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ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976

PHYSICAL OCEANOGRAPHY DATA REPORT

SALINITY, TEMPERATURE AND DEPTH DATA

CAMP BIG BEAR

Volume 4

prepared by

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ABSTRACT

A total of 1391 STD (CTD) stations were taken from four manned drifting ice camps in the Arctic Ocean during the Arctic Ice Dynamics Joint Experiment (AIDJEX) from April 1975 to April 1976. Profiles were taken at least once a day from the surface to 750 meters at all camps and weekly casts to 3000 meters were taken at the main camp. Between casts all stations ran time series by holding the sensor at a fixed depth within the pycnocline; however, these data are not discussed. Plessey Model 9040 STD units were used at all camps and data were simultaneously recorded digitally on magnetic tape and graphically on analog charts.

The profile data from the digital tapes were smoothed using a running average. The differing response times of the temperature and salinity sensors were corrected for thermal lag by varying a lag correction until one value gave nearly congruent traces on a T-S diagram for the descending and ascending parts of the cast. A salinity drift which occurred when the sensors were stopped for bottle sampling was also taken into account during data reduction.

Whenever the digital data logging (DDL) system failed to work properly, manually digitized analog traces provided data backup. These profiles, however, are not considered to be as accurate as those processed from tape.

Static calibration of the temperature, salinity, and depth sensors was provided by bottle and reversing thermometer data. Least squares, best-fit polynomials, whose dependent parameters were temperature (T) and depth (D), converted the observed data to final data. Preliminary data analysis has revealed unique features of the temperature and salinity structure in the Beaufort Sea. One of these features is a wintertime upper mixed layer between 25 and 60 m produced by brine convection beneath the freezing ice sheet. This

layer changes from neutral to stable stratification in the summer when fresh water from melting snow and ice flows beneath the ice. Another feature is the step structure in both temperature and salinity at depths between 250 and 400 m. Individual steps are about 3 m in height. In this part of the Arctic Ocean there are mesoscale baroclinic eddies with unique temperature and salinity, as well as velocity signatures. These eddies are mostly found within the range of 50 to 400 meters. Deeper anomalies are observed to a depth of 700 meters, but because of the depth limitation of the STD, little is known about their lower structure.

This report pertains to the STD (CTD) data taken at the manned Camp Big Bear. The STD data associated with the other three manned camps are in separate volumes (Bauer et al, 1980). Profiling current meter (PCM) data to a maximum depth of 200 meters were taken concurrently at the four camps and are separately reported by Manley et al, 1980.

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INTRODUCTION

The organization and aims of the Arctic Ice Dynamics Joint Experiment (AIDJEX), with particular emphasis on the STD program, have been discussed by Amos (1975). The originally planned array of four campsites was successfully maintained on drifting sea ice from April, 1975, until October, 1975, at which time severe ice activity forced abandonment of the main camp at Big Bear, central to the array. Activities continued at the three remaining satellite camps (Blue Fox, Snowbird and Caribou) until completion of the experiment in May, 1976.

Figure 1 shows the beginning and ending positions of the four manned camps with respect to the Alaskan and Canadian coastlines and are superimposed on the dynamic topography of the Beaufort gyre. The more detailed drift tracks, with beginning and ending dates in Julian days, are shown for each camp in Figures 2-5. Appendix 1 gives the conversion from Julian (AIDJEX) days to Gregorian time, which are used extensively in this report.

The physical oceanography schedule called for a minimum of one STD (CTD) cast per day to a depth of 750 m at each site, as well as a weekly cast to 3000 m at the main camp. Between casts, time-series measurements were taken with the sensors held at a fixed depth in the pycnocline. Plessey model 9040 STD systems with model 8400 digital data loggers were used throughout the experiment with one exception. The STD sensor at Caribou was replaced by a CTD sensor (also Plessey model 9040) in January 1976. A breakdown of the stations taken at the manned camps along with the beginning and ending dates of operations are listed in Table 1.

In general, the data reduction procedures have been adopted from methods developed at Lamont-Doherty by A. Amos and D. Georgi. Their methods are oriented to shipboard STD operation and have, by now, become relatively standard. Certain aspects of dynamic and static calibration will be discussed in some detail since they relate more specifically to STD performance in an arctic environment.

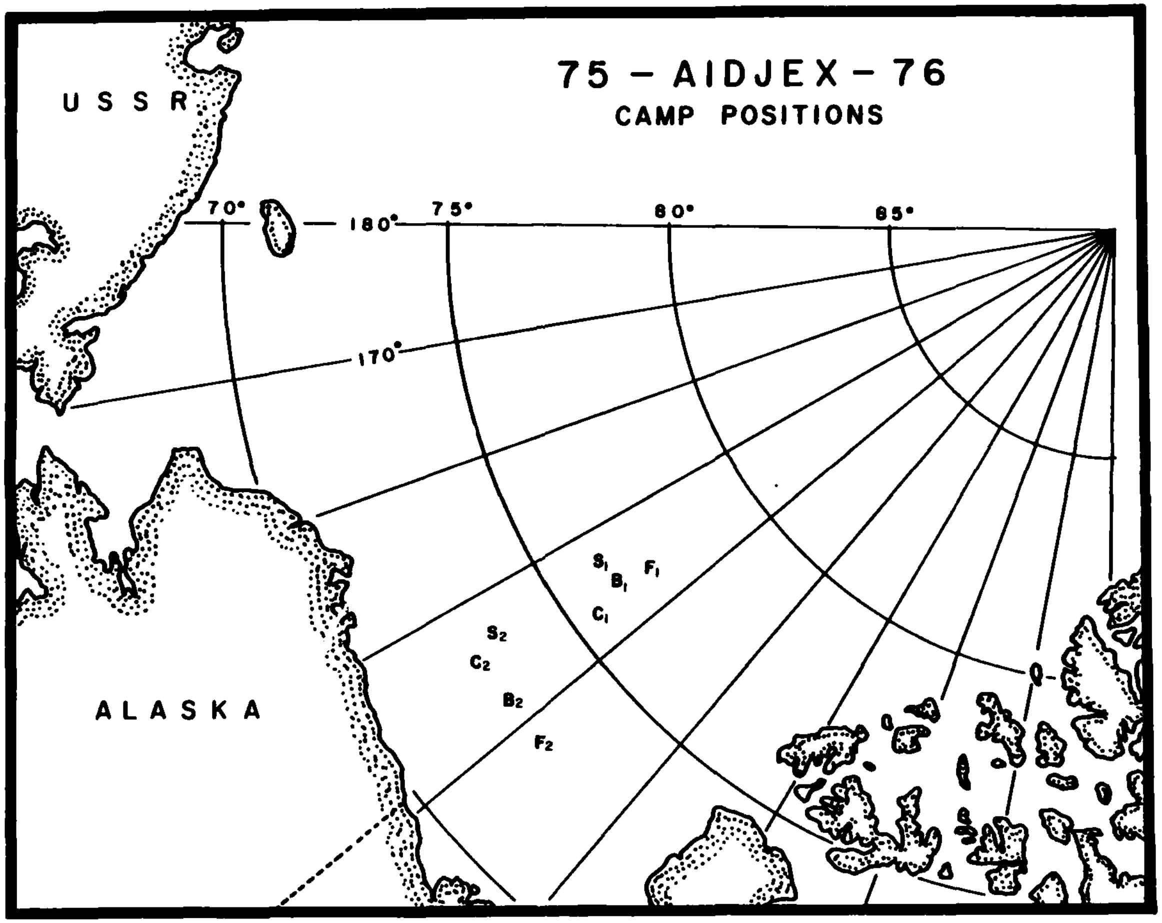

Figure 1 - Beginning and ending positions of the four manned AIDJEX camps Caribou (C), Blue Fox (F), Snowbird (S), and Big Bear (B) superimposed on the dynamic topography (dyn-m) of the Beaufort Sea (Newton, 1973). Subscripts 1 and 2 denote the beginning and ending positions of the camps respectively.

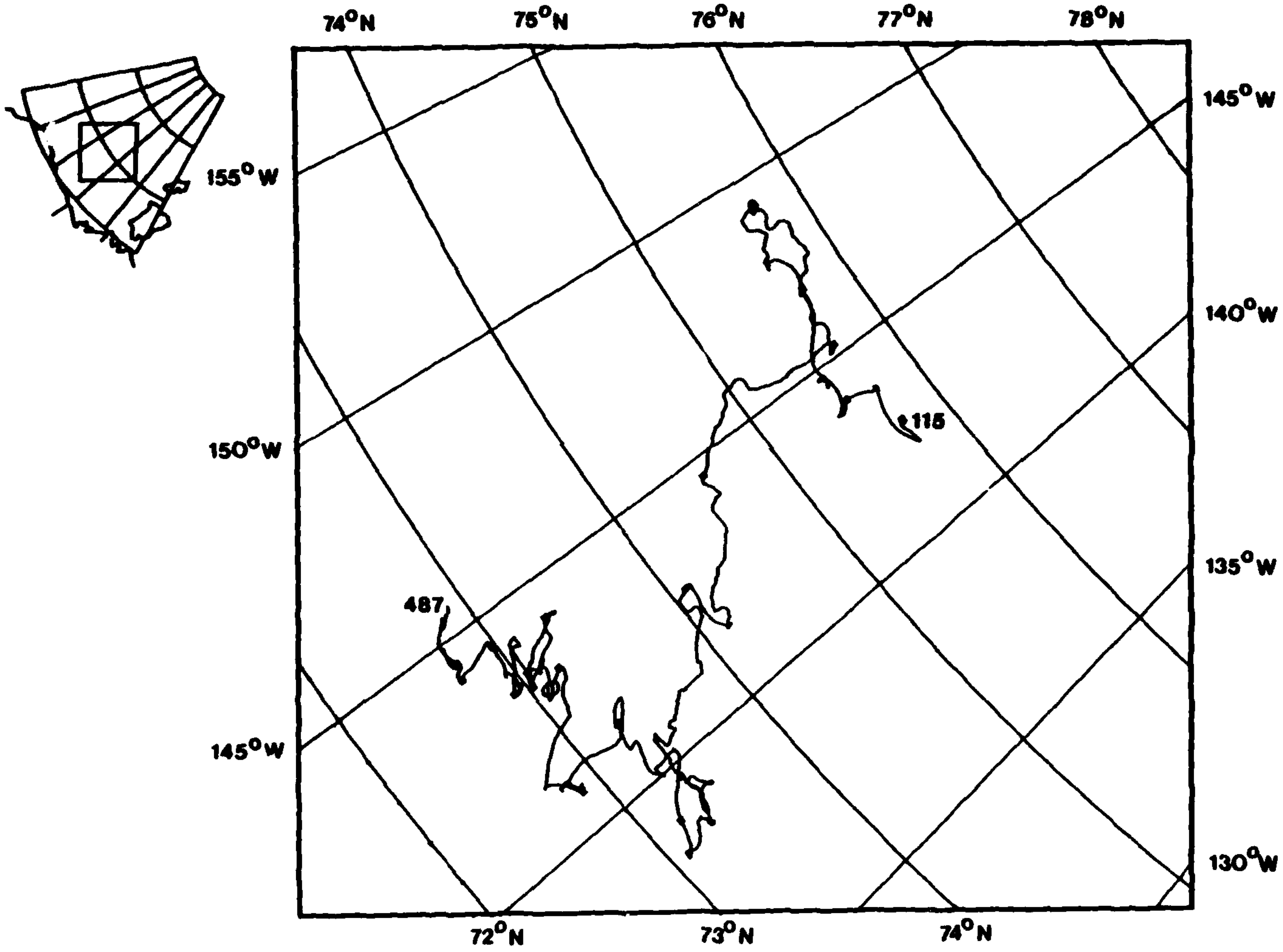

Figure 2 - Detailed drift track of the manned satellite Camp Caribou. In the early fall, Caribou became the main camp after the breakup of Camp Big Bear.

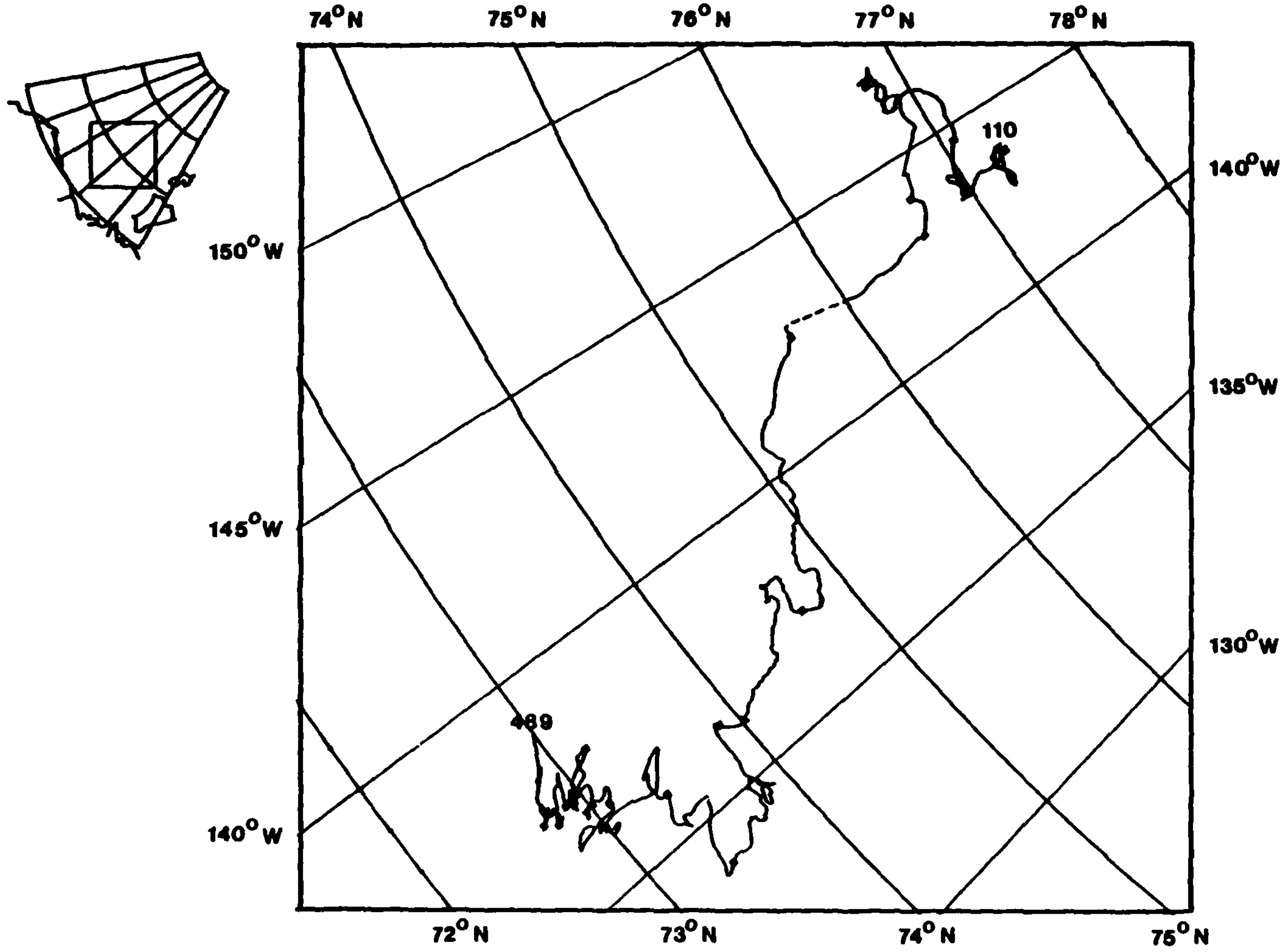

Figure 3 - Detailed drift track of the manned satellite Camp Blue Fox.

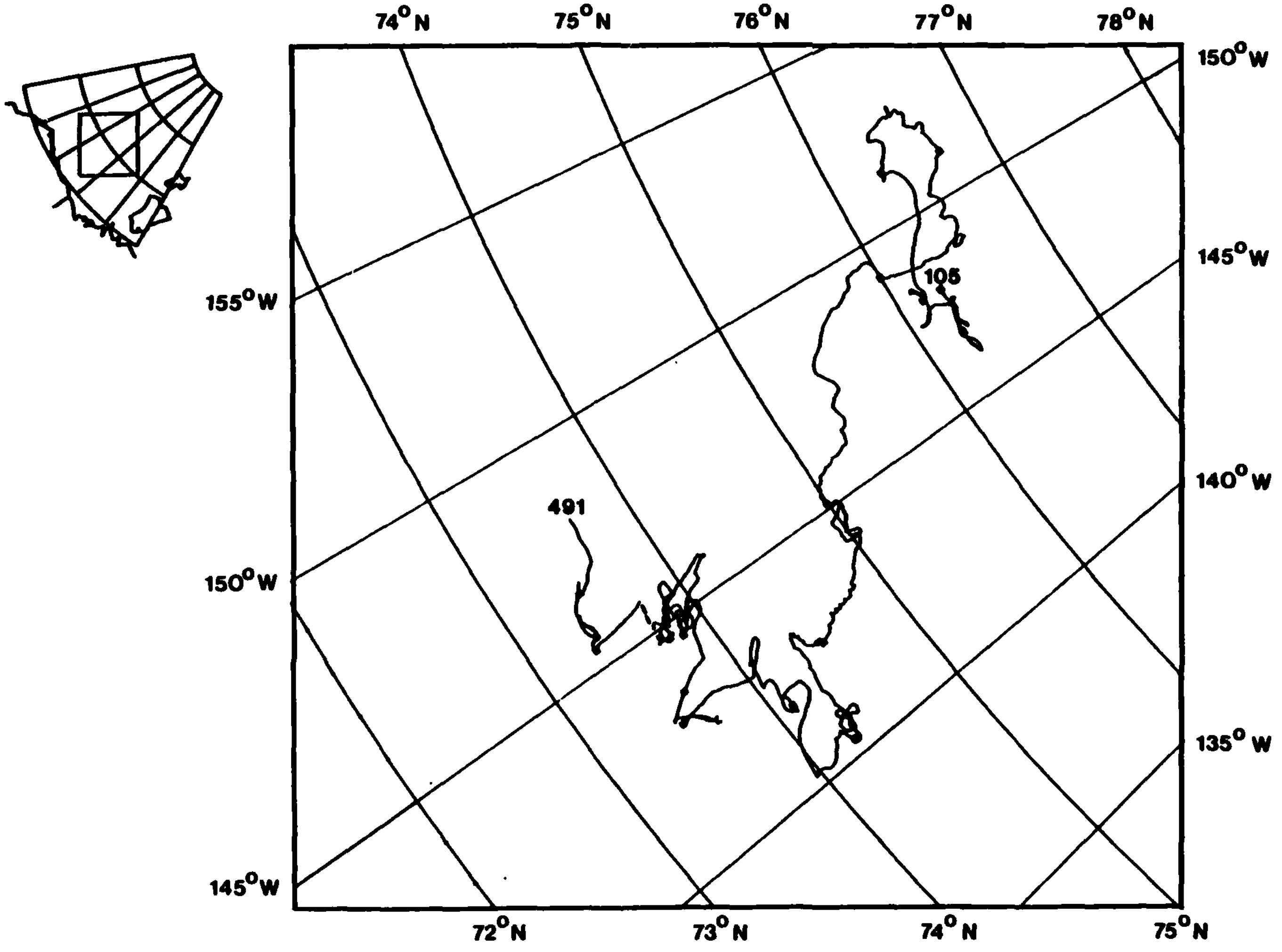

Figure 4 - Detailed drift track of the manned satellite Camp Snowbird.

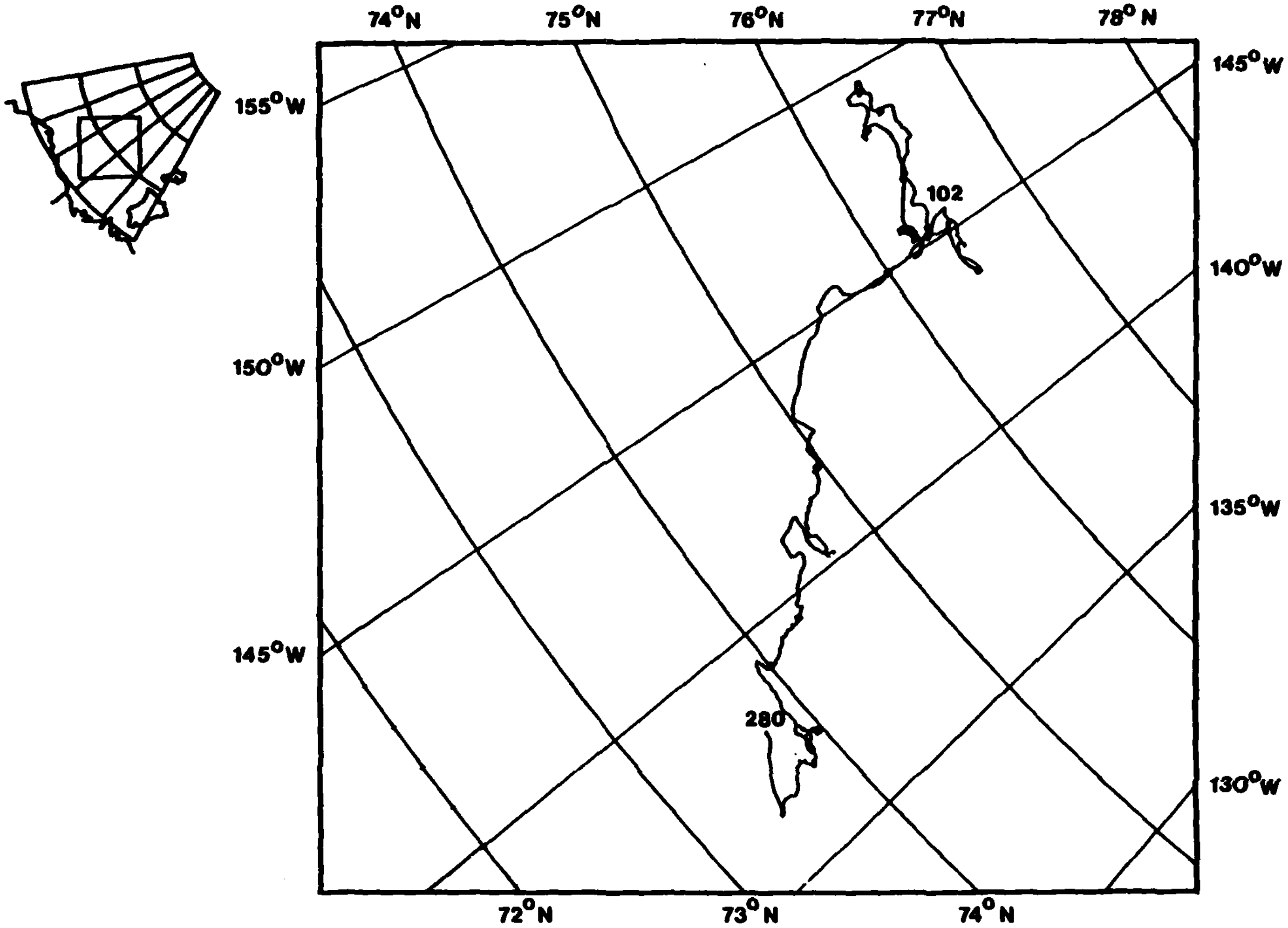

Figure 5 - Detailed drift track of the manned satellite Camp Big Bear. Near day 280, the camp was abandoned due to the breakup of the floe on which it resided.

TABLE 1

Breakdown of STD (CTD) Stations At The Individual Camps

CAMP	OCCUPATION DATE	EVACUATION DATE	TOTAL STATIONS TAKEN	PROFILING USED	STATIONS REJECTED	TIME SERIES	DIGITALLY RECORDED STATIONS	MANUALLY DIGITIZED STATIONS
Caribou	6 Apr.1975 (14 May 1975)	7 May 1976 (25 Apr.1976)	852	416	30	406	245	171
Blue Fox	5 Apr.1975 (10 May 1975)	4 May 1976 (20 Apr.1976)	520	310	10	200	16	294
Snowbird	4 Apr.1975 (16 May 1975)	6 May 1976 (20 Apr.1976)	604	299	20	285	145	154
Big Bear	13 Mar.1975 (4 Apr.1975)	8 Oct.1975 (1 Oct. 1975)	562	262	44	256	20	242

Note: Paranthetical dates are those when STD data collection began and ended.
"Digitally Recorded Stations" indicates profiling data taken from digitally recorded magnetic tape.
"Digitized Stations" indicates those profiling stations whose analog charts were manually digitized for computer reduction.

BACKGROUND

From the time of Nansen's drift on the FRAM at the end of the 19th century, which marked the beginning of arctic oceanography, until planning for AIDJEX began in 1969, considerable information was collected on oceanographic parameters in the Arctic Ocean. This information was primarily salinity and temperature observations using classical water bottle and reversing thermometer methods at many locations. These data led to the identification of the primary water masses and gave some idea of their spreading throughout the basin (Coachman, 1963; Coachman and Aagaard, 1974).

Following the general classification of Coachman (1963), three distinct water masses are persistent throughout the Arctic Ocean. It is only in the subdivisions of the water masses that differences can be observed between the eastern and western Arctic Ocean. The major water masses and their subdivisions are listed below:

1) Surface Water (Arctic Water) - Extends to a depth of 200 meters and is generally low in salinity with temperatures usually less than -1.0 degree C. Below the mixed layer lies a very steep pycnocline which is primarily determined by salinity. Temperatures at these latitudes are at or close to the freezing point and vary only slightly. As a result, density is controlled mainly by salinity. Subdivisions within this Surface Water are:

a) A mixed layer of relatively low salinity which varies both seasonally and spatially. During the winter months, the mixed layer is well established due to wind and ice stress near the surface but more predominantly due to brine convection during the freezing of open water to form sea ice. Spatial variations in the mixed layer salinity appear to increase monotonically from the coast of Alaska (27 ppt) to Franz-Joseph Land (approximately 33 ppt) neglecting near coastal areas. Temperatures in the mixed layer are at or very close to the freezing point. During the summer months, fresh water is added to the mixed layer via melting of the upper few feet of the permanent pack ice. Also, the winter mixed layer may be broken up into step-like features due to episodic events of fresh water addition and mixing, or may not exist at all.

b) The Pacific summer water is marked by a shallow temperature maximum confined to a depth range of 50 to 130 m. The maximum temperature varies from 0 to -1.5 degrees C, depending on the location in the western Arctic. The water has its origin from the Bering Sea as it enters through the Bering Straits and is further modified in the Chukchi Sea before being advected into the Arctic Ocean (Coachman and Aagaard, 1974). This water loses its identifying characteristics as it moves out of the Chukchi Sea into the deep Arctic Ocean due to lateral and vertical diffusion of heat and is, therefore, not seen in the eastern Arctic Ocean. During AIDJEX, a decrease of almost 0.5 degrees C was observed in the Pacific T-max layer over the course of the experiment.

c) Winter shelf water that has been advected along isopycnal surfaces and in the eastern Arctic occupies a layer from the base of the mixed layer to the upper reaches of the Atlantic water. In the western Arctic, this layer is directly under the Pacific T-max layer and is a local temperature minimum (approximately -1.5 degrees C) centered at approximately 175 meters.

2) The Atlantic layer extends from a depth of 200 to 900 meters. This water enters the Arctic Ocean via the Greenland-Spitzbergen passage. This layer has temperatures greater than 0 degrees C with a maximum temperature between 300 and 500 meters. In the upper section of this layer, salinity rapidly increases up to a depth of 300 meters where the vertical gradient in

salinity is substantially reduced. Salinity values are close to 35 ppt at a depth of 900 meters irrespective of spatial position.

3) Bottom water, which occupies the remaining water column, is at potential temperatures less than 0 degrees C. The potential temperatures in the Canada and Markarov Basins (-0.5 degrees C) are slightly warmer than the -0.9 degrees C. temperatures observed in the Amundsen and Nansen Basins. This is due to the shallow sill depth of the Lomonosov Ridge which prevents water deeper than approximately 1550 meters in the Eurasian Basin from entering the Amerasian Basin.

Prior to AIDJEX the data taken in different locations were generally not synoptic, but the stability of the density field allowed sections from different years to be combined. This led gradually to a knowledge of mean salinity and temperature fields and the general circulation of the water masses. The steady-state density and velocity fields came to be understood on the basin-wide scale. An important addition to knowledge on these scales was made by Worthington (1953), when he identified the clockwise Beaufort gyre which circulates in the area of the AIDJEX array.

Observations of some smaller scale features and transient phenomena were conducted from Fletcher's Ice Island (T-3) and from Station Alpha during the IGY. A number of intriguing oceanographic features were noted. Surface waves were detected in the ice-water system. These were of long period, 10-15 sec., but only millimeters in amplitude (Hunkins, 1962). Internal wave study with thermistor strings was also begun. Current meters of various types were deployed and there were early hints of the swift transient undercurrents at relatively shallow depths. Frictional effects beneath the ice also were investigated from pack ice near T-3 and a spiral behavior of the current vector with depth was seen which closely followed the theoretical behavior predicted by Ekman many years earlier (Hunkins, 1966). There had also been detection of intriguing step structures in temperature in the depth range of 100-300 m (Neshyba et al., 1971).

THE OCEANOGRAPHIC FIELD EXPERIMENTS

In order to better determine scales of time and space for the important motions, as well as to test instruments and techniques, several pilot projects preceded the main AIDJEX project. In 1970 and 1971 hydrographic stations and current meter observations were made by participants from the University of Washington. Current meter profiling was conducted by the Lamont group at the 1971 camp. In 1972 a one-month comprehensive pilot project included a main and two satellite camps in a 100 km triangular array from which hydrographic stations were taken (Newton and Coachman, 1973). At the main camp, current profiles to 180 m (Hunkins, 1974 b, c) and continuous salinity and temperature profiles to 1000 m four times a day were taken. A unique oceanographic experiment, possible only on pack ice, was also conducted when Weber and Erdelyi (1976) measured changes in the tilt of the sea ice and fluid ocean with a hydrostatic level.

The 1972 project showed that the experiments planned for 1975-6 were feasible and pointed directions for improvement of instruments and techniques. The data, although only one month in duration, showed interesting and somewhat unexpected features.

The presence of energetic eddies with diameters of 10 to 20 km and speeds of up to 60 cm/sec was one of the most striking of these features (Hunkins, 1974 b; Newton, 1973). The 1972 project also stimulated efforts toward quantitatively assessing the drag of ice on the water. This led to such contributions as a momentum integral technique for direct measurement of this drag and to discussion of the drag produced by pressure ridge keels (Hunkins, 1974 a, 1975 a, b).

The oceanographic program for the main experiment of 1975-6 was designed to insure uniform observations at all four manned camps with supplemental observations at the main camp. Salinity and temperature were monitored with Plessey Model 9040 STD (CTD) systems. The satellite camp STDs were limited to a depth of 750 m by the winch systems and depth sensors. The main camp was limited to 3000 m by the depth sensor. Data were recorded digitally on magnetic tape with Plessey Model 8400 digital data loggers (DDL) and also graphically on charts. Casts were taken twice each day to 750 m at all four camps on a synchronized schedule. A weekly cast to 3000 m was made at the main camp. Between casts the sensors were suspended in the steep density gradient at about 50 m to record a time series of fluctuations.

Profiles of relative current speed and direction were also measured twice each day between the surface and 200 meters at each of the four camps. Times of the stations were designed to correspond as closely as possible to the STD stations taken at the camp. Final absolute velocity data at each of the four manned camps have been published (Manley et al, 1980 a, b, c, d).

In retrospect, the instruments functioned reasonably well and the basic goals of the project plan were accomplished. The Plessey STD (CTD)s were a model which our laboratory had used previously and we were prepared for difficulties which might be encountered. However, the Plessey Model 8400 digital data loggers were new models and we experienced various problems with them. This resulted in some salinity and temperature data being recorded only on paper charts which were later manually digitized.

During each cast, reversing thermometers and Nansen, as well as Niskin, bottles were used to collect water samples. Generally, two bottle samples were taken from the satellite camps during each station. The main camp, however, had a rosette command sampler and took as many as ten bottles per station; the average being four.

To provide adequate calibration for the sensors, bottles and thermometers were rotated to different depths at each new station. The depths used for calibration purposes at all the camps were 5 meters (mixed layer), 250, 400 and 750 meters. A 3000 meter calibration point was used only at the main camp.

Water samples were stored in tightly sealed 450 ml glass bottles. Roughly every two weeks, the samples were flown from the satellite camps to the main camp where salinity values were determined. A Guildline Autosal laboratory salinometer was the principle instrument for measuring the salinity of samples taken with water bottles. It developed trouble in Spring 1975 and was not useable over the summer. A Hytech salinometer provided backup during this period.

DATA PROCESSING

Dynamic Calibration

Figure 6 shows the flow of the STD data processing stages. Initial screening of the raw data to remove spikes and discontinuities was done by computer so as to keep the data in a time series to correct for temperature lag. Bad data were either replaced by interpolated data or, if extensive, the time series was terminated and restarted when good data were again available. Thus, some gaps appear. Smoothing was done by applying a 3-point running mean to the temperature and salinity data and 7-point running mean to the depth data. The larger depth window was chosen because of the relation between digital resolution of the depth channel (0.3 m) and the slowest lowering rate.

In general, the dynamic response characteristics of an STD sensor depend primarily on the time constant of the temperature compensation probe since that of the conductivity cell is negligible by comparison. In practice, however, although the probe constant for Model 9040 STD is quoted as 0.35 sec. by the manufacturer, analysis of output data by different investigators using different methods has yielded estimates ranging from about 0.2 to 3.0 sec. (Scarlet, 1975; Goulet and Culverhouse, 1972). Apparently a certain variability can also result when the same method is applied to different sensors or to the same sensor under different conditions. Therefore, the AIDJEX data set, which comprises output from a number of STD sensors over an extended period of time, required careful analysis.

The bias associated with the dynamic response of individual sensors is, in fact, detectable, and a method which aims at compensation has been incorporated in the data reduction procedure. The screened, smoothed raw data are retained as an evenly spaced time-series in depth, salinity and

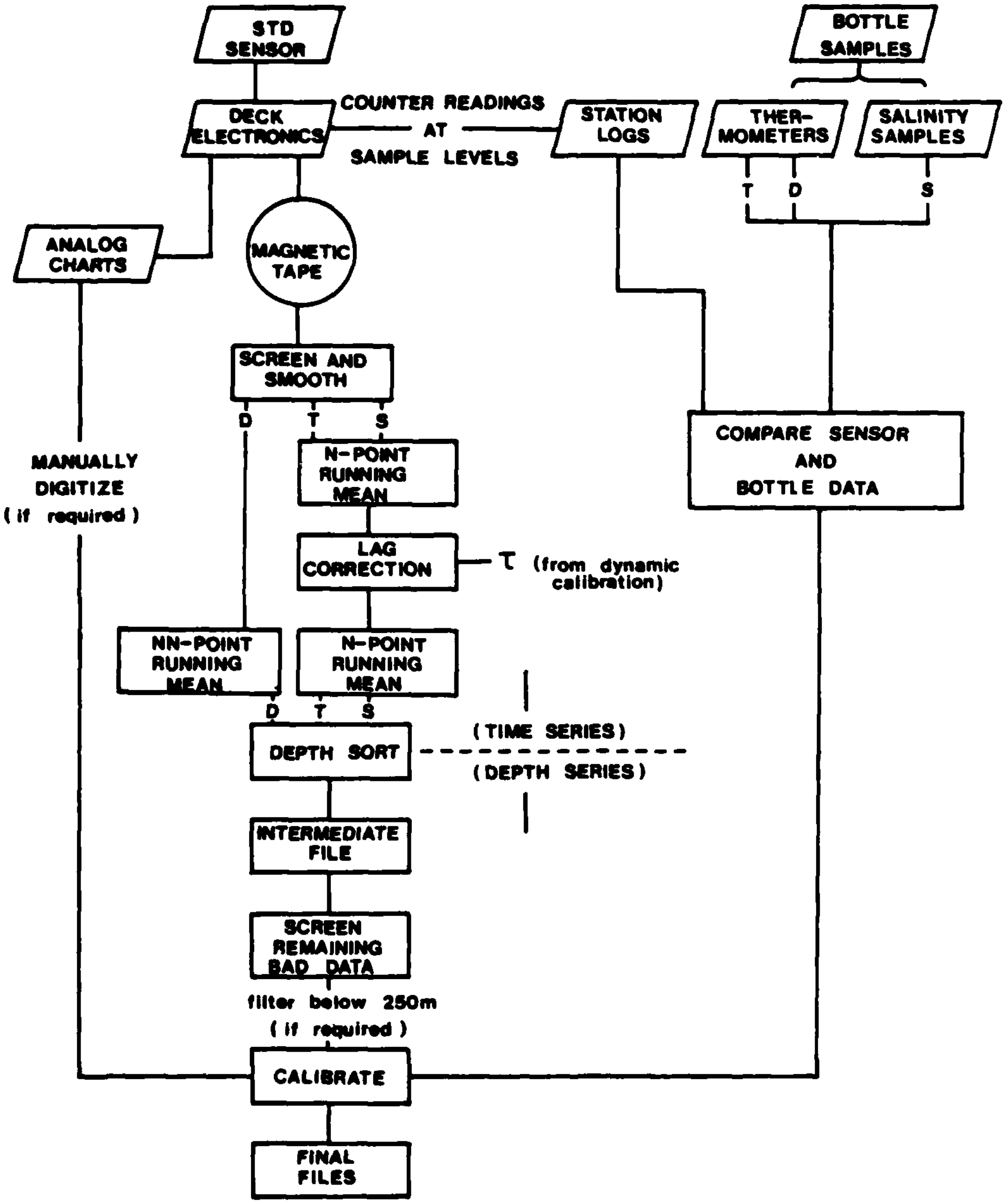

Figure 6 - STD Calibration Flow Diagram

temperature (D, S, and T) so that the time-rate-of-change of sensed temperatures ($\partial T/\partial t$) can be computed.

A correction for the time response lag of the temperature sensors is then applied to parameters T and S before the series is sorted for increasing depth. The correction is based on the assumption suggested by Scarlet (1975) that response is exponential with a time constant, τ, such that

$$T' = T + \tau \frac{\partial T}{\partial t} \tag{1}$$

$$S' = S + \frac{\partial S}{\partial T} \times \tau \frac{\partial T}{\partial t} \tag{2}$$

where T, S and T', S' are the sensed and corrected parameters, respectively. The $\partial S/\partial T$ term is assumed to be a constant, -1, since, for the temperature and salinity range of interest here, this assumption produces less error than the uncertainties in the other terms. The major source of error is in the computing of $\partial T/\partial t$. DDL resolution in temperature is ± .003°C but this may be degraded somewhat by noise. However, careful consideration of the sample rate and the range for smoothing and computing the temperature slope can give a workable computer approximation of equations 1 and 2. Once the correction model is established, we can return to the data for an estimate of what τ should be.

A typical STD profile of the arctic water column is shown in figure 7. The trace is relatively free of the "spiking" normally associated with accelerations of ship's motion and rapid drop rates of a ship-launched cast. The sharp changes of the temperature gradient which trigger such spikes are

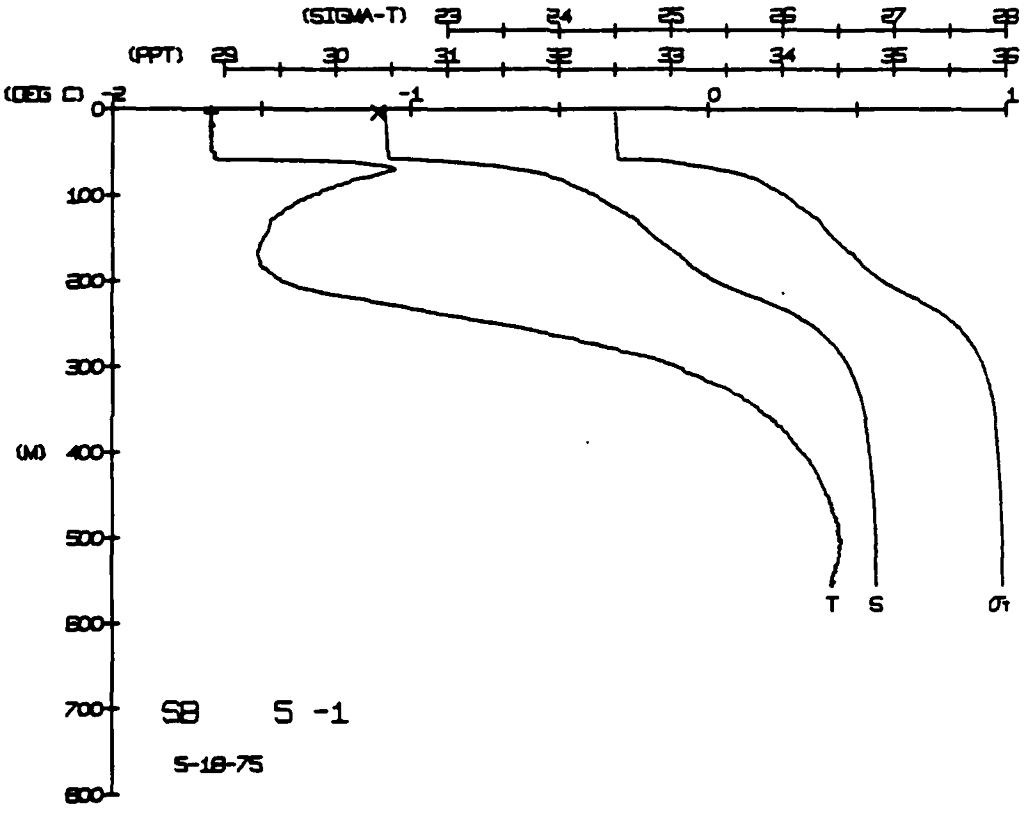

Figure 7 - Normal STD-σ_t profile of Beaufort Sea.

absent in the Arctic Ocean with the exception of one notable feature: the temperature interface at the base of the mixed layer. Rather than a spike, what is produced here is an apparent offset, primarily in salinity, which is related to the response lag of the temperature sensors and which is sustained below the interface until the temperature gradient subsides. Dantzler (1974) in particular has pointed out the importance of this kind of systematic error.

We have focused our attention on the mixed-layer interface since it is the only feature generally present in the Arctic Ocean which is sufficiently large in temperature scale to afford some appraisal of sensor dynamic response. The interface, since it is remarkably well-defined and relatively stable over an extended period of time, lends itself to repeated sampling. When the mixed layer is well-established, a typical raw data printout will show the onset of the interface as two distinct events, one in salinity and then one in temperature lagging one or more scan intervals behind. (Scan intervals were generally 0.5 sec; occasionally 0.1 or 1.0 sec.) Although judgement was restricted to scan-interval resolution by this approach, a preliminary survey of data from the four station sites did indicate apparent sensor-dependent differences in response lag time. To investigate further, downtrace and uptrace T-S diagrams of the same profile were compared for a number of stations. Typical results are shown in figure 8. The uptrace (dotted) is always offset toward lower salinity along the mixed layer interface. According to equation 2, this is expected since the sensor sees the temperature change ($\partial T/\partial t$) as positive on the downtrace and negative on the uptrace. When the correction model is applied to this data, the time constant τ can be adjusted so as to minimize the offset between the traces.

This approach is readily implemented as a calibration procedure using a CRT computer terminal to monitor T-S diagrams. The time constant for the

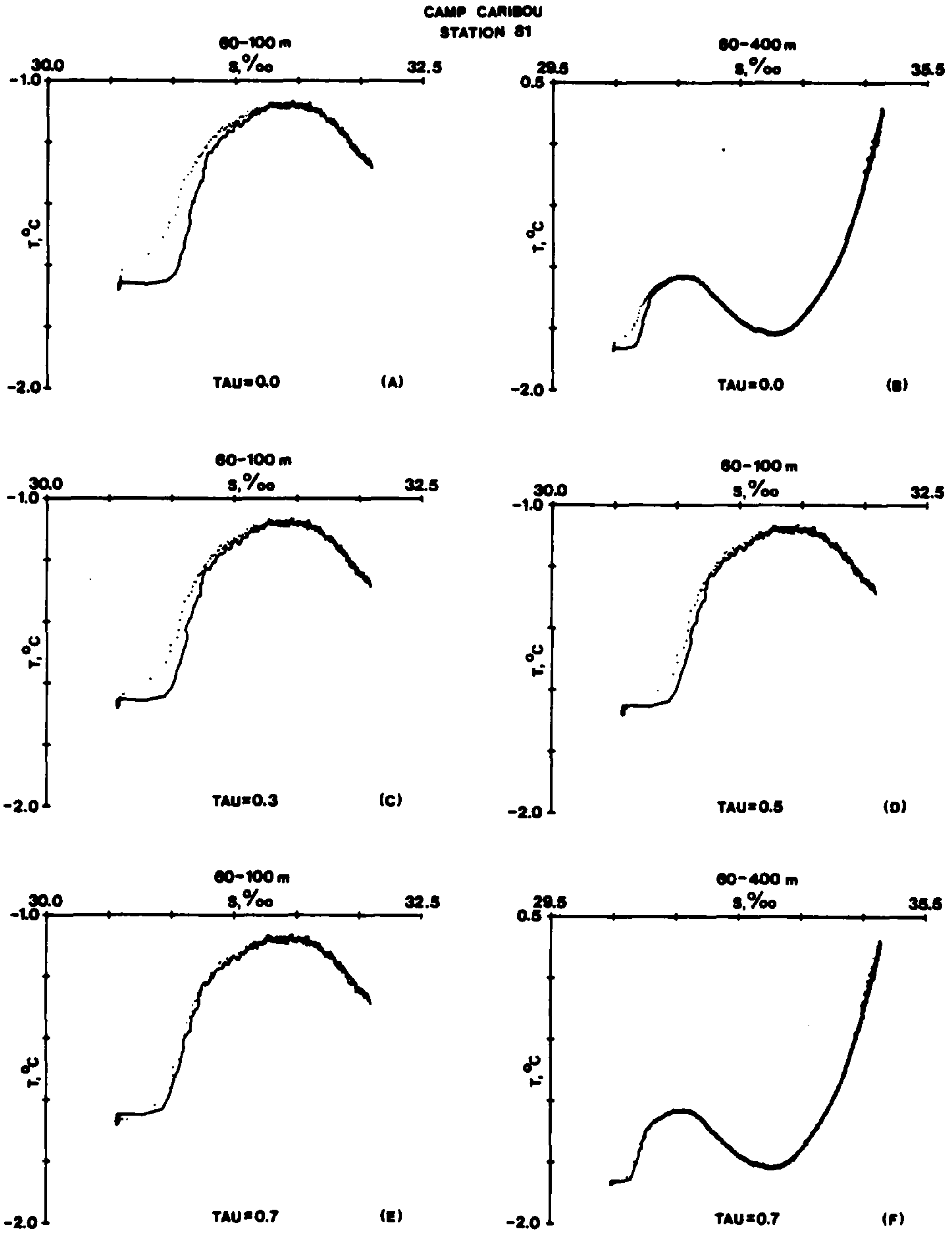

Figure 8 - T-S Diagrams showing the effect of varying the time constant for dynamic calibration

correction model is adjusted at selected station intervals in the data set to compensate for observed trends in sensor response. Results for a number of sensors are summarized in Table 2. The reason for the unusually slow response of the sensor at Big Bear is unknown, however, and a nominal value of 2.0 sec. is used.

The extent to which the values in Table 2 can be interpreted as valid indices of sensor dynamic response depends, of course, on certain assumptions. The interface feature is regarded as unchanged over the lapse of time (generally 1 to 1 1/2 hours) between downtrace and uptrace of any given station. Station records do, in fact, indicate that changes at the interface are slow, particularly from January to early June. Moreover, short-term changes would cause erratic adjustment of τ, and this is not observed; the trend for any one sensor tends to be slow. The assumption that response lag in temperature is the dominant cause of offset between downtrace and uptrace also ignores other kinds of hysteresis and the effect of mixing by movement of the instrument package through the interface. In the case of mixing it might be proposed that the maximum effect occurs on the uptrace when the instrument wake precedes the sensors, entraining saltier water at the interface. The observed offset is toward lower salinity, however, and argues against the significance of this process. It should also be noted that calibration may require some subjective interpolation between stations which fall within the summertime breakup of the mixed layer when the step-like definition of the interface is periodically absent or less well-defined. In general, the results imply that there is a seasonal disparity of response characteristics among the different sensors, and that the response of an individual sensor may vary over an extended period of operation.

Once the determination of τ was completed, uptraces were eliminated from the data set unless no downtrace was available. This was done to remove any mixing effects produced by the wake of the sensor package as it is pulled upward through the water column and which might be registered by the sensors which are attached at the base.

As can be seen from equations (1) and (2), temperature and salinity lag corrections no longer become necessary as the temperature gradient becomes very small and varies smoothly with depth. Below 400 meters in the Beaufort Sea, temperature lag corrections rarely attain a magnitude of 0.004°C, and in the vast majority of cases it is less than 0.002°C which is less than the resolution of the DDL temperature and salinity data. As a result, no temperature and salinity lag corrections were made below 400 meters. It should be stressed, however, in other parts of the Arctic Ocean this step might not be applicable because of the dynamic structure of the temperature gradient above 1000 meters.

The time lag corrections were then applied to the smoothed temperature and salinity (conductivity) data, and the data then sorted according to increasing depth.

TABLE 2

Time Constant Ranges for Dynamic Calibration Periods

Division into periods based on change of sensor, change of sensor components, or unexplained shift in observed response. Change of time constant is approximately linear between limits of each range. Unless noted - time constants are for STD sensors only. Station data that are missing (i.e., Big Bear: 1-49, 87-562) indicate manual digitization of the analog charts and therefore do not require a time constant, τ.

Camp	Calibration Period (Station Nos.)	Time Constant Range (Sec.)
Big Bear	49 - 86	2.0
Snowbird	1 - 248	1.0 - 0.7
	249 - 299	0.7 - 0.5
	300 - 362	0.7 - 0.8
	530 - 604	0.8 - 1.0
Caribou	1 - 82	0.5 - 0.7
	83 - 222	0.7 - 0.5
	223 - 309	0.5 - 0.4
	310 - 558	0.5
	559 - 852 (CTD)	0.5
Blue Fox	1 - 20	0.5 - 0.8
	21 - 60	0.8 - 1.0
	61 - 97	1.0

Manual Digitization

During field collection, the data of each cast were also simultaneously recorded on analog chart recorders. Wherever the DDL system failed to function properly for any given number of casts, the corresponding analog charts for these casts were manually dgitized to provide the missing temperature and salinity (conductivity) data. On the average for all camps, manually digitized profiles comprised 67 per cent of the final data.

Resolution of the digitizer is .001 inches, but was limited to .01 inches by choice since it was felt that this still provided adequate resolution for the determination of temperature, salinity (conductivity) and depth. The accuracy of this process, however, is limited. Because units of temperature, salinity and depth are dependent upon their place within the chart system (even to the width of the ink line) the failings of the human hand and the *subjective judgements* made tend to enhance any errors in proportion to the analog scale.

The accuracy of this data will be discussed in a later section.

STD Static Calibration Procedures

Bottle data consisting of protected and unprotected thermometer readings, and salinity determinations from the water samples taken at preselected depths of 5, 250, 500, 750 and 3000 meters provided the bulk of the data necessary for the calibration of the salinity, temperature and depth sensors. Recorded information pertaining to the output of the three sensors taken from the deck unit readout at the instant that the instrument was stopped provided the remaining data required for the calibration procedure. The information mentioned above was punched onto computer cards along with their appropriate station identification parameters and stored on the computer. Delta values between the recorded values and the bottle data at the depth levels of 5, 250, 400, 750 and 3000 m were then calculated and stored on file along with the original input data.

Preliminary quality control checks were done on the calibration data after it had been stored on file. These checks consisted of looking for delta values of salinity, temperature and depth outside a given tolerance range for each parameter. When data of this type were found, it became necessary to evaluate the validity of the values on the basis of technical logs and other possible sources of errors, such as incorrectly punched input. In the majority of cases, an explanation for excessive delta values was found and the data were repunched and again submitted to the data set. Of the 5 per cent of the calibration data set that required this special editing, less than 40 per cent of the data points were rejected because of technical problems.

In each camp calibration data set, sudden shifts in the delta values for any or all of the sensors would occur, thereby breaking the data set into time segments. These breaks in the data would sometimes agree with the technical log notes indicating some adjustment of the conductivity cell or temperature probe or even when the entire instrument package was replaced. Occasionally, however, there would be unaccounted shifts in a sensor, that never-the-less created a natural break in the calibration data. Each parameter of salinity, temperature and depth was observed separately for these offsets in the data, since the sensors operate separately from each other and may alter at any given time. Generally, however, breaks in the data occurred for all sensors at the same time. The resulting time segments also followed, for the most part, the calibration periods indicated in Table 2.

Within a calibration segment of a particular sensor at a given depth level, it was necessary to consider the possibility of a time dependency on the delta values. Because of the cyclic nature of taking bottle data at the satellite camps (since they only had 2 bottles and 4 levels to maintain), data were rarely dense enough to justify a time dependency versus a constant offset based on least squares best fit and corresponding standard deviations correction. Only in a few rare cases were the delta values fit to a linear time drift.

Depth dependency of the various sensors within every calibration period was also calculated using least squares best fit polynomials. Their associated standard deviations and plots of the polynomial against the delta values were the criteria used to determine the polynomial of least degree that would best fit the data. In practice, the temperature sensor was never depth dependent and this agrees with previous work done with the Plessey STD and CTD.

Depth and salinity, however, were always depth dependent. Depth was normally quadratic in dependency while salinity was generally cubic. There were special cases for the depth and salinity sensors, where depending on the number of points present, linear to cubic fits were considered the best choice.

At the end of the calibration procedure for an entire camp there would be 3 delta functions for every point in time that would convert intermediate STD values to final calibrated data, as shown by equation 3.

$$S_f - S_i = P_{sn}(d,t) \tag{3}$$

where s = sensor (temperature, salinity or depth)
f = final data
i = intermediate data of temperature and salinity logged from digital data or digitized data
$P_{sn}(d,t)$ = calibration polynomial for sensors and correct calibration segment n; (d,t) implies possible depth and time dependency

Using the polynomial equations for temperature salinity and depth, it was then possible to provide final calibrated STD data using either the intermediate data obtained from digital tape or manual digitization.

It is important to stress that during the entire calibration procedure, uncorrected depths were used as the basis for determining the delta values for temperature, salinity and depth.

CTD Calibration Procedures

Due to the differing natures of the STD and CTD, calibration procedures vary considerably. Mechanically the systems are similar. Each consists of a conductivity cell, temperature and depth sensors. The difference lies in the sensor output and the electronics controlling it.

In the case of the CTD, all three sensors measure values independently and are recorded as such. Salinity, however, is a complex function of conductivity, temperature and pressure (depth). Therefore, a value for salinity must come from the instrumentation of the STD itself. In the Plessey systems, this is accomplished by the use of two sets of temperature and depth sensors; one set providing only temperature and depth values to the surface deck unit, the other set providing data internally and which will be processed with conductivity to produce salinity. It is because of this second set of sensors that the complex equation for salinity, which is non-linear with respect to temperature, contains the lag corrections of equations (1) and (2). (It is assumed in data reduction that the two sets of sensors function identically. The validity for this is borne out in practice and previous experience with Plessey STDs). On the other hand, the conductivity cell of the CTD, being independent, has a rapid response time of 0.01 sec. (Plessey operations manual) and so a lag correction similar to equation 2 is unnecessary.

The CTD was used at Camp Caribou from stations 559 to 852 inclusive. However, the evaluation of the time lag constant, τ, proved to be difficult. Unfortunately, the field operator consistently chose to stop the CTD at the base of the uptrace. Only a few stations in the CTD data set allowed some estimate of the τ constant to be made at a value of 0.5 sec.

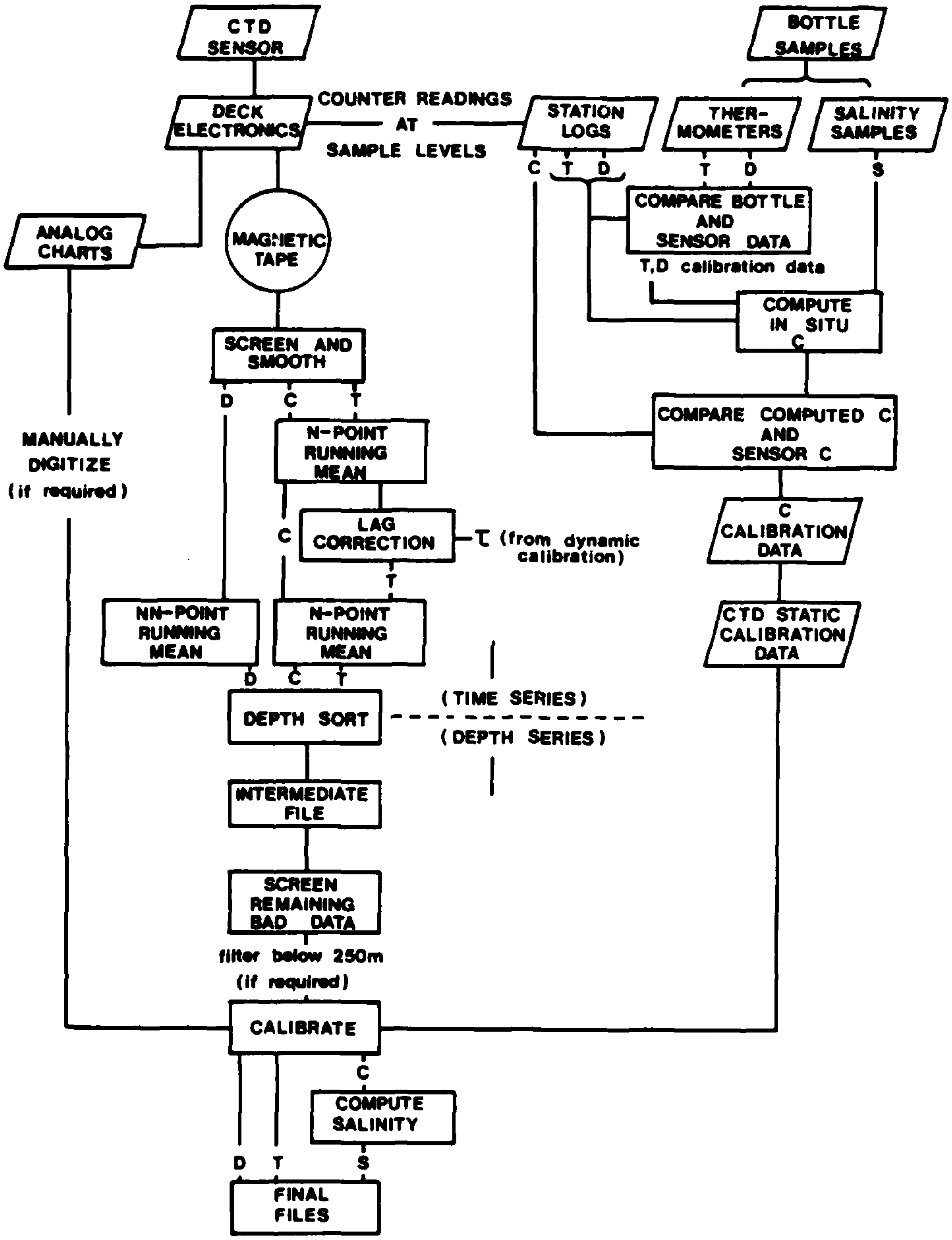

Figure 9 - CTD Calibration Flow Diagram.

Figure 9 is the flow diagram for the CTD data reduction processes. Once the CTD data set had the temperature lag correction applied and had subsequently been sorted for increasing depth, corrections to the data on the basis of bottle information were required before final calibration could be completed.

Temperature and depth calibration does not differ from that described in the STD Calibration Procedures; however, the final correction equations had to be supplied before the conductivity sensor could be calibrated.

The problem of conductivity calibration is two-fold; 1) to convert bottle data salinities obtained from the salinometer to in situ conductivities, and 2) to insure continuity between Plessey and salinometer conductivities before comparison.

To convert salinometer derived salinities to conductivities at the correct temperature and pressure observed by the sensor, the selection of a transfer equation as shown by equation 4 was necessary:

$$c = f(s,t,p\ (z)) \tag{4}$$

where c = conductivity
s = precise measurement of salinity (salinometers)
t = actual temperature of water at depth z
p = pressure at depth of observation, z

All AIDJEX salinity data are ultimately based on lab salinometer results as computed by the UNESCO formulation (Cox et al, 1967). Because pressure effects and temperatures less than 10°C are not included in the International Tables, some other formulation for the conversion of in situ conductivity to salinity was required.

Walker and Chapman (1973) compared several of the more widely used conductivity-to-salinity equations used in the field of oceanography today. Unfortunately, as of the time of this publication, no standard formulation has been adopted by the world community although progress towards this has begun.

The Ribe-Howe equation with the low temperature correction by Dauphinée (Walker and Chapman, 1973), was chosen for the following reasons:

1. It agrees more closely with the UNESCO values in the range of the AIDJEX data set.
2. It claims accuracy of 0.01 ppt and extends deeper (7000 db) than others so it can be safely applied to the few deep 3000 meter stations.
3. It can be rapidly computed.
4. No effort needs to be made to compensate for the discrepancy between Ribe-Howe and the UNESCO equations. The magnitude of the errors in the range of 25-35 ppt is less than 0.001 ppt.

Bottle data and counter readings were placed in permanent files in the computer as described previously in the section STD Calibration. Final equations for the calibration of temperature and depth were calculated prior to the conductivity calibration procedure. These values were required as input parameters to the reversed Ribe-Howe equation to accurately provide the in situ conductivity given the precise values of salinity, temperature and the depth of observation.

Delta values still could not be calculated because of the different values of absolute conductivity used by the Plessey sensor and the Ribe-Howe equation. In order to transfer the Plessey conductivity of C (35,20,0) = 47.891 mmho/cm to a conductivity in terms of the Ribe-Howe formulation, C (35,20,0) = 47.917 mmho/cm, conductivity data produced by the Plessey CTD were multiplied by the ratio of the two values.

$$C_{corr} = C_{ctd} \times 1.0005429 \qquad (5)$$

where C_{corr} = corrected conductivity

C_{ctd} = observed conductivity of sensor

Delta values in conductivity were then calculated for all the bottle data in the CTD set. Once the calibration polynomial had been formulated for conductivity, it became a straightforward process to calculate salinity-temperature-depth data from the intermediate CTD data. The order of progression is very important and is as follows:

a) correct temperature to produce final temperature, t_f

b) correct depth to produce final depth, d_f

c) calculate C_{corr} as in equation 5

d) correct C_{corr} to produce final conductivity, c_f

e) compute salinity by Ribe-Howe using t_f, d_f, c_f

Final conductivity values were not saved during the processing and are therefore not reported.

Optional Filtering Below 250 Meters

Approximately twenty-one percent of the total STD data required some type of additional filtering and smoothing due to above average noise in the temperature and salinity channels. This problem was confined to depths greater than 250 meters. The cause of the noise is not well understood, but is believed to be related to some vibration effect on the components of the STD with an increase in the rate of lowering. This effect has also been considered by shipboard operators of the Plessey STD system.

It is not believed to be caused by the deck instrumentation since both digital tape data, as well as analog traces indicate excessive noise levels even though they operate from essentially different circuitry. In some instances, the effect was so severe that the station data below 250 meters might well have been discarded if further filtering and smoothing had not been applied.

The decisions as to the filtering and smoothing were subjective and were based upon the comparisons of previous stations and the severity of the noise. The several options available as to the filtering used on individual stations were:

1. Only temperature-filtered within a specified depth interval.
2. Only salinity-filtered within a specified depth interval.
3. Both temperature and salinity-filtered within a specified depth interval.
4. Provide values from a sliding least squares best fit quadratic equation with 30% of overlapping in each subsequent fit.
5. Clip the original data with a preset tolerance of ± .006 (°C or ppt).

If the station data had small discrete depth intervals in which the noise occurred, the section or sections were deleted rather than using the options to filter the entire trace. In the case where noise was extreme, the affected segment of data was replaced in its entirety with data obtained by the overlapping least squares best fit equations as described in option 4 and 5.

In the various listings in the data report, information is given as to whether a station has been filtered below the depth of 250 meters, although the type of filtering is not indicated. Better than 90% of the filtering done on the data involved salinity only with filtering as indicated by options 4 and 5.

Subsequent Processing

Even though salinity, temperature and depth had been converted into final calibrated data, errors still existed. A combination of several checks involving the plotting of the data in various forms and the sorting of various parameters revealed errors that were previously unnoticed.

The deletion of data while the sensors were in the hydroholes and the addition of weather and position information for the individual stations was also a part of this procedure.

T-S diagrams were employed on large groups of stations to show stations which deviated from the mean. Stations that were flagged in this manner were rechecked for validity. If the data turned out to be in error and the error resulted from processing, the station was reworked from the point at which the error occurred.

Nested temperature and salinity traces were also plotted (as shown in this report) to observe stations that did not follow the mean trends of the other plotted profiles. If a station was considered questionable, the original analog chart was used as the basis for the deletion or acceptance of the profile. Deletions of segments of data were most common in this part of processing because of random spiking that was not removed during initial processing. The deletions are seen as gaps in the data and usually span less than 10 meters.

Sequential sorting of the recorded dates and times of the stations at one camp was also done. Stations that were shown to be out of order were corrected and resubmitted to the data set.

Temperature and salinity values taken while the sensor was in the hydrohole were then removed from all data sets of the respective camps. The depths to which this was done at each camp are listed in Table 3.

TABLE 3

Sea Ice Thickness of Hydroholes at the Four Manned Camps

Camp	Ice Thickness (cm) Below Sea Level at Hydro-hole
Caribou	300
Blue Fox	470
Snowbird	340
Big Bear	250

As a final indication of the quality of the salinity and temperature data, averaged values of the bottle and reversing thermometer at the various sampling depths are shown on the profiles.

ACCURACY OF THE DATA

Tests were run to determine the accuracy of the DDL and manually digitized STD data. The bottle data were used as the standard against which the final salinities and temperatures were checked. For each camp, the final salinity and temperature data were subtracted from the observed bottle data at the various tripping depths. Differences were grouped into two sections - DDL data and manually digitized data. Table 4 compares the mean salinity and temperature differences and the associated standard deviations for the four manned camps for each section.

TABLE 4

Means and Standard Deviations of Salinity and Temperature Differences for the Four Manned Camps

Camp	Data Type	Salinity	Temperature
Caribou	DDL	0.0 ± 0.015	0.002 ± 0.024
	Manual	0.005 ± 0.027	0.014 ± 0.041
Blue Fox	DDL	0.002 ± 0.001	0.019 ± 0.051
	Manual	0.020 ± 0.025	0.007 ± 0.037
Snowbird	DDL	0.002 ± 0.047	-0.006 ± 0.034
	Manual	0.006 ± 0.034	-0.024 ± 0.056
Big Bear	DDL	0.008 ± 0.022	0.030 ± 0.044
	Manual	0.013 ± 0.050	0.005 ± 0.059

METEOROLOGY DATA

Surface observations and digital recordings of meteorological sensors at a fixed height above the surface of the ice were maintained continually at each of the AIDJEX manned camps.

From the original data, hourly averages of surface barometric pressure, wind speed and direction at 10 meters and air temperatures at 2 and 9 meters above the surface were obtained from the AIDJEX data bank.

Data that were closest in time to each station were recorded with the station in permanent files on the computer. In the header information associated with each station in this report, values of temperature at 2 meters, surface barometric pressure and 10 meter wind speed and direction are reported. Blanks imply no available data for that particular parameter.

POSITION ESTIMATES AND ASSOCIATED ERRORS

Filtered and smoothed estimates for position and velocity through time were recently updated for all of the AIDJEX 1975-76 manned camps (Thorndike and Manley, 1980), to provide better resolution for inertial oscillations of the ice motion. The initial Satellite Navigation report (Thorndike and Cheung, 1977) indicated signal reduction in the data at the inertial period due to filtering of approximately 50% and was, therefore, not acceptable for the reduction of certain parts of the oceanographic data set.

Position estimates were not regularly spaced in time nor were they at the times when the STD or PCM stations were started. Therefore, it was necessary that some software routine be constructed in order to give reliable estimates of the position and ice velocity at the times of the stations in question.

Normally, 25-30 position fixes were recorded per day at each of the four camps. The maximum number of fixes per day was close to sixty, and the minimum was zero for a period of approximately five days. With these wide variations in the spacing of the data, it became important to estimate the standard error associated with the calculated positions and velocities. These error estimates would then later become useful in the determination of the station's relative importance for a particular application. Typical examples would be the rejection of an STD station (position error of 1000 m) intended to be used in a geostrophic calculation where the inter-station spacing is on the order of 2 kilometers, or relative velocity PCM stations being rejected for absolute data processing when the ice velocity error was exceedingly high. Regardless of the intended application, error estimates for both positions and velocity are an integral part of the data set.

There are several methods to determine the position of a given camp at a particular time, given precise estimates of the position and velocity before and after the time in question. The methods range from a simple approach of choosing the position fix closest in time to the station in question, to more involved interpolation schemes.

Due to the presence of small to intermediate scale structures observed in the AIDJEX oceanographic data set, precise position and ice velocity estimates were required to resolve them as best as possible. By defining a smooth and continuous time dependent function - X(t) - of a positional parameter such as latitude or longitude, four boundary conditions were initially provided by the navigation data set. These known conditions were X(t1), X(t2), X'(t1) and X'(t2); t1 and t2 indicate different observation times, and X' indicates the first derivative (velocity). In order for the function X(t) to be uniquely defined, X(t) by definition must be cubic.

Once the time of the station was provided, cubic equations for both latitude and longitude were defined using the navigations points of latitude, longitude and north and east ice velocities directly before and after the station time in question. Position and ice velocity were then obtained by substituting the time of the station into the cubic equations and their first derivatives with north and east ice velocities being defined as the first time derivative of latitude and longitude respectively.

Estimates (95% confidence limit) of the errors associated with latitude and longitude are also provided to the user. A more detailed explanation of the errors associated with position, as well as ice velocity is given in any of the AIDJEX profiling current meter data reports (Manley et al, 1980 a, b, c, d).

OBSERVED FEATURES

The stable ice platform permits the STD to be dropped and raised smoothly without the pumping action usually produced on casts from a rolling ship. Delineation of small scale structures is limited almost entirely by instrument characteristics alone. The AIDJEX data show considerable detail in such interesting oceanographic features as the upper mixed-layer, anomalies of temperature and salinity associated with baroclinic eddies and step structure. Since the STD profiles were continued over an entire year, the seasonal variations in these and other features were recorded. Also, the 100 km array of four (later three) ice stations permits description of the lateral variation of oceanographic features on this scale. The array scale was originally chosen to give information on mesoscale atmospheric effects. It is too large for detailed study of baroclinic eddies and too small for the general circulation. However, the scale does confirm the extent of variations in the mixed layer and in step structure. Baroclinic eddies are only 10 to 20 km in diameter and are observed at only one ice station at a time but some idea of their numbers can be obtained by the frequency of encounter with them.

Mixed Layer

The behavior of the upper mixed layer was one of the principal objectives to the AIDJEX oceanographic program. This layer of nearly homogeneous water extends, during the winter, from just below the ice to depths of 25 to 60 m. During the summer it disappears as the upper layers become strongly stratified. The aim of the AIDJEX field program was to measure as accurately as possible the forces acting on drifting ice including the frictional drag of the ocean. The degree of homogeneity or stratification of the upper layers has an important effect on water drag. A well-mixed upper layer results in more drag than a stratified layer.

The mixed layer which appears so strikingly in the winter and spring arctic profiles of temperature and salinity (fig. 7) is attributed to brine convection. Heavy brine is released during freezing to sink down to or below its level of equivalent density, overturning and mixing the surface layers as it descends. Most earlier arctic oceanographic stations were taken in winter and spring months. The mixed layer has been generally recognizable in bottle casts although details of its structure and evolution were not available. In the 1972 experiment, the mixed layer was about 35 m deep with a sharp break at that level to a steep gradient in temperature and salinity. The continuous record of a Guildline CTD showed the upper 15 m to be often unstable within the resolution of the instruments. The region from 15 to 35 m, while still having the appearance of a mixed layer, was neutral or slightly stable (Smith, 1974).

Results from the 1975-76 experiment with Plessey STD (CTDs) show that the mixed layer often has slight steps and that the details of the structure are not coherent over the 100 km array. The mixed layer in the spring of 1975 was about 50 m deep. The small steps in the mixed layer may be due to brine convection beneath a refreezing lead.

Fluid dynamical arguments suggest that such steps are limited to a horizontal extent of about 2 kilometers. Their horizontal scale is limited to approximately the Rossby radius of deformation which is small for such small density differences as these steps in the mixed layer (Stommel, 1969).

There are two principle stirring mechanisms by which a mixed layer may be formed; gravitational convection due to brine extrusion during freezing is usualy considered most important, mechanical stirring by ice drift must also play some part. Previous studies have not conclusively shown the relative importance of the two regimes (Solomon, 1973). The two mechanisms should operate on clearly separated horizontal scales with mechanical stirring by drift occurring over the 1000 km scale of the wind field and brine convection occurring over the 1 to 10 km scale of leads.

Few summertime observations were available on the upper layers before 1975. The AIDJEX records show that a continuous steep gradient in temperature and salinity often exists beneath the ice during summer when freshwater runoff from melting ice and snow stratifies the upper layers (figs. 10-13). Since the fresh water is lighter than sea water, it remains on top, stratifying the surface layer. At times the stratification may be less continuous (fig. 13). Figures 12 and 13 were taken on the same day, but at stations about 100 km apart and show the extent of horizontal variability. The amount of snow available for runoff and the number of cracks available for drainage cause this variability.

Figure 14 shows the development of the mixed layer through time. In the late summer, the mixed layer is absent (14a), but begins to develop and deepen

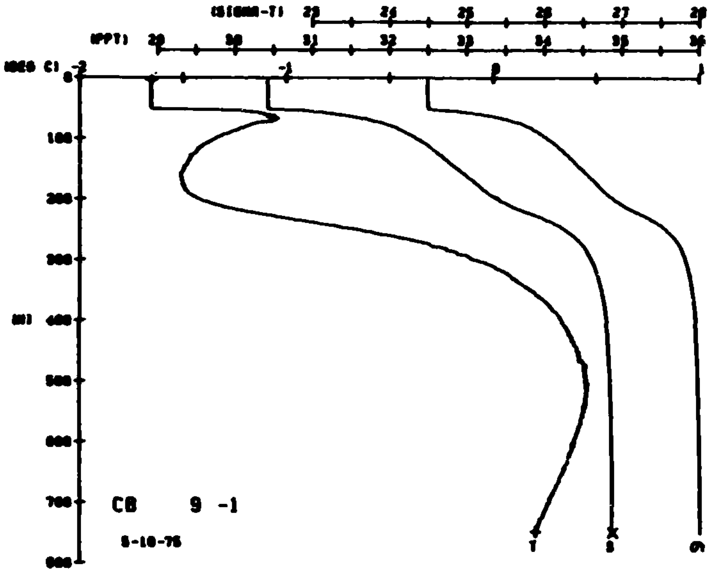

Figure 10 - STD-σ_t profile of Caribou Station 9.

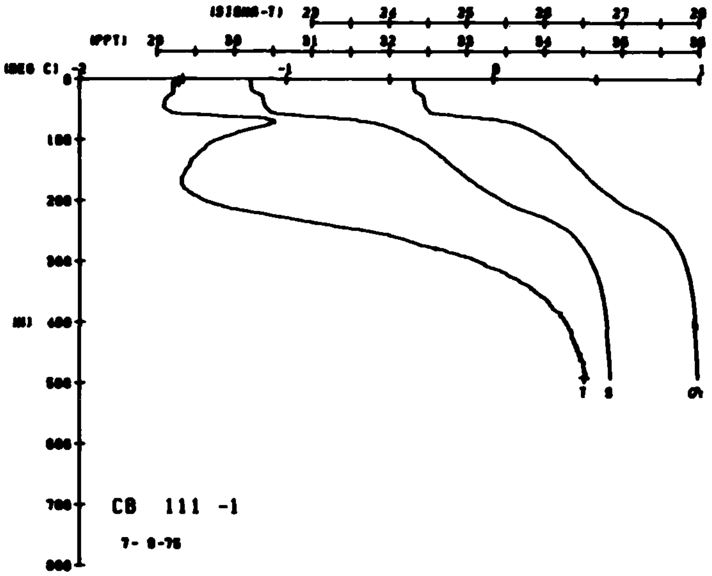

Figure 11 - STD-σ_t profile of Caribou Station 111.

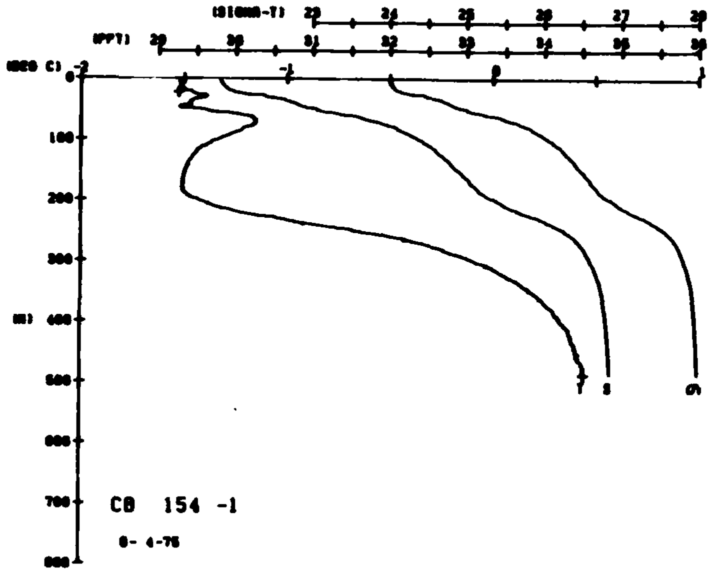

Figure 12 - STD-σ_t profile of Caribou Station 154.

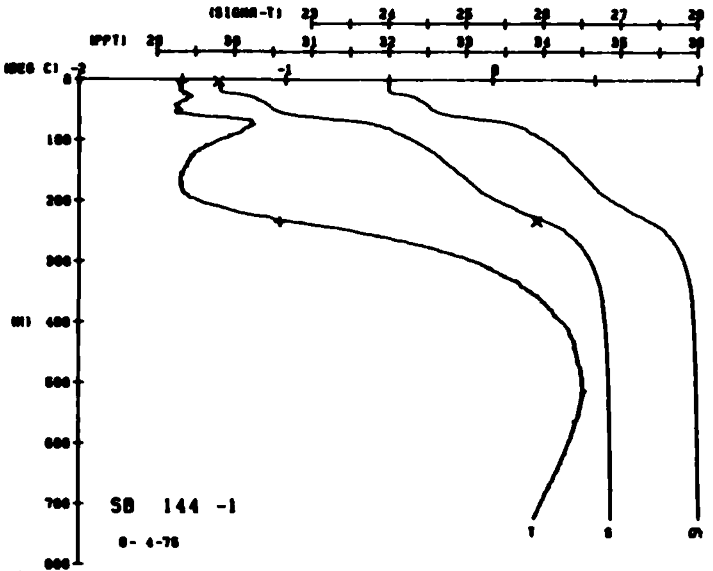

Figure 13 - STD-σ_t profile of Snowbird Station 144.

when the first freezing begins and is about 15 meters deep by September (14b). It continues to deepen slowly, reaching approximately 25 meters in December (14c), and attains a maximum depth of 40-50 meters in late spring (14d). Unforturnately, the experiment did not continue far into the spring of the following year, so an early station from camp Blue Fox is used to show this maximum (14d).

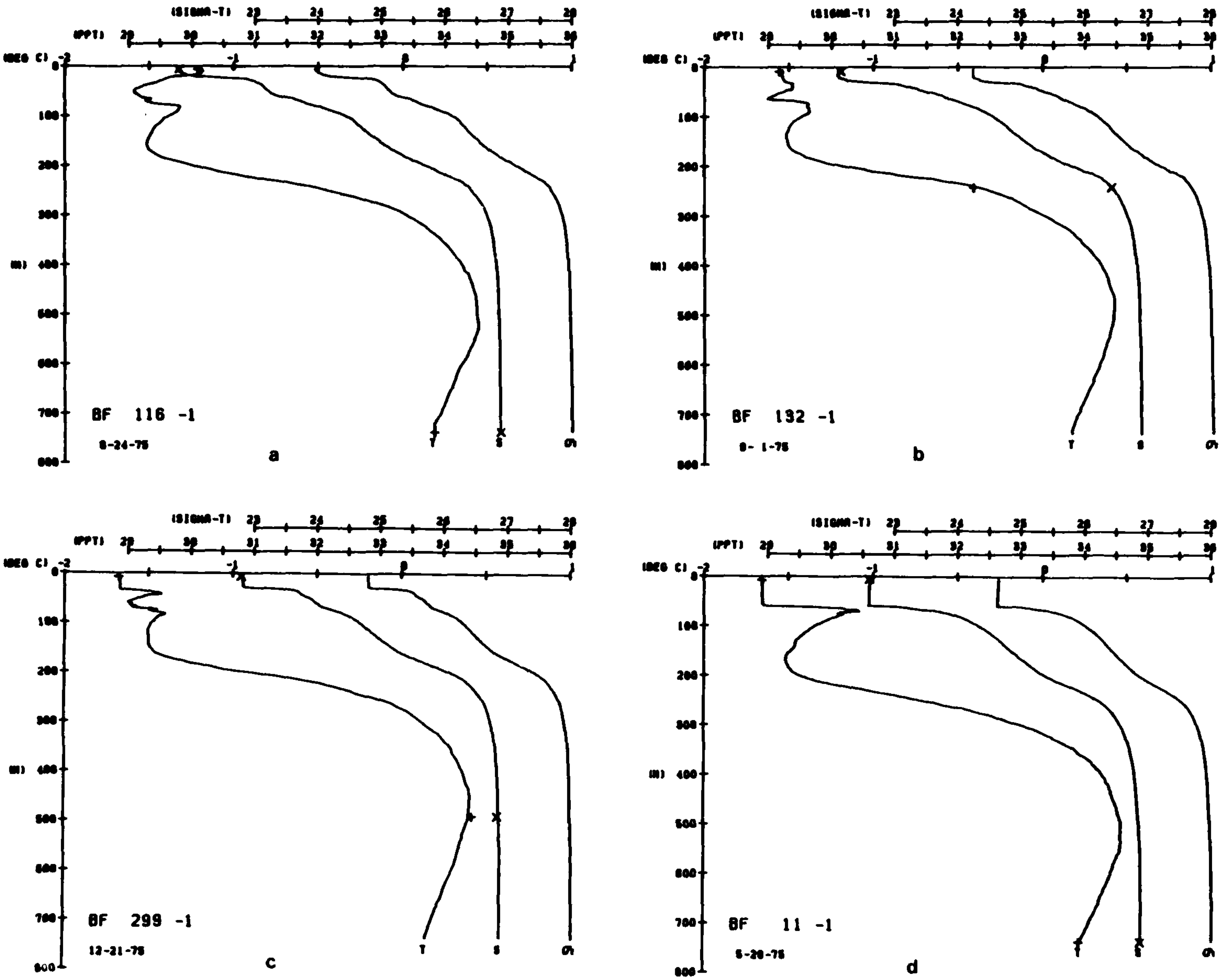

Figure 14 - Development of mixed layer as observed at Camp Blue Fox from late summer to late spring.

Mesoscale Eddies

One of the unexpected oceanographic results of the 1972 AIDJEX program was the detection of swift subsurface currents localized in the pycnocline. These currents coincided with the region of steepest density gradient between 50 and 300 m. Maximum speeds, found at a depth of about 150 m, reached 60 cm/s. This speed far exceeded the mean current of 1.8 cm/s (Hunkins, 1974 b; Newton, 1973; Newton et al., 1974; Dixit, 1978).

Although there had been observations of transient undercurrents by P.P. Shirshov as early as 1937 (Belyakov, 1972), the details and horizontal extent of the features were not known. In 1972, these transient currents were shown to occur as nearly circular eddies with diameters of 10 to 20 km. Both cyclonic and anticyclonic circulation were observed. The eddies are strongly baroclinic with signatures in both the velocity and density fields. The force balance is nearly geostrophic although centrifugal force is also of some significance since the eddies have such a small radius.

In the main experiment of 1975-76, eddies were detected at all four camps. Examples of current velocity profiles through eddies at the camps are shown in figs. 15-18. They differ from the barotropic wind-driven motions by often occurring when there is little ice motion and by their strong vertical shear.

Previous measurements of temperature and salinity through the eddies have been with discrete sampling by water bottles and reversing thermometers. These are the first eddy studies with the increased detail given by STD profiles. The eddies appear to move more slowly than drifting ice so that a cross-section through one may be obtained as the ice station drifts over it. This happened as the Snowbird station drifted across an eddy. Four successive

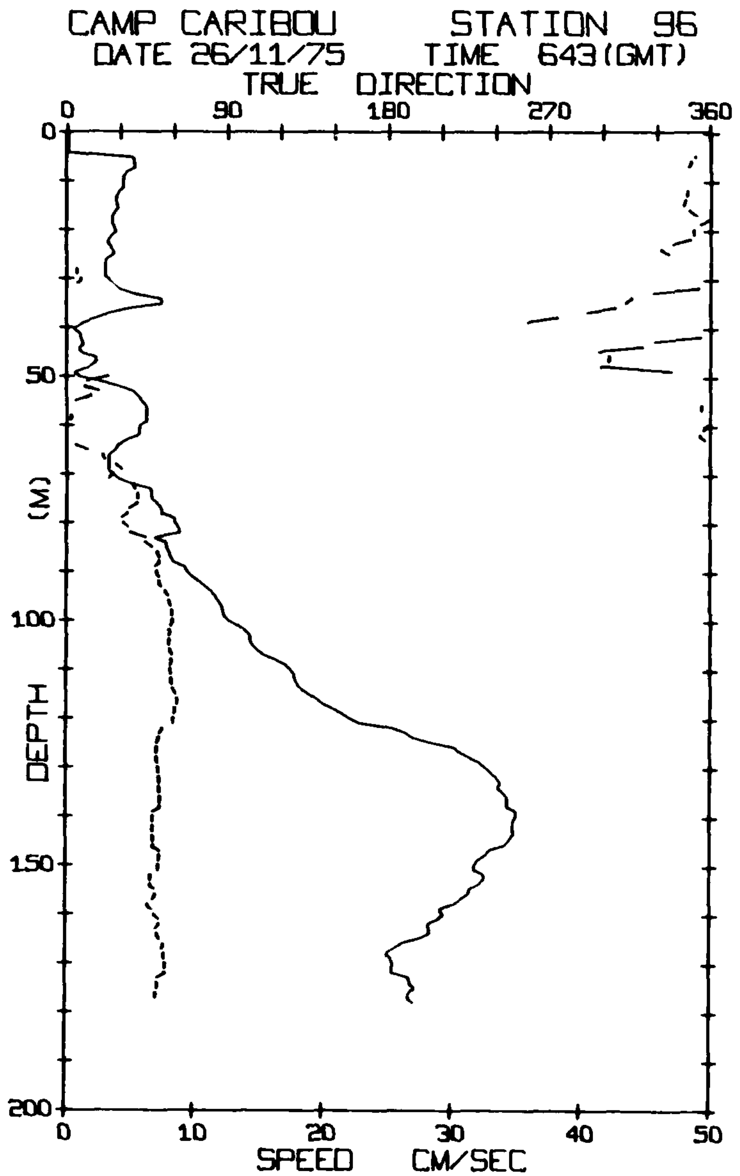

Figure 15 - Vertical velocity profile through an eddy observed at Camp Caribou; dashed line is true direction, solid line is absolute speed.

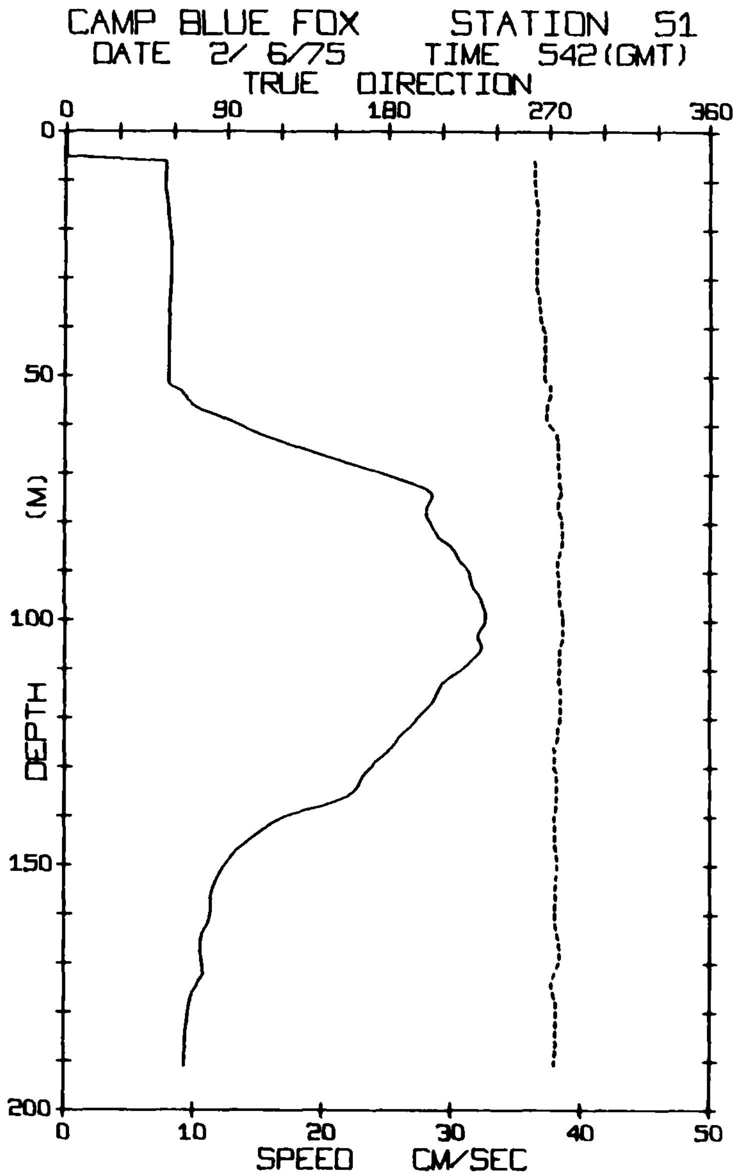

Figure 16 - Vertical velocity profile through an eddy observed at Camp Blue Fox; dashed line is true direction, solid line is absolute speed.

