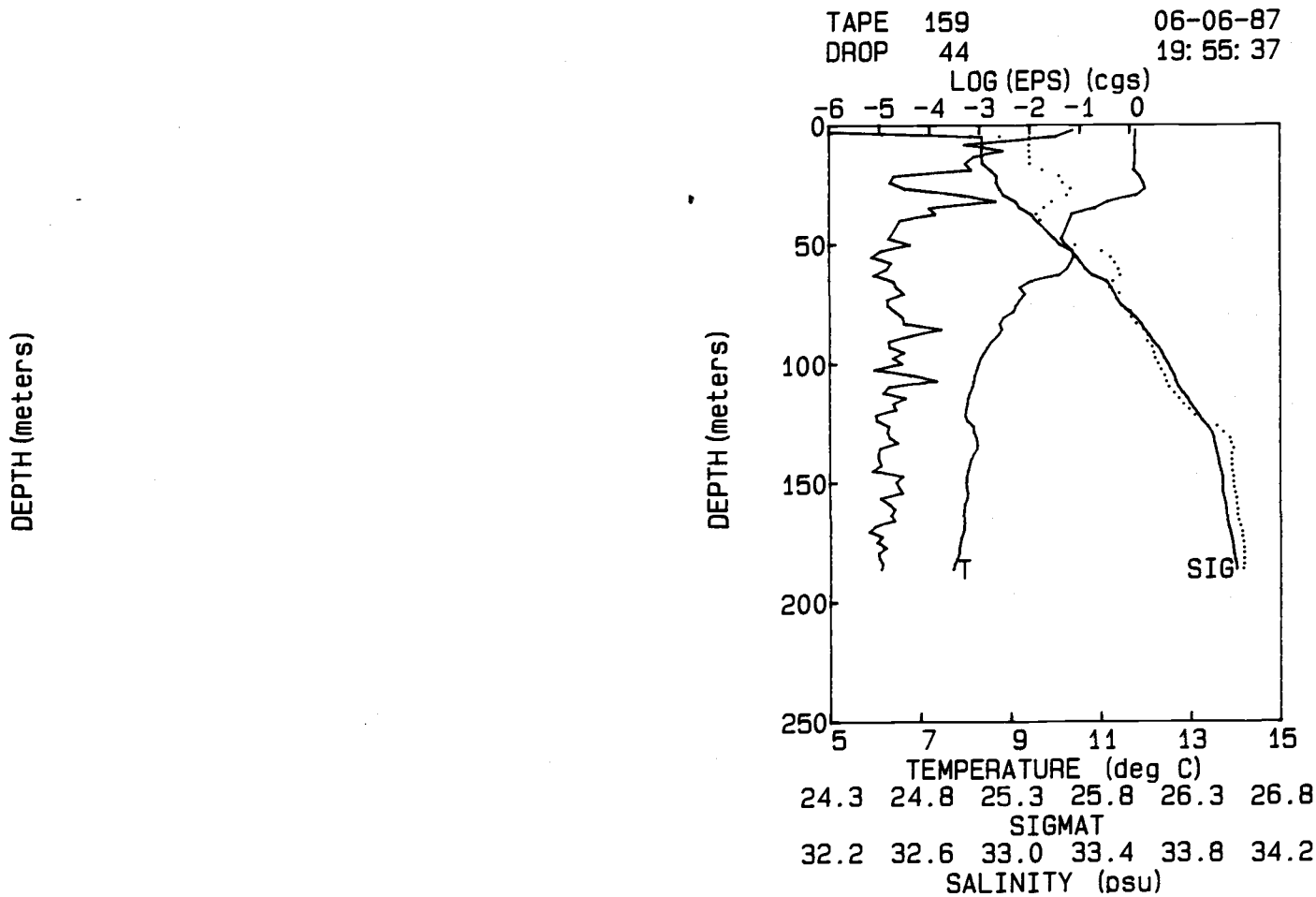
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
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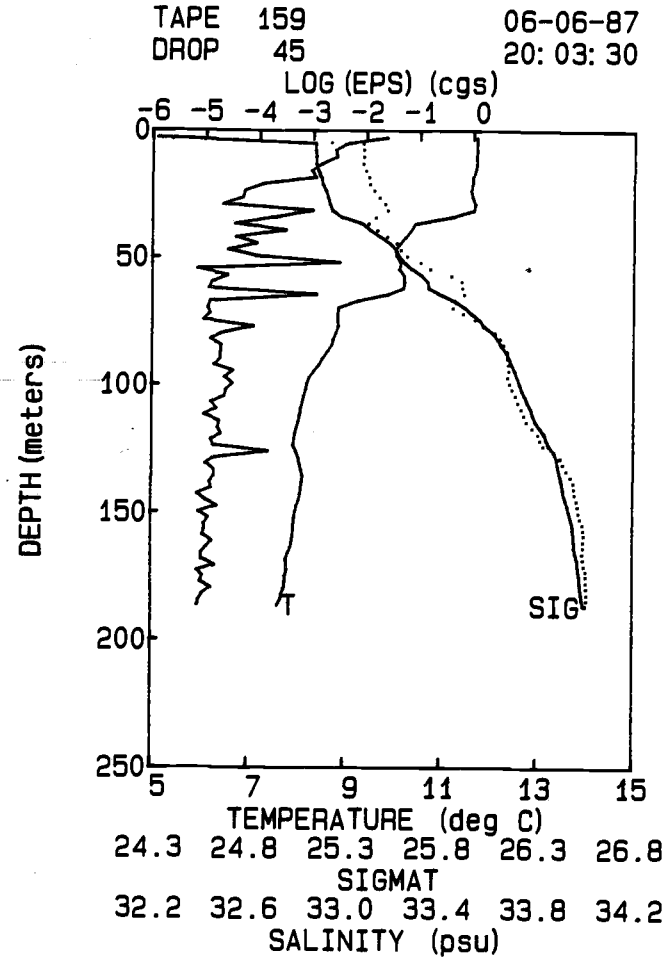
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DROP 45
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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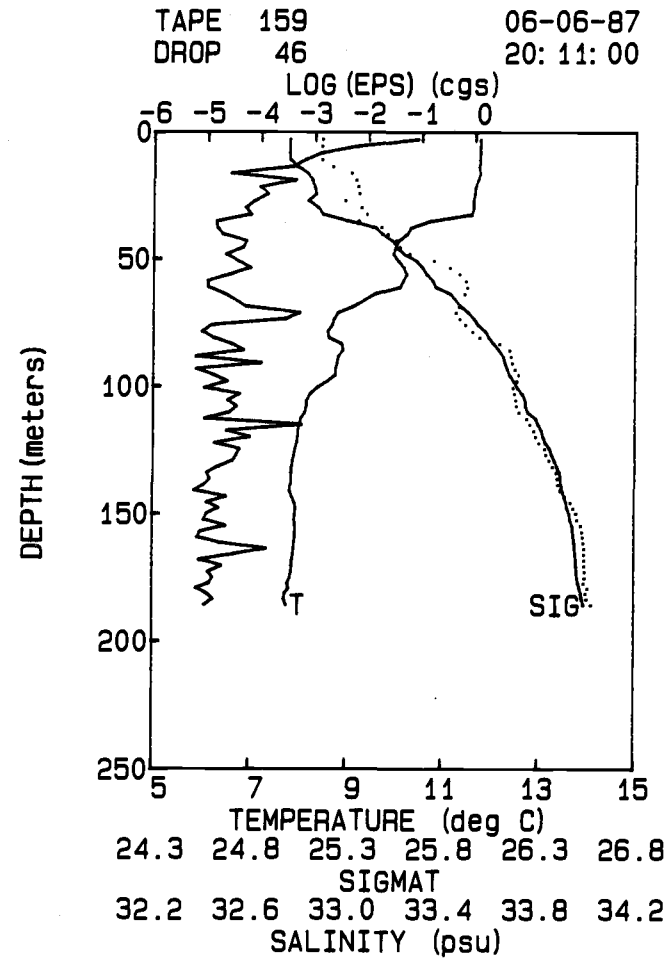
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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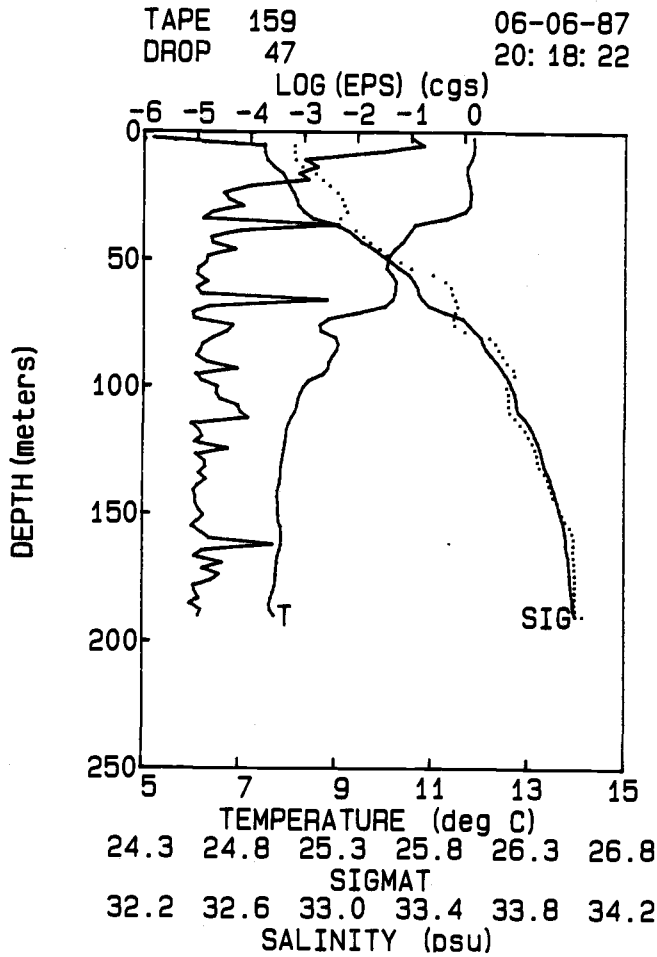
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 47
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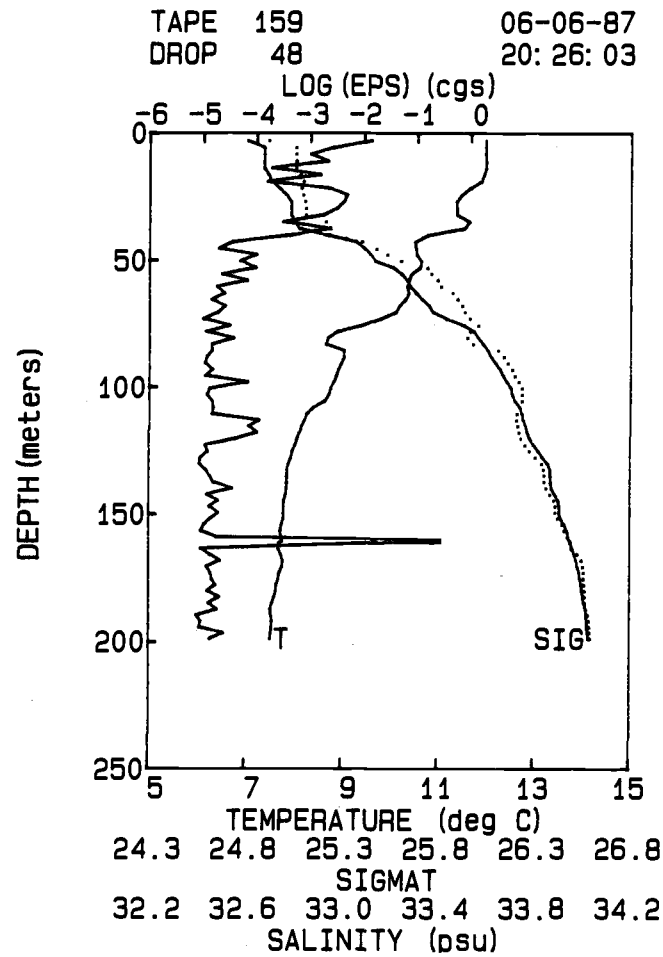
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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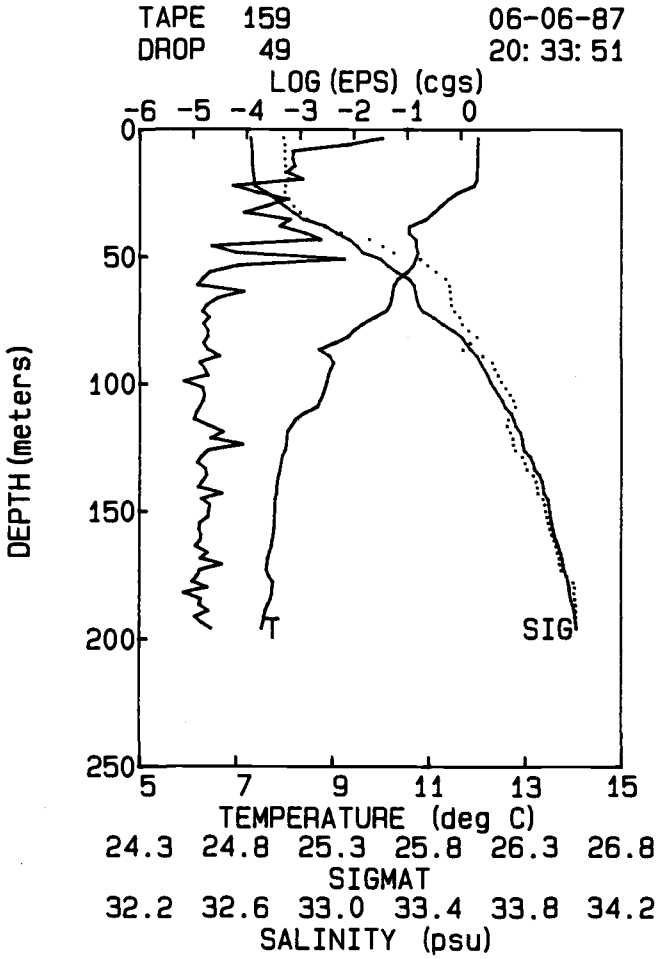
SALINITY (psu)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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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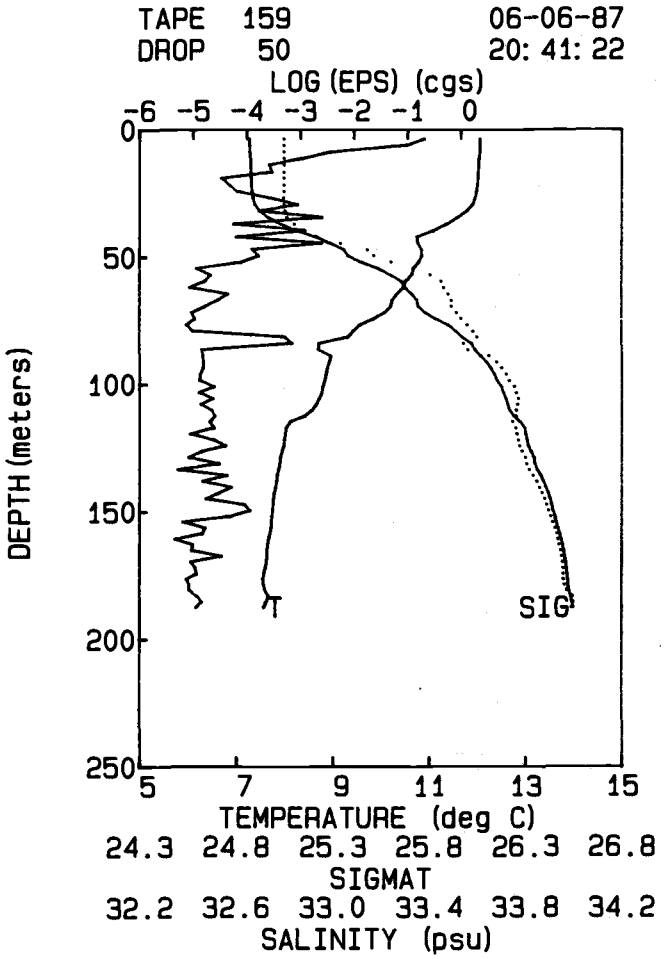
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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250
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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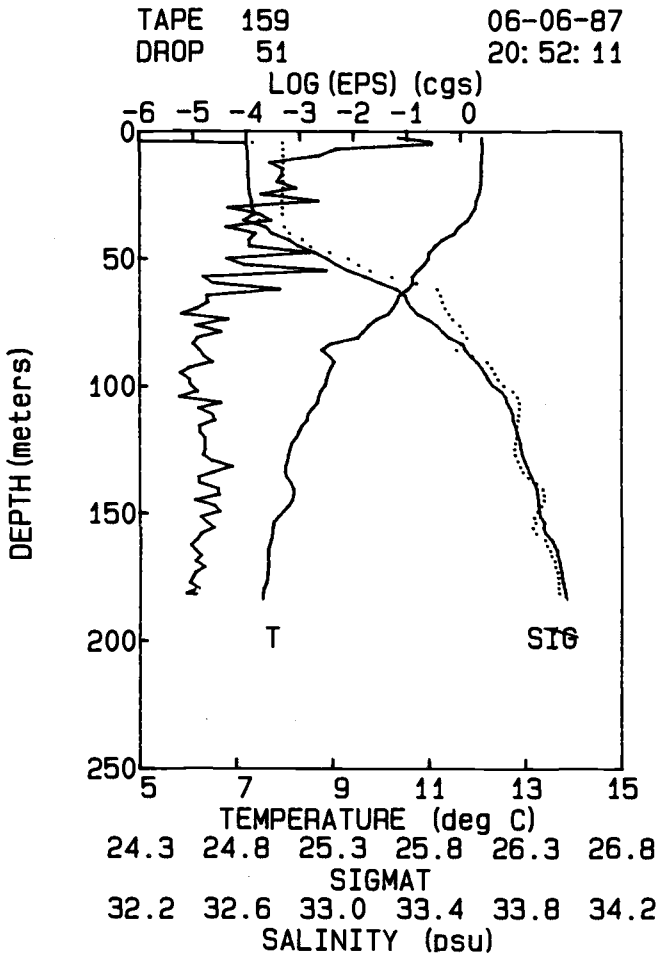