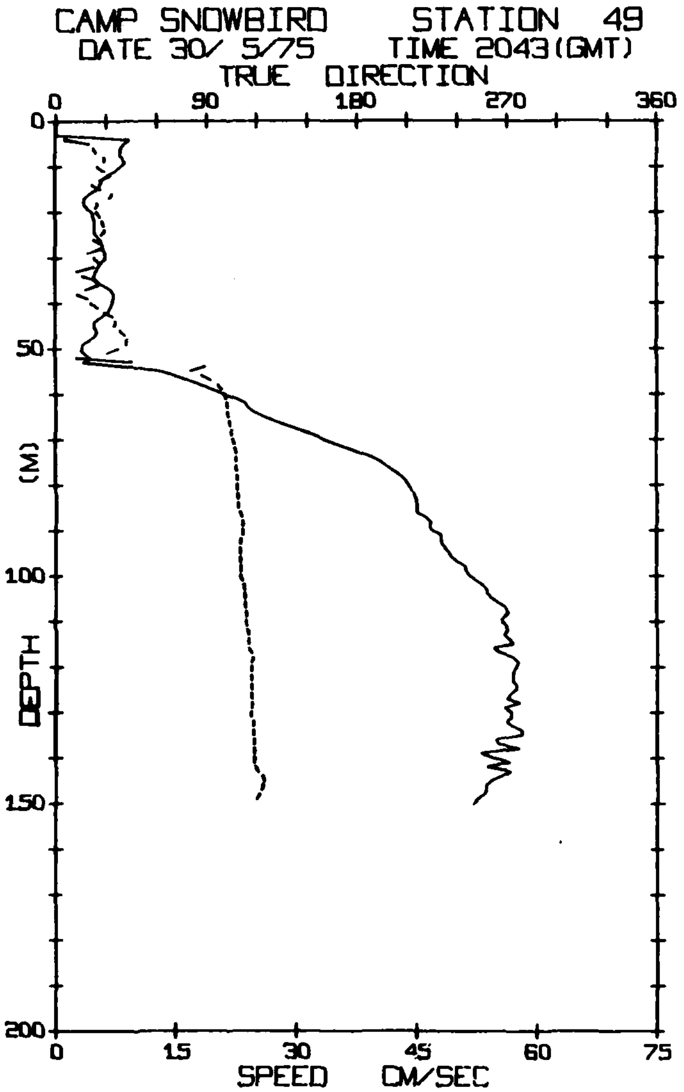

Figure 17 - Vertical velocity profile through an eddy observed at Camp Snowbird; dashed line is true direction, solid line is absolute speed.

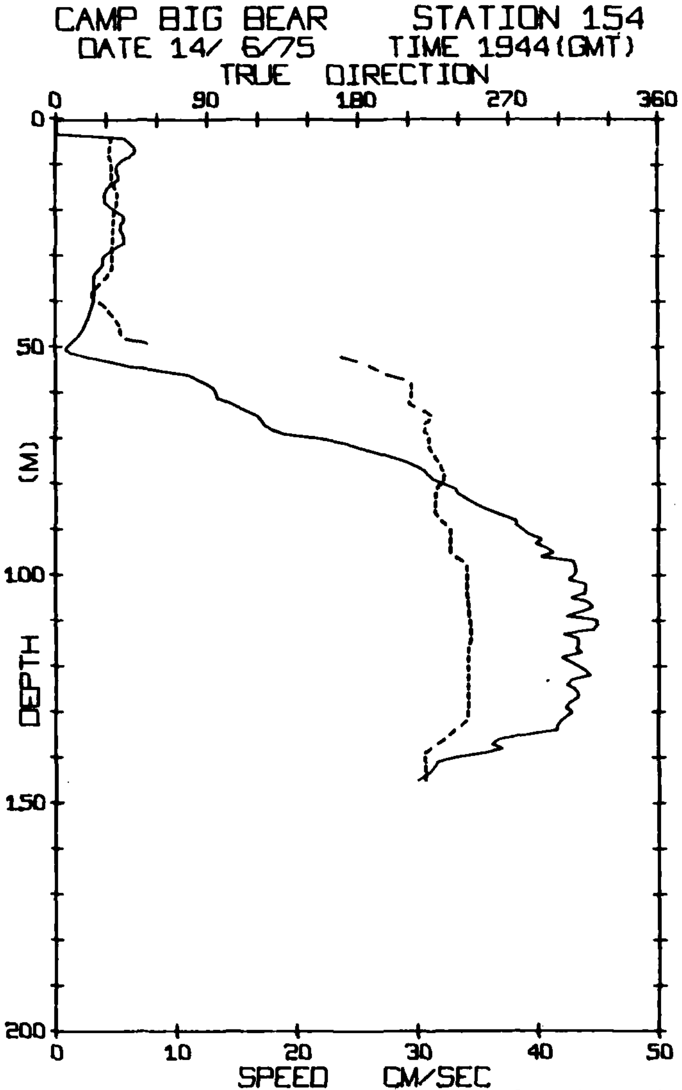

Figure 18 - Vertical velocity profile through an eddy observed at Camp Big Bear; dashed line is true direction, solid line is absolute speed.

profiles on four succeeding days show changes from normal conditions to eddy conditions and back to normal (fig. 19).

In the middle two profiles there is a marked change from the normal temperature and salinity between depths of 100 and 200m, the depth interval of maximum current velocity. Figure 13 shows the velocity profile corresponding to Snowbird station 30 in figure 19.

Measurements with increased time and space resolution have resulted in detection of baroclinic eddies in the Atlantic Ocean where they became the object of detailed study during the United States MODE experiments and Soviet POLYGON experiments. The Arctic eddies differ from the Atlantic ones in two ways. The horizontal and vertical space scales of the Arctic eddies are much smaller, 20 km and 200 m respectively, than those in the Atlantic, 100 km and 4000 m. The depth of maximum velocity within the eddies also differs between the two oceans. Whereas in the Atlantic it is close to the surface, in the Arctic the maximum is definitely below the surface at 80 to 150 m. This appears related to the presence of the ice cover against which the eddy is frictionally dissipated. Thus, the Arctic eddies enlarge the parameter range under which eddies are known to exist.

Prior to the printing of this report, a more detailed study of mesoscale eddies in the Arctic Ocean was recently completed (Manley, 1981). This work contains discussion on their characteristics, origin, and role in the energy, heat and salt balance of the western Arctic Ocean.

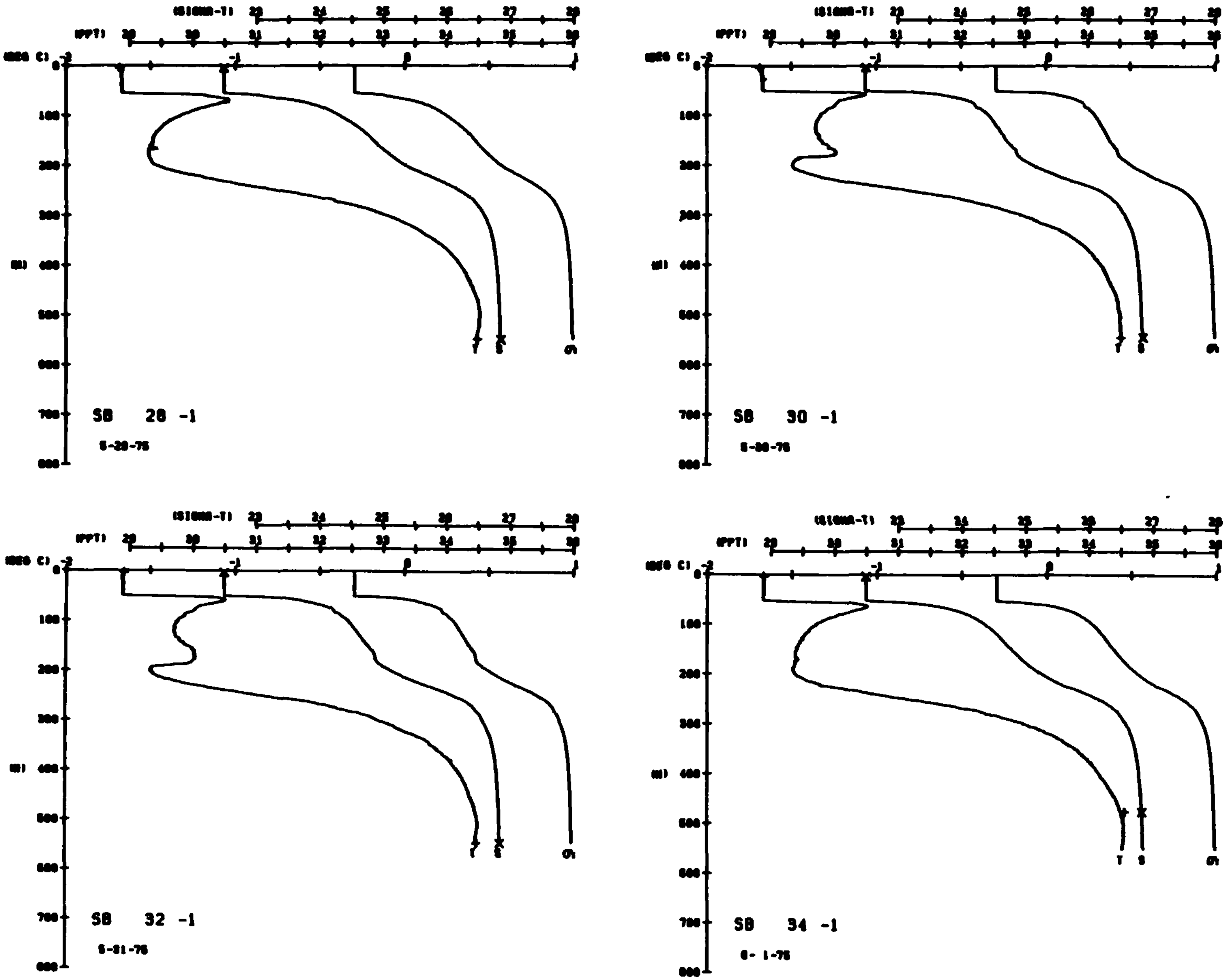

Figure 19 - T-S-σ_t observations through an eddy at Camp Snowbird.

Step Structure

Step structure is a third oceanographic feature which is shown in these STD (CTD) profiles. Arctic Ocean step structure has been reported previously by Neshyba et al., (1971), and consists of homogeneous layers about 3 m thick between depths of 200 to 500 m. The profiles of temperature and salinity taken during the main AIDJEX experiment also show similar features. An example of this step structure is shown in an expanded plot of temperature and salinity taken from STD station number 1 and Camp Snowbird (fig. 20). It was unexpected that such small features should be detected with the model 9040 STD, as it was not designed for microprofiling.

The abundant AIDJEX data should extend our geographical and temporal information on these step structures. It should be noted, however, than only data processed from magnetic tape (processing code = 1; see Table 5) are of a high enough quality to study the features.

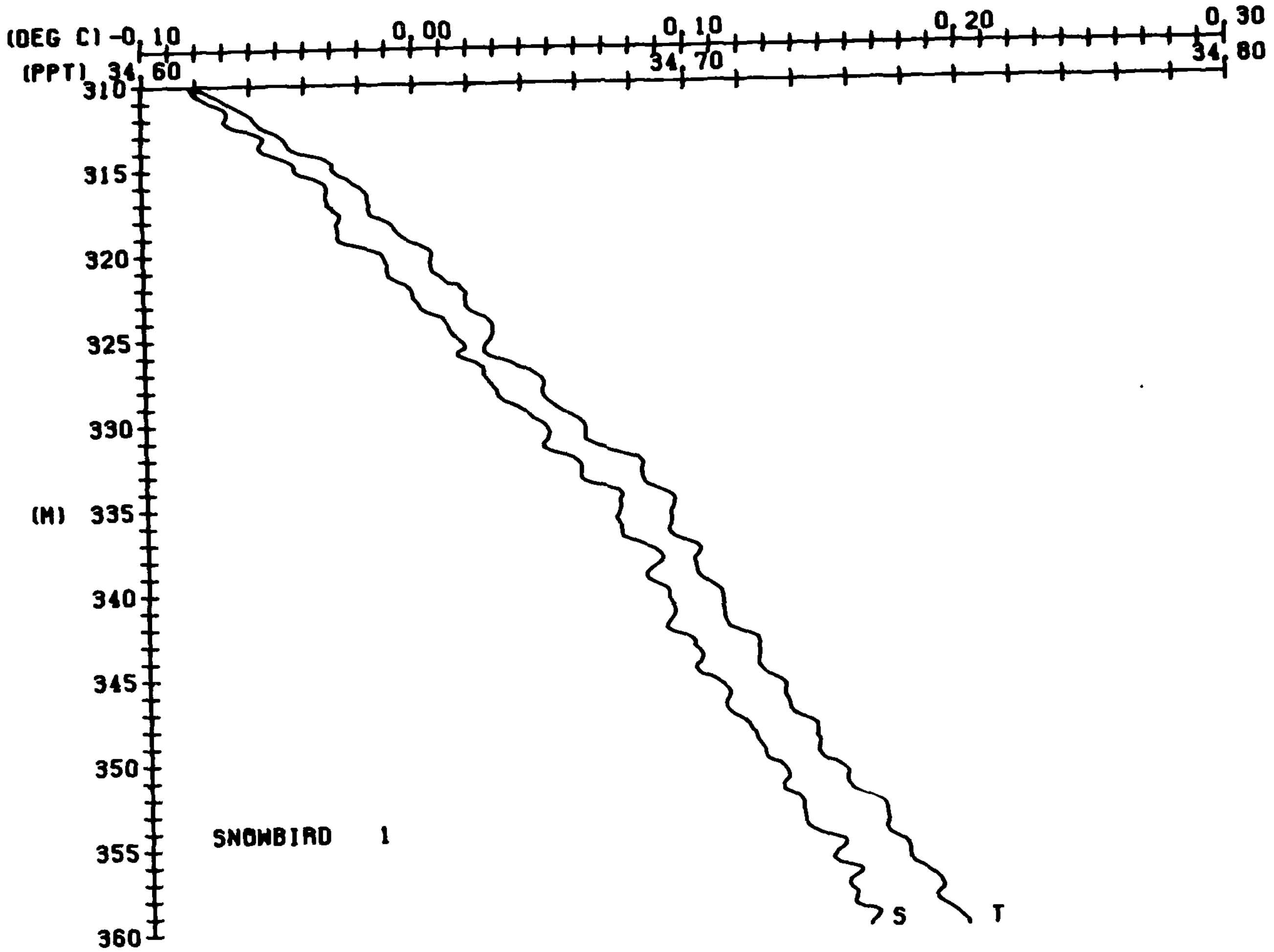

Figure 20 - Step structure through an eddy at Camp Snowbird, Station 1, May 16, 1975.

Observations of Supercooled Water

On numerous occasions during the AIDJEX program, water temperatures in the surface layers were below the freezing point for their salinity, especially during the months of winter and spring. The supercooling often exceeded 0.1°C. There have been many reports of supercooled waters in the arctic and antarctic oceanographic literature. These observations have been discussed by Doronin and Kheisin (1975) and by Lewis and Lake (1971). The reports of supercooling in polar waters seem to be accepted by the first authors while Lewis and Lake conclude on the basis of experiments and a survey of the literature that supercooling, if it exists at all, is very transitory. They conclude that the presence of ice crystals within the water leads to erroneously low salinity values upon analysis at room temperature and consequent freezing point calculations which are erroneously high.

In the AIDJEX data, the amount of supercooling, which can amount to 0.1°C or better, is too great to attribute to experimental error. The explanation of Lewis and Lake seems more likely to explain the anomalously cold water although no direct experiments were done to confirm the presence of ice crystals. Although the AIDJEX measurements were made by in situ temperature and conductivity sensors, the measurements were calibrated against bottle samples which were raised to the surface and analyzed at room temperature. Thus it is possible that melted ice crystals may have diluted the sample and these observations cannot be taken as serious evidence of supercooling in arctic surface waters.

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APPENDIX 1

CONVERSION TABLE FOR AIDJEX DAYS TO CALENDAR DAYS

For the main experiment, AIDJEX adopted a convention of numbering days consecutively, beginning with day 1 = 01 January, 1975 and ending with day 500 = 14 May, 1976.

In the conversion table, the first column is the AIDJEX day, the second is the corresponding day of 1975 or 1976 and the third entry is the calendar date.

				152	152	1	JUN 75	213	213	1	AUG 75	274	274	1	OCT 75	335	335	1	DEC 75	397	32	1	FEB 76	457	92	1	APR 76
				153	153	2	JUN 75	214	214	2	AUG 75	275	275	2	OCT 75	336	336	2	DEC 75	398	33	2	FEB 76	458	93	2	APR 76
				154	154	3	JUN 75	215	215	3	AUG 75	276	276	3	OCT 75	337	337	3	DEC 75	399	34	3	FEB 76	459	94	3	APR 76
				155	155	4	JUN 75	216	216	4	AUG 75	277	277	4	OCT 75	338	338	4	DEC 75	400	35	4	FEB 76	460	95	4	APR 76
				156	156	5	JUN 75	217	217	5	AUG 75	278	278	5	OCT 75	339	339	5	DEC 75	401	36	5	FEB 76	461	96	5	APR 76
				157	157	6	JUN 75	218	218	6	AUG 75	279	279	6	OCT 75	340	340	6	DEC 75	402	37	6	FEB 76	462	97	6	APR 76
				158	158	7	JUN 75	219	219	7	AUG 75	280	280	7	OCT 75	341	341	7	DEC 75	403	38	7	FEB 76	463	98	7	APR 76
				159	159	8	JUN 75	220	220	8	AUG 75	281	281	8	OCT 75	342	342	8	DEC 75	404	39	8	FEB 76	464	99	8	APR 76
				160	160	9	JUN 75	221	221	9	AUG 75	282	282	9	OCT 75	343	343	9	DEC 75	405	40	9	FEB 76	465	100	9	APR 76
				161	161	10	JUN 75	222	222	10	AUG 75	283	283	10	OCT 75	344	344	10	DEC 75	406	41	10	FEB 76	466	101	10	APR 76
101	101	11	APR 75	162	162	11	JUN 75	223	223	11	AUG 75	284	284	11	OCT 75	345	345	11	DEC 75	407	42	11	FEB 76	467	102	11	APR 76
102	102	12	APR 75	163	163	12	JUN 75	224	224	12	AUG 75	285	285	12	OCT 75	346	346	12	DEC 75	408	43	12	FEB 76	468	103	12	APR 76
103	103	13	APR 75	164	164	13	JUN 75	225	225	13	AUG 75	286	286	13	OCT 75	347	347	13	DEC 75	409	44	13	FEB 76	469	104	13	APR 76
104	104	14	APR 75	165	165	14	JUN 75	226	226	14	AUG 75	287	287	14	OCT 75	348	348	14	DEC 75	410	45	14	FEB 76	470	105	14	APR 76
105	105	15	APR 75	166	166	15	JUN 75	227	227	15	AUG 75	288	288	15	OCT 75	349	349	15	DEC 75	411	46	15	FEB 76	471	106	15	APR 76
106	106	16	APR 75	167	167	16	JUN 75	228	228	16	AUG 75	289	289	16	OCT 75	350	350	16	DEC 75	412	47	16	FEB 76	472	107	16	APR 76
107	107	17	APR 75	168	168	17	JUN 75	229	229	17	AUG 75	290	290	17	OCT 75	351	351	17	DEC 75	413	48	17	FEB 76	473	108	17	APR 76
108	108	18	APR 75	169	169	18	JUN 75	230	230	18	AUG 75	291	291	18	OCT 75	352	352	18	DEC 75	414	49	18	FEB 76	474	109	18	APR 76
109	109	19	APR 75	170	170	19	JUN 75	231	231	19	AUG 75	292	292	19	OCT 75	353	353	19	DEC 75	415	50	19	FEB 76	475	110	19	APR 76
110	110	20	APR 75	171	171	20	JUN 75	232	232	20	AUG 75	293	293	20	OCT 75	354	354	20	DEC 75	416	51	20	FEB 76	476	111	20	APR 76
111	111	21	APR 75	172	172	21	JUN 75	233	233	21	AUG 75	294	294	21	OCT 75	355	355	21	DEC 75	417	52	21	FEB 76	477	112	21	APR 76
112	112	22	APR 75	173	173	22	JUN 75	234	234	22	AUG 75	295	295	22	OCT 75	356	356	22	DEC 75	418	53	22	FEB 76	478	113	22	APR 76
113	113	23	APR 75	174	174	23	JUN 75	235	235	23	AUG 75	296	296	23	OCT 75	357	357	23	DEC 75	419	54	23	FEB 76	479	114	23	APR 76
114	114	24	APR 75	175	175	24	JUN 75	236	236	24	AUG 75	297	297	24	OCT 75	358	358	24	DEC 75	420	55	24	FEB 76	480	115	24	APR 76
115	115	25	APR 75	176	176	25	JUN 75	237	237	25	AUG 75	298	298	25	OCT 75	359	359	25	DEC 75	421	56	25	FEB 76	481	116	25	APR 76
116	116	26	APR 75	177	177	26	JUN 75	238	238	26	AUG 75	299	299	26	OCT 75	360	360	26	DEC 75	422	57	26	FEB 76	482	117	26	APR 76
117	117	27	APR 75	178	178	27	JUN 75	239	239	27	AUG 75	300	300	27	OCT 75	361	361	27	DEC 75	423	58	27	FEB 76	483	118	27	APR 76
118	118	28	APR 75	179	179	28	JUN 75	240	240	28	AUG 75	301	301	28	OCT 75	362	362	28	DEC 75	424	59	28	FEB 76	484	119	28	APR 76
119	119	29	APR 75	180	180	29	JUN 75	241	241	29	AUG 75	302	302	29	OCT 75	363	363	29	DEC 75	425	60	29	FEB 76	485	120	29	APR 76
120	120	30	APR 75	181	181	30	JUN 75	242	242	30	AUG 75	303	303	30	OCT 75	364	364	30	DEC 75					486	121	30	APR 76
								243	243	31	AUG 75	304	304	31	OCT 75	365	365	31	DEC 75								

121	121	1	MAY 75	182	182	1	JUL 75	244	244	1	SEP 75	305	305	1	NOV 75	366	1	1	JAN 76	426	61	1	MAR 76	487	122	1	MAY 76
122	122	2	MAY 75	183	183	2	JUL 75	245	245	2	SEP 75	306	306	2	NOV 75	367	2	2	JAN 76	427	62	2	MAR 76	488	123	2	MAY 76
123	123	3	MAY 75	184	184	3	JUL 75	246	246	3	SEP 75	307	307	3	NOV 75	368	3	3	JAN 76	428	63	3	MAR 76	489	124	3	MAY 76
124	124	4	MAY 75	185	185	4	JUL 75	247	247	4	SEP 75	308	308	4	NOV 75	369	4	4	JAN 76	429	64	4	MAR 76	490	125	4	MAY 76
125	125	5	MAY 75	186	186	5	JUL 75	248	248	5	SEP 75	309	309	5	NOV 75	370	5	5	JAN 76	430	65	5	MAR 76	491	126	5	MAY 76
126	126	6	MAY 75	187	187	6	JUL 75	249	249	6	SEP 75	310	310	6	NOV 75	371	6	6	JAN 76	431	66	6	MAR 76	492	127	6	MAY 76
127	127	7	MAY 75	188	188	7	JUL 75	250	250	7	SEP 75	311	311	7	NOV 75	372	7	7	JAN 76	432	67	7	MAR 76	493	128	7	MAY 76
128	128	8	MAY 75	189	189	8	JUL 75	251	251	8	SEP 75	312	312	8	NOV 75	373	8	8	JAN 76	433	68	8	MAR 76	494	129	8	MAY 76
129	129	9	MAY 75	190	190	9	JUL 75	252	252	9	SEP 75	313	313	9	NOV 75	374	9	9	JAN 76	434	69	9	MAR 76	495	130	9	MAY 76
130	130	10	MAY 75	191	191	10	JUL 75	253	253	10	SEP 75	314	314	10	NOV 75	375	10	10	JAN 76	435	70	10	MAR 76	496	131	10	MAY 76
131	131	11	MAY 75	192	192	11	JUL 75	254	254	11	SEP 75	315	315	11	NOV 75	376	11	11	JAN 76	436	71	11	MAR 76	497	132	11	MAY 76
132	132	12	MAY 75	193	193	12	JUL 75	255	255	12	SEP 75	316	316	12	NOV 75	377	12	12	JAN 76	437	72	12	MAR 76	498	133	12	MAY 76
133	133	13	MAY 75	194	194	13	JUL 75	256	256	13	SEP 75	317	317	13	NOV 75	378	13	13	JAN 76	438	73	13	MAR 76	499	134	13	MAY 76
134	134	14	MAY 75	195	195	14	JUL 75	257	257	14	SEP 75	318	318	14	NOV 75	379	14	14	JAN 76	439	74	14	MAR 76	500	135	14	MAY 76
135	135	15	MAY 75	196	196	15	JUL 75	258	258	15	SEP 75	319	319	15	NOV 75	380	15	15	JAN 76	440	75	15	MAR 76				
136	136	16	MAY 75	197	197	16	JUL 75	259	259	16	SEP 75	320	320	16	NOV 75	381	16	16	JAN 76	441	76	16	MAR 76				
137	137	17	MAY 75	198	198	17	JUL 75	260	260	17	SEP 75	321	321	17	NOV 75	382	17	17	JAN 76	442	77	17	MAR 76				
138	138	18	MAY 75	199	199	18	JUL 75	261	261	18	SEP 75	322	322	18	NOV 75	383	18	18	JAN 76	443	78	18	MAR 76				
139	139	19	MAY 75	200	200	19	JUL 75	262	262	19	SEP 75	323	323	19	NOV 75	384	19	19	JAN 76	444	79	19	MAR 76				
140	140	20	MAY 75	201	201	20	JUL 75	263	263	20	SEP 75	324	324	20	NOV 75	385	20	20	JAN 76	445	80	20	MAR 76				
141	141	21	MAY 75	202	202	21	JUL 75	264	264	21	SEP 75	325	325	21	NOV 75	386	21	21	JAN 76	446	81	21	MAR 76				
142	142	22	MAY 75	203	203	22	JUL 75	265	265	22	SEP 75	326	326	22	NOV 75	387	22	22	JAN 76	447	82	22	MAR 76				
143	143	23	MAY 75	204	204	23	JUL 75	266	266	23	SEP 75	327	327	23	NOV 75	388	23	23	JAN 76	448	83	23	MAR 76				
144	144	24	MAY 75	205	205	24	JUL 75	267	267	24	SEP 75	328	328	24	NOV 75	389	24	24	JAN 76	449	84	24	MAR 76				
145	145	25	MAY 75	206	206	25	JUL 75	268	268	25	SEP 75	329	329	25	NOV 75	390	25	25	JAN 76	450	85	25	MAR 76				
146	146	26	MAY 75	207	207	26	JUL 75	269	269	26	SEP 75	330	330	26	NOV 75	391	26	26	JAN 76	451	86	26	MAR 76				
147	147	27	MAY 75	208	208	27	JUL 75	270	270	27	SEP 75	331	331	27	NOV 75	392	27	27	JAN 76	452	87	27	MAR 76				
148	148	28	MAY 75	209	209	28	JUL 75	271	271	28	SEP 75	332	332	28	NOV 75	393	28	28	JAN 76	453	88	28	MAR 76				
149	149	29	MAY 75	210	210	29	JUL 75	272	272	29	SEP 75	333	333	29	NOV 75	394	29	29	JAN 76	454	89	29	MAR 76				
150	150	30	MAY 75	211	211	30	JUL 75	273	273	30	SEP 75	334	334	30	NOV 75	395	30	30	JAN 76	455	90	30	MAR 76				
151	151	31	MAY 75	212	212	31	JUL 75									396	31	31	JAN 76	456	91	31	MAR 76				

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STATION INFORMATION

In this section is a brief listing of all the stations at the indicated camp along with other pertinent information. A brief list of the terms and their meanings are shown below:

CAMP	Name of manned camp
STAT	PCM station
MODE	1 implies downtrace 2 implies uptrace
DY	Day
MON	Month
YR	Year
TIME	GMT time of station
CODE	Processing code, see table 8
AJXDAY	AIDJEX day (decimal) of station, see Appendix 3
D. MIN	Minimum depth (meters) of station
D. MAX	Maximum depth (meters) obtained at station
LATITUDE	Latitude of station in decimal degrees
LONGITUDE	Longitude of station in decimal degrees (- indicates West longitude)
LT. ERR	Error of latitude position in meters
LG. ERR	Error of longitude position in meters

CAMP	STAT	MODE	DY	MON	YR	TIME	CODE	AJXDAY	D.MIN	D.MAX	LATITUDE	LONGITUDE	LAT.ERR	LNG.ERR
BIG BEAR	4	1	4	APR	75	608	2	94.2556	54.5	1001.5	99.99990	99.99990	9999.9	9999.9
BIG BEAR	5	1	5	APR	75	627	2	95.2688	3.0	1003.7	99.99990	99.99990	9999.9	9999.9
BIG BEAR	6	1	6	APR	75	613	2	96.2590	5.9	729.9	99.99990	99.99990	9999.9	9999.9
BIG BEAR	7	1	6	APR	75	1746	2	96.7403	3.6	995.1	99.99990	99.99990	9999.9	9999.9
BIG BEAR	8	1	7	APR	75	517	2	97.2201	3.0	979.9	99.99990	99.99990	9999.9	9999.9
BIG BEAR	9	1	7	APR	75	1752	2	97.7444	3.8	975.5	99.99990	99.99990	9999.9	9999.9
BIG BEAR	10	2	8	APR	75	507	2	98.2132	5.5	732.9	99.99990	99.99990	9999.9	9999.9
BIG BEAR	13	1	9	APR	75	641	2	99.2785	6.6	979.3	99.99990	99.99990	9999.9	9999.9
BIG BEAR	14	1	9	APR	75	1800	2	99.7600	3.8	180.3	99.99990	99.99990	9999.9	9999.9
BIG BEAR	22	1	10	APR	75	1739	2	100.7354	9.1	734.2	99.99990	99.99990	9999.9	9999.9
BIG BEAR	24	1	11	APR	75	500	2	101.2083	9.8	731.6	76.35190	-145.34979	0.8	1.6
BIG BEAR	28	1	12	APR	75	507	2	102.2132	8.1	732.2	76.35620	-145.25549	1.1	2.2
BIG BEAR	30	1	12	APR	75	1654	2	102.7042	3.2	731.4	76.35340	-145.25690	0.4	0.7
BIG BEAR	32	1	13	APR	75	531	2	103.2299	3.8	733.1	76.35460	-145.26910	1.1	2.2
BIG BEAR	34	1	13	APR	75	1728	2	103.7278	4.9	876.7	76.35550	-145.28590	12.5	37.6
BIG BEAR	35	1	13	APR	75	2151	2	103.9104	6.8	733.8	76.35890	-145.29640	1.1	2.2
BIG BEAR	37	1	14	APR	75	501	2	104.2090	4.5	748.4	76.37260	-145.34081	1.1	2.0
BIG BEAR	39	2	14	APR	75	1709	2	104.7146	4.3	731.9	76.41790	-145.50830	0.5	0.8
BIG BEAR	43	1	15	APR	75	1727	2	105.7271	5.7	742.6	76.49900	-145.57460	0.8	1.4
BIG BEAR	45	1	16	APR	75	542	2	106.2375	5.4	729.7	76.48780	-145.34911	0.3	0.4
BIG BEAR	47	1	16	APR	75	1731	2	106.7299	87.0	731.8	76.50250	-145.19870	10.7	32.7
BIG BEAR	49	1	17	APR	75	530	1	107.2292	3.2	727.7	76.51100	-145.01019	2.3	6.7
BIG BEAR	51	1	17	APR	75	1657	1	107.7063	4.9	734.2	76.49980	-144.92661	12.2	36.5
BIG BEAR	53	1	18	APR	75	428	1	108.1861	5.2	2940.4	76.48340	-144.81931	0.7	1.3
BIG BEAR	55	1	18	APR	75	1727	1	108.7271	3.1	3009.5	76.47910	-144.75540	33.7	68.1
BIG BEAR	57	1	19	APR	75	421	1	109.1813	3.2	730.0	76.48130	-144.64050	0.4	0.7
BIG BEAR	59	1	19	APR	75	1709	1	109.7146	160.0	728.4	76.48080	-144.54939	0.9	1.8
BIG BEAR	61	1	20	APR	75	411	1	110.1743	3.1	728.4	76.48220	-144.44620	0.4	0.5
BIG BEAR	63	1	20	APR	75	1723	1	110.7243	3.3	745.6	76.47880	-144.42329	9.1	28.0
BIG BEAR	65	1	21	APR	75	403	1	111.1687	3.2	498.8	76.46850	-144.44000	0.3	0.4
BIG BEAR	67	1	21	APR	75	1707	1	111.7132	3.2	730.7	76.49200	-144.46519	0.3	0.4
BIG BEAR	69	1	22	APR	75	410	1	112.1736	3.3	730.6	76.48550	-144.52380	0.1	0.0
BIG BEAR	71	1	22	APR	75	1704	1	112.7111	3.1	731.1	76.47260	-144.59360	0.0	0.0
BIG BEAR	73	1	23	APR	75	406	1	113.1708	4.9	731.5	76.45520	-144.56290	0.0	0.0
BIG BEAR	75	1	23	APR	75	1728	1	113.7278	86.0	748.3	76.44080	-144.52049	0.2	0.1
BIG BEAR	77	1	24	APR	75	336	1	114.1500	5.1	732.6	76.43710	-144.49420	12.2	37.1
BIG BEAR	79	1	24	APR	75	1738	1	114.7347	4.4	733.2	76.43890	-144.50320	0.7	1.3
BIG BEAR	81	1	25	APR	75	357	1	115.1646	9.3	715.6	76.43300	-144.47310	0.5	0.9
BIG BEAR	83	1	25	APR	75	1724	1	115.7250	3.1	730.2	76.42990	-144.46370	0.1	0.0
BIG BEAR	84	1	26	APR	75	425	1	116.1840	3.1	727.8	76.43960	-144.44920	0.9	1.7
BIG BEAR	86	1	26	APR	75	1845	1	116.7813	4.8	729.9	76.44420	-144.44800	0.8	1.4
BIG BEAR	89	1	27	APR	75	1757	2	117.7479	4.8	732.7	76.43050	-144.39000	1.0	2.0
BIG BEAR	91	1	28	APR	75	556	2	118.2472	10.0	727.4	76.42050	-144.35291	1.1	2.2
BIG BEAR	93	1	28	APR	75	1752	2	118.7444	13.4	729.1	76.41900	-144.34039	0.0	0.0
BIG BEAR	95	1	29	APR	75	520	2	119.2222	3.6	729.7	76.42000	-144.30150	1.1	2.2
BIG BEAR	97	1	29	APR	75	1742	2	119.7375	8.4	729.3	76.42210	-144.27490	0.6	1.0
BIG BEAR	99	1	30	APR	75	451	2	120.2021	3.6	727.2	76.44760	-144.12531	32.4	65.4
BIG BEAR	103	1	1	MAY	75	546	2	121.2403	10.7	733.5	76.46400	-143.66679	0.0	0.0
BIG BEAR	105	1	1	MAY	75	1742	2	121.7375	7.7	730.7	76.46220	-143.66290	0.8	1.4
BIG BEAR	107	1	2	MAY	75	432	2	122.1889	11.2	728.4	76.45280	-143.68140	0.4	0.7
BIG BEAR	111	1	3	MAY	75	436	2	123.1917	5.4	731.4	76.44500	-143.84500	0.5	0.9
BIG BEAR	115	1	4	MAY	75	437	2	124.1924	7.4	727.3	76.42960	-144.04660	0.9	1.7
BIG BEAR	117	1	4	MAY	75	1727	2	124.7271	3.7	730.1	76.42460	-144.14120	8.2	25.2
BIG BEAR	119	1	5	MAY	75	425	2	125.1840	4.6	730.3	76.42560	-144.31660	0.9	1.6
BIG BEAR	121	1	5	MAY	75	1721	2	125.7229	5.2	730.3	76.42520	-144.55220	0.5	0.7
BIG BEAR	123	1	6	MAY	75	407	2	126.1715	11.9	728.5	76.43650	-144.73689	1.1	2.2
BIG BEAR	125	1	6	MAY	75	1719	2	126.7215	9.7	728.7	76.44540	-144.92979	1.0	2.0
BIG BEAR	127	1	7	MAY	75	420	2	127.1806	8.2	729.7	76.45860	-145.05940	0.7	1.1
BIG BEAR	129	1	7	MAY	75	1709	2	127.7146	5.2	729.5	76.46390	-145.12151	9.3	26.9
BIG BEAR	131	1	8	MAY	75	418	2	128.1792	6.1	728.2	76.46710	-145.15700	1.1	2.2
BIG BEAR	133	1	8	MAY	75	1716	2	128.7195	5.3	726.0	76.46850	-145.20490	1.1	2.2
BIG BEAR	135	1	9	MAY	75	417	2	129.1785	5.7	730.5	76.47970	-145.23930	1.1	2.2
BIG BEAR	137	1	9	MAY	75	1715	2	129.7188	4.8	730.8	76.49430	-145.23280	1.1	2.2
BIG BEAR	139	1	10	MAY	75	416	2	130.1778	11.9	729.4	76.49750	-145.21381	1.0	1.9
BIG BEAR	141	1	10	MAY	75	1715	2	130.7188	3.9	729.9	76.48510	-145.17210	0.1	0.0
BIG BEAR	143	1	11	MAY	75	418	2	131.1792	3.7	2938.2	76.45810	-145.12920	0.9	1.6
BIG BEAR	145	1	11	MAY	75	1716	2	131.7195	5.4	729.9	76.43510	-145.08760	1.1	2.2
BIG BEAR	147	1	12	MAY	75	415	2	132.1771	3.7	729.2	76.41140	-145.10960	0.0	0.0
BIG BEAR	149	1	12	MAY	75	1717	2	132.7201	5.4	729.3	76.38720	-145.12210	1.0	1.9
BIG BEAR	151	1	13	MAY	75	415	2	133.1771	6.3	729.3	76.35200	-145.18179	0.8	1.6

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   CAMP     STAT MODE  DY MON YR TIME  CODE  AJXDAY    D.MIN  D.MAX    LATITUDE   LONGITUDE   LAT.ERR LNG.ERR

BIG BEAR   153    1    13 MAY 75 1815    2   133.7604    5.0   729.2   76.31470  -145.23120     0.3     0.5
BIG BEAR   155    1    14 MAY 75  415    2   134.1771    5.0   728.6   76.28930  -145.17450     0.3     0.4
BIG BEAR   157    1    14 MAY 75 1715    2   134.7188    6.5   729.1   76.26070  -145.08211     0.8     1.5
BIG BEAR   159    1    15 MAY 75  400    2   135.1667   12.2   729.3   76.23490  -144.95399    12.5    37.6
BIG BEAR   161    1    15 MAY 75 1700    2   135.7083    8.0   729.6   76.20340  -144.89720     0.9     1.6
BIG BEAR   163    1    16 MAY 75  400    2   136.1667    6.6   729.2   76.18110  -144.93190     0.9     1.7
BIG BEAR   165    1    16 MAY 75 1700    2   136.7083    5.3   728.2   76.19110  -144.90131     0.2     0.3
BIG BEAR   167    1    17 MAY 75  400    2   137.1667    5.7   729.3   76.22130  -144.94820    34.3    66.8
BIG BEAR   169    1    17 MAY 75 1725    2   137.7257    9.9  2939.0   76.25720  -145.11890     1.0     2.0
BIG BEAR   171    1    18 MAY 75  400    2   138.1667    5.2   729.2   76.27540  -145.29680     1.1     2.2
BIG BEAR   173    1    18 MAY 75 1700    2   138.7083    4.1   729.2   76.27570  -145.47459     0.5     0.8
BIG BEAR   175    1    19 MAY 75  400    2   139.1667    4.4   729.2   76.26720  -145.65269     0.6     1.1
BIG BEAR   177    1    19 MAY 75 1708    2   139.7139    7.6   729.3   76.24470  -145.73100     1.1     2.2
BIG BEAR   179    1    20 MAY 75  400    2   140.1667    4.8   728.1   76.22340  -145.77510     1.0     1.9
BIG BEAR   181    1    20 MAY 75 1700    2   140.7083    6.7   729.0   76.20910  -145.76370     0.1     0.0
BIG BEAR   183    1    21 MAY 75  500    2   141.2083   12.1   729.8   76.20410  -145.71880     1.0     1.9
BIG BEAR   185    1    21 MAY 75 1700    2   141.7083    5.9   731.5   76.20450  -145.66060     0.0     0.0
BIG BEAR   187    1    22 MAY 75  500    2   142.2083    5.2   727.9   76.22340  -145.58580     0.2     0.3
BIG BEAR   189    1    22 MAY 75 1700    2   142.7083    4.2   728.1   76.23620  -145.50301     0.8     1.5
BIG BEAR   191    1    23 MAY 75  500    2   143.2083   13.6   728.8   76.24160  -145.41290     1.1     2.2
BIG BEAR   193    1    23 MAY 75 1700    2   143.7083    4.8   728.8   76.24260  -145.36320     1.1     2.2
BIG BEAR   195    1    24 MAY 75  500    2   144.2083    4.7   728.6   76.23290  -145.30890     0.5     0.9
BIG BEAR   197    2    24 MAY 75 1711    2   144.7160    5.8  2936.1   76.22600  -145.28070     0.0     0.0
BIG BEAR   199    1    25 MAY 75  515    2   145.2188    5.9   501.1   76.23130  -145.26289     0.8     1.4
BIG BEAR   201    2    25 MAY 75 1728    2   145.7278    4.4   730.4   76.24560  -145.27319     0.3     0.4
BIG BEAR   203    1    26 MAY 75  500    2   146.2083    4.4   729.4   76.25740  -145.36591     1.1     2.1
BIG BEAR   205    1    26 MAY 75 1705    2   146.7118    5.3   728.6   76.24770  -145.53630     1.5     3.4
BIG BEAR   207    2    27 MAY 75  500    2   147.2083    4.5   729.2   76.24340  -145.72670     1.1     2.1
BIG BEAR   209    1    27 MAY 75 1715    2   147.7188    4.4   729.8   76.25000  -145.90070     0.0     0.0
BIG BEAR   213    2    28 MAY 75 1718    2   148.7208    5.4   729.2   76.29150  -146.24609     1.1     2.0
BIG BEAR   215    2    29 MAY 75  510    2   149.2153    5.0   729.4   76.31970  -146.41451     1.1     2.2
BIG BEAR   217    1    29 MAY 75 1854    2   149.7875    6.8   729.4   76.34800  -146.57370     1.1     2.2
BIG BEAR   219    1    30 MAY 75  509    2   150.2146    5.5   729.0   76.37270  -146.73129   378.9   395.9
BIG BEAR   221    1    30 MAY 75 1645    2   150.6979    7.4   727.3   76.39720  -146.84480   482.7   981.4
BIG BEAR   223    1     1 JUN 75  523    2   152.2243   11.3   728.1   76.42700  -147.10210     0.9     1.7
BIG BEAR   225    1     1 JUN 75 1732    2   152.7306    7.0   729.0   76.42910  -147.17160     0.9     1.6
BIG BEAR   227    1     2 JUN 75  500    2   153.2083    6.6   726.3   76.43020  -147.29100     1.1     2.2
BIG BEAR   229    1     2 JUN 75 1700    2   153.7083    5.7   730.0   76.43540  -147.37050     2.7     6.8
BIG BEAR   231    2     3 JUN 75 1700    2   154.7083    5.3   728.1   76.45020  -147.53870     0.3     0.4
BIG BEAR   233    1     4 JUN 75  500    2   155.2083    5.4   730.8   76.46140  -147.67300     1.1     2.1
BIG BEAR   235    1     4 JUN 75 1723    2   155.7243    5.4  2948.1   76.46530  -147.82860     0.6     1.0
BIG BEAR   237    1     5 JUN 75  500    2   156.2083    3.6   730.2   76.46360  -147.98810     1.1     2.2
BIG BEAR   239    1     5 JUN 75 1700    2   156.7083    6.1   729.6   76.45970  -148.08760     0.9     1.7
BIG BEAR   241    1     6 JUN 75  500    2   157.2083    5.4   727.7   76.44990  -148.18690     0.0     0.0
BIG BEAR   243    2     6 JUN 75 1700    2   157.7083    5.8   728.8   76.44020  -148.26601    42.0    86.2
BIG BEAR   245    1     7 JUN 75  500    2   158.2083    6.3   727.9   76.42820  -148.37010     0.0     0.0
BIG BEAR   247    1     7 JUN 75 1700    2   158.7083    4.8  2935.6   76.41770  -148.42720     0.0     0.0
BIG BEAR   249    1     8 JUN 75  500    2   159.2083    5.9   728.1   76.40760  -148.47330     0.9     1.7
BIG BEAR   251    1     8 JUN 75 1700    2   159.7083    5.0   739.2   76.38750  -148.51311     0.3     0.5
BIG BEAR   253    1     9 JUN 75  500    2   160.2083    4.1   729.4   76.36310  -148.49780     0.4     0.6
BIG BEAR   255    1     9 JUN 75 1700    2   160.7083    5.4   729.4   76.34870  -148.46680     0.0     0.0
BIG BEAR   257    1    10 JUN 75  500    2   161.2083    5.0   728.9   76.34320  -148.43730     0.8     1.6
BIG BEAR   259    1    10 JUN 75 1700    2   161.7083    6.9   732.3   76.33340  -148.37700     0.2     0.4
BIG BEAR   261    1    11 JUN 75  500    2   162.2083    5.7   730.6   76.31700  -148.27190     0.3     0.5
BIG BEAR   263    2    11 JUN 75 1700    2   162.7083    3.2   727.7   76.31610  -148.23410     0.5     0.7
BIG BEAR   265    1    12 JUN 75  500    2   163.2083    6.1   728.5   76.31860  -148.28670     0.9     1.9
BIG BEAR   267    1    12 JUN 75 1700    2   163.7083    5.2   727.7   76.31760  -148.28101     0.9     1.8
BIG BEAR   271    1    13 JUN 75 1700    2   164.7083    7.2   727.9   76.30850  -148.36400     1.1     2.2
BIG BEAR   273    1    14 JUN 75  500    2   165.2083    4.5   728.5   76.31240  -148.38960     0.3     0.3
BIG BEAR   275    1    14 JUN 75 1700    2   165.7083    5.0  2939.6   76.32320  -148.39951     0.2     0.3
BIG BEAR   277    1    15 JUN 75  500    2   166.2083    5.8   728.9   76.34290  -148.41161     3.7     9.6
BIG BEAR   279    1    15 JUN 75 1700    2   166.7083   13.4   727.7   76.34670  -148.49741     1.0     1.9
BIG BEAR   281    1    16 JUN 75  500    2   167.2083    7.5   728.1   76.34740  -148.59550     0.1     0.0
BIG BEAR   283    1    16 JUN 75 1700    2   167.7083    7.5   727.1   76.34560  -148.61430     0.1     0.0
BIG BEAR   285    1    17 JUN 75  500    2   168.2083    8.4   726.4   76.37120  -148.70509     0.3     0.3
BIG BEAR   287    1    17 JUN 75 1700    2   168.7083   11.2   729.4   76.40550  -148.86060     0.1     0.0
BIG BEAR   289    1    18 JUN 75  500    2   169.2083    5.5   728.5   76.41240  -149.02620     0.6     1.1
BIG BEAR   291    1    18 JUN 75 1700    2   169.7083   10.9   727.3   76.37880  -149.16960     0.6     1.0
BIG BEAR   293    1    19 JUN 75  500    2   170.2083    5.0   499.9   76.33800  -149.22720     0.5     0.7
BIG BEAR   295    2    19 JUN 75 1700    2   170.7083    4.4   728.3   76.33110  -149.28169     0.7     1.2
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CAMP	STAT	MODE	DY	MON	YR	TIME	CODE	AJXDAY	D.MIN	D.MAX	LATITUDE	LONGITUDE	LAT.ERR	LNG.ERR
BIG BEAR	297	1	20	JUN	75	500	2	171.2083	9.6	728.5	76.33560	-149.36481	0.3	0.4
BIG BEAR	299	1	20	JUN	75	1700	2	171.7083	9.8	728.7	76.33570	-149.41460	0.2	0.3
BIG BEAR	301	2	21	JUN	75	500	2	172.2083	4.9	728.5	76.33900	-149.43570	0.4	0.7
BIG BEAR	303	1	21	JUN	75	1700	2	172.7083	5.3	2938.0	76.35800	-149.45830	0.2	0.3
BIG BEAR	305	1	22	JUN	75	500	2	173.2083	4.4	728.1	76.40370	-149.52260	0.0	0.0
BIG BEAR	307	2	22	JUN	75	1700	2	173.7083	5.7	728.5	76.42210	-149.46210	1.0	1.9
BIG BEAR	309	1	23	JUN	75	500	2	174.2083	5.4	727.7	76.43470	-149.46820	0.5	0.8
BIG BEAR	311	1	23	JUN	75	1700	2	174.7083	5.2	728.7	76.44910	-149.61620	1.1	2.2
BIG BEAR	331	1	24	JUN	75	500	2	175.2083	4.8	728.2	76.45100	-149.70160	0.8	1.4
BIG BEAR	333	1	24	JUN	75	1700	2	175.7083	5.0	728.1	76.44430	-149.71460	0.9	1.8
BIG BEAR	335	1	25	JUN	75	500	2	176.2083	3.4	731.3	76.42610	-149.69220	0.2	0.3
BIG BEAR	337	1	25	JUN	75	1700	2	176.7083	3.9	727.3	76.41280	-149.56270	0.1	0.0
BIG BEAR	339	1	26	JUN	75	500	2	177.2083	5.8	717.6	76.40650	-149.40630	0.2	0.3
BIG BEAR	341	1	26	JUN	75	1925	2	177.8090	3.8	726.8	76.41630	-149.36150	0.3	0.4
BIG BEAR	342	1	28	JUN	75	500	2	179.2083	8.4	725.2	76.46220	-149.31700	8.3	23.5
BIG BEAR	344	1	28	JUN	75	1700	2	179.7083	8.4	727.6	76.46970	-149.16940	0.3	0.5
BIG BEAR	347	1	29	JUN	75	1700	2	180.7083	7.0	759.3	76.43830	-148.82460	42.0	86.2
BIG BEAR	349	1	30	JUN	75	500	2	181.2083	3.9	758.4	76.47400	-148.72501	1.0	1.9
BIG BEAR	351	1	30	JUN	75	1700	2	181.7083	3.9	759.0	76.52980	-148.74930	0.8	1.5
BIG BEAR	353	1	1	JUL	75	500	2	182.2083	7.0	757.9	76.55700	-148.64400	2.3	3.7
BIG BEAR	355	1	1	JUL	75	1700	2	182.7083	9.4	759.2	76.54520	-148.50650	0.0	0.0
BIG BEAR	357	1	2	JUL	75	500	2	183.2083	6.9	758.6	76.53930	-148.41080	2.1	3.4
BIG BEAR	359	1	2	JUL	75	1700	2	183.7083	9.7	757.5	76.53750	-148.40990	1.6	2.7
BIG BEAR	361	1	3	JUL	75	500	2	184.2083	4.6	757.4	76.53730	-148.20680	0.0	0.0
BIG BEAR	362	1	4	JUL	75	500	2	185.2083	3.2	728.4	76.56390	-147.73470	0.9	1.6
BIG BEAR	364	1	4	JUL	75	1700	2	185.7083	3.6	727.9	76.52450	-147.61790	0.5	1.1
BIG BEAR	365	1	5	JUL	75	1700	2	186.7083	10.0	2934.3	76.45230	-147.26891	1.6	2.7
BIG BEAR	367	1	6	JUL	75	1700	2	187.7083	4.4	726.2	76.36980	-146.79700	0.0	0.0
BIG BEAR	370	1	10	JUL	75	500	2	191.2083	7.6	725.7	76.38500	-145.62601	0.8	1.5
BIG BEAR	372	1	10	JUL	75	1700	2	191.7083	6.8	725.6	76.34030	-145.35100	1.3	2.2
BIG BEAR	374	1	11	JUL	75	500	2	192.2083	3.6	727.6	76.31560	-145.23210	1.0	1.8
BIG BEAR	376	1	11	JUL	75	1700	2	192.7083	5.2	726.9	76.30570	-145.14870	0.8	1.5
BIG BEAR	378	1	12	JUL	75	500	2	193.2083	5.2	724.7	76.30990	-145.10710	1.2	2.1
BIG BEAR	380	1	12	JUL	75	1700	2	193.7083	3.6	2937.5	76.32260	-145.10840	0.2	0.4
BIG BEAR	382	2	13	JUL	75	500	2	194.2083	4.3	725.1	76.33730	-145.16060	2.3	3.6
BIG BEAR	384	2	13	JUL	75	1700	2	194.7083	7.4	729.3	76.34930	-145.19679	0.8	1.4
BIG BEAR	386	2	14	JUL	75	452	2	195.2028	5.7	724.8	76.35480	-145.18460	1.8	3.0
BIG BEAR	389	1	20	JUL	75	503	2	201.2104	4.6	749.0	75.99680	-144.98770	2.4	3.9
BIG BEAR	391	1	20	JUL	75	1657	2	201.7063	4.6	748.8	75.95990	-144.93060	0.1	0.2
BIG BEAR	393	1	21	JUL	75	500	2	202.2083	3.8	748.5	75.88490	-144.90460	0.0	0.0
BIG BEAR	395	1	21	JUL	75	1712	2	202.7167	6.2	748.4	75.82840	-144.97369	0.0	0.0
BIG BEAR	397	1	22	JUL	75	443	2	203.1965	4.6	444.0	75.78310	-145.01010	2.1	3.4
BIG BEAR	399	1	23	JUL	75	447	2	204.1993	3.8	747.9	75.72050	-145.09700	0.0	0.0
BIG BEAR	401	1	23	JUL	75	1705	2	204.7118	6.2	764.2	75.70570	-145.13789	0.0	0.0
BIG BEAR	403	1	24	JUL	75	458	2	205.2069	4.6	749.0	75.69380	-145.15230	2.3	3.7
BIG BEAR	405	1	24	JUL	75	1705	2	205.7118	7.0	748.7	75.69400	-145.18210	1.9	3.2
BIG BEAR	407	1	25	JUL	75	516	2	206.2195	3.8	748.8	75.69220	-145.27670	0.0	0.0
BIG BEAR	409	1	25	JUL	75	1700	2	206.7083	4.6	464.1	75.68880	-145.40221	2.4	3.9
BIG BEAR	411	1	26	JUL	75	440	2	207.1944	4.6	618.8	75.66620	-145.47470	1.8	2.9
BIG BEAR	413	1	26	JUL	75	1708	2	207.7139	4.6	698.1	75.62930	-145.47301	1.6	2.7
BIG BEAR	415	1	27	JUL	75	417	2	208.1785	4.6	749.9	75.59470	-145.40421	0.9	1.4
BIG BEAR	421	1	30	JUL	75	430	2	211.1875	29.6	746.2	75.37520	-144.69591	1.4	2.4
BIG BEAR	423	1	30	JUL	75	1846	2	211.7820	26.7	749.4	75.30380	-144.50639	0.6	1.2
BIG BEAR	425	1	31	JUL	75	513	2	212.2174	26.6	711.8	75.25590	-144.35831	19.7	40.0
BIG BEAR	427	1	1	AUG	75	400	2	213.1667	30.4	745.5	75.17820	-143.99500	0.1	0.2
BIG BEAR	429	1	1	AUG	75	1700	2	213.7083	27.0	747.5	75.13350	-143.83040	2.1	3.4
BIG BEAR	431	1	2	AUG	75	435	2	214.1910	28.2	593.2	75.09610	-143.74040	114.3	140.6
BIG BEAR	433	1	2	AUG	75	1645	2	214.6979	29.8	592.4	75.07260	-143.65919	0.2	0.4
BIG BEAR	434	1	3	AUG	75	1710	2	215.7153	36.4	591.9	75.03520	-143.48190	0.1	0.1
BIG BEAR	436	1	4	AUG	75	353	2	216.1618	12.5	594.2	75.01900	-143.36650	0.3	0.7
BIG BEAR	438	1	4	AUG	75	1700	2	216.7083	22.2	593.0	75.02600	-143.24670	0.6	1.2
BIG BEAR	440	2	5	AUG	75	500	2	217.2083	25.1	612.3	75.05890	-142.97360	2.4	3.8
BIG BEAR	442	1	5	AUG	75	1653	2	217.7035	24.5	595.9	75.06900	-142.79550	0.8	1.4
BIG BEAR	444	1	6	AUG	75	400	2	218.1667	32.3	592.7	75.03250	-142.74980	0.8	1.5
BIG BEAR	446	1	6	AUG	75	1700	2	218.7083	28.1	593.6	75.01290	-142.70010	0.1	0.2
BIG BEAR	448	2	7	AUG	75	450	2	219.2014	22.3	592.4	74.99670	-142.63870	2.0	3.3
BIG BEAR	450	1	7	AUG	75	1720	2	219.7222	18.6	593.3	74.98440	-142.60390	407.0	387.4
BIG BEAR	451	2	8	AUG	75	353	2	220.1618	20.9	593.3	74.97600	-142.55530	70.9	83.2
BIG BEAR	453	2	8	AUG	75	1657	2	220.7063	28.1	592.8	74.98040	-142.43449	1.1	1.9
BIG BEAR	457	1	9	AUG	75	1717	2	221.7201	6.9	591.7	74.92720	-141.79750	0.9	1.6

CAMP	STAT	MODE	DY	MON	YR	TIME	CODE	AJXDAY	D.MIN	D.MAX	LATITUDE	LONGITUDE	LAT.ERR	LNG.ERR
BIG BEAR	459	1	10	AUG	75	442	2	222.1958	3.1	588.2	74.88190	-141.60280	0.0	0.3
BIG BEAR	461	1	11	AUG	75	1715	2	223.7188	5.0	590.9	74.73340	-141.28920	2.2	3.5
BIG BEAR	463	1	12	AUG	75	445	2	224.1979	3.7	590.0	74.69800	-141.13811	1.9	3.1
BIG BEAR	465	1	12	AUG	75	1700	2	224.7083	3.1	593.1	74.67590	-140.96049	0.0	0.1
BIG BEAR	467	1	13	AUG	75	400	2	225.1667	3.1	592.7	74.67750	-140.84210	0.1	0.4
BIG BEAR	469	1	14	AUG	75	410	2	226.1736	7.5	592.9	74.72470	-140.48120	305.0	397.2
BIG BEAR	471	1	14	AUG	75	1710	2	226.7153	6.9	592.0	74.68990	-140.27721	0.1	0.0
BIG BEAR	473	1	15	AUG	75	450	2	227.2014	5.0	591.4	74.68900	-140.21899	15.4	31.3
BIG BEAR	475	1	15	AUG	75	1709	2	227.7146	3.7	591.4	74.71620	-140.24609	1.9	3.1
BIG BEAR	477	1	16	AUG	75	1700	2	228.7083	3.1	593.0	74.73340	-140.22250	1.5	2.6
BIG BEAR	479	1	17	AUG	75	510	2	229.2153	3.7	590.2	74.69460	-140.27670	0.1	0.2
BIG BEAR	481	1	17	AUG	75	1715	2	229.7188	3.7	593.2	74.66800	-140.40240	0.0	0.0
BIG BEAR	483	1	18	AUG	75	440	2	230.1944	3.7	591.1	74.66020	-140.48531	0.0	0.0
BIG BEAR	485	1	18	AUG	75	1653	2	230.7035	6.9	593.4	74.65270	-140.53979	10.0	12.5
BIG BEAR	487	1	19	AUG	75	530	2	231.2292	5.6	592.6	74.64740	-140.68919	108.8	133.2
BIG BEAR	489	1	19	AUG	75	1700	2	231.7083	3.7	592.7	74.64710	-140.79750	2.1	3.4
BIG BEAR	491	1	20	AUG	75	500	2	232.2083	5.0	591.0	74.66460	-141.01849	0.7	1.4
BIG BEAR	493	1	20	AUG	75	1715	2	232.7188	3.7	591.2	74.66990	-141.23630	0.0	0.0
BIG BEAR	495	2	21	AUG	75	445	2	233.1979	6.1	591.1	74.67390	-141.38170	2.4	3.8
BIG BEAR	497	1	21	AUG	75	1645	2	233.6979	3.1	592.6	74.67270	-141.43990	2.1	3.5
BIG BEAR	499	2	22	AUG	75	415	2	234.1771	3.1	592.6	74.65000	-141.43140	2.2	3.6
BIG BEAR	501	1	22	AUG	75	1700	2	234.7083	3.7	594.3	74.62300	-141.37140	0.2	0.6
BIG BEAR	503	1	23	AUG	75	445	2	235.1979	3.7	592.1	74.58820	-141.28310	2.1	3.4
BIG BEAR	505	2	23	AUG	75	1700	2	235.7083	5.0	593.9	74.54630	-141.22070	2.2	3.5
BIG BEAR	507	1	24	AUG	75	445	2	236.1979	3.7	597.1	74.52810	-141.19341	7.0	13.9
BIG BEAR	509	2	24	AUG	75	1700	2	236.7083	3.9	612.7	74.52240	-141.15370	3.8	5.8
BIG BEAR	511	1	25	AUG	75	1712	2	237.7167	7.5	590.9	74.51180	-140.81149	0.0	0.0
BIG BEAR	513	1	26	AUG	75	445	2	238.1979	5.0	593.1	74.51790	-140.73070	1.9	3.1
BIG BEAR	515	1	26	AUG	75	1700	2	238.7083	6.9	591.0	74.55660	-140.72240	0.0	0.0
BIG BEAR	517	1	27	AUG	75	415	2	239.1771	3.7	591.6	74.57070	-140.57111	1.9	3.1
BIG BEAR	519	1	27	AUG	75	1725	2	239.7257	25.2	591.1	74.49790	-140.32719	2.1	3.4
BIG BEAR	521	1	28	AUG	75	445	2	240.1979	30.4	591.8	74.42380	-140.10001	2.3	3.7
BIG BEAR	525	1	29	AUG	75	405	2	241.1701	34.7	585.5	74.37420	-139.70959	0.2	0.2
BIG BEAR	527	1	29	AUG	75	1710	2	241.7153	30.4	592.1	74.32070	-139.54939	2.1	3.5
BIG BEAR	529	1	31	AUG	75	510	2	243.2153	35.1	591.7	74.19690	-139.43170	2.0	3.3
BIG BEAR	530	2	1	SEP	75	345	2	244.1563	7.7	595.9	74.14150	-139.31799	17.0	34.7
BIG BEAR	531	1	21	SEP	75	624	22	264.2667	4.7	494.7	73.87880	-137.45280	2.0	3.3
BIG BEAR	535	1	22	SEP	75	454	22	265.2042	8.6	731.0	73.82390	-136.86909	0.7	1.4
BIG BEAR	537	1	22	SEP	75	1806	22	265.7542	7.0	729.9	73.80560	-136.79649	1.3	2.2
BIG BEAR	539	1	23	SEP	75	356	22	266.1639	10.0	724.7	73.79450	-136.87550	20.4	41.7
BIG BEAR	541	1	23	SEP	75	1801	22	266.7507	4.7	730.0	73.76620	-137.06310	1.4	2.4
BIG BEAR	543	1	24	SEP	75	355	22	267.1632	4.7	730.3	73.74110	-137.01170	2.4	3.8
BIG BEAR	545	1	24	SEP	75	1835	22	267.7743	6.2	732.3	73.69050	-136.79640	2.4	3.8
BIG BEAR	547	1	25	SEP	75	440	22	268.1945	4.7	729.7	73.64480	-136.60580	2.4	3.8
BIG BEAR	549	1	25	SEP	75	1700	22	268.7083	4.8	731.6	73.59660	-136.60049	1.8	3.0
BIG BEAR	551	1	28	SEP	75	300	2	271.1250	3.9	729.0	73.50570	-136.49170	588.2	652.7
BIG BEAR	553	1	28	SEP	75	1805	2	271.7535	4.7	731.9	73.48040	-136.40080	0.9	1.6
BIG BEAR	555	1	29	SEP	75	355	2	272.1632	3.9	725.5	73.47500	-136.40800	2.2	3.6
BIG BEAR	557	1	29	SEP	75	1715	2	272.7188	4.7	2945.9	73.47400	-136.40900	0.9	1.6
BIG BEAR	559	1	30	SEP	75	245	2	273.1146	3.6	732.3	73.47940	-136.39140	520.3	506.3
BIG BEAR	561	1	30	SEP	75	1648	2	273.7000	7.9	727.3	73.50500	-136.56180	2.4	3.9
BIG BEAR	562	1	1	OCT	75	338	2	274.1514	7.0	728.6	73.51840	-136.71460	1.0	2.0

OUTPUT FORMAT OF FINAL DATA

This report consists entirely of salinity and temperature data taken at the AIDJEX manned camp Big Bear. A Plessey 9040 STD, which provided a majority of the data, was later replaced by a CTD of the same manufacturer. Casts were normally taken to a depth of 750 meters with some extending to 3000 meters.

Station information is provided in three different formats consisting of 1) numerical listings, 2) profiles of temperature, salinity and sigma-t (T-S-σ_t) with depth, and 3) monthly time series of nested temperature and salinity profiles. In general, two profiles of T-S-σ_t are graphically shown on one page of the data report. On the facing page, the corresponding numerical listings of the stations are shown.

The numerical data consists of other parameters relative to the station and in some cases are abbreviated to save space. A list of the abbreviated terms and their meanings can be found in Table 5. The main body of the numerical listing consists of values of temperature, potential temperature, salinity, sigma-t (σ_t), specific volume anomaly, dynamic height and sound velocity against various interpolated levels of depth. Since upper surface layer data are omitted from the data set at all camps (the sensor being in the hydrohole), surface readings of temperature and salinity are duplicated from the first data seen in the cast. The first and last data of the station are shown as one of the first values below the depth of 0.0 meters and the last values of the listing respectively.

Some station listings will show nothing for dynamic height. This implies that either the segment of missing data in the profile was too large to interpolate over, or only temperature or salilnity data was available and it was impossible to calculate some parameters.

Average values of the bottle data at a particular depth level are also listed at the bottom of the data listing.

Corresponding profiles of temperature, salinity and sigma-t for the station listing are shown on the facing page.

The label at the end of each trace (T-S-σ_t) indicates the parameter of temperature, salinity and sigma-t respectively. Scales at the upper part of the diagram are labeled to correspond to the parameters and are also shifted with respect to one another to provide the maximum amount of non-interference of traces. Depth is in meters. Station identification and date are in the lower left hand corner in the following format:

CP STN-MOD
MONTH - DAY - YEAR

where

CP is the camp identifier

CB = Caribou
BF = Blue Fox
SB = Snowbird
BB = Big Bear

STN is the station number

MOD is the mode

1 = downtrace
2 = uptrace

Salinity values obtained from the bottle data are plotted on the traces as a "X". Temperature values obtained from the reversing thermometers are indicated on the trace as a "+".

Where station depth exceeds 800 meters, the entire station listing as well as the profile will each take up one full page. The listing from 800 meters on down will occupy the second half of the listing page while the corresponding plot on the facing page will show the entire profile to a fixed limit of 3000 meters. Deep stations are designed in this output format so as not to be split up into two pages. As a result, there may be a few cases where only one shallow station is listed or plotted on one page.

A third type of output format is a series of temperature or salinity profiles to a maximum depth of 750 m nested in one month blocks. These are found in "Results - Section 1". Station numbers at the end of the trace are indicated. All other labeling is self-explanatory.

TABLE 5

Definitions and Meanings of Abbreviated Terms in the Station Listings

Big Bear	First main camp
Caribou	Satellite camp later to become main camp
Blue Fox	Satellite camp
Snowbird	Satellite camp
Station xxx (y)	Station number (xxx) and mode of trace (y) used where:
STD	Station taken with STD y = 1 indicates downtrace
CTD	Station taken with CTD y = 2 indicates uptrace
GMT	Times shown are Greenwich mean time
CODE = I	Processing Code where if I =

A) 1 → 5 profile contains both temperature and salinity data.

  1) data from magnetic tape
  2) data from manual digitization of analog charts
  3) subsequent filtering below 250 m in salinity only
  4) subsequent filtering below 250 m in temperature only
  5) subsequent filtering below 250 m in both temperature and salinity

B) 11 → 13, profile is in salinity only

  11) data from magnetic tape
  12) data from manual digitization of analog charts
  13) filtered below 250 meters

C) 21 → 23, profile in temperature only

  21) data from magnetic tape
  22) data from manual digitization of analog charts
  23) filtered below 250 meters

LAT	Latitude in decimal degrees N (North)
LONG	Longitude in decimal degrees, W (West)

TABLE 5 (cont'd.)

LTER	Estimate of positional error for latitude in meters
LGER	Estimate of positional error for longitude in meters
AIR TEMP	Air temperature in degrees C at 2 meters above surface of ice
BAROM	Barometric pressure in millibars, taken at surface
WIND	Wind direction in degrees true north, taken at 10 meters above surface of ice
SPEED	Wind speed in meters/sec., taken at 10 meters above surface of ice

LISTING PARAMETERS

DEPTH	Depth in meters
TEMP	Temperature in degrees C
PTEMP	Potential temperature in degree C
SALIN	Salinity in parts per thousand
SIG T	Sigma-t density where: density (ρ) = 1.0 + ((Sig T) *1000.0)
SPVOL	Specific volume anomaly (x $10^{-5}cm^3/gm$)
DYNHT	Dynamic height (dynamic meters)
SOUND	Sound velocity in meters/sec., calculated from Matthews equation

BOTTLE DATA LISTING

DEPTH	Depth in meters at which bottle was tripped
TEMP	Average temperature of reversing thermometers in degrees C
SAL	Determined salinity of water sample taken at depth indiciated, in ppt.

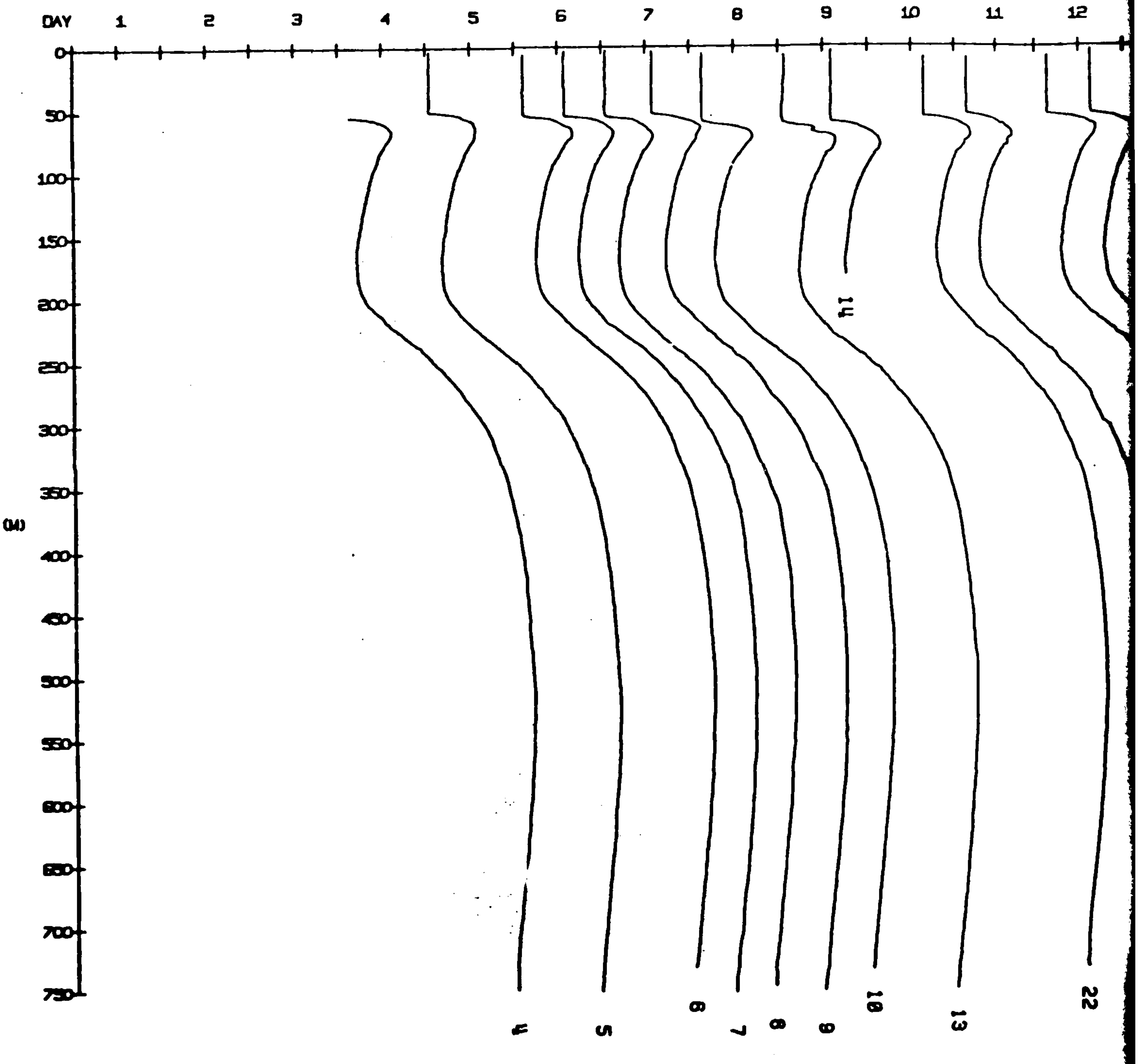
RESULTS

Section 1 (Nested Vertical Profiles)

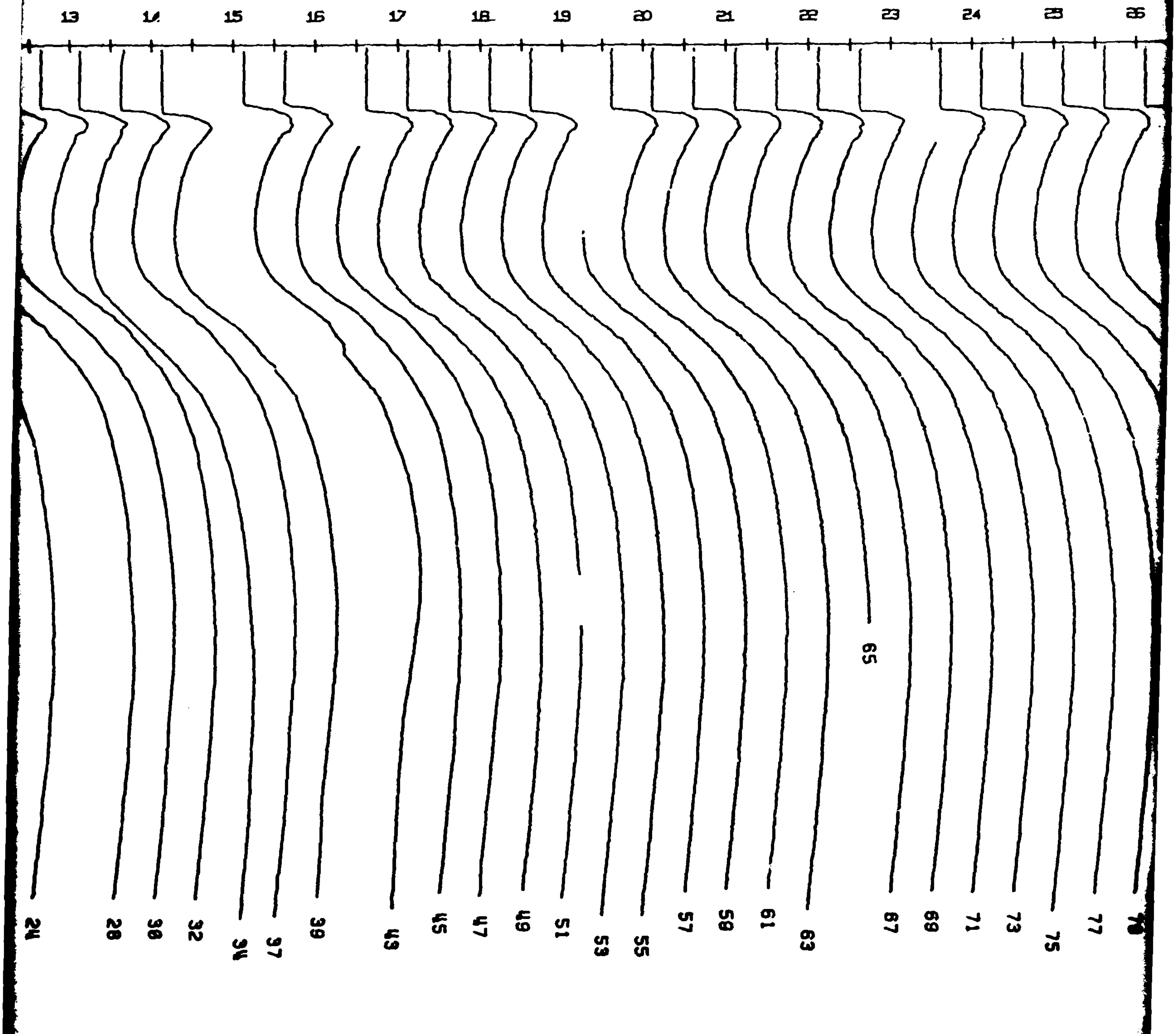
This section contains the plots of temperature and salinity to a depth of 750 meters nested into a monthly time series.

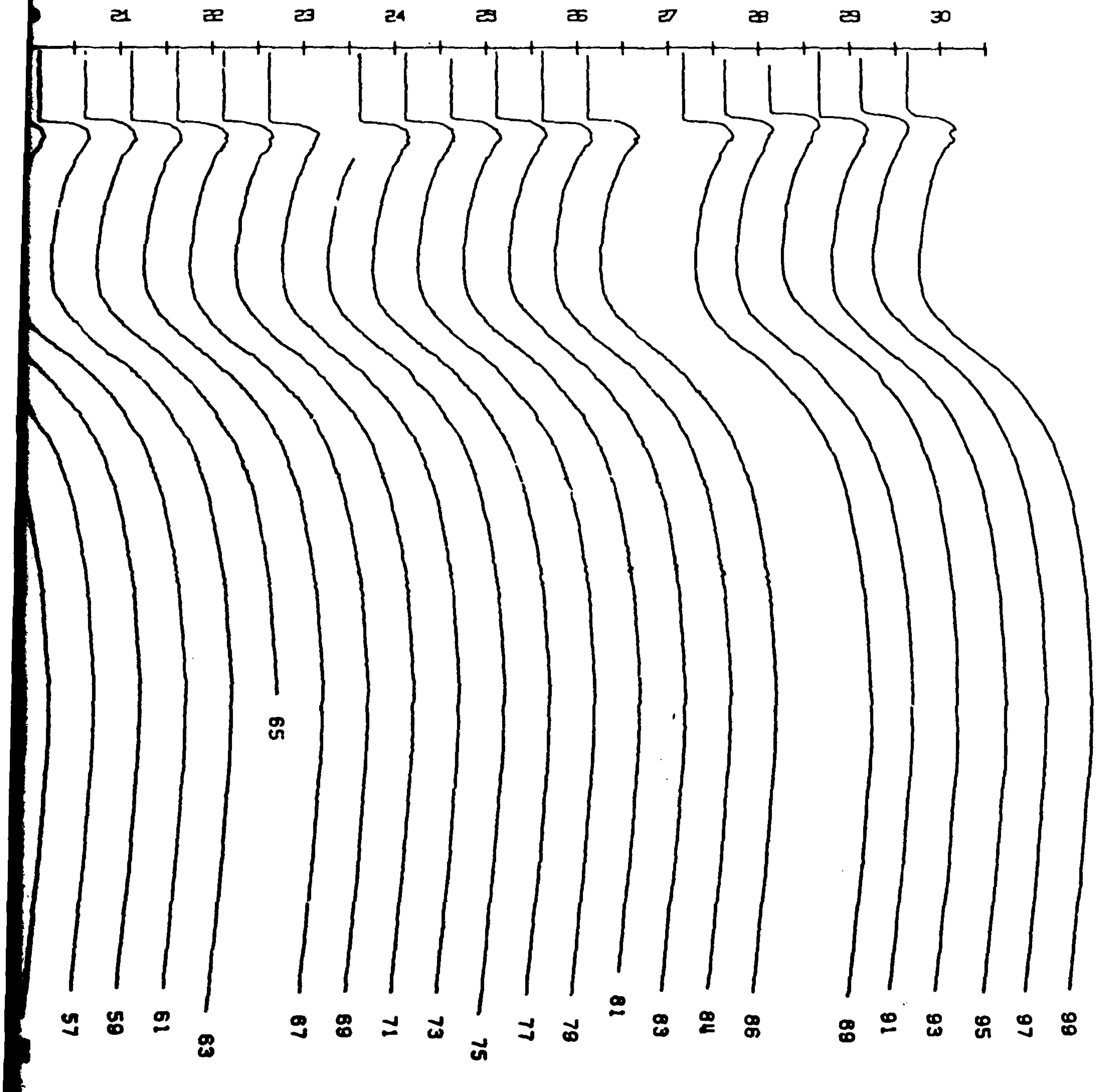
TEMP

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG.C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



ERATURE PROFILES AT CAMP BIG BEAR
APR 1, 1975 TO APR 30, 1975





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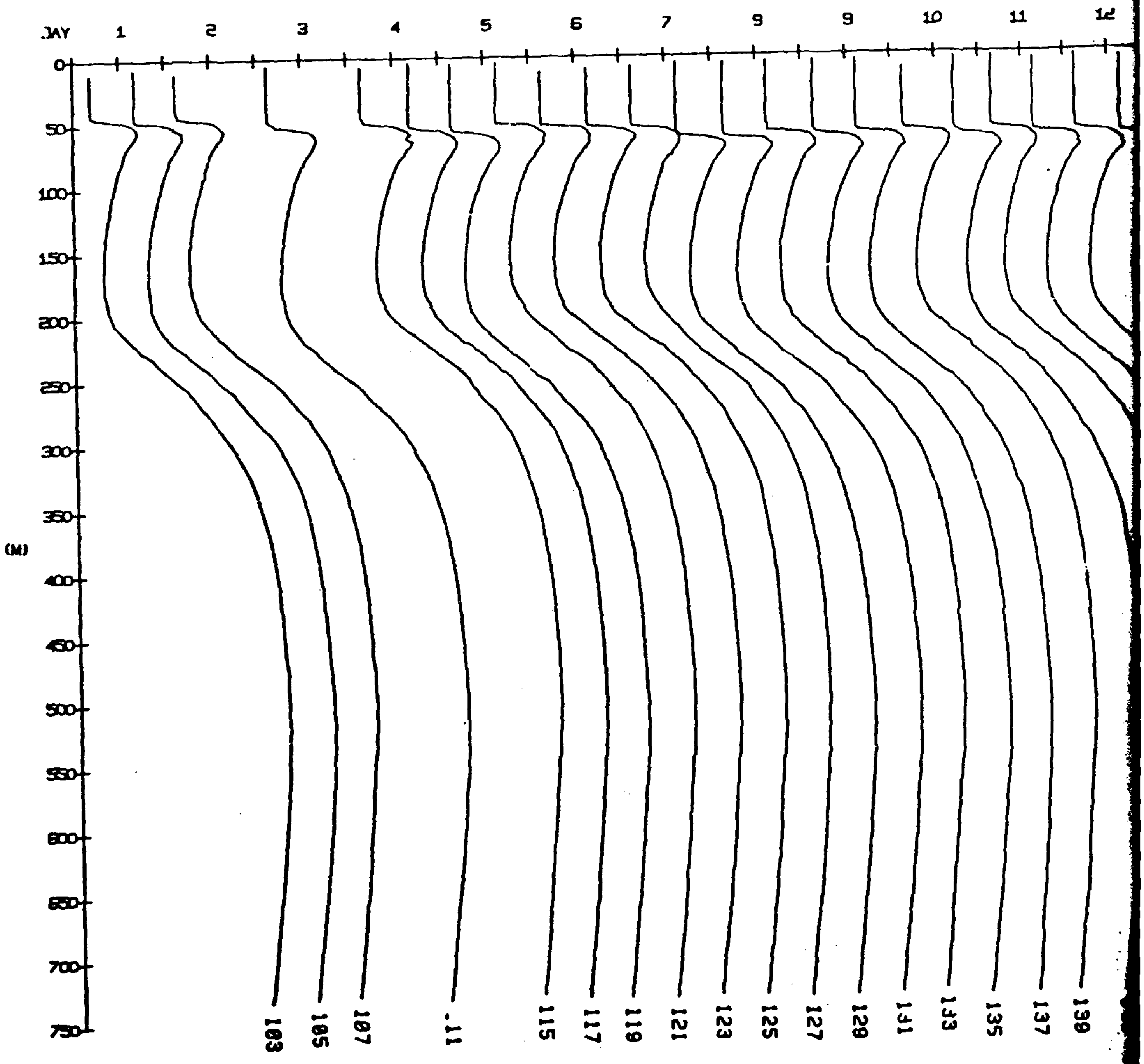
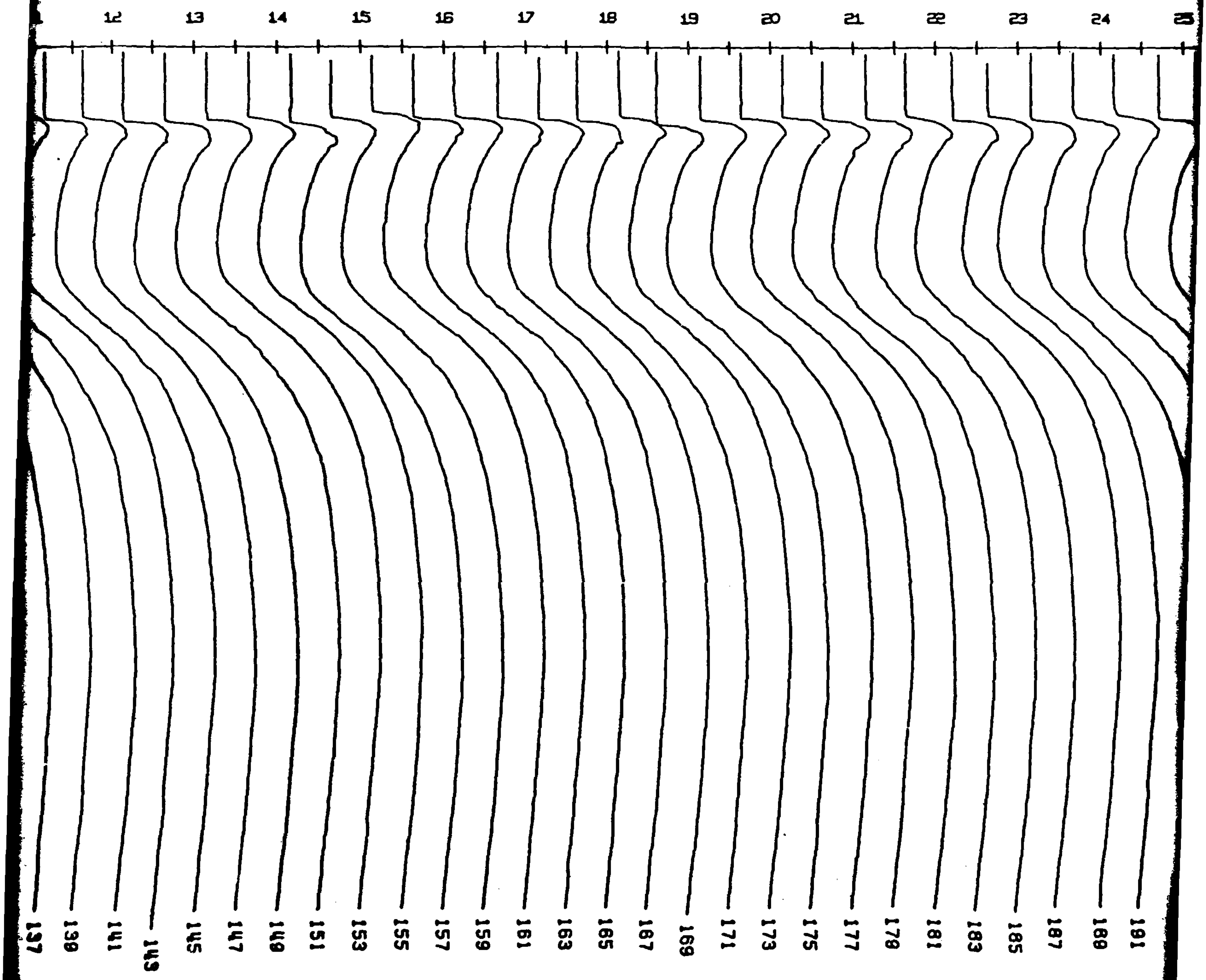
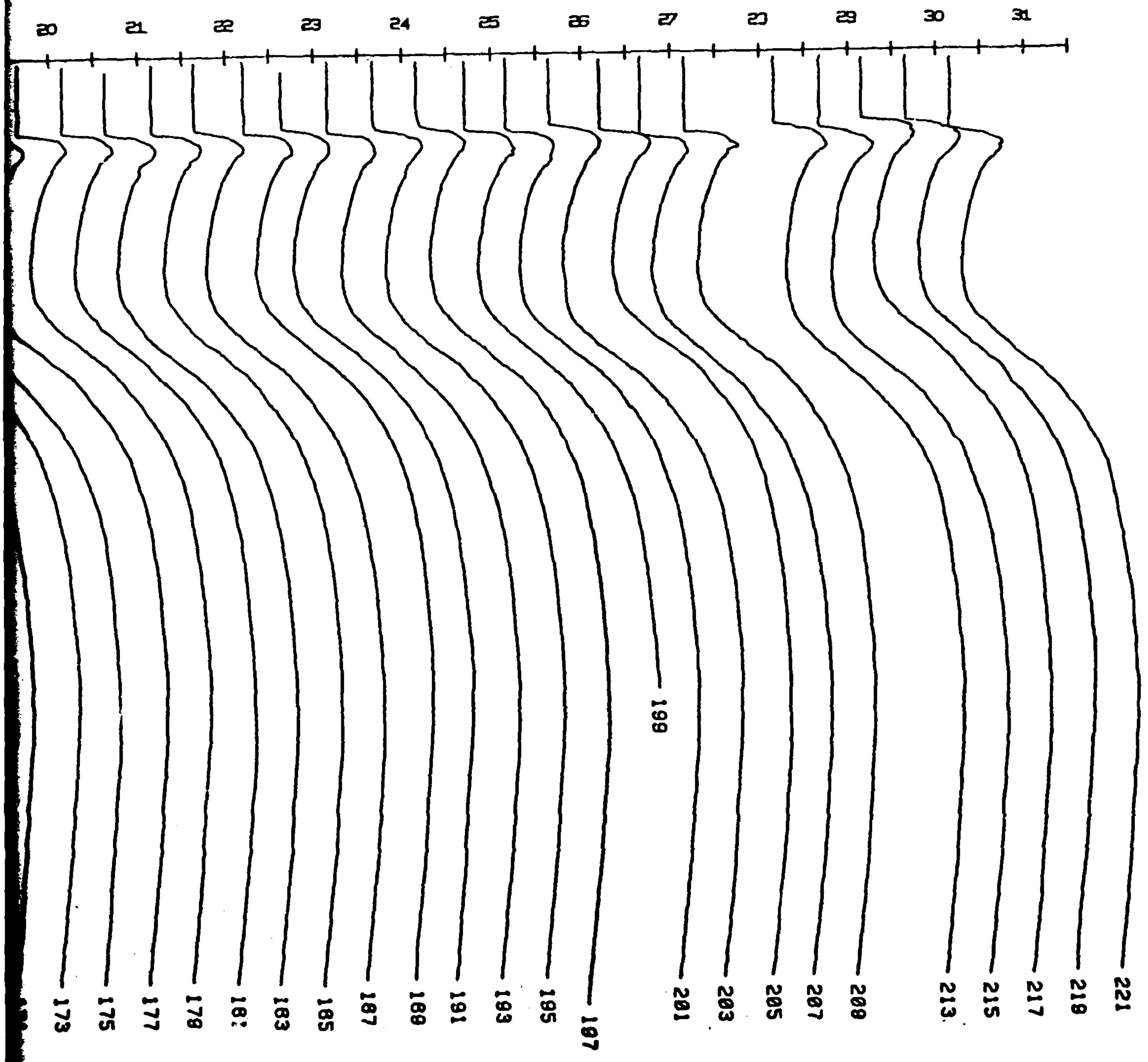


- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.9 DEG.C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY

TEMPERATURE PROFILES AT CAMP BIG BEAR
MAY 1, 1975 TO MAY 31, 1975

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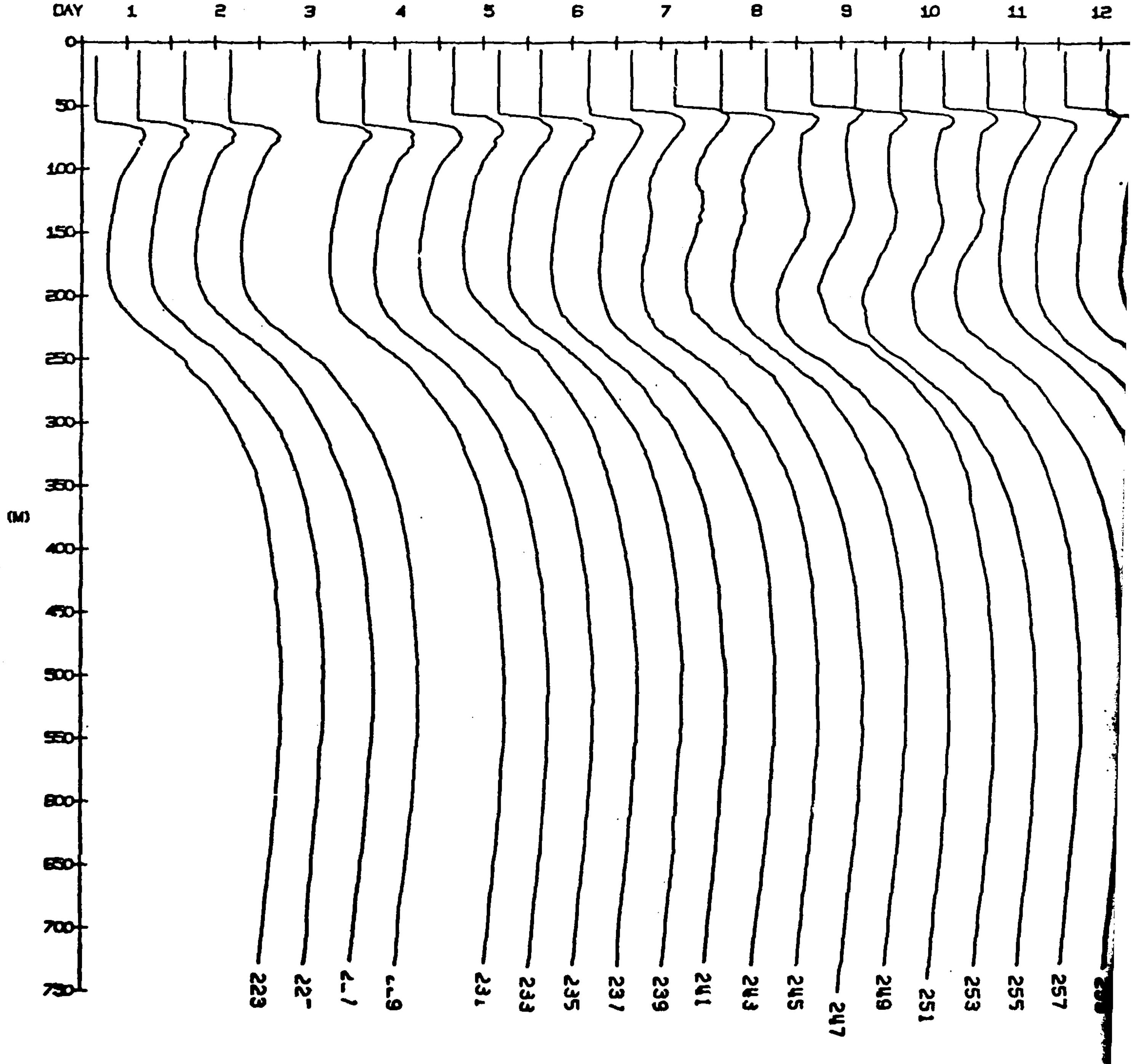
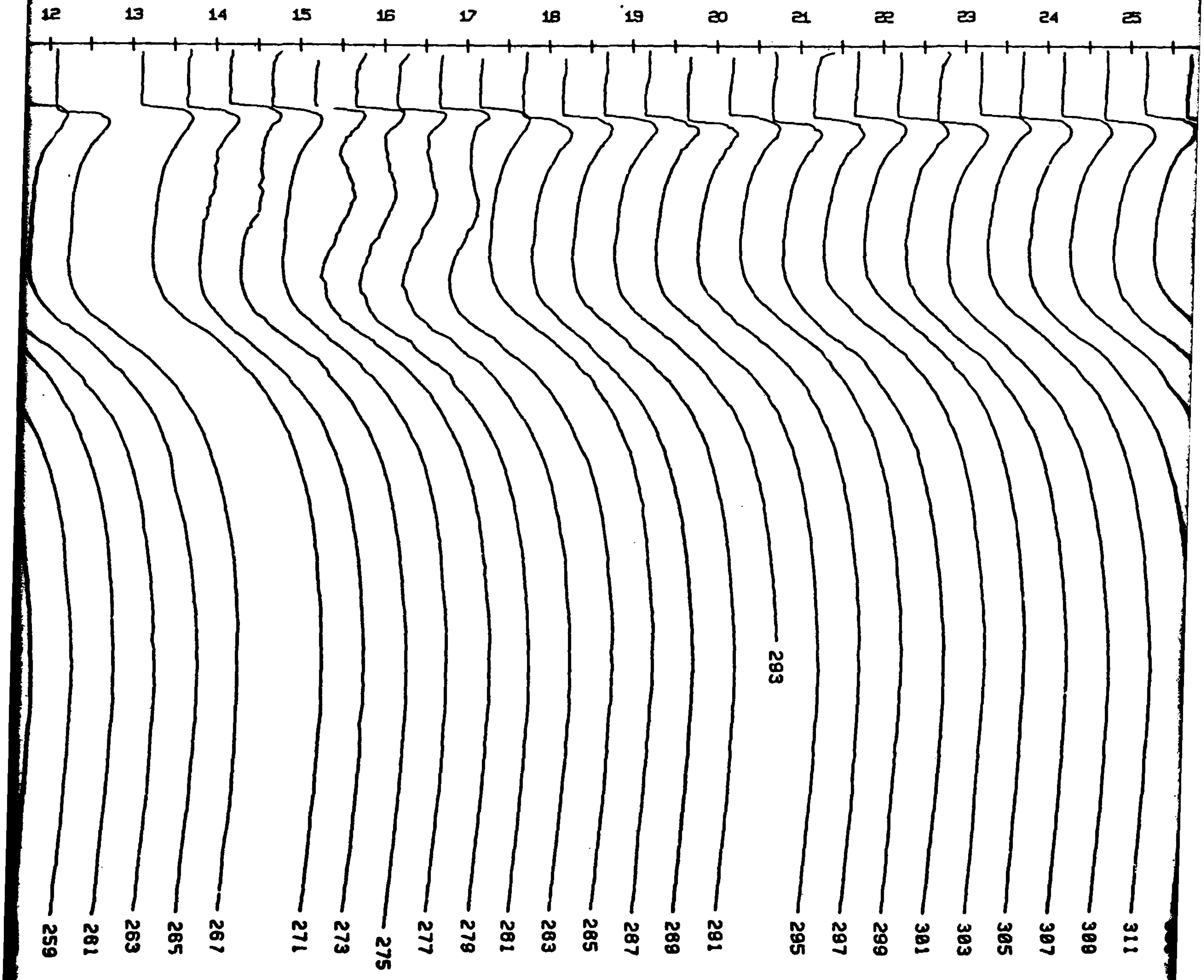
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG.C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



TEMPERATURE PROFILES AT CAMP BIG BEAR
JUN 1, 1975 TO JUN 30, 1975



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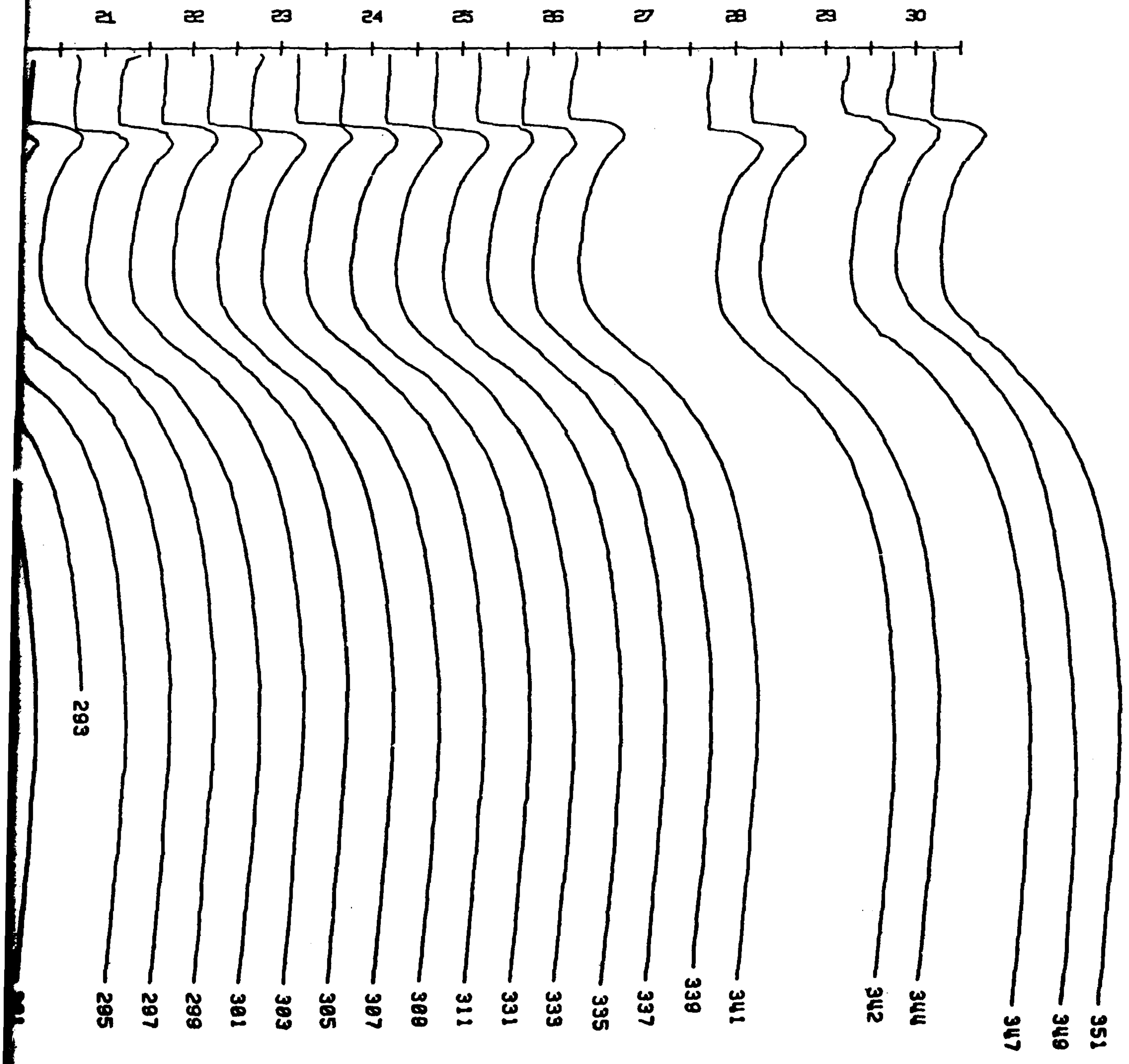
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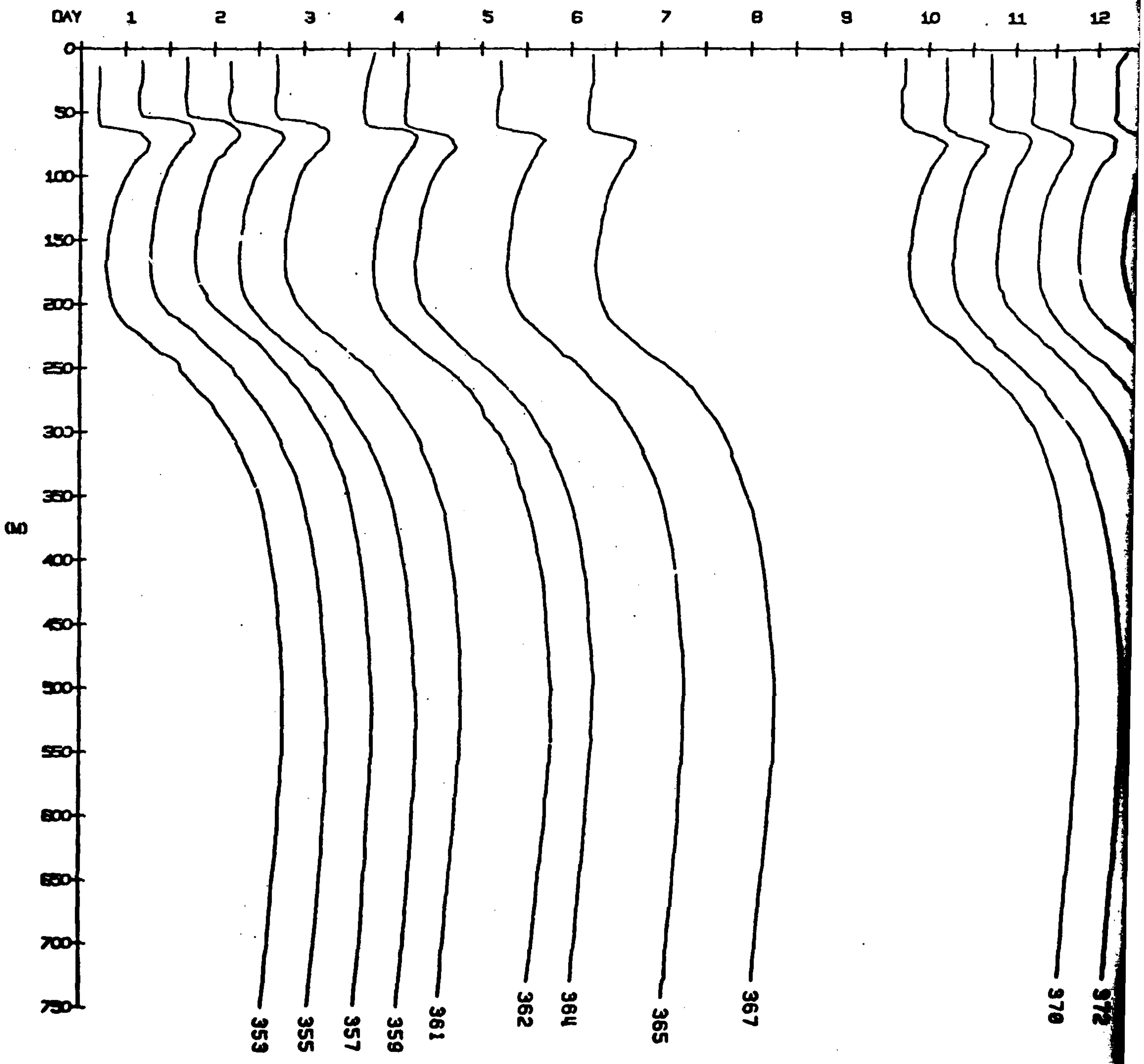
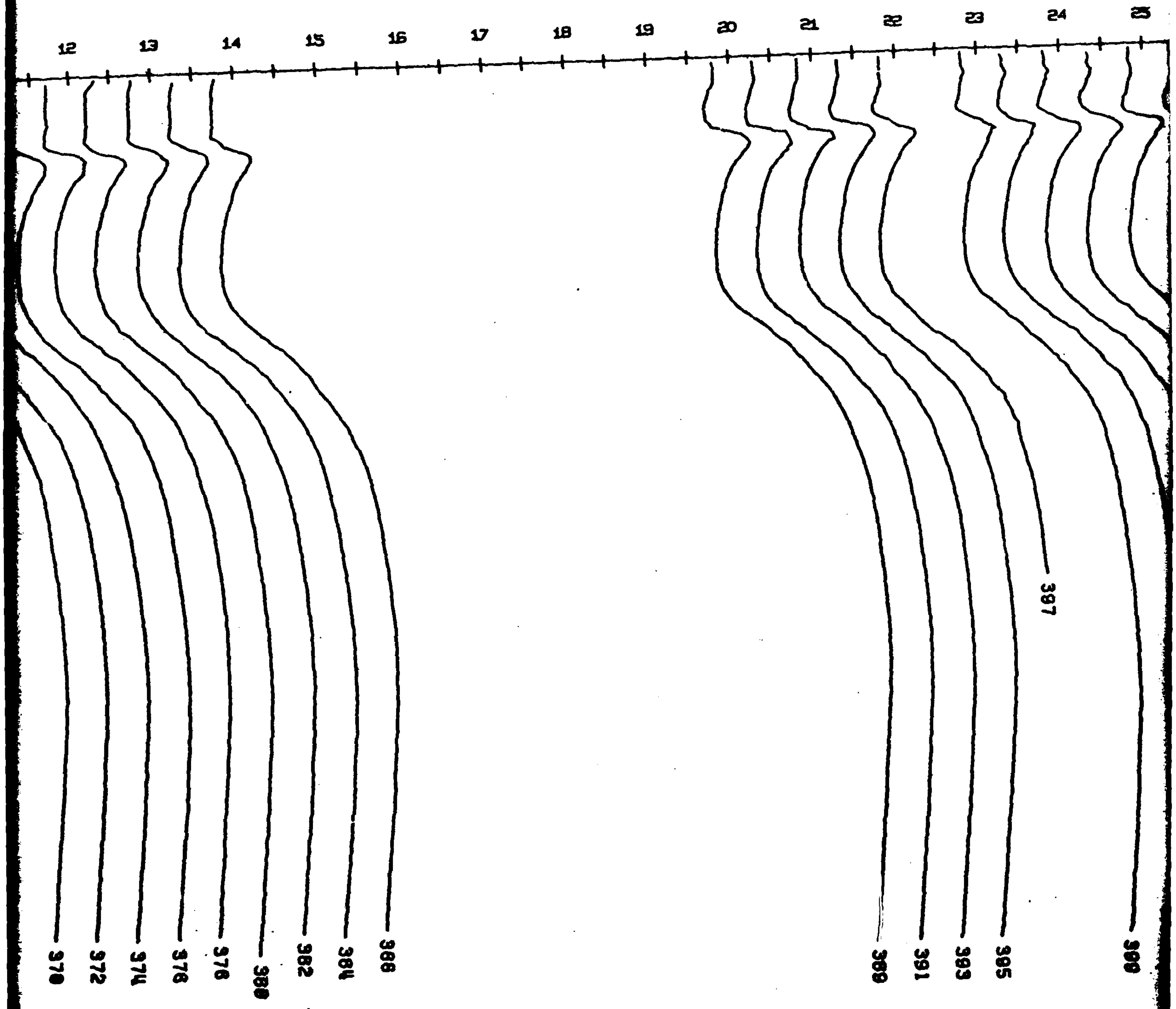
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG.C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



TEMPERATURE PROFILES AT CAMP BIG BEAR
JUL 1, 1975 TO JUL 31, 1975



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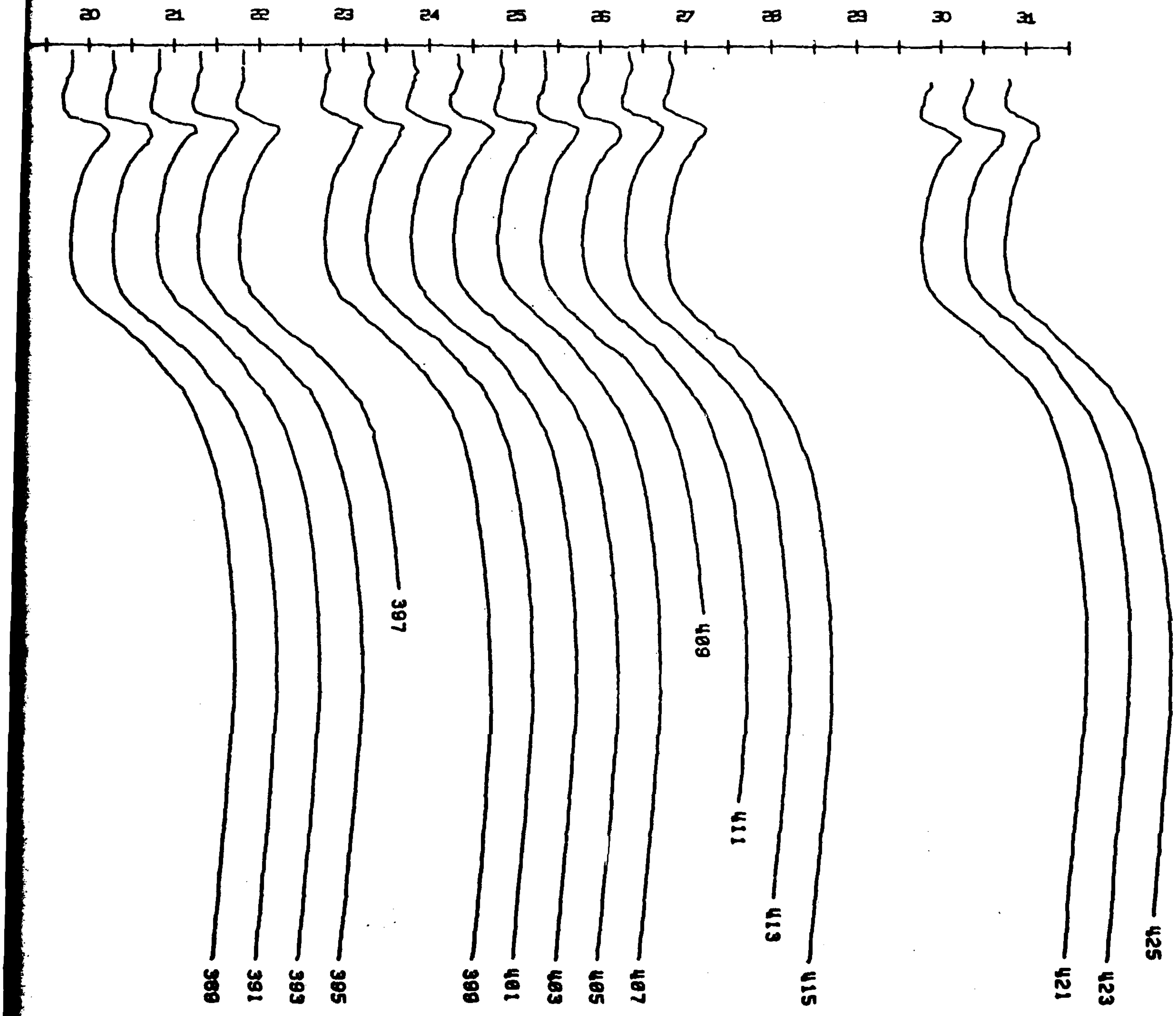

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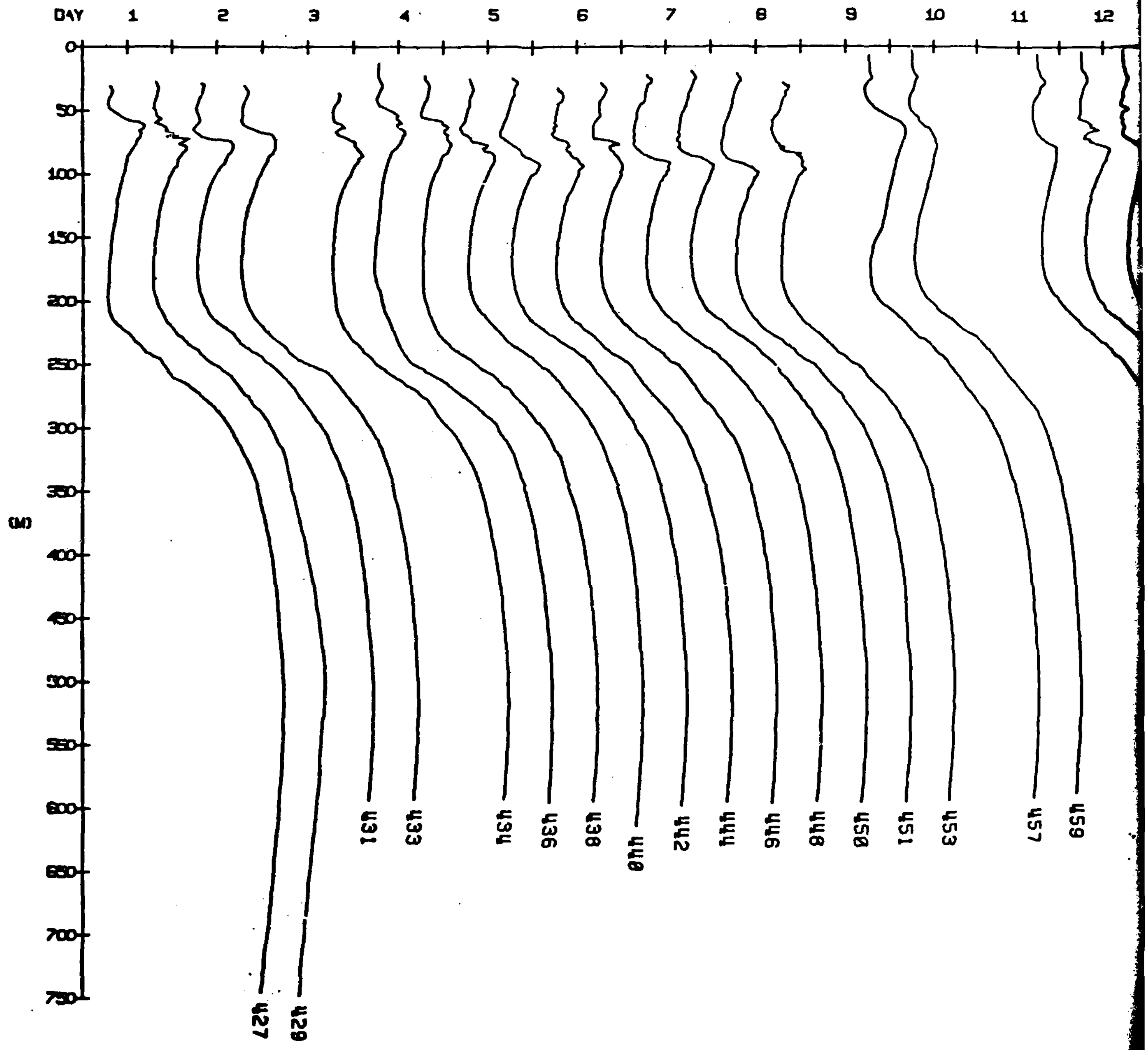
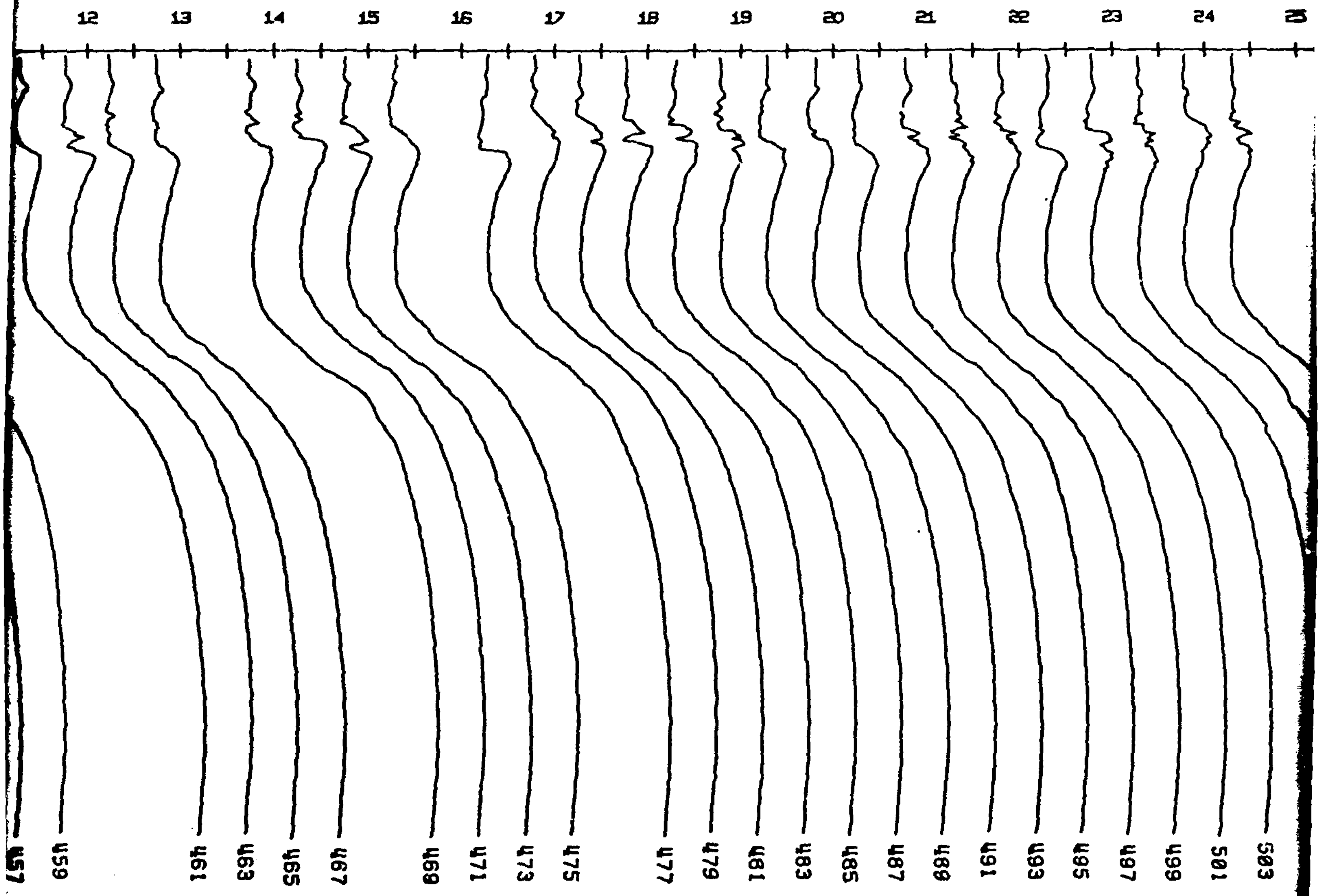
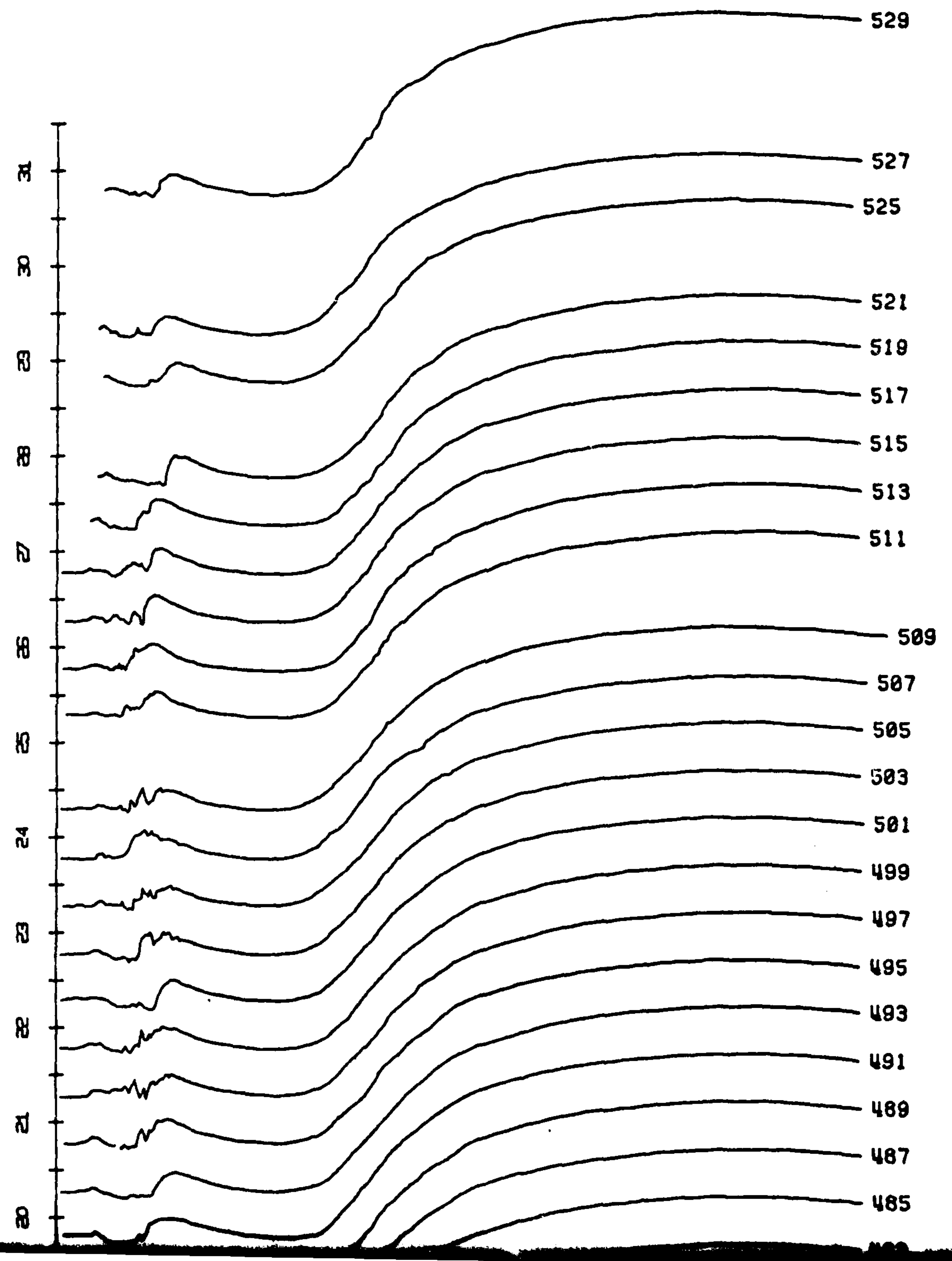
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG.C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



TEMPERATURE PROFILES AT CAMP BIG BEAR
AUG 1, 1975 TO AUG 31, 1975

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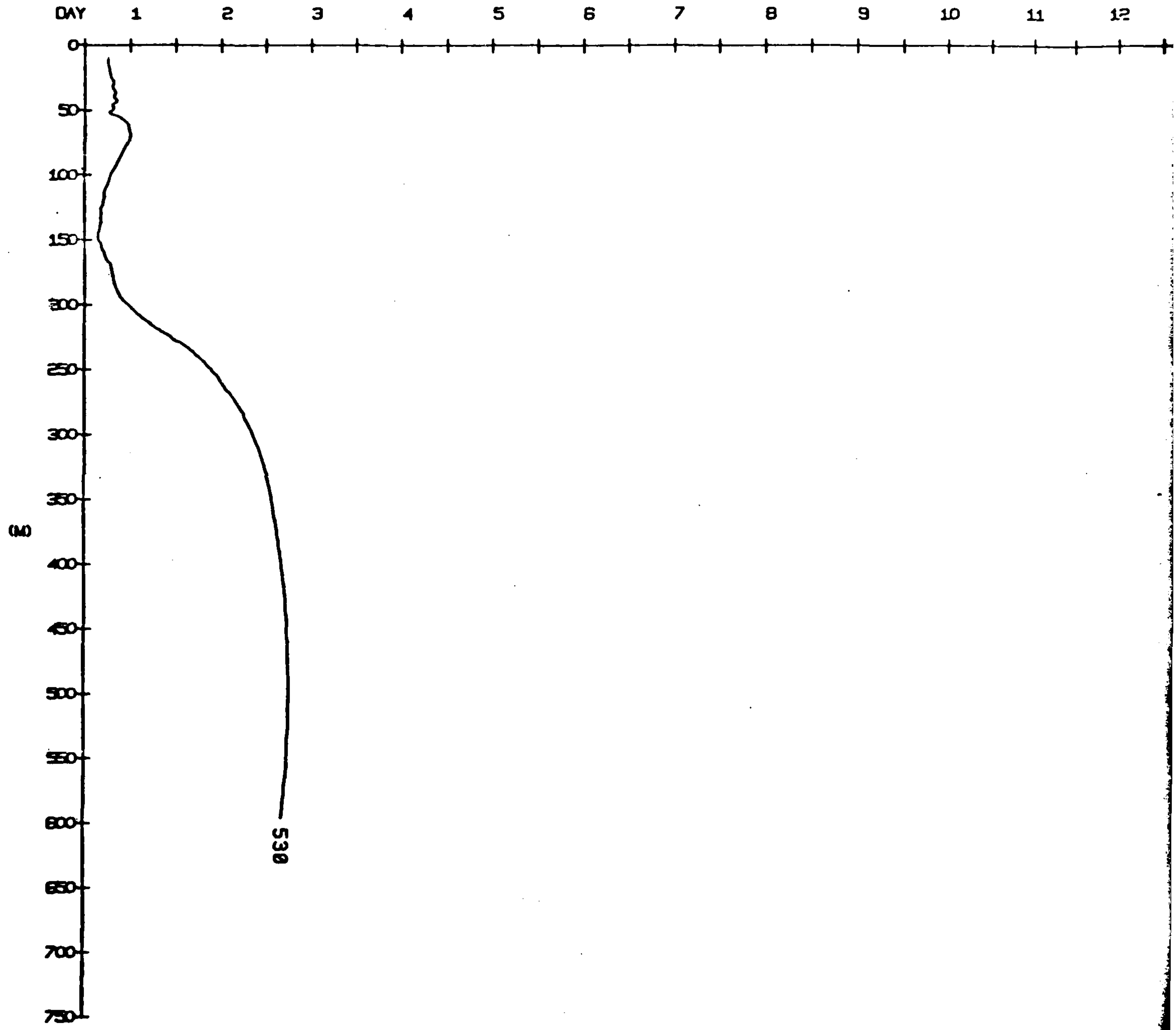
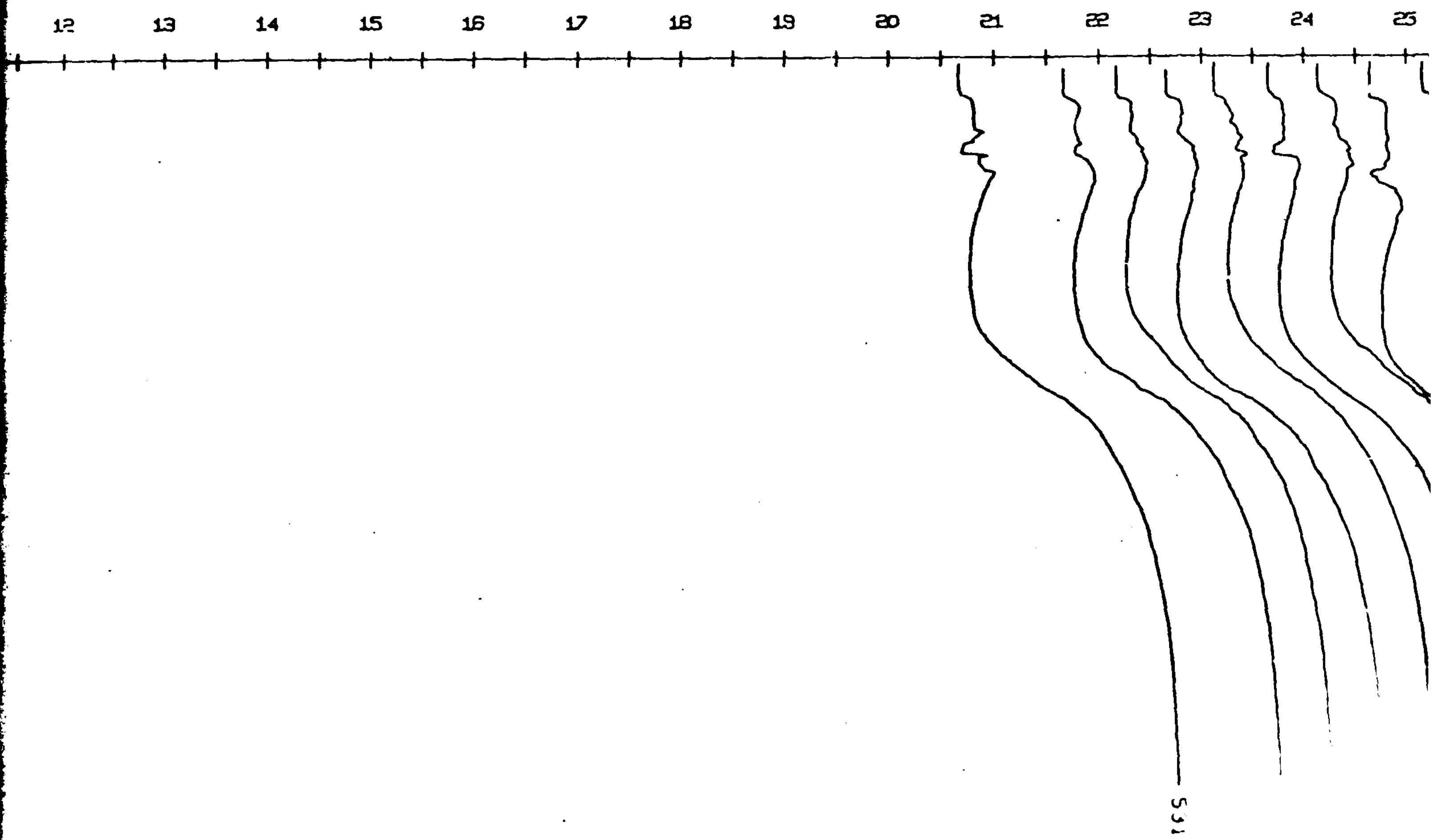
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG.C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



TEMPERATURE PROFILES AT CAMP BIG BEAR
SEP 1, 1975 TO SEP 30, 1975



AD-A118 205 LAMONT-DOHERTY GEOLOGICAL OBSERVATORY PALISADES NY F/G 8/10
ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976. PHYSICAL OCEANO--ETC(U)
FEB 80 E BAUER, K HUNKINS, T O MANLEY N00014-76-C-0004
UNCLASSIFIED LDGO-CU-11-80 NL

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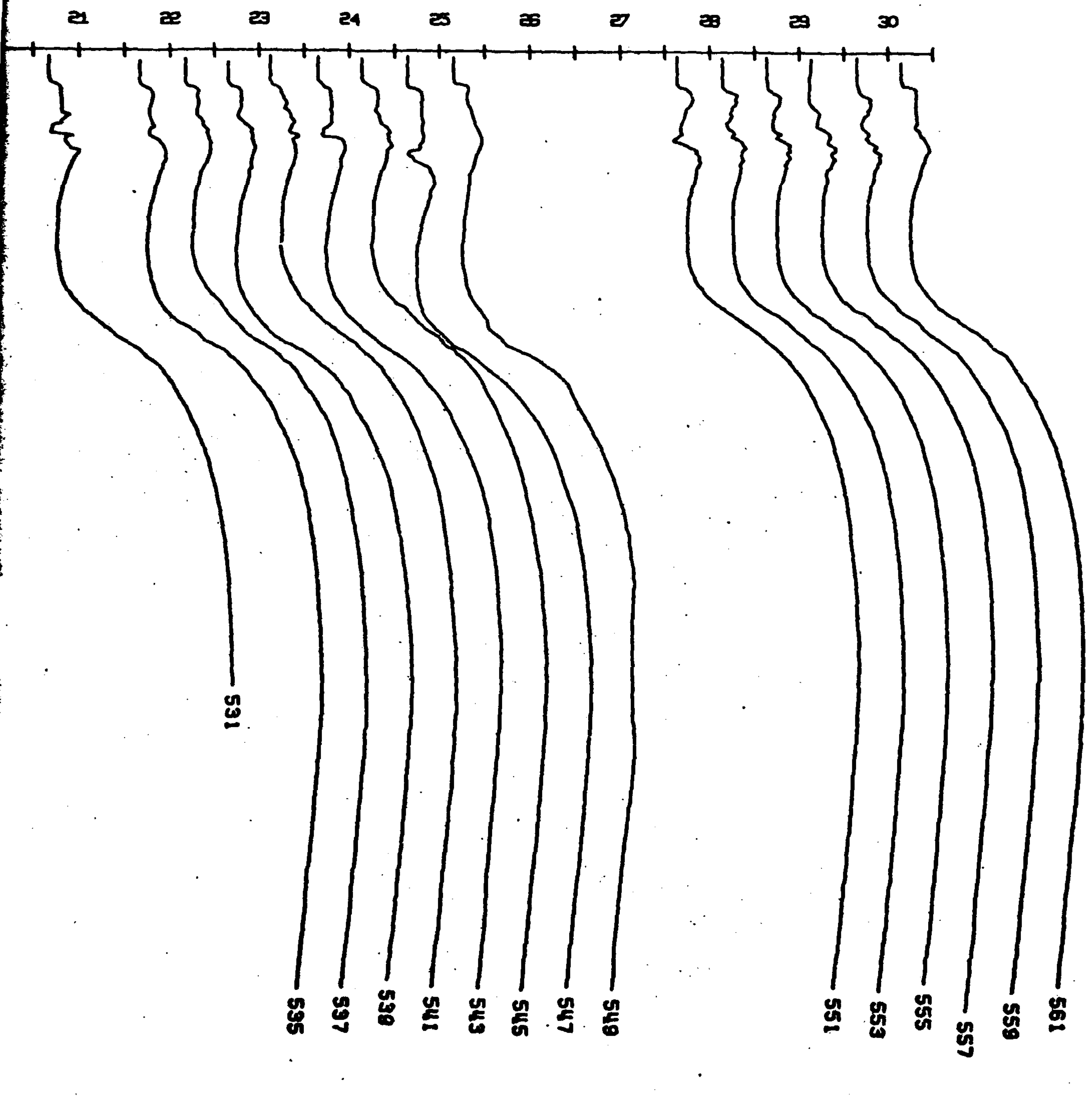
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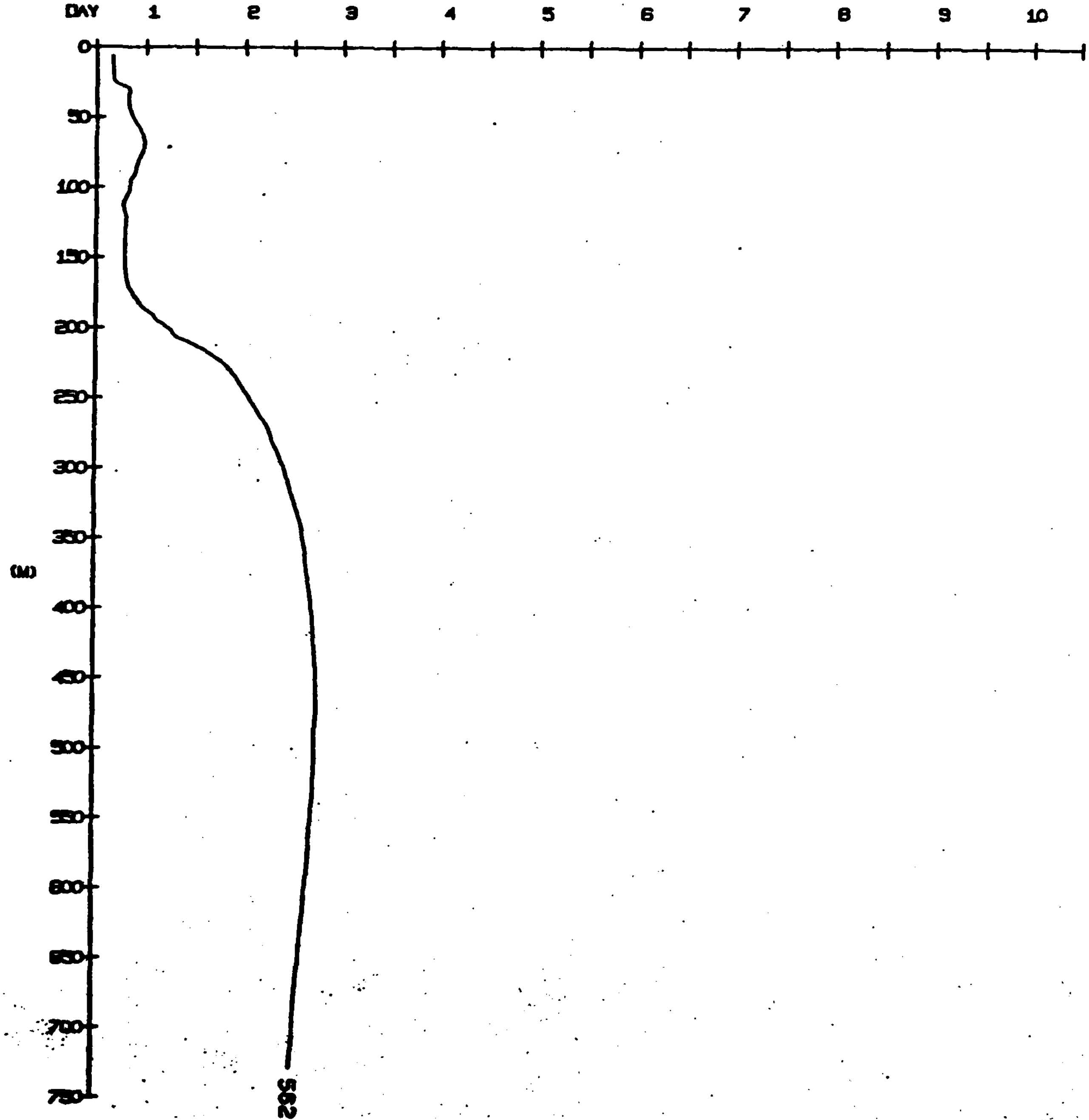
TEMPERATURE PROFILES AT CAMP BIG BEAR
OCT 1, 1975 TO OCT 10, 1975

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG.C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



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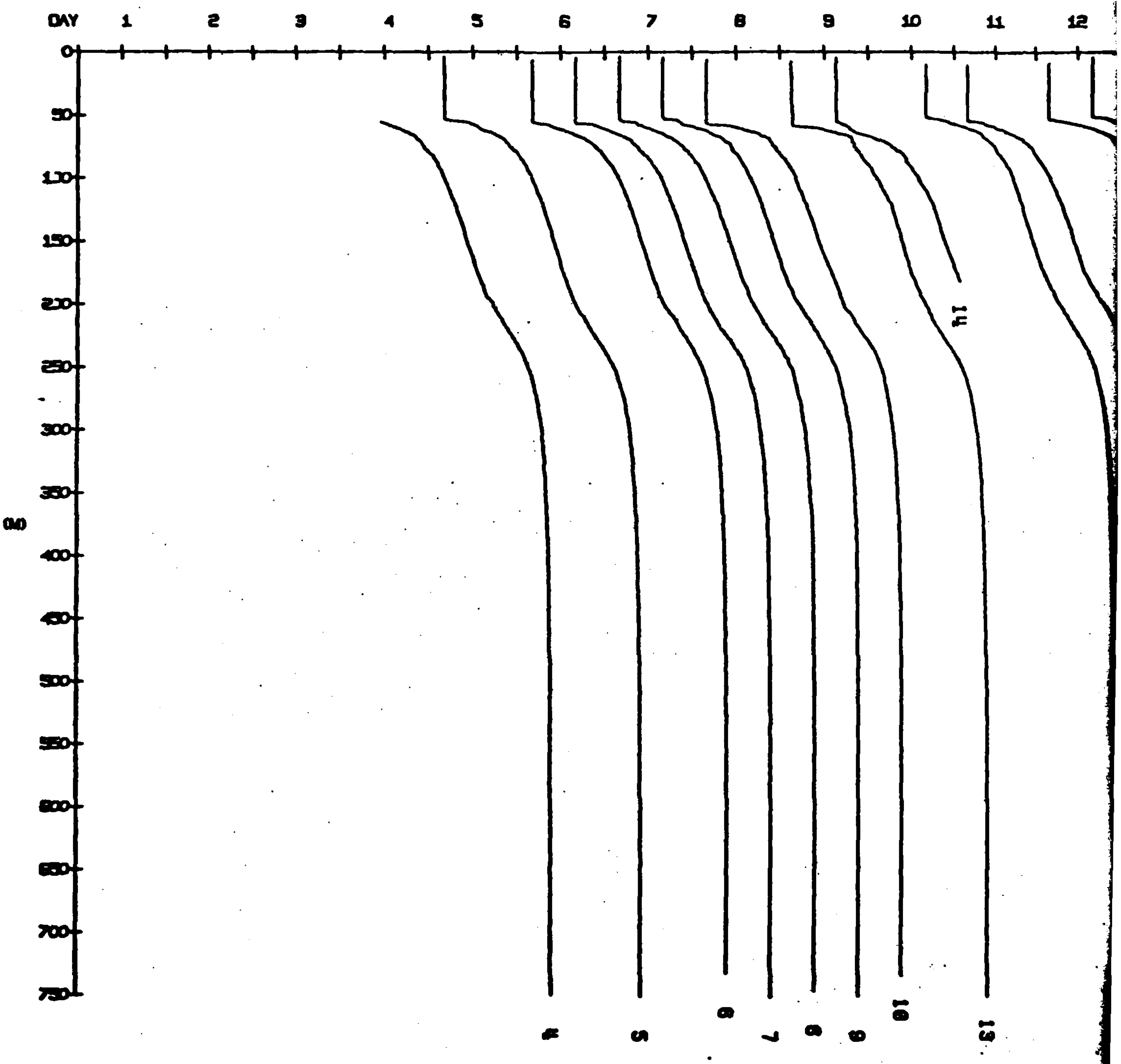
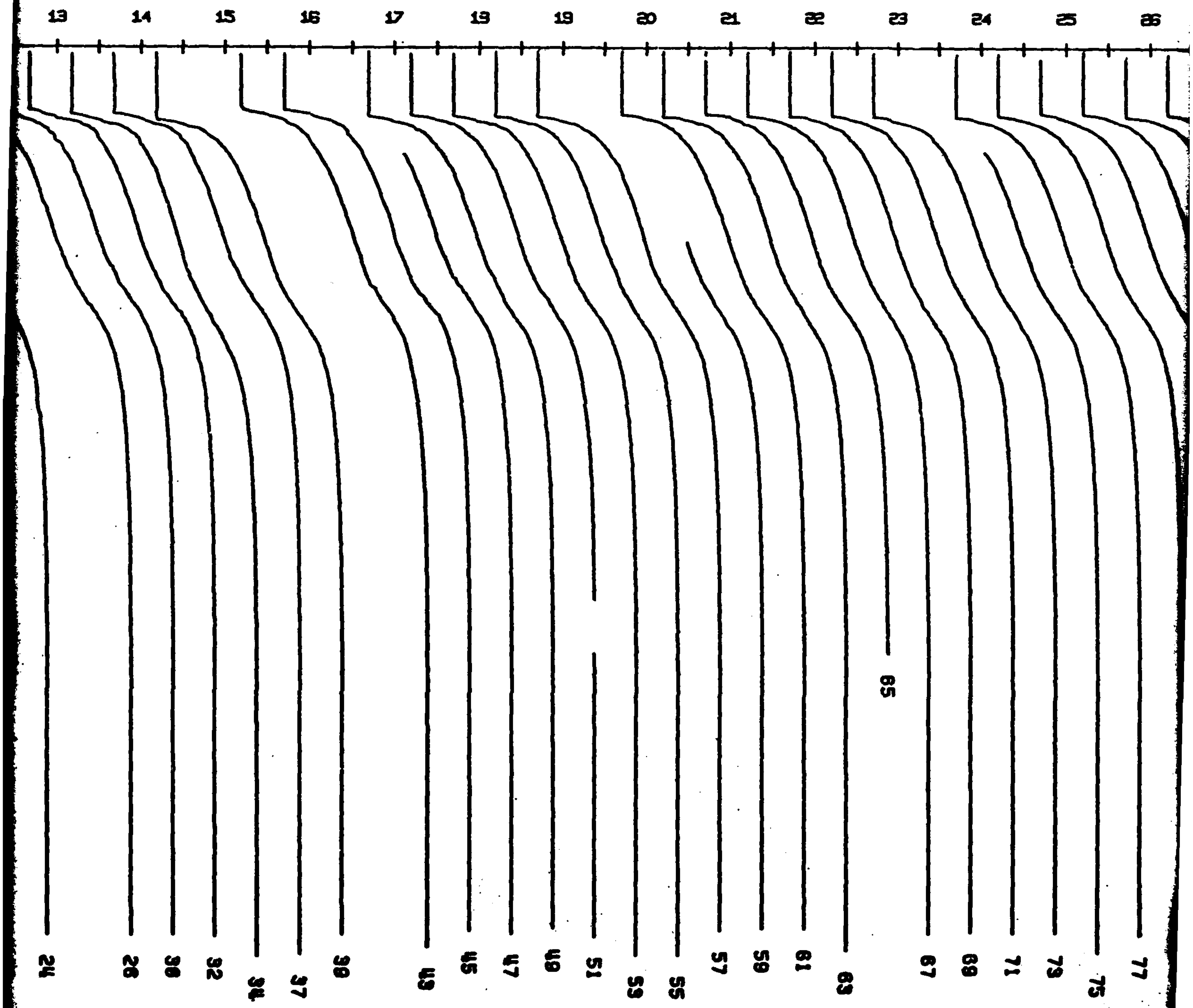
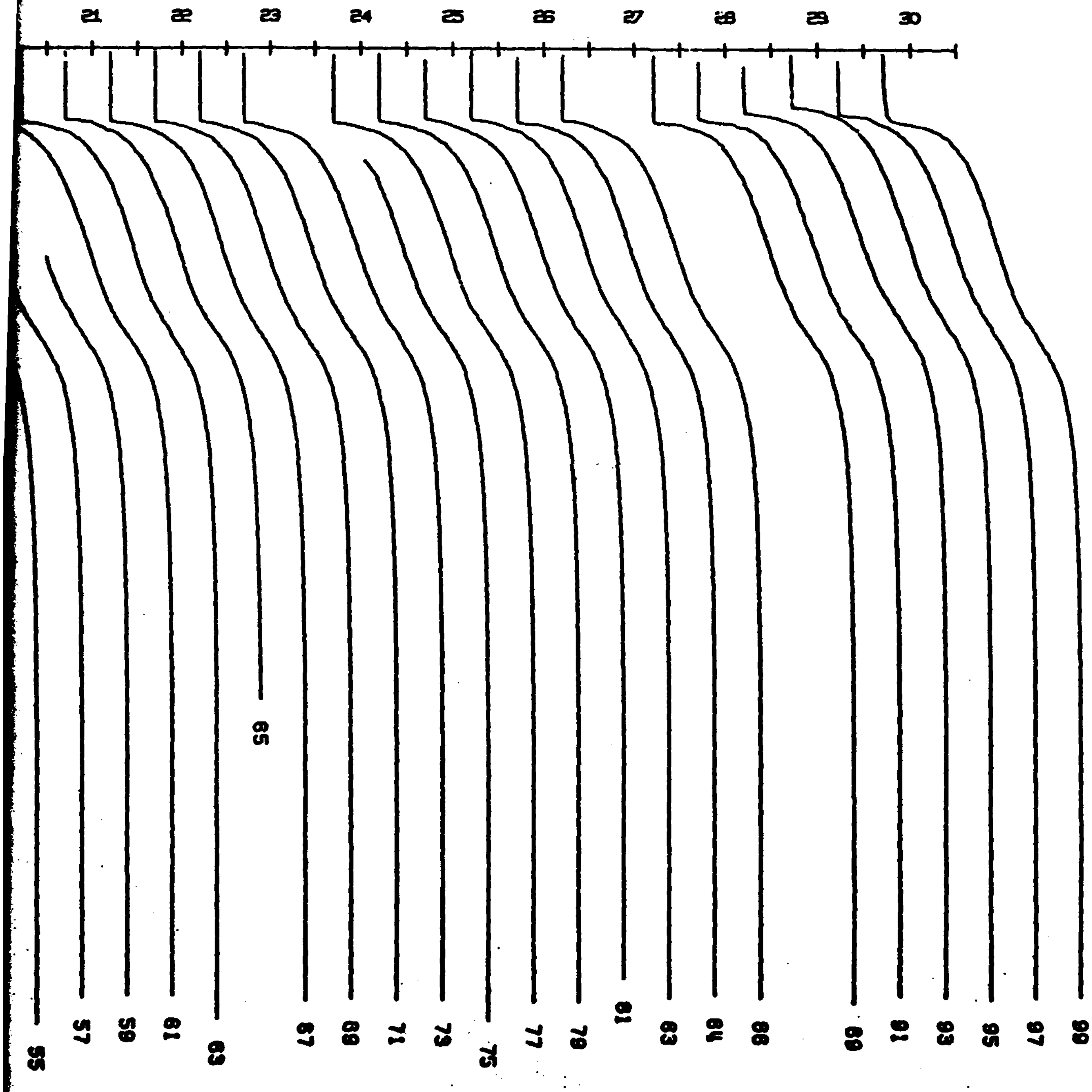
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



NITY PROFILES AT CAMP BIG BEAR
APR 1, 1975 TO APR 30, 1975

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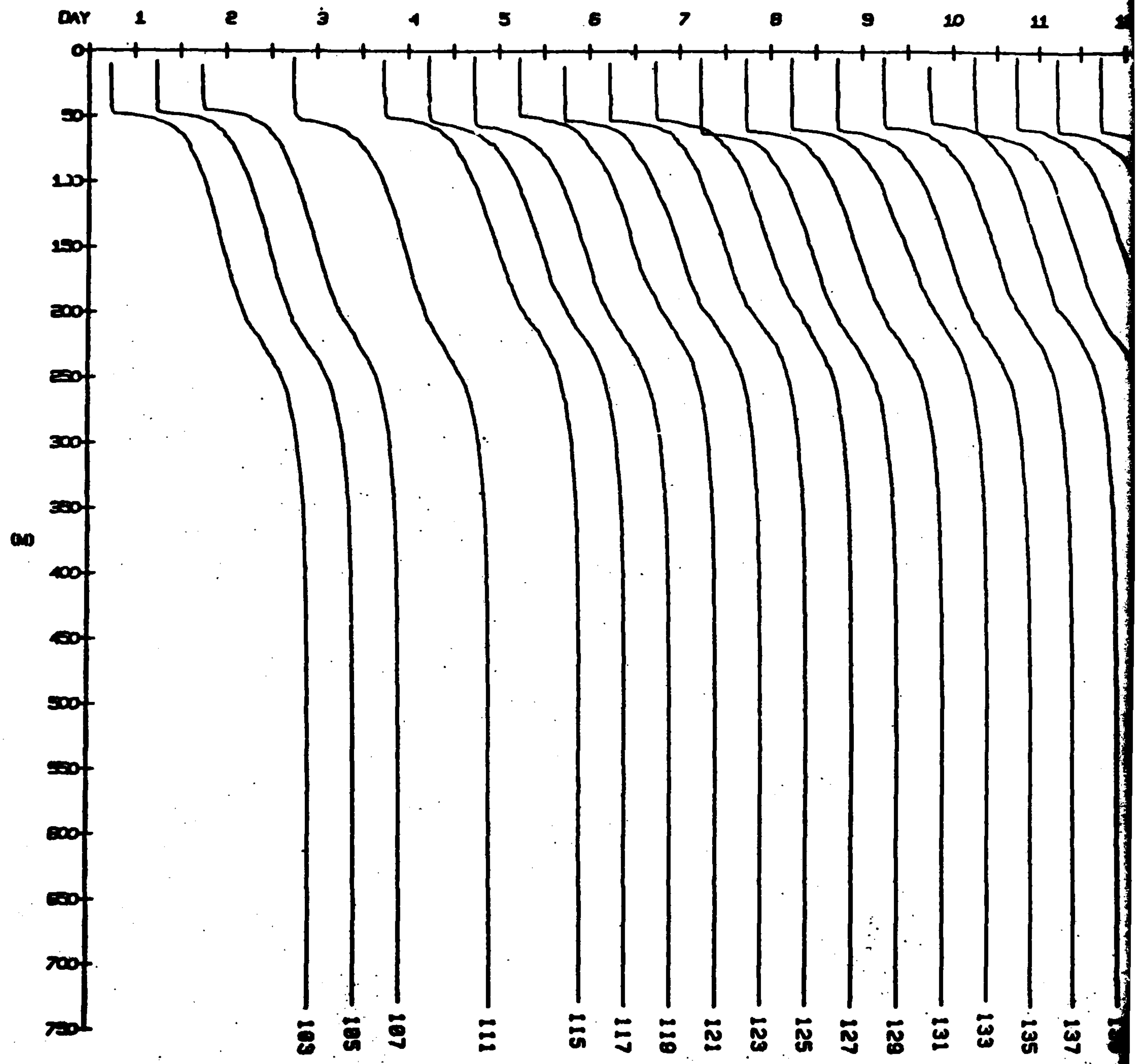
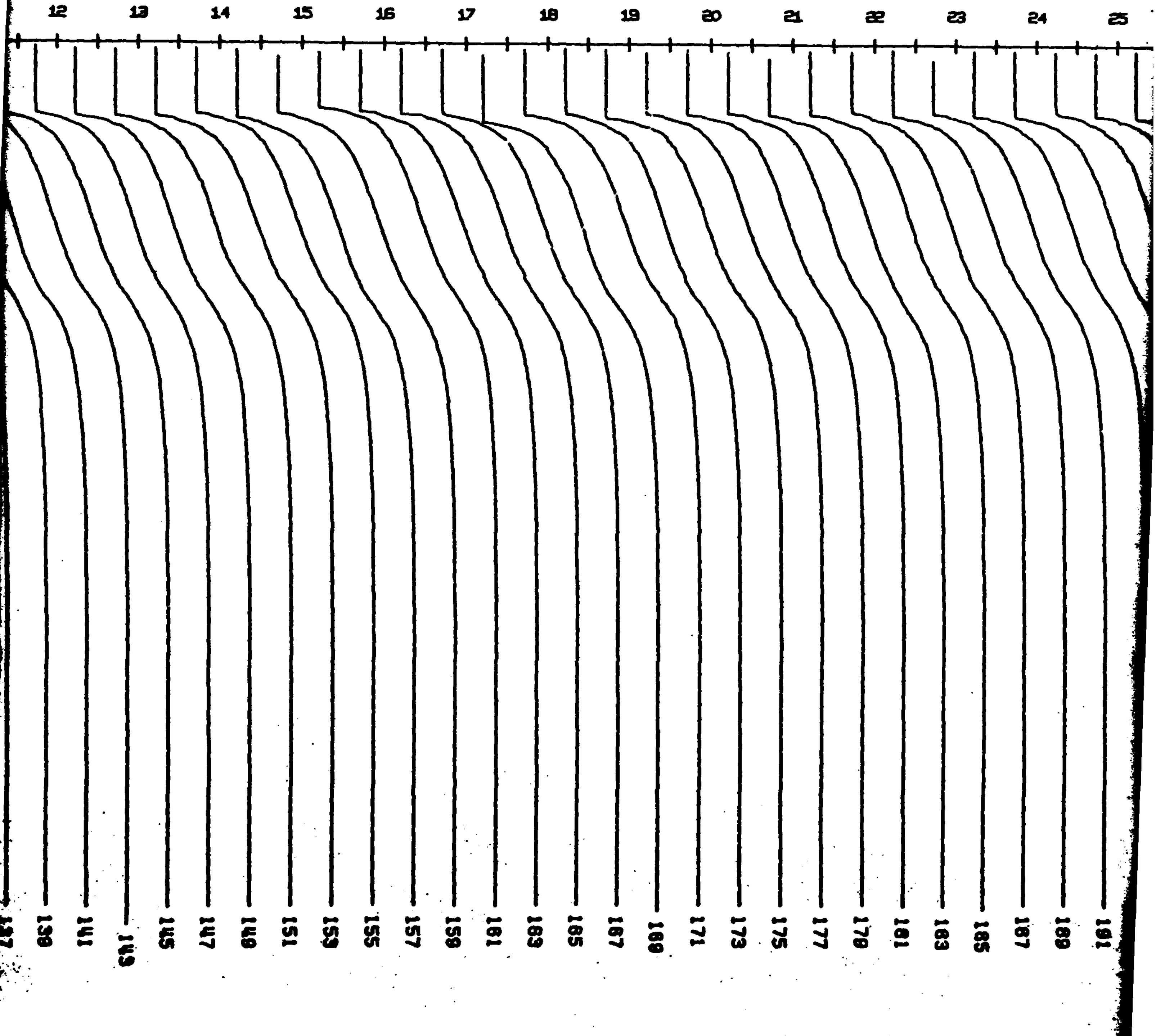
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



SALINITY PROFILES AT CAMP BIG BEAR
MAY 1, 1975 TO MAY 31, 1975



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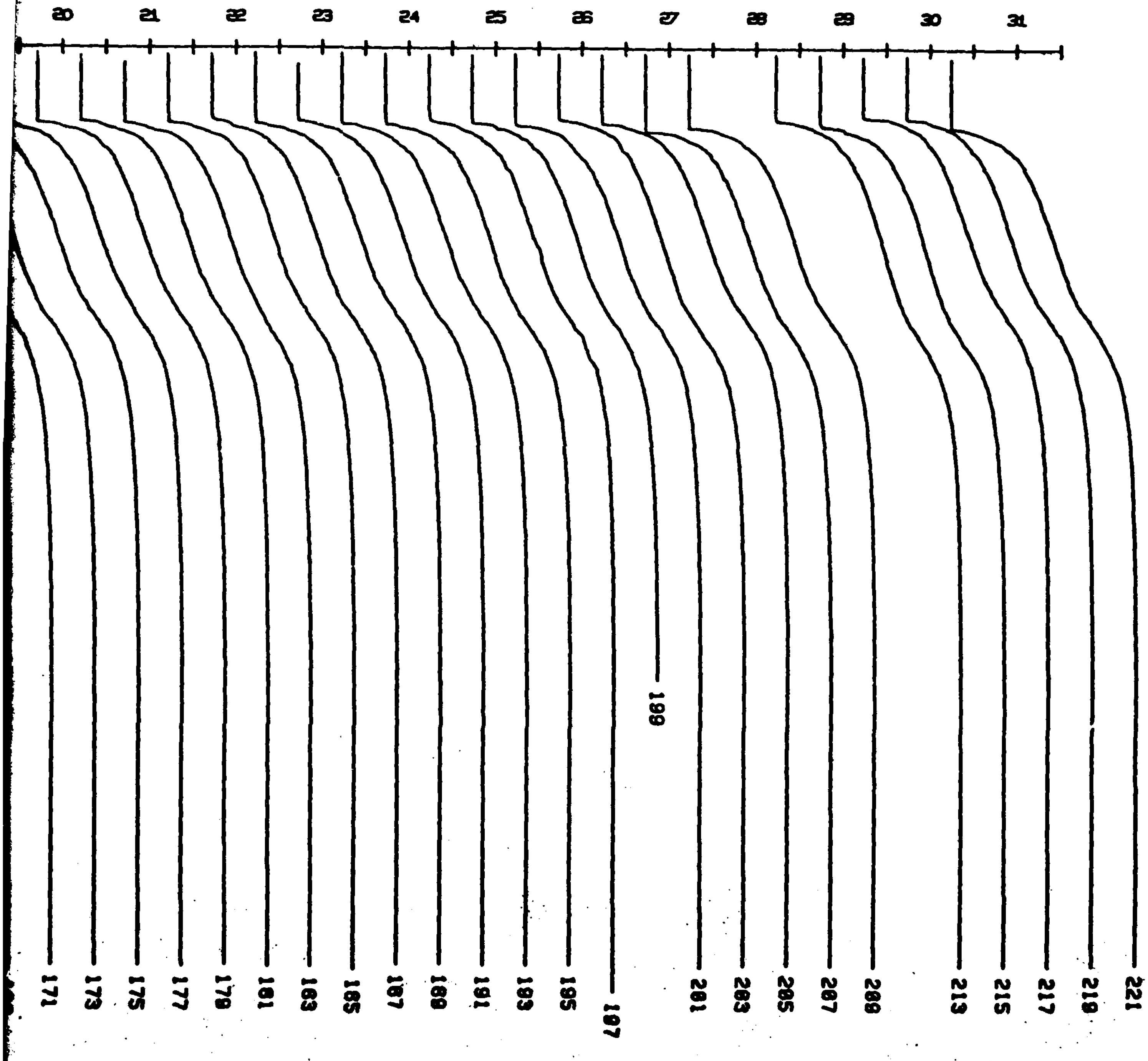
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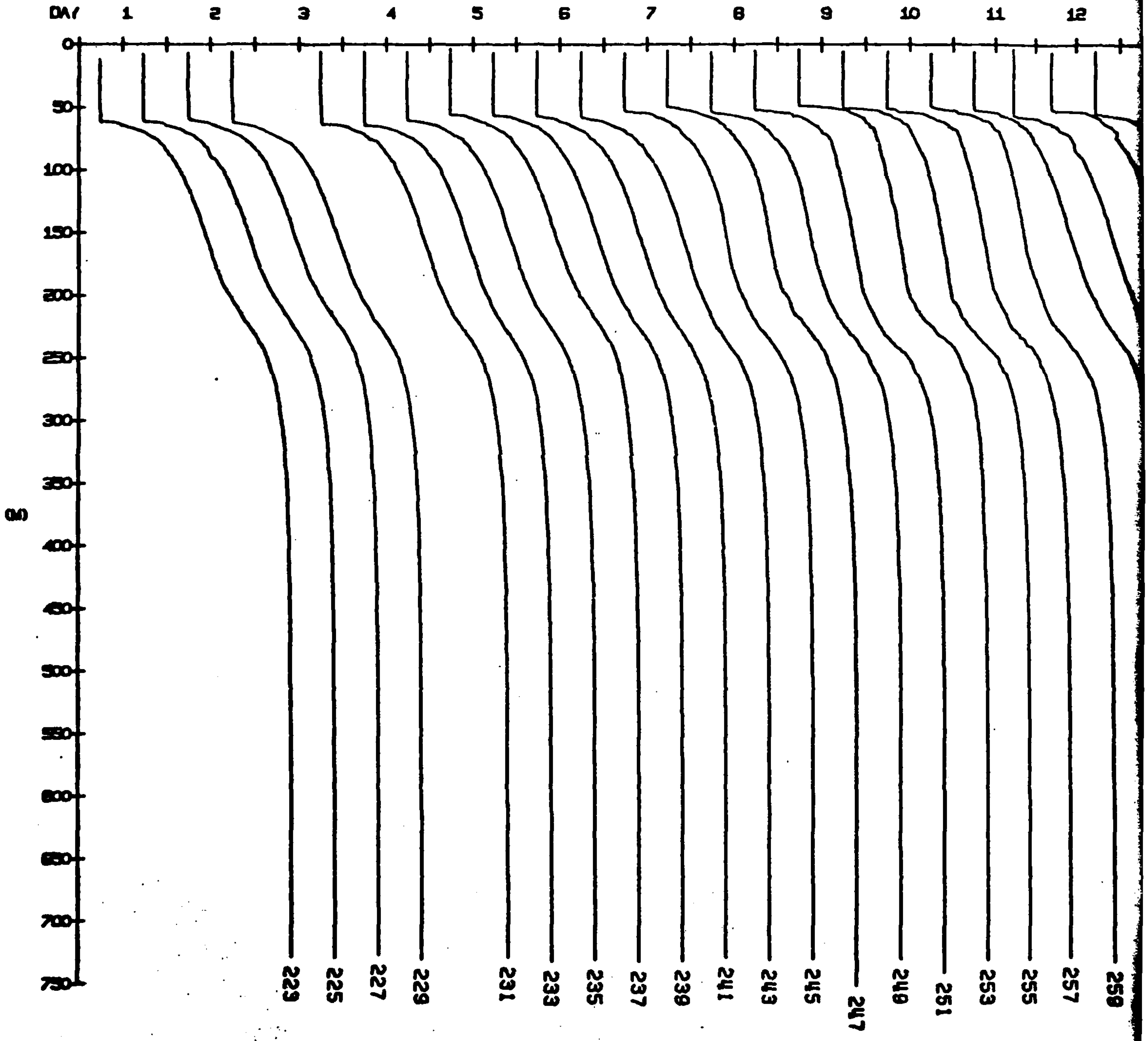
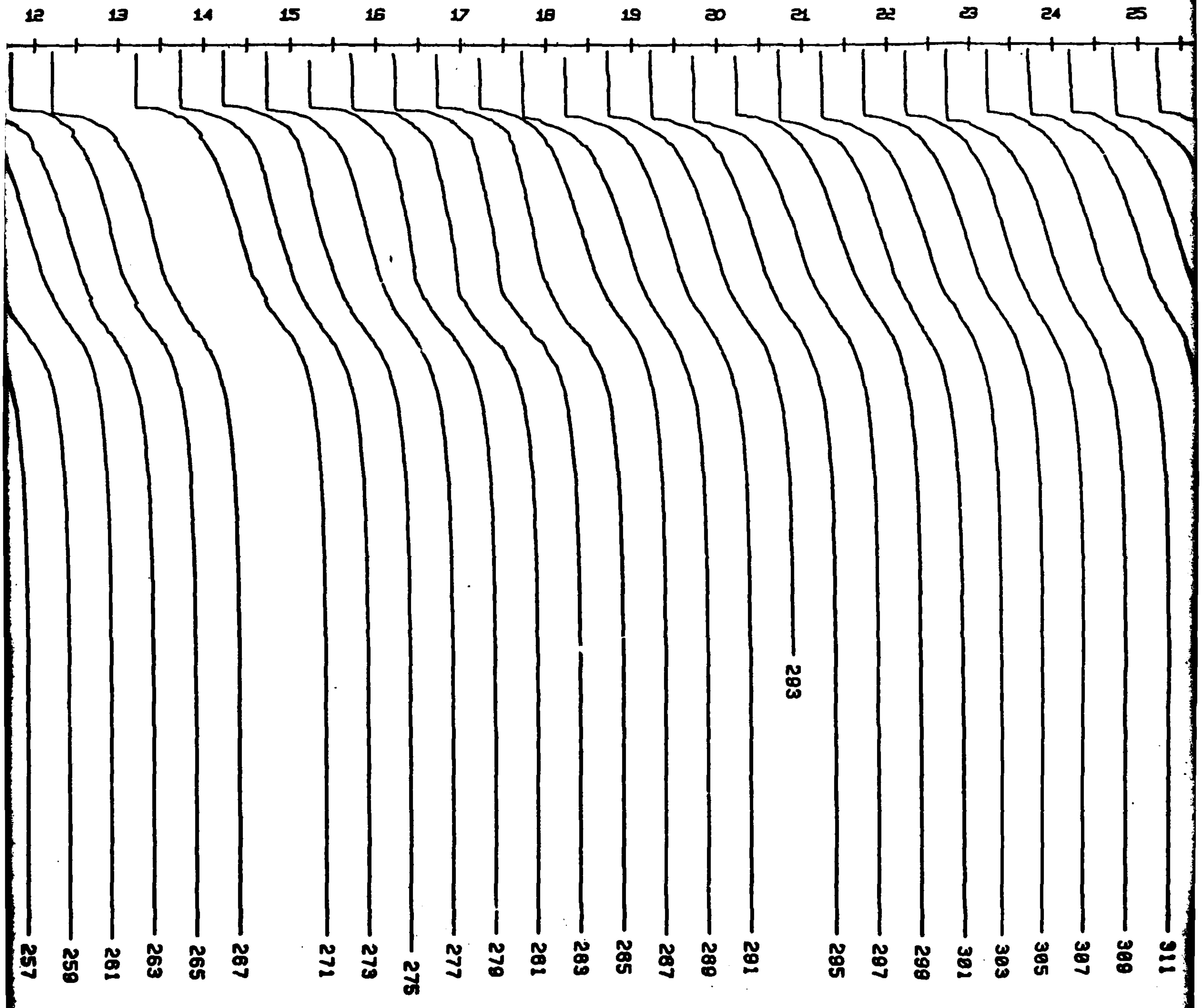
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



SALINITY PROFILES AT CAMP BIG BEAR
JUN 1, 1975 TO JUN 30, 1975



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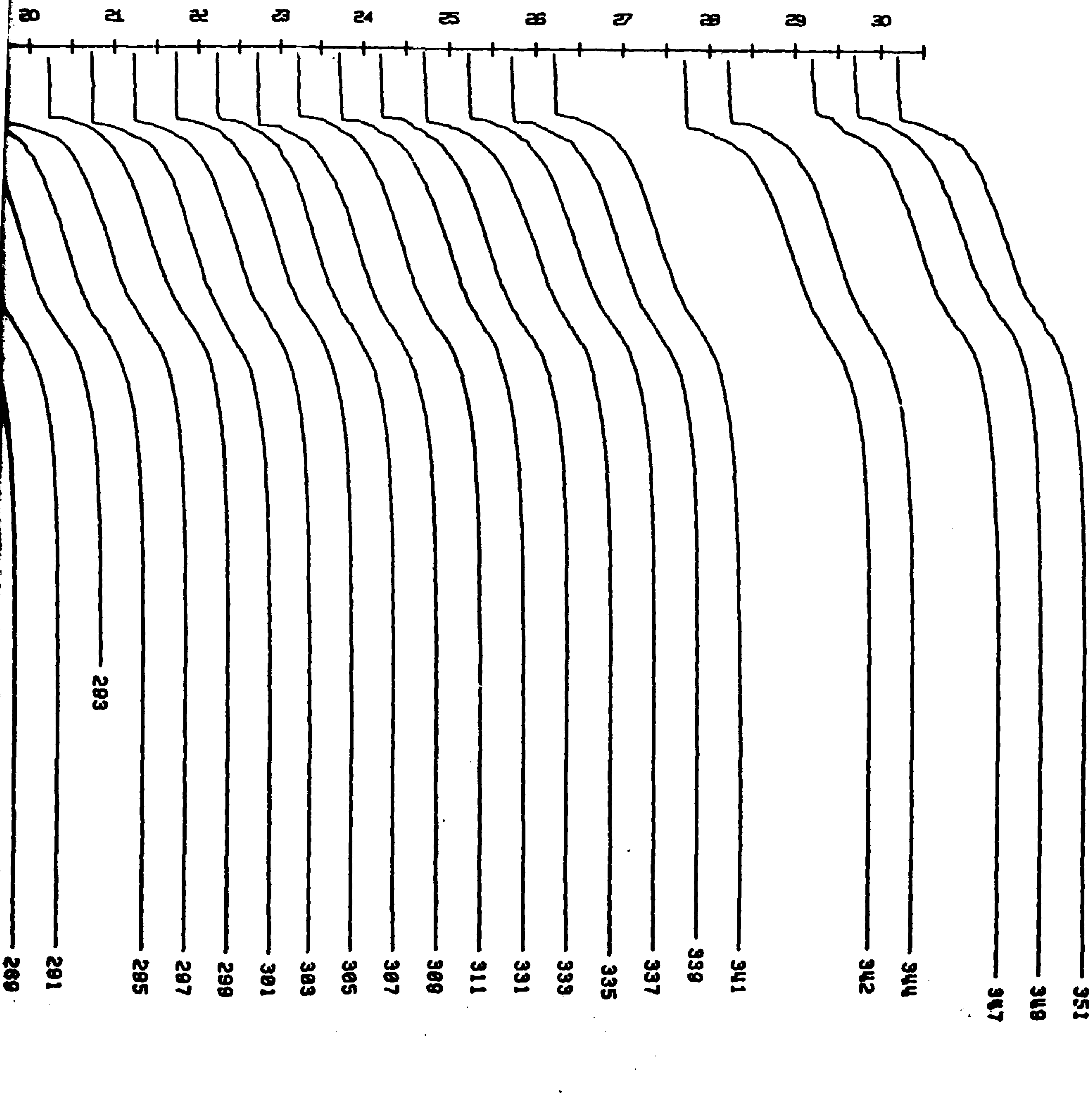
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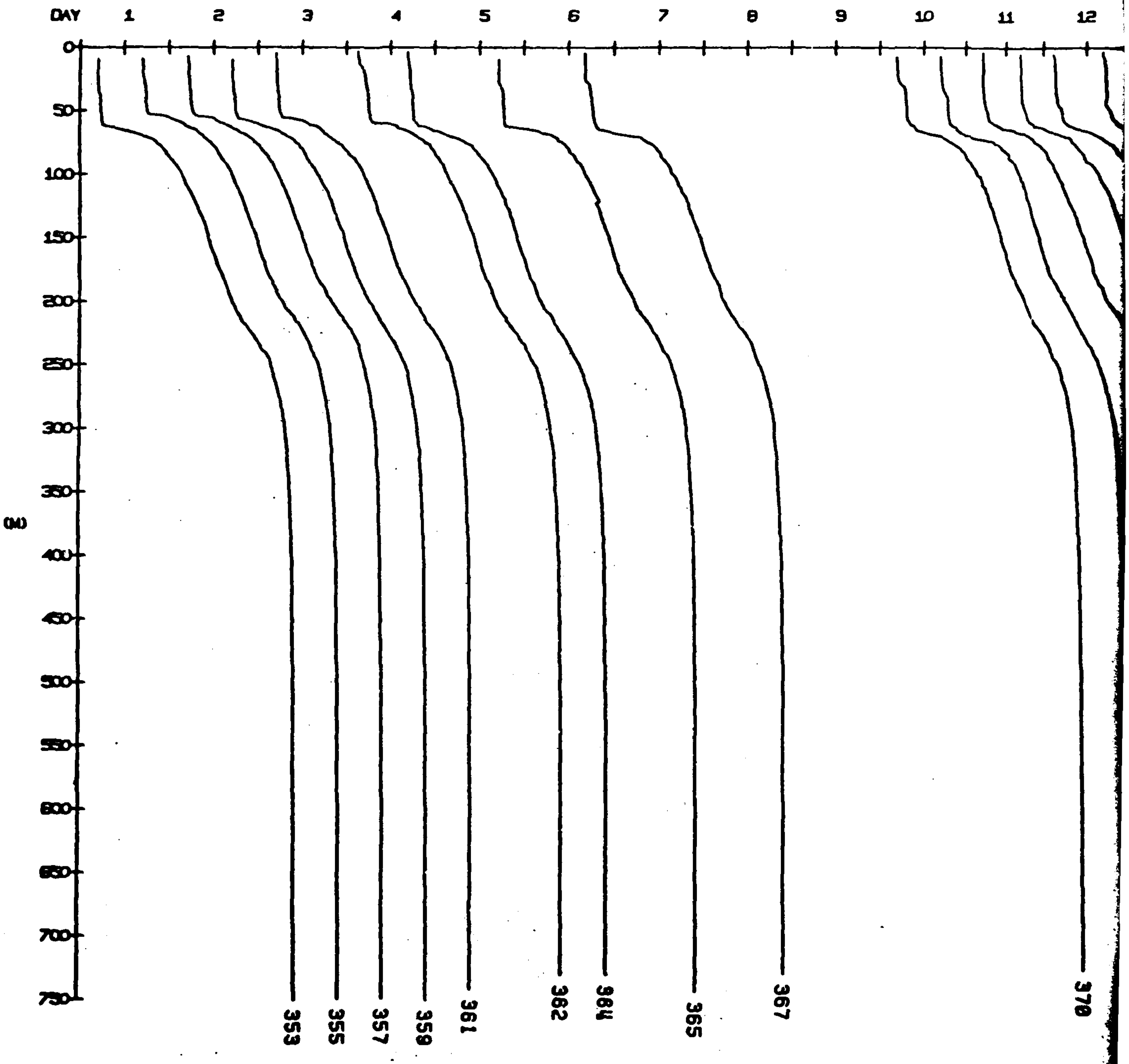
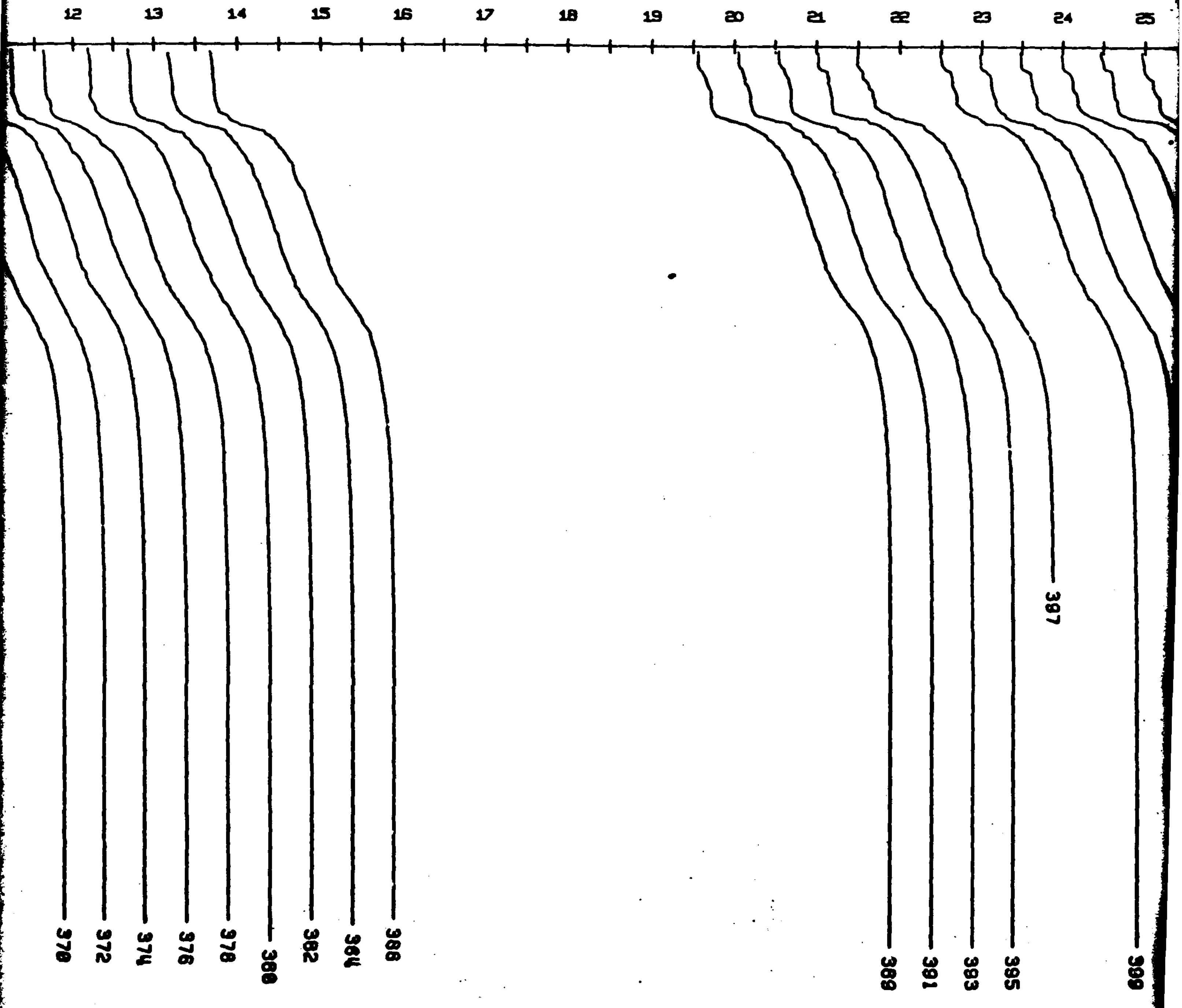
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