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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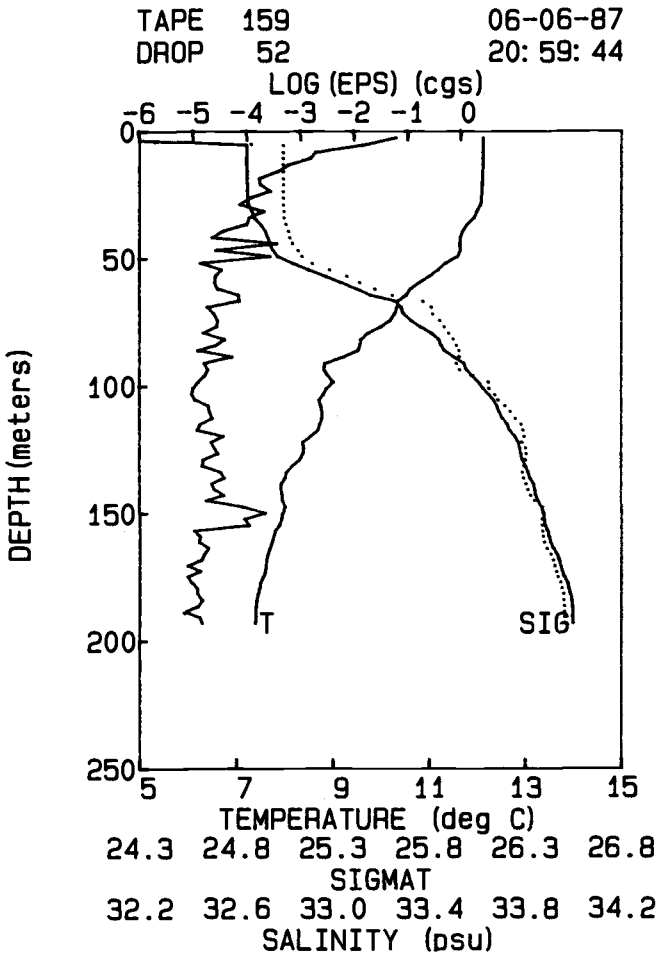
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
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200
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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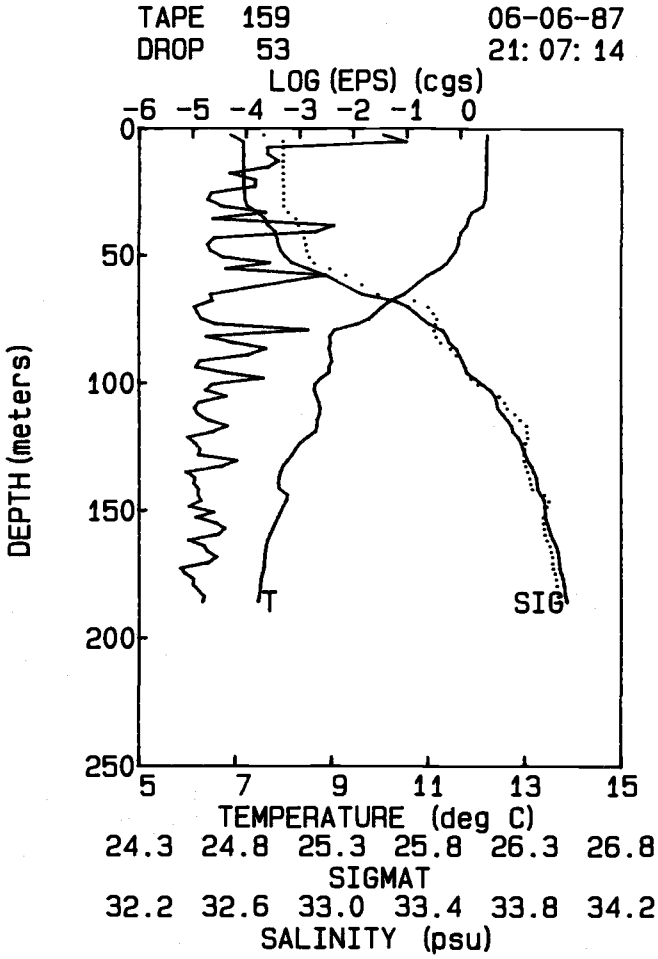
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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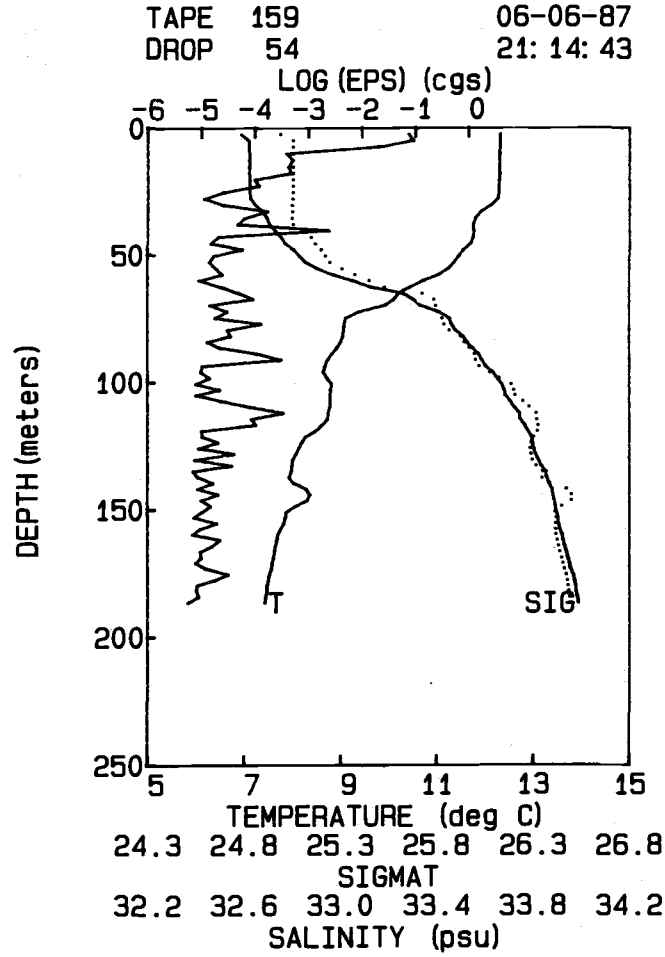
SALINITY (psu)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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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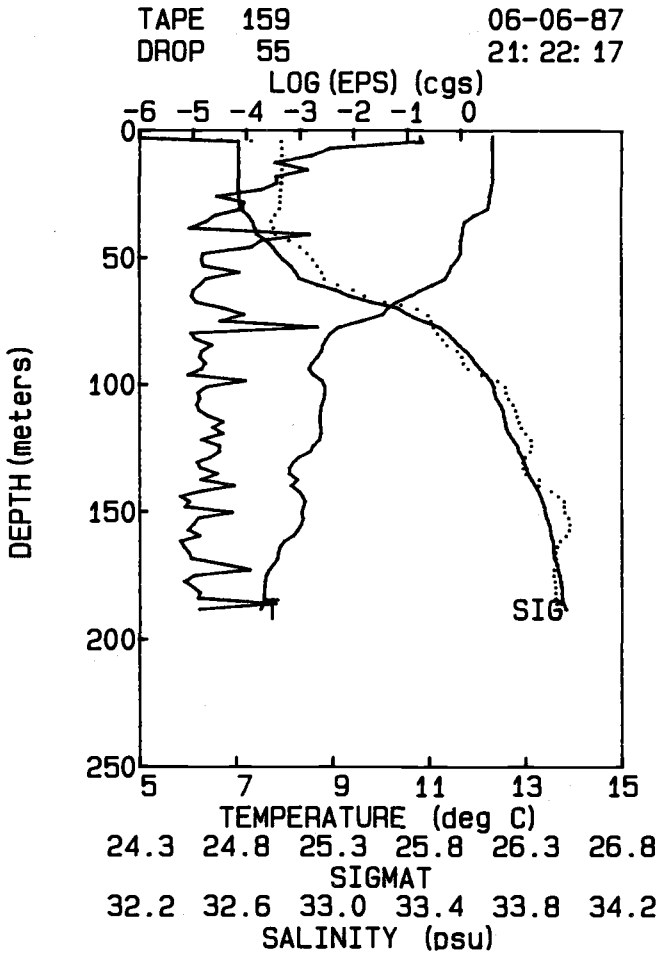
SALINITY (psu)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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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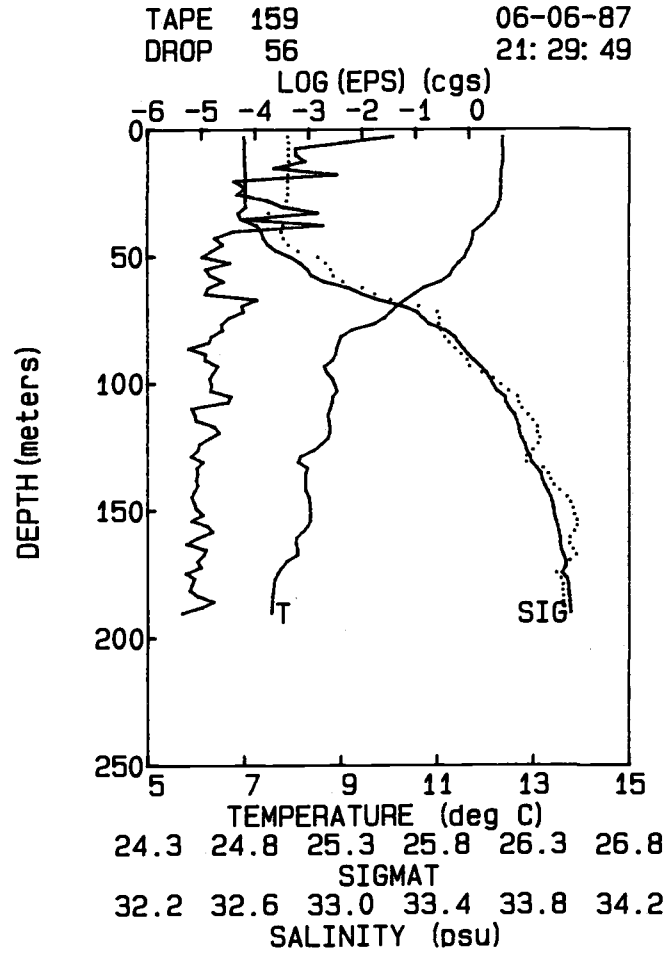
SALINITY (psu)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200
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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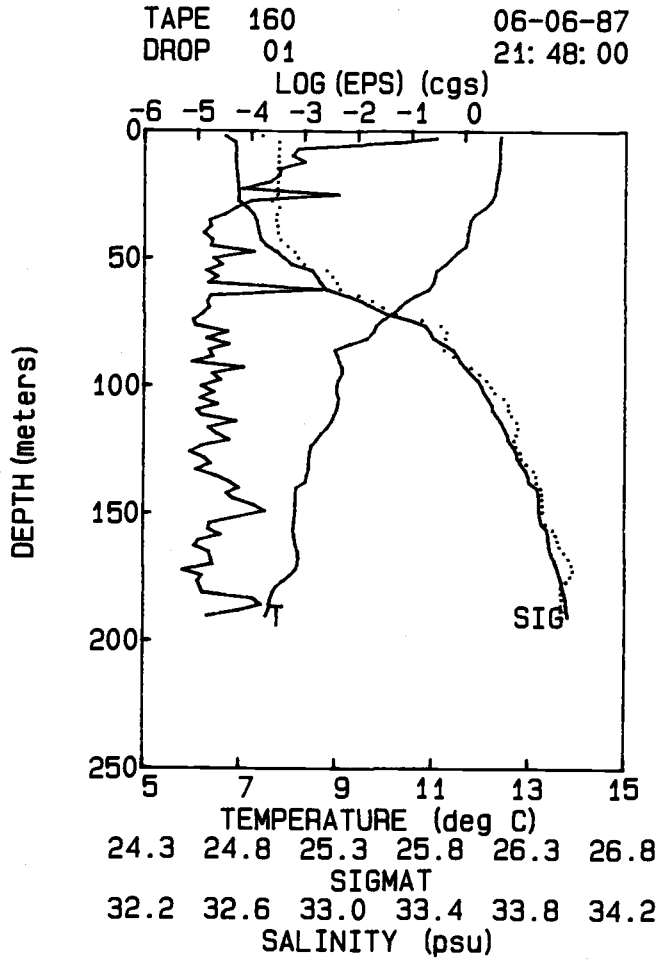
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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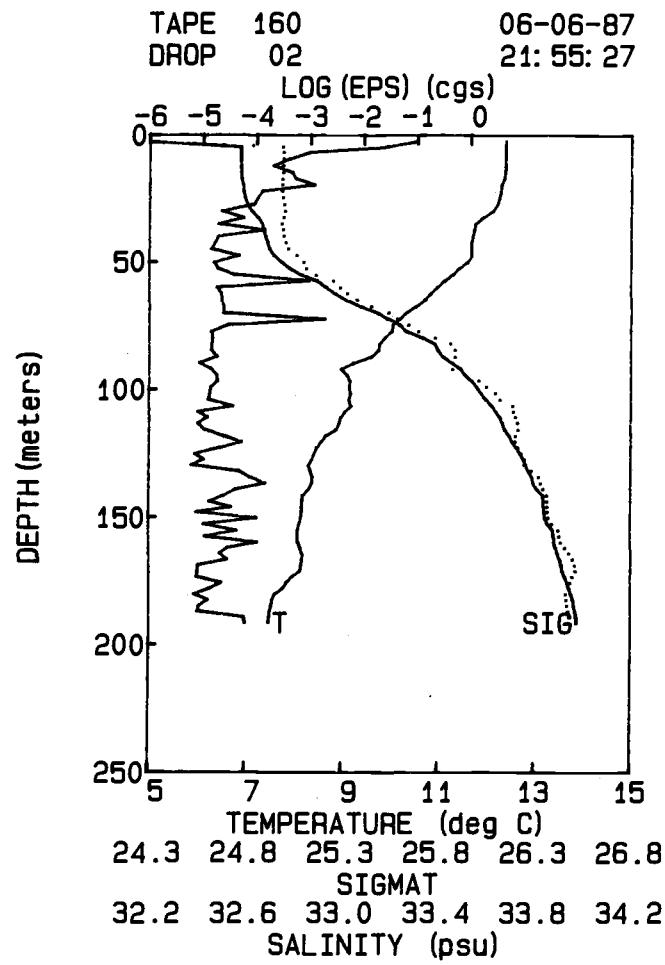
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DROP 02