SALINITY PROFILES AT CAMP BIG BEAR
JUL 1, 1975 TO JUL 31, 1975



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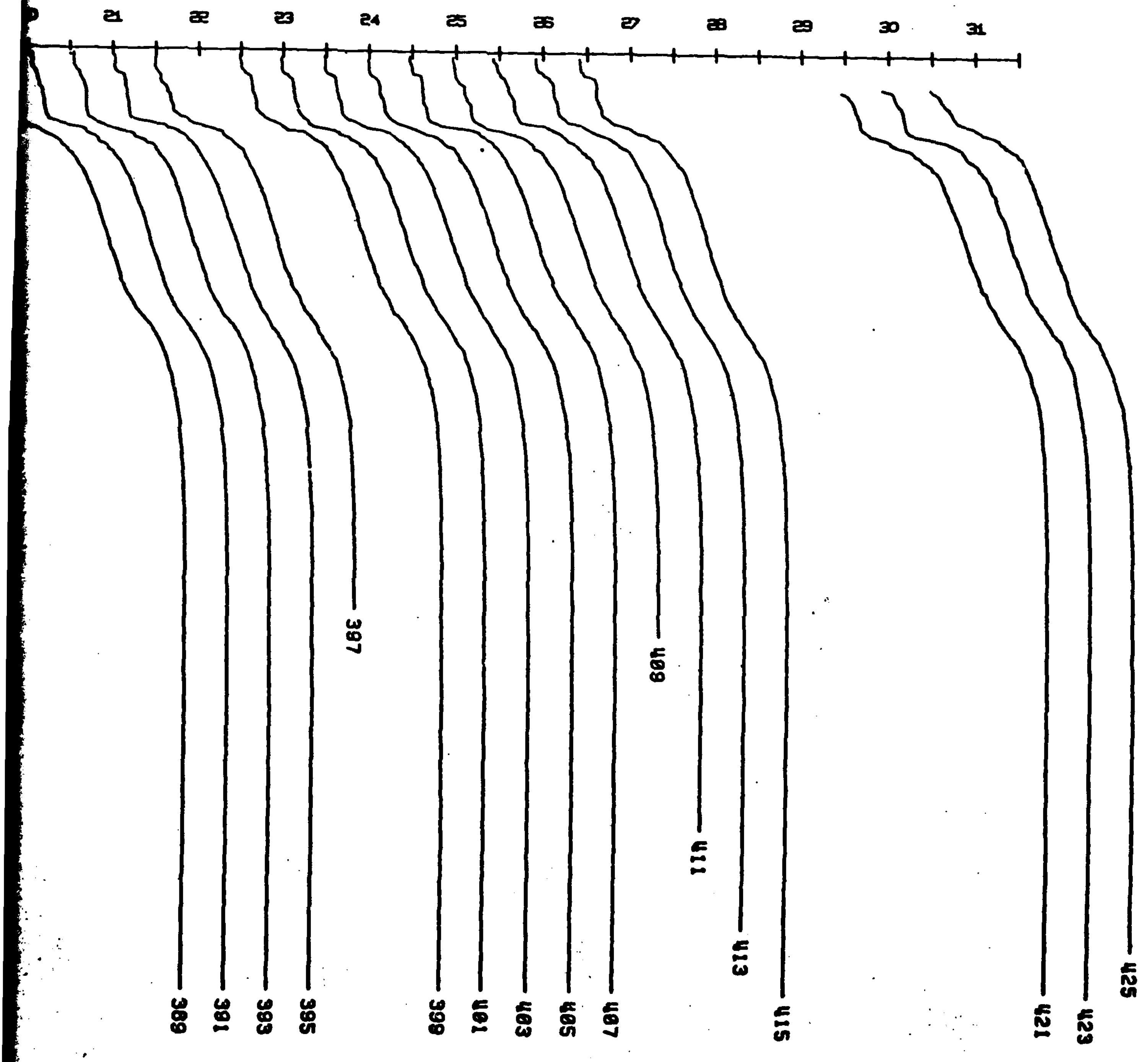
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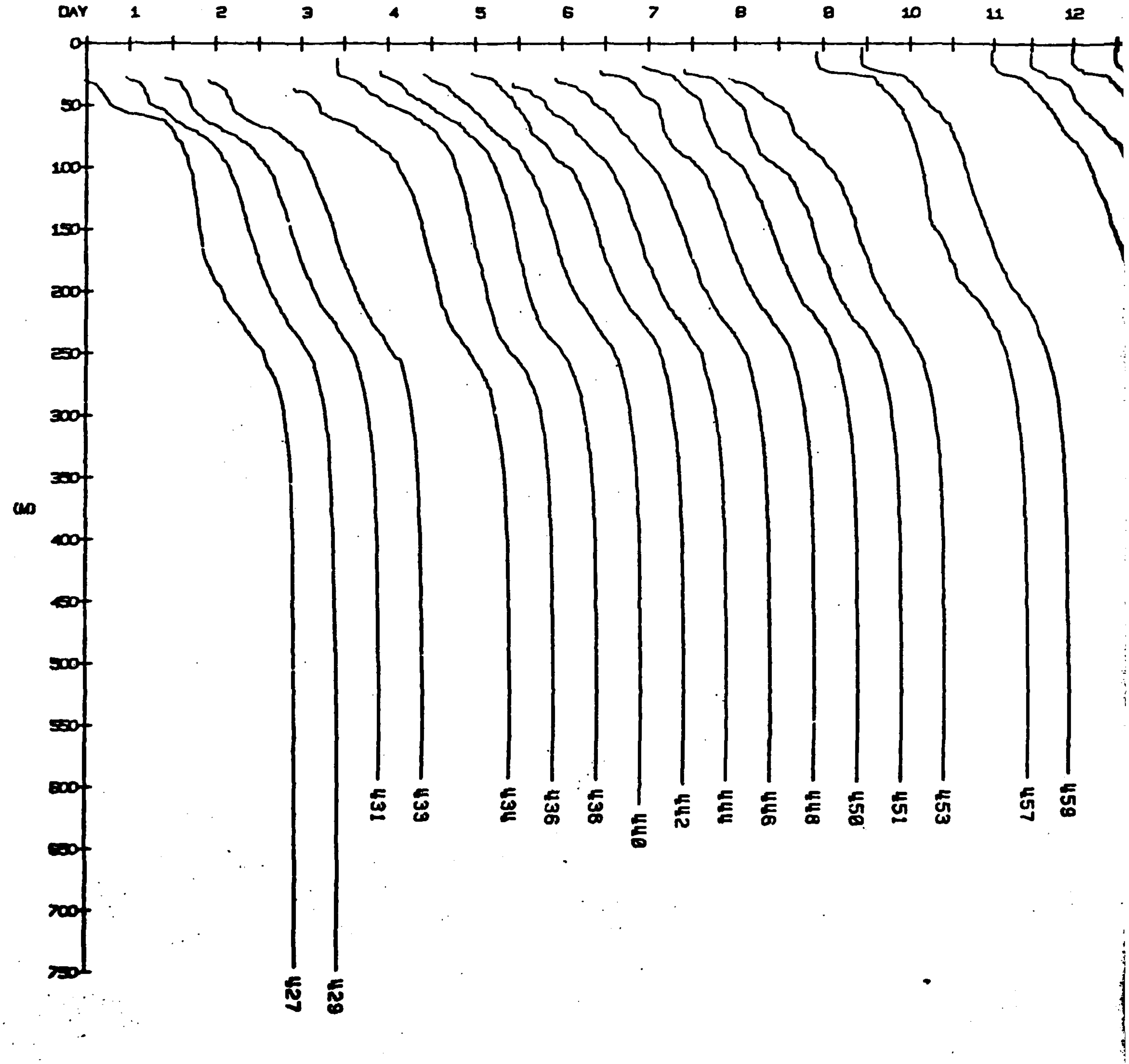
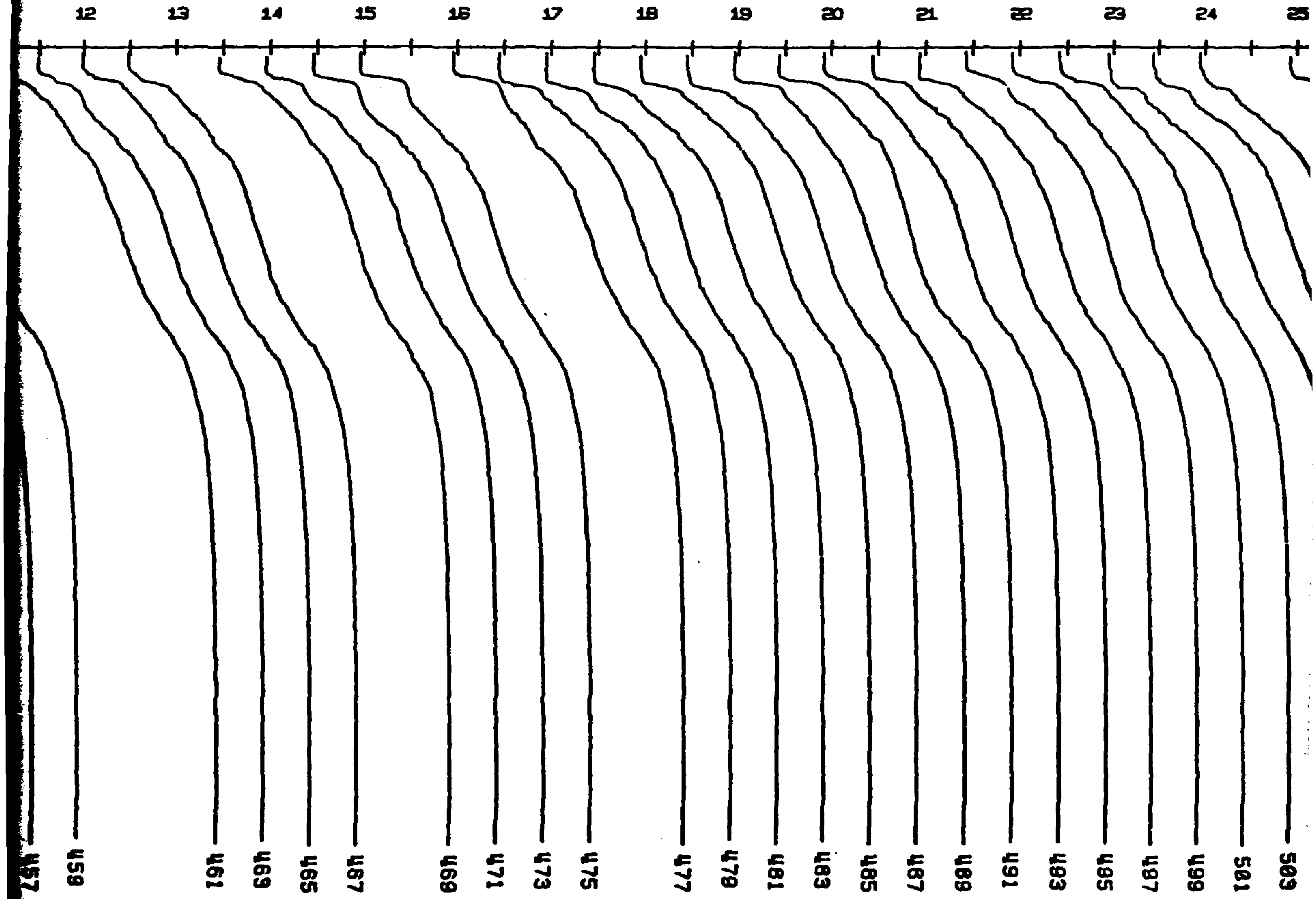
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



SALINITY PROFILES AT CAMP BIG BEAR
AUG 1, 1975 TO AUG 31, 1975



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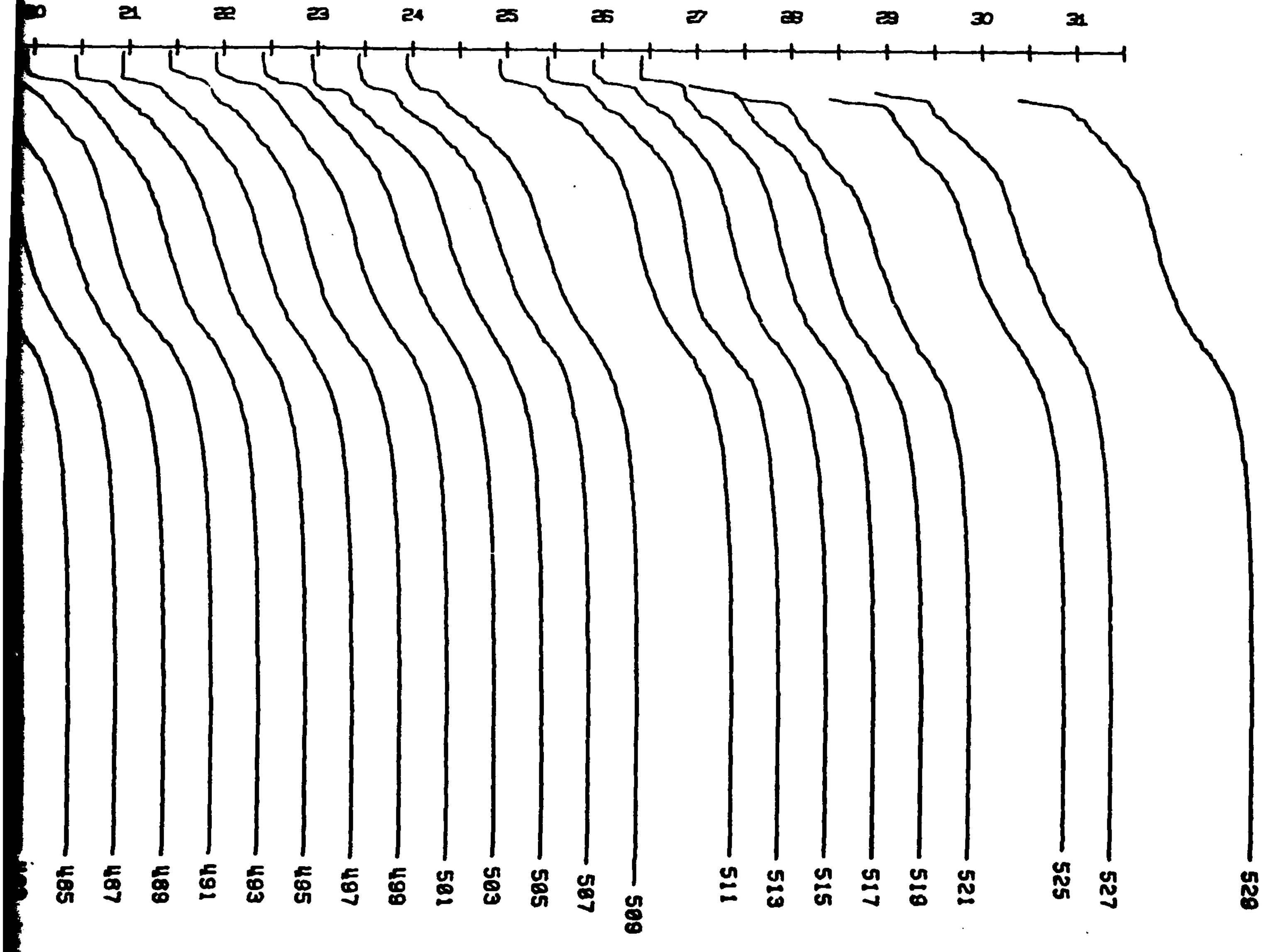
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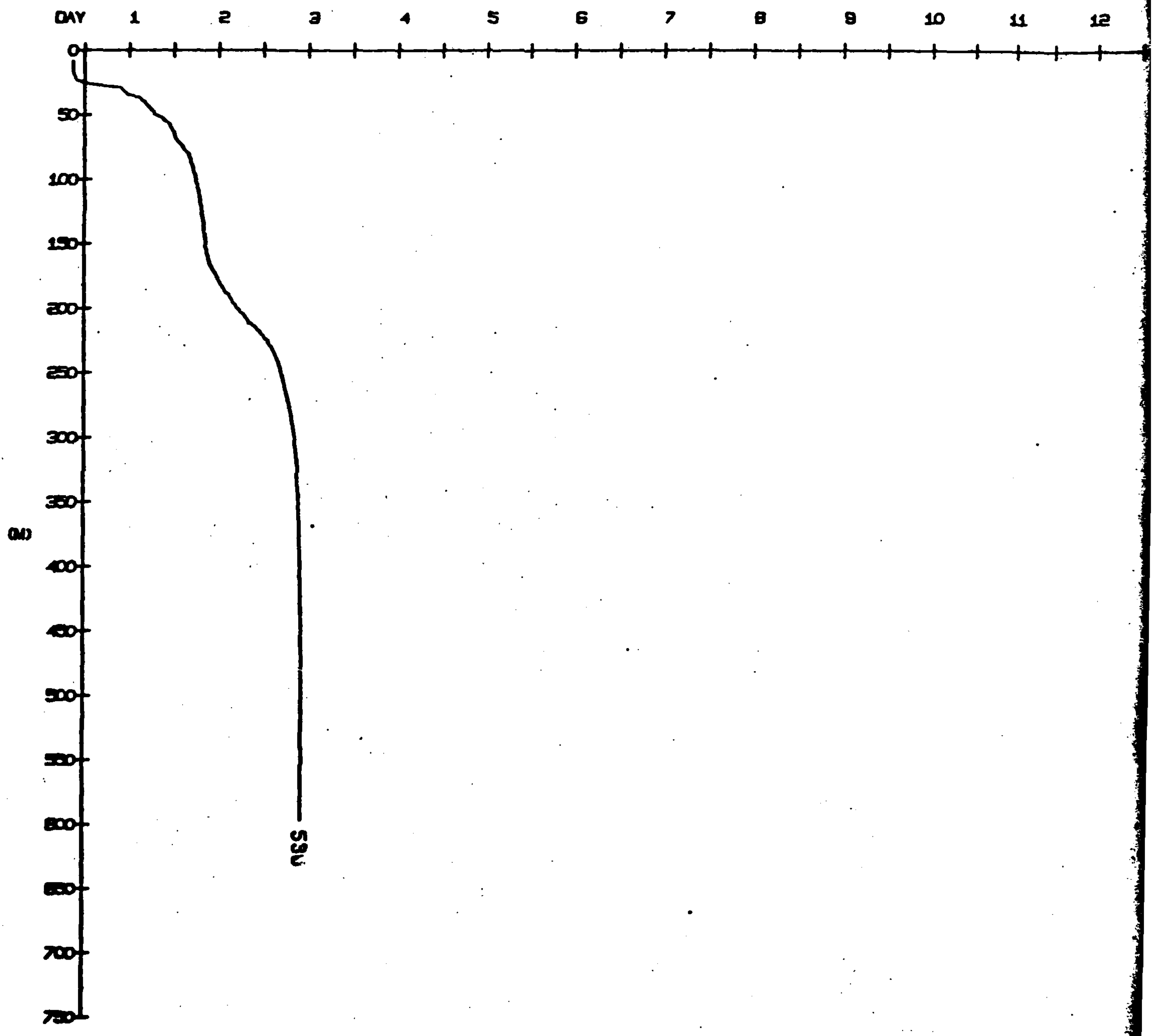
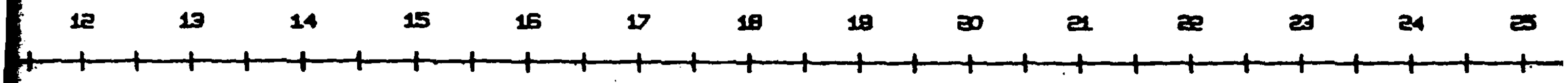
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



SALINITY PROFILES AT CAMP BIG BEAR
SEP 1, 1975 TO SEP 30, 1975



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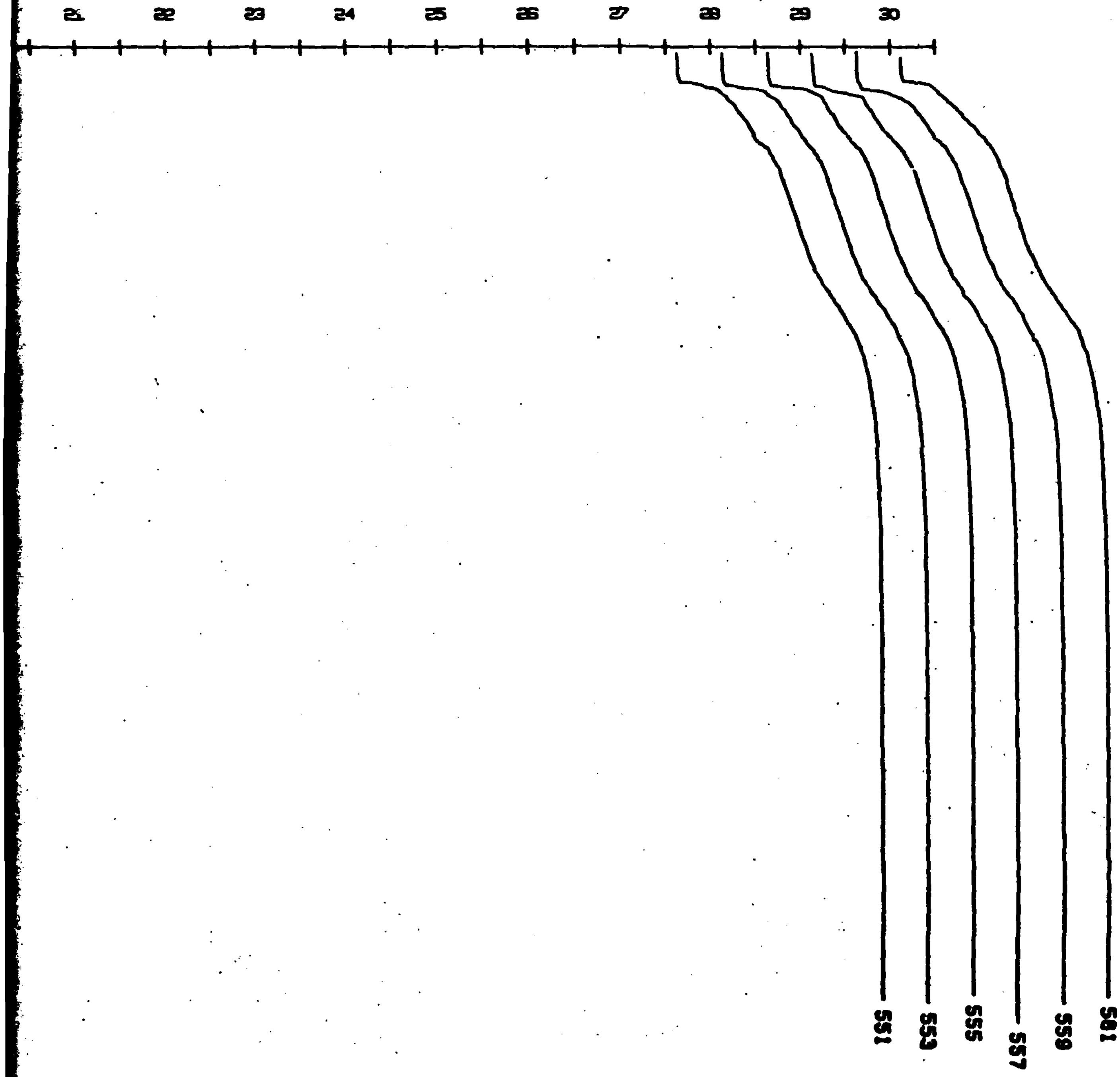
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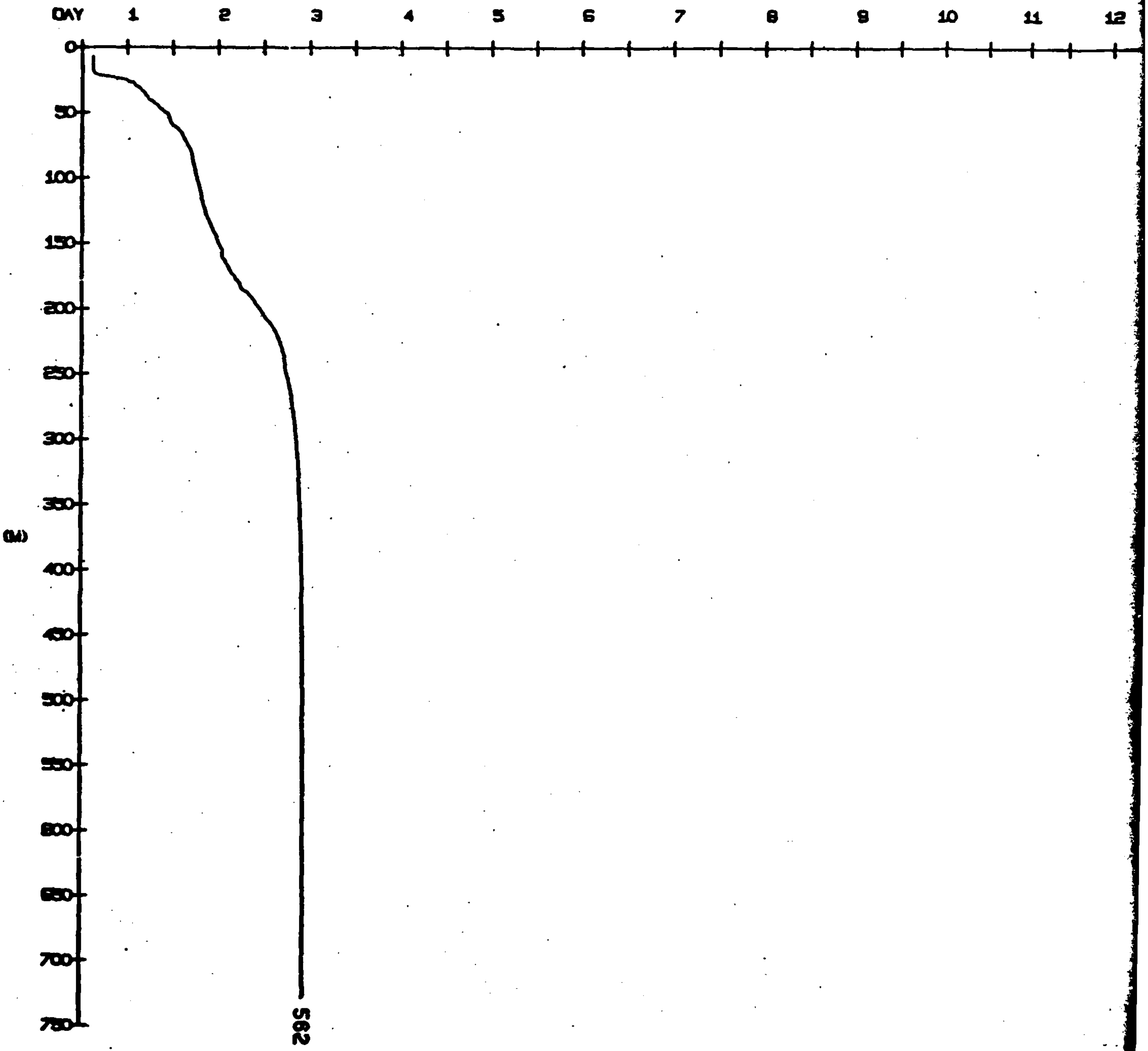
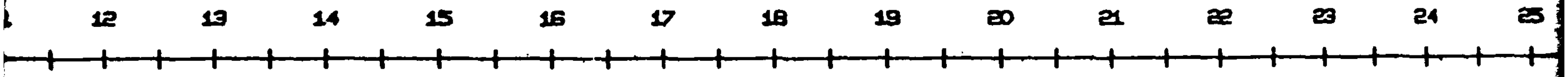
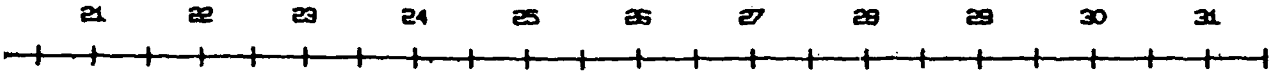
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



SALINITY PROFILES AT CAMP BIG BEAR
OCT 1, 1975 TO OCT 31, 1975

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RESULTS

Section 2 (STD Data)

This section provides all of the STD data taken at Camp Big Bear during the 1975-1976 Arctic Ice Dynamics Joint Experiment. Numerical listings are corresponding plots are given.

```
                         BIG BEAR STATION   4(1) STD   4/APR/1975   608 GMT  CODE = 2
                           LAT =          N LNG =        W LTER =          LGER =
                           AIR TEMP =      BAROM =          WIND =          SPEED =

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND        DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0                                                                850.0    0.07    0.03   34.88   28.02     9.7   0.406  1463.5
   5.0                                                                900.0    0.02   -0.02   34.88   28.03     8.8   0.411  1464.1
  10.0                                                                950.0   -0.03   -0.08   34.89   28.04     7.8   0.415  1464.7
  15.0                                                               1000.0   -0.08   -0.12   34.90   28.05     7.1   0.419  1465.3
  20.0
  25.0
  30.0
  35.0
  40.0
  45.0
  50.0
  54.5   -1.67   -1.67   30.92   24.89   306.4   0.000  1436.6
  55.0   -1.60   -1.60   30.94   24.90   305.2   0.001  1437.0
  60.0   -1.27   -1.27   31.36   25.24   273.4   0.016  1439.2
  65.0   -1.19   -1.20   31.64   25.46   251.9   0.029  1440.0
  70.0   -1.19   -1.20   31.82   25.61   238.4   0.042  1440.4
  80.0   -1.28   -1.29   32.07   25.81   219.9   0.065  1440.5
  90.0   -1.35   -1.35   32.24   25.95   205.2   0.086  1440.5
 100.0   -1.41   -1.41   32.38   26.06   194.7   0.106  1440.6
 110.0   -1.45   -1.45   32.50   26.16   185.2   0.125  1440.8
 120.0   -1.48   -1.49   32.61   26.25   176.5   0.144  1440.9
 130.0   -1.52   -1.52   32.71   26.34   169.7   0.161  1441.1
 140.0   -1.54   -1.54   32.80   26.41   161.4   0.178  1441.3
 150.0   -1.57   -1.57   32.88   26.49   154.9   0.194  1441.4
 160.0   -1.59   -1.59   32.99   26.57   146.5   0.209  1441.7
 170.0   -1.59   -1.59   33.09   26.64   139.3   0.223  1442.0
 180.0   -1.58   -1.58   33.20   26.73   130.6   0.237  1442.3
 190.0   -1.55   -1.56   33.31   26.82   122.0   0.250  1442.8
 200.0   -1.49   -1.49   33.50   26.98   107.5   0.261  1443.5
 210.0   -1.36   -1.37   33.67   27.11    95.1   0.271  1444.5
 220.0   -1.21   -1.22   33.85   27.25    81.9   0.280  1445.6
 230.0   -1.03   -1.04   34.04   27.40    68.2   0.288  1446.9
 240.0   -0.84   -0.85   34.18   27.50    58.0   0.294  1448.1
 250.0   -0.71   -0.71   34.29   27.58    50.6   0.300  1449.1
 260.0   -0.57   -0.57   34.39   27.66    43.1   0.305  1450.0
 270.0   -0.44   -0.45   34.45   27.71    39.0   0.309  1450.9
 280.0   -0.34   -0.35   34.51   27.75    35.1   0.312  1451.6
 290.0   -0.23   -0.24   34.56   27.78    32.0   0.316  1452.3
 300.0   -0.14   -0.15   34.60   27.81    29.4   0.319  1453.0
 310.0   -0.06   -0.08   34.63   27.83    27.9   0.322  1453.5
 320.0   -0.02   -0.03   34.65   27.85    26.1   0.325  1453.9
 330.0    0.04    0.02   34.68   27.87    24.4   0.327  1454.4
 340.0    0.09    0.07   34.70   27.88    23.4   0.330  1454.8
 350.0    0.12    0.11   34.71   27.89    22.4   0.332  1455.2
 370.0    0.19    0.17   34.74   27.90    21.1   0.336  1455.8
 390.0    0.25    0.23   34.76   27.92    19.7   0.340  1456.5
 410.0    0.29    0.28   34.78   27.93    18.5   0.344  1457.0
 430.0    0.32    0.30   34.79   27.94    18.1   0.348  1457.5
 450.0    0.35    0.33   34.80   27.94    17.6   0.352  1458.0
 470.0    0.36    0.34   34.80   27.95    17.1   0.355  1458.4
 490.0    0.39    0.37   34.82   27.96    16.5   0.358  1458.8
 510.0    0.41    0.39   34.82   27.96    16.3   0.362  1459.3
 530.0    0.42    0.39   34.83   27.96    15.8   0.365  1459.6
 550.0    0.40    0.38   34.83   27.97    15.6   0.368  1459.9
 570.0    0.39    0.36   34.83   27.97    15.2   0.371  1460.2
 590.0    0.37    0.34   34.84   27.97    14.8   0.374  1460.4
 610.0    0.34    0.31   34.84   27.98    14.3   0.377  1460.6
 630.0    0.32    0.29   34.84   27.98    14.0   0.380  1460.9
 650.0    0.30    0.27   34.85   27.99    13.7   0.383  1461.1
 670.0    0.27    0.24   34.85   27.99    13.3   0.386  1461.3
 690.0    0.25    0.22   34.85   27.99    12.9   0.388  1461.6
 710.0    0.22    0.18   34.86   28.00    12.3   0.391  1461.8
 730.0    0.20    0.17   34.86   28.00    11.8   0.393  1462.0
 750.0    0.20    0.17   34.87   28.01    11.2   0.396  1462.4
 800.0    0.15    0.11   34.88   28.02    10.4   0.401  1463.0

                                              DEPTH      TEMP.       SALIN

                          BOT NUM = 1           2.8                  30.39
                          BOT NUM = 2         300.3                  34.63
                          BOT NUM = 3         700.2                  34.87
                          BOT NUM = 4         729.4                  34.88
                          BOT NUM = 5         900.1                  34.88
                          BOT NUM = 6        1000.0      -0.08       34.90
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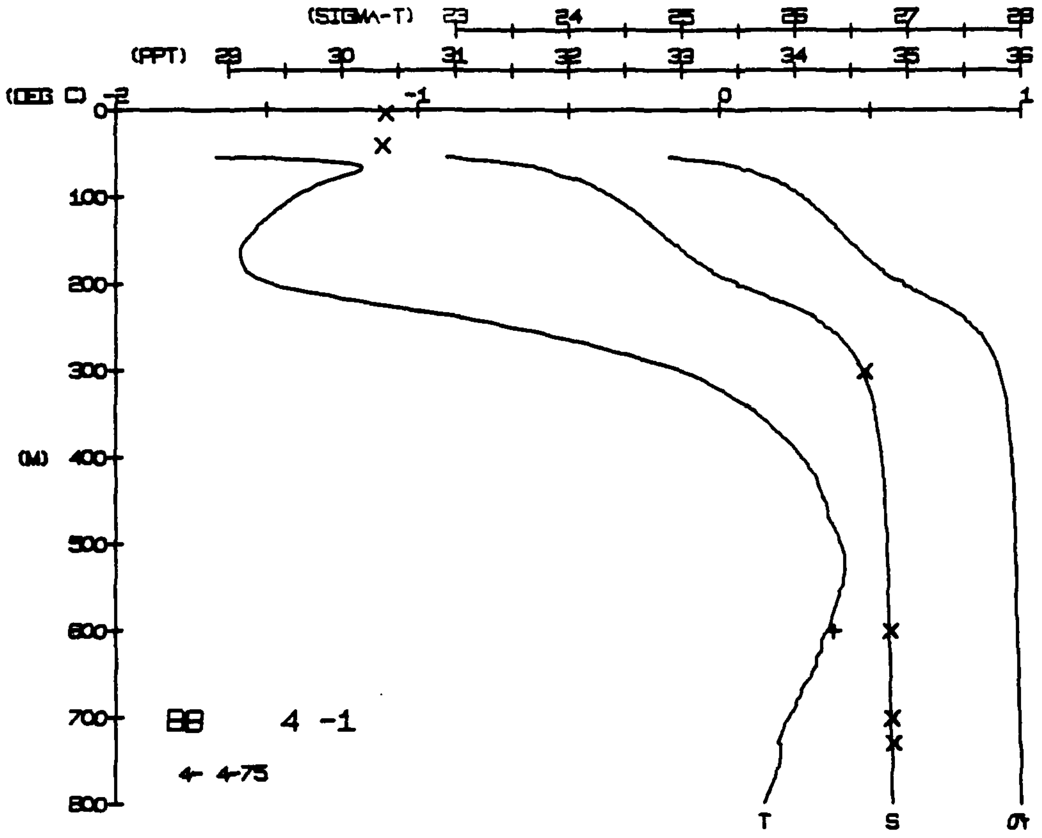

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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
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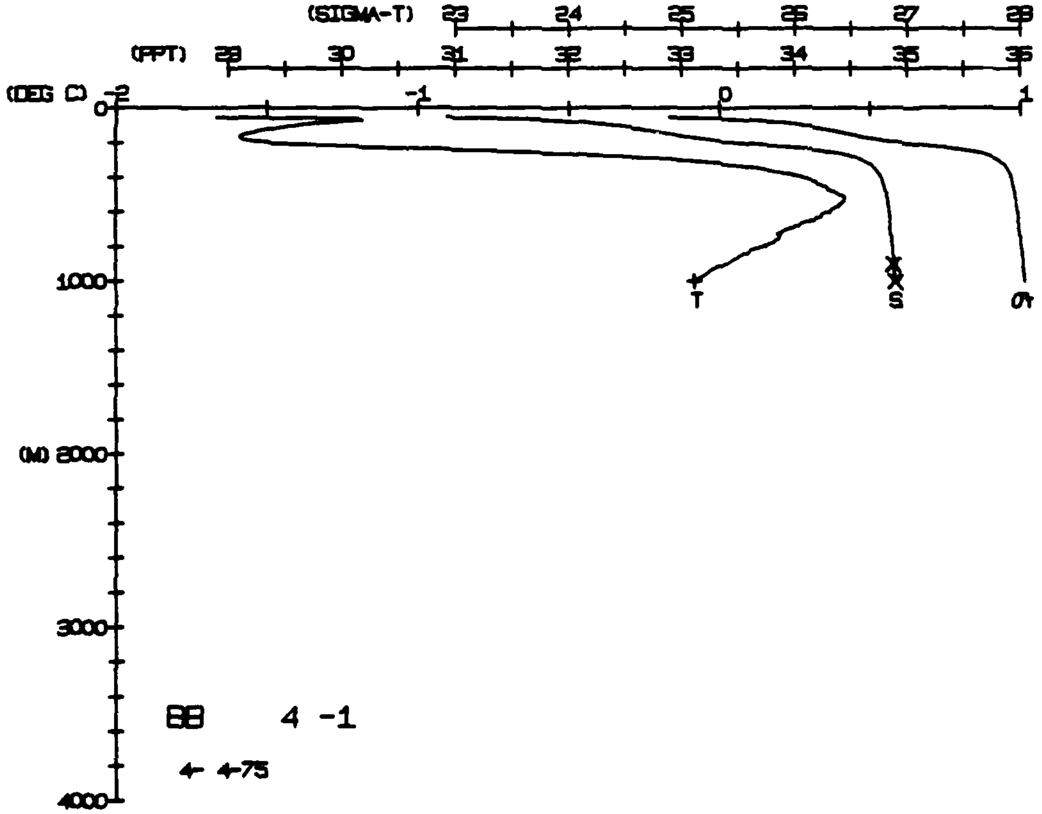

(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 1000 2000 3000 4000
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BB 4 -1
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                      BIG BEAR STATION   5(1) STD    5/APR/1975  627 GMT  CODE = 2
                        LAT =          N LNG =       W LTER =         LGER =
                        AIR TEMP =         BAROM =      WIND =         SPEED =

  DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND            DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

    0.0   -1.76   -1.76   30.35   24.43   350.9   0.000  1434.5            850.0    0.06    0.02   34.92   28.06     6.8   0.582  1463.5
    3.0   -1.76   -1.76   30.35   24.43   350.9   0.011  1434.5            900.0    0.01   -0.03   34.91   28.06     6.7   0.586  1464.1
    5.0   -1.76   -1.76   30.35   24.43   350.6   0.018  1434.5            950.0   -0.02   -0.07   34.91   28.05     6.7   0.589  1464.7
   10.0   -1.76   -1.76   30.36   24.44   350.1   0.035  1434.6           1000.0   -0.07   -0.11   34.90   28.05     6.7   0.592  1465.4
   15.0   -1.77   -1.77   30.36   24.44   349.9   0.053  1434.7           1003.7   -0.07   -0.12   34.90   28.05     6.7   0.593  1465.4
   20.0   -1.77   -1.77   30.36   24.44   349.6   0.071  1434.8
   25.0   -1.77   -1.77   30.37   24.44   349.4   0.088  1434.9
   30.0   -1.76   -1.76   30.37   24.45   349.1   0.106  1435.0
   35.0   -1.77   -1.77   30.37   24.45   348.9   0.123  1435.0
   40.0   -1.76   -1.76   30.37   24.45   348.7   0.141  1435.2
   45.0   -1.76   -1.76   30.37   24.45   348.5   0.158  1435.2
   50.0   -1.76   -1.76   30.37   24.45   348.4   0.176  1435.3
   55.0   -1.38   -1.39   30.91   24.87   308.0   0.193  1437.9
   60.0   -1.25   -1.25   31.20   25.11   285.7   0.207  1439.1
   65.0   -1.23   -1.24   31.58   25.42   256.2   0.221  1439.8
   70.0   -1.24   -1.24   31.76   25.56   242.7   0.234  1440.1
   80.0   -1.32   -1.32   32.05   25.80   220.0   0.257  1440.3
   90.0   -1.39   -1.39   32.24   25.95   205.4   0.278  1440.3
  100.0   -1.45   -1.45   32.38   26.07   194.2   0.299  1440.4
  110.0   -1.49   -1.49   32.50   26.16   185.1   0.318  1440.6
  120.0   -1.53   -1.53   32.61   26.26   176.4   0.336  1440.7
  130.0   -1.55   -1.56   32.70   26.33   169.1   0.353  1440.9
  140.0   -1.57   -1.57   32.80   26.41   161.7   0.370  1441.1
  150.0   -1.59   -1.60   32.88   26.48   155.1   0.386  1441.3
  160.0   -1.61   -1.61   32.98   26.55   147.8   0.401  1441.5
  170.0   -1.61   -1.62   33.06   26.62   141.4   0.416  1441.8
  180.0   -1.61   -1.61   33.16   26.71   133.3   0.430  1442.1
  190.0   -1.59   -1.60   33.28   26.80   124.6   0.443  1442.5
  200.0   -1.54   -1.54   33.40   26.90   115.2   0.455  1443.1
  210.0   -1.43   -1.43   33.58   27.04   101.4   0.466  1444.1
  220.0   -1.29   -1.29   33.76   27.18    88.5   0.475  1445.1
  230.0   -1.12   -1.13   33.94   27.32    74.9   0.484  1446.3
  240.0   -0.95   -0.95   34.11   27.45    62.8   0.491  1447.6
  250.0   -0.77   -0.78   34.26   27.57    52.2   0.496  1448.8
  260.0   -0.63   -0.64   34.36   27.64    45.1   0.501  1449.7
  270.0   -0.52   -0.52   34.45   27.71    38.8   0.506  1450.5
  280.0   -0.40   -0.41   34.52   27.76    34.4   0.509  1451.3
  290.0   -0.28   -0.29   34.57   27.79    31.0   0.513  1452.1
  300.0   -0.20   -0.21   34.61   27.82    28.3   0.516  1452.7
  310.0   -0.13   -0.14   34.65   27.85    25.9   0.518  1453.2
  320.0   -0.07   -0.08   34.68   27.87    24.2   0.521  1453.7
  330.0   -0.01   -0.02   34.71   27.89    22.2   0.523  1454.2
  340.0    0.03    0.02   34.73   27.91    20.7   0.525  1454.6
  350.0    0.08    0.07   34.75   27.92    19.4   0.527  1455.0
  370.0    0.15    0.14   34.78   27.94    17.6   0.531  1455.7
  390.0    0.21    0.20   34.80   27.95    16.3   0.535  1456.3
  410.0    0.25    0.23   34.82   27.97    15.1   0.538  1456.9
  430.0    0.29    0.27   34.83   27.98    14.3   0.541  1457.4
  450.0    0.31    0.29   34.85   27.98    13.7   0.544  1457.9
  470.0    0.34    0.32   34.85   27.99    13.2   0.546  1458.3
  490.0    0.36    0.34   34.86   28.00    12.6   0.549  1458.8
  510.0    0.38    0.36   34.87   28.00    12.2   0.551  1459.2
  530.0    0.38    0.36   34.88   28.01    11.8   0.554  1459.6
  550.0    0.37    0.35   34.89   28.01    11.1   0.556  1459.9
  570.0    0.36    0.34   34.89   28.02    10.7   0.558  1460.1
  590.0    0.34    0.31   34.89   28.02    10.3   0.560  1460.4
  610.0    0.31    0.29   34.90   28.03     9.9   0.563  1460.6
  630.0    0.30    0.28   34.90   28.03     9.6   0.564  1460.9
  650.0    0.27    0.24   34.90   28.03     9.3   0.566  1461.1
  670.0    0.25    0.22   34.90   28.04     9.0   0.568  1461.3
  690.0    0.22    0.19   34.91   28.04     8.6   0.570  1461.5
  710.0    0.20    0.16   34.91   28.04     8.3   0.572  1461.7
  730.0    0.17    0.14   34.91   28.04     8.1   0.573  1462.0
  750.0    0.16    0.12   34.91   28.05     7.5   0.575  1462.2
  800.0    0.11    0.08   34.92   28.05     7.1   0.579  1462.9

                                                  DEPTH       TEMP.       SALIN

                                BUT NUM = 1        52.1                   30.36
                                BUT NUM = 2       102.6                   32.39
                                BUT NUM = 3       503.9                   34.83
                                BUT NUM = 4       603.7        0.40       34.88
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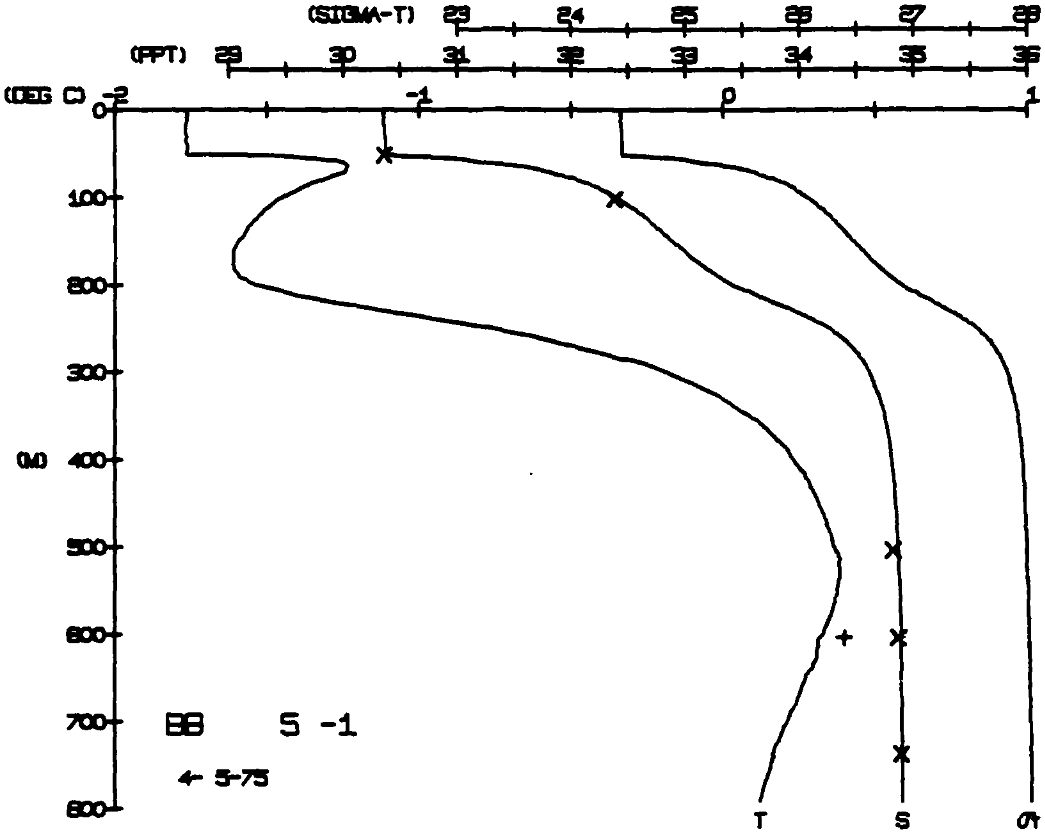
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(DEG C) -2 -1 0 1
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200
300
(M) 400
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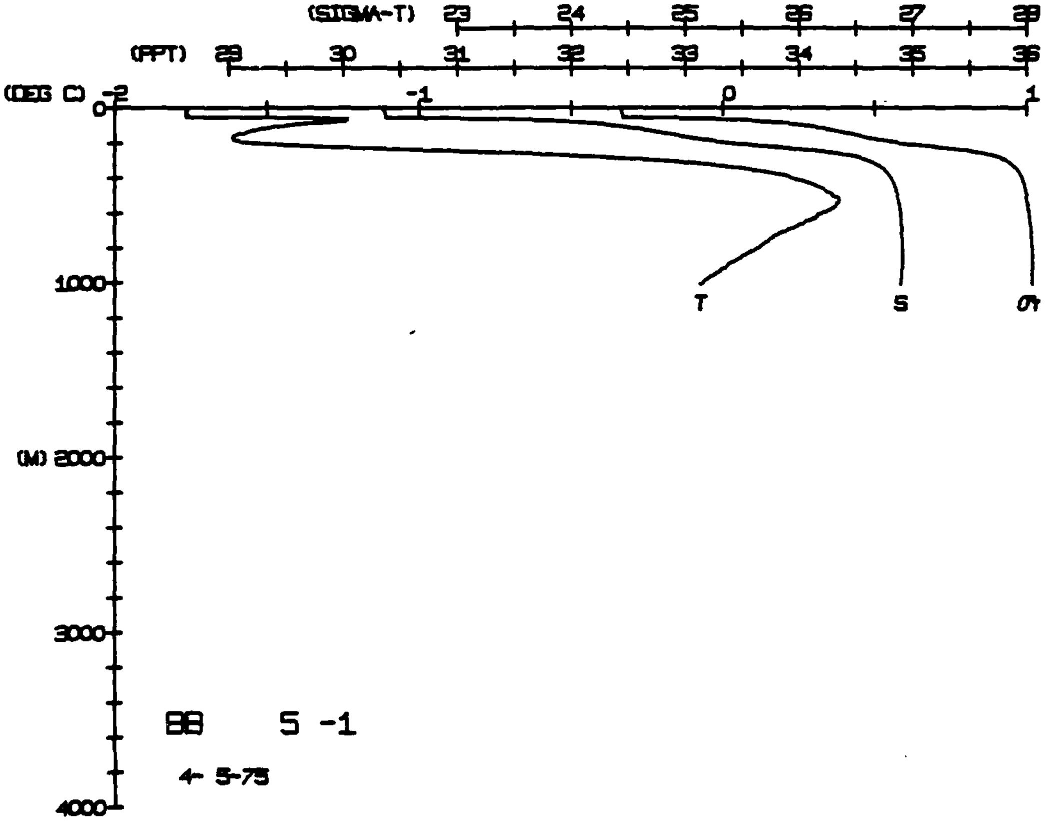
600
700
800
T
S
σT
BB 5 -1
4- 5-75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(PPT) 29 30 31 32 33 34 35 36
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1000
(M) 2000
3000
4000
T
S
σT
BB 5 -1
4- 5-75

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BIG BEAR STATION    6(1) STD    6/APR/1975   613 GMT   CODE = 2
LAT =          N LNG =          W LTER =          LGER =
AIR TEMP =          BARUM =          WIND =          SPEED =

 DEPTH     TEMP    PTEMP    SALIN    SIG T    SPVUL    DYNHT    SOUND

   0.0    -1.69    -1.69    30.36    24.44    350.1    0.000   1434.8
   5.0    -1.69    -1.69    30.36    24.44    350.1    0.018   1434.9
   5.9    -1.69    -1.69    30.36    24.44    350.1    0.021   1434.9
  10.0    -1.69    -1.69    30.36    24.44    349.8    0.035   1435.0
  15.0    -1.69    -1.69    30.36    24.44    349.7    0.053   1435.1
  20.0    -1.69    -1.69    30.37    24.44    349.5    0.070   1435.1
  25.0    -1.69    -1.69    30.37    24.44    349.3    0.088   1435.2
  30.0    -1.69    -1.69    30.37    24.44    349.2    0.106   1435.3
  35.0    -1.70    -1.70    30.37    24.45    349.0    0.123   1435.4
  40.0    -1.70    -1.70    30.37    24.45    348.8    0.141   1435.5
  45.0    -1.69    -1.70    30.37    24.45    348.7    0.158   1435.5
  50.0    -1.69    -1.69    30.37    24.45    348.7    0.176   1435.7
  55.0    -1.62    -1.62    30.39    24.46    347.5    0.193   1436.1
  60.0    -1.26    -1.26    30.98    24.93    302.8    0.210   1438.7
  65.0    -1.13    -1.13    31.37    25.24    273.0    0.224   1439.9
  70.0    -1.13    -1.13    31.67    25.48    250.0    0.238   1440.5
  80.0    -1.23    -1.23    31.99    25.75    224.9    0.261   1440.6
  90.0    -1.32    -1.32    32.21    25.93    207.9    0.283   1440.7
 100.0    -1.38    -1.38    32.37    26.06    195.5    0.304   1440.7
 110.0    -1.43    -1.43    32.50    26.16    185.3    0.323   1440.9
 120.0    -1.46    -1.46    32.60    26.25    177.0    0.341   1441.0
 130.0    -1.49    -1.49    32.70    26.33    169.2    0.359   1441.2
 140.0    -1.52    -1.52    32.79    26.40    162.1    0.375   1441.4
 150.0    -1.53    -1.53    32.88    26.48    155.1    0.391   1441.6
 160.0    -1.54    -1.55    32.99    26.56    147.1    0.407   1441.8
 170.0    -1.54    -1.55    33.07    26.63    140.3    0.421   1442.1
 180.0    -1.53    -1.53    33.17    26.71    132.7    0.435   1442.5
 190.0    -1.50    -1.51    33.28    26.80    124.3    0.448   1443.0
 200.0    -1.43    -1.44    33.42    26.91    113.8    0.460   1443.6
 210.0    -1.30    -1.30    33.64    27.08     97.5    0.470   1444.8
 220.0    -1.15    -1.16    33.81    27.22     84.8    0.480   1445.8
 230.0    -0.99    -0.99    34.00    27.36     71.3    0.488   1447.0
 240.0    -0.82    -0.83    34.14    27.47     61.0    0.494   1448.2
 250.0    -0.66    -0.66    34.28    27.58     51.4    0.500   1449.3
 260.0    -0.51    -0.52    34.38    27.65     44.6    0.505   1450.3
 270.0    -0.38    -0.39    34.46    27.71     38.9    0.509   1451.2
 280.0    -0.26    -0.27    34.52    27.75     35.1    0.513   1452.0
 290.0    -0.17    -0.18    34.57    27.79     31.8    0.516   1452.6
 300.0    -0.09    -0.10    34.61    27.82     28.8    0.519   1453.2
 310.0    -0.02    -0.03    34.65    27.85     26.4    0.522   1453.8
 320.0     0.03     0.02    34.68    27.86     24.6    0.525   1454.2
 330.0     0.09     0.07    34.70    27.88     23.2    0.527   1454.6
 340.0     0.14     0.12    34.72    27.89     22.0    0.529   1455.1
 350.0     0.18     0.17    34.74    27.91     20.9    0.531   1455.5
 370.0     0.25     0.23    34.77    27.92     19.2    0.535   1456.1
 390.0     0.30     0.28    34.79    27.94     17.8    0.539   1456.7
 410.0     0.35     0.33    34.81    27.95     16.9    0.543   1457.3
 430.0     0.38     0.36    34.82    27.96     16.1    0.546   1457.8
 450.0     0.41     0.39    34.83    27.97     15.6    0.549   1458.3
 470.0     0.42     0.40    34.84    27.97     14.9    0.552   1458.7
 490.0     0.45     0.43    34.85    27.98     14.3    0.555   1459.1
 510.0     0.45     0.43    34.85    27.98     14.1    0.558   1459.5
 530.0     0.45     0.42    34.86    27.99     13.7    0.561   1459.8
 550.0     0.44     0.42    34.86    27.99     13.3    0.564   1460.1
 570.0     0.43     0.40    34.87    28.00     12.9    0.566   1460.4
 590.0     0.41     0.38    34.87    28.00     12.4    0.569   1460.6
 610.0     0.39     0.36    34.87    28.00     12.1    0.571   1460.9
 630.0     0.36     0.33    34.88    28.01     11.6    0.574   1461.1
 650.0     0.33     0.31    34.88    28.01     11.5    0.576   1461.3
 670.0     0.31     0.28    34.88    28.01     11.1    0.578   1461.6
 690.0     0.28     0.25    34.88    28.02     10.8    0.581   1461.8
 710.0     0.26     0.23    34.88    28.02     10.5    0.583   1462.0
 729.9     0.22     0.19    34.89    28.02     10.1    0.585   1462.2

                           DEPTH       TEMP.       SALIN

      BOT NUM = 1            5.1       -1.66       30.40
      BOT NUM = 2           51.8                   30.38
      BOT NUM = 3          151.5                   32.89
      BOT NUM = 4          301.3                   34.64
      BOT NUM = 5          729.9                   34.89
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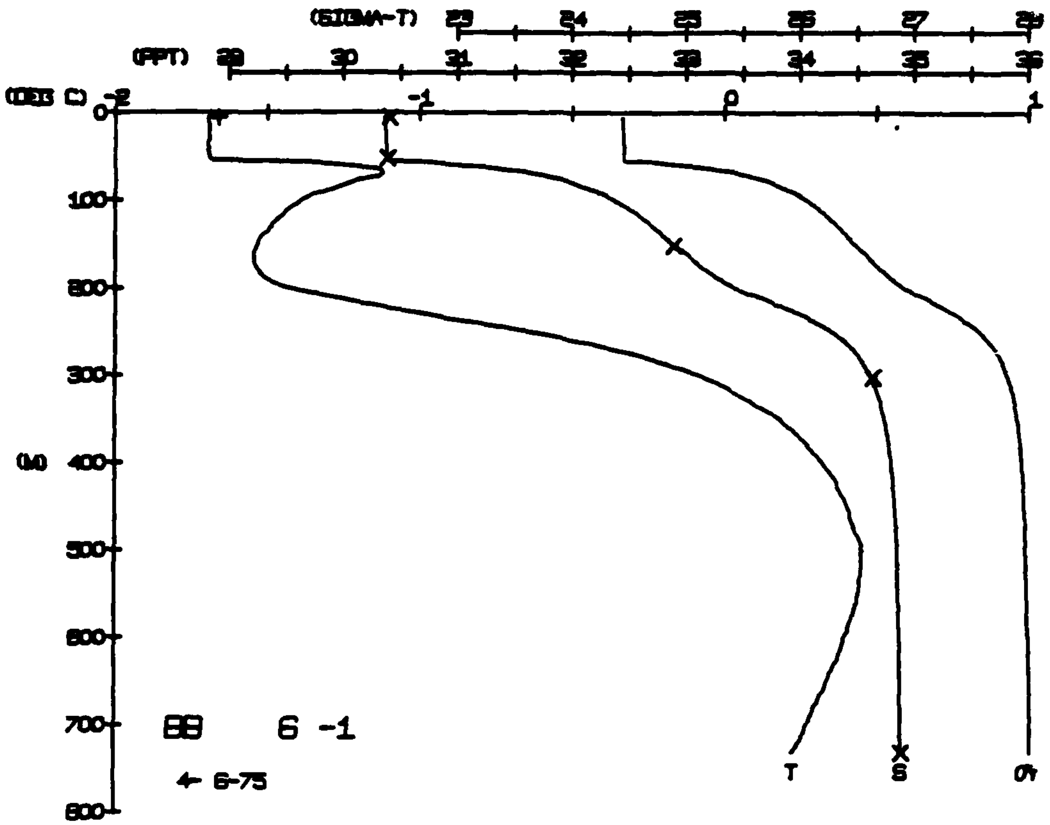

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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 6 -1
4- 6-75
T
S
σt

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                                    BIG BEAR STATION    7(1) STD    6/APR/1975 1746 GMT  CODE = 2
                                     LAT =          N LNG =         W LTER =          LGER =
                                     AIR TEMP =          BARUM =        WIND =         SPEED =

DEPTH   TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND              DEPTH   TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0  -1.72   -1.72   30.35   24.43   351.1   0.000  1434.7              850.0   0.06    0.02   34.89   28.03     8.9   0.599  1463.4
  3.0  -1.72   -1.72   30.35   24.43   351.0   0.013  1434.7              900.0   0.01   -0.03   34.89   28.04     8.2   0.604  1464.0
  5.0  -1.72   -1.72   30.35   24.43   350.9   0.018  1434.7              950.0  -0.04   -0.08   34.89   28.04     8.0   0.608  1464.6
 10.0  -1.72   -1.72   30.35   24.43   350.8   0.035  1434.8
 15.0  -1.72   -1.72   30.35   24.43   350.7   0.053  1434.9
 20.0  -1.72   -1.72   30.35   24.43   350.5   0.071  1435.0
 25.0  -1.72   -1.72   30.35   24.43   350.5   0.088  1435.1
 30.0  -1.72   -1.72   30.35   24.43   350.4   0.106  1435.1
 35.0  -1.72   -1.72   30.35   24.43   350.5   0.124  1435.2
 40.0  -1.72   -1.72   30.35   24.43   350.2   0.141  1435.3
 45.0  -1.72   -1.72   30.35   24.43   350.0   0.159  1435.4
 50.0  -1.72   -1.72   30.35   24.43   350.1   0.177  1435.5
 55.0  -1.67   -1.62   30.37   24.45   348.8   0.194  1436.1
 60.0  -1.27   -1.27   31.02   24.97   299.1   0.210  1438.7
 65.0  -1.18   -1.18   31.34   25.22   275.0   0.225  1439.7
 70.0  -1.16   -1.16   31.65   25.47   251.7   0.238  1440.3
 80.0  -1.24   -1.24   31.93   25.70   229.4   0.262  1440.5
 90.0  -1.34   -1.34   32.18   25.91   209.7   0.285  1440.5
100.0  -1.40   -1.40   32.39   26.05   196.2   0.305  1440.7
110.0  -1.44   -1.45   32.47   26.14   187.7   0.324  1440.8
120.0  -1.49   -1.48   32.58   26.23   178.8   0.343  1440.9
130.0  -1.51   -1.52   32.69   26.32   170.2   0.360  1441.1
140.0  -1.53   -1.53   32.79   26.40   162.8   0.377  1441.3
150.0  -1.55   -1.55   32.87   26.47   155.8   0.393  1441.5
160.0  -1.56   -1.56   32.97   26.55   148.4   0.409  1441.7
170.0  -1.56   -1.56   33.07   26.63   140.5   0.423  1442.1
180.0  -1.54   -1.55   33.17   26.71   132.9   0.437  1442.4
190.0  -1.52   -1.52   33.28   26.80   124.5   0.450  1442.9
200.0  -1.46   -1.46   33.42   26.91   114.3   0.462  1443.5
210.0  -1.34   -1.34   33.58   27.04   102.1   0.473  1444.5
220.0  -1.21   -1.22   33.77   27.18    89.3   0.483  1445.5
230.0  -1.00   -1.01   33.97   27.34    73.3   0.491  1446.9
240.0  -0.81   -0.82   34.15   27.48    60.6   0.498  1448.2
250.0  -0.66   -0.66   34.28   27.58    51.2   0.503  1449.3
260.0  -0.53   -0.54   34.37   27.65    44.8   0.508  1450.2
270.0  -0.40   -0.41   34.45   27.71    39.2   0.512  1451.0
280.0  -0.30   -0.31   34.50   27.74    35.9   0.516  1451.8
290.0  -0.20   -0.21   34.56   27.78    32.6   0.520  1452.4
300.0  -0.12   -0.13   34.59   27.80    30.1   0.523  1453.1
310.0  -0.03   -0.04   34.64   27.84    27.4   0.526  1453.7
320.0   0.03    0.02   34.67   27.86    25.3   0.528  1454.2
330.0   0.09    0.08   34.70   27.88    23.4   0.531  1454.7
340.0   0.14    0.12   34.72   27.90    21.8   0.533  1455.1
350.0   0.18    0.16   34.74   27.91    20.6   0.535  1455.4
370.0   0.25    0.23   34.77   27.93    18.8   0.539  1456.1
390.0   0.29    0.27   34.79   27.94    17.4   0.543  1456.7
410.0   0.32    0.30   34.81   27.96    16.4   0.546  1457.2
430.0   0.35    0.34   34.82   27.96    15.8   0.549  1457.7
450.0   0.38    0.36   34.83   27.97    15.2   0.553  1458.1
470.0   0.40    0.38   34.84   27.97    14.8   0.556  1458.6
490.0   0.42    0.40   34.85   27.98    14.2   0.559  1459.0
510.0   0.42    0.40   34.85   27.98    13.9   0.561  1459.4
530.0   0.42    0.40   34.86   27.99    13.3   0.564  1459.7
550.0   0.42    0.39   34.86   27.99    13.1   0.567  1460.0
570.0   0.40    0.37   34.86   27.99    12.9   0.569  1460.3
590.0   0.38    0.35   34.87   28.00    12.6   0.572  1460.5
610.0   0.36    0.34   34.87   28.00    12.0   0.575  1460.8
630.0   0.34    0.31   34.88   28.01    11.6   0.577  1461.0
650.0   0.32    0.29   34.88   28.01    11.3   0.579  1461.3
670.0   0.28    0.25   34.88   28.01    11.0   0.581  1461.4
690.0   0.26    0.23   34.88   28.02    10.8   0.584  1461.7
710.0   0.23    0.20   34.88   28.02    10.4   0.586  1461.9
730.0   0.21    0.18   34.89   28.02    10.1   0.588  1462.1
750.0   0.18    0.14   34.89   28.02     9.9   0.590  1462.3
800.0   0.12    0.08   34.89   28.03     9.4   0.595  1462.9
                                                       DEPTH        TEMP.       SALIN

                                      BUT NUM = 1        6.0                    30.38
                                      BUT NUM = 2      375.4                    34.81
                                      BUT NUM = 3      728.8         0.23       34.91
                                      BUT NUM = 4      995.0        -0.07
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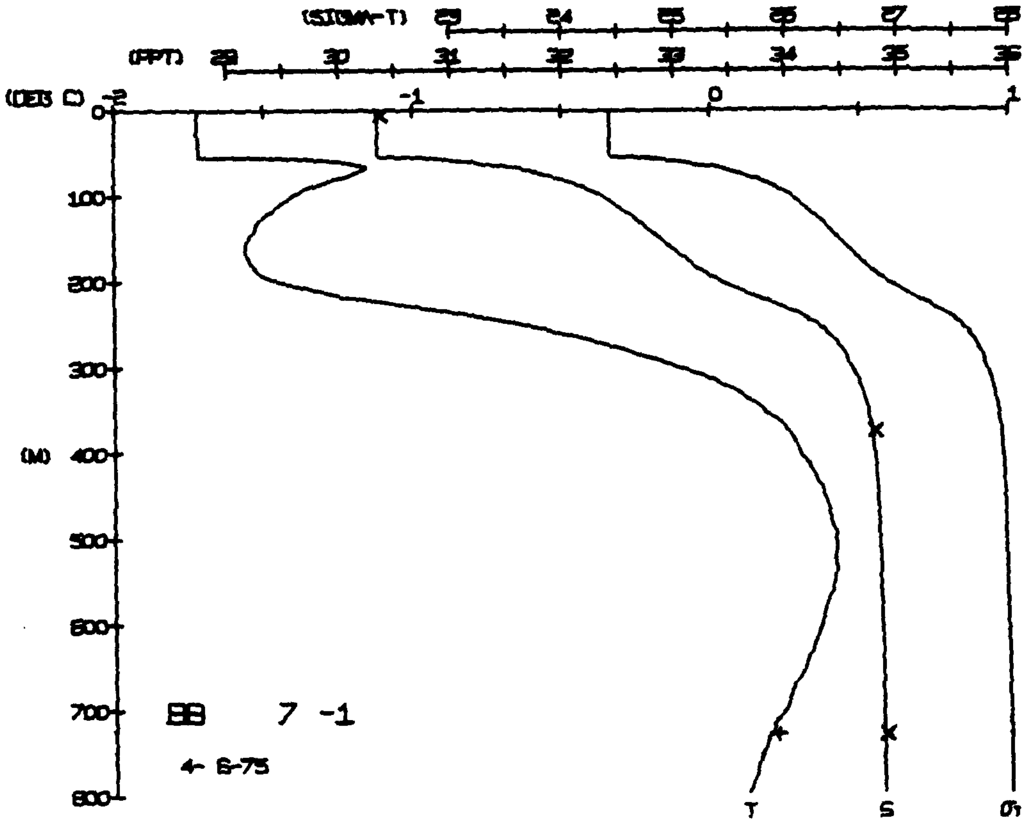
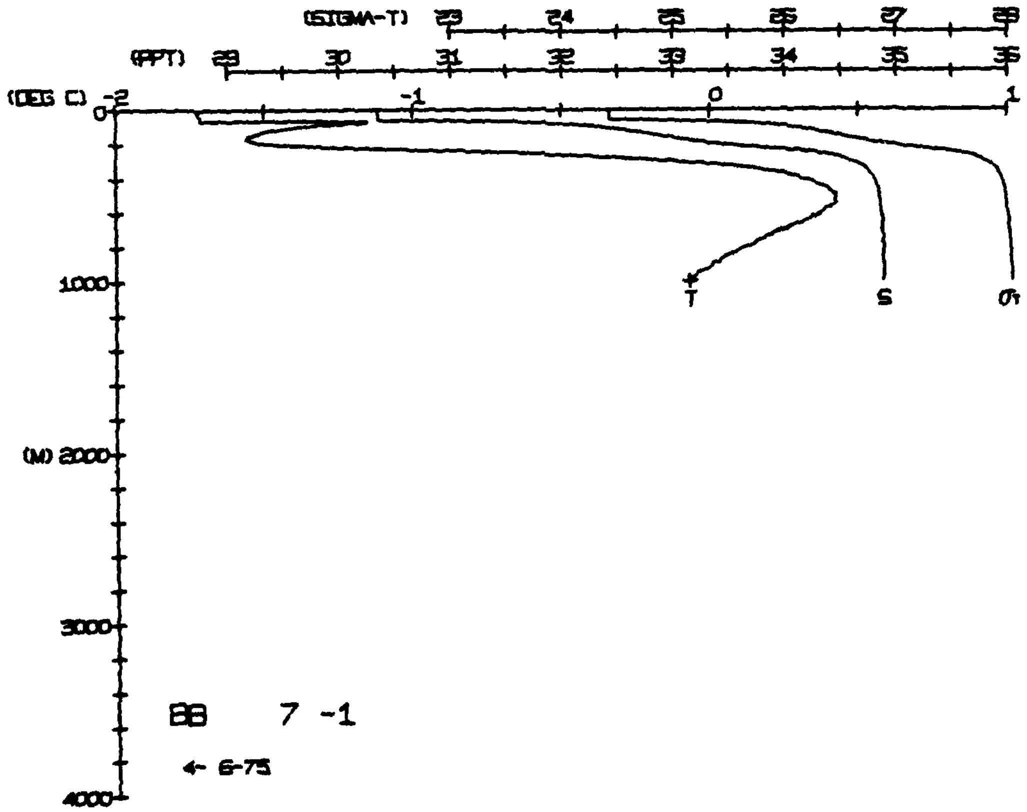

(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 7 -1
4- 6-75
T
S
σt


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
1000
(M) 2000
3000
4000
BB 7 -1
4- 6-75
T
S
σt

```
                                BIG BEAR STATION   8(1) STD    7/APR/1975   517 GMT  CODE = 2
                                 LAT =          N LNG =       W LTER =           LGER =
                                 AIR TEMP =       BARUN =        WIND =         SPEED =

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DINHT   SOUND              DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.76   -1.76   30.35   24.43   350.6   0.000   1434.5             850.0    0.04    0.00   34.88   28.03     9.0   0.590   1463.3
   3.0   -1.76   -1.76   30.35   24.43   350.6   0.011   1434.5             900.0    0.00   -0.05   34.88   28.03     8.7   0.594   1464.0
   5.0   -1.76   -1.76   30.35   24.43   350.5   0.018   1434.6             950.0   -0.04   -0.08   34.88   28.03     8.5   0.598   1464.6
  10.0   -1.76   -1.76   30.36   24.44   350.2   0.035   1434.7             979.9   -0.06   -0.11   34.88   28.03     8.5   0.601   1465.0
  15.0   -1.75   -1.75   30.36   24.44   350.0   0.053   1434.8
  20.0   -1.76   -1.76   30.36   24.44   349.9   0.071   1434.8
  25.0   -1.76   -1.76   30.36   24.44   349.8   0.088   1434.9
  30.0   -1.76   -1.76   30.36   24.44   349.7   0.106   1435.0
  35.0   -1.75   -1.75   30.36   24.44   349.6   0.123   1435.1
  40.0   -1.75   -1.76   30.36   24.44   349.5   0.141   1435.2
  45.0   -1.76   -1.76   30.36   24.44   349.4   0.159   1435.2
  50.0   -1.76   -1.76   30.36   24.44   349.3   0.176   1435.3
  55.0   -1.70   -1.70   30.76   24.76   319.0   0.193   1436.2
  60.0   -1.36   -1.36   31.07   25.01   295.5   0.209   1438.1
  65.0   -1.26   -1.26   31.41   25.28   269.7   0.223   1439.4
  70.0   -1.21   -1.21   31.67   25.49   249.6   0.236   1440.1
  80.0   -1.28   -1.28   31.99   25.75   224.6   0.260   1440.4
  90.0   -1.37   -1.37   32.21   25.93   207.5   0.282   1440.4
 100.0   -1.43   -1.43   32.35   26.04   196.6   0.302   1440.5
 110.0   -1.48   -1.48   32.49   26.16   186.0   0.321   1440.6
 120.0   -1.52   -1.52   32.61   26.26   176.0   0.339   1440.8
 130.0   -1.55   -1.55   32.70   26.33   169.6   0.357   1440.9
 140.0   -1.57   -1.57   32.81   26.42   160.6   0.374   1441.1
 150.0   -1.59   -1.59   32.91   26.50   153.1   0.389   1441.3
 160.0   -1.60   -1.61   33.00   26.57   145.8   0.404   1441.6
 170.0   -1.60   -1.61   33.11   26.66   137.8   0.419   1441.9
 180.0   -1.59   -1.60   33.20   26.73   130.9   0.432   1442.2
 190.0   -1.56   -1.57   33.33   26.84   120.8   0.445   1442.7
 200.0   -1.51   -1.51   33.46   26.95   110.5   0.457   1443.3
 210.0   -1.41   -1.41   33.62   27.07    98.6   0.467   1444.2
 220.0   -1.26   -1.27   33.82   27.23    83.9   0.476   1445.3
 230.0   -1.11   -1.12   34.00   27.37    70.8   0.484   1446.5
 240.0   -0.95   -0.95   34.16   27.49    59.1   0.491   1447.6
 250.0   -0.76   -0.77   34.31   27.60    48.9   0.496   1448.9
 260.0   -0.61   -0.62   34.38   27.66    43.2   0.501   1449.8
 270.0   -0.50   -0.51   34.45   27.71    39.2   0.505   1450.6
 280.0   -0.39   -0.40   34.52   27.76    34.3   0.509   1451.4
 290.0   -0.29   -0.30   34.57   27.79    31.2   0.512   1452.1
 300.0   -0.19   -0.21   34.61   27.82    28.3   0.515   1452.7
 310.0   -0.13   -0.14   34.64   27.85    26.2   0.518   1453.3
 320.0   -0.07   -0.08   34.68   27.87    24.2   0.520   1453.7
 330.0   -0.01   -0.02   34.70   27.88    22.8   0.523   1454.2
 340.0    0.05    0.03   34.72   27.90    21.5   0.525   1454.7
 350.0    0.10    0.08   34.74   27.91    20.0   0.527   1455.1
 370.0    0.19    0.18   34.78   27.94    17.5   0.531   1455.9
 390.0    0.24    0.22   34.80   27.95    16.4   0.534   1456.5
 410.0    0.29    0.27   34.82   27.96    15.6   0.538   1457.0
 430.0    0.31    0.29   34.82   27.97    15.3   0.541   1457.5
 450.0    0.33    0.31   34.83   27.97    14.7   0.544   1457.9
 470.0    0.35    0.33   34.84   27.98    14.2   0.547   1458.3
 490.0    0.36    0.34   34.85   27.98    13.8   0.549   1458.7
 510.0    0.36    0.34   34.85   27.99    13.3   0.552   1459.1
 530.0    0.36    0.34   34.86   27.99    13.2   0.555   1459.4
 550.0    0.35    0.32   34.86   27.99    13.0   0.558   1459.7
 570.0    0.32    0.29   34.86   28.00    12.6   0.560   1459.9
 590.0    0.31    0.28   34.87   28.00    12.2   0.563   1460.2
 610.0    0.29    0.26   34.87   28.00    11.9   0.565   1460.4
 630.0    0.26    0.23   34.87   28.01    11.4   0.567   1460.6
 650.0    0.24    0.21   34.88   28.01    11.1   0.570   1460.9
 670.0    0.21    0.18   34.88   28.01    10.8   0.572   1461.1
 690.0    0.19    0.16   34.88   28.02    10.5   0.574   1461.3
 710.0    0.16    0.13   34.88   28.02    10.1   0.576   1461.5
 730.0    0.13    0.09   34.88   28.02     9.8   0.578   1461.7
 750.0    0.13    0.09   34.88   28.02     9.8   0.580   1462.1
 800.0    0.08    0.04   34.88   28.03     9.4   0.585   1462.7

                                                     DEPTH        TEMP.        SALIN

                                   BUT NUM = 1       431.8                     34.86
                                   BUT NUM = 2       732.6         0.22        34.91
                                   BUT NUM = 3       979.4        -0.06        34.90
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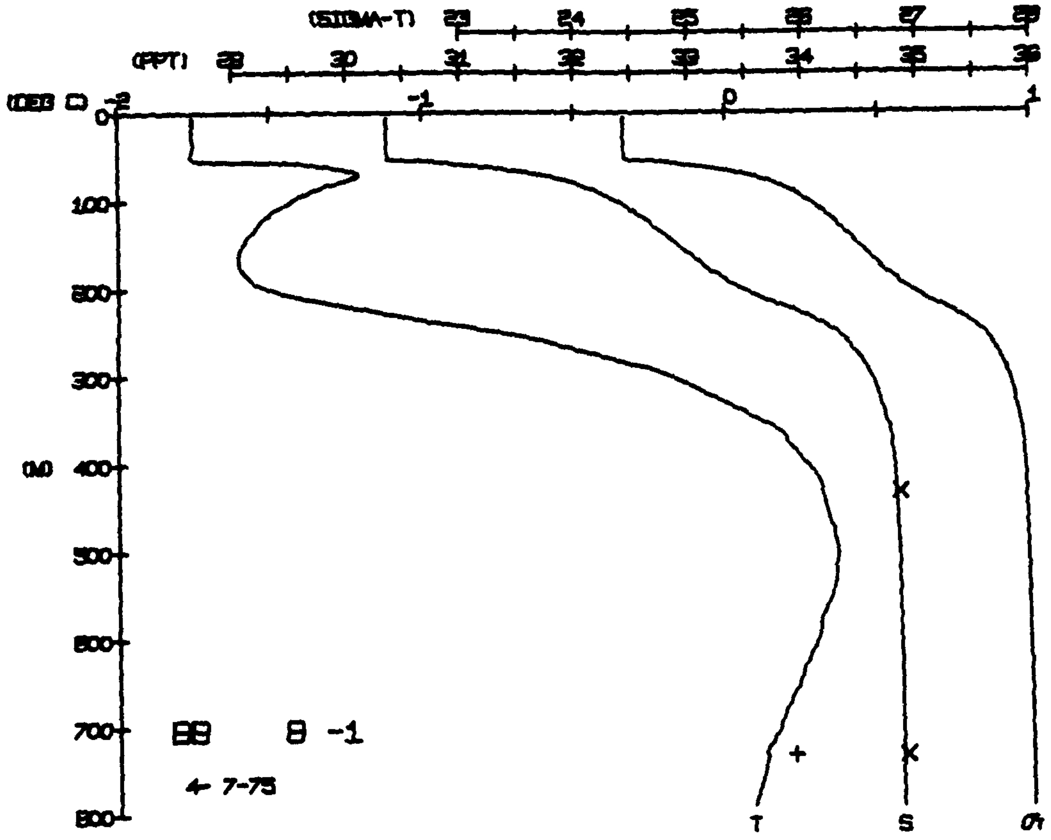
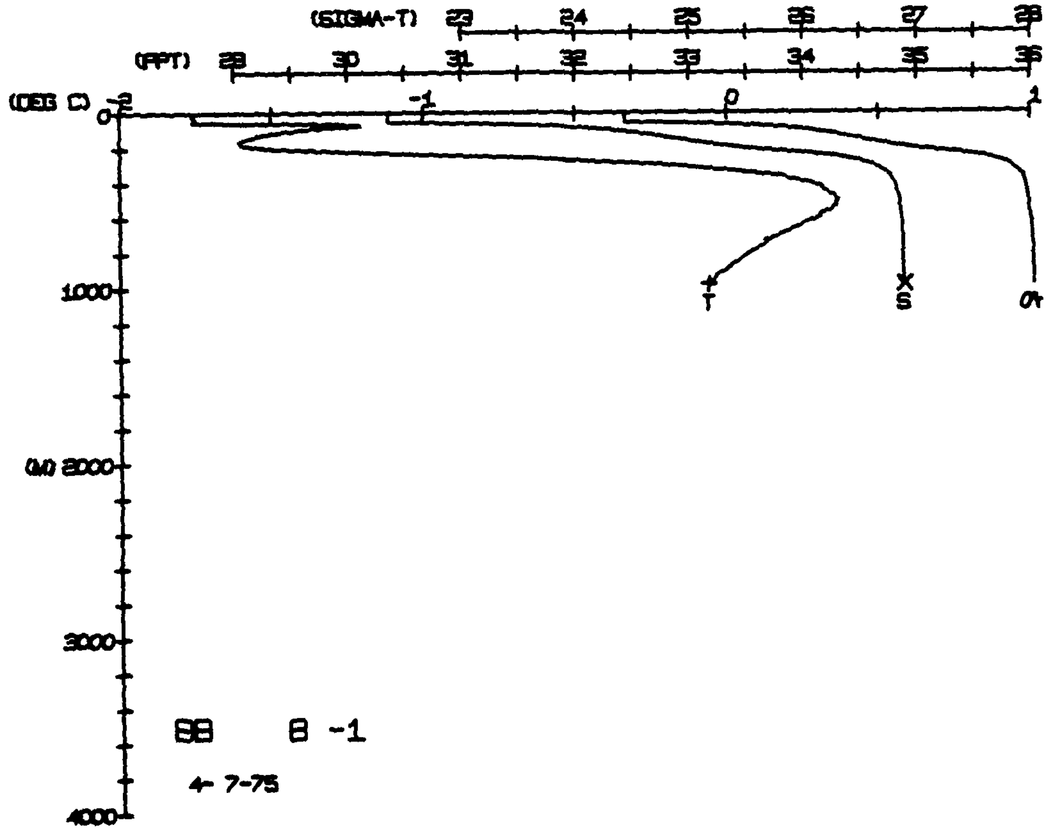

(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB B -1
4-7-75
T
S
σt


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
1000
(M) 2000
3000
4000
BB B -1
4-7-75
T
S
σt

```
                              BIG BEAR STATION   9(1) STD    7/APR/1975 1752 GMT  CODE = 2
                               LAT =          N LNG =        W LTER =        LGER =
                               AIR TEMP =       BARUM =         WIND =          SPEED =

 DEPTH   TEMP   PTEMP  SALIN  SIG T  SPVUL  DYNHT  SOUND            DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVUL  DYNHT  SOUND

   0.0  -1.73  -1.73  30.34  24.42  351.5  0.000  1434.6            850.0   0.07   0.03  34.88  28.03    9.1  0.587  1463.5
   3.0  -1.73  -1.73  30.34  24.42  351.5  0.013  1434.7            900.0   0.02  -0.02  34.88  28.03    8.8  0.591  1464.1
   5.0  -1.73  -1.73  30.34  24.42  351.5  0.018  1434.7            950.0  -0.03  -0.08  34.88  28.03    8.5  0.595  1464.7
  10.0  -1.73  -1.73  30.34  24.43  351.3  0.035  1434.8
  15.0  -1.73  -1.73  30.34  24.42  351.3  0.053  1434.9
  20.0  -1.73  -1.73  30.34  24.42  351.2  0.071  1434.9
  25.0  -1.73  -1.73  30.34  24.42  351.1  0.088  1435.0
  30.0  -1.73  -1.73  30.34  24.43  351.0  0.106  1435.1
  35.0  -1.73  -1.73  30.35  24.43  350.8  0.124  1435.2
  40.0  -1.73  -1.73  30.35  24.43  350.7  0.141  1435.3
  45.0  -1.73  -1.73  30.35  24.43  350.7  0.159  1435.4
  50.0  -1.73  -1.73  30.35  24.43  350.4  0.177  1435.4
  55.0  -1.44  -1.44  30.77  24.76  318.5  0.194  1437.5
  60.0  -1.24  -1.24  31.22  25.12  284.5  0.209  1439.2
  65.0  -1.18  -1.18  31.55  25.38  258.9  0.223  1440.0
  70.0  -1.22  -1.22  31.80  25.59  239.7  0.235  1440.2
  80.0  -1.29  -1.29  32.06  25.81  219.4  0.258  1440.4
  90.0  -1.36  -1.36  32.24  25.95  205.3  0.280  1440.5
 100.0  -1.42  -1.42  32.38  26.07  194.2  0.300  1440.6
 110.0  -1.46  -1.46  32.51  26.18  184.0  0.319  1440.7
 120.0  -1.49  -1.50  32.61  26.26  176.3  0.337  1440.9
 130.0  -1.52  -1.53  32.71  26.34  168.5  0.354  1441.1
 140.0  -1.54  -1.55  32.81  26.42  160.9  0.371  1441.3
 150.0  -1.57  -1.57  32.91  26.50  153.3  0.387  1441.5
 160.0  -1.57  -1.58  33.00  26.57  146.2  0.402  1441.7
 170.0  -1.57  -1.58  33.09  26.65  138.9  0.416  1442.0
 180.0  -1.56  -1.56  33.20  26.73  130.9  0.430  1442.4
 190.0  -1.52  -1.53  33.34  26.84  120.3  0.443  1442.9
 200.0  -1.45  -1.46  33.50  26.97  108.2  0.454  1443.7
 210.0  -1.30  -1.30  33.69  27.12   93.9  0.464  1444.8
 220.0  -1.16  -1.16  33.86  27.25   81.4  0.473  1445.9
 230.0  -1.00  -1.01  34.04  27.39   68.4  0.481  1447.0
 240.0  -0.83  -0.83  34.19  27.51   57.4  0.487  1448.2
 250.0  -0.65  -0.66  34.31  27.60   48.9  0.493  1449.4
 260.0  -0.53  -0.54  34.40  27.67   42.7  0.497  1450.2
 270.0  -0.44  -0.45  34.46  27.72   38.4  0.501  1450.9
 280.0  -0.32  -0.33  34.53  27.76   33.9  0.505  1451.7
 290.0  -0.21  -0.22  34.59  27.81   29.6  0.508  1452.5
 300.0  -0.12  -0.13  34.63  27.84   27.0  0.511  1453.1
 310.0  -0.04  -0.05  34.67  27.86   25.1  0.514  1453.7
 320.0   0.02   0.01  34.69  27.88   23.4  0.516  1454.1
 330.0   0.08   0.07  34.72  27.90   21.6  0.518  1454.6
 340.0   0.15   0.14  34.75  27.92   20.0  0.520  1455.2
 350.0   0.20   0.19  34.76  27.93   19.1  0.522  1455.6
 370.0   0.26   0.25  34.79  27.94   17.8  0.526  1456.2
 390.0   0.31   0.29  34.80  27.95   16.9  0.530  1456.8
 410.0   0.35   0.33  34.82  27.96   16.1  0.533  1457.3
 430.0   0.38   0.36  34.83  27.97   15.5  0.536  1457.8
 450.0   0.40   0.38  34.84  27.97   15.0  0.539  1458.3
 470.0   0.42   0.40  34.84  27.98   14.5  0.542  1458.7
 490.0   0.43   0.41  34.85  27.98   14.2  0.545  1459.1
 510.0   0.43   0.41  34.85  27.98   14.0  0.548  1459.4
 530.0   0.43   0.41  34.86  27.99   13.5  0.551  1459.8
 550.0   0.43   0.40  34.86  27.99   13.2  0.553  1460.1
 570.0   0.41   0.39  34.87  28.00   12.7  0.556  1460.3
 590.0   0.39   0.36  34.87  28.00   12.3  0.559  1460.6
 610.0   0.37   0.34  34.87  28.00   12.0  0.561  1460.8
 630.0   0.34   0.31  34.88  28.01   11.7  0.563  1461.0
 650.0   0.32   0.29  34.88  28.01   11.5  0.566  1461.2
 670.0   0.29   0.26  34.88  28.01   11.2  0.568  1461.4
 690.0   0.26   0.23  34.88  28.01   11.0  0.570  1461.6
 710.0   0.23   0.20  34.88  28.02   10.7  0.572  1461.9
 730.0   0.21   0.18  34.88  28.02   10.4  0.575  1462.1
 750.0   0.18   0.14  34.88  28.02   10.2  0.577  1462.3
 800.0   0.12   0.09  34.88  28.03    9.7  0.582  1462.9
                                                      DEPTH       TEMP.       SALIN

                                     BUT NUM = 1        3.0      -1.64       30.37
                                     BUT NUM = 2       51.6                  30.36
                                     BUT NUM = 3      729.3       0.23       34.88
                                     BUT NUM = 4      977.0                  34.88
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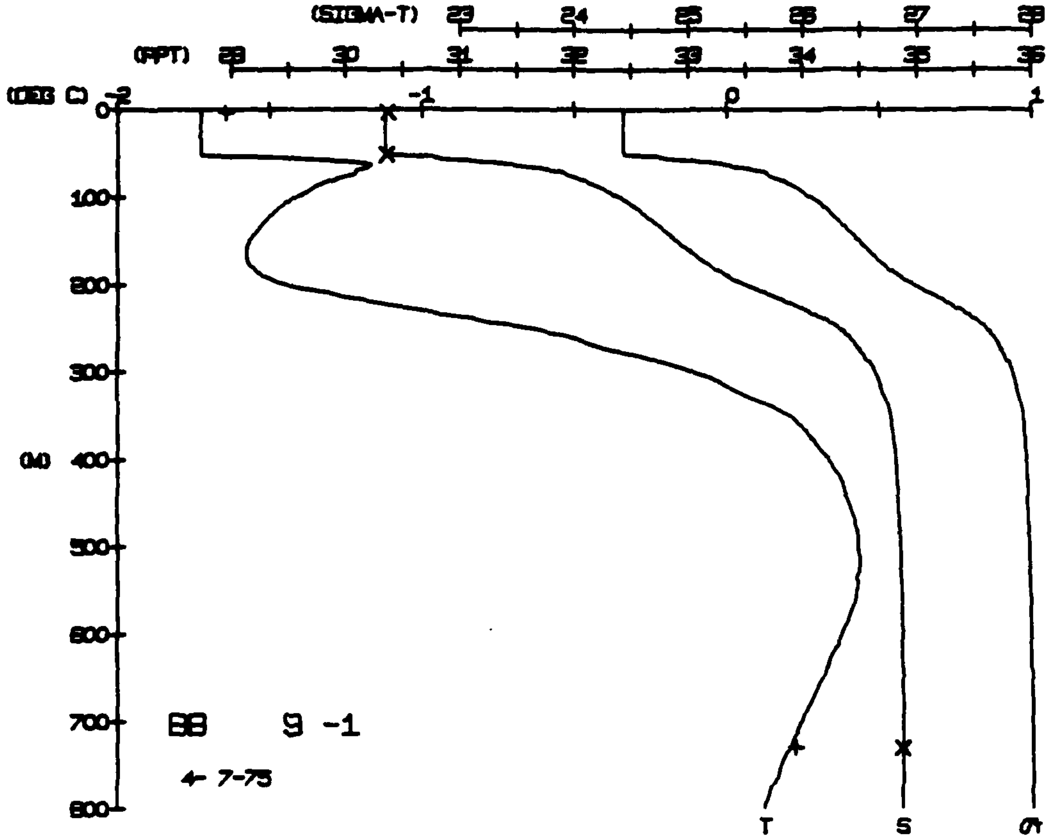
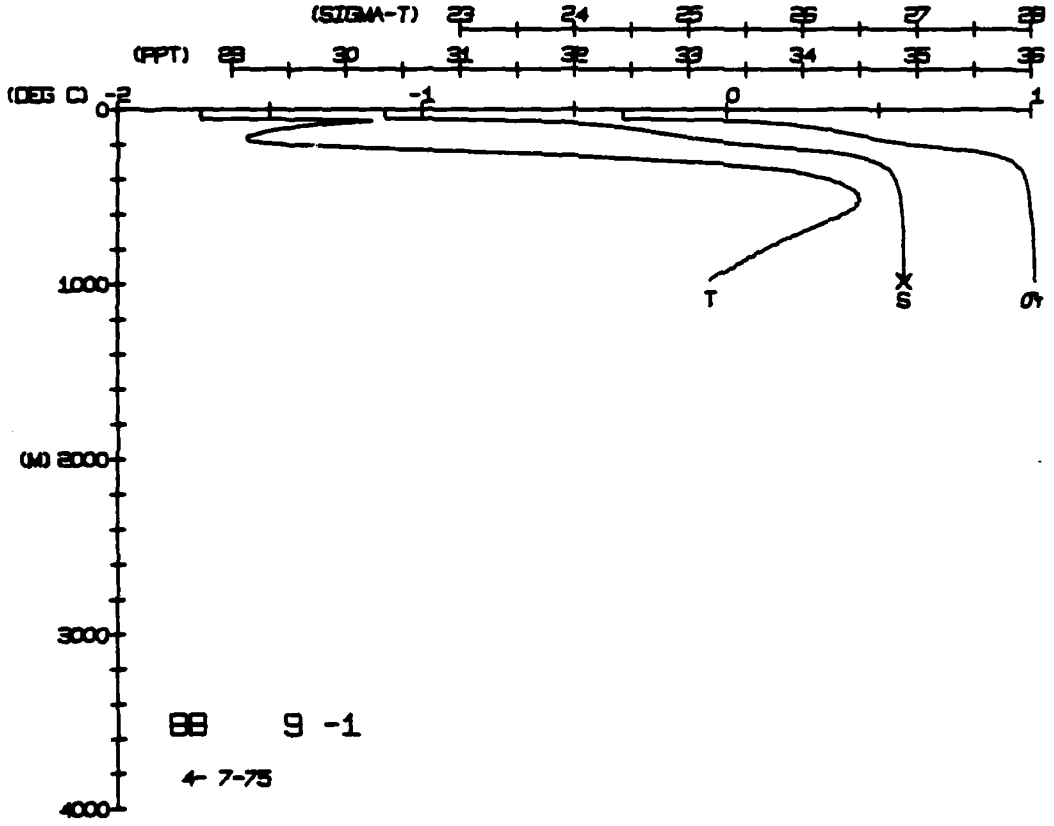

(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 9 -1
4-7-75
T
S
σt


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
1000
(M) 2000
3000
4000
BB 9 -1
4-7-75
T
S
σt

```
BIG BEAR STATION  10(2) STD   8/APR/1975  507 GMT  CODE = 2
LAT =          N LNG =          W LTCR =          LGCR =
AIR TEMP =         BAROM =          WIND =          SPEED =

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVUL  DINHT  SOUND

   0.0   -1.66  -1.66  30.34  24.42  351.8  0.000  1434.9
   5.0   -1.66  -1.66  30.34  24.42  351.7  0.018  1435.0
   5.5   -1.66  -1.66  30.34  24.42  351.7  0.020  1435.0
  10.0   -1.66  -1.66  30.34  24.42  351.5  0.035  1435.1
  15.0   -1.66  -1.66  30.34  24.42  351.5  0.053  1435.2
  20.0   -1.66  -1.66  30.34  24.42  351.4  0.071  1435.2
  25.0   -1.66  -1.66  30.34  24.42  351.3  0.088  1435.3
  30.0   -1.66  -1.66  30.34  24.42  351.3  0.106  1435.4
  35.0   -1.66  -1.66  30.34  24.42  351.2  0.124  1435.5
  40.0   -1.66  -1.66  30.34  24.42  351.2  0.142  1435.6
  45.0   -1.66  -1.66  30.34  24.43  351.0  0.159  1435.7
  50.0   -1.66  -1.66  30.35  24.43  350.7  0.177  1435.8
  55.0   -1.66  -1.66  30.36  24.43  349.9  0.195  1435.9
  60.0   -1.58  -1.58  31.19  25.08  289.5  0.211  1437.5
  65.0   -1.18  -1.18  31.57  25.41  257.4  0.224  1440.0
  70.0   -1.09  -1.09  31.82  25.61  238.4  0.237  1440.9
  80.0   -1.17  -1.17  32.03  25.78  221.8  0.260  1440.9
  90.0   -1.29  -1.29  32.25  25.96  204.8  0.282  1440.9
 100.0   -1.35  -1.35  32.40  26.09  193.2  0.307  1440.9
 110.0   -1.39  -1.40  32.51  26.17  184.2  0.321  1441.1
 120.0   -1.43  -1.44  32.62  26.26  176.0  0.339  1441.2
 130.0   -1.47  -1.47  32.73  26.35  167.3  0.356  1441.3
 140.0   -1.48  -1.49  32.82  26.43  159.8  0.373  1441.6
 150.0   -1.51  -1.51  32.93  26.51  152.0  0.388  1441.8
 160.0   -1.52  -1.52  33.03  26.60  143.6  0.403  1442.0
 170.0   -1.52  -1.53  33.17  26.71  133.2  0.417  1442.4
 180.0   -1.50  -1.50  33.28  26.80  124.6  0.430  1442.8
 190.0   -1.47  -1.48  33.40  26.89  115.7  0.442  1443.3
 200.0   -1.42  -1.43  33.49  26.97  108.4  0.454  1443.8
 210.0   -1.29  -1.30  33.71  27.14   92.3  0.464  1444.9
 220.0   -1.15  -1.16  33.89  27.28   78.6  0.473  1446.0
 230.0   -1.00  -1.00  34.10  27.44   63.8  0.480  1447.1
 240.0   -0.81  -0.81  34.25  27.56   52.7  0.486  1448.4
 250.0   -0.63  -0.64  34.35  27.64   45.7  0.491  1449.5
 260.0   -0.48  -0.49  34.43  27.69   40.3  0.495  1450.5
 270.0   -0.37  -0.38  34.49  27.73   37.0  0.499  1451.2
 280.0   -0.25  -0.26  34.54  27.77   33.6  0.502  1452.1
 290.0   -0.16  -0.17  34.59  27.80   30.3  0.506  1452.7
 300.0   -0.07  -0.08  34.62  27.83   28.0  0.509  1453.3
 310.0    0.01   0.00  34.66  27.85   25.9  0.511  1453.9
 320.0    0.07   0.06  34.69  27.87   24.0  0.514  1454.4
 330.0    0.12   0.11  34.71  27.89   22.8  0.516  1454.8
 340.0    0.17   0.16  34.73  27.90   21.7  0.518  1455.2
 350.0    0.22   0.20  34.74  27.91   20.6  0.521  1455.6
 370.0    0.29   0.28  34.77  27.93   19.0  0.525  1456.3
 390.0    0.35   0.33  34.79  27.94   18.0  0.528  1456.9
 410.0    0.39   0.37  34.80  27.95   17.3  0.532  1457.5
 430.0    0.42   0.40  34.82  27.96   16.5  0.535  1458.0
 450.0    0.44   0.42  34.83  27.96   16.0  0.539  1458.4
 470.0    0.46   0.44  34.84  27.97   15.4  0.542  1458.8
 490.0    0.46   0.44  34.84  27.97   15.0  0.545  1459.2
 510.0    0.46   0.44  34.85  27.98   14.6  0.548  1459.5
 530.0    0.46   0.44  34.85  27.98   14.7  0.551  1459.9
 550.0    0.45   0.42  34.85  27.98   14.3  0.554  1460.1
 570.0    0.42   0.39  34.85  27.99   13.8  0.557  1460.4
 590.0    0.40   0.37  34.86  27.99   13.3  0.559  1460.6
 610.0    0.37   0.35  34.86  27.99   13.0  0.562  1460.8
 630.0    0.35   0.32  34.86  28.00   12.9  0.565  1461.0
 650.0    0.32   0.29  34.86  28.00   12.4  0.567  1461.3
 670.0    0.30   0.27  34.87  28.00   11.9  0.570  1461.5
 690.0    0.27   0.24  34.86  28.00   12.1  0.572  1461.7
 710.0    0.24   0.21  34.87  28.01   11.7  0.574  1461.9
 730.0    0.22   0.19  34.87  28.01   11.6  0.577  1462.1

                        DEPTH      TEMP.      SALIN

      BUT NUM = 1        48.6                 30.35
      BUT NUM = 2       724.1      0.22       34.87
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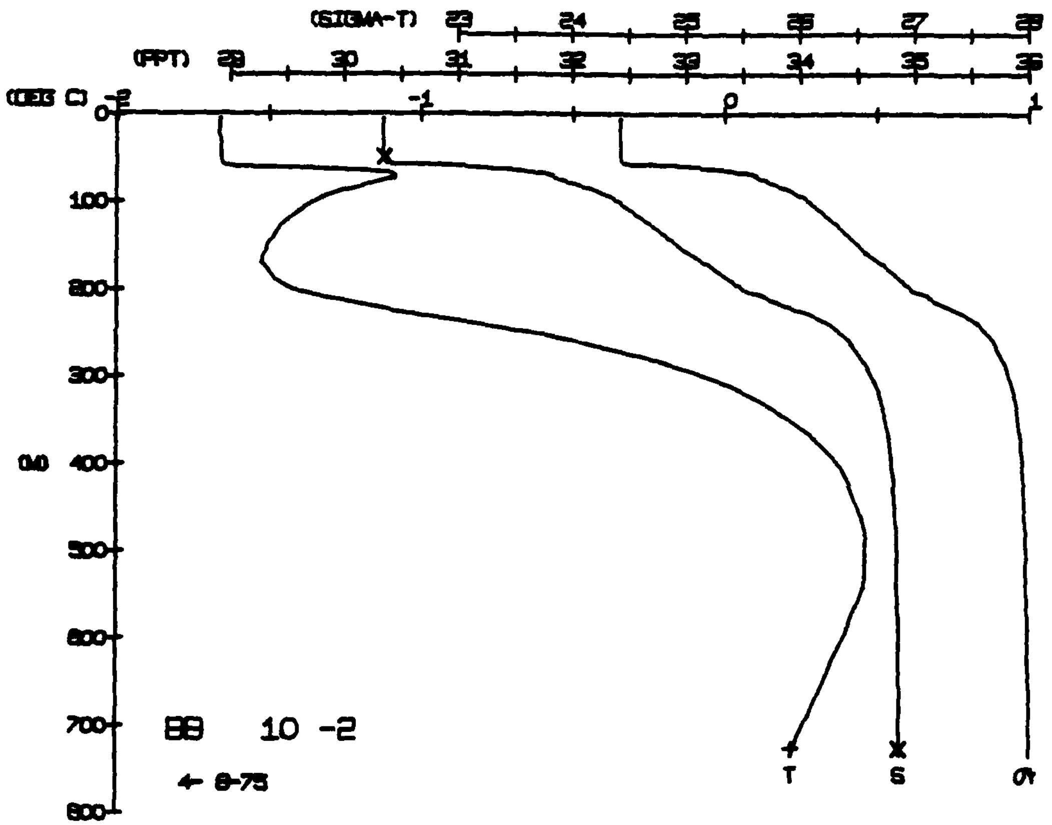
(SIGMA-T)
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(PPT)
29
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33
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35
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(DEG C)
-2
-1
0
1
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100
200
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(M)
400
500
600
700
800
BB 10 -2
4-8-75
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```
                                  BIG BEAR STATION  13(1) STD    9/APR/1975   641 GMT  CODE = 2
                                   LAT =          N LNG =         W LTER =          LGER =
                                   AIR TEMP =        BARUM =         WIND =          SPEED =

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND                DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.74   -1.74   30.26   24.35   358.2   0.000   1434.4               850.0    0.06    0.03   34.88   28.02     9.8   0.617   1463.4
   5.0   -1.74   -1.74   30.26   24.35   358.1   0.018   1434.5               900.0    0.01   -0.03   34.88   28.03     9.1   0.622   1464.0
   6.6   -1.74   -1.74   30.26   24.35   358.1   0.024   1434.6               950.0   -0.03   -0.08   34.88   28.03     8.8   0.626   1464.7
  10.0   -1.73   -1.73   30.26   24.36   357.8   0.036   1434.6
  15.0   -1.73   -1.73   30.26   24.36   357.4   0.054   1434.7
  20.0   -1.73   -1.73   30.27   24.36   357.1   0.072   1434.8
  25.0   -1.74   -1.74   30.27   24.37   356.8   0.090   1434.9
  30.0   -1.75   -1.75   30.27   24.37   356.4   0.108   1434.9
  35.0   -1.74   -1.74   30.28   24.37   355.8   0.126   1435.0
  40.0   -1.75   -1.75   30.29   24.38   355.1   0.144   1435.1
  45.0   -1.75   -1.75   30.29   24.39   354.6   0.162   1435.2
  50.0   -1.76   -1.76   30.30   24.39   354.1   0.180   1435.2
  55.0   -1.76   -1.76   30.31   24.40   353.4   0.197   1435.3
  60.0   -1.73   -1.73   30.96   24.93   303.0   0.214   1436.5
  65.0   -1.38   -1.39   31.50   25.35   262.6   0.228   1438.9
  70.0   -1.23   -1.24   31.66   25.48   250.3   0.241   1440.0
  80.0   -1.18   -1.18   31.87   25.65   234.5   0.266   1440.7
  90.0   -1.30   -1.30   32.08   25.82   217.7   0.288   1440.6
 100.0   -1.36   -1.36   32.26   25.97   203.7   0.310   1440.7
 110.0   -1.43   -1.43   32.42   26.10   191.6   0.329   1440.8
 120.0   -1.48   -1.48   32.57   26.22   179.8   0.348   1440.9
 130.0   -1.51   -1.51   32.65   26.29   173.0   0.366   1441.0
 140.0   -1.53   -1.53   32.74   26.36   166.3   0.383   1441.2
 150.0   -1.55   -1.55   32.83   26.43   159.3   0.400   1441.4
 160.0   -1.56   -1.56   32.91   26.50   153.3   0.415   1441.7
 170.0   -1.57   -1.57   33.00   26.58   145.6   0.430   1441.9
 180.0   -1.58   -1.58   33.12   26.67   136.4   0.445   1442.2
 190.0   -1.56   -1.56   33.24   26.77   127.2   0.458   1442.6
 200.0   -1.51   -1.52   33.42   26.91   113.7   0.470   1443.3
 210.0   -1.41   -1.42   33.52   26.99   106.3   0.481   1444.0
 220.0   -1.29   -1.29   33.72   27.14    91.7   0.491   1445.1
 230.0   -1.15   -1.16   33.90   27.29    78.1   0.500   1446.1
 240.0   -0.96   -0.96   34.09   27.43    64.7   0.507   1447.5
 250.0   -0.77   -0.78   34.23   27.55    54.2   0.513   1448.7
 260.0   -0.62   -0.63   34.35   27.63    46.3   0.518   1449.7
 270.0   -0.50   -0.51   34.43   27.69    40.7   0.522   1450.6
 280.0   -0.37   -0.38   34.49   27.73    36.9   0.526   1451.4
 290.0   -0.26   -0.27   34.53   27.76    33.8   0.530   1452.2
 300.0   -0.16   -0.17   34.58   27.80    30.7   0.533   1452.9
 310.0   -0.07   -0.08   34.62   27.83    28.2   0.536   1453.5
 320.0    0.00   -0.01   34.65   27.85    26.4   0.539   1454.0
 330.0    0.06    0.05   34.68   27.86    24.8   0.542   1454.5
 340.0    0.11    0.09   34.70   27.88    23.5   0.544   1454.9
 350.0    0.15    0.13   34.72   27.89    22.4   0.546   1455.3
 370.0    0.23    0.21   34.75   27.91    20.5   0.551   1456.0
 390.0    0.27    0.25   34.77   27.93    19.1   0.555   1456.6
 410.0    0.31    0.30   34.78   27.94    18.3   0.558   1457.1
 430.0    0.35    0.33   34.80   27.94    17.6   0.562   1457.6
 450.0    0.38    0.36   34.81   27.95    16.9   0.566   1458.1
 470.0    0.40    0.38   34.82   27.96    16.2   0.569   1458.6
 490.0    0.43    0.41   34.83   27.97    15.4   0.572   1459.1
 510.0    0.44    0.41   34.84   27.97    14.9   0.575   1459.4
 530.0    0.44    0.41   34.85   27.98    14.6   0.578   1459.7
 550.0    0.42    0.40   34.85   27.98    14.3   0.581   1460.0
 570.0    0.41    0.38   34.85   27.98    13.9   0.584   1460.3
 590.0    0.38    0.36   34.85   27.99    13.7   0.587   1460.5
 610.0    0.36    0.33   34.86   27.99    13.1   0.589   1460.8
 630.0    0.34    0.32   34.86   28.00    12.8   0.592   1461.0
 650.0    0.32    0.29   34.86   28.00    12.6   0.595   1461.2
 670.0    0.30    0.27   34.87   28.00    12.2   0.597   1461.5
 690.0    0.27    0.24   34.87   28.00    11.9   0.599   1461.7
 710.0    0.24    0.20   34.87   28.01    11.6   0.602   1461.9
 730.0    0.20    0.17   34.87   28.01    11.1   0.604   1462.1
 750.0    0.18    0.15   34.87   28.01    11.1   0.606   1462.3
 800.0    0.12    0.09   34.87   28.02    10.6   0.612   1462.9

                                                              DEPTH          TEMP.          SALIN

                                           BOT NUM = 1          5.0                         30.34
                                           BOT NUM = 2          5.0                         30.32
                                           BOT NUM = 3          5.0                         30.34
                                           BOT NUM = 4          5.0                         30.34
                                           BOT NUM = 5          5.0                         30.35
                                           BOT NUM = 6          5.0                         30.34
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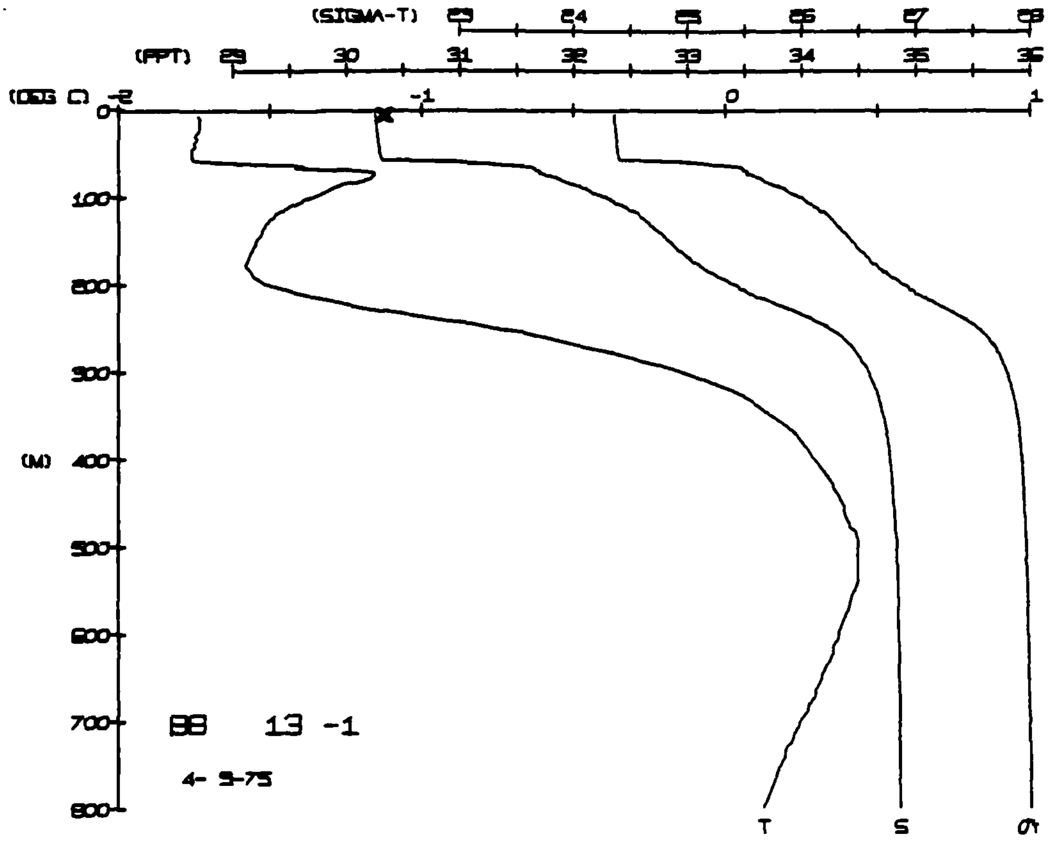

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(PPT)
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(DEG C)
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100
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(M) 400
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800
BB 13 -1
4- 5-75
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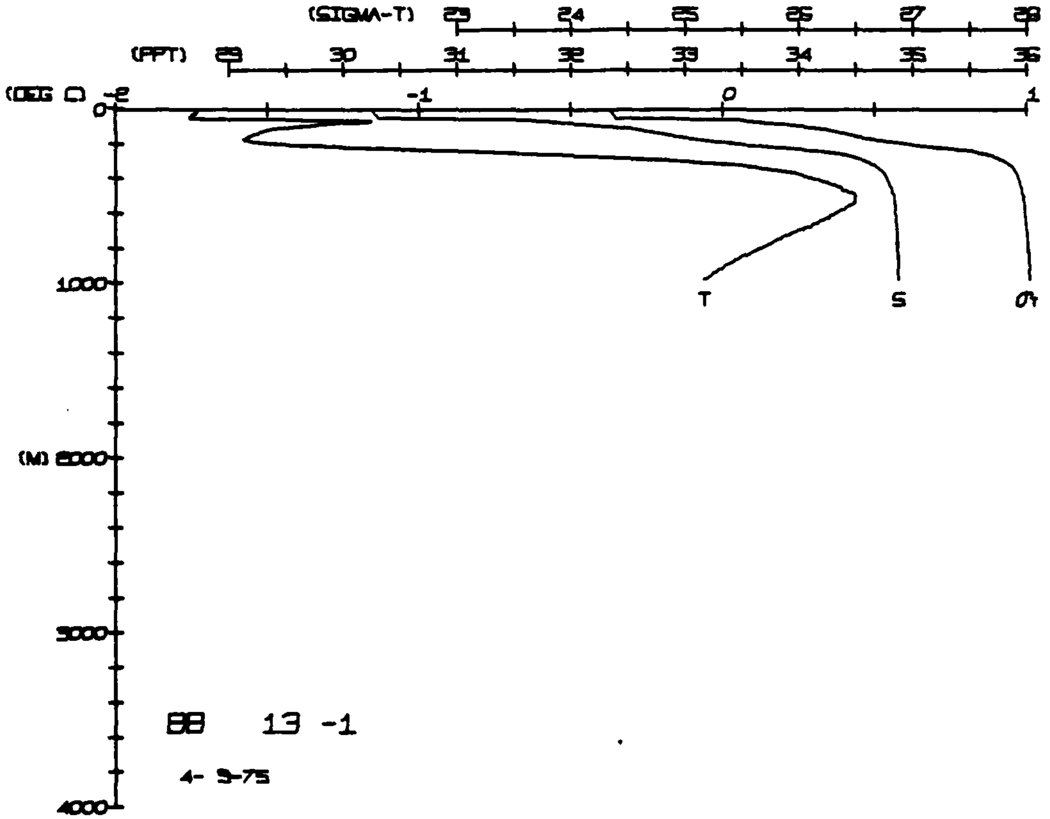

(SIGMA-T)
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(PPT)
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32
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(DEG C)
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-1
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1000
(M) 2000
3000
4000
BB 13 -1
4- 5-75
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BIG BEAR STATION  14(1) STD   9/APR/1975 1800 GMT  CODE = 2
LAT =          N LNG =          W LTER =          LGER =
AIR TEMP =          BAROM =          WIND =          SPEED =

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.71   -1.71   30.28   24.38   356.1   0.000  1434.6
   3.8   -1.71   -1.71   30.28   24.38   356.0   0.014  1434.7
   5.0   -1.71   -1.71   30.28   24.38   355.9   0.018  1434.7
  10.0   -1.71   -1.71   30.28   24.38   355.8   0.036  1434.8
  15.0   -1.71   -1.71   30.28   24.38   355.7   0.054  1434.9
  20.0   -1.71   -1.71   30.29   24.38   355.6   0.072  1434.9
  25.0   -1.71   -1.71   30.29   24.38   355.4   0.090  1435.0
  30.0   -1.71   -1.71   30.29   24.38   355.2   0.107  1435.1
  35.0   -1.71   -1.71   30.29   24.38   355.1   0.125  1435.2
  40.0   -1.71   -1.71   30.29   24.38   355.1   0.143  1435.3
  45.0   -1.71   -1.71   30.29   24.38   354.8   0.161  1435.4
  50.0   -1.71   -1.71   30.29   24.39   354.6   0.179  1435.4
  55.0   -1.71   -1.71   30.53   24.57   336.6   0.196  1435.8
  60.0   -1.68   -1.68   30.66   24.68   326.1   0.213  1436.3
  65.0   -1.36   -1.36   30.90   24.87   308.8   0.229  1438.2
  70.0   -1.23   -1.23   31.38   25.26   271.7   0.244  1439.6
  80.0   -1.16   -1.16   31.84   25.63   236.4   0.269  1440.7
  90.0   -1.26   -1.27   32.03   25.78   222.1   0.292  1440.7
 100.0   -1.34   -1.34   32.22   25.93   207.2   0.314  1440.7
 110.0   -1.41   -1.41   32.40   26.08   193.0   0.334  1440.8
 120.0   -1.46   -1.46   32.53   26.19   182.8   0.353  1440.9
 130.0   -1.50   -1.50   32.63   26.27   174.8   0.371  1441.1
 140.0   -1.51   -1.52   32.72   26.34   168.0   0.389  1441.3
 150.0   -1.53   -1.53   32.83   26.43   159.4   0.405  1441.5
 160.0   -1.55   -1.55   32.94   26.52   151.0   0.421  1441.7
 170.0   -1.56   -1.57   33.05   26.61   142.3   0.436  1442.0
 180.0   -1.56   -1.56   33.16   26.70   133.5   0.449  1442.4
 180.3   -1.56   -1.56   33.17   26.71   133.1   0.450  1442.4
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```
                       DEPTH      TEMP.      SALIN

BOT NUM = 1              5.0                 30.36
BOT NUM = 2            134.2      -1.46      32.72
BOT NUM = 3            298.5                 34.60
BOT NUM = 4            397.9                 34.78
BOT NUM = 5            730.3                 34.86
BOT NUM = 6            978.3      -0.06      34.87
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```
BIG BEAR STATION  22(1) STD  10/APR/1975 1739 GMT  CODE = 2
LAT =          N LNG =          W LTER =          LGER =
AIR TEMP =          BAROM =          WIND =          SPEED =

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.66   -1.66   30.35   24.43   351.2   0.000  1434.9
  5.0   -1.66   -1.66   30.35   24.43   351.1   0.018  1435.0
  9.1   -1.66   -1.66   30.35   24.43   351.1   0.032  1435.1
 10.0   -1.66   -1.66   30.35   24.43   351.1   0.035  1435.1
 15.0   -1.66   -1.66   30.35   24.43   350.9   0.053  1435.2
 20.0   -1.66   -1.66   30.35   24.43   350.8   0.071  1435.3
 25.0   -1.66   -1.66   30.35   24.43   350.7   0.088  1435.4
 30.0   -1.66   -1.66   30.35   24.43   350.6   0.106  1435.4
 35.0   -1.66   -1.66   30.35   24.43   350.7   0.124  1435.5
 40.0   -1.66   -1.66   30.35   24.43   350.6   0.141  1435.6
 45.0   -1.66   -1.66   30.35   24.43   350.6   0.159  1435.7
 50.0   -1.66   -1.66   30.35   24.43   350.3   0.177  1435.8
 55.0   -1.65   -1.66   30.91   24.88   307.2   0.193  1436.7
 60.0   -1.26   -1.26   31.38   25.26   271.8   0.208  1439.3
 65.0   -1.13   -1.13   31.69   25.50   248.7   0.221  1440.4
 70.0   -1.10   -1.10   31.84   25.63   236.5   0.233  1440.8
 80.0   -1.20   -1.20   32.10   25.84   216.5   0.256  1440.9
 90.0   -1.31   -1.31   32.33   26.02   198.6   0.277  1440.9
100.0   -1.36   -1.36   32.46   26.13   188.5   0.296  1441.0
110.0   -1.40   -1.41   32.57   26.22   179.6   0.315  1441.1
120.0   -1.44   -1.44   32.67   26.31   171.7   0.333  1441.2
130.0   -1.46   -1.46   32.75   26.37   165.9   0.350  1441.4
140.0   -1.48   -1.49   32.86   26.46   157.3   0.366  1441.6
150.0   -1.51   -1.51   32.96   26.54   149.5   0.381  1441.8
160.0   -1.52   -1.52   33.05   26.61   142.0   0.396  1442.0
170.0   -1.51   -1.51   33.17   26.71   132.8   0.410  1442.4
180.0   -1.48   -1.49   33.31   26.82   122.8   0.423  1442.9
190.0   -1.44   -1.45   33.46   26.94   111.2   0.435  1443.5
200.0   -1.35   -1.35   33.62   27.07    99.2   0.445  1444.3
210.0   -1.23   -1.23   33.79   27.20    86.4   0.455  1445.3
220.0   -1.09   -1.09   33.96   27.33    74.2   0.463  1446.4
230.0   -0.92   -0.93   34.15   27.49    59.8   0.470  1447.6
240.0   -0.71   -0.72   34.29   27.59    50.1   0.475  1448.9
250.0   -0.56   -0.57   34.40   27.67    42.7   0.480  1449.9
260.0   -0.41   -0.42   34.47   27.72    38.3   0.484  1450.8
270.0   -0.29   -0.30   34.54   27.77    33.5   0.488  1451.7
280.0   -0.17   -0.18   34.59   27.81    30.1   0.491  1452.5
290.0   -0.08   -0.09   34.63   27.84    27.4   0.494  1453.1
300.0   -0.01   -0.02   34.66   27.86    25.5   0.496  1453.6
310.0    0.05    0.04   34.69   27.87    24.0   0.499  1454.1
320.0    0.11    0.10   34.71   27.89    22.6   0.501  1454.6
330.0    0.17    0.15   34.74   27.90    21.1   0.503  1455.0
340.0    0.22    0.20   34.75   27.92    20.1   0.505  1455.5
350.0    0.25    0.24   34.77   27.93    19.1   0.507  1455.8
370.0    0.30    0.29   34.79   27.94    17.7   0.511  1456.4
390.0    0.35    0.33   34.81   27.95    16.9   0.515  1457.0
410.0    0.39    0.37   34.82   27.96    16.0   0.518  1457.5
430.0    0.42    0.40   34.83   27.97    15.4   0.521  1458.0
450.0    0.44    0.42   34.84   27.97    14.9   0.524  1458.4
470.0    0.46    0.43   34.85   27.98    14.4   0.527  1458.8
490.0    0.47    0.45   34.86   27.98    14.0   0.530  1459.2
510.0    0.47    0.45   34.86   27.99    13.7   0.533  1459.6
530.0    0.46    0.44   34.86   27.99    13.4   0.536  1459.9
550.0    0.45    0.42   34.87   27.99    13.1   0.538  1460.2
570.0    0.43    0.40   34.87   28.00    12.7   0.541  1460.4
590.0    0.41    0.38   34.88   28.00    12.2   0.543  1460.6
610.0    0.38    0.35   34.88   28.01    11.8   0.546  1460.9
630.0    0.35    0.32   34.88   28.01    11.7   0.548  1461.1
650.0    0.32    0.29   34.88   28.01    11.4   0.551  1461.3
670.0    0.29    0.26   34.88   28.01    11.0   0.553  1461.4
690.0    0.26    0.23   34.89   28.02    10.4   0.555  1461.6
710.0    0.23    0.20   34.88   28.02    10.5   0.557  1461.9
730.0    0.22    0.19   34.88   28.02    10.4   0.559  1462.1

                         DEPTH      TEMP.      SALIN
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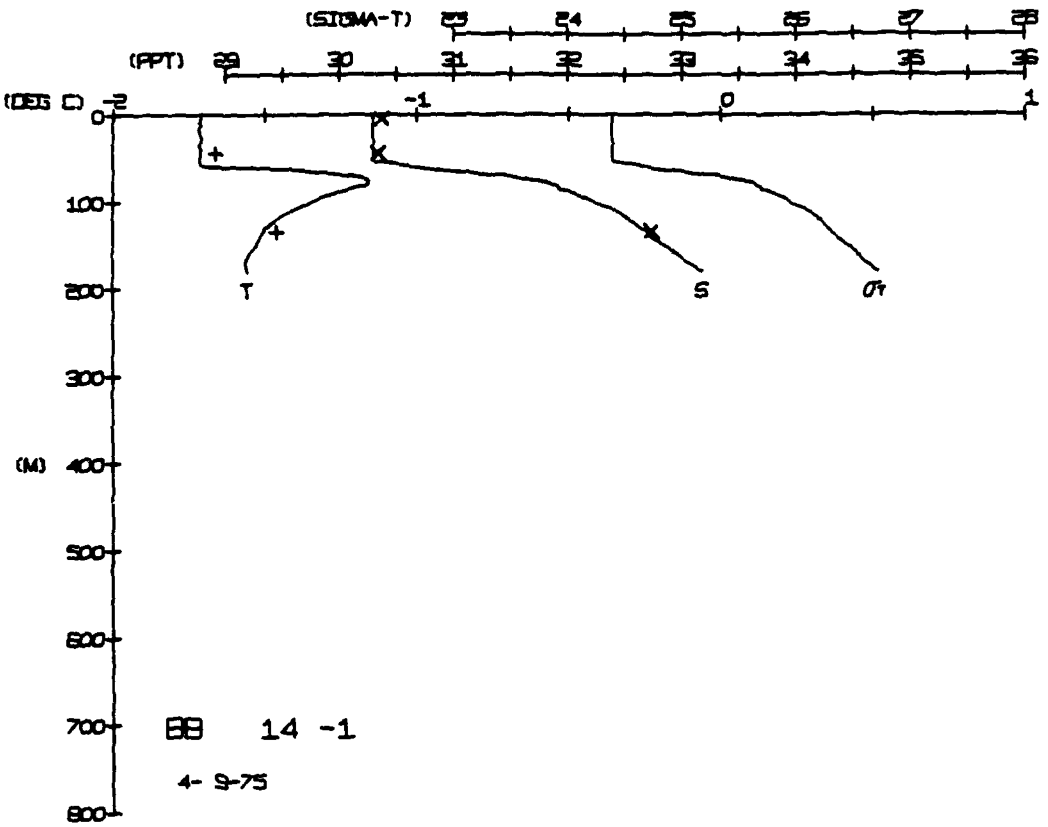

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(M)
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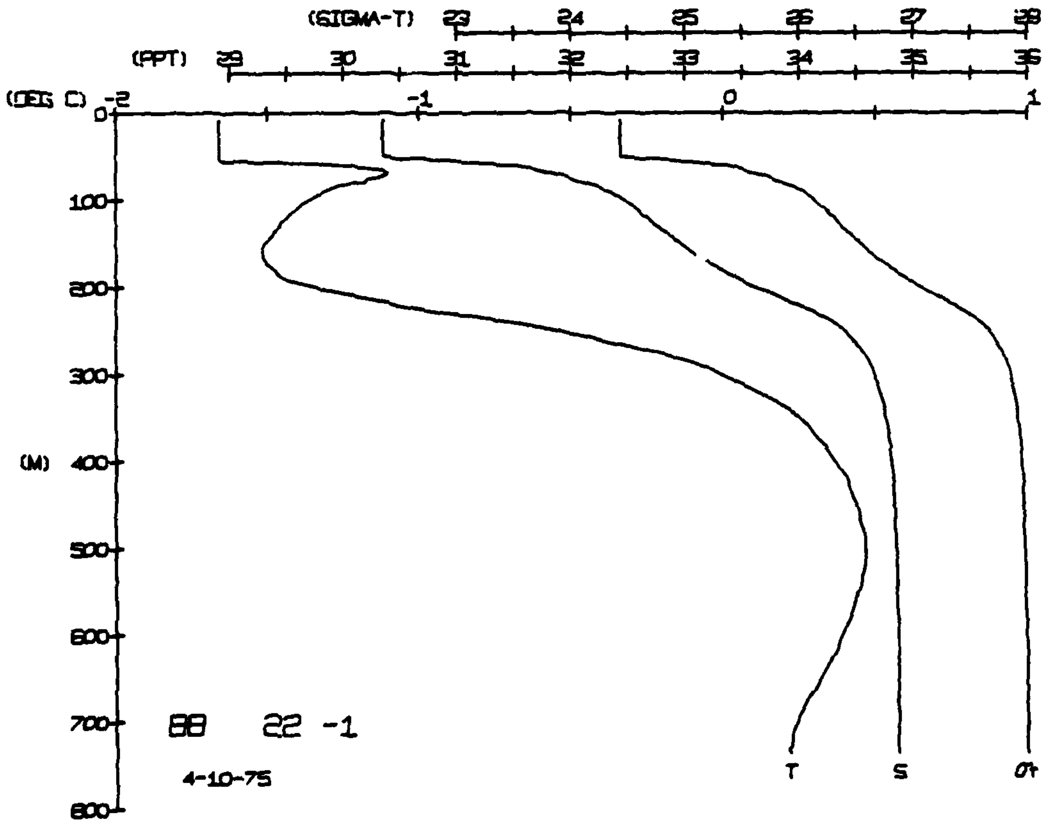
BB 14 -1
4- 9-75



(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0 100 200 300 400 500 600 700 800
(M)
T
S
σT
BB 22 -1
4-10-75

```
BIG BEAR STATION  24(1) STD  11/APR/1975  500 GMT  CODE = 2
LAT = 76.3519N LNG = 145.3490W LTER =       1. LGER =      2.
AIR TEMP =          BARUM = 1017.4 WIND =          SPEED =

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.65   -1.65   30.33   24.41   352.7   0.000  1434.9
   5.0   -1.65   -1.65   30.33   24.41   352.7   0.018  1435.0
   9.8   -1.65   -1.65   30.33   24.41   352.6   0.035  1435.1
  10.0   -1.65   -1.65   30.33   24.41   352.6   0.036  1435.1
  15.0   -1.65   -1.66   30.33   24.41   352.4   0.053  1435.2
  20.0   -1.66   -1.66   30.33   24.41   352.4   0.071  1435.3
  25.0   -1.66   -1.66   30.33   24.41   352.4   0.089  1435.3
  30.0   -1.66   -1.66   30.33   24.41   352.4   0.106  1435.4
  35.0   -1.66   -1.66   30.33   24.41   352.2   0.124  1435.5
  40.0   -1.65   -1.65   30.33   24.41   352.1   0.142  1435.6
  45.0   -1.65   -1.65   30.33   24.41   352.1   0.160  1435.7
  50.0   -1.65   -1.66   30.33   24.41   352.0   0.177  1435.8
  55.0   -1.56   -1.56   30.70   24.71   323.2   0.194  1436.8
  60.0   -1.28   -1.28   31.10   25.03   292.9   0.210  1438.8
  65.0   -1.15   -1.15   31.47   25.33   265.1   0.224  1440.0
  70.0   -1.10   -1.10   31.71   25.52   247.1   0.237  1440.7
  80.0   -1.21   -1.21   32.01   25.76   223.5   0.261  1440.7
  90.0   -1.29   -1.29   32.23   25.94   206.7   0.282  1440.8
 100.0   -1.36   -1.36   32.39   26.08   193.6   0.303  1440.9
 110.0   -1.40   -1.40   32.52   26.18   183.5   0.322  1441.0
 120.0   -1.44   -1.44   32.64   26.28   174.3   0.340  1441.2
 130.0   -1.46   -1.47   32.74   26.36   166.4   0.357  1441.4
 140.0   -1.49   -1.49   32.85   26.45   158.1   0.373  1441.6
 150.0   -1.50   -1.50   32.93   26.52   151.4   0.389  1441.8
 160.0   -1.51   -1.51   33.03   26.59   144.1   0.404  1442.1
 170.0   -1.50   -1.51   33.12   26.67   136.8   0.418  1442.4
 180.0   -1.47   -1.48   33.27   26.79   125.7   0.431  1442.9
 190.0   -1.42   -1.42   33.44   26.93   112.3   0.443  1443.6
 200.0   -1.30   -1.31   33.62   27.07    99.2   0.454  1444.5
 210.0   -1.17   -1.17   33.80   27.20    86.2   0.463  1445.6
 220.0   -1.01   -1.01   33.98   27.34    73.1   0.471  1446.7
 230.0   -0.83   -0.84   34.13   27.46    61.9   0.478  1447.9
 240.0   -0.66   -0.67   34.27   27.57    51.8   0.484  1449.1
 250.0   -0.53   -0.54   34.36   27.64    45.5   0.489  1450.0
 260.0   -0.37   -0.38   34.44   27.70    40.2   0.493  1451.0
 270.0   -0.26   -0.27   34.51   27.75    35.6   0.497  1451.8
 280.0   -0.17   -0.18   34.55   27.77    33.1   0.500  1452.4
 290.0   -0.10   -0.11   34.58   27.79    31.3   0.504  1452.9
 300.0   -0.02   -0.03   34.62   27.82    28.9   0.507  1453.6
 310.0    0.08    0.07   34.67   27.85    25.6   0.509  1454.2
 320.0    0.14    0.13   34.70   27.88    23.8   0.512  1454.7
 330.0    0.19    0.18   34.72   27.89    22.5   0.514  1455.2
 340.0    0.25    0.23   34.73   27.90    21.6   0.516  1455.6
 350.0    0.28    0.26   34.75   27.91    20.8   0.519  1455.9
 370.0    0.33    0.31   34.77   27.92    19.4   0.523  1456.5
 390.0    0.36    0.34   34.79   27.93    18.4   0.526  1457.0
 410.0    0.40    0.38   34.80   27.94    17.6   0.530  1457.5
 430.0    0.43    0.41   34.81   27.95    16.8   0.533  1458.0
 450.0    0.46    0.44   34.82   27.96    16.5   0.537  1458.5
 470.0    0.48    0.46   34.83   27.96    16.1   0.540  1458.9
 490.0    0.49    0.47   34.83   27.97    15.7   0.543  1459.3
 510.0    0.49    0.46   34.84   27.97    15.6   0.547  1459.6
 530.0    0.49    0.46   34.84   27.97    15.1   0.550  1460.0
 550.0    0.47    0.45   34.85   27.98    14.7   0.553  1460.3
 570.0    0.45    0.42   34.85   27.98    14.6   0.556  1460.5
 590.0    0.43    0.41   34.85   27.98    14.2   0.558  1460.7
 610.0    0.41    0.39   34.85   27.99    13.8   0.561  1461.0
 630.0    0.38    0.35   34.85   27.99    13.5   0.564  1461.2
 650.0    0.35    0.32   34.86   27.99    13.3   0.567  1461.4
 670.0    0.32    0.29   34.86   27.99    12.9   0.569  1461.6
 690.0    0.29    0.26   34.86   28.00    12.5   0.572  1461.8
 710.0    0.26    0.23   34.86   28.00    12.4   0.575  1462.0
 730.0    0.23    0.20   34.86   28.00    12.1   0.577  1462.2
 731.6    0.23    0.19   34.86   28.00    12.0   0.577  1462.2

                        DEPTH       TEMP.       SALIN
```

```
BIG BEAR STATION  28(1) STD  12/APR/1975  507 GMT  CODE = 2
LAT = 76.3562N LNG = 145.2555W LTER =       1. LGER =      2.
AIR TEMP =          BARUM = 1023.6 WIND =          SPEED =

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.66   -1.66   30.34   24.42   352.1   0.000  1434.9
   5.0   -1.66   -1.66   30.34   24.42   352.0   0.018  1435.0
   8.1   -1.66   -1.66   30.34   24.42   352.0   0.029  1435.1
  10.0   -1.66   -1.66   30.34   24.42   351.9   0.035  1435.1
  15.0   -1.66   -1.66   30.34   24.42   351.9   0.053  1435.2
  20.0   -1.66   -1.66   30.34   24.42   351.8   0.071  1435.3
  25.0   -1.66   -1.66   30.34   24.42   351.8   0.089  1435.4
  30.0   -1.66   -1.66   30.34   24.42   351.7   0.106  1435.4
  35.0   -1.66   -1.66   30.34   24.42   351.6   0.124  1435.5
  40.0   -1.66   -1.66   30.34   24.42   351.6   0.142  1435.6
  45.0   -1.65   -1.65   30.34   24.42   351.5   0.159  1435.7
  50.0   -1.65   -1.66   30.34   24.42   351.4   0.177  1435.8
  55.0   -1.48   -1.49   30.79   24.78   316.7   0.194  1437.3
  60.0   -1.20   -1.20   31.39   25.26   271.4   0.209  1439.6
  65.0   -1.11   -1.11   31.69   25.50   248.3   0.222  1440.5
  70.0   -1.13   -1.13   31.87   25.64   234.8   0.234  1440.8
  80.0   -1.23   -1.23   32.08   25.82   217.7   0.257  1440.7
  90.0   -1.30   -1.30   32.29   25.99   201.6   0.278  1440.8
 100.0   -1.35   -1.35   32.42   26.10   191.3   0.298  1441.0
 110.0   -1.39   -1.40   32.54   26.19   182.3   0.317  1441.1
 120.0   -1.43   -1.43   32.63   26.27   175.0   0.335  1441.2
 130.0   -1.46   -1.47   32.75   26.37   165.5   0.352  1441.4
 140.0   -1.48   -1.48   32.85   26.45   157.9   0.368  1441.6
 150.0   -1.49   -1.49   32.94   26.52   151.2   0.384  1441.9
 160.0   -1.51   -1.52   33.04   26.60   143.5   0.399  1442.1
 170.0   -1.50   -1.50   33.15   26.70   134.4   0.413  1442.4
 180.0   -1.48   -1.48   33.27   26.79   125.8   0.426  1442.9
 190.0   -1.43   -1.43   33.42   26.91   114.1   0.438  1443.5
 200.0   -1.34   -1.34   33.57   27.03   102.6   0.449  1444.3
 210.0   -1.20   -1.21   33.75   27.17    89.2   0.458  1445.4
 220.0   -1.01   -1.02   33.98   27.35    72.4   0.467  1446.7
 230.0   -0.84   -0.84   34.14   27.47    61.0   0.473  1447.9
 240.0   -0.65   -0.66   34.29   27.58    50.8   0.479  1449.2
 250.0   -0.52   -0.53   34.38   27.65    44.3   0.484  1450.1
 260.0   -0.39   -0.40   34.45   27.71    39.3   0.488  1450.9
 270.0   -0.26   -0.27   34.51   27.75    35.6   0.492  1451.8
 280.0   -0.15   -0.16   34.56   27.78    32.5   0.495  1452.5
 290.0   -0.06   -0.07   34.61   27.81    29.5   0.498  1453.2
 300.0    0.02    0.01   34.64   27.84    27.4   0.501  1453.7
 310.0    0.08    0.07   34.67   27.85    25.8   0.504  1454.2
 320.0    0.13    0.12   34.69   27.87    24.3   0.506  1454.7
 330.0    0.17    0.16   34.71   27.88    23.2   0.509  1455.0
 340.0    0.21    0.20   34.72   27.89    22.3   0.511  1455.4
 350.0    0.24    0.23   34.74   27.90    21.4   0.513  1455.7
 370.0    0.31    0.29   34.76   27.92    19.9   0.518  1456.4
 390.0    0.36    0.34   34.78   27.93    18.9   0.521  1457.0
 410.0    0.40    0.38   34.79   27.94    18.1   0.525  1457.5
 430.0    0.41    0.39   34.80   27.94    17.9   0.529  1457.9
 450.0    0.42    0.40   34.80   27.94    17.7   0.532  1458.3
 470.0    0.44    0.42   34.81   27.95    17.2   0.536  1458.7
 490.0    0.46    0.44   34.82   27.96    16.6   0.539  1459.2
 510.0    0.47    0.45   34.82   27.96    16.4   0.543  1459.6
 530.0    0.47    0.44   34.83   27.96    16.1   0.546  1459.9
 550.0    0.46    0.43   34.83   27.97    15.7   0.549  1460.2
 570.0    0.44    0.41   34.84   27.97    15.4   0.552  1460.4
 590.0    0.41    0.39   34.84   27.97    15.0   0.555  1460.6
 610.0    0.40    0.37   34.84   27.98    14.8   0.558  1460.9
 630.0    0.37    0.35   34.84   27.98    14.3   0.561  1461.1
 650.0    0.34    0.31   34.85   27.98    13.9   0.564  1461.3
 670.0    0.31    0.28   34.85   27.99    13.7   0.567  1461.5
 690.0    0.29    0.26   34.85   27.99    13.4   0.570  1461.7
 710.0    0.26    0.22   34.85   27.99    13.1   0.572  1461.9
 730.0    0.23    0.19   34.85   28.00    12.6   0.575  1462.1
 732.2    0.22    0.19   34.85   28.00    12.5   0.575  1462.7

                        DEPTH       TEMP.       SALIN

        BOT NUM = 1      74.0                   31.79
        BOT NUM = 2     140.5                   32.87
        BOT NUM = 3     240.4                   34.30
        BOT NUM = 4     397.1       0.36        34.79
        BOT NUM = 5     598.0       0.39        34.86
        BOT NUM = 6     732.0                   34.89
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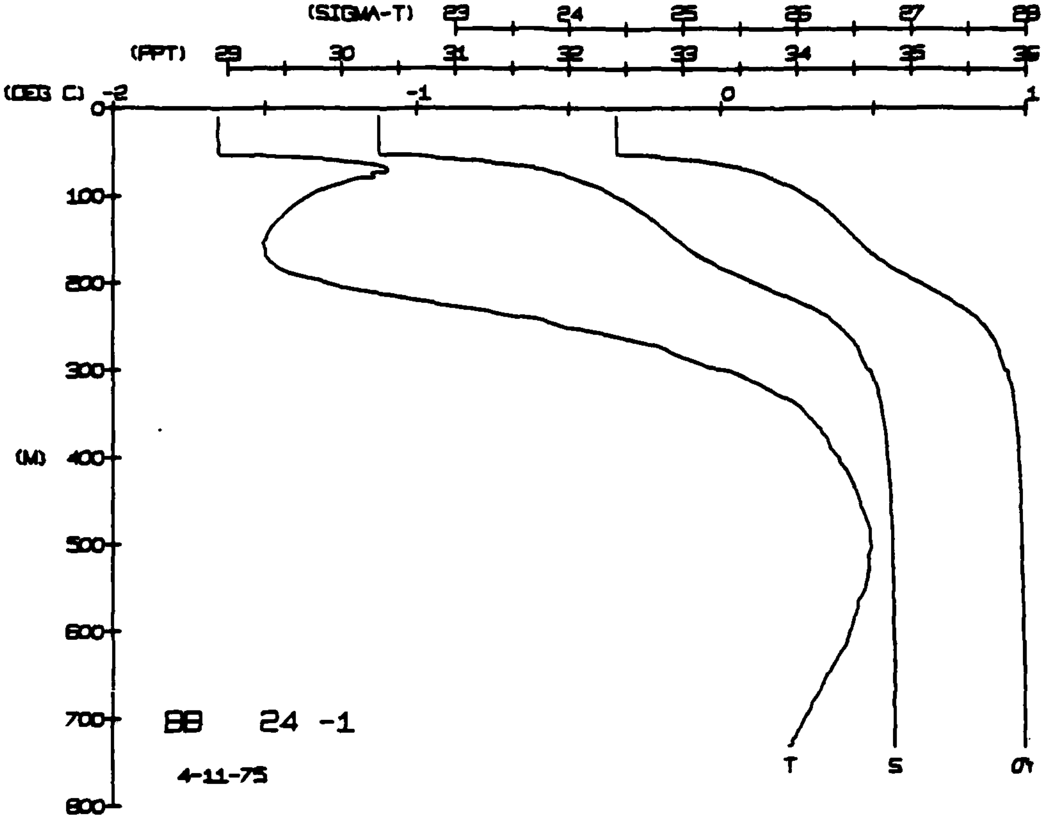
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 24 -1
4-11-75
T
S
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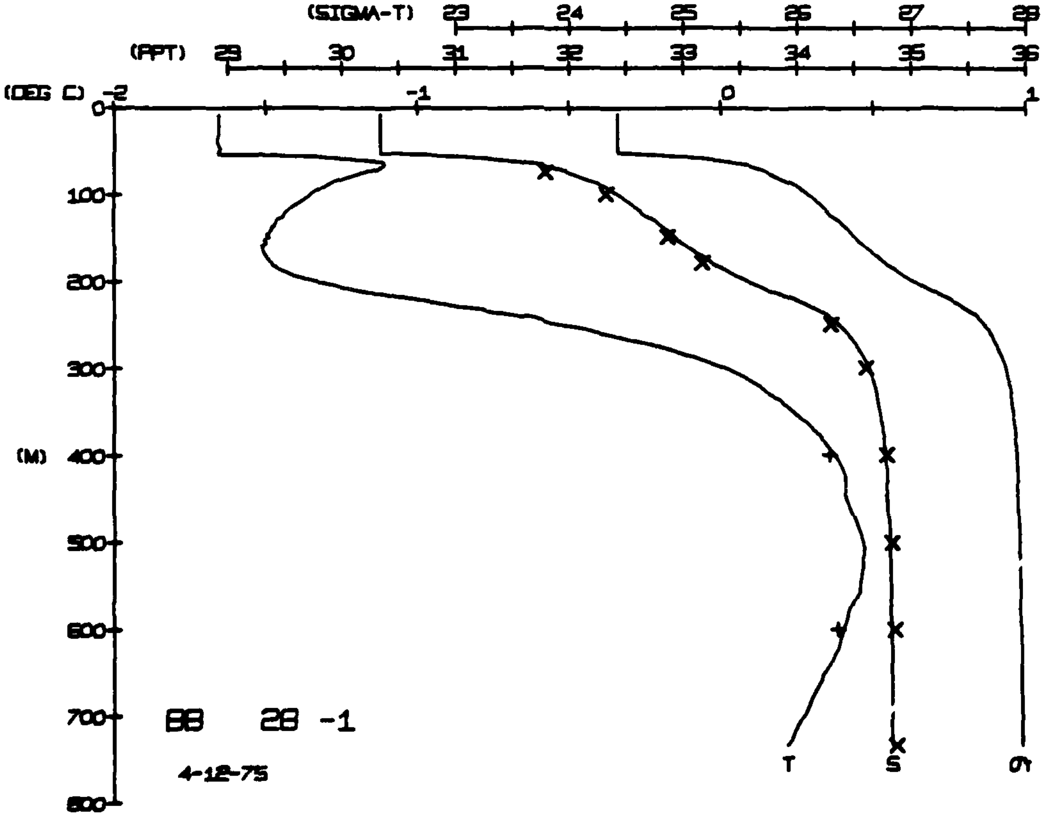
(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 28 -1
4-12-75
T
S
σt

```
BIG BEAR STATION  30(1) STD  12/APR/1975 1654 GMT  CUDE = 2
LAT = 76.3534N LNG = 145.2569W LTER =      0. LGER =      1.
AIR TEMP =        BAROM = 1029.9 WIND =       SPEED =

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.67   -1.67   30.34   24.42   351.6   0.000  1434.9
   3.2   -1.67   -1.67   30.34   24.42   351.5   0.011  1434.9
   5.0   -1.67   -1.67   30.34   24.42   351.5   0.018  1435.0
  10.0   -1.67   -1.67   30.34   24.42   351.5   0.035  1435.1
  15.0   -1.67   -1.67   30.34   24.42   351.4   0.053  1435.1
  20.0   -1.67   -1.67   30.34   24.42   351.3   0.071  1435.2
  25.0   -1.67   -1.67   30.34   24.42   351.3   0.088  1435.3
  30.0   -1.67   -1.67   30.34   24.42   351.2   0.106  1435.4
  35.0   -1.66   -1.66   30.34   24.42   351.2   0.124  1435.5
  40.0   -1.66   -1.66   30.34   24.42   351.1   0.142  1435.6
  45.0   -1.66   -1.66   30.34   24.42   351.0   0.159  1435.7
  50.0   -1.66   -1.66   30.34   24.42   350.9   0.177  1435.8
  55.0   -1.47   -1.47   30.95   24.91   304.3   0.193  1437.6
  60.0   -1.24   -1.24   31.42   25.29   269.0   0.208  1439.4
  65.0   -1.10   -1.11   31.69   25.50   248.2   0.221  1440.5
  70.0   -1.11   -1.12   31.86   25.64   235.3   0.233  1440.8
  80.0   -1.23   -1.24   32.13   25.86   214.4   0.256  1440.8
  90.0   -1.31   -1.31   32.31   26.01   200.3   0.277  1440.8
 100.0   -1.37   -1.37   32.43   26.10   190.9   0.296  1440.9
 110.0   -1.41   -1.41   32.56   26.21   180.9   0.315  1441.0
 120.0   -1.44   -1.45   32.68   26.30   172.4   0.333  1441.2
 130.0   -1.47   -1.47   32.76   26.38   164.7   0.350  1441.4
 140.0   -1.49   -1.49   32.87   26.47   156.2   0.366  1441.6
 150.0   -1.51   -1.51   32.95   26.53   150.2   0.382  1441.8
 160.0   -1.52   -1.52   33.06   26.62   141.3   0.396  1442.1
 170.0   -1.50   -1.51   33.16   26.70   133.6   0.410  1442.4
 180.0   -1.49   -1.49   33.33   26.84   121.0   0.423  1442.9
 190.0   -1.43   -1.43   33.47   26.95   110.5   0.435  1443.6
 200.0   -1.33   -1.33   33.65   27.09    96.6   0.445  1444.5
 210.0   -1.18   -1.19   33.85   27.25    82.2   0.454  1445.6
 220.0   -1.00   -1.01   34.04   27.40    68.0   0.462  1446.9
 230.0   -0.82   -0.83   34.19   27.51    57.7   0.468  1448.1
 240.0   -0.66   -0.67   34.30   27.59    49.8   0.474  1449.1
 250.0   -0.50   -0.51   34.40   27.67    42.8   0.478  1450.2
 260.0   -0.39   -0.40   34.48   27.73    37.4   0.482  1451.0
 270.0   -0.26   -0.27   34.53   27.76    34.2   0.486  1451.8
 280.0   -0.17   -0.18   34.58   27.79    31.1   0.489  1452.5
 290.0   -0.07   -0.08   34.61   27.82    28.9   0.492  1453.2
 300.0    0.00   -0.01   34.65   27.84    26.7   0.495  1453.7
 310.0    0.06    0.05   34.68   27.86    24.9   0.498  1454.2
 320.0    0.11    0.10   34.70   27.88    23.7   0.500  1454.6
 330.0    0.16    0.15   34.72   27.89    22.5   0.502  1455.0
 340.0    0.21    0.19   34.73   27.90    21.5   0.505  1455.4
 350.0    0.25    0.23   34.75   27.91    20.5   0.507  1455.8
 370.0    0.31    0.29   34.77   27.93    19.2   0.511  1456.4
 390.0    0.35    0.33   34.79   27.94    18.1   0.515  1457.0
 410.0    0.39    0.37   34.80   27.95    17.5   0.518  1457.5
 430.0    0.41    0.40   34.81   27.95    17.0   0.522  1457.9
 450.0    0.44    0.42   34.82   27.96    16.6   0.525  1458.4
 470.0    0.46    0.44   34.83   27.96    16.1   0.528  1458.8
 490.0    0.47    0.45   34.83   27.96    15.8   0.532  1459.2
 510.0    0.46    0.44   34.84   27.97    15.4   0.535  1459.5
 530.0    0.45    0.43   34.84   27.97    14.9   0.538  1459.8
 550.0    0.43    0.41   34.84   27.98    14.7   0.541  1460.1
 570.0    0.41    0.39   34.85   27.98    14.4   0.544  1460.3
 590.0    0.39    0.37   34.85   27.98    14.1   0.547  1460.6
 610.0    0.37    0.35   34.85   27.99    13.7   0.549  1460.8
 630.0    0.36    0.33   34.85   27.99    13.6   0.552  1461.1
 650.0    0.34    0.31   34.85   27.99    13.4   0.555  1461.3
 670.0    0.31    0.28   34.86   27.99    13.0   0.558  1461.5
 690.0    0.29    0.25   34.86   28.00    12.7   0.560  1461.7
 710.0    0.26    0.23   34.86   28.00    12.5   0.563  1462.0
 730.0    0.23    0.19   34.86   28.00    12.1   0.565  1462.1
 731.4    0.22    0.19   34.86   28.00    12.0   0.565  1462.2

                        DEPTH       TEMP.        SALIN

     BOT NUM = 1          5.0                    30.34
     BOT NUM = 2        159.5                    32.94
     BOT NUM = 3        349.3                    34.72
     BOT NUM = 4        732.2                    34.85
```

```
BIG BEAR STATION  32(1) STD  13/APR/1975  531 GMT  CODE = 2
LAT = 76.3546N LNG = 145.2691W LTER =      1. LGER =      2.
AIR TEMP =        BAROM = 1032.0 WIND =       SPEED =

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.66   -1.66   30.34   24.42   351.5   0.000  1434.9
   3.8   -1.66   -1.66   30.34   24.42   351.5   0.013  1435.0
   5.0   -1.66   -1.66   30.34   24.42   351.5   0.018  1435.0
  10.0   -1.66   -1.66   30.34   24.43   351.3   0.035  1435.1
  15.0   -1.66   -1.66   30.34   24.43   351.2   0.053  1435.2
  20.0   -1.66   -1.66   30.34   24.43   351.2   0.071  1435.3
  25.0   -1.66   -1.66   30.34   24.42   351.1   0.088  1435.4
  30.0   -1.66   -1.66   30.34   24.42   351.1   0.106  1435.4
  35.0   -1.66   -1.66   30.34   24.42   351.1   0.124  1435.5
  40.0   -1.66   -1.66   30.34   24.42   351.0   0.141  1435.6
  45.0   -1.66   -1.66   30.34   24.42   351.0   0.159  1435.7
  50.0   -1.65   -1.66   30.34   24.42   350.9   0.177  1435.8
  55.0   -1.43   -1.43   30.78   24.78   317.4   0.194  1437.5
  60.0   -1.24   -1.25   31.39   25.26   271.2   0.209  1439.4
  65.0   -1.11   -1.11   31.79   25.58   241.0   0.221  1440.6
  70.0   -1.10   -1.10   31.95   25.71   228.7   0.233  1441.0
  80.0   -1.24   -1.25   32.12   25.86   214.7   0.256  1440.7
  90.0   -1.31   -1.31   32.29   25.99   201.6   0.277  1440.8
 100.0   -1.36   -1.37   32.43   26.11   190.7   0.296  1440.9
 110.0   -1.41   -1.41   32.56   26.21   180.4   0.315  1441.1
 120.0   -1.44   -1.45   32.66   26.30   172.6   0.333  1441.2
 130.0   -1.48   -1.48   32.77   26.39   164.0   0.350  1441.4
 140.0   -1.50   -1.50   32.87   26.46   156.4   0.366  1441.6
 150.0   -1.51   -1.51   32.96   26.54   149.6   0.381  1441.8
 160.0   -1.52   -1.53   33.05   26.61   142.6   0.396  1442.0
 170.0   -1.51   -1.51   33.16   26.70   133.8   0.410  1442.4
 180.0   -1.48   -1.48   33.29   26.80   124.3   0.423  1442.9
 190.0   -1.43   -1.43   33.43   26.92   113.4   0.435  1443.5
 200.0   -1.35   -1.35   33.57   27.03   103.0   0.446  1444.2
 210.0   -1.22   -1.22   33.79   27.20    86.7   0.456  1445.3
 220.0   -1.03   -1.04   34.01   27.37    70.2   0.464  1446.7
 230.0   -0.81   -0.82   34.18   27.50    58.0   0.470  1448.1
 240.0   -0.66   -0.67   34.31   27.60    49.1   0.475  1449.1
 250.0   -0.53   -0.54   34.38   27.65    44.2   0.480  1450.0
 260.0   -0.40   -0.40   34.46   27.71    39.2   0.484  1450.9
 270.0   -0.28   -0.29   34.52   27.75    35.0   0.488  1451.7
 280.0   -0.16   -0.17   34.57   27.78    32.0   0.492  1452.5
 290.0   -0.08   -0.10   34.60   27.81    29.6   0.495  1453.1
 300.0   -0.01   -0.02   34.64   27.83    27.5   0.498  1453.6
 310.0    0.06    0.05   34.67   27.86    25.4   0.500  1454.2
 320.0    0.11    0.10   34.70   27.88    23.6   0.503  1454.6
 330.0    0.16    0.15   34.72   27.89    22.5   0.505  1455.0
 340.0    0.22    0.20   34.73   27.90    21.7   0.507  1455.4
 350.0    0.26    0.24   34.75   27.91    20.8   0.509  1455.8
 370.0    0.30    0.29   34.77   27.92    19.4   0.513  1456.4
 390.0    0.35    0.34   34.78   27.93    18.5   0.517  1457.0
 410.0    0.39    0.37   34.79   27.94    18.0   0.521  1457.5
 430.0    0.42    0.40   34.81   27.95    17.3   0.524  1457.9
 450.0    0.43    0.41   34.81   27.95    17.0   0.528  1458.4
 470.0    0.45    0.43   34.82   27.96    16.5   0.531  1458.8
 490.0    0.46    0.44   34.82   27.96    16.3   0.535  1459.2
 510.0    0.47    0.45   34.83   27.96    16.2   0.538  1459.5
 530.0    0.46    0.44   34.83   27.97    15.7   0.541  1459.8
 550.0    0.46    0.43   34.84   27.97    15.1   0.544  1460.2
 570.0    0.43    0.41   34.84   27.98    14.9   0.547  1460.4
 590.0    0.42    0.39   34.84   27.98    14.6   0.550  1460.6
 610.0    0.39    0.36   34.85   27.98    14.0   0.553  1460.9
 630.0    0.36    0.33   34.85   27.99    13.8   0.556  1461.1
 650.0    0.34    0.31   34.85   27.99    13.4   0.559  1461.3
 670.0    0.30    0.27   34.85   27.99    13.2   0.561  1461.5
 690.0    0.28    0.25   34.86   27.99    12.9   0.564  1461.7
 710.0    0.25    0.22   34.86   28.00    12.4   0.567  1461.9
 730.0    0.22    0.19   34.86   28.00    12.2   0.569  1462.1
 733.1    0.22    0.19   34.86   28.00    12.2   0.569  1462.2

                        DEPTH       TEMP.        SALIN

     BOT NUM = 1        316.7        0.00        34.67
     BOT NUM = 2        315.0        0.03        34.67
     BOT NUM = 3        315.0        0.03        34.69
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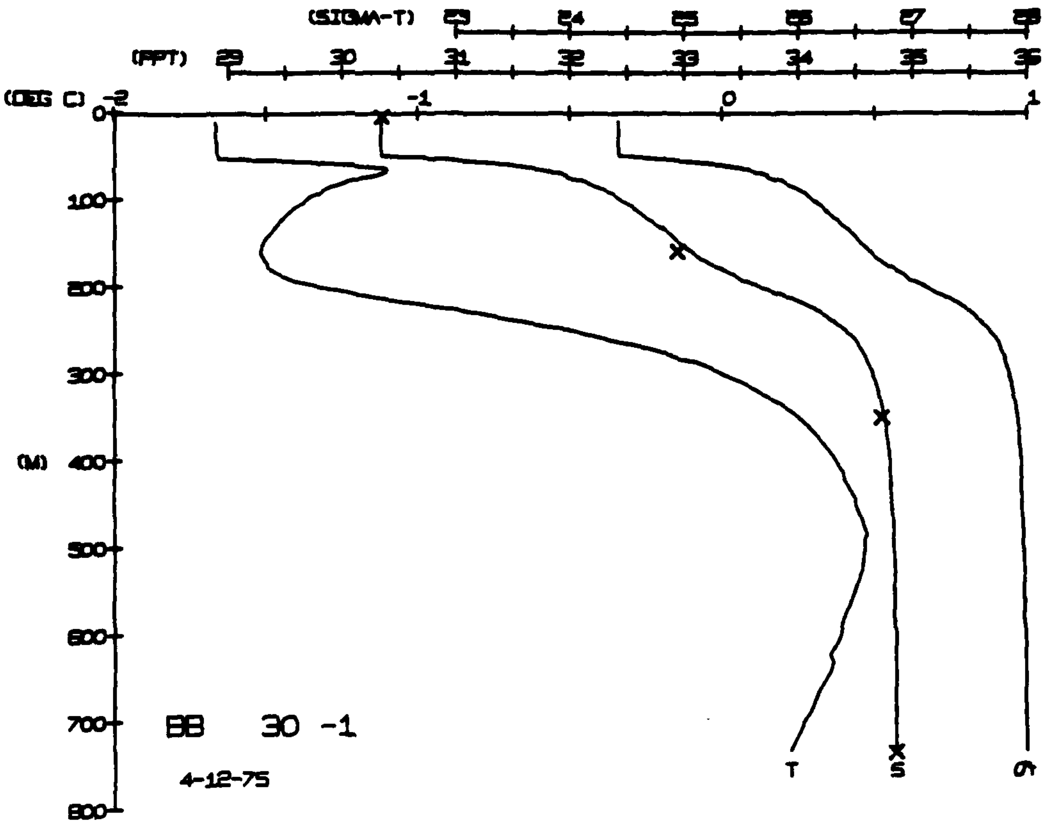
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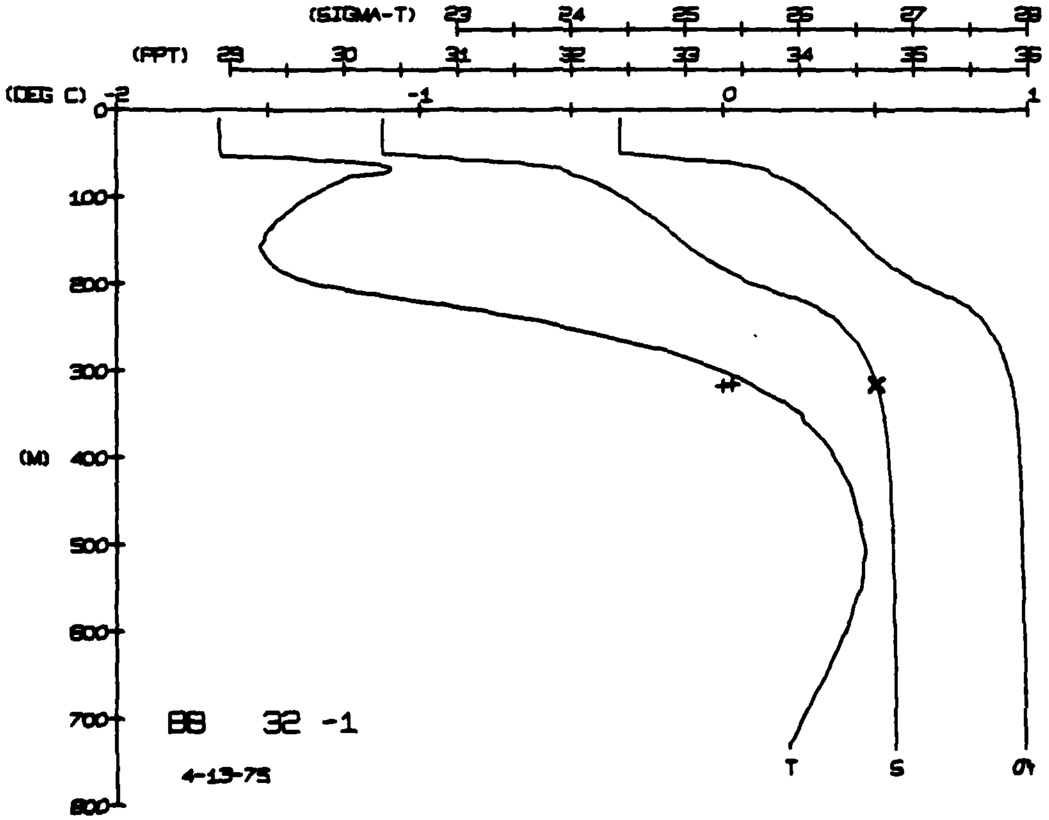
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 30 -1
4-12-75
T
S
σt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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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100
200
300
(M) 400
500
600
700
800
BB 32 -1
4-13-75
T
S
σt

```
                              BIG BEAR STATION  34(1) STD  13/APR/1975 1728 GMT  CODE = 2
                               LAT = 76.3555N LNG = 145.2859W LTER =     13. LGER =     38.
                               AIR TEMP =          BARUM = 1031.9 WIND =        SPEED =

 DEPTH   TEMP.  PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND             DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.68  -1.68   30.36   24.44   350.3   0.000   1434.9            850.0    0.08    0.04   34.88   28.02     9.6   0.615  1463.5
   4.9   -1.68  -1.68   30.36   24.44   350.2   0.017   1434.9
   5.0   -1.68  -1.68   30.36   24.44   350.2   0.018   1434.9
  10.0   -1.68  -1.68   30.36   24.44   350.2   0.035   1435.0
  15.0   -1.67  -1.67   30.36   24.44   350.0   0.053   1435.1
  20.0   -1.67  -1.67   30.36   24.44   349.9   0.071   1435.2
  25.0   -1.67  -1.68   30.36   24.44   349.9   0.088   1435.3
  30.0   -1.67  -1.68   30.36   24.44   349.8   0.106   1435.4
  35.0   -1.68  -1.68   30.36   24.44   349.8   0.123   1435.5
  40.0   -1.68  -1.68   30.36   24.44   349.7   0.141   1435.5
  45.0   -1.68  -1.68   30.36   24.44   349.7   0.159   1435.6
  50.0   -1.68  -1.68   30.36   24.44   349.6   0.176   1435.7
  55.0   -1.64  -1.64   30.39   24.47   346.9   0.194   1436.0
  60.0   -1.31  -1.31   31.08   25.00   296.2   0.210   1438.6
  65.0   -1.17  -1.17   31.55   25.39   258.8   0.224   1440.0
  70.0   -1.14  -1.14   31.80   25.59   240.0   0.237   1440.6
  80.0   -1.20  -1.20   32.01   25.77   223.2   0.260   1440.8
  90.0   -1.29  -1.29   32.22   25.93   207.3   0.282   1440.8
 100.0   -1.36  -1.37   32.36   26.05   195.8   0.302   1440.8
 110.0   -1.41  -1.41   32.47   26.14   187.8   0.321   1440.9
 120.0   -1.45  -1.45   32.58   26.23   179.0   0.340   1441.1
 130.0   -1.46  -1.46   32.68   26.31   171.0   0.357   1441.3
 140.0   -1.49  -1.50   32.77   26.39   163.7   0.374   1441.5
 150.0   -1.51  -1.51   32.86   26.46   157.1   0.390   1441.7
 160.0   -1.53  -1.54   32.95   26.53   149.9   0.406   1441.9
 170.0   -1.54  -1.54   33.03   26.59   143.8   0.421   1442.1
 180.0   -1.53  -1.54   33.12   26.66   137.2   0.435   1442.4
 190.0   -1.51  -1.52   33.23   26.75   128.7   0.448   1442.8
 200.0   -1.48  -1.49   33.36   26.87   118.1   0.461   1443.3
 210.0   -1.41  -1.42   33.52   26.99   106.2   0.472   1444.0
 220.0   -1.29  -1.29   33.69   27.13    93.4   0.482   1445.0
 230.0   -1.15  -1.16   33.87   27.26    80.8   0.491   1446.1
 240.0   -1.00  -1.01   34.01   27.37    70.5   0.499   1447.2
 250.0   -0.85  -0.86   34.15   27.48    60.5   0.505   1448.2
 260.0   -0.70  -0.70   34.29   27.58    50.5   0.511   1449.3
 270.0   -0.56  -0.57   34.37   27.64    44.9   0.516   1450.2
 280.0   -0.44  -0.45   34.45   27.70    39.4   0.520   1451.0
 290.0   -0.31  -0.33   34.51   27.75    35.5   0.524   1451.9
 300.0   -0.21  -0.22   34.56   27.79    31.9   0.527   1452.6
 310.0   -0.13  -0.14   34.61   27.82    29.1   0.530   1453.2
 320.0   -0.05  -0.07   34.63   27.83    27.4   0.533   1453.7
 330.0    0.01   0.00   34.66   27.85    25.6   0.536   1454.2
 340.0    0.06   0.04   34.69   27.87    24.0   0.538   1454.7
 350.0    0.10   0.08   34.70   27.88    23.0   0.541   1455.0
 370.0    0.18   0.16   34.74   27.90    21.1   0.545   1455.8
 390.0    0.25   0.23   34.76   27.92    19.4   0.549   1456.5
 410.0    0.29   0.28   34.78   27.94    18.2   0.553   1457.0
 430.0    0.33   0.31   34.79   27.94    17.6   0.557   1457.5
 450.0    0.36   0.35   34.81   27.95    16.9   0.560   1458.0
 470.0    0.39   0.37   34.81   27.95    16.6   0.563   1458.5
 490.0    0.41   0.39   34.82   27.96    16.0   0.567   1458.9
 510.0    0.42   0.40   34.83   27.97    15.4   0.570   1459.3
 530.0    0.44   0.41   34.84   27.97    15.3   0.573   1459.7
 550.0    0.44   0.41   34.84   27.97    15.2   0.576   1460.1
 570.0    0.43   0.41   34.84   27.98    14.7   0.579   1460.4
 590.0    0.43   0.40   34.85   27.98    14.5   0.582   1460.7
 610.0    0.40   0.38   34.85   27.98    14.1   0.585   1460.9
 630.0    0.39   0.36   34.85   27.98    13.9   0.588   1461.2
 650.0    0.38   0.35   34.85   27.99    13.7   0.591   1461.5
 670.0    0.37   0.34   34.86   27.99    13.2   0.593   1461.8
 690.0    0.35   0.32   34.86   27.99    13.1   0.596   1462.0
 710.0    0.32   0.29   34.86   28.00    12.7   0.599   1462.2
 730.0    0.30   0.26   34.86   28.00    12.5   0.601   1462.5
 750.0    0.27   0.23   34.87   28.00    12.1   0.604   1462.7
 800.0    0.19   0.16   34.87   28.01    11.1   0.609   1463.2

                                                   DEPTH         TEMP.         SALIN

                                 BUT NUM = 1         5.7                       30.36
                                 BUT NUM = 2       879.7         -0.01         34.88
                                 BUT NUM = 3       880.0         -0.01         34.88
                                 BUT NUM = 4       876.5          0.02         34.89
                                 BUT NUM = 5       876.5          0.03         34.89
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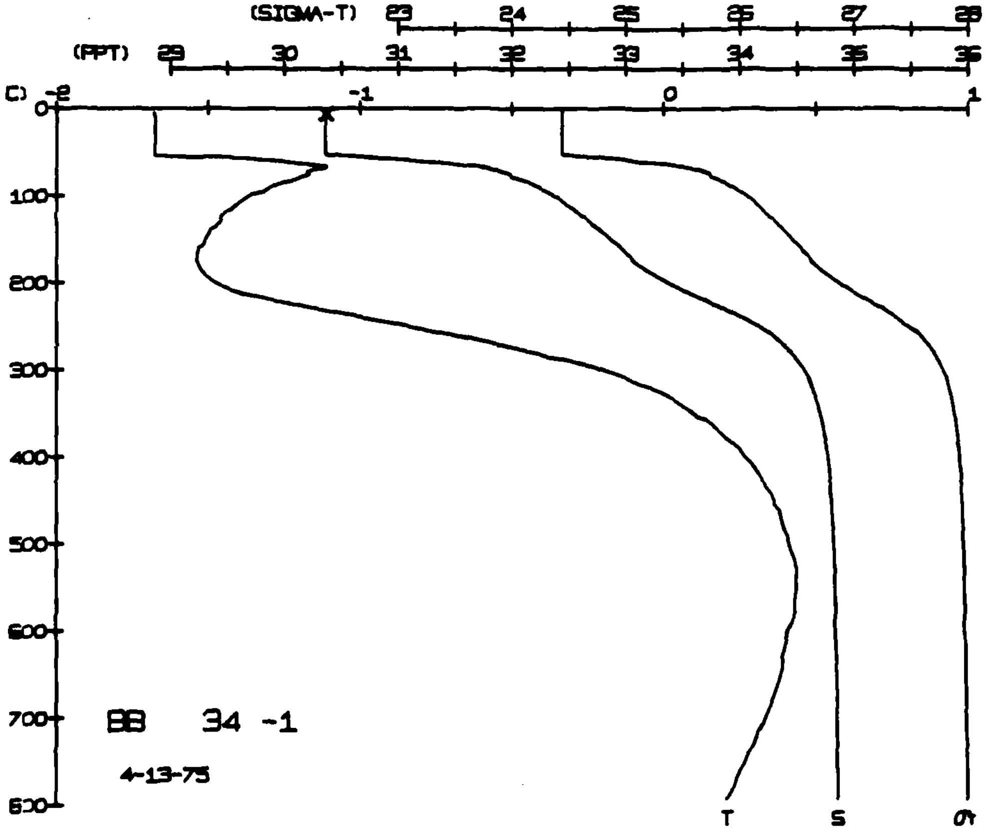
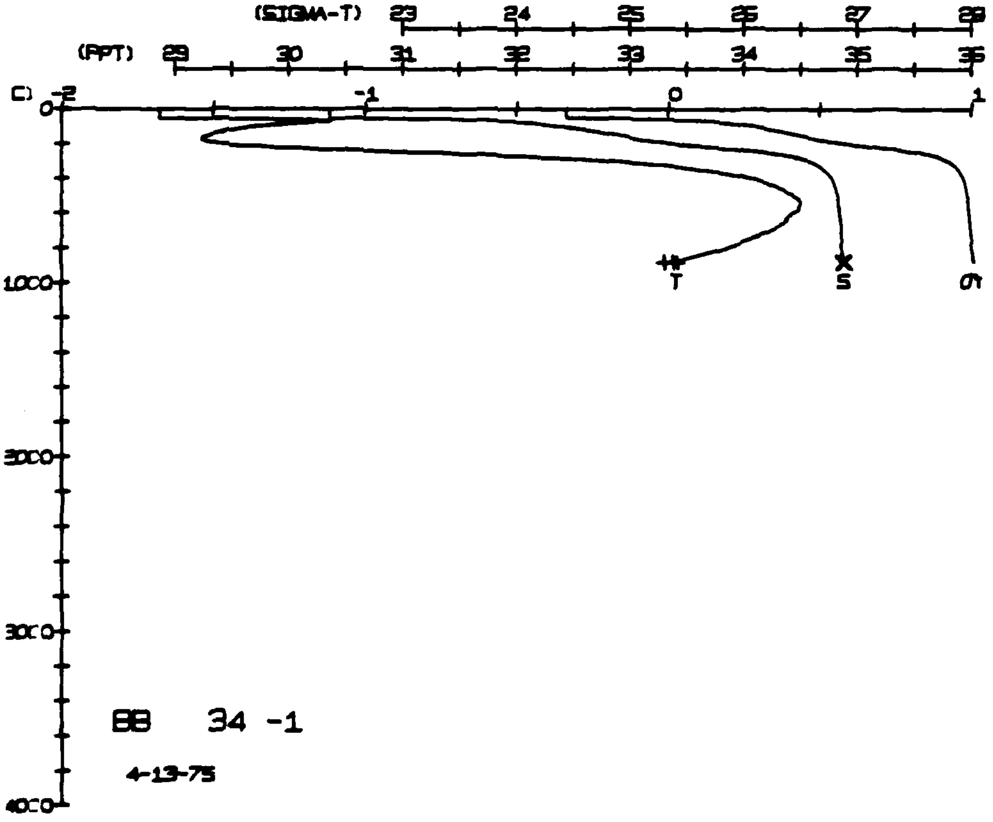


BB 34 -1

4-13-75



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4-13-75

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BIG BEAR STATION  35(1) CTD  13/APR/1975 2151 GMT  CODE = 2
LAT = 76.3589N LNG = 145.2964W LTER =      1. LGER =      2.
AIR TEMP =         BAROM = 1030.9 WIND =       SPEED =

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.65   -1.65   30.33   24.41   352.7   0.000  1434.9
   5.0   -1.65   -1.66   30.33   24.41   352.7   0.018  1435.0
   6.0   -1.65   -1.66   30.33   24.41   352.6   0.024  1435.0
  10.0   -1.66   -1.66   30.33   24.41   352.4   0.036  1435.1
  15.0   -1.66   -1.66   30.33   24.42   352.2   0.053  1435.2
  20.0   -1.66   -1.66   30.33   24.42   351.9   0.071  1435.3
  25.0   -1.66   -1.66   30.34   24.42   351.8   0.089  1435.4
  30.0   -1.65   -1.66   30.34   24.42   351.5   0.106  1435.4
  35.0   -1.65   -1.66   30.34   24.42   351.5   0.124  1435.5
  40.0   -1.65   -1.66   30.34   24.42   351.2   0.142  1435.6
  45.0   -1.65   -1.66   30.34   24.42   351.2   0.159  1435.7
  50.0   -1.66   -1.66   30.34   24.42   351.0   0.177  1435.8
  55.0   -1.59   -1.59   30.49   24.54   339.5   0.195  1436.4
  60.0   -1.18   -1.18   31.26   25.16   280.9   0.210  1439.5
  65.0   -1.09   -1.09   31.60   25.43   255.7   0.224  1440.4
  70.0   -1.09   -1.09   31.77   25.57   242.1   0.236  1440.8
  80.0   -1.19   -1.19   32.03   25.78   222.1   0.260  1440.8
  90.0   -1.29   -1.30   32.24   25.95   205.8   0.281  1440.8
 100.0   -1.36   -1.36   32.39   26.08   193.4   0.301  1440.9
 110.0   -1.41   -1.41   32.53   26.19   182.8   0.320  1441.0
 120.0   -1.44   -1.44   32.65   26.29   173.9   0.338  1441.2
 130.0   -1.47   -1.47   32.75   26.37   165.9   0.355  1441.3
 140.0   -1.50   -1.50   32.85   26.45   157.6   0.372  1441.5
 150.0   -1.52   -1.52   32.94   26.53   150.5   0.387  1441.7
 160.0   -1.52   -1.53   33.05   26.61   142.5   0.402  1442.0
 170.0   -1.52   -1.52   33.16   26.70   134.3   0.416  1442.4
 180.0   -1.49   -1.49   33.27   26.79   125.3   0.429  1442.8
 190.0   -1.44   -1.44   33.40   26.89   115.6   0.441  1443.4
 200.0   -1.33   -1.34   33.60   27.05   100.9   0.452  1444.4
 210.0   -1.17   -1.17   33.82   27.22    84.4   0.462  1445.6
 220.0   -0.96   -0.97   34.04   27.39    68.6   0.469  1447.0
 230.0   -0.75   -0.77   34.21   27.52    56.2   0.476  1448.4
 240.0   -0.59   -0.60   34.33   27.61    48.1   0.481  1449.5
 250.0   -0.46   -0.47   34.41   27.67    42.4   0.485  1450.4
 260.0   -0.35   -0.36   34.48   27.73    37.5   0.489  1451.2
 270.0   -0.24   -0.25   34.54   27.77    33.6   0.493  1451.9
 280.0   -0.14   -0.15   34.58   27.80    30.9   0.496  1452.6
 290.0   -0.05   -0.06   34.63   27.83    28.0   0.499  1453.2
 300.0    0.01    0.00   34.66   27.85    25.9   0.502  1453.7
 310.0    0.07    0.05   34.69   27.87    24.1   0.505  1454.2
 320.0    0.12    0.11   34.71   27.89    22.5   0.507  1454.6
 330.0    0.17    0.15   34.73   27.90    21.3   0.509  1455.0
 340.0    0.20    0.19   34.75   27.91    20.4   0.511  1455.4
 350.0    0.23    0.22   34.76   27.92    19.4   0.513  1455.7
 370.0    0.29    0.28   34.79   27.94    17.9   0.517  1456.4
 390.0    0.33    0.32   34.80   27.95    16.9   0.520  1456.9
 410.0    0.38    0.36   34.82   27.96    16.2   0.524  1457.5
 430.0    0.40    0.38   34.83   27.97    15.5   0.527  1457.9
 450.0    0.43    0.41   34.84   27.97    14.9   0.530  1458.4
 470.0    0.45    0.43   34.85   27.98    14.4   0.533  1458.8
 490.0    0.46    0.43   34.86   27.98    13.9   0.536  1459.2
 510.0    0.46    0.44   34.86   27.98    13.9   0.539  1459.5
 530.0    0.46    0.43   34.86   27.99    13.6   0.542  1459.9
 550.0    0.44    0.42   34.87   27.99    13.2   0.544  1460.1
 570.0    0.42    0.40   34.87   28.00    12.9   0.547  1460.4
 590.0    0.41    0.38   34.87   28.00    12.5   0.549  1460.6
 610.0    0.38    0.36   34.87   28.00    12.1   0.552  1460.9
 630.0    0.35    0.32   34.88   28.01    11.8   0.554  1461.1
 650.0    0.33    0.30   34.88   28.01    11.6   0.557  1461.3
 670.0    0.30    0.27   34.88   28.01    11.3   0.559  1461.5
 690.0    0.27    0.24   34.88   28.01    11.0   0.561  1461.7
 710.0    0.24    0.21   34.88   28.02    10.7   0.563  1461.9
 730.0    0.21    0.18   34.88   28.02    10.5   0.566  1462.1

                        DEPTH      TEMP.      SALIN

       BOT NUM = 1        6.0                 30.35
       BOT NUM = 2      246.6      -0.63      34.31
       BOT NUM = 3      345.4       0.17      34.75
       BOT NUM = 4      496.6                 34.84
       BOT NUM = 5      733.0                 34.87
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BIG BEAR STATION  37(1) STD  14/APR/1975  501 GMT  CODE = 2
LAT = 76.3726N LNG = 145.3408W LTER =      1. LGER =      2.
AIR TEMP =         BAROM = 1027.8 WIND =       SPEED =

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.64   -1.64   30.34   24.42   351.6   0.000  1435.0
   4.5   -1.64   -1.64   30.34   24.42   351.6   0.016  1435.1
   5.0   -1.64   -1.64   30.34   24.42   351.6   0.018  1435.1
  10.0   -1.66   -1.66   30.35   24.43   351.1   0.035  1435.1
  15.0   -1.66   -1.67   30.35   24.43   350.4   0.053  1435.2
  20.0   -1.67   -1.67   30.36   24.44   350.2   0.071  1435.2
  25.0   -1.67   -1.67   30.36   24.44   350.0   0.088  1435.3
  30.0   -1.67   -1.67   30.37   24.44   349.3   0.106  1435.4
  35.0   -1.67   -1.67   30.37   24.44   349.2   0.124  1435.5
  40.0   -1.67   -1.67   30.37   24.45   348.9   0.141  1435.6
  45.0   -1.67   -1.67   30.37   24.45   348.6   0.159  1435.7
  50.0   -1.67   -1.67   30.37   24.45   348.5   0.176  1435.7
  55.0   -1.67   -1.67   30.69   24.71   323.9   0.193  1436.3
  60.0   -1.26   -1.26   31.14   25.07   289.9   0.209  1439.0
  65.0   -1.13   -1.13   31.61   25.44   254.6   0.222  1440.3
  70.0   -1.10   -1.10   31.85   25.63   235.9   0.235  1440.8
  80.0   -1.21   -1.21   32.12   25.86   214.7   0.257  1440.9
  90.0   -1.32   -1.32   32.28   25.98   202.5   0.278  1440.8
 100.0   -1.37   -1.38   32.40   26.08   192.7   0.298  1440.8
 110.0   -1.43   -1.43   32.54   26.20   181.9   0.317  1440.9
 120.0   -1.46   -1.46   32.66   26.29   172.7   0.335  1441.1
 130.0   -1.48   -1.48   32.76   26.37   165.2   0.352  1441.3
 140.0   -1.50   -1.50   32.85   26.45   157.5   0.368  1441.6
 150.0   -1.52   -1.52   32.95   26.53   150.2   0.384  1441.7
 160.0   -1.53   -1.54   33.04   26.61   142.8   0.399  1442.0
 170.0   -1.52   -1.53   33.14   26.68   135.5   0.413  1442.3
 180.0   -1.50   -1.51   33.27   26.79   125.5   0.426  1442.8
 190.0   -1.46   -1.46   33.41   26.90   114.5   0.438  1443.3
 200.0   -1.38   -1.38   33.59   27.04   101.4   0.449  1444.1
 210.0   -1.23   -1.24   33.79   27.20    86.7   0.458  1445.3
 220.0   -1.05   -1.05   33.98   27.35    72.3   0.467  1446.6
 230.0   -0.87   -0.88   34.15   27.48    60.5   0.473  1447.8
 240.0   -0.70   -0.71   34.29   27.58    50.6   0.479  1449.0
 250.0   -0.55   -0.55   34.38   27.66    44.0   0.484  1450.0
 260.0   -0.42   -0.43   34.46   27.71    38.7   0.488  1450.8
 270.0   -0.30   -0.31   34.52   27.76    34.5   0.491  1451.6
 280.0   -0.20   -0.21   34.57   27.79    31.1   0.495  1452.3
 290.0   -0.10   -0.11   34.62   27.82    28.4   0.498  1453.0
 300.0   -0.02   -0.03   34.65   27.85    26.3   0.501  1453.6
 310.0    0.04    0.03   34.68   27.87    24.5   0.503  1454.1
 320.0    0.09    0.08   34.71   27.88    22.9   0.506  1454.5
 330.0    0.15    0.14   34.73   27.90    21.6   0.508  1455.0
 340.0    0.20    0.18   34.74   27.91    20.6   0.510  1455.4
 350.0    0.23    0.22   34.76   27.92    19.6   0.512  1455.7
 370.0    0.28    0.27   34.78   27.94    18.1   0.516  1456.3
 390.0    0.33    0.32   34.80   27.95    17.2   0.519  1456.9
 410.0    0.37    0.35   34.81   27.96    16.5   0.523  1457.4
 430.0    0.39    0.37   34.82   27.96    16.1   0.526  1457.9
 450.0    0.42    0.40   34.83   27.97    15.6   0.529  1458.3
 470.0    0.44    0.42   34.84   27.97    15.1   0.532  1458.7
 490.0    0.45    0.43   34.84   27.98    14.8   0.535  1459.1
 510.0    0.44    0.42   34.85   27.98    14.5   0.538  1459.4
 530.0    0.44    0.41   34.85   27.98    14.1   0.541  1459.8
 550.0    0.41    0.39   34.86   27.99    13.6   0.544  1460.0
 570.0    0.40    0.37   34.86   27.99    13.2   0.547  1460.3
 590.0    0.38    0.35   34.86   28.00    12.7   0.549  1460.5
 610.0    0.36    0.33   34.87   28.00    12.5   0.552  1460.8
 630.0    0.35    0.32   34.87   28.00    12.4   0.554  1461.0
 650.0    0.33    0.30   34.87   28.00    12.3   0.557  1461.3
 670.0    0.30    0.27   34.87   28.00    12.1   0.559  1461.5
 690.0    0.27    0.24   34.87   28.01    11.7   0.562  1461.7
 710.0    0.25    0.21   34.87   28.01    11.4   0.564  1461.9
 730.0    0.21    0.18   34.87   28.01    10.9   0.566  1462.1
 748.4    0.18    0.15   34.88   28.02    10.7   0.568  1462.3

                        DEPTH      TEMP.      SALIN

       BOT NUM = 1        4.8      -1.62      30.35
       BOT NUM = 2      151.7                 32.88
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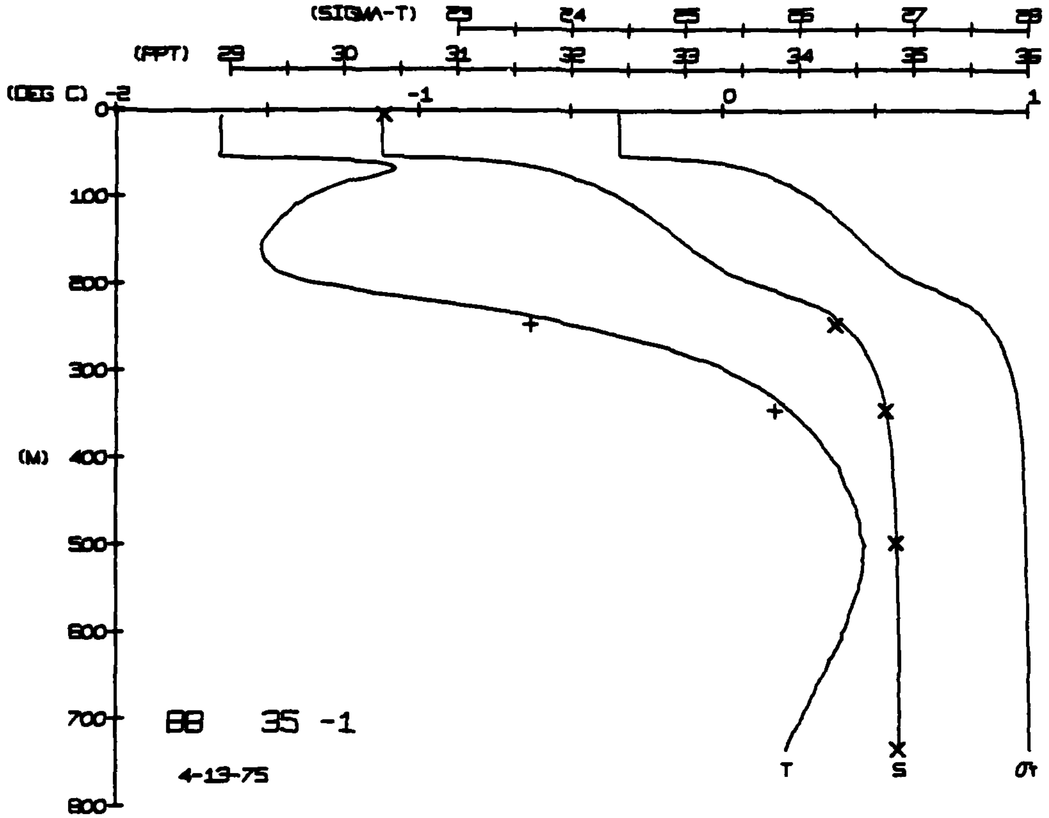
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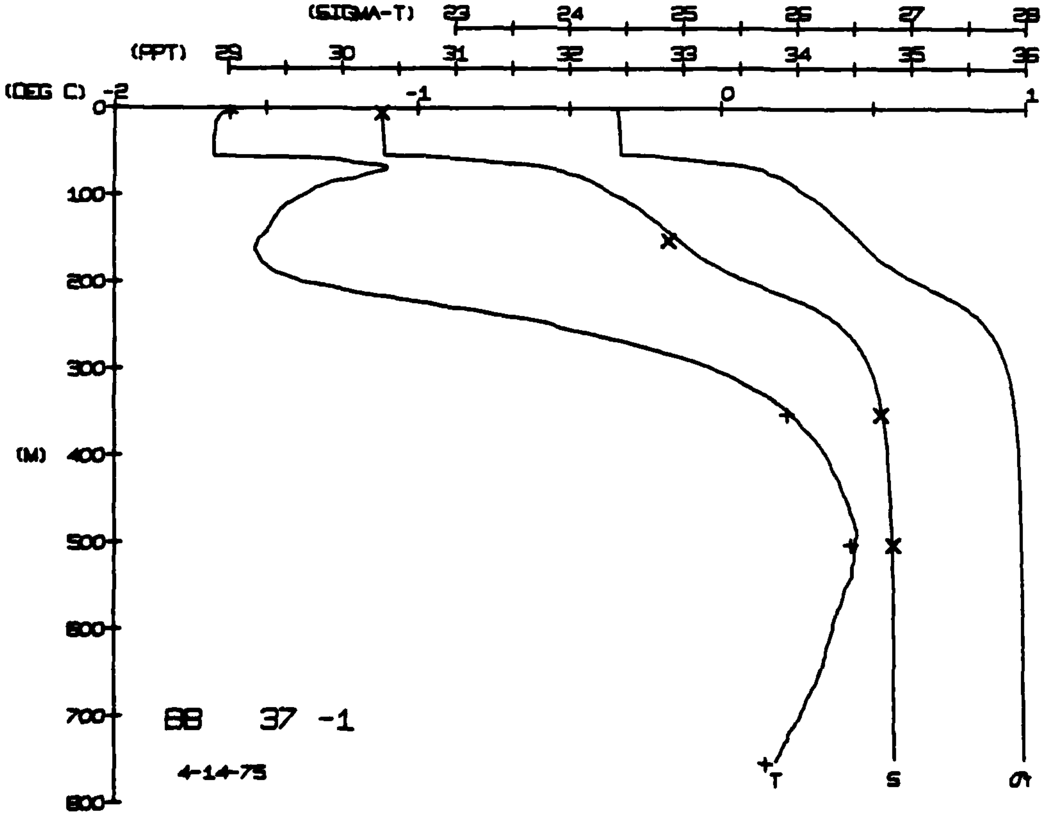
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(PPT) 29 30 31 32 33 34 35 36
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S
σt