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100
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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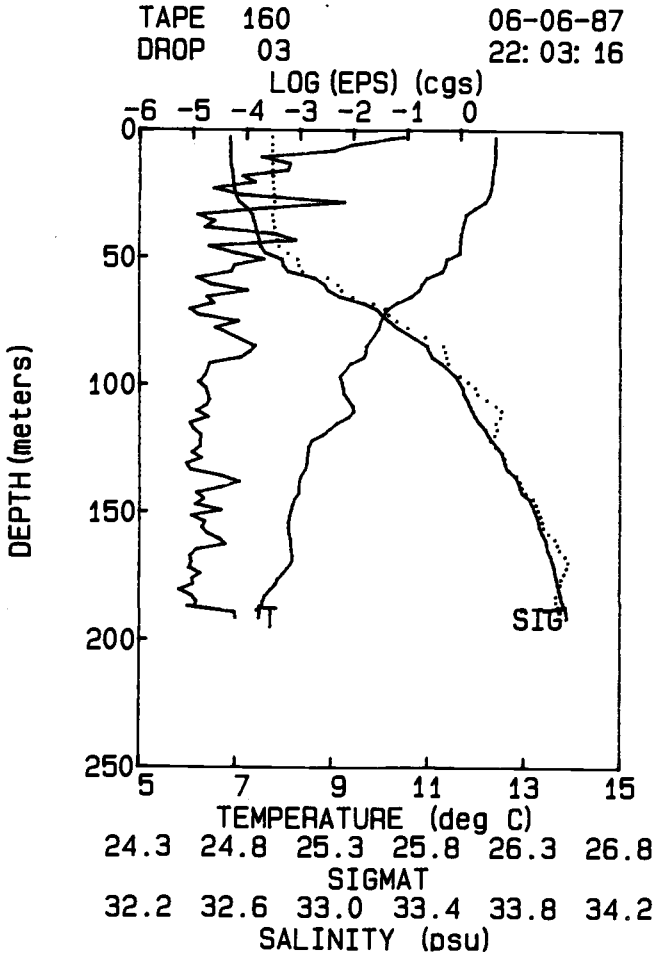
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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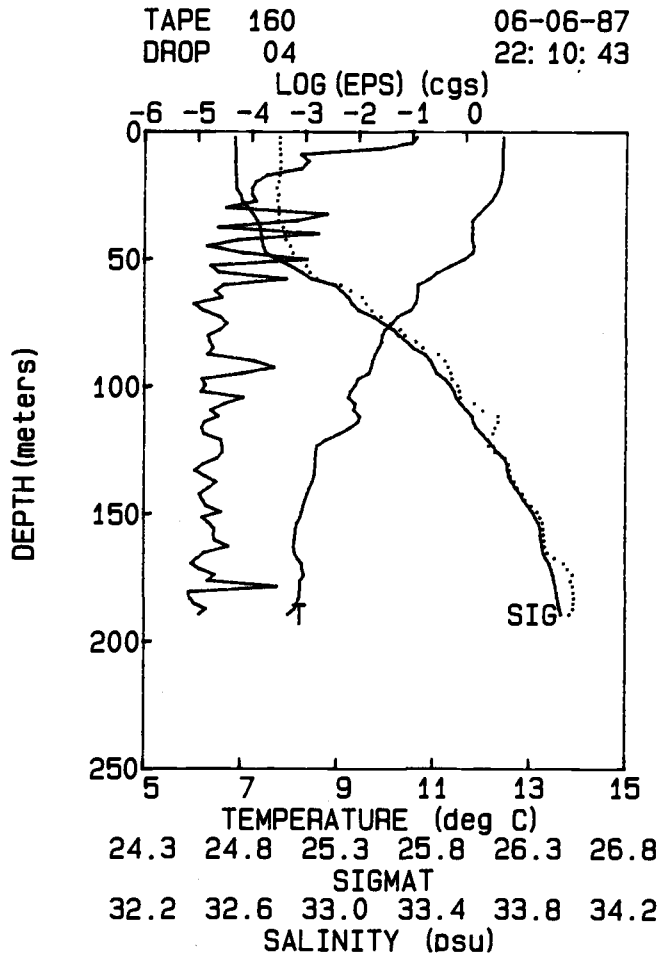
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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150
200
250
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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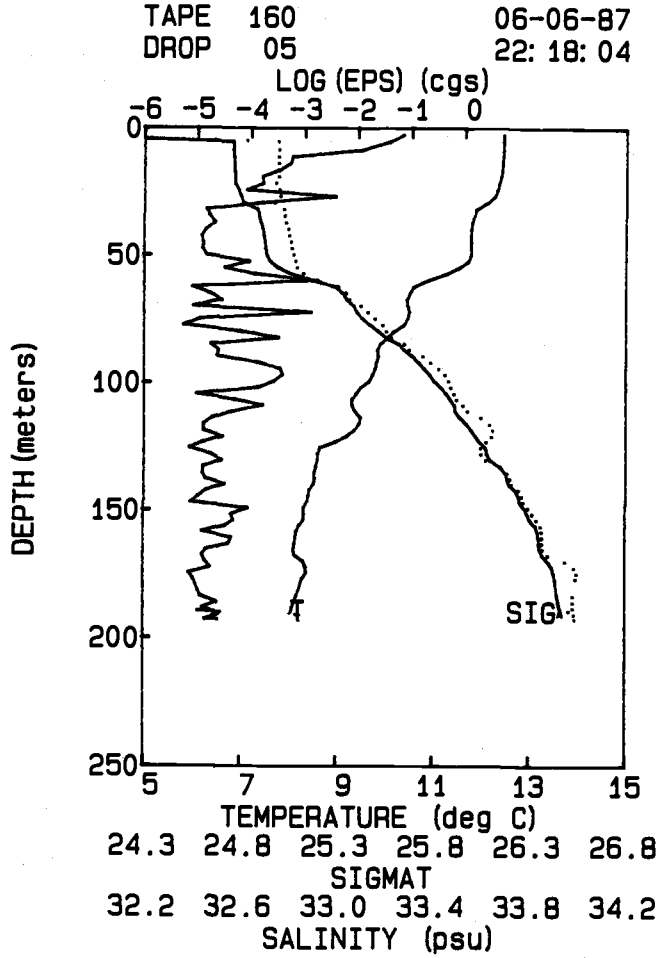
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200
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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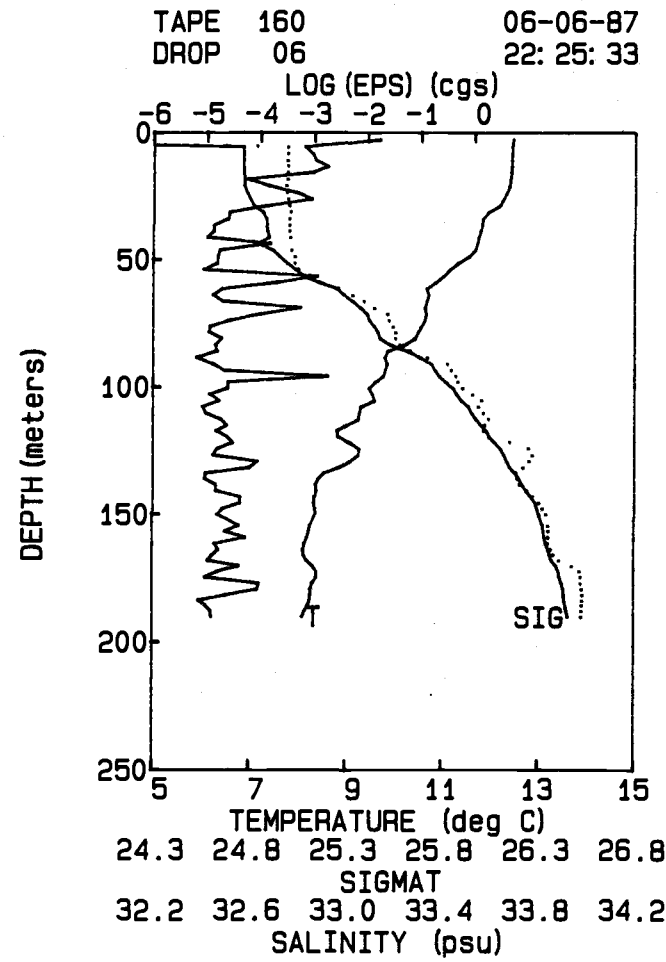
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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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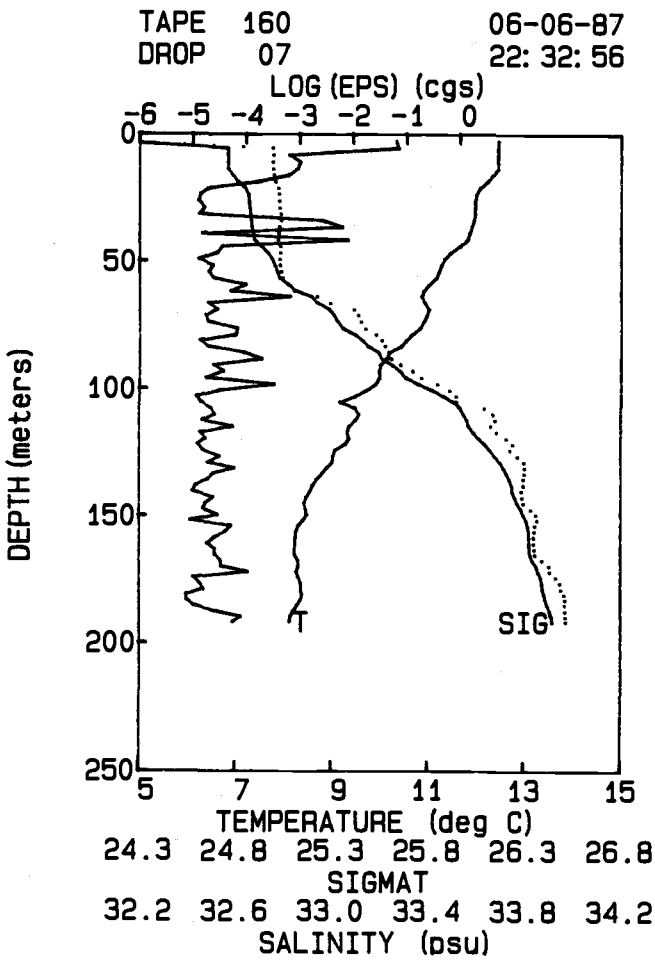
SALINITY (psu)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200
250
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SIG
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TEMPERATURE (deg C)
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SIGMAT
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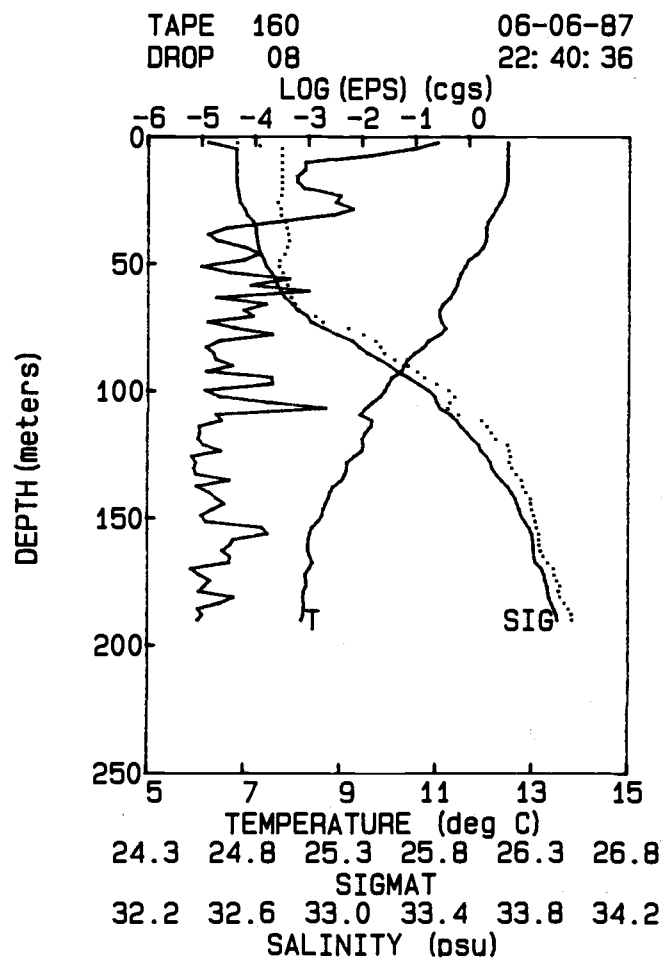