```
BIG BEAR STATION  39(2) STD  14/APR/1975 1709 GMT  CODE = 2
LAT = 76.4179N LNG = 145.5083W LTER =      1. LGER =      1.
AIR TEMP =        BAROM = 1017.5 WIND =       SPEED =

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.68   -1.68   30.37   24.45   349.1   0.000  1434.9
   4.3   -1.68   -1.68   30.37   24.45   349.0   0.015  1435.0
   5.0   -1.68   -1.68   30.38   24.45   348.9   0.018  1435.0
  10.0   -1.67   -1.67   30.38   24.45   348.8   0.035  1435.1
  15.0   -1.67   -1.67   30.38   24.45   348.7   0.053  1435.2
  20.0   -1.67   -1.67   30.38   24.45   348.5   0.070  1435.3
  25.0   -1.67   -1.67   30.38   24.45   348.4   0.088  1435.3
  30.0   -1.67   -1.67   30.38   24.45   348.4   0.105  1435.4
  35.0   -1.67   -1.67   30.38   24.45   348.2   0.123  1435.5
  40.0   -1.67   -1.67   30.38   24.46   348.1   0.140  1435.6
  45.0   -1.67   -1.67   30.38   24.46   348.0   0.158  1435.7
  50.0   -1.67   -1.67   30.38   24.46   347.8   0.175  1435.8
  55.0   -1.66   -1.67   30.39   24.46   347.5   0.193  1435.9
  60.0   -1.38   -1.38   30.73   24.73   321.7   0.210  1437.8
  65.0   -1.19   -1.19   31.29   25.18   278.9   0.225  1439.6
  70.0   -1.08   -1.08   31.57   25.40   257.6   0.238  1440.5
  80.0   -1.17   -1.17   31.95   25.72   227.8   0.263  1440.8
  90.0   -1.29   -1.30   32.17   25.90   210.6   0.285  1440.7
 100.0   -1.36   -1.36   32.33   26.03   198.3   0.306  1440.8
 110.0   -1.41   -1.41   32.47   26.14   187.6   0.325  1440.9
 120.0   -1.45   -1.45   32.58   26.23   178.7   0.344  1441.1
 130.0   -1.47   -1.48   32.70   26.33   169.4   0.361  1441.3
 140.0   -1.49   -1.49   32.80   26.41   161.9   0.378  1441.5
 150.0   -1.51   -1.51   32.90   26.49   154.0   0.394  1441.7
 160.0   -1.52   -1.53   32.99   26.56   147.1   0.409  1441.9
 170.0   -1.52   -1.52   33.09   26.64   139.3   0.423  1442.3
 180.0   -1.50   -1.51   33.18   26.71   132.5   0.437  1442.6
 190.0   -1.48   -1.48   33.29   26.80   124.3   0.450  1443.1
 200.0   -1.42   -1.43   33.42   26.91   114.3   0.462  1443.7
 210.0   -1.33   -1.33   33.61   27.06   100.0   0.473  1444.6
 220.0   -1.18   -1.19   33.79   27.20    86.9   0.482  1445.7
 230.0   -1.00   -1.00   33.99   27.35    72.1   0.490  1447.0
 240.0   -0.79   -0.79   34.18   27.50    58.3   0.497  1448.4
 250.0   -0.64   -0.65   34.30   27.59    49.7   0.502  1449.4
 260.0   -0.51   -0.52   34.40   27.67    42.7   0.507  1450.3
 270.0   -0.39   -0.40   34.47   27.72    37.9   0.511  1451.1
 280.0   -0.28   -0.29   34.53   27.76    33.8   0.515  1451.9
 290.0   -0.16   -0.17   34.58   27.80    30.7   0.518  1452.7
 300.0   -0.06   -0.07   34.63   27.83    28.1   0.521  1453.4
 310.0    0.00   -0.02   34.65   27.84    26.5   0.524  1453.8
 320.0    0.05    0.04   34.68   27.86    24.6   0.526  1454.3
 330.0    0.11    0.09   34.70   27.88    23.3   0.529  1454.7
 340.0    0.16    0.14   34.72   27.89    22.1   0.531  1455.1
 350.0    0.20    0.19   34.73   27.90    21.3   0.533  1455.5
 370.0    0.27    0.26   34.76   27.92    19.5   0.537  1456.2
 390.0    0.33    0.31   34.79   27.94    18.1   0.541  1456.8
 410.0    0.37    0.35   34.80   27.95    17.2   0.545  1457.4
 430.0    0.40    0.38   34.82   27.96    16.5   0.548  1457.9
 450.0    0.43    0.41   34.83   27.96    15.8   0.551  1458.4
 470.0    0.45    0.43   34.84   27.97    15.2   0.555  1458.8
 490.0    0.46    0.44   34.84   27.97    14.9   0.558  1459.2
 510.0    0.45    0.43   34.85   27.98    14.5   0.561  1459.5
 530.0    0.44    0.41   34.85   27.98    14.1   0.564  1459.8
 550.0    0.41    0.39   34.85   27.99    13.8   0.566  1460.0
 570.0    0.39    0.36   34.86   27.99    13.5   0.569  1460.2
 590.0    0.36    0.33   34.86   27.99    13.1   0.572  1460.4
 610.0    0.33    0.30   34.86   27.99    12.9   0.574  1460.6
 630.0    0.30    0.27   34.86   28.00    12.5   0.577  1460.8
 650.0    0.28    0.25   34.86   28.00    12.4   0.579  1461.0
 670.0    0.26    0.23   34.86   28.00    12.3   0.582  1461.3
 690.0    0.25    0.22   34.87   28.00    11.9   0.584  1461.6
 710.0    0.23    0.20   34.87   28.01    11.8   0.587  1461.9
 730.0    0.22    0.18   34.87   28.01    11.6   0.589  1462.1

                       DEPTH      TEMP.      SALIN

      BOT NUM = 1        5.7      -1.62
      BOT NUM = 2       72.4      -1.06      31.77
      BOT NUM = 3      544.4                 34.87
      BOT NUM = 4      730.8       0.19      34.90
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BIG BEAR STATION  43(1) STD  15/APR/1975 1727 GMT  CODE = 2
LAT = 76.4990N LNG = 145.5746W LTER =      1. LGER =      1.
AIR TEMP = -20.0 BAROM = 1002.5 WIND = 247.8 SPEED =  80.8

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0  -1.67   -1.67   30.39   24.46   348.2   0.000  1434.9
   5.0  -1.67   -1.67   30.39   24.46   348.1   0.018  1435.0
   5.7  -1.67   -1.67   30.39   24.46   348.1   0.020  1435.0
  10.0  -1.67   -1.67   30.39   24.46   347.9   0.035  1435.1
  15.0  -1.67   -1.67   30.39   24.46   347.6   0.053  1435.2
  20.0  -1.67   -1.67   30.39   24.46   347.6   0.070  1435.3
  25.0  -1.67   -1.67   30.39   24.46   347.6   0.088  1435.4
  30.0  -1.67   -1.67   30.39   24.46   347.6   0.105  1435.4
  35.0  -1.67   -1.67   30.39   24.46   347.5   0.123  1435.5
  40.0  -1.67   -1.67   30.39   24.46   347.4   0.140  1435.6
  45.0  -1.67   -1.67   30.39   24.46   347.3   0.158  1435.7
  50.0  -1.67   -1.67   30.44   24.50   343.5   0.175  1435.9
  55.0  -1.32   -1.32   31.01   24.96   300.3   0.191  1438.4
  60.0  -1.14   -1.14   31.45   25.31   266.6   0.205  1439.9
  65.0  -1.10   -1.10   31.71   25.52   246.9   0.218  1440.6
  70.0  -1.10   -1.10   31.88   25.65   234.1   0.231  1440.9
  80.0  -1.24   -1.25   32.10   25.84   216.3   0.253  1440.7
  90.0  -1.33   -1.33   32.30   26.00   200.9   0.274  1440.7
 100.0  -1.39   -1.39   32.46   26.13   188.4   0.294  1440.8
 110.0  -1.44   -1.44   32.60   26.24   177.5   0.312  1441.0
 120.0  -1.47   -1.48   32.71   26.34   168.6   0.330  1441.1
 130.0  -1.50   -1.51   32.82   26.43   160.0   0.346  1441.3
 140.0  -1.52   -1.53   32.92   26.50   152.7   0.362  1441.5
 150.0  -1.53   -1.54   33.02   26.59   144.6   0.377  1441.8
 160.0  -1.53   -1.54   33.10   76.66   138.1   0.391  1442.1
 170.0  -1.52   -1.52   33.22   26.75   129.6   0.405  1442.4
 180.0  -1.48   -1.48   33.30   26.81   123.4   0.418  1442.9
 190.0  -1.42   -1.42   33.41   26.90   115.1   0.430  1443.5
 200.0  -1.32   -1.32   33.61   27.06   100.0   0.441  1444.4
 210.0  -1.17   -1.17   33.78   27.19    87.7   0.450  1445.6
 220.0  -0.98   -0.98   33.99   27.35    72.2   0.458  1446.9
 230.0  -0.78   -0.79   34.14   27.47    61.3   0.465  1448.2
 240.0  -0.63   -0.63   34.28   27.57    51.6   0.471  1449.3
 250.0  -0.54   -0.55   34.36   27.64    45.7   0.475  1450.0
 260.0  -0.45   -0.46   34.43   27.69    41.0   0.480  1450.6
 270.0  -0.40   -0.41   34.48   27.73    37.1   0.484  1451.1
 280.0  -0.29   -0.30   34.54   27.77    33.5   0.487  1451.9
 290.0  -0.17   -0.18   34.59   27.80    30.3   0.491  1452.7
 300.0  -0.06   -0.07   34.63   27.83    27.6   0.493  1453.4
 310.0   0.01    0.00   34.66   27.85    25.6   0.496  1453.9
 320.0   0.07    0.06   34.69   27.87    23.8   0.499  1454.4
 330.0   0.12    0.11   34.71   27.89    22.3   0.501  1454.8
 340.0   0.17    0.16   34.73   27.90    21.2   0.503  1455.2
 350.0   0.23    0.21   34.75   27.92    20.1   0.505  1455.7
 370.0   0.32    0.31   34.79   27.94    18.2   0.509  1456.5
 390.0   0.37    0.36   34.81   27.95    17.1   0.513  1457.1
 410.0   0.42    0.40   34.82   27.96    16.1   0.516  1457.6
 430.0   0.45    0.43   34.84   27.97    15.4   0.519  1458.1
 450.0   0.46    0.44   34.84   27.97    14.8   0.522  1458.5
 470.0   0.46    0.44   34.85   27.98    14.4   0.525  1458.9
 490.0   0.45    0.42   34.85   27.98    14.0   0.528  1459.1
 510.0   0.41    0.38   34.86   27.99    13.3   0.531  1459.3
 530.0   0.36    0.34   34.86   28.00    12.8   0.534  1459.4
 550.0   0.32    0.29   34.87   28.00    12.3   0.536  1459.6
 570.0   0.28    0.25   34.87   28.01    11.8   0.538  1459.7
 590.0   0.25    0.22   34.87   28.01    11.6   0.541  1459.9
 610.0   0.22    0.20   34.87   28.01    11.2   0.543  1460.1
 630.0   0.20    0.17   34.87   28.01    11.2   0.545  1460.4
 650.0   0.19    0.16   34.87   28.01    11.0   0.548  1460.7
 670.0   0.17    0.14   34.87   28.01    10.8   0.550  1460.9
 690.0   0.15    0.12   34.87   28.02    10.5   0.552  1461.2
 710.0   0.14    0.11   34.88   28.02    10.4   0.554  1461.5
 730.0   0.13    0.09   34.88   28.02    10.1   0.556  1461.7

                       DEPTH      TEMP.      SALIN

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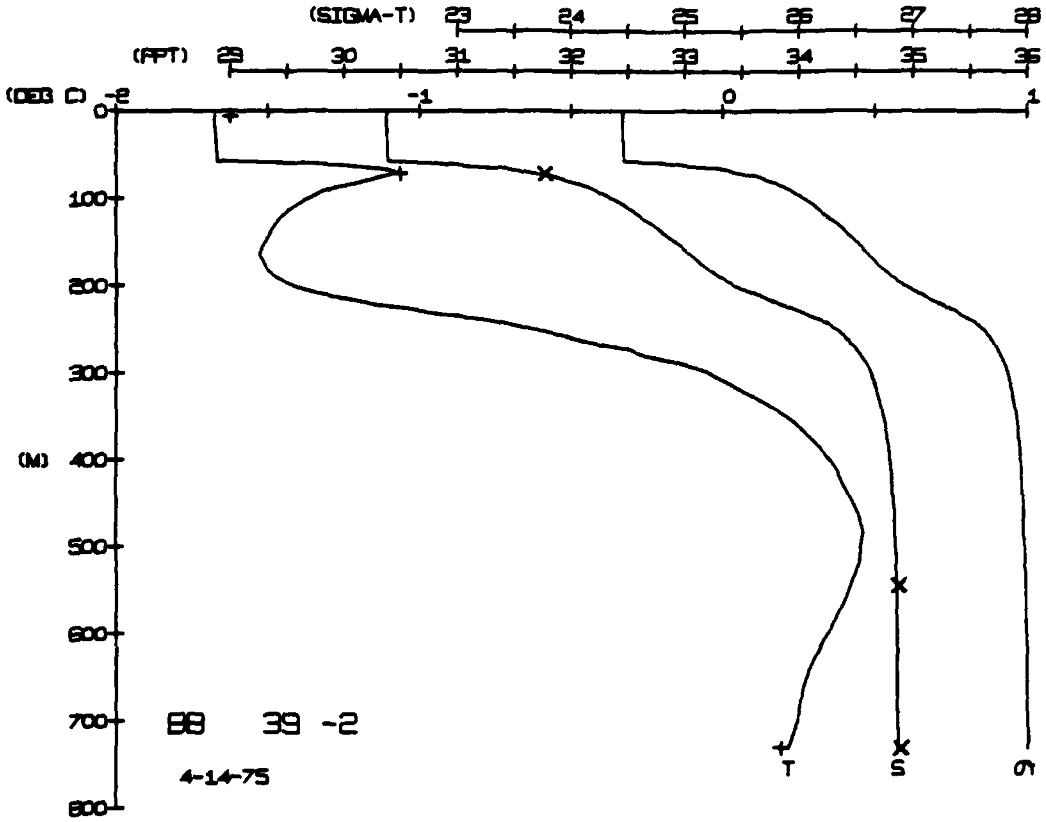
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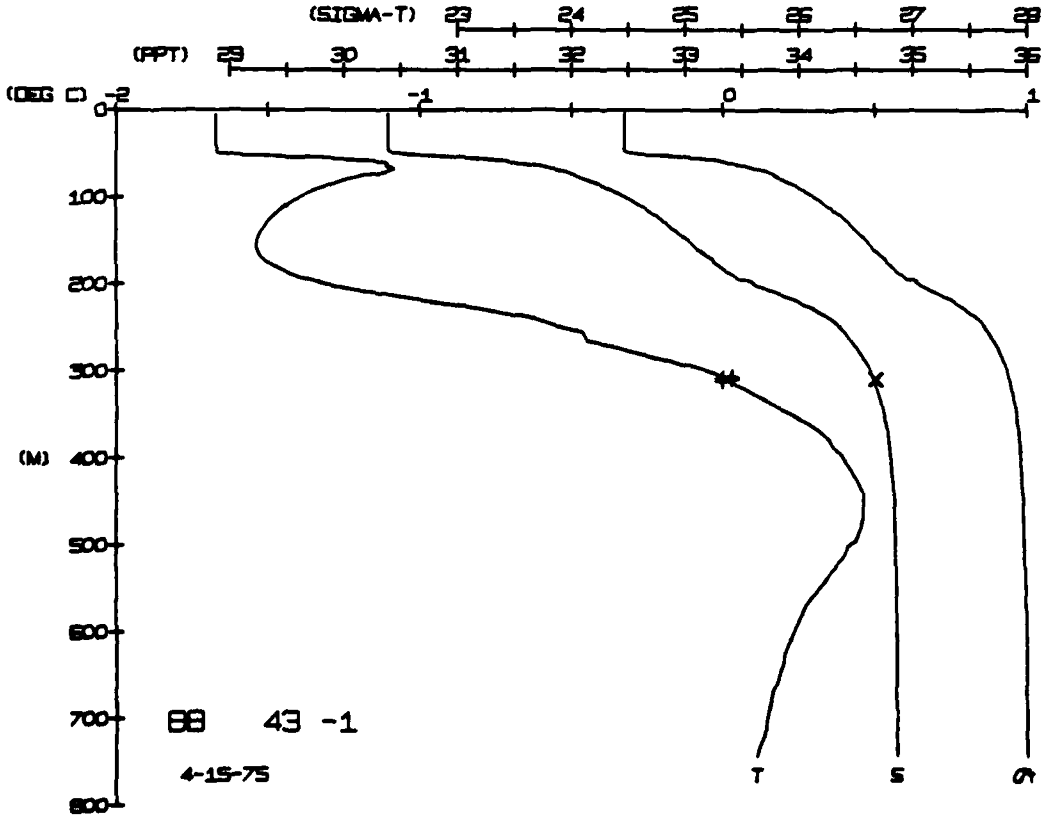
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```
BIG BEAR STATION  45(1) STD  16/APR/1975  542 GMT  CODE = 2
LAT = 76.4878N LNG = 145.3491W LTER =     0. LGER =     0.
AIR TEMP = -20.0 BAROM = 1006.7 WIND = 247.8 SPEED =  80.8

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.67  -1.67  30.41  24.48  346.3  0.000  1435.0
   5.0  -1.67  -1.67  30.41  24.48  346.2  0.017  1435.1
   5.4  -1.67  -1.67  30.41  24.48  346.2  0.019  1435.1
  10.0  -1.66  -1.66  30.41  24.48  346.1  0.035  1435.2
  15.0  -1.67  -1.67  30.41  24.48  346.1  0.052  1435.2
  20.0  -1.67  -1.67  30.41  24.48  346.1  0.070  1435.3
  25.0  -1.67  -1.67  30.41  24.48  346.1  0.087  1435.4
  30.0  -1.67  -1.67  30.41  24.48  345.9  0.105  1435.5
  35.0  -1.67  -1.67  30.41  24.48  345.8  0.122  1435.6
  40.0  -1.67  -1.67  30.41  24.48  345.8  0.139  1435.6
  45.0  -1.67  -1.67  30.41  24.48  345.8  0.157  1435.7
  50.0  -1.66  -1.66  30.41  24.49  345.6  0.174  1435.9
  55.0  -1.30  -1.30  31.08  25.01  294.9  0.190  1438.6
  60.0  -1.15  -1.16  31.59  25.42  256.2  0.204  1440.1
  65.0  -1.12  -1.12  31.84  25.62  237.1  0.217  1440.6
  70.0  -1.13  -1.13  31.92  25.69  230.7  0.228  1440.8
  80.0  -1.24  -1.24  32.16  25.89  211.9  0.251  1440.8
  90.0  -1.32  -1.33  32.31  26.01  200.2  0.272  1440.8
 100.0  -1.38  -1.38  32.45  26.13  188.9  0.291  1440.9
 110.0  -1.43  -1.43  32.59  26.24  178.2  0.310  1441.0
 120.0  -1.47  -1.47  32.71  26.33  169.1  0.327  1441.1
 130.0  -1.50  -1.50  32.81  26.42  160.9  0.344  1441.3
 140.0  -1.51  -1.52  32.92  26.51  152.1  0.360  1441.6
 150.0  -1.52  -1.53  33.00  26.57  146.1  0.375  1441.8
 160.0  -1.53  -1.53  33.08  26.63  140.3  0.389  1442.1
 170.0  -1.52  -1.52  33.19  26.73  131.5  0.403  1442.4
 180.0  -1.49  -1.50  33.31  26.82  122.1  0.416  1442.9
 190.0  -1.45  -1.45  33.42  26.91  114.0  0.428  1443.4
 200.0  -1.36  -1.36  33.59  27.04  101.3  0.438  1444.2
 210.0  -1.19  -1.20  33.81  27.22   85.0  0.448  1445.5
 220.0  -1.01  -1.01  34.00  27.43   65.4  0.455  1446.9
 230.0  -0.79  -0.80  34.21  27.52   56.3  0.462  1448.2
 240.0  -0.65  -0.66  34.31  27.60   48.7  0.467  1449.2
 250.0  -0.53  -0.54  34.40  27.67   43.0  0.471  1450.0
 260.0  -0.41  -0.41  34.46  27.71   38.6  0.476  1450.9
 270.0  -0.28  -0.29  34.52  27.76   34.5  0.479  1451.7
 280.0  -0.19  -0.20  34.58  27.80   30.8  0.483  1452.4
 290.0  -0.10  -0.11  34.62  27.82   28.4  0.486  1453.0
 300.0  -0.02  -0.04  34.65  27.85   26.1  0.488  1453.6
 310.0   0.05   0.04  34.69  27.87   24.1  0.491  1454.1
 320.0   0.12   0.11  34.71  27.89   22.6  0.493  1454.6
 330.0   0.18   0.16  34.73  27.90   21.2  0.495  1455.1
 340.0   0.22   0.20  34.75  27.91   20.4  0.498  1455.5
 350.0   0.25   0.24  34.76  27.92   19.4  0.500  1455.8
 370.0   0.31   0.29  34.78  27.93   18.3  0.503  1456.4
 390.0   0.35   0.33  34.80  27.95   17.2  0.507  1457.0
 410.0   0.39   0.38  34.81  27.95   16.6  0.510  1457.5
 430.0   0.41   0.39  34.82  27.96   16.0  0.514  1457.9
 450.0   0.44   0.42  34.83  27.97   15.4  0.517  1458.4
 470.0   0.45   0.43  34.84  27.97   14.9  0.520  1458.8
 490.0   0.46   0.44  34.84  27.97   14.8  0.523  1459.2
 510.0   0.45   0.43  34.85  27.98   14.4  0.526  1459.5
 530.0   0.44   0.41  34.85  27.98   14.2  0.529  1459.8
 550.0   0.43   0.40  34.86  27.99   13.8  0.532  1460.1
 570.0   0.40   0.38  34.86  27.99   13.3  0.534  1460.3
 590.0   0.39   0.36  34.86  27.99   13.0  0.537  1460.5
 610.0   0.36   0.34  34.86  28.00   12.7  0.540  1460.8
 630.0   0.33   0.30  34.87  28.00   12.4  0.542  1461.0
 650.0   0.31   0.28  34.87  28.00   12.1  0.545  1461.2
 670.0   0.28   0.25  34.87  28.00   11.9  0.547  1461.4
 690.0   0.25   0.22  34.87  28.01   11.5  0.549  1461.6
 710.0   0.23   0.19  34.87  28.01   11.3  0.552  1461.8
 729.7   0.19   0.16  34.87  28.01   11.0  0.554  1462.0

                       DEPTH     TEMP.     SALIN

      BOT NUM = 1       71.0     -1.14     31.67
      BOT NUM = 2      248.2     -0.63
      BOT NUM = 3      499.5               34.86
```

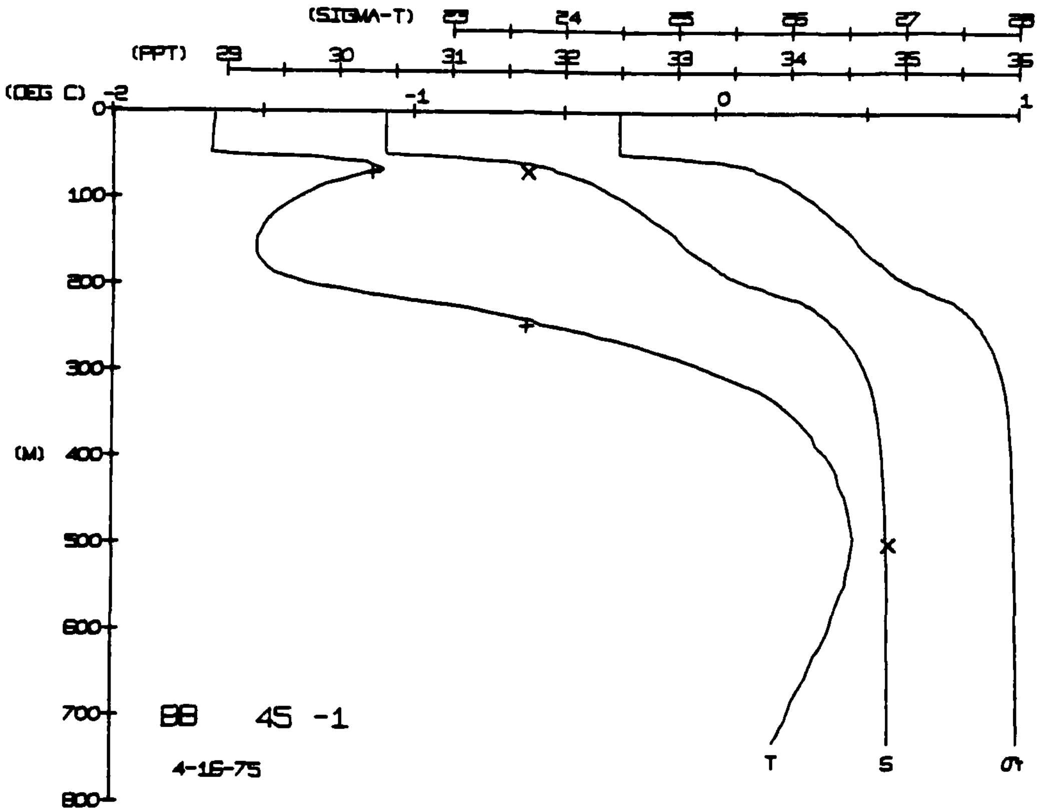
```
BIG BEAR STATION  47(1) STD  16/APR/1975 1731 GMT  CODE = 2
LAT = 76.5025N LNG = 145.1987W LTER =    11. LGER =    33.
AIR TEMP = -24.5 BAROM = 1003.4 WIND = 213.4 SPEED =  75.2

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0
   5.0
  10.0
  15.0
  20.0
  25.0
  30.0
  35.0
  40.0
  45.0
  50.0
  55.0
  60.0
  65.0
  70.0
  80.0
  87.0  -1.28  -1.28  32.25  25.96  204.8  0.000  1440.8
  90.0  -1.30  -1.30  32.31  26.01  200.4  0.006  1440.9
 100.0  -1.38  -1.38  32.45  26.12  189.5  0.026  1440.9
 110.0  -1.42  -1.42  32.57  26.22  180.1  0.044  1441.0
 120.0  -1.46  -1.46  32.68  26.31  171.2  0.062  1441.1
 130.0  -1.49  -1.49  32.78  26.39  163.2  0.079  1441.3
 140.0  -1.51  -1.51  32.90  26.49  154.3  0.095  1441.5
 150.0  -1.52  -1.53  32.98  26.55  148.0  0.110  1441.8
 160.0  -1.53  -1.54  33.07  26.62  141.1  0.125  1442.0
 170.0  -1.52  -1.53  33.17  26.71  132.8  0.139  1442.4
 180.0  -1.50  -1.51  33.31  26.82  122.3  0.152  1442.8
 190.0  -1.46  -1.47  33.47  26.95  110.0  0.163  1443.4
 200.0  -1.35  -1.35  33.65  27.09   96.8  0.174  1444.4
 210.0  -1.20  -1.21  33.86  27.25   81.5  0.183  1445.5
 220.0  -1.03  -1.03  34.04  27.40   68.2  0.190  1446.7
 230.0  -0.83  -0.83  34.21  27.53   55.9  0.197  1448.1
 240.0  -0.66  -0.66  34.33  27.62   47.3  0.202  1449.2
 250.0  -0.53  -0.53  34.42  27.69   41.0  0.206  1450.1
 260.0  -0.39  -0.40  34.49  27.73   36.6  0.210  1451.0
 270.0  -0.28  -0.28  34.54  27.77   33.4  0.214  1451.8
 280.0  -0.17  -0.18  34.58  27.80   30.5  0.217  1452.5
 290.0  -0.08  -0.09  34.62  27.83   28.0  0.220  1453.1
 300.0  -0.02  -0.03  34.65  27.85   26.2  0.223  1453.6
 310.0   0.04   0.03  34.68  27.87   24.3  0.225  1454.1
 320.0   0.10   0.09  34.71  27.89   22.8  0.227  1454.6
 330.0   0.17   0.16  34.73  27.90   21.3  0.230  1455.1
 340.0   0.23   0.21  34.76  27.92   19.9  0.232  1455.5
 350.0   0.26   0.25  34.77  27.93   18.9  0.234  1455.9
 370.0   0.32   0.30  34.79  27.94   17.6  0.237  1456.5
 390.0   0.36   0.34  34.80  27.95   17.0  0.241  1457.0
 410.0   0.39   0.37  34.81  27.96   16.5  0.244  1457.5
 430.0   0.40   0.38  34.83  27.96   15.6  0.248  1457.9
 450.0   0.43   0.41  34.83  27.97   15.3  0.251  1458.4
 470.0   0.44   0.42  34.84  27.97   14.9  0.254  1458.8
 490.0   0.44   0.42  34.84  27.98   14.7  0.257  1459.1
 510.0   0.45   0.42  34.85  27.98   14.2  0.260  1459.5
 530.0   0.44   0.42  34.85  27.98   13.9  0.263  1459.8
 550.0   0.42   0.40  34.86  27.99   13.6  0.265  1460.0
 570.0   0.39   0.37  34.86  27.99   13.2  0.268  1460.2
 590.0   0.37   0.34  34.86  27.99   12.9  0.271  1460.5
 610.0   0.34   0.31  34.87  28.00   12.4  0.273  1460.7
 630.0   0.32   0.29  34.87  28.00   12.2  0.276  1460.9
 650.0   0.28   0.25  34.87  28.00   11.9  0.278  1461.1
 670.0   0.25   0.22  34.87  28.01   11.6  0.281  1461.3
 690.0   0.23   0.19  34.87  28.01   11.2  0.283  1461.5
 710.0   0.20   0.17  34.87  28.01   11.2  0.285  1461.7
 730.0   0.19   0.16  34.87  28.01   10.9  0.287  1462.0
 731.8   0.19   0.16  34.87  28.01   10.9  0.288  1462.0

                       DEPTH     TEMP.     SALIN

      BOT NUM = 1      154.5     -1.50     32.97
      BOT NUM = 2      340.6      0.15
      BOT NUM = 3      515.3               34.86
      BOT NUM = 4      595.3               34.87
      BOT NUM = 5      733.1      0.22     34.88
```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800
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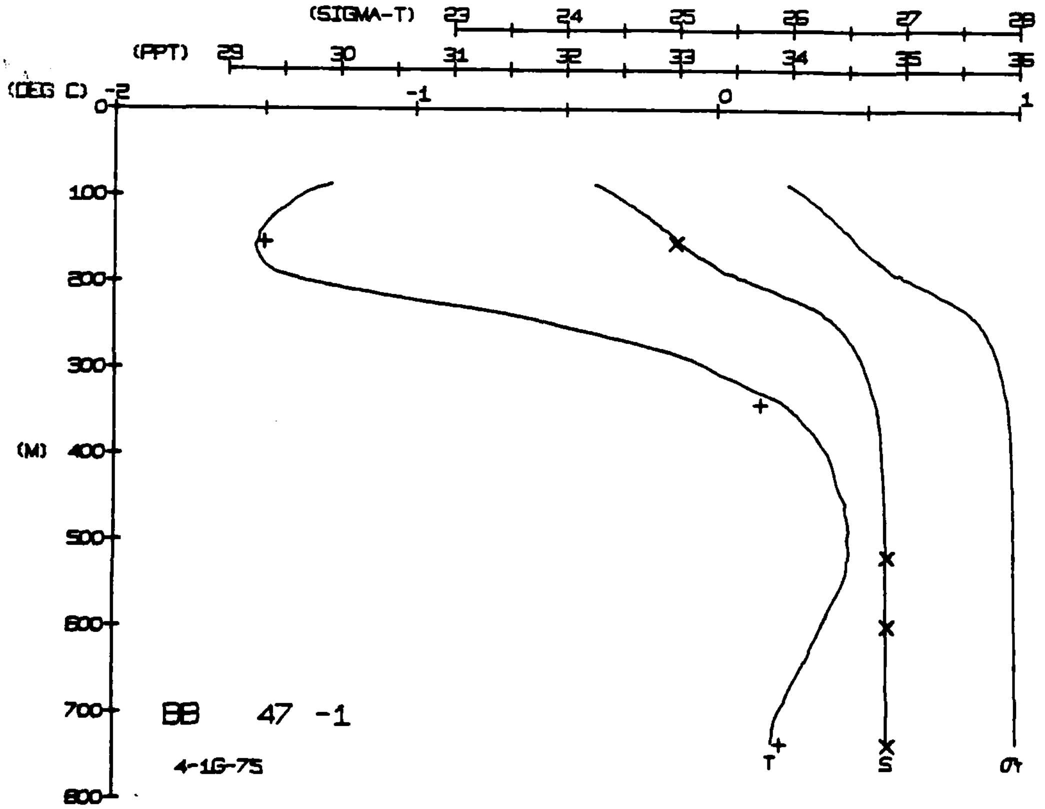
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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100
200
300
(M) 400
500
600
700
800
BB 47 -1
4-16-75
T
S
σt

```
BIG BEAR STATION  49(1) STD  17/APR/1975  530 GMT  CODE = 1
LAT = 76.5110N LNG = 145.0102W LTER =     2. LGER =     7.
AIR TEMP = -24.5 BAROM =  999.5 WIND = 213.4 SPEED =  75.2

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0  -1.68  -1.68  30.40  24.47  347.0  0.000  1434.9
  3.2  -1.68  -1.68  30.40  24.47  347.0  0.011  1435.0
  5.0  -1.68  -1.68  30.40  24.47  347.3  0.017  1435.0
 10.0  -1.68  -1.68  30.40  24.47  346.9  0.035  1435.1
 15.0  -1.68  -1.68  30.40  24.47  346.8  0.052  1435.2
 20.0  -1.68  -1.68  30.40  24.47  346.8  0.070  1435.3
 25.0  -1.68  -1.68  30.40  24.47  346.7  0.087  1435.3
 30.0  -1.68  -1.68  30.40  24.47  346.6  0.105  1435.4
 35.0  -1.68  -1.68  30.40  24.47  346.7  0.122  1435.5
 40.0  -1.68  -1.68  30.40  24.47  346.4  0.140  1435.6
 45.0  -1.68  -1.68  30.40  24.47  346.3  0.157  1435.7
 50.0  -1.68  -1.68  30.40  24.47  346.2  0.175  1435.8
 55.0  -1.68  -1.68  30.40  24.47  346.2  0.192  1435.8
 60.0  -1.28  -1.28  30.97  24.92  303.6  0.208  1438.6
 65.0  -1.17  -1.17  31.45  25.31  266.9  0.223  1439.9
 70.0  -1.13  -1.13  31.72  25.52  246.4  0.236  1440.5
 80.0  -1.22  -1.22  31.99  25.74  225.2  0.259  1440.6
 90.0  -1.31  -1.31  32.22  25.94  206.9  0.281  1440.7
100.0  -1.37  -1.37  32.38  26.07  194.4  0.301  1440.8
110.0  -1.41  -1.41  32.51  26.17  184.7  0.321  1441.0
120.0  -1.45  -1.46  32.62  26.26  175.6  0.339  1441.1
130.0  -1.48  -1.49  32.71  26.34  168.7  0.356  1441.2
140.0  -1.51  -1.51  32.81  26.42  160.5  0.373  1441.4
150.0  -1.53  -1.53  32.92  26.51  152.2  0.389  1441.7
160.0  -1.54  -1.54  33.02  26.59  144.6  0.404  1441.9
170.0  -1.54  -1.54  33.12  26.67  136.9  0.418  1442.2
180.0  -1.51  -1.52  33.22  26.75  128.9  0.431  1442.6
190.0  -1.46  -1.47  33.40  26.89  115.8  0.443  1443.3
200.0  -1.39  -1.40  33.53  26.99  106.1  0.455  1444.0
210.0  -1.28  -1.29  33.66  27.10   96.1  0.465  1444.9
220.0  -1.15  -1.16  33.85  27.25   81.9  0.474  1445.9
230.0  -0.95  -0.95  34.06  27.41   66.5  0.481  1447.3
240.0  -0.76  -0.77  34.22  27.53   55.7  0.488  1448.6
250.0  -0.59  -0.60  34.34  27.62   47.1  0.493  1449.7
260.0  -0.46  -0.47  34.42  27.68   41.4  0.497  1450.6
270.0  -0.33  -0.34  34.49  27.73   37.1  0.501  1451.4
280.0  -0.22  -0.23  34.55  27.77   33.2  0.505  1452.2
290.0  -0.13  -0.14  34.59  27.80   30.3  0.508  1452.8
300.0  -0.05  -0.07  34.63  27.83   28.1  0.511  1453.4
310.0   0.00  -0.01  34.66  27.85   26.2  0.514  1453.9
320.0   0.09   0.07  34.68  27.87   24.5  0.516  1454.4
330.0   0.12   0.11  34.71  27.89   22.5  0.519  1454.8
340.0   0.18   0.16  34.73  27.90   21.4  0.521  1455.3
350.0   0.22   0.21  34.74  27.91   20.7  0.523  1455.7
370.0   0.28   0.26  34.77  27.93   19.0  0.527  1456.3
390.0   0.33   0.31  34.79  27.94   17.6  0.531  1456.9
410.0   0.37   0.35  34.81  27.95   16.6  0.534  1457.4
430.0   0.39   0.37  34.81  27.96   16.5  0.537  1457.8
450.0   0.41   0.39  34.82  27.96   15.9  0.541  1458.3
470.0   0.43   0.41  34.83  27.97   15.3  0.544  1458.7
490.0   0.45   0.43  34.84  27.97   14.9  0.547  1459.1
510.0   0.45   0.42  34.84  27.98   14.7  0.550  1459.5
530.0   0.44   0.42  34.85  27.98   14.2  0.553  1459.8
550.0   0.43   0.41  34.85  27.99   13.9  0.556  1460.1
570.0   0.41   0.38  34.85  27.99   13.8  0.558  1460.3
590.0   0.40   0.38  34.86  27.99   13.1  0.561  1460.6
610.0   0.38   0.35  34.86  27.99   13.0  0.564  1460.8
630.0   0.35   0.32  34.87  28.00   12.5  0.566  1461.1
650.0   0.33   0.30  34.87  28.00   12.3  0.569  1461.3
670.0   0.30   0.27  34.87  28.01   11.7  0.571  1461.5
690.0   0.27   0.24  34.87  28.01   11.6  0.574  1461.7
710.0   0.24   0.21  34.87  28.01   11.3  0.576  1461.9
727.7   0.22   0.18  34.88  28.02   10.7  0.578  1462.1

                    DEPTH      TEMP.      SALIN

    BOT NUM = 1       7.4                 30.43
    BOT NUM = 2     348.0      0.19       34.75
    BOT NUM = 3     502.0      0.47       34.85
    BOT NUM = 4     601.6                 34.87
    BOT NUM = 5     730.0                 34.88
    BOT NUM = 6     730.2      0.23       34.88
```

```
BIG BEAR STATION  51(1) STD  17/APR/1975 1657 GMT  CODE = 1
LAT = 76.4998N LNG = 144.9266W LTER =    12. LGER =    37.
AIR TEMP =       BAROM = 1000.7 WIND =       SPEED =

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0  -1.68  -1.68  30.40  24.47  347.2  0.000  1434.9
  4.9  -1.68  -1.68  30.40  24.47  347.2  0.017  1435.0
  5.0  -1.68  -1.68  30.40  24.47  347.2  0.017  1435.0
 10.0  -1.68  -1.68  30.40  24.47  347.0  0.035  1435.1
 15.0  -1.68  -1.68  30.40  24.47  347.0  0.052  1435.2
 20.0  -1.68  -1.68  30.40  24.47  347.0  0.070  1435.2
 25.0  -1.68  -1.68  30.40  24.47  346.9  0.087  1435.3
 30.0  -1.68  -1.68  30.40  24.47  346.8  0.105  1435.4
 35.0  -1.68  -1.68  30.40  24.47  346.9  0.122  1435.5
 40.0  -1.68  -1.68  30.40  24.47  346.7  0.140  1435.6
 45.0  -1.68  -1.68  30.40  24.47  346.4  0.157  1435.7
 50.0  -1.68  -1.68  30.40  24.47  346.3  0.175  1435.7
 55.0  -1.68  -1.68  30.40  24.47  346.1  0.192  1435.8
 60.0  -1.23  -1.23  31.11  25.03  292.8  0.208  1439.0
 65.0  -1.16  -1.16  31.51  25.36  262.1  0.222  1440.0
 70.0  -1.14  -1.14  31.70  25.51  247.1  0.235  1440.4
 80.0  -1.23  -1.23  32.03  25.78  221.6  0.259  1440.7
 90.0  -1.31  -1.31  32.22  25.93  207.3  0.280  1440.7
100.0  -1.37  -1.37  32.38  26.07  194.2  0.301  1440.8
110.0  -1.42  -1.43  32.52  26.18  183.6  0.320  1440.9
120.0  -1.46  -1.46  32.62  26.26  175.7  0.338  1441.1
130.0  -1.48  -1.48  32.72  26.34  168.2  0.355  1441.3
140.0  -1.50  -1.51  32.82  26.42  160.3  0.372  1441.5
150.0  -1.53  -1.53  32.92  26.51  152.4  0.387  1441.7
160.0  -1.54  -1.54  33.01  26.58  145.6  0.402  1441.9
170.0  -1.53  -1.54  33.09  26.65  139.0  0.417  1442.2
180.0  -1.51  -1.52  33.22  26.75  129.3  0.430  1442.7
190.0  -1.48  -1.49  33.34  26.85  119.8  0.443  1443.1
200.0  -1.41  -1.42  33.50  26.97  108.3  0.454  1443.8
210.0  -1.25  -1.25  33.73  27.15   91.1  0.464  1445.1
220.0  -1.11  -1.11  33.89  27.28   79.3  0.473  1446.2
230.0  -0.92  -0.93  34.08  27.43   65.2  0.480  1447.5
240.0  -0.75  -0.76  34.22  27.54   55.1  0.486  1448.6
250.0  -0.60  -0.61  34.34  27.62   47.2  0.492  1449.7
260.0  -0.48  -0.49  34.42  27.68   41.8  0.496  1450.5
270.0  -0.35  -0.36  34.48  27.73   37.5  0.500  1451.3
280.0  -0.25  -0.26  34.54  27.76   33.9  0.504  1452.0
290.0  -0.17  -0.18  34.58  27.80   30.9  0.507  1452.7
300.0  -0.08  -0.09  34.62  27.82   28.3  0.510  1453.3
310.0   0.00  -0.01  34.65  27.85   26.2  0.513  1453.8
320.0   0.06   0.05  34.68  27.87   24.5  0.515  1454.3
330.0   0.12   0.11  34.71  27.88   23.0  0.518  1454.8
340.0   0.17   0.15  34.73  27.90   21.6  0.520  1455.2
350.0   0.21   0.20  34.74  27.91   20.7  0.527  1455.6
370.0   0.28   0.27  34.77  27.93   18.9  0.526  1456.3
390.0   0.32   0.30  34.79  27.94   17.9  0.530  1456.8
410.0   0.36   0.34  34.81  27.95   16.9  0.533  1457.3
430.0   0.38   0.36  34.82  27.96   16.4  0.537  1457.8
450.0   0.40   0.38  34.83  27.96   15.7  0.540  1458.2
470.0   0.42   0.40  34.83  27.97   15.3  0.543  1458.7
490.0   0.43   0.41  34.84  27.97   15.0  0.546  1459.0
510.0   0.44   0.42  34.85  27.98   14.4  0.549  1459.4
530.0   0.43   0.41  34.85  27.98   14.2  0.552  1459.7
550.0   0.42   0.40  34.86  27.99   13.8  0.555  1460.0
570.0   0.40   0.38  34.86  27.99   13.6  0.558  1460.3
590.0   0.38   0.36  34.86  27.99   13.0  0.560  1460.5
610.0   0.37   0.34  34.86  28.00   12.9  0.563  1460.8
630.0   0.33   0.30  34.86  28.00   12.5  0.565  1461.0
650.0   0.31   0.28  34.87  28.00   12.2  0.568  1461.2
670.0   0.28   0.25  34.87  28.01   11.8  0.570  1461.4
690.0   0.26   0.23  34.87  28.01   11.7  0.573  1461.6
710.0   0.23   0.20  34.87  28.01   11.2  0.575  1461.9
730.0   0.20   0.17  34.87  28.01   11.0  0.577  1462.0

                    DEPTH      TEMP.      SALIN

    BOT NUM = 1       9.2                 30.44
    BOT NUM = 2      53.7                 30.43
    BOT NUM = 3     253.2                 34.32
    BOT NUM = 4     738.2                 34.88
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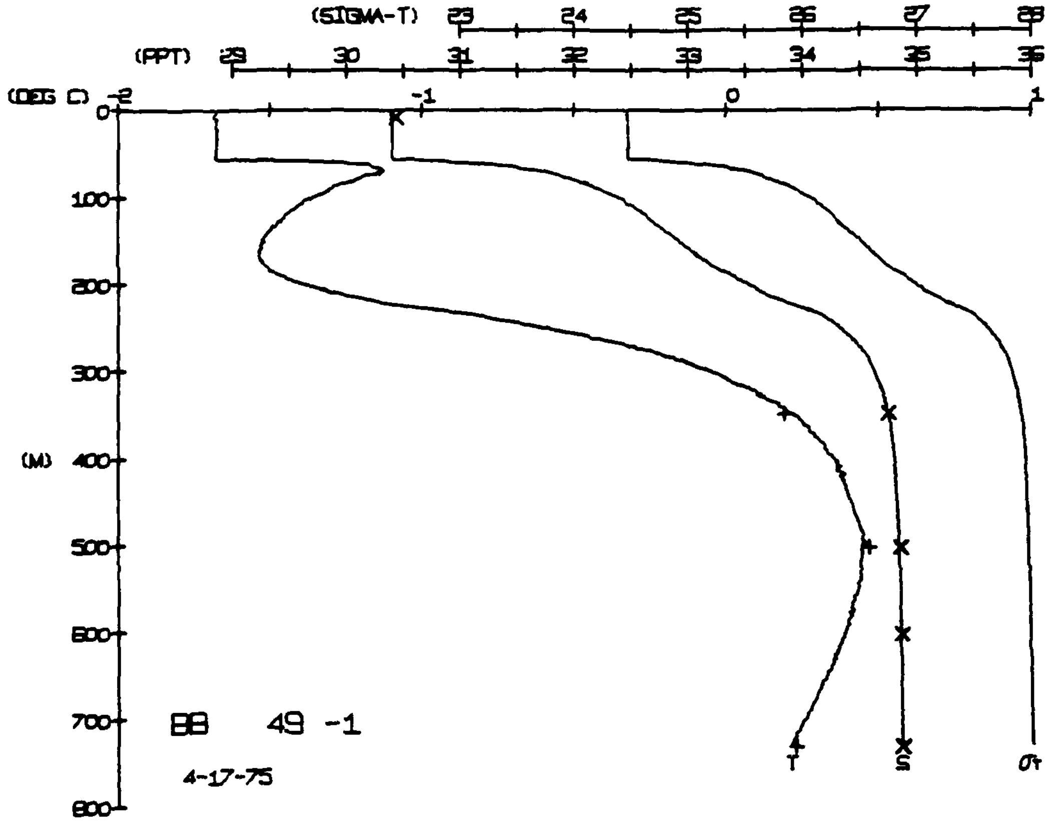
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(PPT) 29 30 31 32 33 34 35 36
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BB 49 -1
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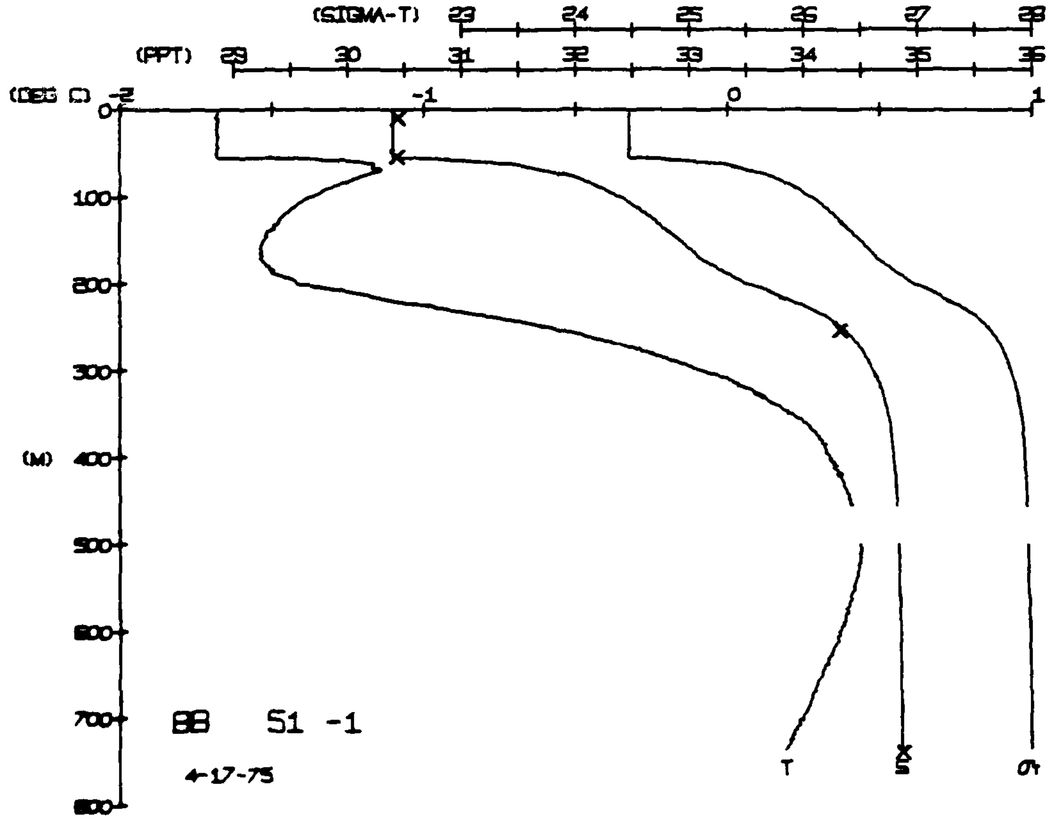
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                                       AIR TEMP = -27.8 BAROM = 1005.7 WIND = 193.7 SPEED =  28.0

   DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND         DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

     0.0   -1.68   -1.68   30.40   24.47   347.4   0.000  1434.9         850.0    0.06    0.02   34.88   28.03     9.4   0.592  1463.4
     5.0   -1.68   -1.68   30.40   24.47   347.4   0.017  1435.0         900.0    0.00   -0.04   34.88   28.03     8.9   0.597  1464.0
     5.2   -1.68   -1.68   30.40   24.47   347.4   0.018  1435.0         950.0   -0.04   -0.09   34.89   28.04     8.2   0.601  1464.6
    10.0   -1.67   -1.67   30.40   24.47   347.3   0.035  1435.1        1000.0   -0.09   -0.13   34.89   28.04     7.8   0.605  1465.3
    15.0   -1.67   -1.67   30.39   24.47   347.4   0.052  1435.2        1050.0   -0.13   -0.18   34.89   28.05     7.1   0.609  1465.9
    20.0   -1.67   -1.67   30.39   24.47   347.2   0.070  1435.3        1100.0   -0.16   -0.21   34.90   28.05     6.6   0.613  1466.6
    25.0   -1.67   -1.67   30.39   24.47   347.3   0.087  1435.4        1150.0   -0.20   -0.25   34.90   28.05     6.2   0.616  1467.3
    30.0   -1.67   -1.67   30.40   24.47   347.0   0.105  1435.4        1200.0   -0.23   -0.28   34.90   28.06     5.7   0.619  1468.0
    35.0   -1.67   -1.67   30.40   24.47   347.0   0.122  1435.5        1250.0   -0.25   -0.31   34.90   28.06     5.0   0.621  1468.7
    40.0   -1.67   -1.67   30.39   24.47   347.1   0.140  1435.6        1300.0   -0.28   -0.34   34.91   28.06     4.7   0.624  1469.5
    45.0   -1.67   -1.67   30.40   24.47   346.7   0.157  1435.7        1350.0   -0.30   -0.37   34.91   28.07     4.4   0.626  1470.2
    50.0   -1.67   -1.67   30.40   24.47   346.7   0.175  1435.8        1400.0   -0.32   -0.39   34.91   28.07     3.9   0.628  1470.9
    55.0   -1.67   -1.67   30.40   24.47   346.6   0.192  1435.9        1450.0   -0.34   -0.41   34.91   28.07     3.5   0.630  1471.7
    60.0   -1.31   -1.31   30.95   24.91   304.6   0.209  1438.4        1500.0   -0.36   -0.43   34.92   28.08     3.0   0.632  1472.5
    65.0   -1.13   -1.14   31.48   25.33   264.6   0.223  1440.1        1550.0   -0.37   -0.45   34.92   28.08     2.8   0.633  1473.3
    70.0   -1.13   -1.13   31.76   25.56   243.2   0.236  1440.6        1600.0   -0.39   -0.46   34.92   28.08     2.5   0.635  1474.0
    80.0   -1.21   -1.21   32.02   25.77   223.0   0.259  1440.7        1650.0   -0.39   -0.47   34.92   28.08     2.3   0.636  1474.9
    90.0   -1.29   -1.29   32.21   25.93   207.9   0.281  1440.8        1700.0   -0.41   -0.49   34.92   28.08     2.0   0.637  1475.6
   100.0   -1.36   -1.36   32.37   26.06   195.4   0.301  1440.9        1750.0   -0.41   -0.50   34.93   28.09     1.6   0.638  1476.5
   110.0   -1.41   -1.41   32.50   26.16   185.3   0.321  1441.0        1800.0   -0.42   -0.51   34.93   28.09     1.4   0.639  1477.3
   120.0   -1.44   -1.45   32.61   26.25   176.7   0.339  1441.1        1850.0   -0.43   -0.52   34.93   28.09     1.2   0.639  1478.1
   130.0   -1.48   -1.48   32.72   26.34   167.8   0.356  1441.3        1900.0   -0.43   -0.52   34.93   28.09     0.9   0.640  1479.0
   140.0   -1.50   -1.51   32.82   26.42   160.4   0.373  1441.5        1950.0   -0.43   -0.53   34.93   28.09     0.8   0.640  1479.8
   150.0   -1.52   -1.52   32.92   26.50   152.5   0.389  1441.7        2000.0   -0.43   -0.53   34.93   28.09     0.8   0.641  1480.7
   160.0   -1.53   -1.54   33.03   26.59   144.2   0.404  1441.9        2050.0   -0.43   -0.53   34.93   28.09     0.6   0.641  1481.5
   170.0   -1.52   -1.53   33.13   26.67   136.4   0.418  1442.3        2100.0   -0.43   -0.54   34.93   28.09     0.6   0.641  1482.4
   180.0   -1.51   -1.52   33.23   26.76   128.7   0.431  1442.7        2150.0   -0.43   -0.54   34.93   28.09     0.4   0.641  1483.2
   190.0   -1.48   -1.49   33.33   26.84   121.0   0.444  1443.1        2200.0   -0.42   -0.54   34.93   28.09     0.4   0.642  1484.1
   200.0   -1.40   -1.41   33.48   26.96   109.2   0.455  1443.9        2250.0   -0.42   -0.54   34.94   28.10     0.3   0.642  1484.9
   210.0   -1.29   -1.29   33.66   27.10    96.0   0.466  1444.8        2300.0   -0.42   -0.54   34.93   28.09     0.3   0.642  1485.8
   220.0   -1.13   -1.14   33.86   27.25    81.7   0.475  1446.0        2350.0   -0.42   -0.54   34.93   28.09     0.3   0.642  1486.7
   230.0   -0.93   -0.93   34.07   27.42    66.0   0.482  1447.4        2400.0   -0.41   -0.55   34.93   28.09     0.2   0.642  1487.5
   240.0   -0.77   -0.78   34.21   27.57    56.2   0.488  1448.5        2450.0   -0.41   -0.54   34.93   28.09     0.3   0.642  1488.4
   250.0   -0.62   -0.62   34.32   27.61    48.4   0.494  1449.5        2500.0   -0.40   -0.54   34.94   28.10     0.2   0.643  1489.3
   260.0   -0.48   -0.49   34.41   27.68    42.1   0.498  1450.5        2550.0   -0.40   -0.54   34.94   28.09     0.2   0.643  1490.2
   270.0   -0.35   -0.36   34.48   27.72    37.6   0.502  1451.3        2600.0   -0.39   -0.54   34.94   28.09     0.2   0.643  1491.1
   280.0   -0.24   -0.25   34.53   27.76    34.3   0.506  1452.1        2650.0   -0.38   -0.53   34.94   28.09     0.3   0.643  1492.0
   290.0   -0.16   -0.17   34.58   27.80    31.0   0.509  1452.7        2700.0   -0.38   -0.54   34.94   28.09     0.1   0.643  1492.8
   300.0   -0.07   -0.08   34.62   27.82    28.7   0.512  1453.3        2750.0   -0.38   -0.54   34.94   28.09     0.1   0.643  1493.7
   310.0    0.00   -0.02   34.65   27.84    26.7   0.515  1453.8        2800.0   -0.37   -0.53   34.94   28.10     0.1   0.643  1494.6
   320.0    0.05    0.03   34.68   27.87    24.4   0.517  1454.3        2850.0   -0.37   -0.54   34.94   28.09     0.1   0.643  1495.5
   330.0    0.09    0.08   34.70   27.88    23.1   0.520  1454.7        2900.0   -0.36   -0.53   34.94   28.10    -0.1   0.643  1496.4
   340.0    0.15    0.14   34.72   27.89    21.9   0.522  1455.1        2940.4   -0.36   -0.53   34.94   28.10    -0.1   0.643  1497.1
   350.0    0.21    0.19   34.74   27.90    21.1   0.524  1455.6
   370.0    0.27    0.25   34.77   27.93    19.1   0.528  1456.2
   390.0    0.33    0.31   34.79   27.94    17.8   0.532  1456.9
   410.0    0.38    0.36   34.81   27.95    17.0   0.536  1457.4
   430.0    0.40    0.38   34.81   27.95    16.7   0.539  1457.9
   450.0    0.43    0.41   34.83   27.96    15.9   0.542  1458.3
   470.0    0.45    0.43   34.83   27.97    15.4   0.545  1458.8
   490.0    0.46    0.44   34.84   27.97    15.1   0.549  1459.2
   510.0    0.46    0.44   34.85   27.98    14.7   0.552  1459.5
   530.0    0.46    0.44   34.85   27.98    14.4   0.554  1459.9
   550.0    0.44    0.42   34.85   27.98    13.9   0.557  1460.1
   570.0    0.43    0.40   34.86   27.99    13.6   0.560  1460.4
   590.0    0.40    0.38   34.86   27.99    13.3   0.563  1460.6
   610.0    0.38    0.35   34.86   28.00    12.8   0.565  1460.8
   630.0    0.35    0.33   34.86   28.00    12.7   0.568  1461.1
   650.0    0.33    0.30   34.87   28.00    12.3   0.571  1461.3
   670.0    0.29    0.26   34.87   28.01    11.9   0.573  1461.5
   690.0    0.27    0.24   34.87   28.01    11.6   0.575  1461.7
   710.0    0.24    0.21   34.87   28.01    11.4   0.578  1461.9
   730.0    0.21    0.18   34.87   28.01    11.0   0.580  1462.1
   750.0    0.18    0.15   34.87   28.02    10.8   0.582  1462.3
   800.0    0.12    0.09   34.88   28.02    10.1   0.587  1462.9

                                                              DEPTH        TEMP.      SALIN

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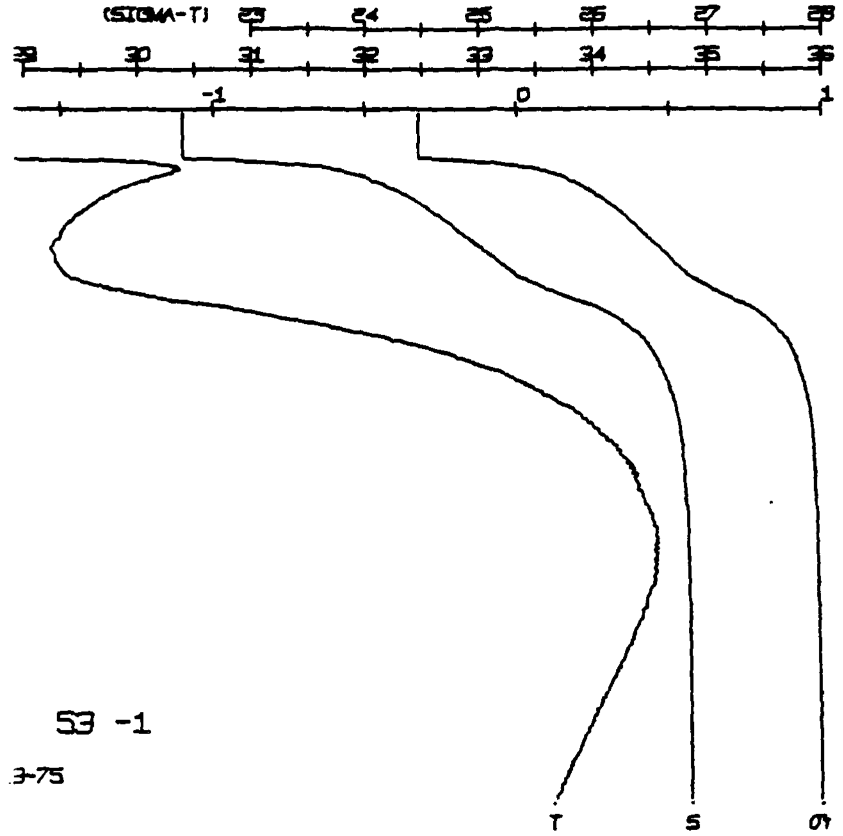
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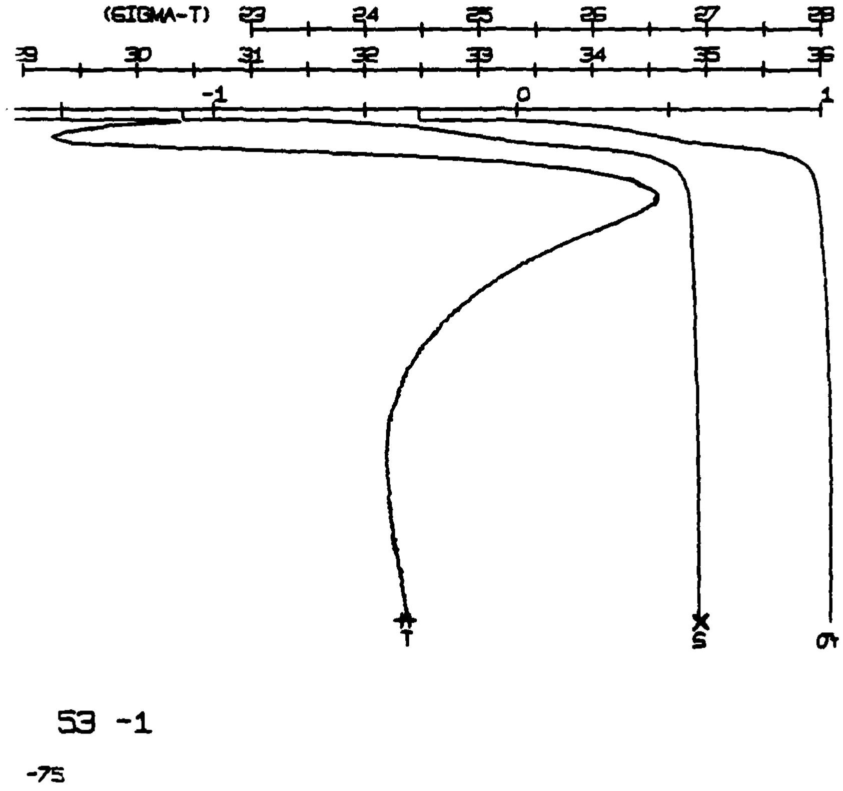
3-75
T
S
σt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-1
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T
S
σt
53 -1
-75

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                                   AIR TEMP = -31.2 BAROM = 1010.2 WIND = 161.7 SPEED =  27.5

 DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND          DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.67  -1.67  30.39  24.47  347.6  0.000 1434.9          850.0   0.06   0.02  34.88  28.03    9.3  0.591 1463.4
   3.1  -1.67  -1.67  30.39  24.47  347.5  0.011 1435.0          900.0   0.00  -0.04  34.89  28.03    8.6  0.596 1464.0
   5.0  -1.67  -1.67  30.40  24.47  347.3  0.017 1435.0          950.0  -0.05  -0.09  34.89  28.04    7.9  0.600 1464.6
  10.0  -1.68  -1.68  30.40  24.47  347.0  0.035 1435.1         1000.0  -0.10  -0.14  34.89  28.04    7.3  0.604 1465.2
  15.0  -1.68  -1.68  30.40  24.47  347.0  0.052 1435.2         1050.0  -0.13  -0.18  34.89  28.05    6.9  0.607 1465.9
  20.0  -1.68  -1.68  30.40  24.47  346.9  0.070 1435.2         1100.0  -0.17  -0.22  34.90  28.05    6.3  0.611 1466.6
  25.0  -1.68  -1.68  30.40  24.47  347.0  0.087 1435.3         1150.0  -0.20  -0.26  34.90  28.06    5.9  0.614 1467.3
  30.0  -1.68  -1.68  30.40  24.47  346.7  0.105 1435.4         1200.0  -0.23  -0.29  34.90  28.06    5.5  0.617 1468.0
  35.0  -1.68  -1.68  30.40  24.47  346.6  0.122 1435.5         1250.0  -0.26  -0.32  34.90  28.06    5.0  0.619 1468.7
  40.0  -1.68  -1.68  30.40  24.47  346.6  0.140 1435.6         1300.0  -0.29  -0.34  34.90  28.06    4.8  0.622 1469.4
  45.0  -1.68  -1.68  30.40  24.47  346.4  0.157 1435.7         1350.0  -0.31  -0.37  34.91  28.07    4.2  0.624 1470.2
  50.0  -1.68  -1.68  30.40  24.47  346.3  0.175 1435.7         1400.0  -0.33  -0.40  34.91  28.07    3.6  0.626 1470.9
  55.0  -1.68  -1.68  30.40  24.47  346.4  0.192 1435.8         1450.0  -0.35  -0.42  34.91  28.08    3.3  0.628 1471.7
  60.0  -1.28  -1.28  30.96  24.91  304.3  0.209 1438.6         1500.0  -0.36  -0.43  34.92  28.08    3.0  0.629 1472.5
  65.0  -1.14  -1.14  31.46  25.32  265.9  0.223 1440.0         1550.0  -0.38  -0.45  34.92  28.08    2.7  0.631 1473.2
  70.0  -1.12  -1.12  31.74  25.54  244.6  0.236 1440.6         1600.0  -0.39  -0.47  34.92  28.08    2.3  0.632 1474.0
  80.0  -1.22  -1.22  32.00  25.76  224.0  0.259 1440.7         1650.0  -0.40  -0.48  34.93  28.09    1.8  0.633 1474.8
  90.0  -1.31  -1.31  32.22  25.94  206.9  0.281 1440.7         1700.0  -0.41  -0.49  34.93  28.09    1.7  0.634 1475.6
 100.0  -1.37  -1.37  32.39  26.07  194.1  0.301 1440.8         1750.0  -0.42  -0.50  34.93  28.09    1.3  0.635 1476.4
 110.0  -1.42  -1.42  32.51  26.17  184.2  0.320 1441.0         1800.0  -0.43  -0.52  34.93  28.09    1.2  0.635 1477.3
 120.0  -1.45  -1.45  32.62  26.26  175.6  0.339 1441.1         1850.0  -0.43  -0.52  34.93  28.09    1.0  0.636 1478.1
 130.0  -1.49  -1.49  32.72  26.35  167.6  0.356 1441.3         1900.0  -0.44  -0.53  34.93  28.09    0.8  0.636 1478.9
 140.0  -1.50  -1.51  32.82  26.42  160.3  0.372 1441.5         1950.0  -0.44  -0.53  34.93  28.09    0.6  0.637 1479.8
 150.0  -1.53  -1.53  32.92  26.51  152.3  0.388 1441.7         2000.0  -0.43  -0.54  34.93  28.09    0.7  0.637 1480.6
 160.0  -1.53  -1.53  33.01  26.58  145.0  0.403 1441.9         2050.0  -0.44  -0.54  34.94  28.10    0.3  0.637 1481.5
 170.0  -1.52  -1.53  33.12  26.67  136.8  0.417 1442.3         2100.0  -0.43  -0.54  34.93  28.10    0.4  0.637 1482.3
 180.0  -1.51  -1.51  33.25  26.77  127.0  0.431 1442.7         2150.0  -0.43  -0.55  34.94  28.10    0.3  0.638 1483.2
 190.0  -1.47  -1.47  33.37  26.87  118.2  0.443 1443.2         2200.0  -0.43  -0.55  34.94  28.10    0.2  0.638 1484.0
 200.0  -1.40  -1.41  33.49  26.96  109.1  0.455 1443.9         2250.0  -0.43  -0.55  34.94  28.10    0.1  0.638 1484.9
 210.0  -1.29  -1.30  33.67  27.11   95.1  0.465 1444.8         2300.0  -0.42  -0.55  34.94  28.10    0.2  0.638 1485.8
 220.0  -1.17  -1.17  33.83  27.23   83.5  0.474 1445.8         2350.0  -0.42  -0.55  34.94  28.10    0.0  0.638 1486.6
 230.0  -0.97  -0.98  34.03  27.38   69.3  0.482 1447.2         2400.0  -0.42  -0.55  34.94  28.10    0.1  0.638 1487.5
 240.0  -0.78  -0.79  34.20  27.52   56.6  0.488 1448.4         2450.0  -0.41  -0.55  34.94  28.10    0.0  0.638 1488.4
 250.0  -0.60  -0.61  34.31  27.60   49.0  0.493 1449.6         2500.0  -0.41  -0.55  34.94  28.10    0.0  0.638 1489.3
 260.0  -0.48  -0.49  34.40  27.67   42.7  0.498 1450.5         2550.0  -0.40  -0.55  34.94  28.10    0.0  0.638 1490.2
 270.0  -0.37  -0.38  34.48  27.73   37.4  0.502 1451.2         2600.0  -0.40  -0.55  34.94  28.10    0.0  0.638 1491.0
 280.0  -0.25  -0.26  34.53  27.76   34.2  0.506 1452.0         2650.0  -0.39  -0.54  34.94  28.10   -0.1  0.638 1491.9
 290.0  -0.14  -0.15  34.58  27.80   30.8  0.509 1452.8         2700.0  -0.39  -0.54  34.94  28.10    0.0  0.638 1492.8
 300.0  -0.06  -0.07  34.62  27.83   28.1  0.512 1453.4         2750.0  -0.38  -0.54  34.94  28.10   -0.2  0.638 1493.7
 310.0   0.00  -0.01  34.66  27.85   26.0  0.515 1453.8         2800.0  -0.38  -0.54  34.94  28.10    0.0  0.638 1494.6
 320.0   0.05   0.04  34.68  27.87   24.2  0.517 1454.3         2850.0  -0.37  -0.54  34.94  28.10   -0.1  0.638 1495.5
 330.0   0.11   0.10  34.70  27.88   23.0  0.519 1454.7         2900.0  -0.37  -0.54  34.94  28.10   -0.1  0.638 1496.3
 340.0   0.16   0.14  34.72  27.90   21.8  0.522 1455.2         2950.0  -0.36  -0.54  34.94  28.10   -0.2  0.638 1497.2
 350.0   0.21   0.19  34.74  27.91   20.8  0.524 1455.6         3000.0  -0.36  -0.54  34.94  28.10   -0.2  0.637 1498.1
 370.0   0.26   0.25  34.77  27.93   18.8  0.528 1456.2
 390.0   0.32   0.31  34.79  27.94   17.8  0.532 1456.8
 410.0   0.36   0.34  34.81  27.95   16.8  0.535 1457.3
 430.0   0.39   0.37  34.82  27.96   16.4  0.538 1457.8
 450.0   0.41   0.39  34.83  27.96   15.8  0.542 1458.3
 470.0   0.43   0.41  34.83  27.97   15.3  0.545 1458.7
 490.0   0.46   0.43  34.84  27.97   15.0  0.548 1459.2
 510.0   0.46   0.43  34.84  27.98   14.7  0.551 1459.5
 530.0   0.45   0.43  34.85  27.98   14.2  0.554 1459.8
 550.0   0.44   0.42  34.86  27.99   13.7  0.557 1460.1
 570.0   0.41   0.39  34.86  27.99   13.3  0.559 1460.3
 590.0   0.40   0.37  34.86  27.99   13.2  0.562 1460.6
 610.0   0.37   0.35  34.87  28.00   12.5  0.565 1460.8
 630.0   0.35   0.32  34.87  28.00   12.4  0.567 1461.1
 650.0   0.33   0.30  34.87  28.00   12.0  0.570 1461.3
 670.0   0.30   0.27  34.87  28.01   11.8  0.572 1461.5
 690.0   0.27   0.24  34.87  28.01   11.5  0.574 1461.7
 710.0   0.25   0.21  34.88  28.01   11.0  0.577 1461.9
 730.0   0.21   0.18  34.87  28.01   11.0  0.579 1462.1
 750.0   0.18   0.15  34.88  28.02   10.5  0.581 1462.3
 800.0   0.12   0.08  34.88  28.02    9.9  0.586 1462.9

                                                DEPTH      TEMP.      SALIN

                              BOT NUM = 1        71.3      -1.14      31.74
                              BOT NUM = 2       501.6       0.46      34.85
                              BOT NUM = 3      1005.3      -0.11      34.89
                              BOT NUM = 4      1478.0                 34.91
                              BOT NUM = 5      2001.5                 34.93
                              BOT NUM = 6      3159.9      -0.37      34.95
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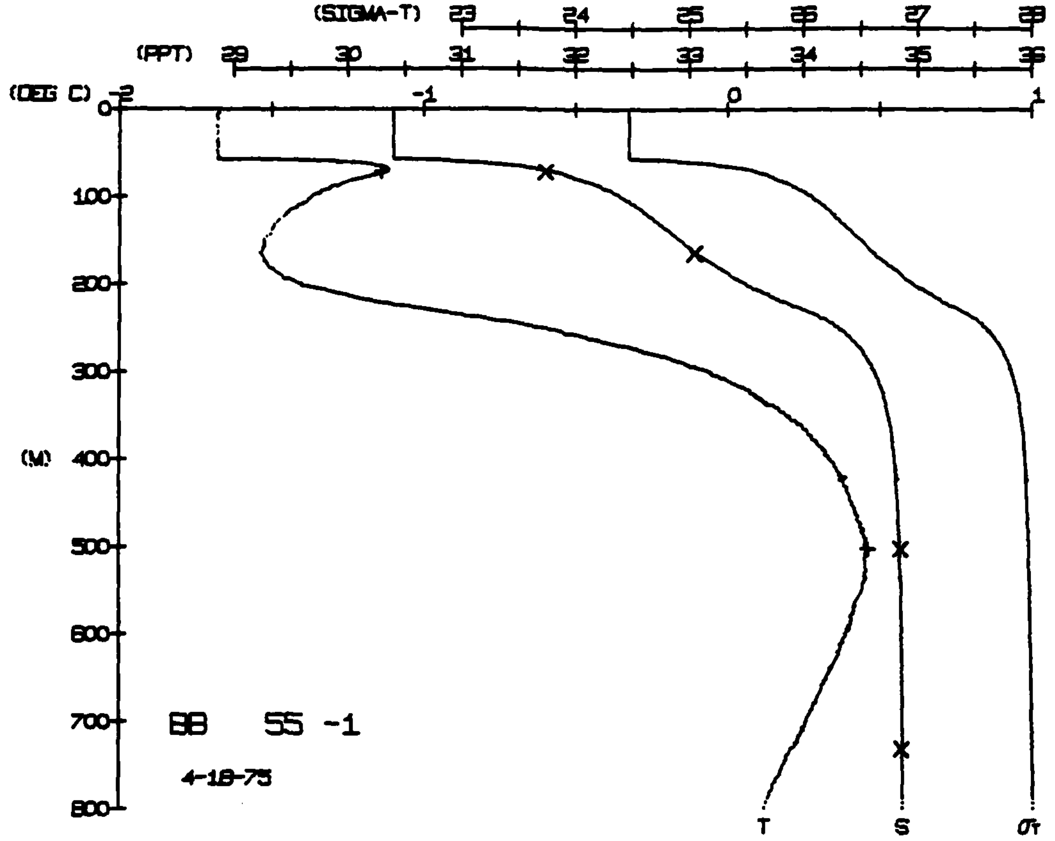

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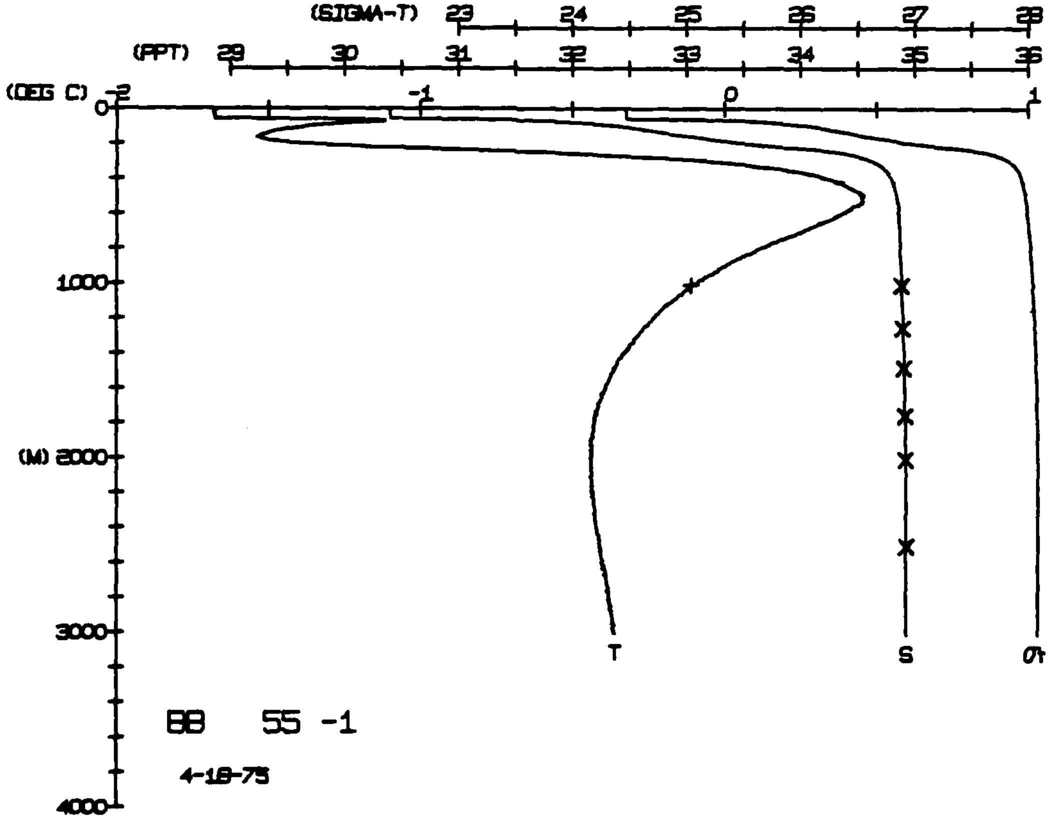
4-18-75



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4-18-75

```
BIG BEAR STATION  57(1) STD  19/APR/1975  421 GMT  CODE = 1
LAT = 76.4813N LNG = 144.6405W LTER =     0. LGER =     1.
AIR TEMP = -31.2 BARUM = 1010.8 WIND = 161.7 SPEED =  27.5

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.67   -1.67   30.40   24.47   347.2   0.000   1435.0
   3.2   -1.67   -1.67   30.40   24.47   347.2   0.011   1435.0
   5.0   -1.68   -1.68   30.40   24.47   347.1   0.017   1435.0
  10.0   -1.68   -1.68   30.40   24.47   347.1   0.035   1435.1
  15.0   -1.68   -1.68   30.40   24.47   346.8   0.052   1435.2
  20.0   -1.68   -1.68   30.40   24.47   346.8   0.070   1435.2
  25.0   -1.69   -1.69   30.41   24.48   346.3   0.087   1435.3
  30.0   -1.68   -1.68   30.40   24.47   346.7   0.105   1435.4
  35.0   -1.68   -1.68   30.40   24.47   346.7   0.122   1435.5
  40.0   -1.68   -1.68   30.40   24.47   346.4   0.140   1435.6
  45.0   -1.68   -1.68   30.40   24.47   346.5   0.157   1435.7
  50.0   -1.68   -1.68   30.40   24.47   346.4   0.175   1435.8
  55.0   -1.68   -1.68   30.40   24.47   346.2   0.192   1435.8
  60.0   -1.29   -1.29   30.96   24.91   304.3   0.208   1438.5
  65.0   -1.15   -1.15   31.41   25.27   270.0   0.223   1439.9
  70.0   -1.13   -1.13   31.66   25.48   250.3   0.236   1440.5
  80.0   -1.24   -1.24   32.01   25.76   223.6   0.260   1440.6
  90.0   -1.30   -1.30   32.21   25.92   208.1   0.282   1440.7
 100.0   -1.37   -1.37   32.40   26.09   192.7   0.302   1440.8
 110.0   -1.42   -1.42   32.51   26.17   184.2   0.321   1440.9
 120.0   -1.46   -1.46   32.63   26.27   175.1   0.339   1441.1
 130.0   -1.48   -1.49   32.74   26.36   166.6   0.356   1441.3
 140.0   -1.50   -1.50   32.83   26.43   159.3   0.373   1441.5
 150.0   -1.52   -1.52   32.92   26.51   152.1   0.388   1441.7
 160.0   -1.53   -1.54   33.01   26.58   145.5   0.403   1441.9
 170.0   -1.53   -1.53   33.09   26.65   139.1   0.418   1442.2
 180.0   -1.52   -1.52   33.19   26.72   131.6   0.431   1442.6
 190.0   -1.49   -1.49   33.32   26.83   121.8   0.444   1443.1
 200.0   -1.42   -1.42   33.48   26.96   109.4   0.456   1443.8
 210.0   -1.29   -1.30   33.67   27.11    95.5   0.466   1444.8
 220.0   -1.14   -1.15   33.85   27.25    82.1   0.475   1445.9
 230.0   -0.97   -0.98   34.04   27.39    68.3   0.483   1447.2
 240.0   -0.80   -0.80   34.18   27.50    58.0   0.489   1448.4
 250.0   -0.63   -0.64   34.32   27.61    48.1   0.495   1449.5
 260.0   -0.47   -0.48   34.42   27.68    41.6   0.499   1450.5
 270.0   -0.37   -0.38   34.49   27.73    37.1   0.503   1451.2
 280.0   -0.26   -0.27   34.53   27.76    34.1   0.507   1452.0
 290.0   -0.17   -0.18   34.58   27.80    30.9   0.510   1452.6
 300.0   -0.07   -0.08   34.62   27.83    28.3   0.513   1453.3
 310.0    0.00   -0.01   34.66   27.85    26.0   0.516   1453.9
 320.0    0.06    0.05   34.69   27.87    24.1   0.518   1454.3
 330.0    0.11    0.10   34.71   27.89    22.7   0.521   1454.8
 340.0    0.16    0.15   34.73   27.90    21.4   0.523   1455.2
 350.0    0.20    0.19   34.75   27.91    20.5   0.525   1455.6
 370.0    0.26    0.25   34.78   27.93    18.6   0.529   1456.2
 390.0    0.32    0.30   34.79   27.94    17.6   0.532   1456.8
 410.0    0.36    0.34   34.81   27.95    16.9   0.536   1457.3
 430.0    0.39    0.37   34.82   27.96    16.4   0.539   1457.8
 450.0    0.41    0.39   34.83   27.96    15.7   0.543   1458.3
 470.0    0.43    0.41   34.84   27.97    15.2   0.546   1458.7
 490.0    0.44    0.42   34.84   27.98    14.7   0.549   1459.1
 510.0    0.44    0.42   34.85   27.98    14.4   0.552   1459.4
 530.0    0.44    0.41   34.85   27.98    14.3   0.555   1459.8
 550.0    0.42    0.40   34.85   27.98    14.0   0.557   1460.0
 570.0    0.40    0.38   34.86   27.99    13.6   0.560   1460.3
 590.0    0.38    0.36   34.86   27.99    13.3   0.563   1460.5
 610.0    0.36    0.33   34.86   28.00    12.8   0.566   1460.8
 630.0    0.34    0.31   34.87   28.00    12.4   0.568   1461.0
 650.0    0.32    0.29   34.87   28.00    12.2   0.571   1461.2
 670.0    0.29    0.26   34.87   28.00    11.9   0.573   1461.4
 690.0    0.26    0.23   34.88   28.01    11.7   0.575   1461.7
 710.0    0.24    0.21   34.87   28.01    11.5   0.578   1461.9
 730.0    0.21    0.18   34.88   28.02    10.8   0.580   1462.1
 730.0    0.21    0.18   34.88   28.02    10.8   0.580   1462.1

                          DEPTH       TEMP.       SALIN

     BOT NUM = 1           52.8                   30.46
     BOT NUM = 2          254.5       -0.63
     BOT NUM = 3          727.6        0.19
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BIG BEAR STATION  59(1) STD  19/APR/1975 1709 GMT  CODE = 1
LAT = 76.4808N LNG = 144.5494W LTER =     1. LGER =     2.
AIR TEMP =        BARUM = 1014.4 WIND =        SPEED =

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0
   5.0
  10.0
  15.0
  20.0
  25.0
  30.0
  35.0
  40.0
  45.0
  50.0
  55.0
  60.0
  65.0
  70.0
  80.0
  90.0
 100.0
 110.0
 120.0
 130.0
 140.0
 150.0
 160.0
 160.0   -1.53   -1.53   33.01   26.58   145.3   0.000   1442.0
 170.0   -1.52   -1.53   33.09   26.65   138.9   0.014   1442.3
 180.0   -1.51   -1.51   33.22   26.75   129.5   0.028   1442.7
 190.0   -1.48   -1.48   33.33   26.84   120.5   0.040   1443.1
 200.0   -1.40   -1.40   33.49   26.97   108.4   0.052   1443.9
 210.0   -1.29   -1.29   33.66   27.10    96.3   0.062   1444.8
 220.0   -1.15   -1.15   33.83   27.24    83.2   0.071   1445.9
 230.0   -0.99   -0.99   34.02   27.38    69.7   0.079   1447.1
 240.0   -0.79   -0.80   34.20   27.51    57.2   0.086   1448.4
 250.0   -0.63   -0.64   34.31   27.60    48.8   0.091   1449.5
 260.0   -0.48   -0.49   34.41   27.67    42.2   0.096   1450.4
 270.0   -0.38   -0.39   34.47   27.72    38.0   0.100   1451.2
 280.0   -0.26   -0.27   34.54   27.77    33.7   0.103   1452.0
 290.0   -0.14   -0.15   34.59   27.80    30.6   0.106   1452.8
 300.0   -0.07   -0.08   34.62   27.83    28.1   0.109   1453.3
 310.0    0.01    0.00   34.66   27.85    25.7   0.112   1453.9
 320.0    0.07    0.05   34.69   27.88    23.6   0.115   1454.4
 330.0    0.11    0.09   34.71   27.89    22.5   0.117   1454.7
 340.0    0.17    0.16   34.73   27.90    21.5   0.119   1455.2
 350.0    0.20    0.18   34.75   27.91    20.2   0.121   1455.5
 370.0    0.27    0.25   34.77   27.93    19.0   0.125   1456.2
 390.0    0.32    0.30   34.79   27.94    17.6   0.129   1456.8
 410.0    0.36    0.34   34.81   27.95    16.9   0.132   1457.3
 430.0    0.38    0.37   34.82   27.96    16.0   0.136   1457.8
 450.0    0.41    0.39   34.83   27.96    15.8   0.139   1458.3
 470.0    0.43    0.41   34.84   27.97    15.2   0.142   1458.7
 490.0    0.44    0.42   34.84   27.97    14.9   0.145   1459.1
 510.0    0.44    0.42   34.85   27.98    14.6   0.148   1459.4
 530.0    0.43    0.41   34.85   27.98    14.0   0.151   1459.7
 550.0    0.42    0.40   34.85   27.98    13.9   0.154   1460.0
 570.0    0.41    0.38   34.86   27.99    13.5   0.157   1460.3
 590.0    0.38    0.36   34.86   27.99    13.1   0.159   1460.5
 610.0    0.36    0.33   34.86   27.99    13.0   0.162   1460.8
 630.0    0.34    0.32   34.86   28.00    12.7   0.164   1461.0
 650.0    0.32    0.29   34.87   28.00    12.2   0.167   1461.2
 670.0    0.29    0.26   34.87   28.00    12.0   0.169   1461.4
 690.0    0.26    0.23   34.87   28.01    11.7   0.172   1461.7
 710.0    0.23    0.20   34.87   28.01    11.3   0.174   1461.9
 728.4    0.21    0.18   34.88   28.02    10.8   0.176   1462.1

                          DEPTH       TEMP.       SALIN

     BOT NUM = 1          252.5       -0.68       34.33
     BOT NUM = 2          499.8        0.42
     BOT NUM = 3          730.6        0.19
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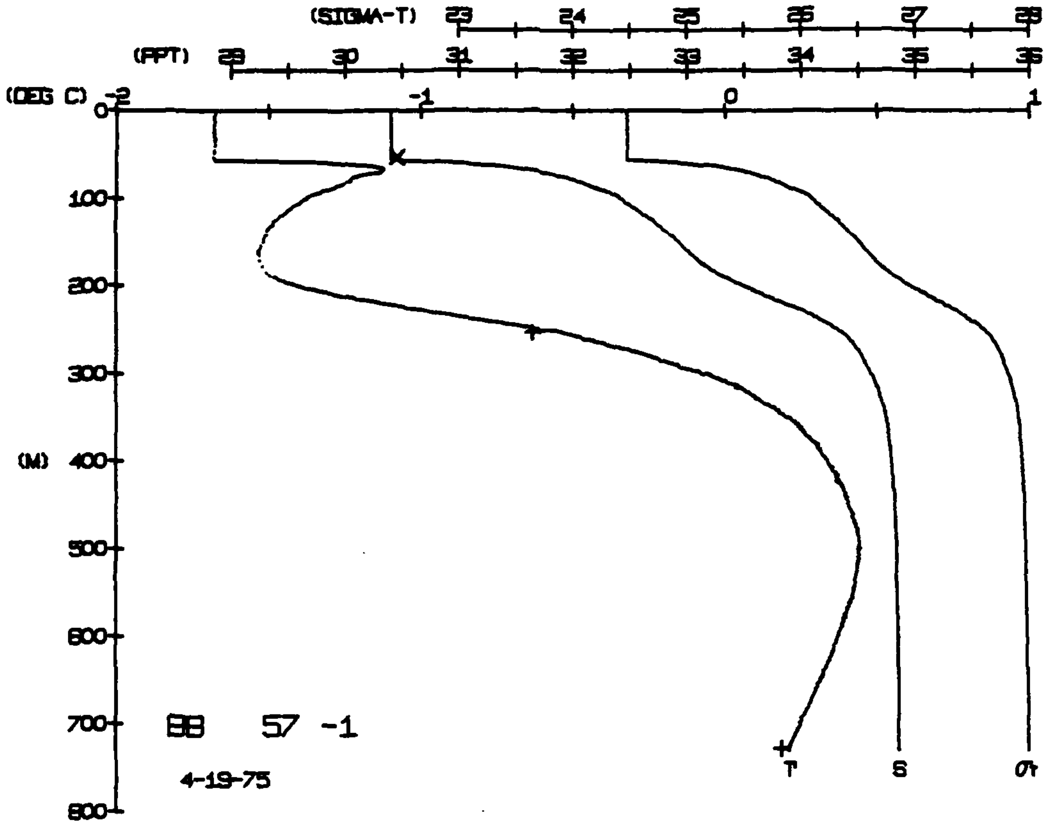
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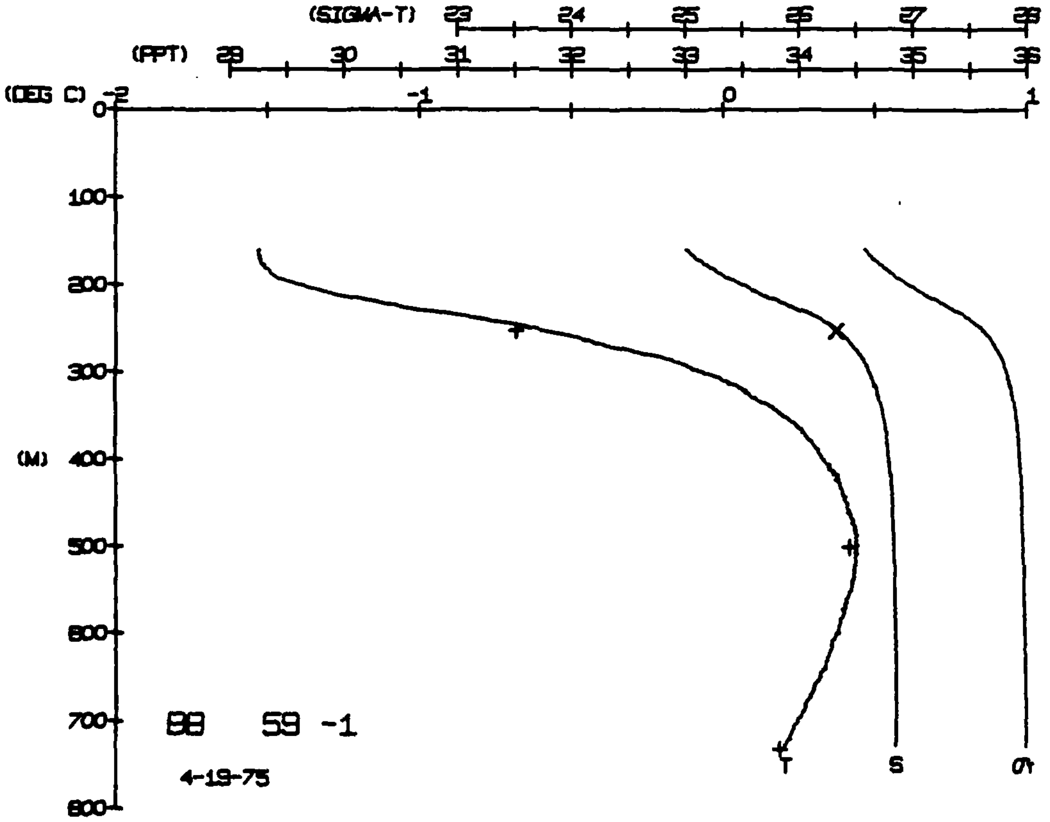
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
88 57 -1
4-19-75
T
S
σt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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
88 59 -1
4-19-75
T
S
σt

```
BIG BEAR STATION  61(1) STD  20/APR/1975  411 GMT  CODE = 1
LAT = 76.4022N LNG = 144.4462W LTER =       0. LGER =      1.
AIR TEMP =        BAROM = 1015.1 WIND =        SPEED =

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.68   -1.68   30.42   24.49   345.2   0.000   1435.0
   3.1   -1.68   -1.68   30.42   24.49   345.2   0.011   1435.0
   5.0   -1.67   -1.67   30.41   24.48   345.9   0.017   1435.1
  10.0   -1.68   -1.68   30.42   24.49   345.6   0.035   1435.1
  15.0   -1.68   -1.68   30.42   24.48   345.6   0.052   1435.2
  20.0   -1.68   -1.68   30.42   24.49   345.4   0.070   1435.3
  25.0   -1.68   -1.68   30.42   24.48   345.5   0.087   1435.4
  30.0   -1.68   -1.68   30.42   24.49   345.2   0.104   1435.4
  35.0   -1.68   -1.68   30.42   24.48   345.4   0.122   1435.5
  40.0   -1.67   -1.68   30.42   24.49   345.2   0.139   1435.6
  45.0   -1.68   -1.68   30.42   24.48   345.2   0.157   1435.7
  50.0   -1.67   -1.67   30.43   24.48   345.2   0.174   1435.8
  55.0   -1.66   -1.66   30.43   24.50   343.9   0.191   1436.0
  60.0   -1.24   -1.24   31.20   25.11   285.5   0.207   1439.1
  65.0   -1.14   -1.15   31.54   25.38   259.9   0.221   1440.1
  70.0   -1.13   -1.13   31.73   25.53   245.5   0.234   1440.6
  80.0   -1.22   -1.22   32.02   25.77   222.9   0.257   1440.7
  90.0   -1.30   -1.30   32.21   25.93   207.7   0.279   1440.7
 100.0   -1.36   -1.36   32.38   26.05   196.0   0.299   1440.8
 110.0   -1.40   -1.40   32.49   26.15   186.2   0.319   1441.0
 120.0   -1.44   -1.44   32.60   26.25   177.0   0.337   1441.1
 130.0   -1.48   -1.49   32.71   26.34   168.5   0.354   1441.2
 140.0   -1.50   -1.51   32.83   26.43   159.4   0.371   1441.5
 150.0   -1.52   -1.52   32.92   26.51   152.1   0.387   1441.7
 160.0   -1.53   -1.53   33.01   26.58   145.0   0.402   1441.9
 170.0   -1.52   -1.53   33.11   26.66   137.7   0.416   1442.3
 180.0   -1.51   -1.52   33.22   26.75   129.1   0.429   1442.7
 190.0   -1.48   -1.48   33.33   26.84   121.0   0.442   1443.1
 200.0   -1.42   -1.42   33.44   26.93   112.2   0.454   1443.7
 210.0   -1.32   -1.33   33.61   27.06    99.5   0.464   1444.6
 220.0   -1.17   -1.18   33.81   27.22    84.8   0.474   1445.8
 230.0   -0.99   -1.00   34.01   27.37    70.2   0.482   1447.0
 240.0   -0.80   -0.80   34.19   27.51    57.4   0.488   1448.4
 250.0   -0.62   -0.63   34.31   27.60    48.9   0.493   1449.5
 260.0   -0.48   -0.48   34.41   27.68    42.1   0.498   1450.5
 270.0   -0.34   -0.35   34.48   27.73    37.3   0.502   1451.4
 280.0   -0.25   -0.26   34.53   27.76    34.0   0.506   1452.0
 290.0   -0.16   -0.17   34.58   27.79    31.1   0.509   1452.7
 300.0   -0.07   -0.08   34.62   27.82    28.3   0.512   1453.3
 310.0    0.00   -0.01   34.65   27.85    26.2   0.515   1453.9
 320.0    0.04    0.03   34.69   27.87    24.0   0.517   1454.3
 330.0    0.11    0.09   34.70   27.88    23.7   0.520   1454.7
 340.0    0.15    0.14   34.72   27.90    21.7   0.522   1455.1
 350.0    0.19    0.18   34.74   27.91    20.8   0.524   1455.5
 370.0    0.26    0.25   34.76   27.92    19.5   0.528   1456.2
 390.0    0.31    0.30   34.78   27.93    18.3   0.532   1456.8
 410.0    0.35    0.33   34.79   27.94    17.8   0.536   1457.3
 430.0    0.38    0.36   34.81   27.96    16.5   0.539   1457.8
 450.0    0.41    0.39   34.82   27.96    16.4   0.542   1458.3
 470.0    0.43    0.41   34.83   27.97    15.3   0.546   1458.7
 490.0    0.45    0.43   34.84   27.97    15.0   0.549   1459.1
 510.0    0.44    0.42   34.85   27.98    14.6   0.552   1459.4
 530.0    0.44    0.41   34.85   27.98    14.5   0.555   1459.8
 550.0    0.43    0.40   34.85   27.98    14.0   0.557   1460.1
 570.0    0.40    0.38   34.86   27.99    13.3   0.560   1460.3
 590.0    0.39    0.37   34.86   27.99    13.1   0.563   1460.6
 610.0    0.37    0.34   34.86   28.00    12.7   0.565   1460.8
 630.0    0.34    0.32   34.87   28.00    12.5   0.568   1461.0
 650.0    0.32    0.29   34.87   28.00    12.3   0.570   1461.3
 670.0    0.29    0.26   34.87   28.01    11.5   0.573   1461.5
 690.0    0.27    0.23   34.87   28.01    11.6   0.575   1461.7
 710.0    0.24    0.21   34.87   28.01    11.5   0.578   1461.9

                       DEPTH      TEMP.       SALIN

     BOT NUM = 1       252.3      -0.69       34.32
     BOT NUM = 2       729.1       0.19
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BIG BEAR STATION  63(1) STD  20/APR/1975 1723 GMT  CODE = 1
LAT = 76.4780N LNG = 144.4233W LTER =      9. LGER =     28.
AIR TEMP = -18.7 BAROM = 1018.1 WIND = 254.6 SPEED =  30.3

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.68   -1.68   30.42   24.49   345.7   0.000   1435.0
   3.3   -1.68   -1.68   30.42   24.49   345.6   0.011   1435.0
   5.0   -1.67   -1.67   30.41   24.48   345.9   0.017   1435.0
  10.0   -1.68   -1.68   30.42   24.48   345.6   0.035   1435.1
  15.0   -1.68   -1.68   30.42   24.49   345.4   0.052   1435.2
  20.0   -1.68   -1.68   30.42   24.48   345.6   0.070   1435.3
  25.0   -1.68   -1.68   30.42   24.48   345.6   0.087   1435.4
  30.0   -1.68   -1.68   30.42   24.49   345.1   0.104   1435.4
  35.0   -1.68   -1.68   30.42   24.49   345.2   0.122   1435.5
  40.0   -1.68   -1.68   30.42   24.49   345.0   0.139   1435.6
  45.0   -1.68   -1.68   30.42   24.49   345.0   0.157   1435.7
  50.0   -1.68   -1.68   30.42   24.49   344.8   0.174   1435.8
  55.0   -1.68   -1.68   30.42   24.49   344.8   0.191   1435.9
  60.0   -1.26   -1.26   31.05   24.99   296.8   0.207   1438.8
  65.0   -1.15   -1.15   31.51   25.36   262.2   0.222   1440.1
  70.0   -1.13   -1.13   31.73   25.53   245.5   0.234   1440.5
  80.0   -1.22   -1.22   32.00   25.75   224.6   0.258   1440.6
  90.0   -1.30   -1.30   32.20   25.92   208.4   0.280   1440.8
 100.0   -1.37   -1.37   32.39   26.07   194.0   0.300   1440.8
 110.0   -1.42   -1.42   32.51   26.17   184.5   0.319   1440.9
 120.0   -1.45   -1.45   32.62   26.26   175.5   0.337   1441.1
 130.0   -1.48   -1.48   32.73   26.35   166.9   0.355   1441.3
 140.0   -1.51   -1.51   32.82   26.43   159.9   0.371   1441.4
 150.0   -1.52   -1.53   32.92   26.51   152.3   0.387   1441.7
 160.0   -1.54   -1.54   32.99   26.57   146.5   0.402   1441.9
 170.0   -1.53   -1.54   33.10   26.65   138.6   0.416   1442.2
 180.0   -1.52   -1.52   33.19   26.72   131.6   0.430   1442.6
 190.0   -1.49   -1.49   33.31   26.82   122.4   0.443   1443.1
 200.0   -1.41   -1.41   33.47   26.95   110.3   0.455   1443.8
 210.0   -1.31   -1.31   33.63   27.08    98.3   0.465   1444.7
 220.0   -1.16   -1.17   33.80   27.21    85.5   0.474   1445.8
 230.0   -1.01   -1.02   33.98   27.35    72.4   0.482   1446.9
 240.0   -0.81   -0.82   34.16   27.48    59.9   0.489   1448.2
 250.0   -0.63   -0.63   34.31   27.60    49.5   0.495   1449.5
 260.0   -0.47   -0.48   34.40   27.66    43.3   0.499   1450.5
 270.0   -0.37   -0.38   34.47   27.72    38.4   0.503   1451.2
 280.0   -0.24   -0.25   34.52   27.76    34.7   0.507   1452.1
 290.0   -0.16   -0.17   34.57   27.79    31.4   0.510   1452.7
 300.0   -0.06   -0.08   34.62   27.82    28.8   0.513   1453.3
 310.0    0.02    0.00   34.65   27.85    26.2   0.516   1453.9
 320.0    0.07    0.06   34.68   27.86    24.7   0.519   1454.4
 330.0    0.11    0.10   34.71   27.88    22.9   0.521   1454.8
 340.0    0.16    0.15   34.72   27.90    21.8   0.523   1455.2
 350.0    0.20    0.18   34.74   27.90    21.2   0.526   1455.5
 370.0    0.26    0.25   34.77   27.92    19.4   0.530   1456.2
 390.0    0.31    0.30   34.79   27.94    18.2   0.534   1456.8
 410.0    0.36    0.35   34.80   27.94    17.7   0.537   1457.4
 430.0    0.39    0.37   34.81   27.95    16.8   0.541   1457.8
 450.0    0.41    0.39   34.82   27.96    16.1   0.544   1458.2
 470.0    0.43    0.41   34.83   27.97    15.4   0.547   1458.7
 490.0    0.45    0.43   34.84   27.97    15.2   0.550   1459.1
 510.0    0.45    0.42   34.84   27.98    14.7   0.553   1459.5
 530.0    0.44    0.41   34.85   27.98    14.3   0.556   1459.8
 550.0    0.43    0.41   34.85   27.98    14.0   0.559   1460.1
 570.0    0.41    0.38   34.86   27.99    13.7   0.562   1460.3
 590.0    0.39    0.36   34.86   27.99    13.4   0.565   1460.5
 610.0    0.37    0.34   34.86   27.99    13.0   0.567   1460.8
 630.0    0.35    0.32   34.86   28.00    12.7   0.570   1461.0
 650.0    0.33    0.30   34.87   28.00    12.4   0.572   1461.3
 670.0    0.30    0.27   34.87   28.00    12.0   0.575   1461.5
 690.0    0.27    0.24   34.87   28.01    11.5   0.577   1461.7
 710.0    0.24    0.20   34.87   28.01    11.3   0.579   1461.9
 730.0    0.21    0.18   34.87   28.01    11.1   0.582   1462.1
 745.6    0.19    0.16   34.88   28.02    10.7   0.583   1462.3

                       DEPTH      TEMP.       SALIN

     BOT NUM = 1         8.1      -1.67
     BOT NUM = 2       252.3      -0.67       34.31
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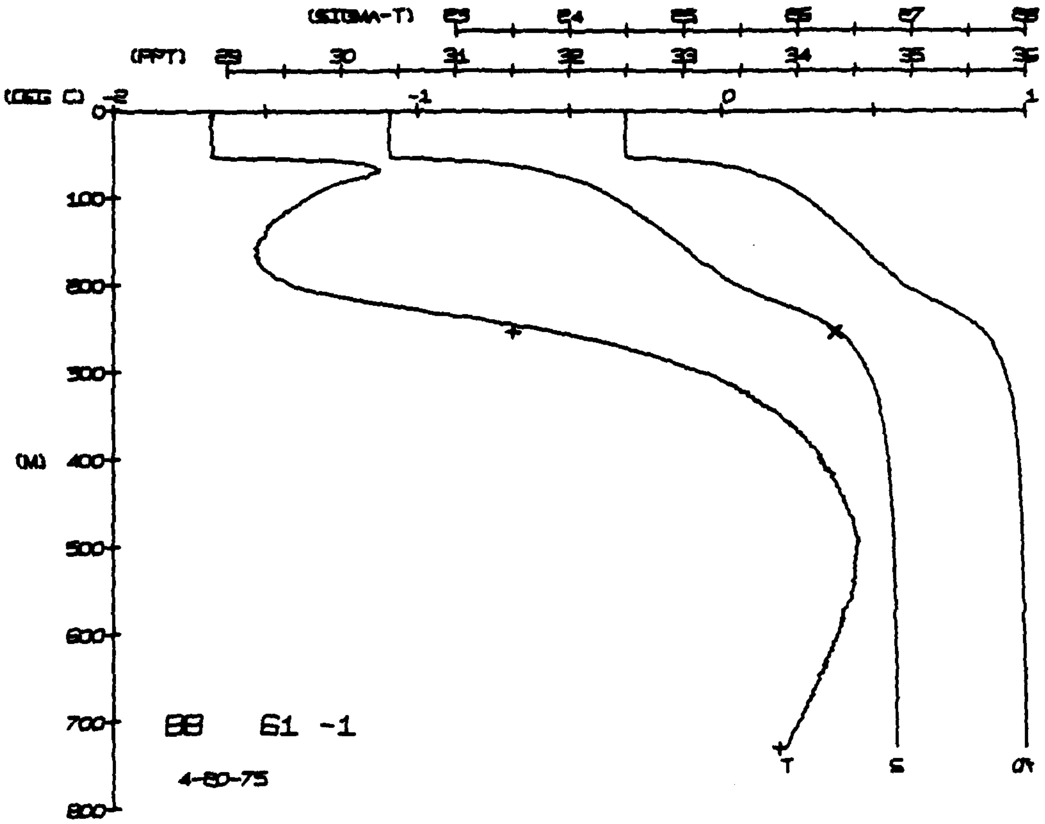
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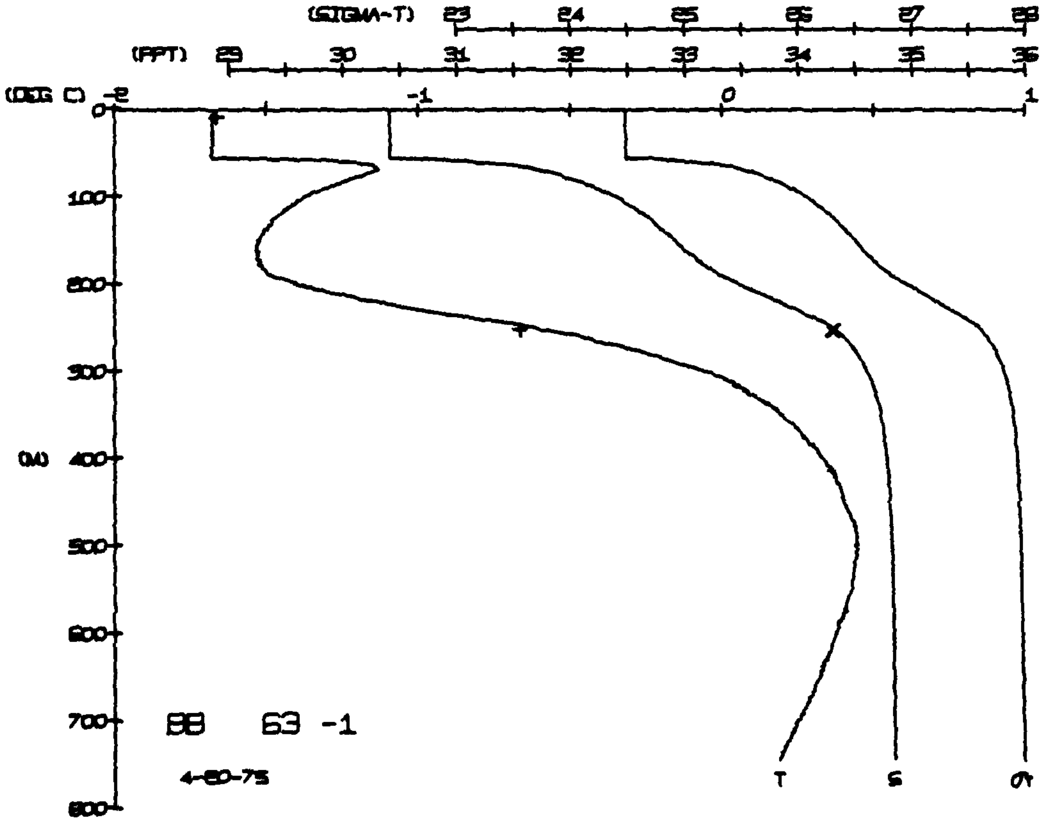
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800
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T
S
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BIG BEAR STATION  65(1) STD  21/APR/1975  403 GMT  CODE = 1
LAT = 76.4805N LNG = 144.4400W LTER =      0. LGER =      0.
AIR TEMP = -18.7 BAROM = 1017.7 WIND = 254.6 SPEED =  30.3

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0  -1.68   -1.68   30.42   24.48   345.9   0.000   1434.9
   3.2  -1.68   -1.68   30.42   24.48   345.8   0.011   1435.0
   5.0  -1.68   -1.68   30.41   24.48   346.0   0.017   1435.0
  10.0  -1.68   -1.68   30.41   24.48   346.0   0.035   1435.1
  15.0  -1.68   -1.68   30.41   24.48   345.9   0.052   1435.2
  20.0  -1.68   -1.68   30.41   24.48   345.9   0.070   1435.3
  25.0  -1.67   -1.67   30.41   24.48   346.0   0.087   1435.4
  30.0  -1.68   -1.68   30.42   24.48   345.6   0.104   1435.4
  35.0  -1.68   -1.68   30.42   24.48   345.5   0.122   1435.5
  40.0  -1.68   -1.68   30.41   24.48   345.6   0.139   1435.6
  45.0  -1.68   -1.68   30.42   24.48   345.3   0.157   1435.7
  50.0  -1.68   -1.69   30.42   24.48   345.2   0.174   1435.7
  55.0  -1.65   -1.65   30.56   24.60   334.5   0.191   1436.2
  60.0  -1.23   -1.23   31.21   25.12   285.1   0.207   1439.2
  65.0  -1.16   -1.16   31.52   25.36   261.4   0.221   1440.0
  70.0  -1.13   -1.13   31.72   25.53   245.8   0.233   1440.5
  80.0  -1.22   -1.22   32.00   25.75   224.3   0.257   1440.7
  90.0  -1.31   -1.31   32.22   25.93   207.2   0.279   1440.7
 100.0  -1.36   -1.36   32.36   26.05   196.4   0.299   1440.8
 110.0  -1.41   -1.41   32.48   26.15   186.5   0.318   1441.0
 120.0  -1.46   -1.46   32.62   26.26   175.8   0.337   1441.1
 130.0  -1.49   -1.49   32.73   26.35   167.4   0.354   1441.3
 140.0  -1.51   -1.51   32.82   26.42   160.3   0.371   1441.4
 150.0  -1.52   -1.53   32.92   26.50   152.5   0.386   1441.7
 160.0  -1.54   -1.54   33.00   26.57   145.8   0.401   1441.9
 170.0  -1.54   -1.54   33.10   26.65   138.6   0.416   1442.2
 180.0  -1.52   -1.53   33.18   26.72   132.1   0.429   1442.5
 190.0  -1.50   -1.50   33.30   26.82   122.7   0.442   1443.0
 200.0  -1.42   -1.42   33.45   26.94   111.4   0.454   1443.8
 210.0  -1.31   -1.31   33.64   27.08    97.9   0.465   1444.7
 220.0  -1.15   -1.15   33.85   27.25    82.1   0.474   1445.9
 230.0  -0.97   -0.97   34.03   27.39    68.7   0.481   1447.2
 240.0  -0.79   -0.79   34.19   27.51    57.9   0.488   1448.4
 250.0  -0.63   -0.64   34.30   27.59    50.2   0.493   1449.4
 260.0  -0.48   -0.49   34.40   27.67    42.8   0.498   1450.4
 270.0  -0.37   -0.38   34.47   27.72    38.3   0.502   1451.2
 280.0  -0.26   -0.27   34.52   27.76    34.6   0.506   1452.0
 290.0  -0.17   -0.18   34.57   27.79    31.4   0.509   1452.6
 300.0  -0.07   -0.08   34.61   27.82    28.8   0.512   1453.3
 310.0   0.00   -0.01   34.65   27.85    26.4   0.515   1453.8
 320.0   0.05    0.04   34.68   27.87    24.4   0.517   1454.3
 330.0   0.11    0.10   34.70   27.88    23.3   0.520   1454.7
 340.0   0.16    0.15   34.73   27.90    21.6   0.522   1455.2
 350.0   0.20    0.18   34.74   27.90    21.2   0.524   1455.5
 370.0   0.26    0.24   34.77   27.93    19.2   0.528   1456.2
 390.0   0.31    0.29   34.79   27.94    18.1   0.532   1456.8
 410.0   0.36    0.34   34.80   27.94    17.6   0.536   1457.3
 430.0   0.37    0.36   34.81   27.95    16.8   0.539   1457.8
 450.0   0.40    0.38   34.82   27.96    16.1   0.543   1458.2
 470.0   0.42    0.40   34.83   27.97    15.6   0.546   1458.7
 490.0   0.44    0.42   34.84   27.97    15.3   0.549   1459.1
 498.8   0.44    0.42   34.84   27.97    15.3   0.550   1459.2


                      DEPTH      TEMP.      SALIN

   BUT NUM = 1        731.7                 34.88
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BIG BEAR STATION  67(1) STD  21/APR/1975 1707 GMT  CODE = 1
LAT = 76.4920N LNG = 144.4652W LTER =      0. LGER =      0.
AIR TEMP = -24.9 BAROM = 1013.8 WIND = 214.6 SPEED =  12.0

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0  -1.67   -1.67   30.42   24.49   345.6   0.000   1435.0
   3.2  -1.67   -1.67   30.42   24.49   345.6   0.011   1435.0
   5.0  -1.67   -1.67   30.41   24.48   346.0   0.017   1435.1
  10.0  -1.68   -1.68   30.41   24.48   346.1   0.035   1435.1
  15.0  -1.68   -1.68   30.41   24.48   346.0   0.052   1435.2
  20.0  -1.68   -1.68   30.41   24.48   345.7   0.070   1435.3
  25.0  -1.68   -1.68   30.41   24.48   345.8   0.087   1435.4
  30.0  -1.68   -1.68   30.41   24.48   345.7   0.104   1435.4
  35.0  -1.68   -1.68   30.41   24.48   345.7   0.122   1435.5
  40.0  -1.68   -1.68   30.41   24.48   345.5   0.139   1435.6
  45.0  -1.67   -1.67   30.41   24.48   345.6   0.157   1435.7
  50.0  -1.68   -1.68   30.41   24.48   345.5   0.174   1435.8
  55.0  -1.68   -1.68   30.41   24.48   345.3   0.192   1435.9
  60.0  -1.25   -1.25   31.10   25.03   293.7   0.208   1438.9
  65.0  -1.16   -1.16   31.46   25.31   266.3   0.222   1440.0
  70.0  -1.14   -1.14   31.69   25.50   248.6   0.235   1440.4
  80.0  -1.24   -1.24   32.04   25.79   220.8   0.258   1440.6
  90.0  -1.31   -1.32   32.25   25.96   205.0   0.280   1440.7
 100.0  -1.37   -1.37   32.39   26.08   193.6   0.300   1440.8
 110.0  -1.41   -1.41   32.51   26.17   184.6   0.319   1441.0
 120.0  -1.45   -1.45   32.61   26.26   176.3   0.337   1441.1
 130.0  -1.48   -1.48   32.73   26.35   167.5   0.355   1441.3
 140.0  -1.50   -1.50   32.81   26.42   161.0   0.371   1441.5
 150.0  -1.51   -1.52   32.90   26.49   154.3   0.387   1441.7
 160.0  -1.53   -1.53   32.99   26.56   147.0   0.402   1441.9
 170.0  -1.53   -1.53   33.10   26.65   138.4   0.417   1442.2
 180.0  -1.52   -1.52   33.20   26.73   130.8   0.430   1442.6
 190.0  -1.48   -1.49   33.32   26.83   121.2   0.443   1443.1
 200.0  -1.41   -1.42   33.47   26.95   110.0   0.455   1443.8
 210.0  -1.29   -1.30   33.66   27.10    96.3   0.465   1444.8
 220.0  -1.15   -1.15   33.85   27.24    82.4   0.474   1445.9
 230.0  -0.97   -0.98   34.02   27.38    69.9   0.482   1447.1
 240.0  -0.79   -0.80   34.19   27.51    57.5   0.488   1448.4
 250.0  -0.63   -0.63   34.31   27.60    49.0   0.494   1449.5
 260.0  -0.47   -0.48   34.41   27.67    42.5   0.498   1450.5
 270.0  -0.36   -0.37   34.47   27.72    37.9   0.502   1451.3
 280.0  -0.24   -0.25   34.53   27.76    34.3   0.506   1452.1
 290.0  -0.13   -0.14   34.58   27.80    31.0   0.509   1452.8
 300.0  -0.06   -0.07   34.62   27.82    28.6   0.512   1453.4
 310.0   0.01    0.00   34.65   27.85    26.4   0.515   1453.9
 320.0   0.06    0.05   34.68   27.86    24.7   0.518   1454.3
 330.0   0.11    0.10   34.69   27.87    24.0   0.520   1454.7
 340.0   0.16    0.15   34.72   27.89    22.3   0.522   1455.2
 350.0   0.20    0.19   34.74   27.90    21.3   0.524   1455.5
 370.0   0.26    0.25   34.76   27.92    19.4   0.529   1456.2
 390.0   0.32    0.30   34.78   27.93    18.6   0.532   1456.8
 410.0   0.35    0.33   34.80   27.95    17.3   0.536   1457.3
 430.0   0.39    0.37   34.81   27.95    16.7   0.540   1457.8
 450.0   0.41    0.39   34.82   27.96    16.1   0.543   1458.3
 470.0   0.43    0.41   34.83   27.97    15.6   0.546   1458.7
 490.0   0.45    0.43   34.84   27.97    15.3   0.549   1459.1
 510.0   0.44    0.42   34.84   27.97    14.8   0.552   1459.4
 530.0   0.44    0.41   34.85   27.98    14.4   0.555   1459.7
 550.0   0.43    0.40   34.85   27.98    14.1   0.558   1460.0
 570.0   0.40    0.38   34.85   27.99    13.7   0.561   1460.3
 590.0   0.38    0.36   34.86   27.99    13.5   0.564   1460.5
 610.0   0.37    0.34   34.86   27.99    13.1   0.566   1460.8
 630.0   0.34    0.31   34.86   28.00    12.8   0.569   1461.0
 650.0   0.31    0.28   34.86   28.00    12.6   0.571   1461.2
 670.0   0.29    0.26   34.86   28.00    12.2   0.574   1461.4
 690.0   0.26    0.23   34.87   28.01    11.7   0.576   1461.6
 710.0   0.23    0.20   34.87   28.01    11.5   0.579   1461.8
 730.0   0.20    0.17   34.87   28.01    11.2   0.581   1462.1
 730.7   0.20    0.17   34.87   28.01    11.1   0.581   1462.1

                      DEPTH      TEMP.      SALIN

   BUT NUM = 1          8.1      -1.66      30.43
   BUT NUM = 2         53.2                 30.40
   BUT NUM = 3        246.9      -0.70      34.27
   BUT NUM = 4        499.5       0.47      34.84
   BUT NUM = 5        727.9       0.22      34.87
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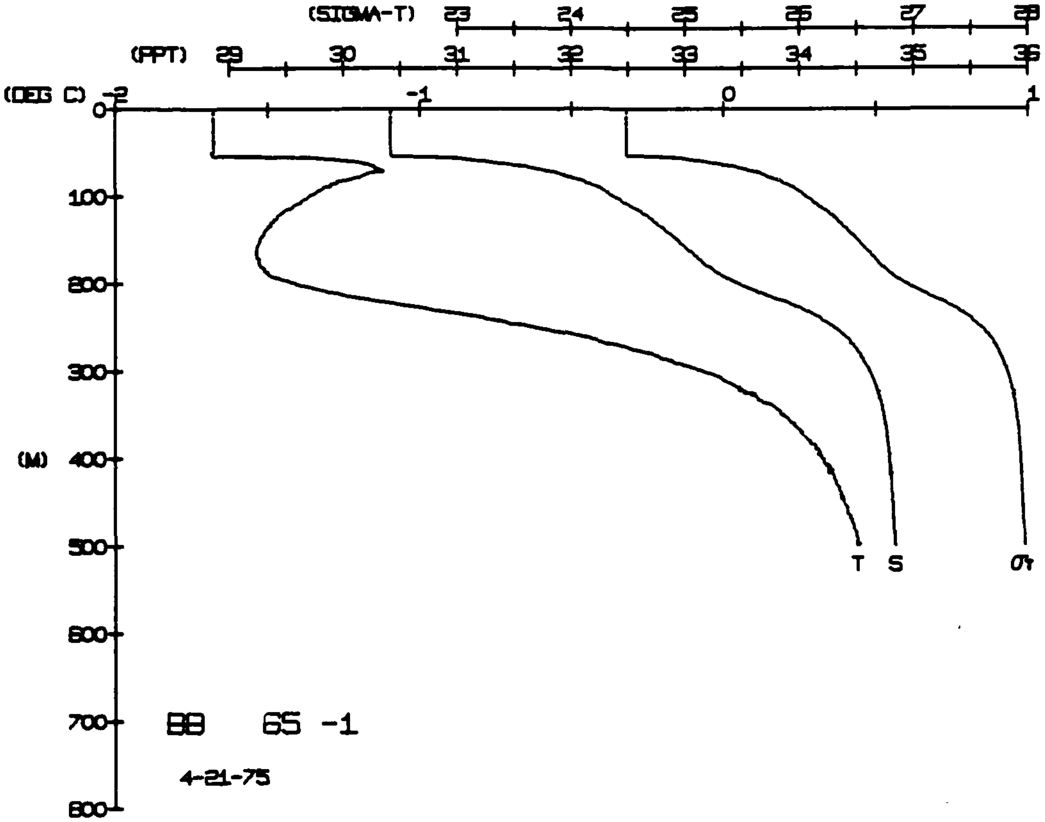
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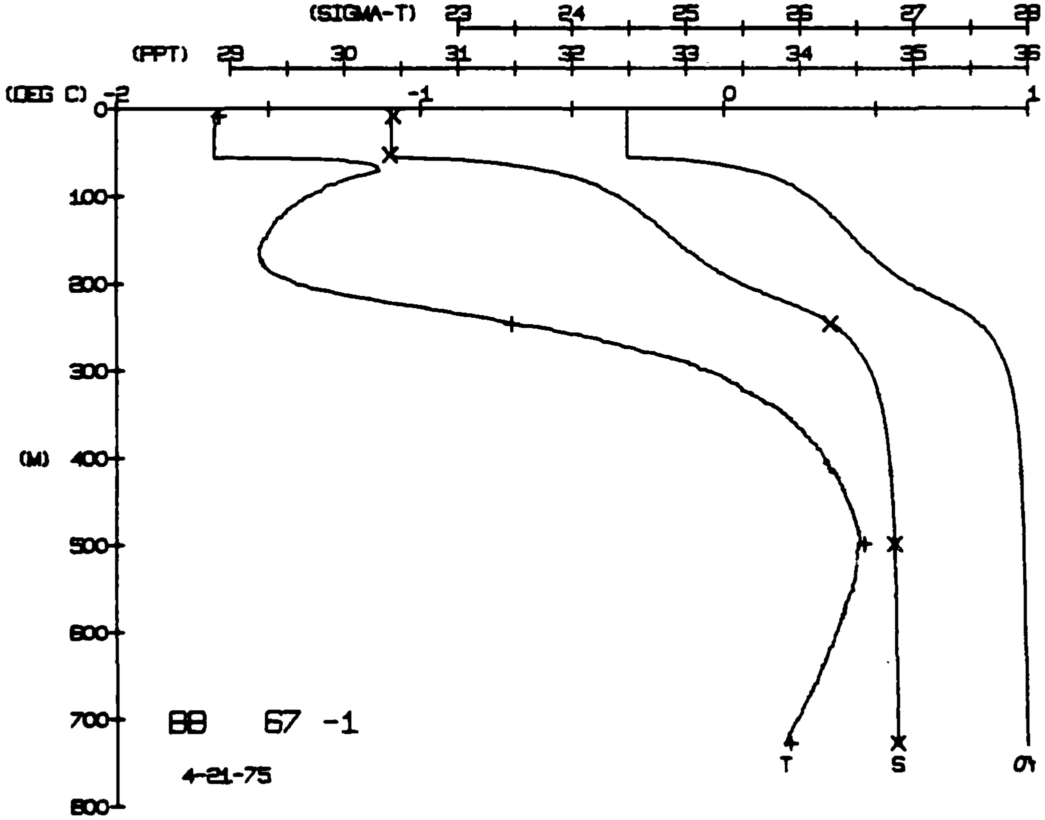
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
T S σt
BB 65 -1
4-21-75


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
T S σt
BB 67 -1
4-21-75

```
BIG BEAR STATION  69(1) STD  22/APR/1975  410 GMT  CODE = 1
LAT = 76.4855N LNG = 144.5238W LTER =      0. LGER =      0.
AIR TEMP = -24.9 BAROM = 1013.0 WIND = 214.6 SPEED =  12.0

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.67   -1.67   30.41   24.48   346.5   0.000  1435.0
   3.3   -1.67   -1.67   30.41   24.48   346.4   0.012  1435.0
   5.0   -1.67   -1.67   30.41   24.47   346.6   0.017  1435.0
  10.0   -1.68   -1.68   30.41   24.48   346.4   0.035  1435.1
  15.0   -1.68   -1.68   30.41   24.48   346.3   0.052  1435.2
  20.0   -1.68   -1.68   30.41   24.48   346.2   0.070  1435.3
  25.0   -1.68   -1.68   30.41   24.48   346.0   0.087  1435.3
  30.0   -1.68   -1.68   30.41   24.48   345.9   0.105  1435.4
  35.0   -1.68   -1.68   30.41   24.48   345.9   0.122  1435.5
  40.0   -1.68   -1.68   30.41   24.48   345.9   0.139  1435.6
  45.0   -1.68   -1.68   30.41   24.48   345.7   0.157  1435.7
  50.0   -1.68   -1.68   30.41   24.48   345.5   0.174  1435.8
  55.0   -1.68   -1.68   30.41   24.48   345.4   0.192  1435.8
  60.0   -1.30   -1.30   30.99   24.94   301.9   0.208  1438.5
  65.0   -1.16   -1.16   31.40   25.27   270.2   0.222  1439.8
  70.0   -1.15   -1.15   31.71   25.52   246.8   0.235  1440.4
  80.0   -1.23   -1.23   32.01   25.76   223.7   0.259  1440.6
  90.0   -1.30   -1.30   32.20   25.92   208.6   0.281  1440.8
 100.0   -1.36   -1.36   32.36   26.05   195.8   0.301  1440.9
 110.0   -1.41   -1.41   32.50   26.16   185.4   0.321  1441.0
 120.0   -1.44   -1.45   32.61   26.25   176.8   0.339  1441.1
 130.0   -1.48   -1.48   32.70   26.33   169.7   0.356  1441.3
 140.0   -1.50   -1.50   32.81   26.42   161.0   0.373  1441.5
 150.0   -1.51   -1.51   32.90   26.49   154.1   0.389  1441.7
 160.0   -1.52   -1.53   33.00   26.57   146.2   0.404  1442.0
 170.0   -1.53   -1.53   33.10   26.65   138.6   0.418  1442.2
 180.0   -1.51   -1.51   33.22   26.75   129.6   0.432  1442.7
 190.0   -1.48   -1.49   33.33   26.84   120.7   0.445  1443.1
 200.0   -1.42   -1.43   33.47   26.95   110.4   0.456  1443.8
 210.0   -1.32   -1.32   33.62   27.07    99.3   0.467  1444.6
 220.0   -1.18   -1.18   33.81   27.21    85.3   0.476  1445.7
 230.0   -1.01   -1.02   34.00   27.36    71.5   0.484  1446.9
 240.0   -0.80   -0.81   34.17   27.50    58.7   0.491  1448.3
 250.0   -0.63   -0.64   34.31   27.60    49.3   0.496  1449.4
 260.0   -0.49   -0.50   34.41   27.68    42.1   0.501  1450.4
 270.0   -0.35   -0.36   34.48   27.72    37.6   0.505  1451.3
 280.0   -0.23   -0.25   34.54   27.77    33.8   0.508  1452.1
 290.0   -0.14   -0.15   34.58   27.80    30.8   0.512  1452.8
 300.0   -0.06   -0.07   34.62   27.82    28.6   0.515  1453.3
 310.0    0.00   -0.01   34.65   27.84    26.5   0.517  1453.9
 320.0    0.04    0.03   34.67   27.86    24.9   0.520  1454.2
 330.0    0.11    0.10   34.69   27.87    24.0   0.522  1454.7
 340.0    0.15    0.13   34.72   27.89    22.2   0.525  1455.1
 350.0    0.19    0.18   34.73   27.90    21.4   0.527  1455.5
 370.0    0.26    0.25   34.76   27.92    19.6   0.531  1456.2
 390.0    0.31    0.29   34.78   27.93    18.4   0.535  1456.8
 410.0    0.36    0.35   34.79   27.94    18.0   0.539  1457.3
 430.0    0.38    0.37   34.81   27.95    16.8   0.542  1457.8
 450.0    0.41    0.39   34.82   27.96    16.2   0.545  1458.2
 470.0    0.43    0.41   34.83   27.97    15.6   0.549  1458.7
 490.0    0.45    0.42   34.84   27.97    15.1   0.552  1459.1
 510.0    0.44    0.42   34.84   27.97    14.9   0.555  1459.4
 530.0    0.44    0.41   34.85   27.98    14.6   0.558  1459.7
 550.0    0.42    0.40   34.85   27.98    14.2   0.561  1460.0
 570.0    0.40    0.38   34.85   27.99    13.9   0.563  1460.3
 590.0    0.38    0.36   34.86   27.99    13.5   0.566  1460.5
 610.0    0.37    0.34   34.86   27.99    13.3   0.569  1460.8
 630.0    0.34    0.31   34.86   27.99    12.9   0.572  1461.0
 650.0    0.32    0.29   34.86   28.00    12.7   0.574  1461.3
 670.0    0.29    0.26   34.86   28.00    12.2   0.577  1461.5
 690.0    0.26    0.23   34.86   28.00    12.0   0.579  1461.7
 710.0    0.24    0.20   34.87   28.01    11.6   0.582  1461.9
 730.0    0.20    0.17   34.87   28.01    11.1   0.584  1462.1
 730.6    0.20    0.17   34.87   28.01    10.9   0.584  1462.1

                         DEPTH       TEMP.       SALIN

      BOT NUM = 1          3.4       -1.66       30.40
      BOT NUM = 2         53.0                   30.41
      BOT NUM = 3        497.4        0.46       34.83
      BOT NUM = 4        733.4        0.22       34.87
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BIG BEAR STATION  71(1) STD  22/APR/1975 1704 GMT  CODE = 1
LAT = 76.4726N LNG = 144.5936W LTER =      0. LGER =      0.
AIR TEMP =        BAROM = 1011.3 WIND =        SPEED =

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.67   -1.67   30.41   24.48   346.6   0.000  1435.0
  3.1   -1.67   -1.67   30.41   24.48   346.5   0.011  1435.0
  5.0   -1.67   -1.67   30.40   24.47   346.7   0.017  1435.0
 10.0   -1.67   -1.67   30.40   24.47   346.9   0.035  1435.1
 15.0   -1.68   -1.68   30.41   24.48   346.4   0.052  1435.2
 20.0   -1.68   -1.68   30.41   24.48   346.3   0.070  1435.3
 25.0   -1.67   -1.67   30.40   24.47   346.5   0.087  1435.4
 30.0   -1.68   -1.68   30.41   24.47   346.3   0.105  1435.4
 35.0   -1.67   -1.67   30.41   24.47   346.3   0.122  1435.5
 40.0   -1.67   -1.67   30.41   24.48   346.0   0.140  1435.6
 45.0   -1.68   -1.68   30.41   24.48   346.0   0.157  1435.7
 50.0   -1.67   -1.68   30.41   24.48   346.0   0.174  1435.8
 55.0   -1.68   -1.68   30.41   24.48   345.6   0.192  1435.8
 60.0   -1.28   -1.29   30.93   24.89   306.5   0.208  1438.5
 65.0   -1.15   -1.16   31.37   25.24   273.0   0.223  1439.8
 70.0   -1.15   -1.15   31.66   25.48   250.3   0.236  1440.4
 80.0   -1.20   -1.20   31.96   25.72   227.1   0.260  1440.7
 90.0   -1.30   -1.31   32.21   25.93   207.9   0.282  1440.7
100.0   -1.37   -1.37   32.37   26.06   195.0   0.302  1440.8
110.0   -1.41   -1.42   32.50   26.16   185.3   0.322  1440.9
120.0   -1.45   -1.45   32.60   26.25   177.3   0.340  1441.1
130.0   -1.49   -1.49   32.72   26.35   167.8   0.357  1441.2
140.0   -1.49   -1.50   32.82   26.42   160.5   0.374  1441.5
150.0   -1.52   -1.52   32.91   26.50   153.1   0.390  1441.7
160.0   -1.53   -1.54   33.00   26.57   146.0   0.405  1441.9
170.0   -1.53   -1.53   33.11   26.66   137.6   0.419  1442.3
180.0   -1.52   -1.52   33.21   26.74   129.8   0.432  1442.6
190.0   -1.48   -1.49   33.33   26.84   120.7   0.445  1443.1
200.0   -1.41   -1.41   33.48   26.96   109.3   0.457  1443.8
210.0   -1.30   -1.30   33.65   27.09    97.2   0.467  1444.8
220.0   -1.15   -1.16   33.83   27.23    83.5   0.476  1445.9
230.0   -0.98   -0.98   34.03   27.39    69.1   0.484  1447.1
240.0   -0.79   -0.79   34.19   27.51    57.6   0.490  1448.4
250.0   -0.63   -0.64   34.31   27.60    49.3   0.496  1449.5
260.0   -0.49   -0.50   34.40   27.66    43.1   0.500  1450.4
270.0   -0.39   -0.40   34.47   27.72    38.3   0.505  1451.1
280.0   -0.25   -0.26   34.53   27.76    34.3   0.508  1452.0
290.0   -0.15   -0.16   34.58   27.80    31.0   0.512  1452.7
300.0   -0.06   -0.07   34.62   27.83    28.2   0.515  1453.4
310.0    0.00   -0.01   34.65   27.84    26.5   0.517  1453.9
320.0    0.05    0.03   34.67   27.86    25.0   0.520  1454.2
330.0    0.09    0.08   34.70   27.88    23.0   0.522  1454.7
340.0    0.14    0.13   34.72   27.89    22.0   0.525  1455.1
350.0    0.19    0.18   34.73   27.90    21.4   0.527  1455.5
370.0    0.26    0.25   34.77   27.92    19.3   0.531  1456.2
390.0    0.32    0.31   34.78   27.93    18.5   0.535  1456.8
410.0    0.36    0.35   34.80   27.95    17.4   0.538  1457.4
430.0    0.39    0.37   34.81   27.95    17.0   0.542  1457.8
450.0    0.41    0.39   34.82   27.96    16.2   0.545  1458.3
470.0    0.43    0.41   34.83   27.97    15.6   0.548  1458.7
490.0    0.45    0.43   34.84   27.97    15.2   0.551  1459.1
510.0    0.44    0.42   34.84   27.97    15.0   0.555  1459.4
530.0    0.44    0.42   34.85   27.98    14.5   0.558  1459.8
550.0    0.43    0.40   34.85   27.98    14.4   0.560  1460.1
570.0    0.40    0.38   34.86   27.99    13.7   0.563  1460.3
590.0    0.39    0.36   34.86   27.99    13.5   0.566  1460.6
610.0    0.37    0.34   34.86   27.99    13.1   0.569  1460.8
630.0    0.34    0.31   34.86   28.00    12.6   0.571  1461.0
650.0    0.32    0.29   34.86   28.00    12.5   0.574  1461.2
670.0    0.29    0.26   34.87   28.00    12.1   0.576  1461.4
690.0    0.27    0.23   34.86   28.00    12.0   0.579  1461.7
710.0    0.24    0.21   34.87   28.01    11.7   0.581  1461.9
730.0    0.21    0.17   34.87   28.01    11.3   0.584  1462.1
731.1    0.21    0.17   34.87   28.01    11.2   0.584  1462.1

                        DEPTH       TEMP.       SALIN

      BOT NUM = 1         8.3       -1.67       30.41
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      BOT NUM = 3       252.1                   34.29
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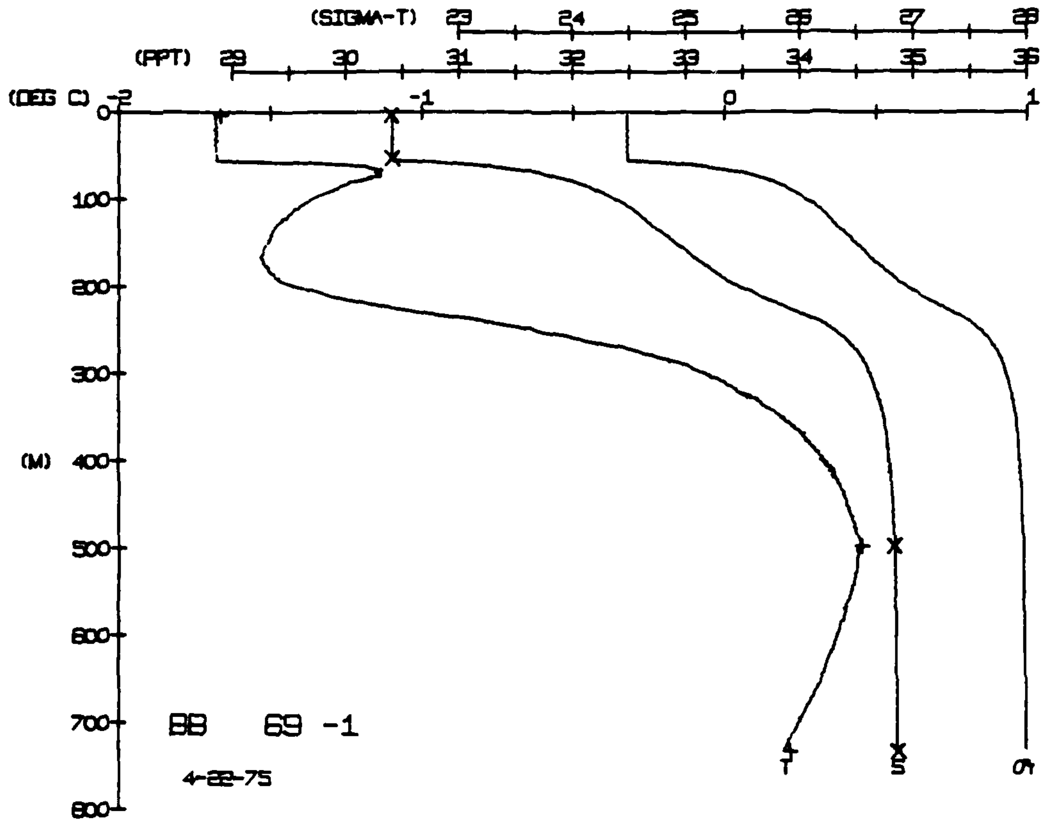

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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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100
200
300
(M) 400
500
600
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800
BB 69 -1
4-22-75
T
S
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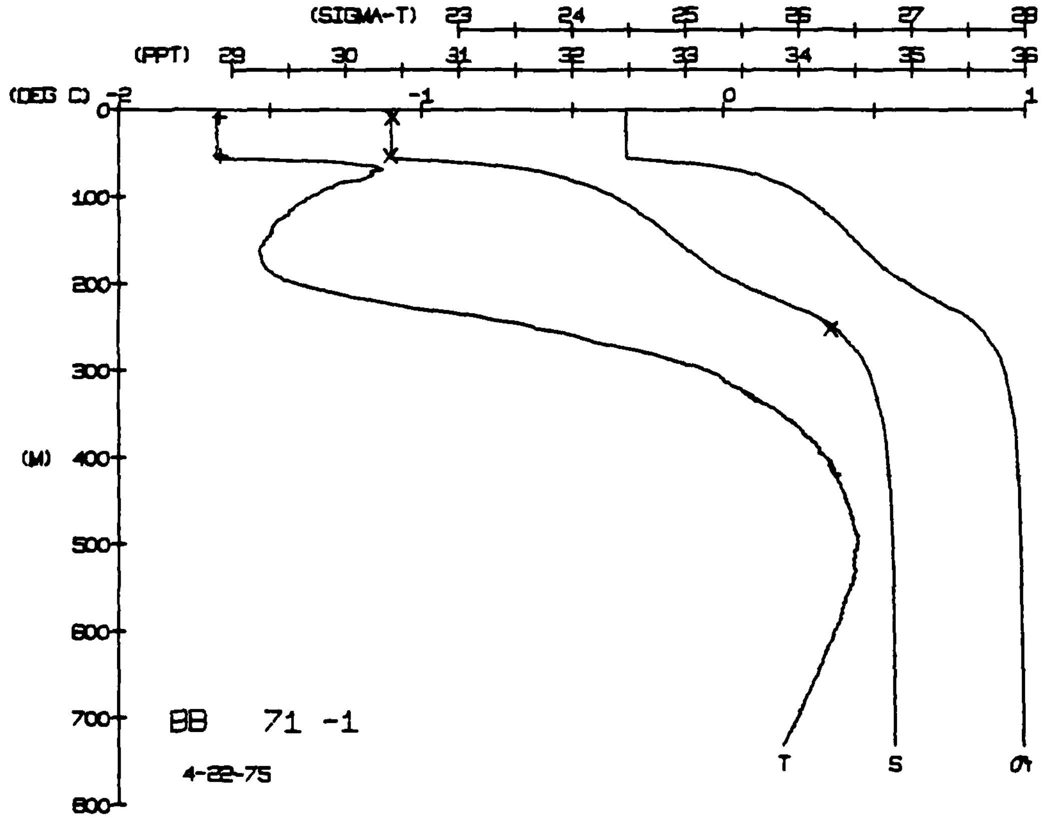

(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 71 -1
4-22-75
T
S
σt

```
BIG BEAR STATIUN  73(1) STD  23/APR/1975  4)6 GMT  CUDE = 1
LAT = 76.4552N LNG = 144.5629W LTER =      0. LGER =      0.
AIR TEMP =        BAROM = 1005.6 WIND =        SPEED =

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0  -1.67  -1.67  30.40  24.47  347.0  0.000  1435.0
  4.9  -1.67  -1.67  30.40  24.47  347.0  0.017  1435.0
  5.0  -1.67  -1.67  30.40  24.47  346.9  0.017  1435.0
 10.0  -1.68  -1.68  30.40  24.47  346.7  0.035  1435.1
 15.0  -1.68  -1.68  30.40  24.47  346.8  0.052  1435.2
 20.0  -1.68  -1.68  30.40  24.47  346.6  0.070  1435.3
 25.0  -1.68  -1.68  30.40  24.47  346.4  0.087  1435.3
 30.0  -1.68  -1.68  30.40  24.47  346.4  0.105  1435.4
 35.0  -1.68  -1.68  30.40  24.47  346.6  0.122  1435.5
 40.0  -1.68  -1.68  30.41  24.48  346.1  0.140  1435.6
 45.0  -1.68  -1.68  30.41  24.48  346.0  0.157  1435.7
 50.0  -1.68  -1.68  30.41  24.48  345.9  0.174  1435.8
 55.0  -1.68  -1.68  30.41  24.48  345.5  0.192  1435.9
 60.0  -1.33  -1.33  30.87  24.84  311.2  0.208  1438.2
 65.0  -1.15  -1.16  31.38  25.25  271.9  0.223  1439.9
 70.0  -1.16  -1.16  31.70  25.51  247.5  0.236  1440.3
 80.0  -1.23  -1.23  31.99  25.75  225.0  0.260  1440.6
 90.0  -1.29  -1.29  32.19  25.91  209.4  0.282  1440.8
100.0  -1.36  -1.36  32.35  26.04  196.6  0.302  1440.8
110.0  -1.41  -1.41  32.49  26.16  185.9  0.322  1441.0
120.0  -1.44  -1.44  32.59  26.24  177.8  0.340  1441.1
130.0  -1.47  -1.47  32.70  26.33  169.4  0.358  1441.3
140.0  -1.49  -1.50  32.80  26.41  161.6  0.374  1441.5
150.0  -1.52  -1.52  32.91  26.50  153.0  0.390  1441.7
160.0  -1.52  -1.52  33.00  26.57  146.4  0.405  1442.0
170.0  -1.52  -1.52  33.10  26.65  138.7  0.420  1442.3
180.0  -1.51  -1.51  33.21  26.74  129.9  0.433  1442.7
190.0  -1.47  -1.48  33.34  26.85  120.1  0.446  1443.2
200.0  -1.42  -1.43  33.46  26.94  110.7  0.457  1443.8
210.0  -1.31  -1.32  33.62  27.07   98.8  0.468  1444.7
220.0  -1.15  -1.15  33.84  27.24   82.9  0.477  1445.9
230.0  -1.01  -1.02  33.99  27.35   72.2  0.485  1446.9
240.0  -0.82  -0.82  34.16  27.49   59.8  0.492  1448.2
250.0  -0.63  -0.64  34.30  27.59   49.8  0.497  1449.4
260.0  -0.51  -0.52  34.39  27.66   43.5  0.502  1450.3
270.0  -0.38  -0.39  34.47  27.72   38.1  0.506  1451.2
280.0  -0.26  -0.27  34.53  27.76   34.3  0.510  1452.0
290.0  -0.16  -0.17  34.58  27.79   31.2  0.513  1452.7
300.0  -0.06  -0.07  34.62  27.82   28.6  0.516  1453.3
310.0   0.00  -0.02  34.65  27.85   26.4  0.519  1453.8
320.0   0.06   0.05  34.67  27.86   25.0  0.521  1454.3
330.0   0.10   0.09  34.70  27.88   23.5  0.524  1454.7
340.0   0.15   0.14  34.72  27.89   22.2  0.526  1455.1
350.0   0.21   0.19  34.74  27.91   21.0  0.528  1455.6
370.0   0.26   0.25  34.76  27.92   20.0  0.533  1456.2
390.0   0.32   0.30  34.79  27.94   18.1  0.536  1456.8
410.0   0.35   0.34  34.80  27.95   17.4  0.540  1457.3
430.0   0.38   0.37  34.81  27.95   16.8  0.543  1457.8
450.0   0.41   0.39  34.82  27.96   16.0  0.547  1458.3
470.0   0.43   0.41  34.83  27.96   15.8  0.550  1458.7
490.0   0.45   0.42  34.84  27.97   15.1  0.553  1459.1
510.0   0.44   0.42  34.84  27.97   15.1  0.556  1459.4
530.0   0.44   0.42  34.85  27.98   14.6  0.559  1459.8
550.0   0.43   0.40  34.85  27.98   14.2  0.562  1460.0
570.0   0.41   0.38  34.85  27.99   13.9  0.565  1460.3
590.0   0.39   0.36  34.86  27.99   13.5  0.568  1460.5
610.0   0.37   0.34  34.86  27.99   13.4  0.570  1460.8
630.0   0.35   0.32  34.86  27.99   13.0  0.573  1461.0
650.0   0.32   0.29  34.86  28.00   12.7  0.576  1461.2
670.0   0.29   0.26  34.86  28.00   12.5  0.578  1461.4
690.0   0.26   0.23  34.87  28.00   11.9  0.581  1461.7
710.0   0.24   0.21  34.87  28.01   11.6  0.583  1461.9
730.0   0.21   0.18  34.87  28.01   11.4  0.585  1462.1
731.5   0.21   0.17  34.87  28.01   11.1  0.586  1462.1

                   DEPTH     TEMP.     SALIN

   BOT NUM = 1       7.6     -1.66     30.40
   BOT NUM = 2      52.8               30.39
   BOT NUM = 3     251.7     -0.67     34.26
   BOT NUM = 4     501.6      0.46     34.84
   BOT NUM = 5     734.4      0.23     34.87
```

```
BIG BEAR STATIUN  75(1) STD  23/APR/1975 1728 GMT  CODE = 1
LAT = 76.4408N LNG = 144.5205W LTER =      0. LGER =      0.
AIR TEMP = -26.8 BAROM = 1004.0 WIND = 195.7 SPEED =  39.3

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0
  5.0
 10.0
 15.0
 20.0
 25.0
 30.0
 35.0
 40.0
 45.0
 50.0
 55.0
 60.0
 65.0
 70.0
 80.0
 86.0  -1.24  -1.25  32.08  25.82  217.6  0.000  1440.8
 90.0  -1.28  -1.28  32.18  25.90  210.2  0.009  1440.8
100.0  -1.36  -1.36  32.36  26.05  195.9  0.029  1440.9
110.0  -1.40  -1.41  32.48  26.15  186.7  0.048  1441.0
120.0  -1.44  -1.44  32.60  26.24  177.5  0.067  1441.1
130.0  -1.46  -1.47  32.70  26.32  169.8  0.084  1441.3
140.0  -1.49  -1.49  32.80  26.41  162.0  0.101  1441.5
150.0  -1.50  -1.51  32.89  26.48  154.6  0.117  1441.7
160.0  -1.52  -1.53  32.98  26.56  147.6  0.132  1441.9
170.0  -1.52  -1.52  33.11  26.66  138.0  0.147  1442.3
180.0  -1.50  -1.51  33.21  26.74  130.0  0.160  1442.7
190.0  -1.47  -1.48  33.32  26.83  121.3  0.173  1443.2
200.0  -1.41  -1.41  33.47  26.95  110.6  0.185  1443.8
210.0  -1.29  -1.30  33.65  27.09   96.8  0.195  1444.8
220.0  -1.14  -1.14  33.85  27.25   82.0  0.204  1446.0
230.0  -0.97  -0.98  34.03  27.39   68.7  0.212  1447.2
240.0  -0.78  -0.79  34.19  27.51   57.3  0.218  1448.4
250.0  -0.62  -0.62  34.31  27.60   48.9  0.223  1449.5
260.0  -0.51  -0.52  34.39  27.66   43.5  0.228  1450.3
270.0  -0.37  -0.37  34.47  27.72   38.2  0.232  1451.2
280.0  -0.26  -0.27  34.52  27.76   34.7  0.236  1452.0
290.0  -0.16  -0.17  34.57  27.79   31.3  0.239  1452.7
300.0  -0.05  -0.06  34.62  27.82   28.6  0.242  1453.4
310.0   0.00  -0.01  34.65  27.84   26.6  0.245  1453.9
320.0   0.07   0.06  34.68  27.86   24.9  0.248  1454.4
330.0   0.11   0.09  34.70  27.88   23.1  0.250  1454.7
340.0   0.14   0.13  34.72  27.89   22.0  0.252  1455.1
350.0   0.19   0.17  34.74  27.91   21.0  0.255  1455.5
370.0   0.27   0.25  34.77  27.92   19.3  0.259  1456.2
390.0   0.32   0.30  34.79  27.94   18.1  0.262  1456.8
410.0   0.37   0.35  34.79  27.94   18.0  0.266  1457.4
430.0   0.39   0.37  34.81  27.95   17.0  0.270  1457.8
450.0   0.42   0.40  34.82  27.96   16.3  0.273  1458.3
470.0   0.44   0.42  34.83  27.97   15.7  0.276  1458.7
490.0   0.45   0.43  34.84  27.97   15.0  0.279  1459.1
510.0   0.44   0.42  34.84  27.98   14.7  0.282  1459.4
530.0   0.44   0.41  34.85  27.98   14.5  0.285  1459.8
550.0   0.43   0.41  34.85  27.98   13.9  0.288  1460.1
570.0   0.41   0.38  34.85  27.98   13.9  0.291  1460.3
590.0   0.38   0.36  34.86  27.99   13.4  0.294  1460.5
610.0   0.36   0.34  34.86  27.99   13.0  0.296  1460.8
630.0   0.34   0.31  34.86  28.00   12.6  0.299  1461.0
650.0   0.31   0.28  34.86  28.00   12.3  0.301  1461.2
670.0   0.28   0.25  34.86  28.00   12.2  0.304  1461.4
690.0   0.27   0.24  34.87  28.00   11.9  0.306  1461.7
710.0   0.24   0.21  34.87  28.01   11.5  0.309  1461.9
730.0   0.21   0.18  34.87  28.01   11.4  0.311  1462.1

                   DEPTH     TEMP.     SALIN

   BOT NUM = 1       8.1               30.39
   BOT NUM = 2      53.0               30.41
   BOT NUM = 3     253.2     -0.65     34.29
   BOT NUM = 4     503.3      0.46     34.84
   BOT NUM = 5     751.7      0.21     34.87
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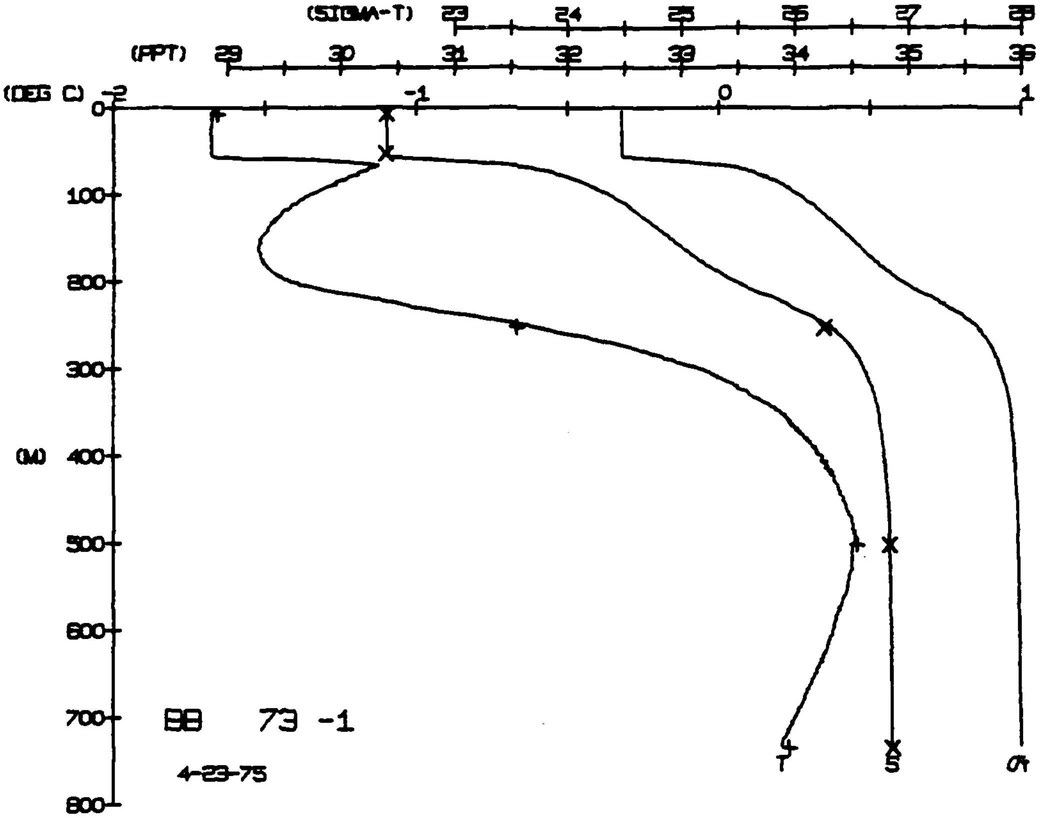
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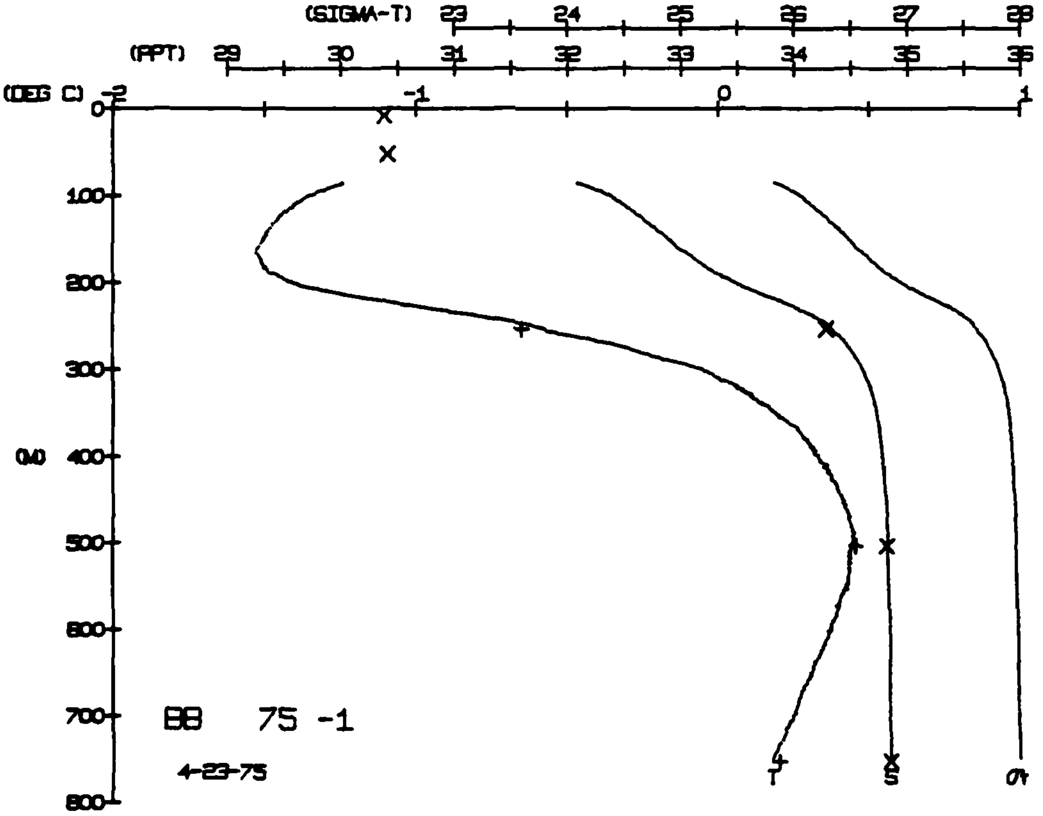
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0 100 200 300 400 500 600 700 800
(M)
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S
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BIG BEAR STATION  77(1) STD  24/APR/1975  336 GMT  CODE = 1
LAT = 76.4371N LNG = 144.4942W LTER =     12, LGER =     37,
AIR TEMP = -26.8 BAROM = 1004.5 WIND = 195.7 SPEED =  39.3

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.68   -1.68   30.41   24.48   346.5   0.000  1434.9
   5.0   -1.68   -1.68   30.41   24.48   346.4   0.017  1435.0
   5.1   -1.68   -1.68   30.41   24.48   346.4   0.018  1435.0
  10.0   -1.68   -1.68   30.40   24.47   346.9   0.035  1435.1
  15.0   -1.68   -1.68   30.40   24.47   346.8   0.052  1435.2
  20.0   -1.68   -1.68   30.40   24.47   346.6   0.070  1435.2
  25.0   -1.68   -1.68   30.40   24.47   346.5   0.087  1435.3
  30.0   -1.68   -1.68   30.40   24.47   346.6   0.105  1435.4
  35.0   -1.69   -1.69   30.40   24.47   346.3   0.122  1435.5
  40.0   -1.68   -1.69   30.40   24.47   346.5   0.140  1435.6
  45.0   -1.68   -1.68   30.40   24.47   346.2   0.157  1435.7
  50.0   -1.68   -1.68   30.40   24.47   346.2   0.174  1435.7
  55.0   -1.68   -1.68   30.40   24.47   346.2   0.192  1435.8
  60.0   -1.30   -1.30   30.90   24.87   308.7   0.208  1438.4
  65.0   -1.16   -1.16   31.38   25.25   272.1   0.223  1439.8
  70.0   -1.15   -1.15   31.65   25.47   251.7   0.236  1440.3
  80.0   -1.22   -1.22   31.98   25.74   225.4   0.260  1440.6
  90.0   -1.28   -1.29   32.19   25.91   209.6   0.282  1440.8
 100.0   -1.36   -1.36   32.35   26.04   196.7   0.303  1440.8
 110.0   -1.41   -1.41   32.48   26.15   186.8   0.322  1440.9
 120.0   -1.44   -1.44   32.60   26.25   177.2   0.340  1441.1
 130.0   -1.47   -1.48   32.71   26.33   168.9   0.358  1441.3
 140.0   -1.50   -1.50   32.81   26.42   160.8   0.374  1441.5
 150.0   -1.51   -1.52   32.91   26.50   153.2   0.390  1441.7
 160.0   -1.52   -1.53   33.00   26.57   146.0   0.405  1442.0
 170.0   -1.52   -1.53   33.09   26.64   139.4   0.420  1442.2
 180.0   -1.51   -1.52   33.19   26.72   131.6   0.434  1442.6
 190.0   -1.49   -1.49   33.31   26.82   122.7   0.446  1443.0
 200.0   -1.43   -1.43   33.45   26.93   112.1   0.458  1443.7
 210.0   -1.31   -1.31   33.64   27.08    97.9   0.469  1444.7
 220.0   -1.15   -1.15   33.83   27.23    83.5   0.478  1445.9
 230.0   -0.99   -0.99   34.02   27.38    69.8   0.486  1447.1
 240.0   -0.80   -0.80   34.18   27.50    58.0   0.492  1448.4
 250.0   -0.64   -0.65   34.31   27.60    49.4   0.498  1449.4
 260.0   -0.49   -0.50   34.39   27.66    43.6   0.502  1450.4
 270.0   -0.36   -0.37   34.47   27.72    38.1   0.506  1451.3
 280.0   -0.26   -0.27   34.52   27.75    34.9   0.510  1452.0
 290.0   -0.16   -0.17   34.57   27.79    31.7   0.513  1452.7
 300.0   -0.06   -0.07   34.61   27.81    29.4   0.517  1453.3
 310.0    0.00   -0.01   34.64   27.84    27.1   0.519  1453.8
 320.0    0.05    0.04   34.67   27.86    25.2   0.522  1454.3
 330.0    0.10    0.08   34.70   27.88    23.4   0.524  1454.7
 340.0    0.15    0.14   34.72   27.89    22.5   0.527  1455.1
 350.0    0.18    0.17   34.74   27.90    21.1   0.529  1455.4
 370.0    0.26    0.24   34.75   27.91    20.2   0.533  1456.2
 390.0    0.31    0.29   34.78   27.94    18.3   0.537  1456.8
 410.0    0.34    0.32   34.80   27.94    17.6   0.541  1457.3
 430.0    0.38    0.36   34.81   27.95    16.9   0.544  1457.8
 450.0    0.41    0.39   34.82   27.96    16.1   0.548  1458.3
 470.0    0.43    0.41   34.83   27.97    15.5   0.551  1458.7
 490.0    0.45    0.43   34.84   27.97    15.1   0.554  1459.1
 510.0    0.45    0.42   34.84   27.98    14.8   0.557  1459.5
 530.0    0.44    0.41   34.85   27.98    14.6   0.560  1459.7
 550.0    0.43    0.41   34.85   27.98    14.3   0.563  1460.1
 570.0    0.41    0.38   34.85   27.99    13.9   0.566  1460.3
 590.0    0.39    0.36   34.86   27.99    13.3   0.568  1460.6
 610.0    0.37    0.34   34.86   27.99    13.1   0.571  1460.8
 630.0    0.34    0.32   34.86   27.99    12.9   0.574  1461.0
 650.0    0.32    0.29   34.86   28.00    12.6   0.576  1461.2
 670.0    0.29    0.26   34.87   28.00    12.2   0.579  1461.4
 690.0    0.26    0.23   34.87   28.01    11.8   0.581  1461.6
 710.0    0.23    0.20   34.87   28.01    11.4   0.583  1461.8
 730.0    0.21    0.18   34.87   28.01    11.2   0.586  1462.1
 732.6    0.21    0.17   34.87   28.01    11.0   0.586  1462.1