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DEPTH (meters)
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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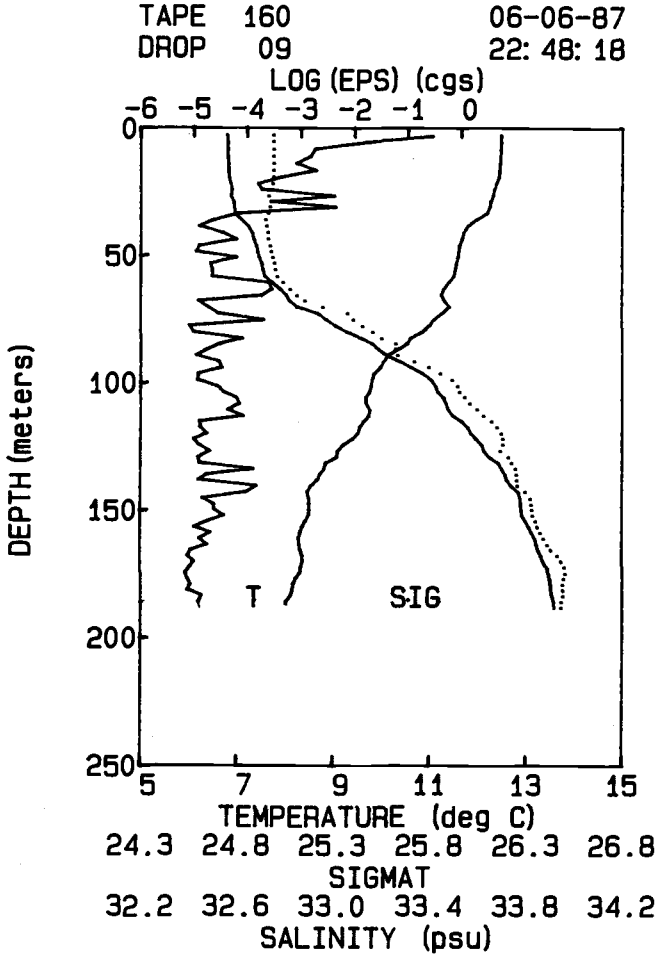
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DEPTH (meters)
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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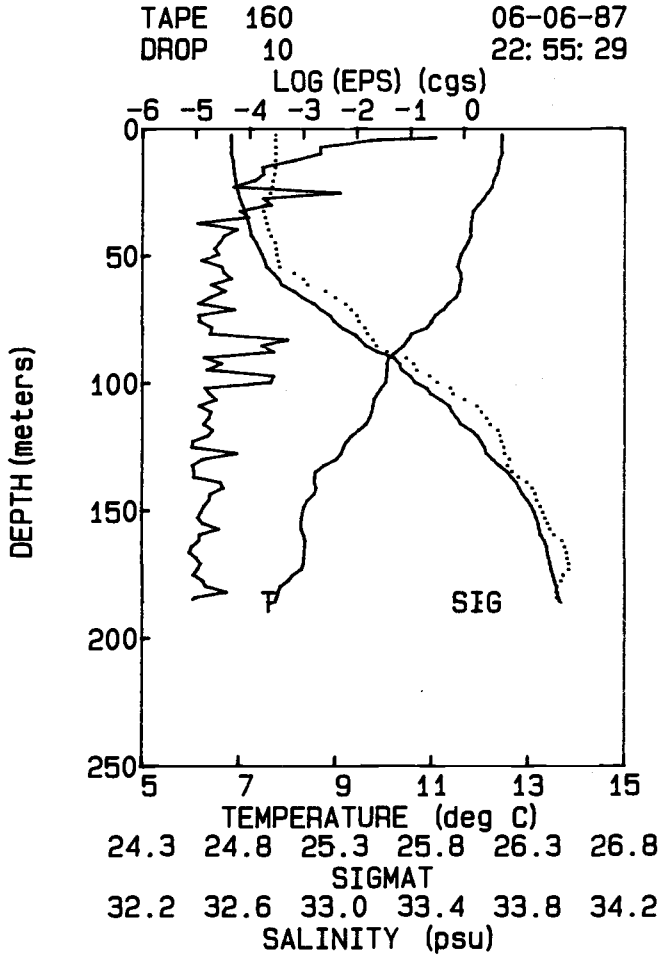
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200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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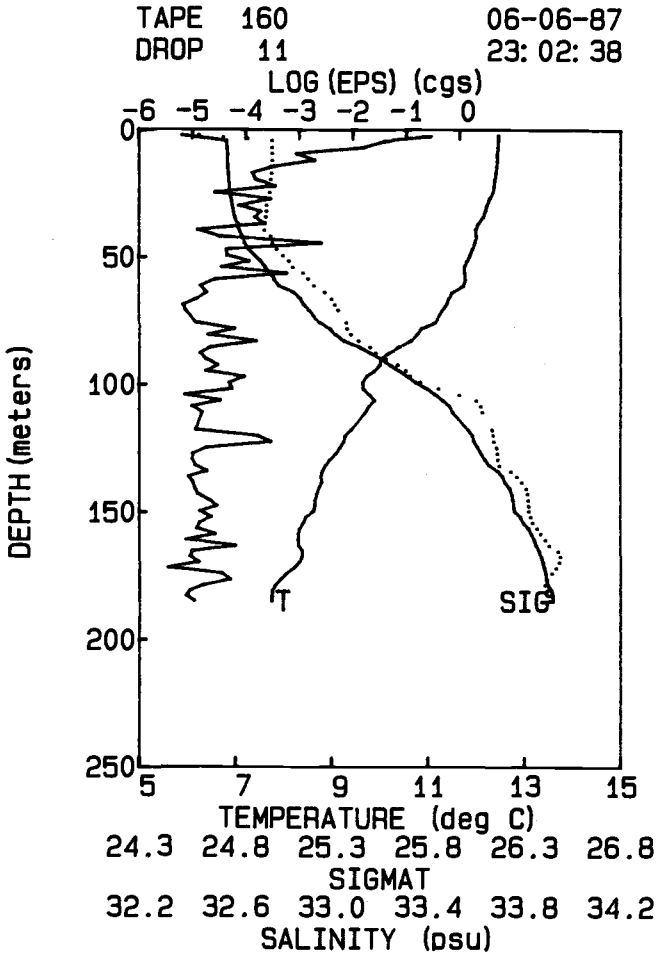
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100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
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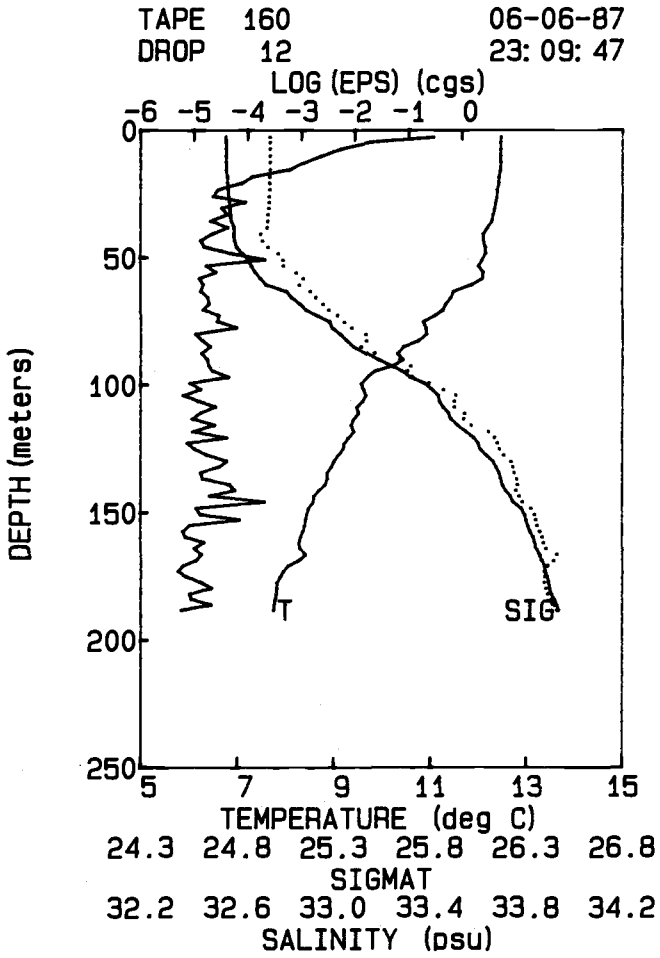
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150
200
250
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SIG
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TEMPERATURE (deg C)
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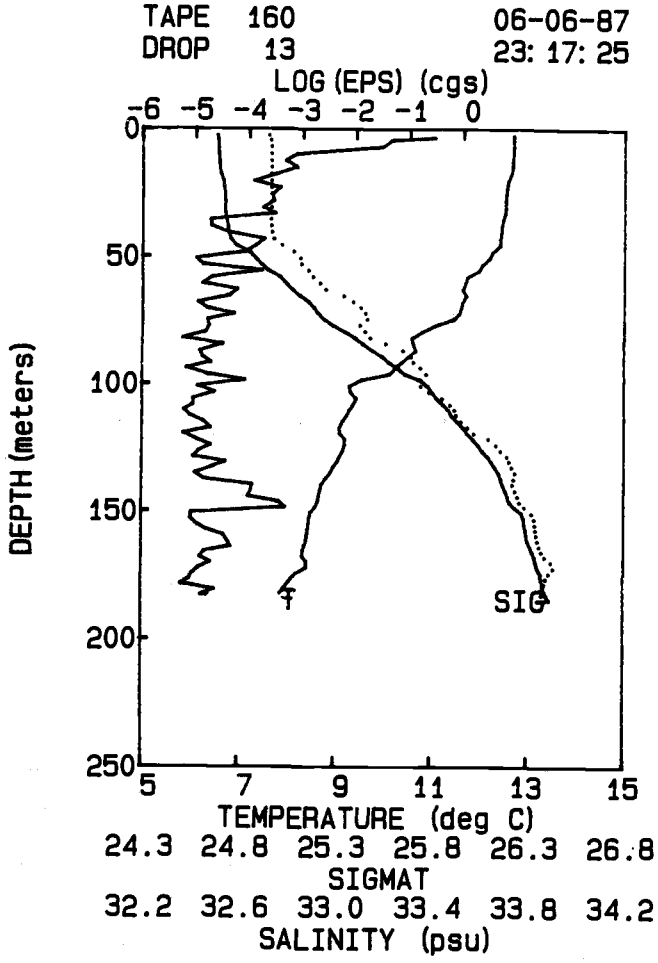
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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SIG
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TEMPERATURE (deg C)
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SIGMAT
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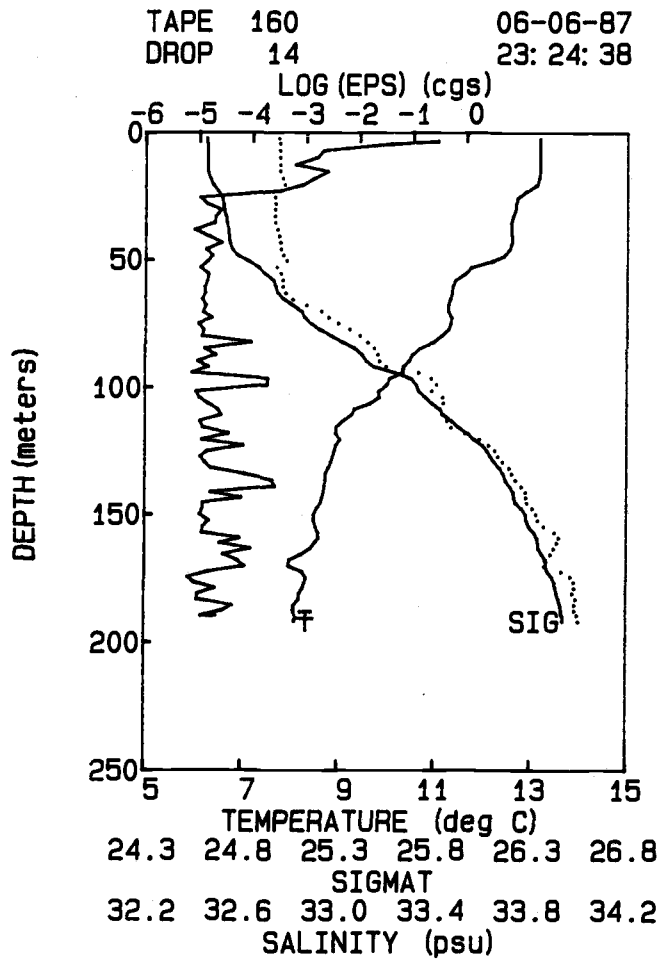
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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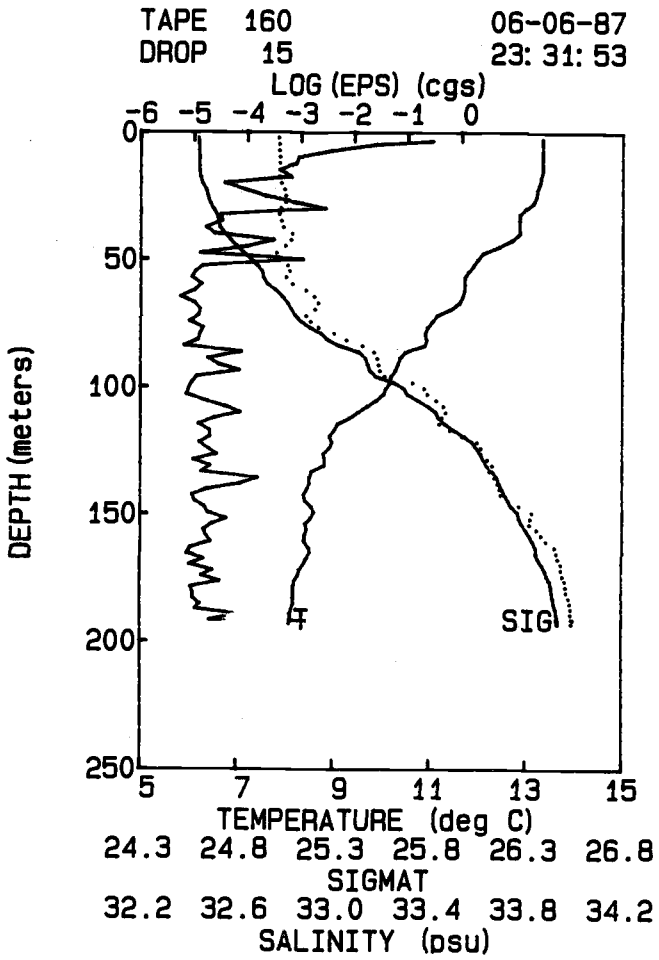
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DEPTH (meters)
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SIG
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TEMPERATURE (deg C)
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SIGMAT
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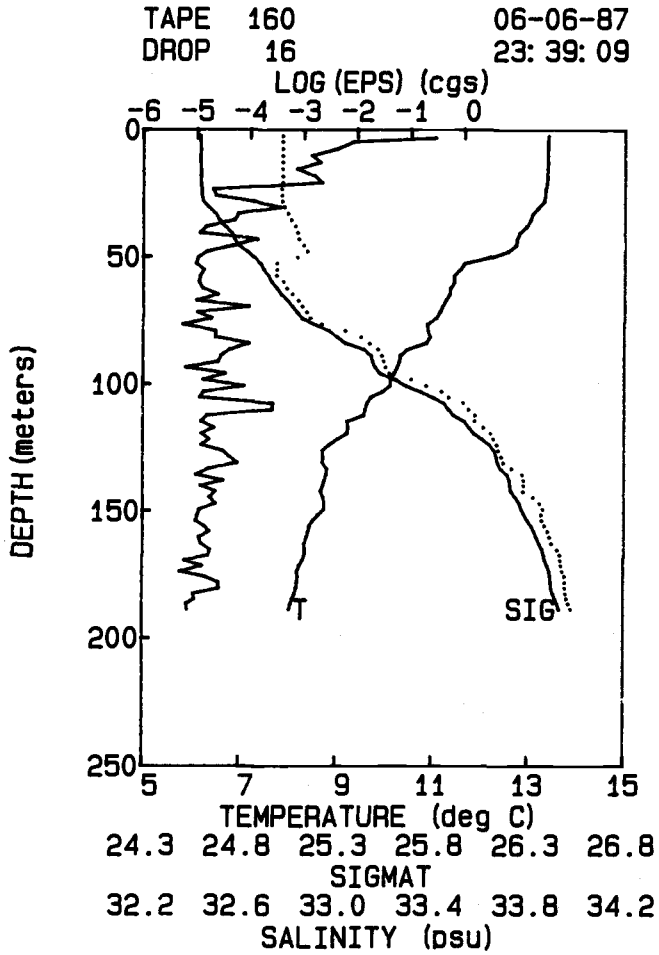
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SIG
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TEMPERATURE (deg C)
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SIGMAT
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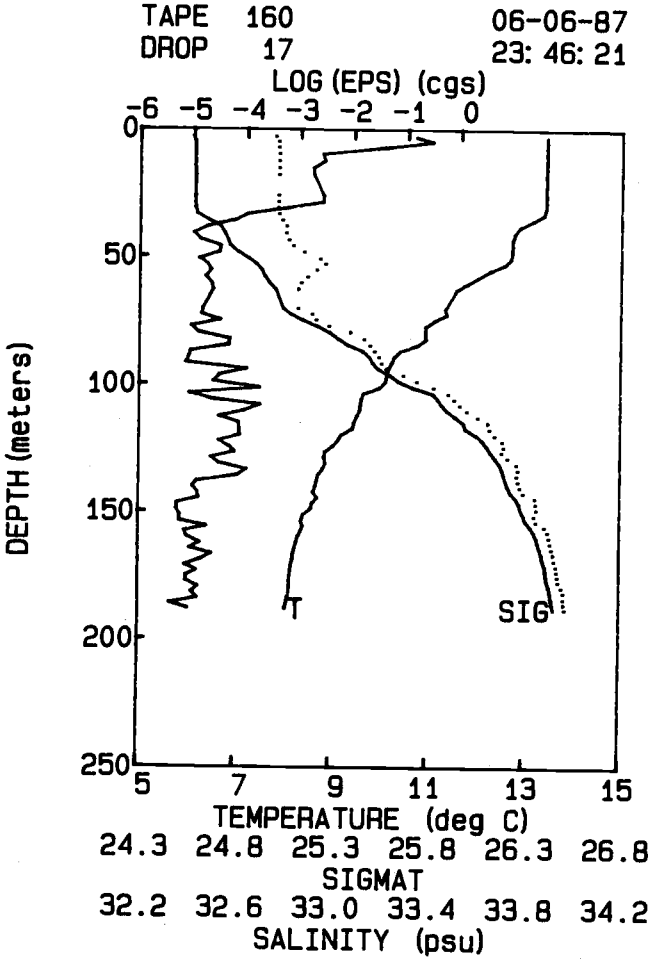
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250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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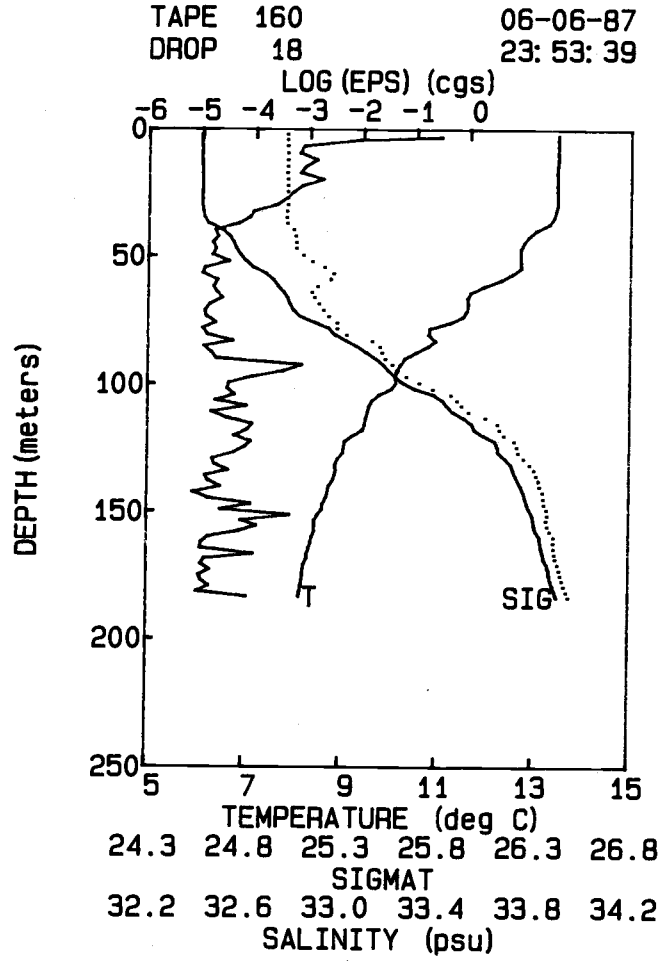
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SIG
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SIGMAT
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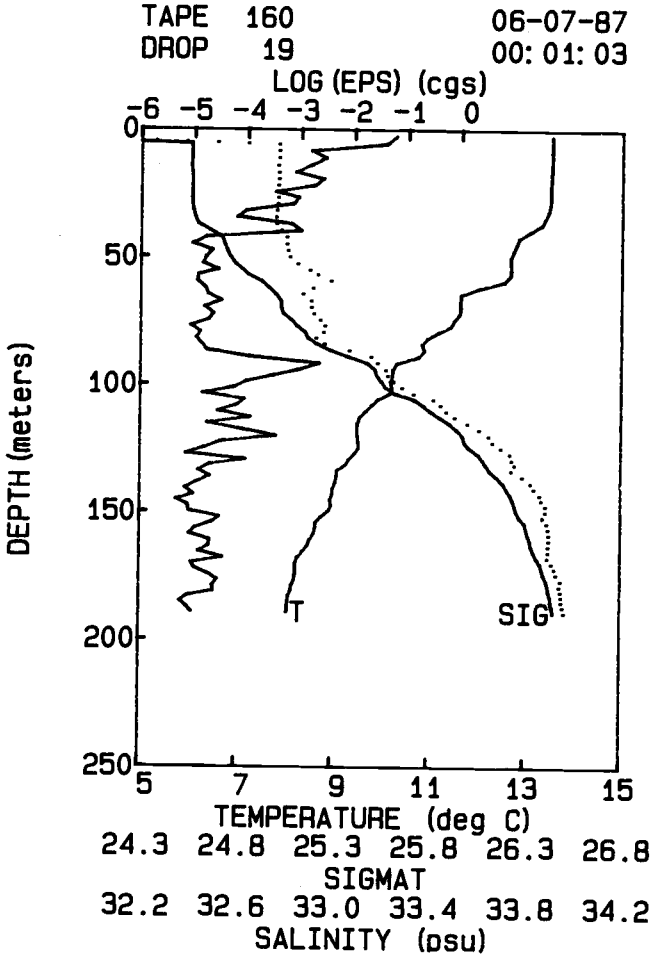
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200
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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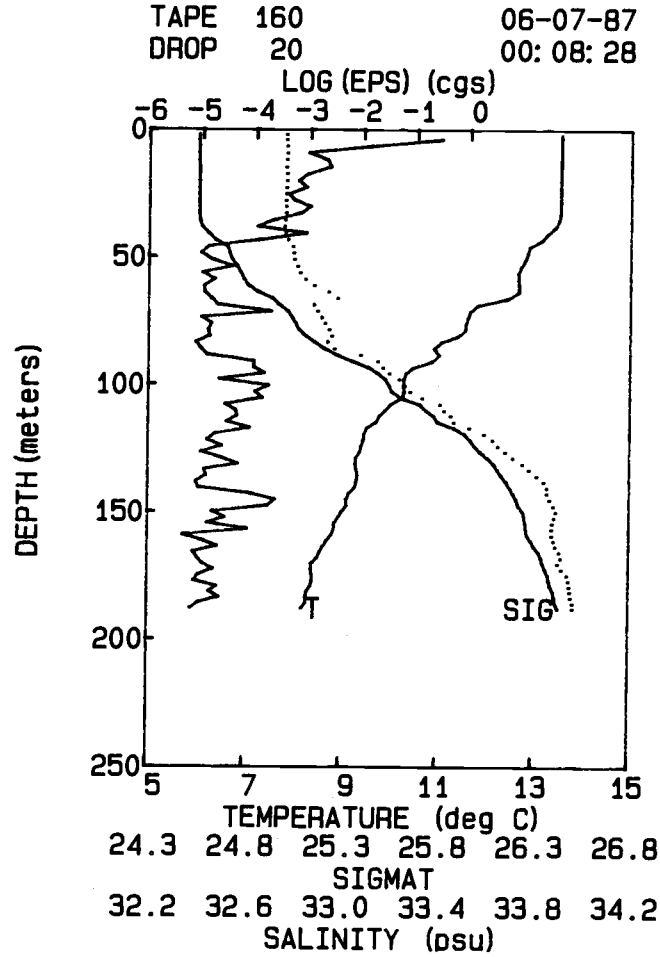
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200
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T
SIG
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TEMPERATURE (deg C)
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SIGMAT
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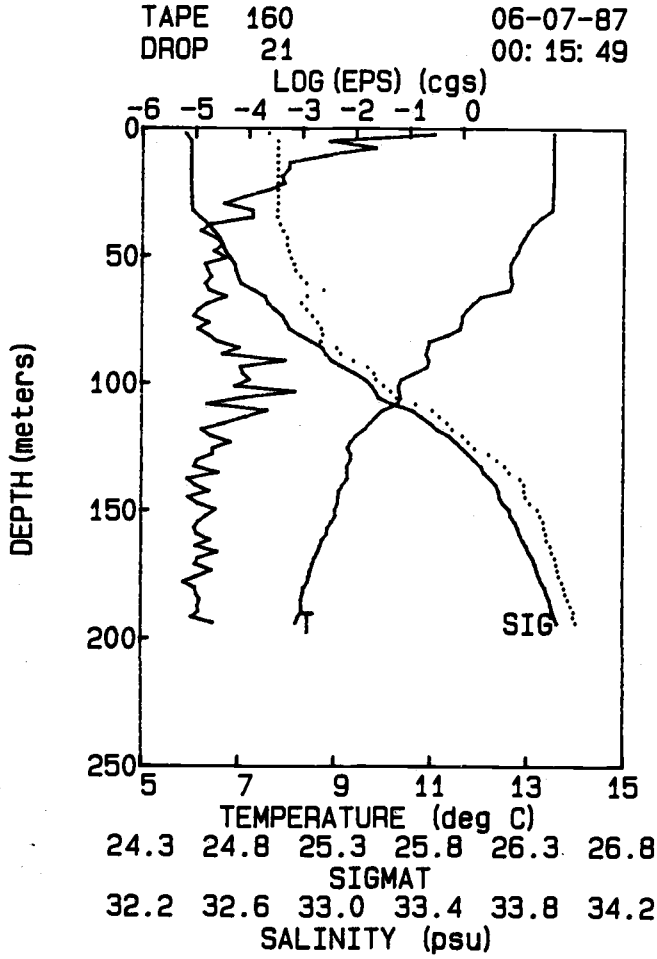
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SIG
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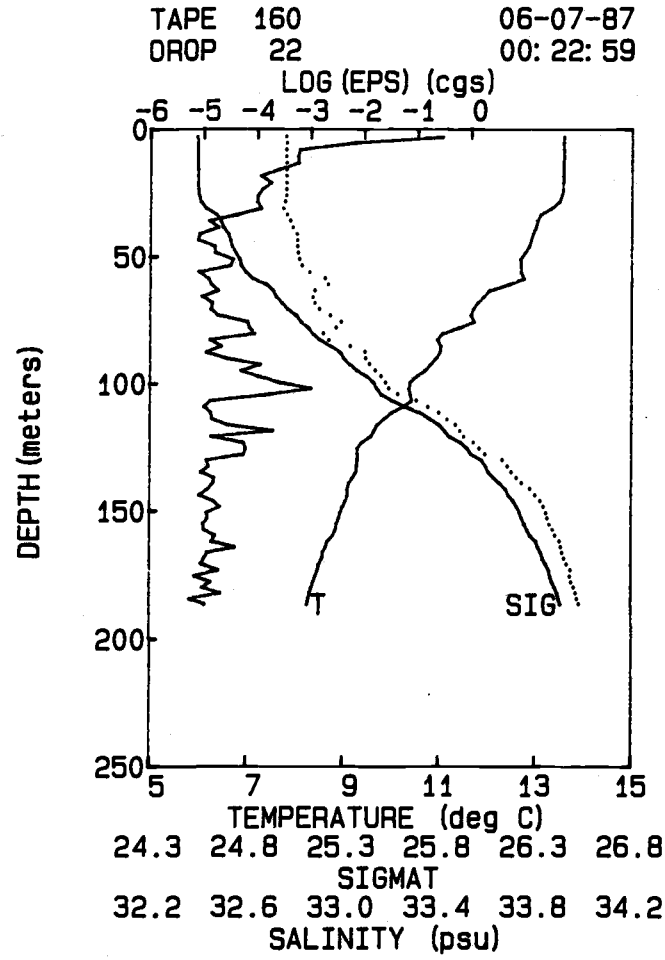
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SIG
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TEMPERATURE (deg C)
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SIGMAT
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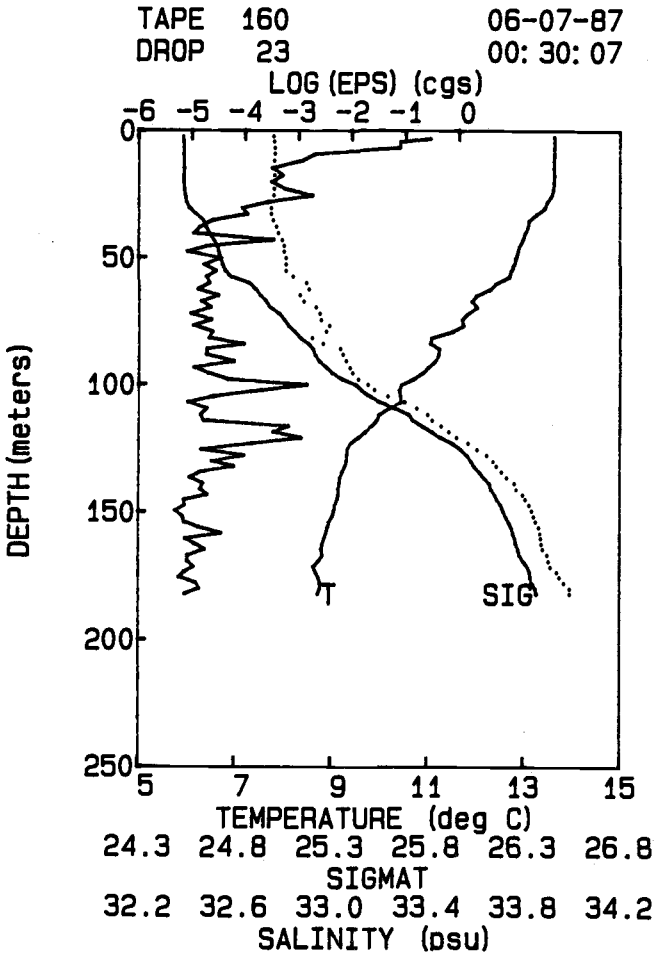
SALINITY (psu)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SIG
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TEMPERATURE (deg C)
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SIGMAT
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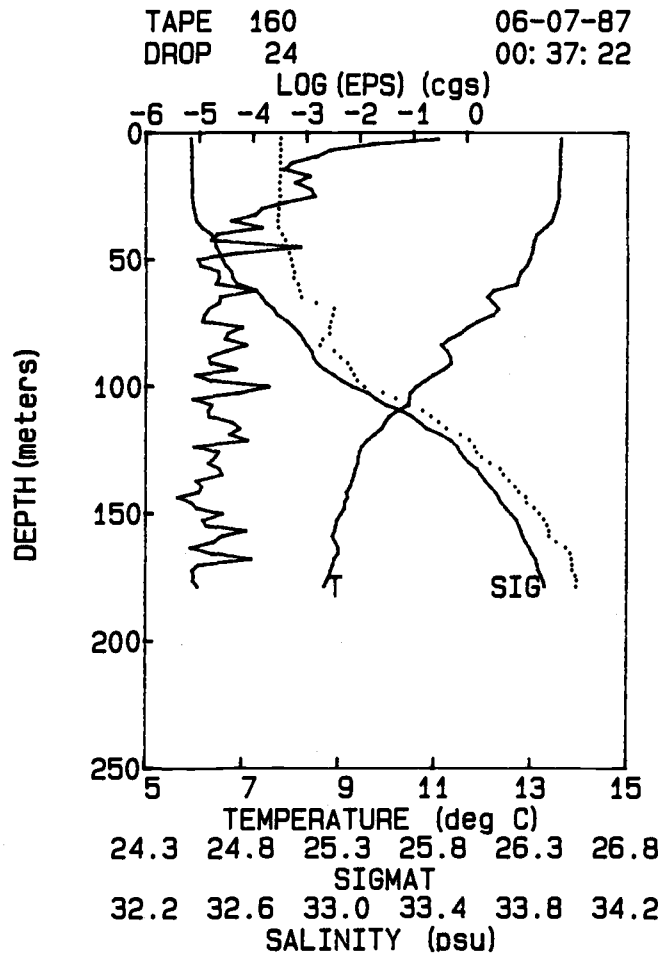
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SIG
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TEMPERATURE (deg C)
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SIGMAT
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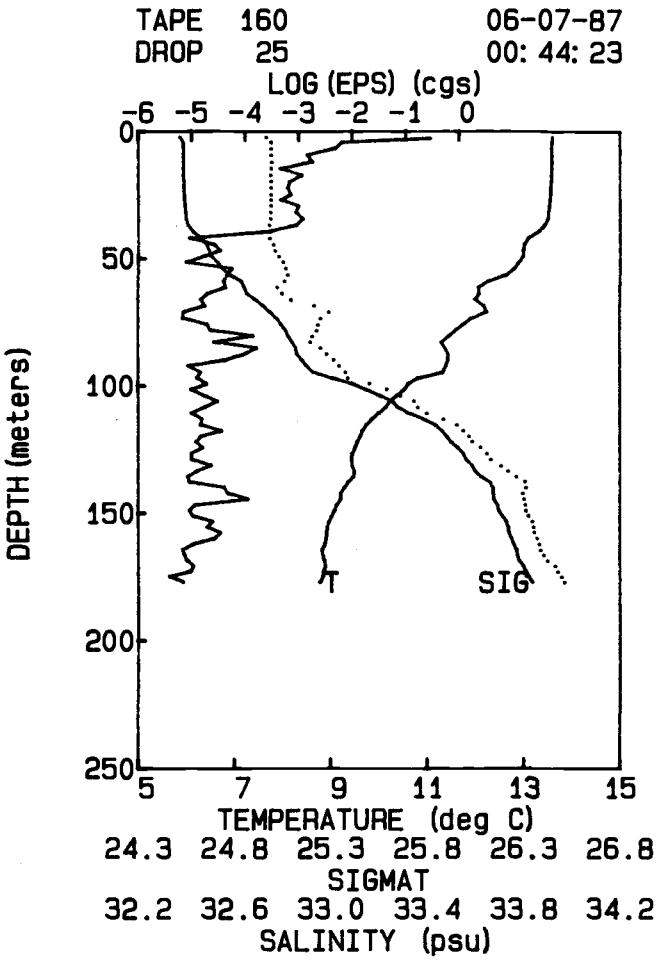
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T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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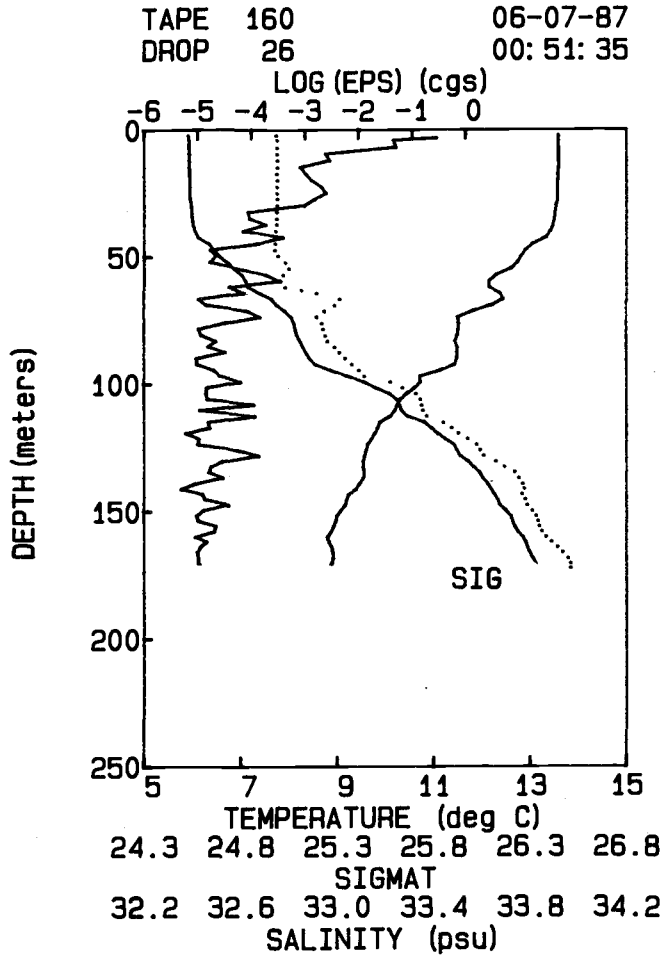
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SIG
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TEMPERATURE (deg C)
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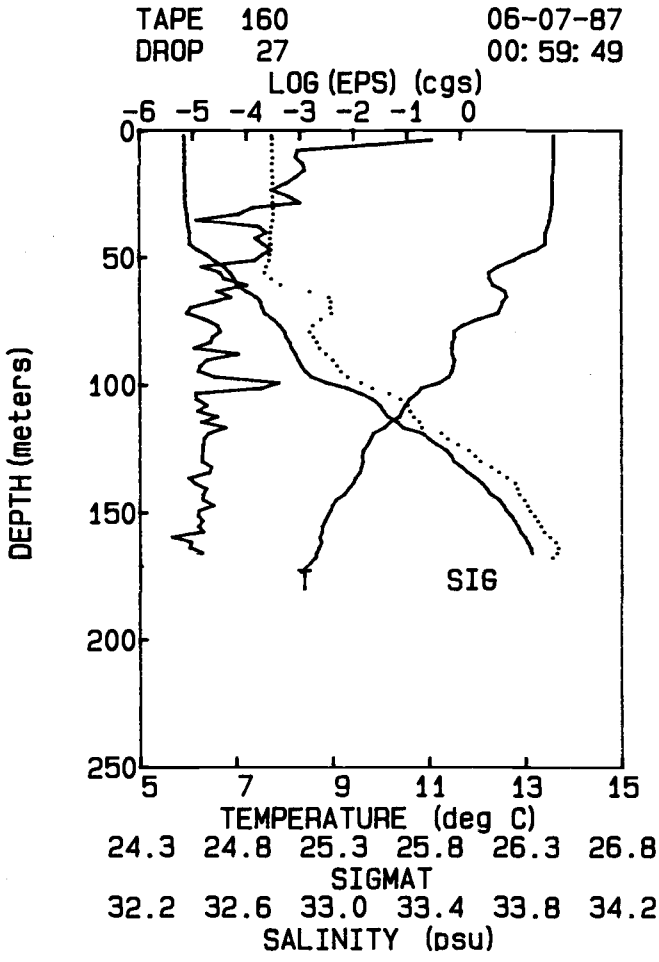
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)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SIG
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SIGMAT
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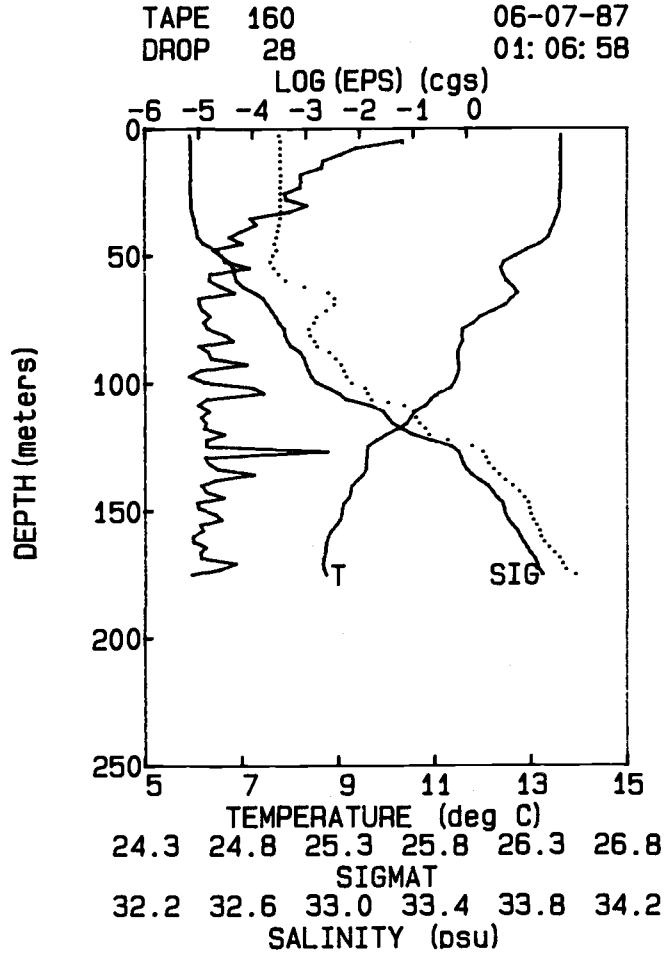
SALINITY (psu)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SIG
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TEMPERATURE (deg C)
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SIGMAT
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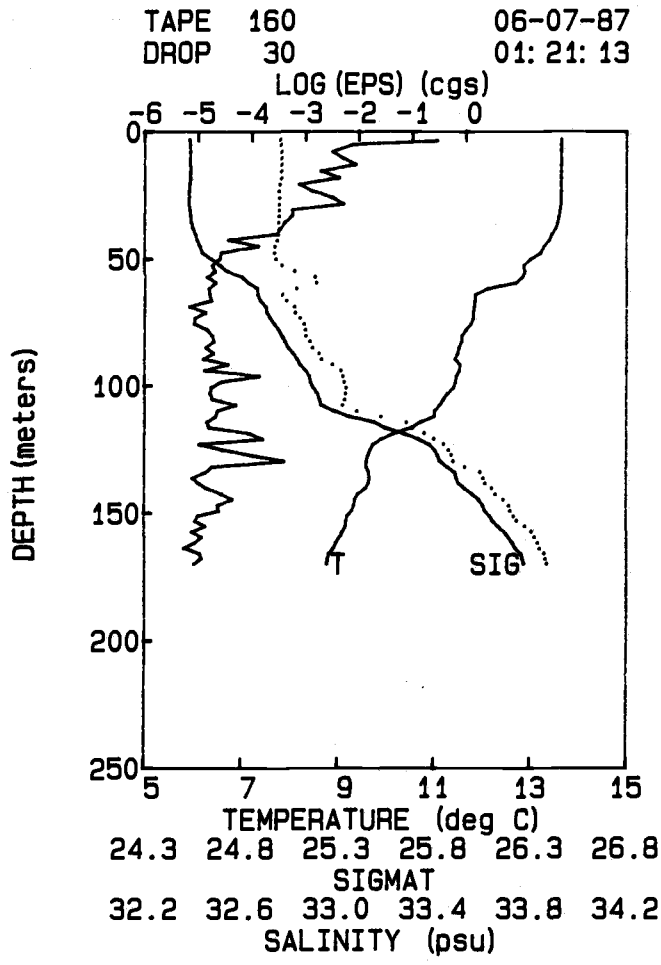
SALINITY (psu)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SIG
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SIGMAT
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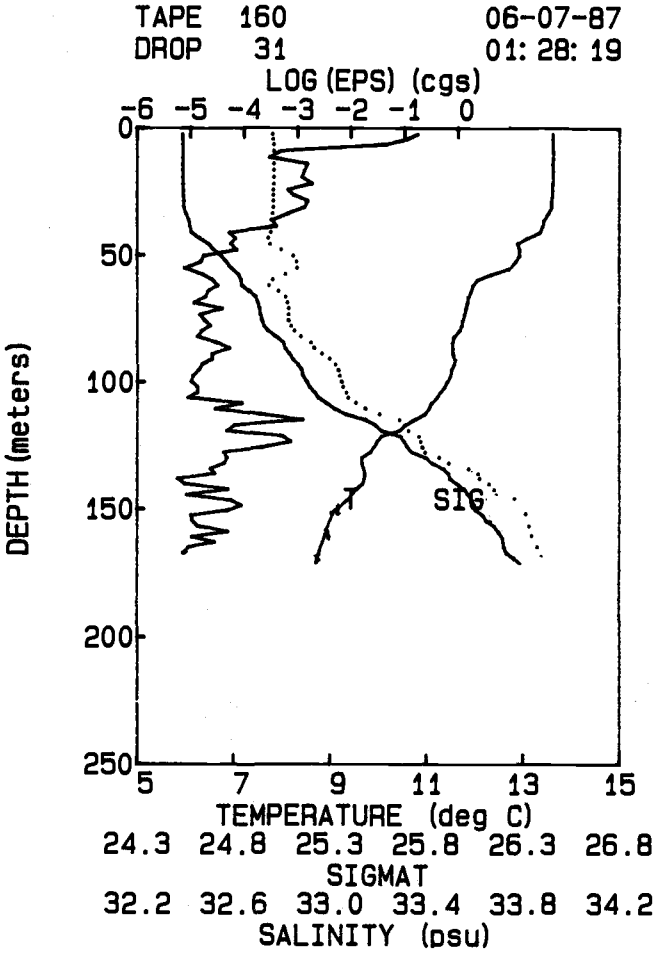
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SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
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SIGMAT
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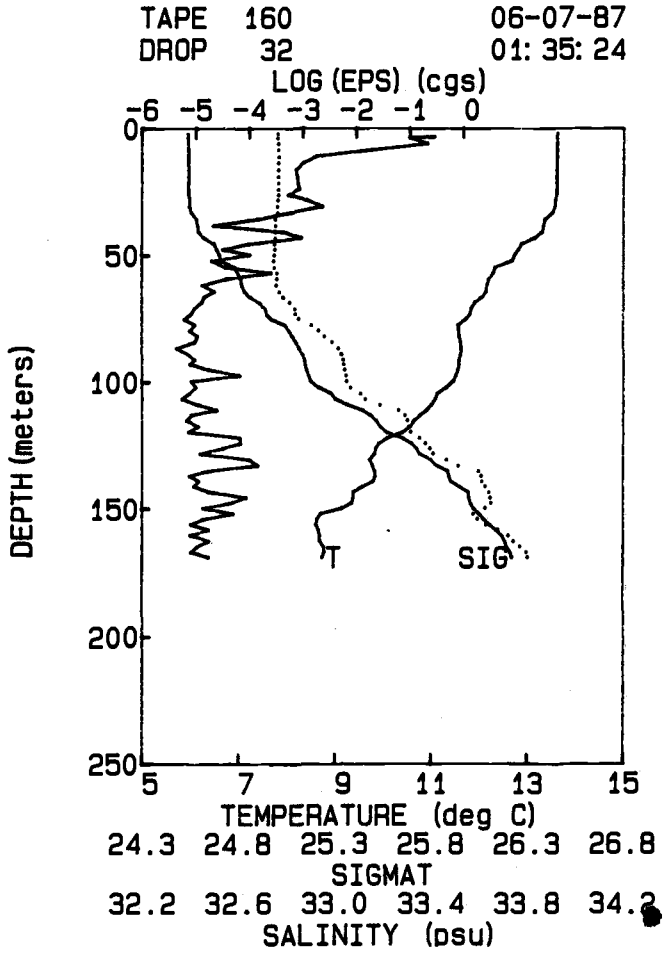
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SIG
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TEMPERATURE (deg C)
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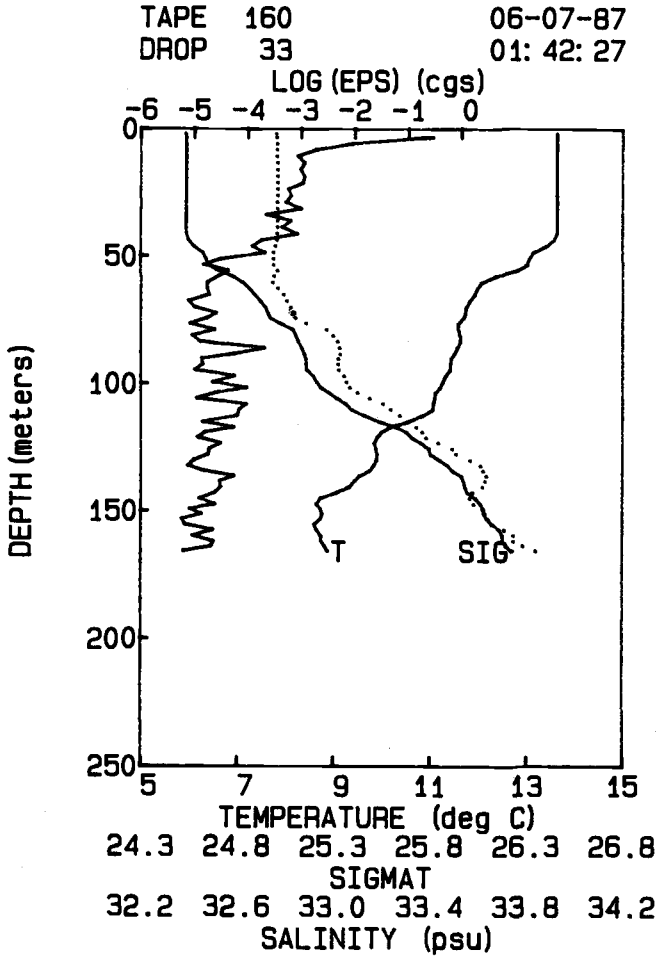
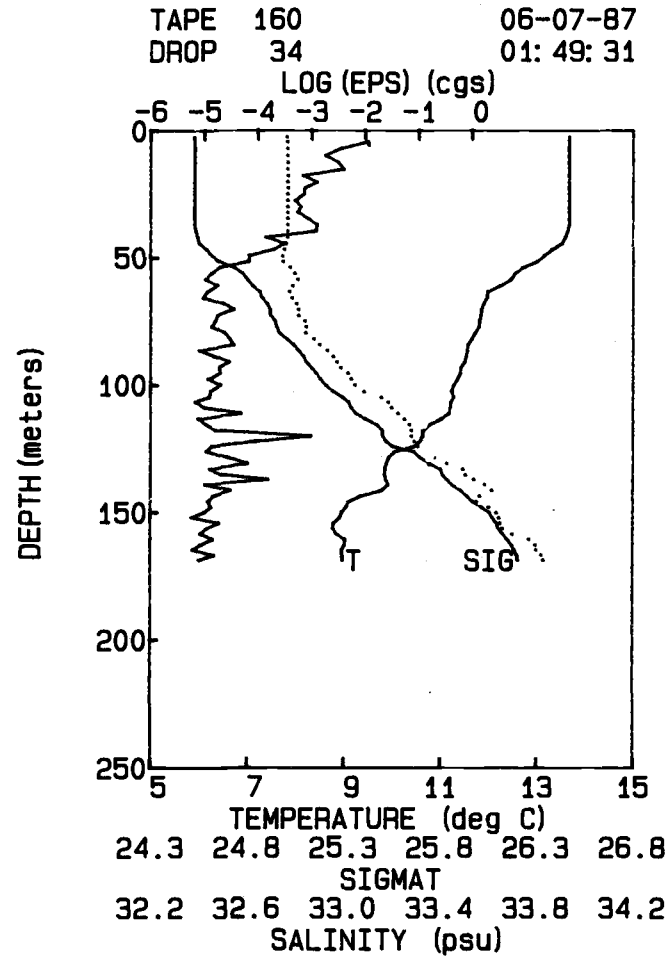
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 160
DROP 33
06-07-87
01: 42: 27
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 160
DROP 34
06-07-87
01: 49: 31
LOG (EPS) (cgs)
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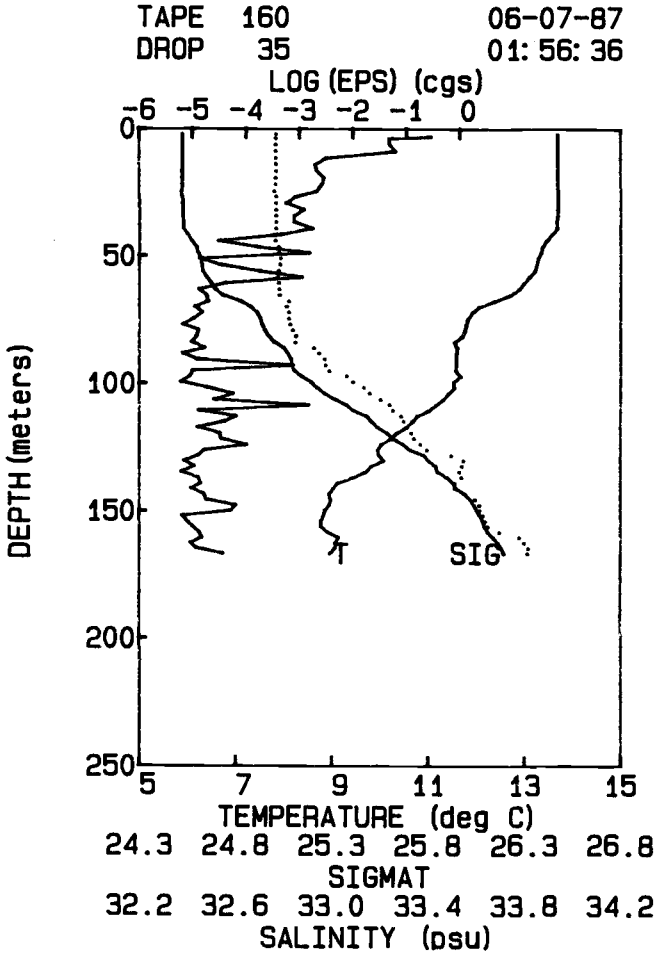
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 160
DROP 35
06-07-87
01: 56: 36
LOG (EPS) (cgs)
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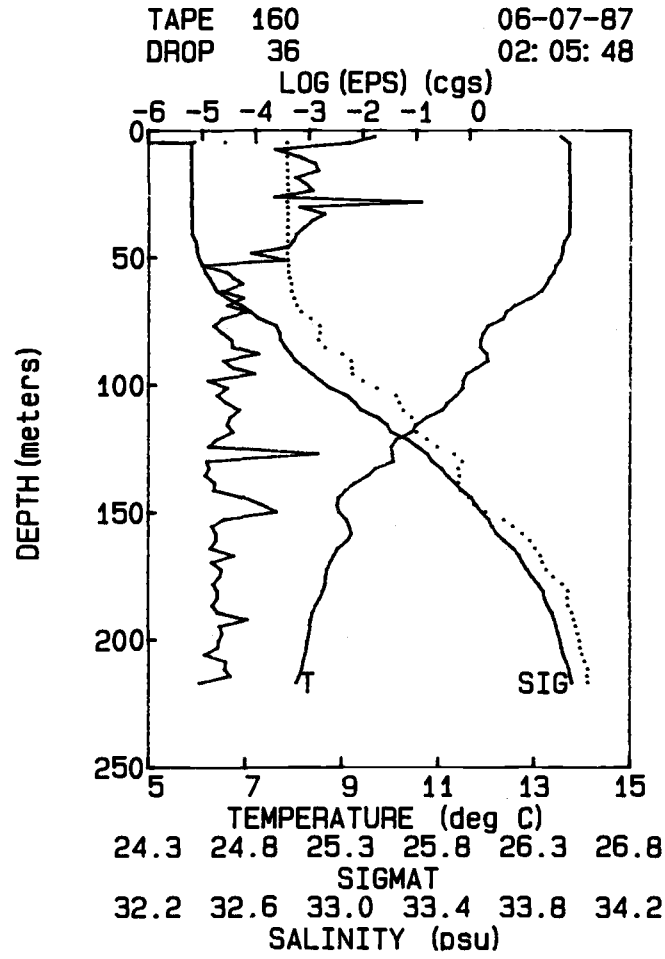
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)


TAPE 160
DROP 36
06-07-87
02: 05: 48
LOG (EPS) (cgs)
-6 -5 -4 -3 -2 -1 0
DEPTH (meters)
0
50
100
150
200
250
T
SIG
5 7 9 11 13 15
TEMPERATURE (deg C)
24.3 24.8 25.3 25.8 26.3 26.8
SIGMAT
32.2 32.6 33.0 33.4 33.8 34.2
SALINITY (psu)

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