                         DEPTH        TEMP.       SALIN

        BUT NUM = 1        8.7                    30.41
        BUT NUM = 2        9.4                    30.39
        BUT NUM = 3       53.5                    30.40
        BUT NUM = 4      503.8                    34.85
        ROT NUM = 5      735.8        0.22        34.88
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BIG BEAR STATION  79(1) STD  24/APR/1975 1738 GMT  CODE = 1
LAT = 76.4389N LNG = 144.5032W LTER =      1, LGER =      1,
AIR TEMP = -20.9 BAROM = 1003.9 WIND = 243.1 SPEED =  27.9

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.67   -1.67   30.40   24.47   347.2   0.000  1435.0
  4.4   -1.67   -1.67   30.40   24.47   347.2   0.015  1435.0
  5.0   -1.68   -1.68   30.40   24.47   346.9   0.017  1435.0
 10.0   -1.68   -1.68   30.40   24.47   346.7   0.035  1435.1
 15.0   -1.68   -1.68   30.40   24.47   346.8   0.052  1435.2
 20.0   -1.68   -1.68   30.40   24.47   346.6   0.070  1435.2
 25.0   -1.68   -1.68   30.40   24.47   346.4   0.087  1435.3
 30.0   -1.68   -1.68   30.40   24.47   346.5   0.105  1435.4
 35.0   -1.68   -1.68   30.40   24.47   346.5   0.122  1435.5
 40.0   -1.68   -1.68   30.40   24.47   346.2   0.140  1435.6
 45.0   -1.68   -1.68   30.40   24.47   346.2   0.157  1435.7
 50.0   -1.68   -1.68   30.41   24.48   346.0   0.175  1435.7
 55.0   -1.68   -1.68   30.40   24.47   346.1   0.192  1435.8
 60.0   -1.25   -1.25   31.03   24.97   298.9   0.208  1438.8
 65.0   -1.16   -1.16   31.45   25.31   266.4   0.222  1439.9
 70.0   -1.16   -1.16   31.69   25.50   248.2   0.235  1440.3
 80.0   -1.22   -1.22   32.01   25.77   223.2   0.259  1440.7
 90.0   -1.31   -1.31   32.23   25.95   205.9   0.281  1440.7
100.0   -1.37   -1.37   32.38   26.07   194.5   0.301  1440.8
110.0   -1.42   -1.42   32.52   26.18   183.9   0.320  1440.9
120.0   -1.46   -1.46   32.63   26.27   174.9   0.338  1441.1
130.0   -1.49   -1.49   32.73   26.35   167.5   0.355  1441.3
140.0   -1.50   -1.51   32.83   26.43   159.4   0.372  1441.5
150.0   -1.52   -1.52   32.92   26.50   152.7   0.388  1441.7
160.0   -1.53   -1.53   33.01   26.58   145.4   0.403  1442.0
170.0   -1.53   -1.54   33.10   26.65   138.4   0.417  1442.2
180.0   -1.52   -1.52   33.21   26.74   130.3   0.431  1442.6
190.0   -1.47   -1.48   33.34   26.85   120.1   0.443  1443.2
200.0   -1.41   -1.42   33.47   26.95   110.4   0.455  1443.8
210.0   -1.30   -1.30   33.64   27.08    97.9   0.465  1444.8
220.0   -1.15   -1.16   33.84   27.24    82.8   0.475  1445.9
230.0   -0.98   -0.98   34.03   27.39    69.1   0.482  1447.1
240.0   -0.78   -0.78   34.20   27.52    56.5   0.489  1448.5
250.0   -0.63   -0.64   34.31   27.60    49.3   0.494  1449.5
260.0   -0.50   -0.50   34.40   27.66    43.2   0.499  1450.4
270.0   -0.39   -0.40   34.47   27.72    38.3   0.503  1451.1
280.0   -0.25   -0.26   34.53   27.76    34.3   0.506  1452.0
290.0   -0.17   -0.18   34.57   27.79    32.0   0.510  1452.6
300.0   -0.06   -0.07   34.61   27.82    29.2   0.513  1453.4
310.0    0.00   -0.01   34.65   27.84    26.8   0.516  1453.8
320.0    0.06    0.05   34.68   27.86    24.8   0.518  1454.3
330.0    0.10    0.09   34.70   27.88    23.0   0.521  1454.7
340.0    0.17    0.15   34.72   27.89    22.2   0.523  1455.2
350.0    0.20    0.18   34.74   27.90    21.1   0.525  1455.5
370.0    0.27    0.25   34.76   27.92    19.4   0.529  1456.2
390.0    0.31    0.29   34.78   27.94    18.2   0.533  1456.8
410.0    0.35    0.33   34.80   27.95    17.2   0.537  1457.3
430.0    0.39    0.37   34.81   27.95    16.7   0.540  1457.8
450.0    0.41    0.39   34.82   27.96    16.2   0.543  1458.2
470.0    0.43    0.41   34.83   27.97    15.7   0.547  1458.7
490.0    0.44    0.42   34.84   27.97    15.2   0.550  1459.1
510.0    0.44    0.42   34.84   27.97    14.9   0.553  1459.4
530.0    0.43    0.41   34.85   27.98    14.5   0.556  1459.7
550.0    0.42    0.40   34.85   27.98    14.2   0.559  1460.0
570.0    0.41    0.38   34.85   27.99    13.8   0.561  1460.3
590.0    0.38    0.35   34.86   27.99    13.4   0.564  1460.5
610.0    0.36    0.34   34.86   27.99    13.0   0.567  1460.8
630.0    0.34    0.31   34.86   28.00    12.8   0.569  1461.0
650.0    0.31    0.28   34.86   28.00    12.4   0.572  1461.2
670.0    0.29    0.26   34.86   28.00    12.2   0.574  1461.4
690.0    0.26    0.23   34.87   28.00    11.9   0.577  1461.6
710.0    0.23    0.20   34.87   28.01    11.5   0.579  1461.9
730.0    0.21    0.17   34.87   28.01    11.3   0.582  1462.1
733.2    0.20    0.17   34.87   28.01    11.1   0.582  1462.1

                         DEPTH        TEMP.       SALIN

        BOT NUM = 1        8.3                    30.40
        BOT NUM = 2       52.8                    30.39
        BOT NUM = 3      252.3                    34.29
        BOT NUM = 4      522.3                    34.88
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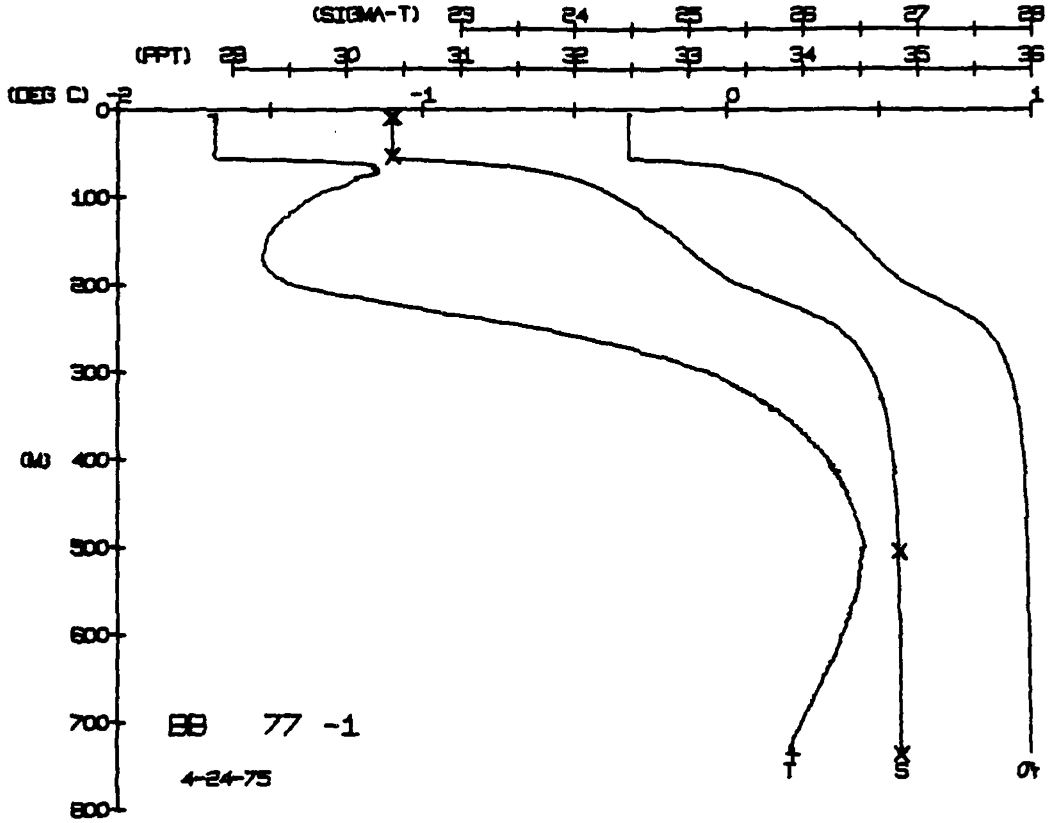
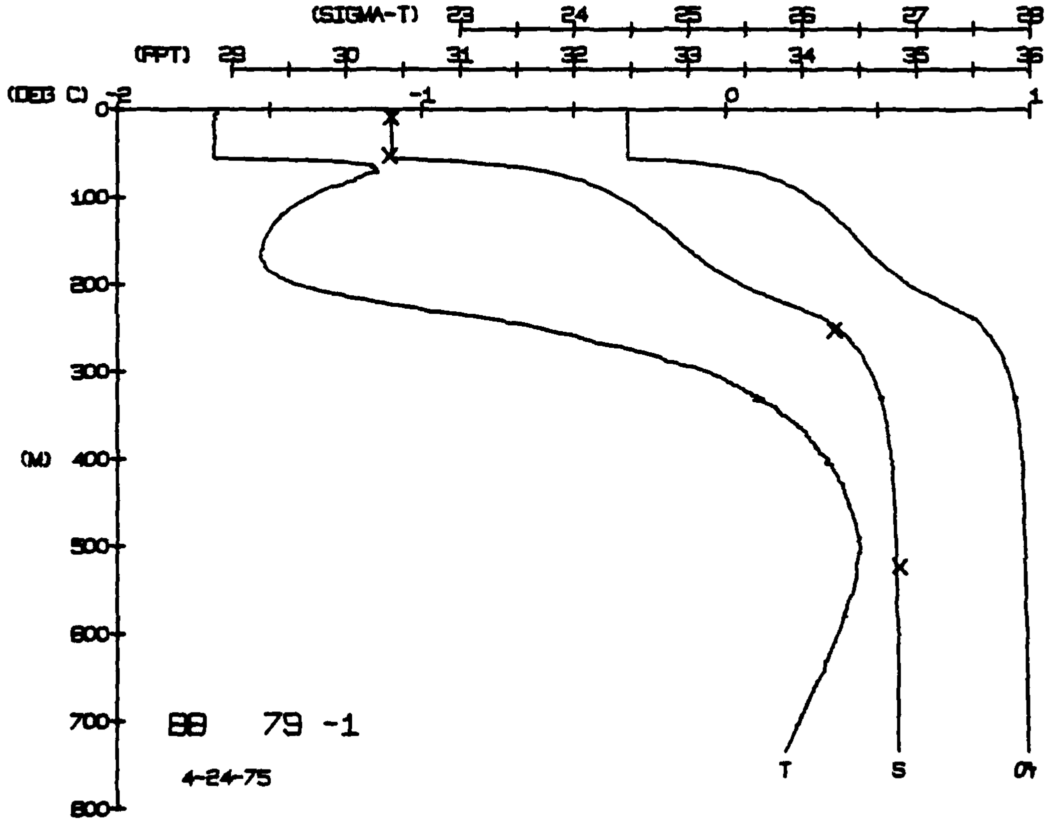


BB 77 -1

4-24-75



BB 79 -1

4-24-75

```
BIG BEAR STATION  81(1) STD  25/APR/1975  357 GMT  CODE = 1
LAT = 76.4330N LNG = 144.4731W LTER =      1. LGER =      1.
AIR TEMP = -20.9 BAROM = 1005.0 WIND = 243.1 SPEED =  27.9

DEPTH    TEMP   PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0   -1.68  -1.68  30.40  24.47  346.8  0.000  1434.9
  5.0   -1.68  -1.68  30.40  24.47  346.7  0.017  1435.0
  9.3   -1.68  -1.68  30.40  24.47  346.7  0.033  1435.1
 10.0   -1.69  -1.69  30.40  24.47  346.6  0.035  1435.1
 15.0   -1.69  -1.69  30.40  24.47  346.6  0.052  1435.1
 20.0   -1.68  -1.68  30.41  24.48  346.4  0.070  1435.2
 25.0   -1.68  -1.68  30.40  24.47  346.5  0.087  1435.3
 30.0   -1.69  -1.69  30.41  24.48  346.1  0.105  1435.4
 35.0   -1.69  -1.69  30.41  24.48  346.2  0.122  1435.5
 40.0   -1.68  -1.69  30.41  24.48  346.0  0.140  1435.6
 45.0   -1.68  -1.68  30.41  24.48  346.1  0.157  1435.7
 50.0   -1.68  -1.68  30.41  24.48  345.8  0.174  1435.7
 55.0   -1.65  -1.65  30.54  24.58  335.6  0.192  1436.2
 60.0   -1.26  -1.26  31.07  25.01  295.3  0.207  1438.9
 65.0   -1.17  -1.17  31.42  25.28  269.2  0.222  1439.8
 70.0   -1.13  -1.14  31.70  25.51  247.6  0.235  1440.5
 80.0   -1.23  -1.23  32.05  25.79  220.7  0.258  1440.7
 90.0   -1.31  -1.32  32.25  25.96  205.1  0.280  1440.7
100.0   -1.37  -1.38  32.38  26.07  194.2  0.300  1440.8
110.0   -1.42  -1.42  32.52  26.18  184.0  0.319  1440.9
120.0   -1.45  -1.46  32.62  26.26  176.0  0.337  1441.1
130.0   -1.49  -1.49  32.73  26.35  167.5  0.354  1441.2
140.0   -1.50  -1.51  32.82  26.43  160.0  0.371  1441.5
150.0   -1.52  -1.52  32.92  26.50  152.6  0.387  1441.7
160.0   -1.52  -1.53  33.01  26.58  145.3  0.402  1442.0
170.0   -1.53  -1.53  33.11  26.66  137.3  0.416  1442.3
180.0   -1.51  -1.52  33.22  26.75  129.2  0.429  1442.7
190.0   -1.48  -1.48  33.34  26.85  119.8  0.442  1443.2
200.0   -1.41  -1.41  33.49  26.97  108.6  0.454  1443.9
210.0   -1.29  -1.29  33.68  27.10   95.9  0.464  1444.8
220.0   -1.13  -1.14  33.86  27.25   81.6  0.473  1446.0
230.0   -0.95  -0.96  34.06  27.41   66.6  0.480  1447.3
240.0   -0.77  -0.78  34.20  27.52   56.9  0.487  1448.5
250.0   -0.61  -0.62  34.31  27.60   49.1  0.492  1449.6
260.0   -0.49  -0.50  34.41  27.67   42.4  0.497  1450.4
270.0   -0.37  -0.38  34.47  27.72   37.8  0.501  1451.2
280.0   -0.24  -0.25  34.53  27.76   34.0  0.504  1452.1
290.0   -0.15  -0.16  34.58  27.80   30.8  0.508  1452.7
300.0   -0.06  -0.08  34.62  27.83   28.2  0.510  1453.3
310.0    0.00  -0.02  34.65  27.85   26.4  0.513  1453.8
320.0    0.06   0.04  34.67  27.86   25.0  0.516  1454.3
330.0    0.08   0.07  34.71  27.89   22.1  0.518  1454.6
340.0    0.16   0.14  34.73  27.90   21.7  0.520  1455.2
350.0    0.19   0.18  34.74  27.91   20.7  0.523  1455.5
370.0    0.26   0.24  34.76  27.92   19.6  0.527  1456.2
390.0    0.32   0.30  34.78  27.93   18.7  0.531  1456.8
410.0    0.35   0.33  34.80  27.94   17.4  0.534  1457.3
430.0    0.39   0.37  34.81  27.95   16.9  0.538  1457.8
450.0    0.41   0.39  34.82  27.96   16.2  0.541  1458.2
470.0    0.43   0.41  34.83  27.96   15.7  0.544  1458.7
490.0    0.44   0.42  34.84  27.97   15.3  0.547  1459.1
510.0    0.44   0.42  34.84  27.97   14.8  0.550  1459.4
530.0    0.44   0.41  34.85  27.98   14.4  0.553  1459.7
550.0    0.43   0.40  34.85  27.98   14.1  0.556  1460.0
570.0    0.40   0.38  34.85  27.99   13.8  0.559  1460.3
590.0    0.39   0.36  34.86  27.99   13.5  0.562  1460.5
610.0    0.36   0.34  34.86  27.99   13.1  0.564  1460.8
630.0    0.34   0.31  34.86  28.00   12.8  0.567  1461.0
650.0    0.30   0.27  34.86  28.00   12.4  0.570  1461.2
670.0    0.28   0.25  34.86  28.00   12.2  0.572  1461.4
690.0    0.26   0.23  34.87  28.00   11.9  0.575  1461.6
710.0    0.23   0.19  34.87  28.01   11.6  0.577  1461.8

                        DEPTH       TEMP.       SALIN

      BOT NUM = 1         7.4      -1.66        30.41
      BOT NUM = 2        52.3                   30.42
      BOT NUM = 3       251.9      -0.65        34.30
      BOT NUM = 4       501.1       0.46        34.85
```

```
BIG BEAR STATION  83(1) STD  25/APR/1975 1724 GMT  CODE = 1
LAT = 76.4299N LNG = 144.4637W LTER =      0. LGER =      0.
AIR TEMP = -28.6 BAROM = 1007.6 WIND = 185.3 SPEED =   9.8

DEPTH    TEMP   PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0   -1.68  -1.68  30.40  24.47  347.0  0.000  1434.9
  3.1   -1.68  -1.68  30.40  24.47  346.9  0.011  1435.0
  5.0   -1.68  -1.68  30.40  24.47  346.9  0.017  1435.0
 10.0   -1.68  -1.68  30.40  24.47  346.6  0.035  1435.1
 15.0   -1.68  -1.68  30.41  24.48  346.3  0.052  1435.2
 20.0   -1.68  -1.68  30.40  24.47  346.5  0.070  1435.3
 25.0   -1.68  -1.68  30.41  24.48  346.3  0.087  1435.3
 30.0   -1.68  -1.68  30.41  24.48  346.2  0.105  1435.4
 35.0   -1.68  -1.68  30.41  24.48  346.2  0.122  1435.5
 40.0   -1.68  -1.68  30.40  24.47  346.2  0.140  1435.6
 45.0   -1.68  -1.68  30.41  24.48  345.9  0.157  1435.7
 50.0   -1.68  -1.68  30.41  24.48  345.6  0.174  1435.7
 55.0   -1.54  -1.54  30.49  24.54  339.6  0.192  1436.6
 60.0   -1.23  -1.23  31.14  25.06  290.5  0.208  1439.1
 65.0   -1.14  -1.14  31.53  25.37  260.9  0.221  1440.1
 70.0   -1.14  -1.15  31.74  25.55  244.2  0.234  1440.5
 80.0   -1.23  -1.23  32.05  25.79  220.7  0.258  1440.7
 90.0   -1.30  -1.31  32.22  25.94  206.8  0.279  1440.7
100.0   -1.37  -1.37  32.38  26.07  194.4  0.299  1440.8
110.0   -1.41  -1.41  32.49  26.16  185.8  0.319  1440.9
120.0   -1.46  -1.46  32.61  26.26  176.2  0.337  1441.1
130.0   -1.49  -1.49  32.72  26.34  168.1  0.354  1441.2
140.0   -1.51  -1.51  32.83  26.43  159.3  0.371  1441.5
150.0   -1.52  -1.52  32.92  26.50  152.5  0.386  1441.7
160.0   -1.52  -1.53  33.01  26.58  145.7  0.401  1442.0
170.0   -1.52  -1.52  33.11  26.66  138.0  0.416  1442.3
180.0   -1.51  -1.51  33.22  26.75  128.9  0.429  1442.7
190.0   -1.47  -1.47  33.35  26.85  119.4  0.442  1443.2
200.0   -1.38  -1.39  33.51  26.98  107.2  0.453  1444.0
210.0   -1.25  -1.26  33.69  27.12   93.7  0.463  1445.0
220.0   -1.12  -1.13  33.87  27.26   80.9  0.472  1446.1
230.0   -0.95  -0.96  34.04  27.40   68.0  0.480  1447.3
240.0   -0.79  -0.79  34.19  27.51   57.9  0.486  1448.4
250.0   -0.61  -0.62  34.31  27.60   49.2  0.491  1449.5
260.0   -0.48  -0.49  34.40  27.66   43.1  0.496  1450.5
270.0   -0.37  -0.38  34.46  27.71   38.7  0.500  1451.2
280.0   -0.24  -0.25  34.52  27.76   34.7  0.504  1452.1
290.0   -0.15  -0.16  34.57  27.79   31.6  0.507  1452.7
300.0   -0.06  -0.07  34.61  27.82   29.1  0.510  1453.4
310.0    0.00  -0.01  34.65  27.84   26.6  0.513  1453.8
320.0    0.05   0.04  34.68  27.86   24.7  0.516  1454.3
330.0    0.11   0.10  34.70  27.88   23.5  0.518  1454.8
340.0    0.16   0.14  34.72  27.89   22.4  0.521  1455.1
350.0    0.20   0.19  34.74  27.90   21.2  0.523  1455.5
370.0    0.27   0.26  34.76  27.92   19.6  0.527  1456.2
390.0    0.32   0.30  34.79  27.94   18.1  0.531  1456.8
410.0    0.35   0.33  34.80  27.94   17.6  0.534  1457.3
430.0    0.39   0.37  34.81  27.95   17.0  0.538  1457.8
450.0    0.41   0.39  34.82  27.96   16.2  0.541  1458.2
470.0    0.43   0.41  34.83  27.96   15.8  0.544  1458.7
490.0    0.44   0.42  34.84  27.97   15.3  0.547  1459.1
510.0    0.44   0.42  34.84  27.97   14.8  0.551  1459.4
530.0    0.44   0.42  34.84  27.98   14.7  0.554  1459.8
550.0    0.43   0.40  34.85  27.98   14.0  0.556  1460.1
570.0    0.41   0.38  34.85  27.98   13.9  0.559  1460.3
590.0    0.39   0.37  34.85  27.99   13.6  0.562  1460.6
610.0    0.37   0.34  34.86  27.99   13.3  0.565  1460.8
630.0    0.34   0.31  34.86  28.00   12.8  0.567  1461.0
650.0    0.31   0.28  34.86  28.00   12.6  0.570  1461.2
670.0    0.28   0.25  34.86  28.00   12.1  0.572  1461.4
690.0    0.25   0.22  34.87  28.00   11.9  0.575  1461.6
710.0    0.23   0.19  34.87  28.01   11.5  0.577  1461.8
730.0    0.20   0.17  34.87  28.01   11.3  0.580  1462.0
730.2    0.20   0.17  34.88  28.02   10.6  0.580  1462.1

                        DEPTH       TEMP.       SALIN

      BOT NUM = 1         8.5      -1.65        30.40
      BOT NUM = 2        52.6                   30.43
      BOT NUM = 3       251.4      -0.66        34.27
      BOT NUM = 4       500.7       0.46        34.85
      BOT NUM = 5       731.1       0.22        34.87
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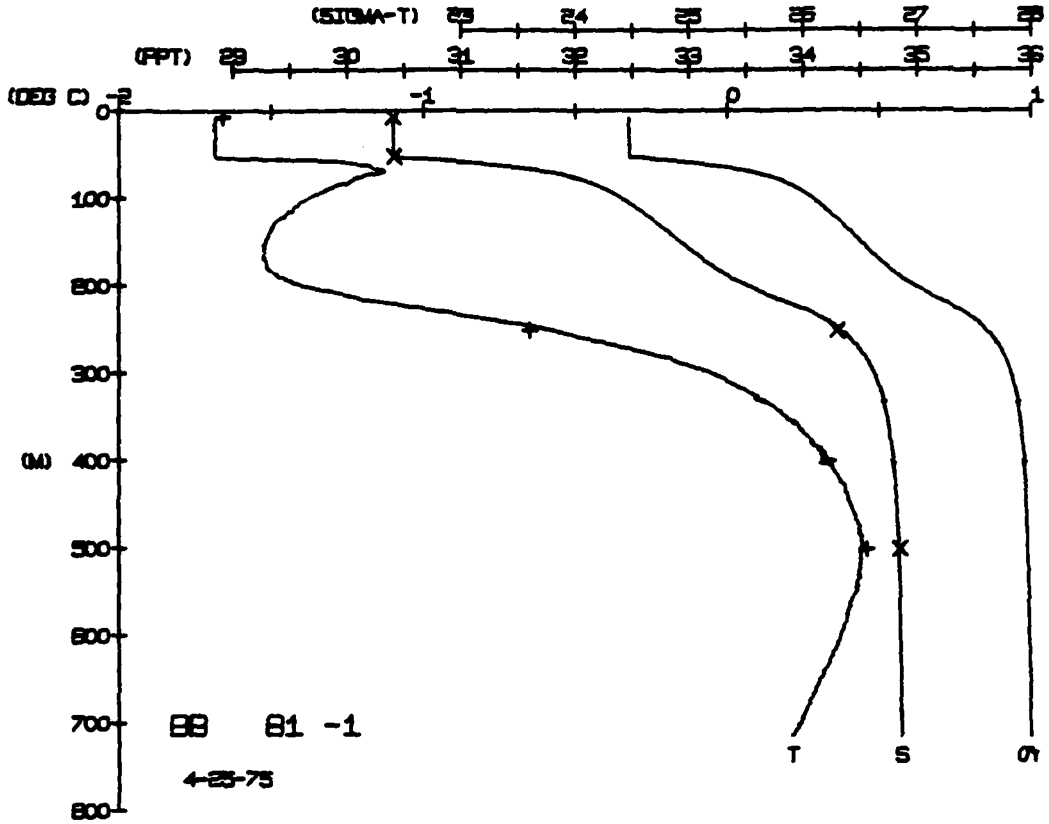
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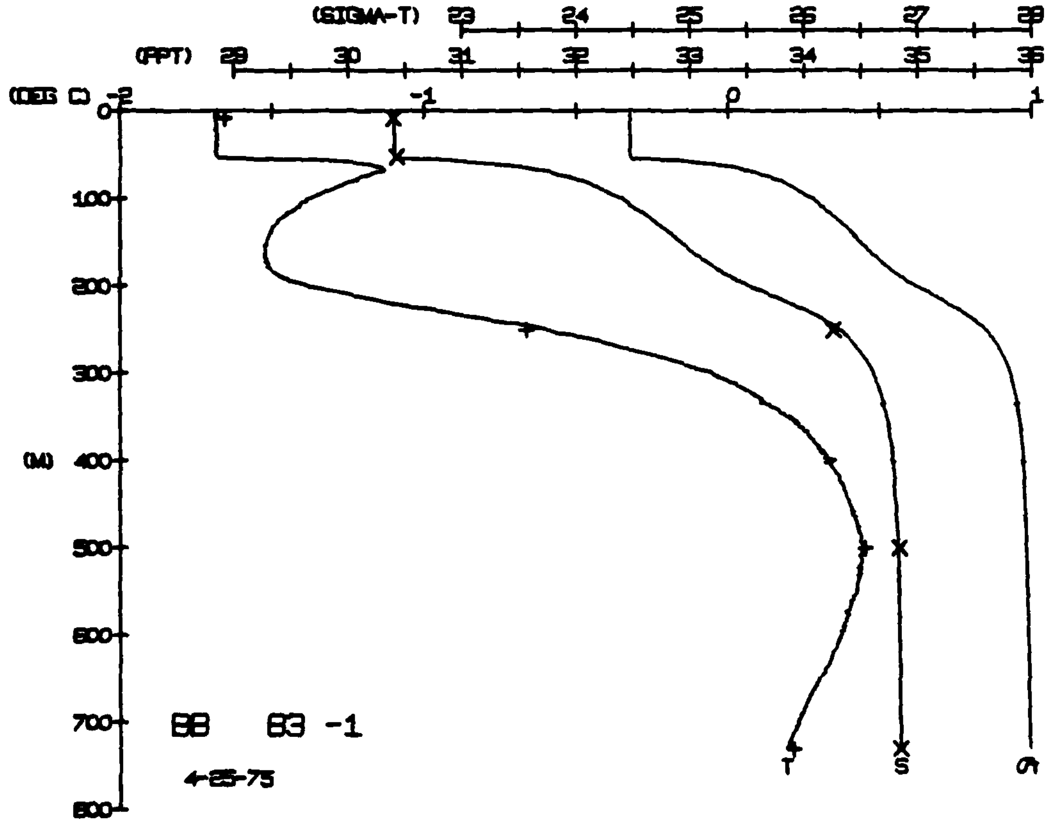
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 81 -1
4-25-75
T
S
σt


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 83 -1
4-25-75
T
S
σt

```
BIG BEAR STATION  84(1) STD  26/APR/1975  425 GMT  CODE = 1
LAT = 76.4396N LNG = 144.4492W LTER =      1. LGER =      2.
AIR TEMP = -20.6 BAROM = 1007.0 WIND = 185.3 SPEED =    9.8

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.68   -1.68   30.41   24.48   346.4   0.000  1434.9
   3.1   -1.68   -1.68   30.41   24.48   346.3   0.011  1435.0
   5.0   -1.68   -1.68   30.41   24.48   346.3   0.017  1435.0
  10.0   -1.68   -1.68   30.41   24.48   346.0   0.035  1435.1
  15.0   -1.68   -1.68   30.41   24.48   345.8   0.052  1435.2
  20.0   -1.68   -1.68   30.41   24.48   345.8   0.070  1435.3
  25.0   -1.68   -1.68   30.41   24.48   346.0   0.087  1435.4
  30.0   -1.68   -1.68   30.42   24.49   345.3   0.105  1435.4
  35.0   -1.68   -1.68   30.42   24.48   345.2   0.122  1435.5
  40.0   -1.68   -1.68   30.42   24.48   345.4   0.139  1435.6
  45.0   -1.68   -1.68   30.42   24.49   345.0   0.157  1435.7
  50.0   -1.68   -1.68   30.42   24.49   344.9   0.174  1435.8
  55.0   -1.68   -1.68   30.43   24.49   344.3   0.191  1435.9
  60.0   -1.24   -1.24   31.08   24.99   296.6   0.208  1438.9
  65.0   -1.15   -1.16   31.43   25.29   268.2   0.222  1439.9
  70.0   -1.16   -1.16   31.71   25.52   246.9   0.235  1440.4
  80.0   -1.23   -1.24   32.02   25.77   222.7   0.258  1440.6
  90.0   -1.31   -1.31   32.22   25.93   207.3   0.280  1440.7
 100.0   -1.37   -1.38   32.39   26.08   193.4   0.300  1440.8
 110.0   -1.44   -1.44   32.52   26.18   183.2   0.319  1440.9
 120.0   -1.46   -1.47   32.62   26.26   175.8   0.337  1441.0
 130.0   -1.49   -1.49   32.73   26.35   167.3   0.355  1441.2
 140.0   -1.50   -1.50   32.82   26.42   160.4   0.371  1441.5
 150.0   -1.52   -1.52   32.91   26.50   153.1   0.387  1441.7
 160.0   -1.52   -1.53   33.00   26.57   146.1   0.402  1442.0
 170.0   -1.51   -1.52   33.11   26.66   137.7   0.416  1442.3
 180.0   -1.50   -1.51   33.21   26.74   129.9   0.430  1442.7
 190.0   -1.47   -1.48   33.33   26.84   120.9   0.443  1443.2
 200.0   -1.41   -1.41   33.47   26.95   110.0   0.454  1443.8
 210.0   -1.28   -1.29   33.68   27.09    96.5   0.465  1444.9
 220.0   -1.14   -1.14   33.85   27.25    82.2   0.474  1446.0
 230.0   -0.96   -0.97   34.02   27.38    69.5   0.481  1447.2
 240.0   -0.78   -0.79   34.18   27.50    58.3   0.488  1448.4
 250.0   -0.60   -0.61   34.31   27.60    49.3   0.493  1449.6
 260.0   -0.48   -0.49   34.41   27.67    42.2   0.498  1450.5
 270.0   -0.35   -0.36   34.48   27.73    37.4   0.502  1451.3
 280.0   -0.24   -0.25   34.54   27.77    33.5   0.506  1452.1
 290.0   -0.14   -0.15   34.58   27.80    30.8   0.509  1452.8
 300.0   -0.05   -0.07   34.62   27.82    28.4   0.512  1453.4
 310.0    0.01    0.00   34.65   27.85    26.4   0.515  1453.9
 320.0    0.06    0.05   34.68   27.86    24.7   0.517  1454.3
 330.0    0.11    0.10   34.70   27.88    23.3   0.520  1454.7
 340.0    0.17    0.15   34.72   27.89    22.2   0.522  1455.2
 350.0    0.20    0.19   34.74   27.91    20.7   0.524  1455.5
 370.0    0.27    0.25   34.77   27.92    19.4   0.528  1456.2
 390.0    0.32    0.30   34.79   27.94    18.0   0.532  1456.8
 410.0    0.36    0.34   34.80   27.95    17.1   0.535  1457.3
 430.0    0.39    0.37   34.81   27.95    16.6   0.539  1457.8
 450.0    0.42    0.40   34.83   27.96    15.9   0.542  1458.3
 470.0    0.44    0.42   34.83   27.97    15.5   0.545  1458.7
 490.0    0.45    0.43   34.84   27.97    15.1   0.548  1459.1
 510.0    0.44    0.42   34.84   27.98    14.8   0.551  1459.4
 530.0    0.44    0.41   34.85   27.98    14.4   0.554  1459.8
 550.0    0.43    0.41   34.85   27.98    14.1   0.557  1460.1
 570.0    0.41    0.38   34.85   27.99    13.8   0.560  1460.3
 590.0    0.39    0.36   34.86   27.99    13.4   0.563  1460.6
 610.0    0.37    0.34   34.86   27.99    13.0   0.565  1460.8
 630.0    0.35    0.32   34.86   28.00    12.7   0.568  1461.0
 650.0    0.32    0.29   34.86   28.00    12.5   0.571  1461.2
 670.0    0.29    0.26   34.87   28.00    12.0   0.573  1461.5
 690.0    0.26    0.23   34.87   28.01    11.8   0.575  1461.6
 710.0    0.24    0.21   34.87   28.01    11.5   0.578  1461.9

                      DEPTH      TEMP.      SALIN

    BOT NUM = 1         0.8      -1.67      30.41
    BOT NUM = 2       253.0      -0.64      34.29
    BOT NUM = 3       503.3       0.45      34.85
    BOT NUM = 4       731.4       0.23      34.87
```

```
BIG BEAR STATION  86(1) STD  26/APR/1975 1845 GMT  CODE = 1
LAT = 76.4442N LNG = 144.4480W LTER =      1. LGER =      1.
AIR TEMP =        BAROM = 1005.4 WIND =           SPEED =

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.68   -1.68   30.41   24.48   346.0   0.000  1434.9
   4.8   -1.68   -1.68   30.41   24.48   345.9   0.017  1435.0
   5.0   -1.68   -1.68   30.41   24.48   346.1   0.017  1435.0
  10.0   -1.69   -1.69   30.41   24.48   345.8   0.035  1435.1
  15.0   -1.68   -1.68   30.41   24.48   345.9   0.052  1435.2
  20.0   -1.68   -1.68   30.41   24.48   345.9   0.070  1435.3
  25.0   -1.68   -1.68   30.42   24.48   345.6   0.087  1435.3
  30.0   -1.68   -1.68   30.41   24.48   345.6   0.104  1435.4
  35.0   -1.68   -1.68   30.42   24.48   345.5   0.122  1435.5
  40.0   -1.68   -1.68   30.42   24.48   345.4   0.139  1435.6
  45.0   -1.68   -1.68   30.42   24.48   345.4   0.157  1435.7
  50.0   -1.68   -1.68   30.42   24.48   345.2   0.174  1435.8
  55.0   -1.67   -1.67   30.44   24.50   343.4   0.191  1435.9
  60.0   -1.24   -1.24   31.11   25.03   292.9   0.207  1439.0
  65.0   -1.16   -1.16   31.43   25.29   268.2   0.222  1439.9
  70.0   -1.14   -1.14   31.72   25.57   246.3   0.235  1440.5
  80.0   -1.24   -1.24   32.03   25.78   221.5   0.258  1440.6
  90.0   -1.31   -1.31   32.23   25.94   206.3   0.280  1440.7
 100.0   -1.37   -1.37   32.38   26.06   194.8   0.300  1440.8
 110.0   -1.42   -1.43   32.50   26.16   185.3   0.319  1440.9
 120.0   -1.46   -1.47   32.62   26.26   175.9   0.337  1441.0
 130.0   -1.49   -1.49   32.72   26.34   168.3   0.355  1441.2
 140.0   -1.50   -1.50   32.82   26.42   160.5   0.371  1441.5
 150.0   -1.52   -1.52   32.91   26.50   152.9   0.387  1441.7
 160.0   -1.52   -1.52   33.01   26.58   145.3   0.402  1442.0
 170.0   -1.52   -1.53   33.11   26.66   137.3   0.416  1442.3
 180.0   -1.50   -1.51   33.21   26.74   130.0   0.430  1442.7
 190.0   -1.47   -1.48   33.32   26.83   121.5   0.443  1443.1
 200.0   -1.40   -1.40   33.49   26.96   109.1   0.454  1443.9
 210.0   -1.28   -1.29   33.65   27.09    97.0   0.465  1444.8
 220.0   -1.13   -1.14   33.85   27.25    82.1   0.474  1446.0
 230.0   -0.96   -0.96   34.04   27.39    68.5   0.481  1447.2
 240.0   -0.79   -0.79   34.19   27.51    57.6   0.488  1448.4
 250.0   -0.62   -0.63   34.30   27.59    50.0   0.493  1449.5
 260.0   -0.50   -0.51   34.39   27.66    43.3   0.498  1450.4
 270.0   -0.38   -0.39   34.47   27.72    38.2   0.502  1451.2
 280.0   -0.25   -0.26   34.52   27.76    34.7   0.506  1452.0
 290.0   -0.14   -0.15   34.58   27.80    31.1   0.509  1452.8
 300.0   -0.05   -0.06   34.62   27.83    28.2   0.512  1453.4
 310.0    0.00   -0.01   34.66   27.85    26.1   0.515  1453.9
 320.0    0.06    0.05   34.68   27.87    24.3   0.517  1454.3
 330.0    0.13    0.11   34.70   27.88    23.3   0.520  1454.8
 340.0    0.17    0.15   34.73   27.90    21.5   0.522  1455.2
 350.0    0.20    0.19   34.74   27.91    20.7   0.524  1455.6
 370.0    0.26    0.25   34.77   27.93    19.0   0.528  1456.2
 390.0    0.32    0.30   34.79   27.94    17.9   0.532  1456.8
 410.0    0.35    0.34   34.80   27.94    17.6   0.535  1457.3
 430.0    0.39    0.37   34.81   27.96    16.5   0.539  1457.8
 450.0    0.41    0.39   34.82   27.96    15.9   0.542  1458.3
 470.0    0.43    0.41   34.83   27.97    15.4   0.545  1458.7
 490.0    0.44    0.42   34.84   27.98    14.8   0.548  1459.1
 510.0    0.44    0.42   34.85   27.98    14.4   0.551  1459.5
 530.0    0.44    0.42   34.85   27.98    14.2   0.554  1459.8
 550.0    0.43    0.40   34.86   27.99    13.7   0.557  1460.1
 570.0    0.41    0.38   34.86   27.99    13.6   0.560  1460.3
 590.0    0.39    0.36   34.86   27.99    13.2   0.562  1460.5
 610.0    0.37    0.34   34.86   28.00    12.7   0.565  1460.8
 630.0    0.35    0.32   34.87   28.00    12.4   0.567  1461.0
 650.0    0.32    0.29   34.87   28.00    12.1   0.570  1461.3
 670.0    0.29    0.26   34.87   28.01    11.8   0.572  1461.5
 690.0    0.26    0.23   34.87   28.01    11.4   0.575  1461.7
 710.0    0.24    0.21   34.87   28.01    11.2   0.577  1461.9
 729.9    0.21    0.18   34.87   28.01    11.0   0.579  1462.1

                      DEPTH      TEMP.      SALIN

    BOT NUM = 1         8.7                 30.42
    BOT NUM = 2        53.7                 30.44
    BOT NUM = 3       253.2      -0.69
    BOT NUM = 4       502.2                 34.85
    BOT NUM = 5       733.6                 34.86
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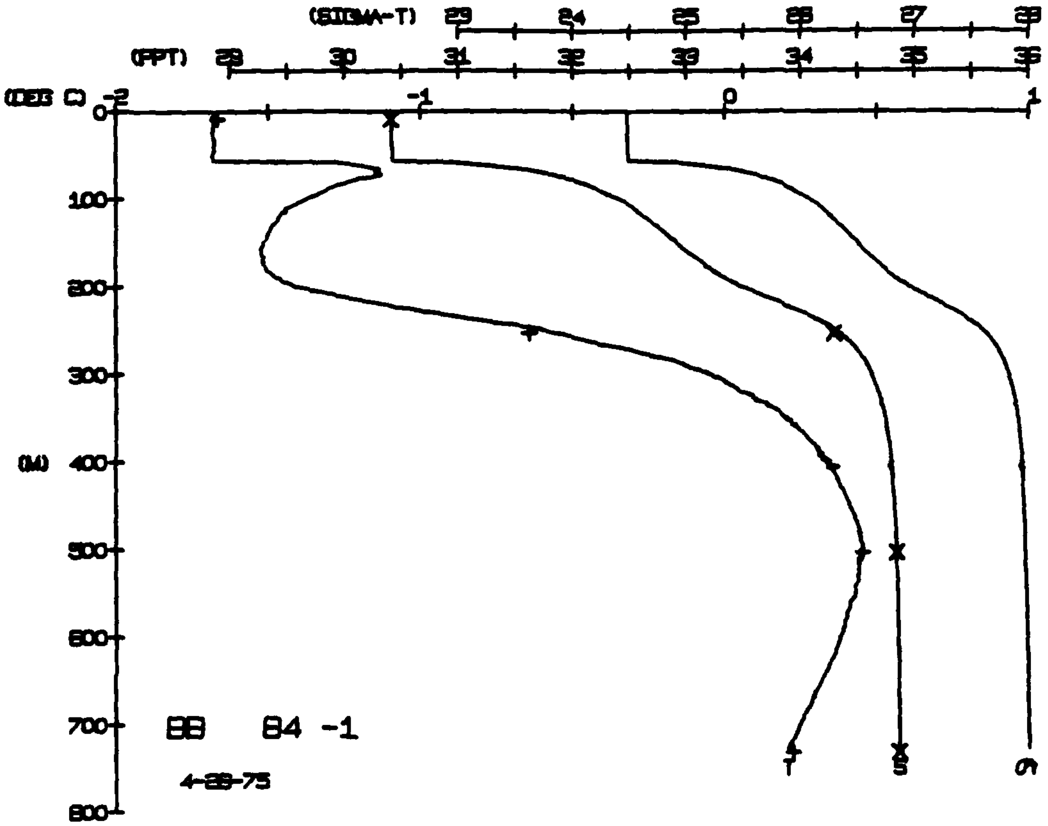

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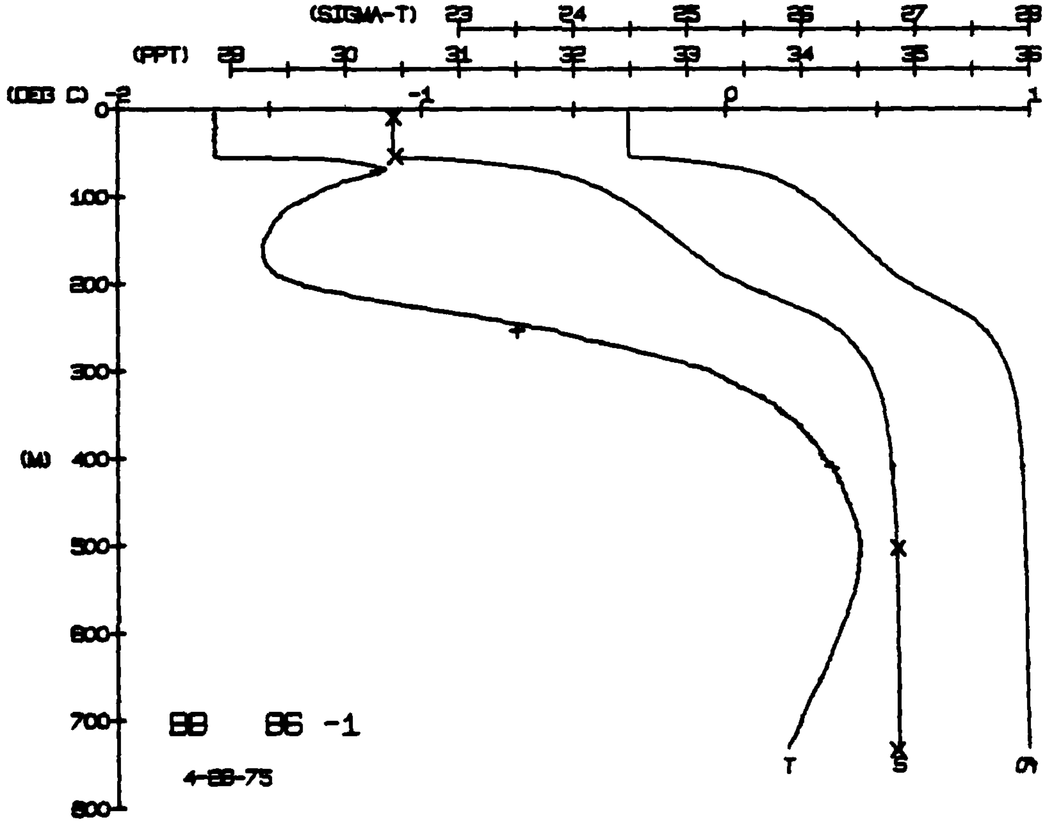

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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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100
200
300
(M) 400
500
600
700
800
BB 86 -1
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T
S
σt

```
BIG BEAR STATION  89(1) STD  27/APR/1975 1757 GMT  CODE = 2
LAT = 76.4305N LNG = 144.3900W LTER =       1. LGER =       2.
AIR TEMP =          BARUM = 1005.8 WIND =          SPEED =

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.63   -1.63   30.42   24.49   345.4   0.000  1435.2
   4.0   -1.63   -1.63   30.42   24.49   345.3   0.017  1435.3
   5.0   -1.63   -1.63   30.42   24.49   345.3   0.017  1435.3
  10.0   -1.63   -1.63   30.43   24.49   345.0   0.035  1435.4
  15.0   -1.63   -1.63   30.43   24.49   344.7   0.052  1435.5
  20.0   -1.63   -1.63   30.43   24.50   344.5   0.069  1435.5
  25.0   -1.63   -1.63   30.43   24.50   344.3   0.087  1435.6
  30.0   -1.63   -1.63   30.44   24.50   344.1   0.104  1435.7
  35.0   -1.63   -1.63   30.44   24.50   343.9   0.121  1435.8
  40.0   -1.63   -1.63   30.44   24.50   343.6   0.139  1435.9
  45.0   -1.63   -1.63   30.44   24.50   343.4   0.156  1436.0
  50.0   -1.63   -1.63   30.44   24.50   343.3   0.173  1436.0
  55.0   -1.63   -1.63   30.44   24.51   343.2   0.191  1436.1
  60.0   -1.18   -1.18   31.19   25.10   286.9   0.207  1439.4
  65.0   -1.10   -1.10   31.59   25.42   256.1   0.220  1440.4
  70.0   -1.09   -1.09   31.83   25.61   237.9   0.233  1440.9
  80.0   -1.20   -1.20   32.07   25.81   219.2   0.256  1440.8
  90.0   -1.26   -1.26   32.25   25.95   205.2   0.277  1441.0
 100.0   -1.33   -1.33   32.42   26.10   191.8   0.297  1441.1
 110.0   -1.37   -1.37   32.54   26.20   182.0   0.316  1441.2
 120.0   -1.41   -1.41   32.65   26.28   173.7   0.334  1441.3
 130.0   -1.44   -1.44   32.76   26.37   165.3   0.351  1441.5
 140.0   -1.46   -1.46   32.85   26.45   157.9   0.367  1441.7
 150.0   -1.47   -1.47   32.96   26.53   149.7   0.383  1442.0
 160.0   -1.47   -1.48   33.04   26.61   142.9   0.398  1442.2
 170.0   -1.47   -1.48   33.14   26.68   135.6   0.412  1442.5
 180.0   -1.46   -1.46   33.26   26.78   126.7   0.425  1443.0
 190.0   -1.42   -1.43   33.37   26.87   117.6   0.437  1443.5
 200.0   -1.36   -1.37   33.50   26.97   107.8   0.449  1444.1
 210.0   -1.27   -1.28   33.64   27.08    97.8   0.459  1444.9
 220.0   -1.13   -1.13   33.88   27.26    81.3   0.468  1446.0
 230.0   -0.96   -0.97   34.05   27.40    67.5   0.476  1447.2
 240.0   -0.75   -0.76   34.22   27.53    55.8   0.482  1448.6
 250.0   -0.60   -0.61   34.33   27.62    47.5   0.487  1449.6
 260.0   -0.47   -0.48   34.41   27.68    42.1   0.491  1450.5
 270.0   -0.34   -0.35   34.49   27.73    37.0   0.495  1451.4
 280.0   -0.22   -0.23   34.56   27.78    32.5   0.499  1452.2
 290.0   -0.13   -0.14   34.60   27.81    29.6   0.502  1452.9
 300.0   -0.03   -0.04   34.64   27.84    27.2   0.505  1453.5
 310.0    0.04    0.03   34.67   27.86    24.9   0.508  1454.1
 320.0    0.10    0.09   34.70   27.88    23.2   0.510  1454.5
 330.0    0.15    0.13   34.72   27.90    21.7   0.512  1455.0
 340.0    0.19    0.18   34.74   27.91    20.6   0.514  1455.3
 350.0    0.23    0.22   34.76   27.92    19.8   0.517  1455.7
 370.0    0.29    0.27   34.78   27.94    18.3   0.520  1456.3
 390.0    0.35    0.33   34.80   27.95    17.1   0.524  1457.0
 410.0    0.39    0.37   34.82   27.96    15.9   0.527  1457.5
 430.0    0.42    0.40   34.83   27.97    15.2   0.530  1458.0
 450.0    0.45    0.43   34.84   27.97    14.9   0.533  1458.5
 470.0    0.47    0.45   34.85   27.98    14.1   0.536  1458.9
 490.0    0.48    0.46   34.86   27.99    13.7   0.539  1459.3
 510.0    0.50    0.47   34.87   27.99    13.4   0.542  1459.7
 530.0    0.49    0.47   34.87   27.99    13.1   0.545  1460.0
 550.0    0.49    0.46   34.88   28.00    12.7   0.547  1460.3
 570.0    0.46    0.44   34.88   28.00    12.4   0.550  1460.6
 590.0    0.44    0.42   34.88   28.00    12.1   0.552  1460.8
 610.0    0.42    0.39   34.88   28.01    11.7   0.555  1461.1
 630.0    0.40    0.37   34.88   28.01    11.4   0.557  1461.3
 650.0    0.37    0.34   34.89   28.02    11.1   0.559  1461.5
 670.0    0.34    0.31   34.89   28.02    10.7   0.561  1461.7
 690.0    0.32    0.28   34.89   28.02    10.5   0.564  1461.9
 710.0    0.29    0.25   34.89   28.02    10.1   0.566  1462.1
 730.0    0.26    0.23   34.89   28.02    10.0   0.568  1462.3
 732.7    0.25    0.22   34.89   28.03     9.9   0.568  1462.3

                           DEPTH       TEMP.       SALIN

      BOT NUM = 1            3.2       -1.66       30.42
      BOT NUM = 2          249.1       -0.66       34.20
      BOT NUM = 3          502.4        0.46       34.84
      BOT NUM = 4          732.0        0.22       34.86
```

```
BIG BEAR STATION  91(1) STD  28/APR/1975  556 GMT  CODE = 2
LAT = 76.4205N LNG = 144.3529W LTER =       1. LGER =       2.
AIR TEMP = -18.1 BARUM = 1010.2 WIND = 217.8 SPEED =  25.8

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.68   -1.68   30.42   24.49   345.6   0.000  1435.0
  5.0   -1.68   -1.68   30.42   24.49   345.5   0.017  1435.0
 10.0   -1.68   -1.68   30.42   24.49   345.5   0.035  1435.1
 10.0   -1.68   -1.68   30.42   24.49   345.5   0.035  1435.1
 15.0   -1.68   -1.68   30.42   24.49   345.4   0.052  1435.2
 20.0   -1.67   -1.67   30.42   24.49   345.3   0.070  1435.3
 25.0   -1.67   -1.67   30.42   24.49   345.2   0.087  1435.4
 30.0   -1.67   -1.67   30.42   24.49   345.1   0.104  1435.5
 35.0   -1.67   -1.67   30.42   24.49   345.0   0.122  1435.6
 40.0   -1.67   -1.68   30.42   24.49   344.8   0.139  1435.6
 45.0   -1.68   -1.68   30.42   24.49   344.7   0.156  1435.7
 50.0   -1.67   -1.67   30.43   24.49   344.6   0.174  1435.8
 55.0   -1.35   -1.35   30.60   24.62   331.9   0.191  1437.7
 60.0   -1.17   -1.17   31.39   25.26   271.4   0.206  1439.7
 65.0   -1.15   -1.15   31.71   25.52   246.8   0.219  1440.3
 70.0   -1.19   -1.19   31.88   25.66   233.6   0.231  1440.5
 80.0   -1.24   -1.24   32.08   25.82   218.0   0.254  1440.7
 90.0   -1.32   -1.32   32.27   25.98   203.0   0.275  1440.7
100.0   -1.39   -1.39   32.41   26.09   192.1   0.295  1440.8
110.0   -1.44   -1.44   32.54   26.20   181.7   0.314  1440.9
120.0   -1.47   -1.47   32.64   26.28   174.4   0.332  1441.0
130.0   -1.49   -1.49   32.74   26.36   166.7   0.349  1441.2
140.0   -1.51   -1.51   32.84   26.44   158.9   0.366  1441.5
150.0   -1.52   -1.53   32.94   26.52   150.7   0.381  1441.7
160.0   -1.53   -1.53   33.05   26.61   142.4   0.396  1442.0
170.0   -1.52   -1.52   33.14   26.69   135.3   0.410  1442.3
180.0   -1.50   -1.50   33.25   26.77   126.9   0.423  1442.8
190.0   -1.46   -1.47   33.37   26.87   118.1   0.436  1443.3
200.0   -1.40   -1.40   33.50   26.97   108.0   0.447  1443.9
210.0   -1.28   -1.29   33.67   27.11    95.0   0.457  1444.9
220.0   -1.12   -1.13   33.86   27.26    81.4   0.466  1446.0
230.0   -0.96   -0.97   34.06   27.41    66.9   0.474  1447.2
240.0   -0.77   -0.77   34.23   27.54    55.0   0.480  1448.6
250.0   -0.61   -0.62   34.33   27.61    47.9   0.485  1449.6
260.0   -0.49   -0.50   34.41   27.68    42.0   0.490  1450.4
270.0   -0.37   -0.38   34.48   27.73    37.2   0.494  1451.3
280.0   -0.25   -0.26   34.54   27.77    33.4   0.497  1452.1
290.0   -0.15   -0.16   34.59   27.80    30.5   0.500  1452.7
300.0   -0.07   -0.08   34.62   27.83    28.2   0.503  1453.3
310.0   -0.01   -0.02   34.66   27.85    26.0   0.506  1453.8
320.0    0.05    0.03   34.68   27.87    24.2   0.509  1454.3
330.0    0.10    0.09   34.71   27.88    22.8   0.511  1454.7
340.0    0.15    0.14   34.73   27.90    21.7   0.513  1455.1
350.0    0.19    0.18   34.74   27.91    20.5   0.515  1455.5
370.0    0.26    0.24   34.77   27.93    19.0   0.519  1456.2
390.0    0.31    0.30   34.79   27.94    17.8   0.523  1456.8
410.0    0.36    0.34   34.81   27.95    16.7   0.526  1457.3
430.0    0.39    0.37   34.82   27.96    16.0   0.530  1457.8
450.0    0.41    0.39   34.83   27.97    15.4   0.533  1458.3
470.0    0.43    0.41   34.84   27.97    14.9   0.536  1458.7
490.0    0.45    0.42   34.85   27.98    14.4   0.539  1459.1
510.0    0.45    0.42   34.85   27.98    14.1   0.542  1459.5
530.0    0.45    0.42   34.86   27.99    13.7   0.545  1459.8
550.0    0.43    0.41   34.86   27.99    13.2   0.547  1460.1
570.0    0.41    0.39   34.87   27.99    13.0   0.550  1460.3
590.0    0.39    0.36   34.87   28.00    12.8   0.553  1460.6
610.0    0.37    0.34   34.87   28.00    12.6   0.555  1460.8
630.0    0.35    0.32   34.87   28.00    12.0   0.558  1461.0
650.0    0.31    0.28   34.87   28.01    11.6   0.560  1461.2
670.0    0.29    0.26   34.88   28.01    11.4   0.562  1461.5
690.0    0.26    0.23   34.88   28.01    11.1   0.565  1461.7
710.0    0.23    0.20   34.88   28.02    10.8   0.567  1461.9

                          DEPTH       TEMP.       SALIN

      BOT NUM = 1           5.7                   30.40
      BOT NUM = 2         249.5       -0.63       34.20
      BOT NUM = 3         499.2        0.46       34.84
      BOT NUM = 4         731.6        0.22       34.86
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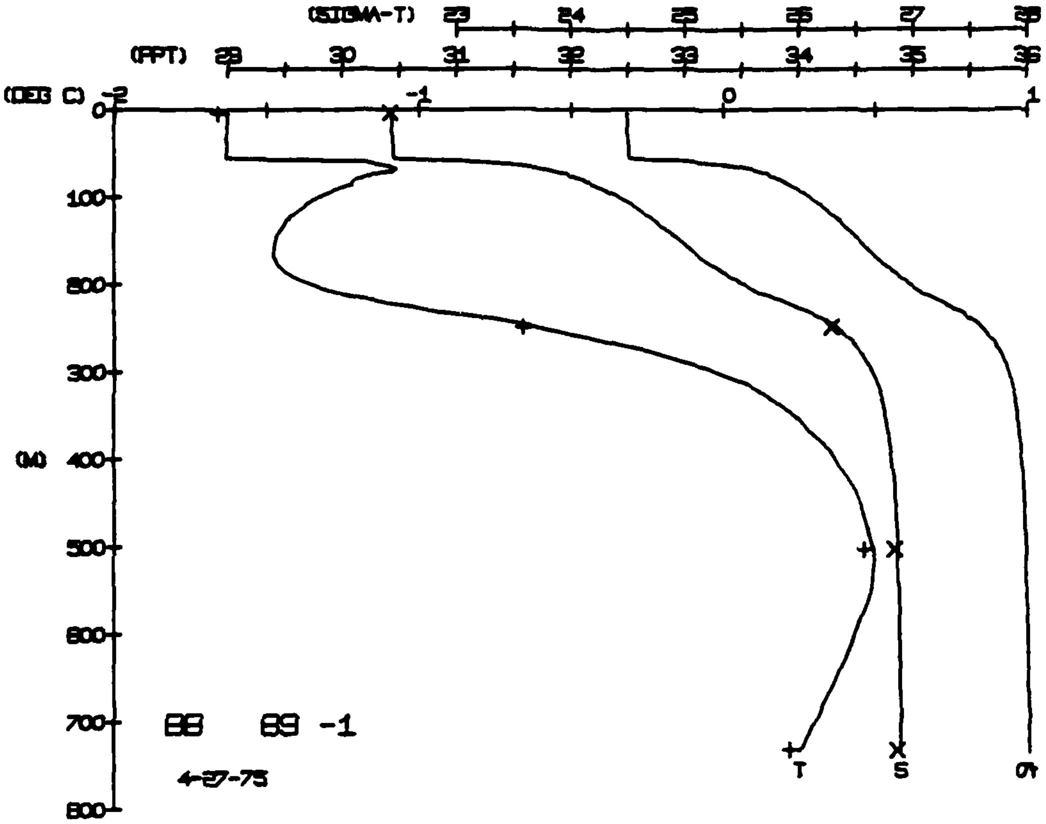
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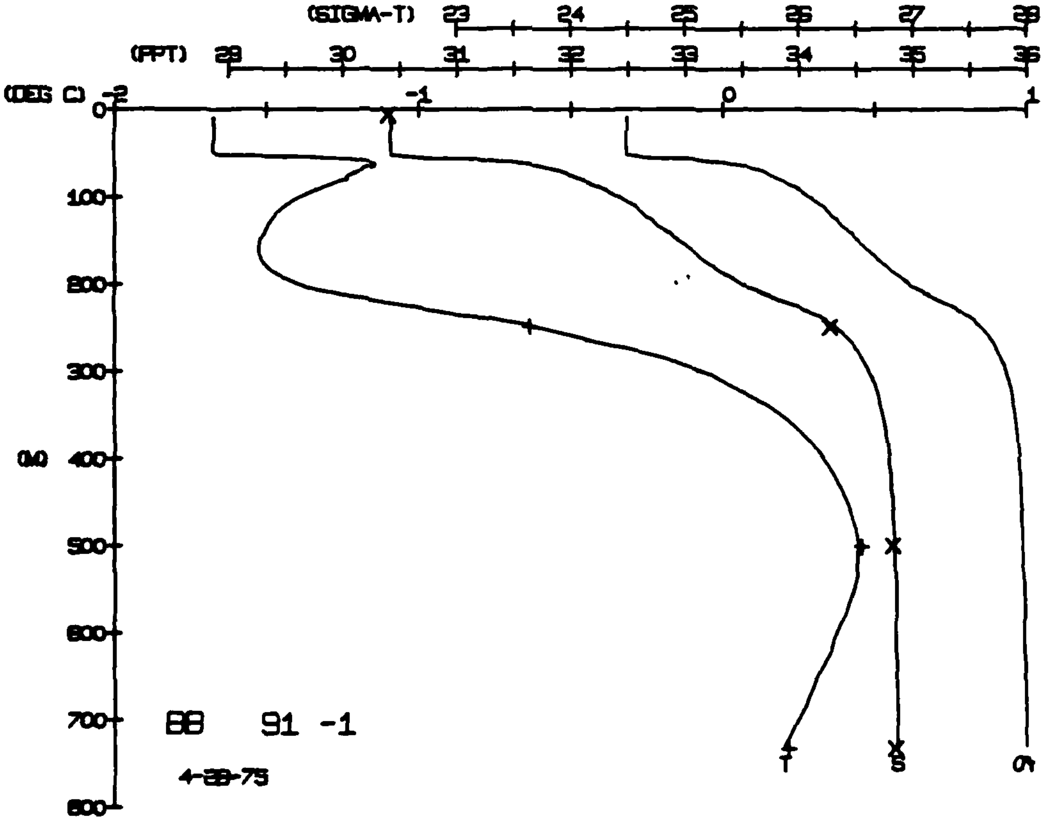
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(M) 400
500
600
700
800
BB 91 -1
4-28-75
T
S
σt

```
BIG BEAR STATION  93(1) STD  28/APR/1975 1752 GMT  CODE = 2
LAT = 76.4190N LNG = 144.3404W LTER =      0. LGER =      0.
AIR TEMP = -18.1 BARUM = 1014.2 WIND = 217.8 SPEED =  25.8

 DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.68  -1.68  30.41  24.48  346.5  0.000  1435.0
   5.0  -1.68  -1.68  30.41  24.48  346.4  0.017  1435.0
  10.0  -1.68  -1.68  30.41  24.48  346.3  0.035  1435.1
  13.4  -1.68  -1.68  30.41  24.48  346.3  0.047  1435.2
  15.0  -1.67  -1.68  30.41  24.48  346.2  0.052  1435.2
  20.0  -1.67  -1.67  30.41  24.48  346.1  0.070  1435.3
  25.0  -1.67  -1.67  30.41  24.48  346.0  0.087  1435.4
  30.0  -1.67  -1.67  30.41  24.48  345.8  0.105  1435.5
  35.0  -1.67  -1.67  30.42  24.48  345.5  0.122  1435.6
  40.0  -1.67  -1.67  30.43  24.49  345.0  0.139  1435.6
  45.0  -1.67  -1.67  30.43  24.50  344.2  0.157  1435.8
  50.0  -1.67  -1.67  30.68  24.70  324.6  0.174  1436.2
  55.0  -1.18  -1.18  31.32  25.20  276.8  0.189  1439.5
  60.0  -1.13  -1.13  31.69  25.50  248.5  0.202  1440.3
  65.0  -1.19  -1.19  31.85  25.64  235.7  0.214  1440.3
  70.0  -1.22  -1.22  31.99  25.74  225.4  0.226  1440.5
  80.0  -1.28  -1.29  32.22  25.93  207.4  0.248  1440.7
  90.0  -1.35  -1.35  32.37  26.05  195.7  0.268  1440.7
 100.0  -1.41  -1.41  32.50  26.16  185.4  0.287  1440.8
 110.0  -1.45  -1.45  32.69  26.25  177.0  0.305  1440.9
 120.0  -1.48  -1.48  32.72  26.34  168.2  0.323  1441.1
 130.0  -1.49  -1.50  32.81  26.42  160.8  0.339  1441.3
 140.0  -1.51  -1.51  32.92  26.50  152.8  0.355  1441.6
 150.0  -1.52  -1.53  33.08  26.57  146.0  0.370  1441.8
 160.0  -1.52  -1.53  33.13  26.67  137.1  0.385  1442.1
 170.0  -1.51  -1.52  33.24  26.76  128.6  0.398  1442.5
 180.0  -1.48  -1.49  33.34  26.84  120.2  0.411  1443.0
 190.0  -1.42  -1.42  33.51  26.98  107.1  0.422  1443.7
 200.0  -1.31  -1.31  33.68  27.11   94.9  0.432  1444.6
 210.0  -1.17  -1.17  33.85  27.25   81.7  0.441  1445.7
 220.0  -1.00  -1.00  34.02  27.38   69.3  0.449  1446.9
 230.0  -0.81  -0.82  34.21  27.52   56.3  0.455  1448.1
 240.0  -0.63  -0.64  34.33  27.61   47.9  0.460  1449.3
 250.0  -0.47  -0.48  34.41  27.68   41.9  0.465  1450.4
 260.0  -0.38  -0.39  34.49  27.74   36.5  0.469  1451.0
 270.0  -0.26  -0.27  34.55  27.78   32.7  0.472  1451.9
 280.0  -0.16  -0.17  34.60  27.81   29.7  0.476  1452.5
 290.0  -0.06  -0.07  34.64  27.84   26.9  0.478  1453.2
 300.0   0.00  -0.01  34.67  27.86   24.8  0.481  1453.7
 310.0   0.06   0.05  34.70  27.88   23.2  0.483  1454.2
 320.0   0.11   0.09  34.72  27.89   22.0  0.486  1454.6
 330.0   0.16   0.14  34.73  27.90   21.0  0.488  1455.0
 340.0   0.19   0.18  34.75  27.91   20.1  0.490  1455.4
 350.0   0.23   0.22  34.76  27.92   19.3  0.492  1455.7
 370.0   0.29   0.27  34.79  27.94   17.6  0.496  1456.3
 390.0   0.33   0.32  34.81  27.95   16.6  0.499  1456.9
 410.0   0.37   0.35  34.82  27.96   15.8  0.502  1457.4
 430.0   0.40   0.38  34.83  27.97   15.3  0.506  1457.9
 450.0   0.42   0.40  34.84  27.97   14.8  0.509  1458.3
 470.0   0.44   0.42  34.85  27.98   14.5  0.512  1458.8
 490.0   0.44   0.42  34.85  27.98   14.1  0.514  1459.1
 510.0   0.44   0.42  34.86  27.99   13.5  0.517  1459.5
 530.0   0.45   0.42  34.86  27.99   13.2  0.520  1459.8
 550.0   0.44   0.42  34.86  27.99   13.2  0.523  1460.1
 570.0   0.42   0.39  34.86  27.99   13.0  0.525  1460.4
 590.0   0.40   0.37  34.87  28.00   12.8  0.528  1460.6
 610.0   0.38   0.35  34.87  28.00   12.4  0.530  1460.8
 630.0   0.36   0.33  34.87  28.00   12.0  0.533  1461.1
 650.0   0.33   0.30  34.87  28.01   11.8  0.535  1461.3
 670.0   0.29   0.26  34.88  28.01   11.4  0.538  1461.5
 690.0   0.27   0.24  34.88  28.01   11.1  0.540  1461.7
 710.0   0.24   0.21  34.88  28.02   10.7  0.542  1461.9
 729.1   0.21   0.18  34.88  28.02   10.6  0.544  1462.1

                      DEPTH      TEMP.       SALIN

      BUT NUM = 1       5.1      -1.68       30.42
      BUT NUM = 2     251.9      -0.62       34.34
      BUT NUM = 3     503.1       0.46       34.87
      BUT NUM = 4     729.1       0.22
```

```
BIG BEAR STATION  95(1) STD  29/APR/1975  520 GMT  CODE = 2
LAT = 76.4200N LNG = 144.3015W LTER =      1. LGER =      2.
AIR TEMP = -19.5 BARUM = 1016.7 WIND = 208.8 SPEED =  25.4

 DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.64  -1.64  30.43  24.49  345.0  0.000  1435.2
   3.8  -1.64  -1.64  30.43  24.49  344.9  0.013  1435.2
   5.0  -1.64  -1.64  30.43  24.49  344.8  0.017  1435.3
  10.0  -1.64  -1.64  30.44  24.50  344.3  0.035  1435.3
  15.0  -1.64  -1.64  30.44  24.50  343.8  0.052  1435.4
  20.0  -1.64  -1.64  30.45  24.51  343.4  0.069  1435.5
  25.0  -1.64  -1.64  30.45  24.51  343.0  0.087  1435.6
  30.0  -1.64  -1.64  30.45  24.51  342.7  0.104  1435.7
  35.0  -1.64  -1.64  30.46  24.52  342.4  0.121  1435.8
  40.0  -1.64  -1.64  30.46  24.52  342.0  0.138  1435.9
  45.0  -1.64  -1.64  30.53  24.58  336.6  0.155  1436.0
  50.0  -1.63  -1.63  31.30  25.20  277.2  0.171  1437.2
  55.0  -1.25  -1.25  31.61  25.44  254.4  0.184  1439.6
  60.0  -1.12  -1.13  31.79  25.58  240.9  0.197  1440.5
  65.0  -1.12  -1.12  31.94  25.70  229.6  0.209  1440.8
  70.0  -1.14  -1.15  32.06  25.80  219.9  0.220  1440.9
  80.0  -1.20  -1.20  32.24  25.95  205.7  0.241  1441.1
  90.0  -1.27  -1.28  32.39  26.07  194.4  0.262  1441.1
 100.0  -1.34  -1.34  32.52  26.18  184.2  0.281  1441.2
 110.0  -1.38  -1.38  32.62  26.26  175.8  0.299  1441.3
 120.0  -1.41  -1.42  32.72  26.34  168.0  0.316  1441.4
 130.0  -1.44  -1.44  32.83  26.43  159.6  0.333  1441.6
 140.0  -1.45  -1.46  32.93  26.51  151.9  0.348  1441.9
 150.0  -1.47  -1.48  33.03  26.60  143.7  0.363  1442.1
 160.0  -1.49  -1.49  33.12  26.66  137.4  0.378  1442.3
 170.0  -1.48  -1.48  33.20  26.73  130.6  0.391  1442.6
 180.0  -1.46  -1.47  33.32  26.83  121.9  0.404  1443.0
 190.0  -1.43  -1.43  33.46  26.94  110.9  0.416  1443.5
 200.0  -1.36  -1.36  33.63  27.08   98.3  0.426  1444.3
 210.0  -1.23  -1.23  33.80  27.21   85.4  0.435  1445.3
 220.0  -1.08  -1.09  34.01  27.37   70.4  0.443  1446.4
 230.0  -0.92  -0.93  34.16  27.49   59.6  0.450  1447.6
 240.0  -0.74  -0.75  34.29  27.59   50.0  0.455  1448.8
 250.0  -0.56  -0.57  34.39  27.66   43.1  0.460  1449.9
 260.0  -0.42  -0.43  34.47  27.72   38.1  0.464  1450.8
 270.0  -0.30  -0.31  34.53  27.76   33.9  0.468  1451.6
 280.0  -0.18  -0.19  34.59  27.80   30.2  0.471  1452.4
 290.0  -0.09  -0.10  34.62  27.83   28.2  0.474  1453.0
 300.0  -0.03  -0.04  34.65  27.85   26.2  0.477  1453.6
 310.0   0.04   0.03  34.68  27.87   24.3  0.479  1454.1
 320.0   0.10   0.09  34.71  27.88   22.9  0.482  1454.5
 330.0   0.15   0.14  34.73  27.90   21.7  0.484  1455.0
 340.0   0.20   0.18  34.74  27.91   20.6  0.486  1455.4
 350.0   0.23   0.22  34.76  27.92   19.6  0.488  1455.7
 370.0   0.30   0.28  34.78  27.94   18.2  0.492  1456.4
 390.0   0.34   0.33  34.80  27.95   17.1  0.495  1456.9
 410.0   0.38   0.36  34.81  27.96   16.4  0.499  1457.5
 430.0   0.42   0.40  34.82  27.96   16.1  0.502  1458.0
 450.0   0.44   0.42  34.83  27.97   15.5  0.505  1458.4
 470.0   0.46   0.44  34.84  27.97   14.8  0.508  1458.9
 490.0   0.48   0.45  34.85  27.98   14.5  0.511  1459.3
 510.0   0.48   0.46  34.85  27.98   14.3  0.514  1459.6
 530.0   0.48   0.45  34.86  27.99   13.7  0.517  1460.0
 550.0   0.48   0.45  34.86  27.99   13.6  0.520  1460.3
 570.0   0.45   0.42  34.87  27.99   13.1  0.523  1460.5
 590.0   0.43   0.40  34.87  27.99   13.0  0.525  1460.7
 610.0   0.41   0.38  34.87  28.00   12.6  0.528  1461.0
 630.0   0.39   0.36  34.87  28.00   12.3  0.530  1461.2
 650.0   0.36   0.33  34.87  28.00   12.1  0.533  1461.4
 670.0   0.33   0.30  34.88  28.01   11.7  0.535  1461.7
 690.0   0.31   0.27  34.88  28.01   11.4  0.537  1461.9
 710.0   0.28   0.24  34.88  28.01   11.2  0.540  1462.1
 729.7   0.24   0.21  34.88  28.02   10.9  0.542  1462.3

                      DEPTH      TEMP.       SALIN

      BUT NUM = 1       5.5      -1.67       30.41
      BUT NUM = 2      49.3                  30.44
      BUT NUM = 3     249.5      -0.67       34.29
      BUT NUM = 4     498.1                  34.85
      BUT NUM = 5     729.7       0.19       34.88
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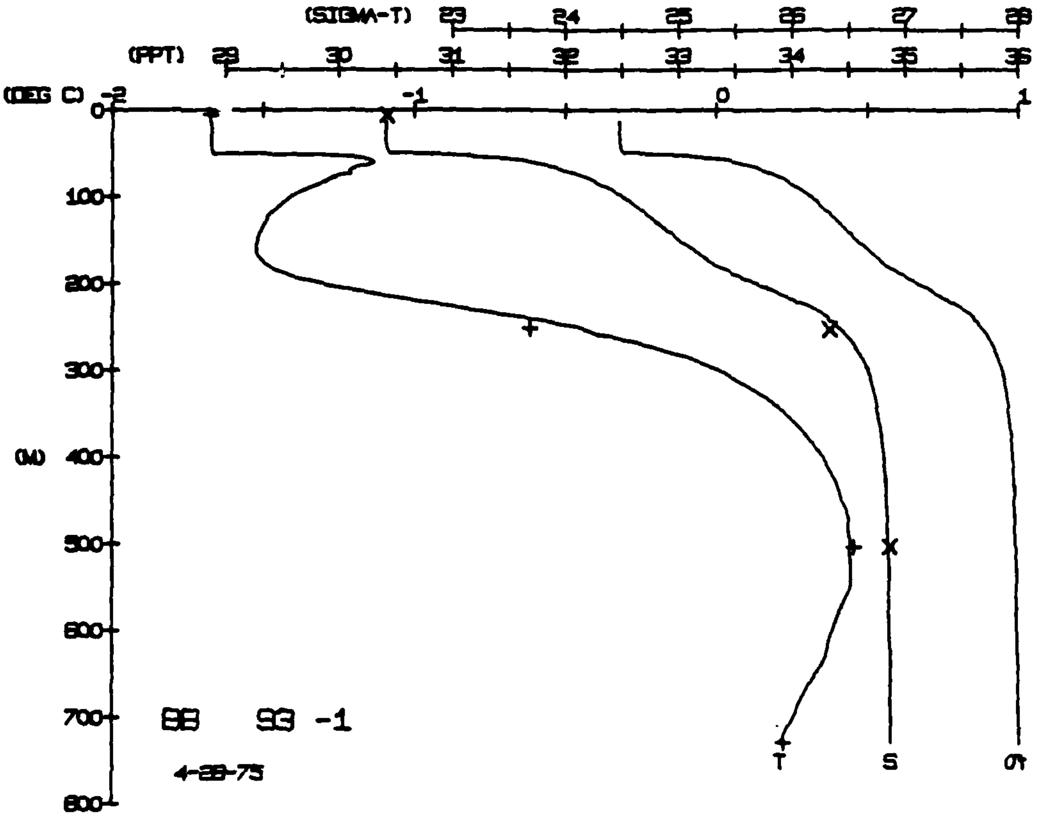
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BB 93 -1
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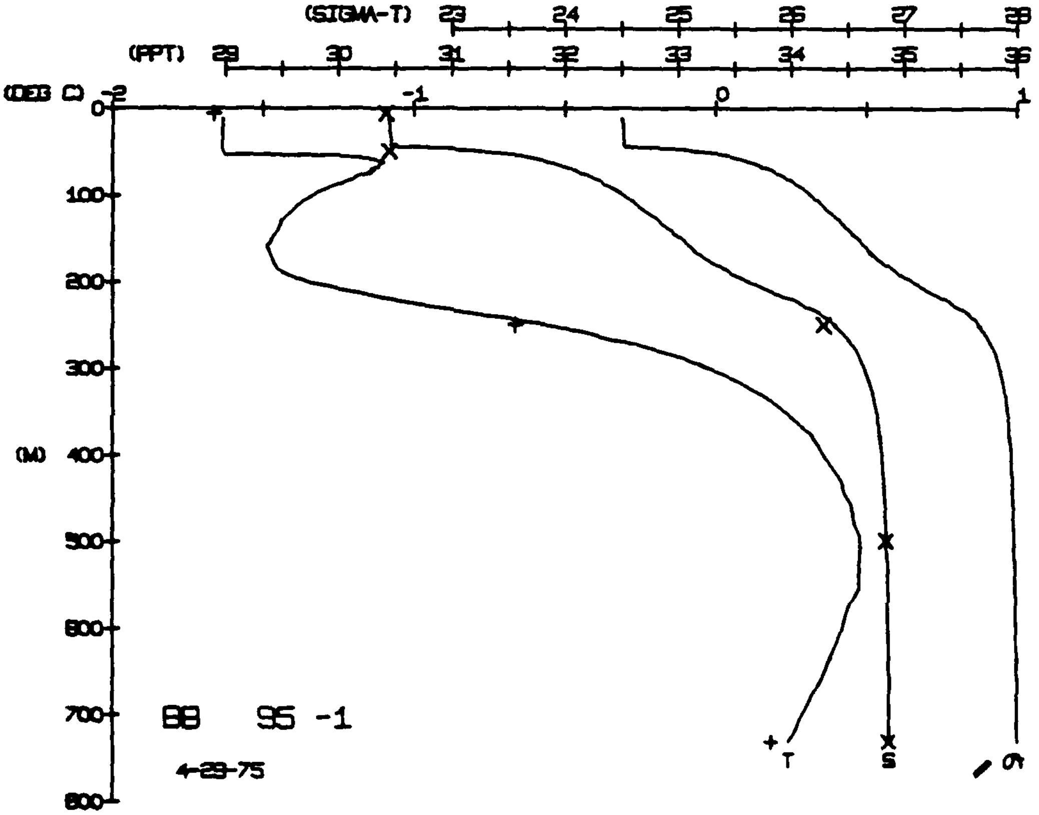
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 95 -1
4-28-75
T
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BIG BEAR STATION   97(1) STD  29/APR/1975 1742 GMT  CODE = 2
LAT = 76.4221N LNG = 144.2749W LTER =     1. LGER =     1.
AIR TEMP = -19.5 BAROM = 1017.9 WIND = 208.8 SPEED =  25.4

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

  0.0   -1.68   -1.68   30.44   24.50   344.3   0.000  1435.0
  5.0   -1.68   -1.68   30.44   24.50   344.3   0.017  1435.1
  8.4   -1.68   -1.68   30.44   24.50   344.2   0.029  1435.1
 10.0   -1.68   -1.68   30.44   24.50   344.1   0.035  1435.1
 15.0   -1.68   -1.68   30.44   24.50   343.8   0.052  1435.2
 20.0   -1.68   -1.68   30.44   24.51   343.5   0.069  1435.3
 25.0   -1.68   -1.68   30.45   24.51   343.2   0.087  1435.4
 30.0   -1.68   -1.68   30.45   24.51   342.8   0.104  1435.5
 35.0   -1.68   -1.68   30.46   24.52   342.3   0.121  1435.6
 40.0   -1.68   -1.68   30.46   24.52   341.9   0.138  1435.7
 45.0   -1.67   -1.67   30.46   24.52   341.8   0.156  1435.8
 50.0   -1.62   -1.62   30.49   24.55   339.3   0.173  1436.2
 55.0   -1.23   -1.23   31.24   25.14   282.9   0.188  1439.1
 60.0   -1.16   -1.16   31.55   25.39   259.3   0.202  1440.0
 65.0   -1.15   -1.15   31.71   25.56   242.5   0.215  1440.4
 70.0   -1.20   -1.20   31.92   25.69   230.4   0.227  1440.5
 80.0   -1.27   -1.27   32.16   25.89   211.6   0.249  1440.6
 90.0   -1.34   -1.34   32.33   26.02   198.5   0.270  1440.7
100.0   -1.39   -1.40   32.46   26.13   188.3   0.289  1440.8
110.0   -1.43   -1.44   32.58   26.23   178.7   0.308  1441.0
120.0   -1.47   -1.47   32.69   26.32   170.3   0.325  1441.1
130.0   -1.49   -1.49   32.79   26.40   162.5   0.342  1441.3
140.0   -1.51   -1.51   32.89   26.48   154.8   0.358  1441.6
150.0   -1.52   -1.53   32.98   26.55   147.8   0.373  1441.8
160.0   -1.53   -1.54   33.08   26.64   139.9   0.388  1442.0
170.0   -1.52   -1.53   33.18   26.71   132.5   0.401  1442.4
180.0   -1.50   -1.50   33.31   26.82   122.2   0.414  1442.8
190.0   -1.45   -1.45   33.42   26.91   114.0   0.426  1443.4
200.0   -1.38   -1.39   33.58   27.03   102.3   0.437  1444.1
210.0   -1.24   -1.25   33.77   27.18    88.2   0.447  1445.2
220.0   -1.10   -1.11   33.93   27.31    76.3   0.455  1446.2
230.0   -0.91   -0.91   34.11   27.45    63.3   0.462  1447.6
240.0   -0.72   -0.73   34.27   27.57    52.9   0.468  1448.8
250.C   -0.56   -0.57   34.37   27.65    44.7   0.473  1449.9
260.0   -0.42   -0.43   34.46   27.71    39.0   0.477  1450.8
270.0   -0.31   -0.32   34.51   27.75    35.1   0.481  1451.6
280.0   -0.21   -0.22   34.56   27.79    31.8   0.484  1452.3
290.0   -0.12   -0.13   34.61   27.82    29.1   0.487  1452.9
300.0   -0.04   -0.05   34.64   27.84    26.9   0.490  1453.5
310.0    0.02    0.01   34.67   27.86    25.0   0.493  1454.0
320.0    0.07    0.06   34.70   27.88    23.3   0.495  1454.4
330.0    0.12    0.10   34.72   27.89    22.0   0.497  1454.8
340.0    0.16    0.15   34.74   27.91    20.9   0.500  1455.2
350.0    0.20    0.19   34.75   27.92    19.8   0.502  1455.6
370.0    0.26    0.24   34.78   27.94    18.3   0.506  1456.2
390.0    0.31    0.29   34.80   27.95    17.4   0.509  1456.8
410.0    0.35    0.33   34.81   27.95    16.5   0.513  1457.3
430.0    0.38    0.36   34.82   27.96    15.8   0.516  1457.8
450.0    0.39    0.37   34.83   27.97    15.3   0.519  1458.2
470.0    0.41    0.39   34.84   27.97    14.7   0.522  1458.6
490.0    0.43    0.41   34.85   27.98    14.4   0.525  1459.1
510.0    0.44    0.41   34.85   27.98    14.0   0.528  1459.4
530.0    0.43    0.41   34.86   27.99    13.8   0.531  1459.7
550.0    0.42    0.39   34.86   27.99    13.3   0.533  1460.0
570.0    0.41    0.38   34.87   28.00    12.9   0.536  1460.3
590.0    0.38    0.36   34.87   28.00    12.5   0.539  1460.5
610.0    0.36    0.33   34.87   28.00    12.2   0.541  1460.8
630.0    0.34    0.31   34.87   28.00    12.0   0.544  1461.0
650.0    0.32    0.29   34.87   28.01    11.8   0.546  1461.2
670.0    0.30    0.26   34.87   28.01    11.5   0.548  1461.5
690.0    0.27    0.24   34.88   28.01    11.1   0.551  1461.7
710.0    0.24    0.21   34.88   28.01    11.0   0.553  1461.9
729.3    0.21    0.18   34.88   28.02    10.7   0.555  1462.1

                        DEPTH     TEMP.     SALIN

       BOT NUM = 1        5.0     -1.65     30.41
       BOT NUM = 2       49.6     -1.66
       BOT NUM = 3      497.5               34.87
       BOT NUM = 4      729.3      0.23     34.87
```

```
BIG BEAR STATION   99(1) STD  30/APR/1975  451 GMT  CODE = 2
LAT = 76.4470N LNG = 144.1253W LTER =    32. LGER =    65.
AIR TEMP = -16.8 BAROM = 1016.0 WIND = 193.6 SPEED =  85.0

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.66   -1.66   30.41   24.48   346.5   0.000  1435.0
  3.6   -1.66   -1.66   30.41   24.48   346.4   0.012  1435.1
  5.0   -1.66   -1.66   30.41   24.48   346.3   0.017  1435.1
 10.0   -1.66   -1.66   30.41   24.48   345.9   0.035  1435.2
 15.0   -1.67   -1.67   30.42   24.49   345.4   0.052  1435.3
 20.0   -1.67   -1.67   30.43   24.49   344.8   0.070  1435.4
 25.0   -1.67   -1.67   30.43   24.50   344.1   0.087  1435.4
 30.0   -1.67   -1.67   30.44   24.50   343.5   0.104  1435.5
 35.0   -1.67   -1.67   30.45   24.51   342.8   0.122  1435.6
 40.0   -1.67   -1.67   30.47   24.53   341.0   0.139  1435.7
 45.0   -1.67   -1.67   30.48   24.54   340.1   0.156  1435.8
 50.0   -1.62   -1.62   30.49   24.55   339.3   0.173  1436.2
 55.0   -1.27   -1.27   30.68   24.69   325.6   0.190  1438.2
 60.0   -1.15   -1.15   31.34   25.22   275.3   0.205  1439.8
 65.0   -1.19   -1.19   31.67   25.49   249.8   0.218  1440.1
 70.0   -1.14   -1.14   31.87   25.65   234.1   0.230  1440.7
 80.0   -1.26   -1.26   32.11   25.85   215.5   0.253  1440.6
 90.0   -1.33   -1.34   32.30   26.00   201.0   0.274  1440.7
100.0   -1.38   -1.38   32.43   26.11   190.3   0.294  1440.9
110.0   -1.42   -1.42   32.55   26.20   181.4   0.313  1441.0
120.0   -1.45   -1.45   32.65   26.29   173.2   0.330  1441.2
130.0   -1.47   -1.48   32.75   26.37   165.5   0.347  1441.3
140.0   -1.50   -1.50   32.84   26.44   158.8   0.364  1441.5
150.0   -1.51   -1.51   32.93   26.52   151.4   0.379  1441.8
160.0   -1.52   -1.53   33.03   26.60   143.7   0.394  1442.0
170.0   -1.52   -1.53   33.12   26.67   136.6   0.409  1442.3
180.0   -1.51   -1.51   33.22   26.75   129.0   0.422  1442.7
190.0   -1.47   -1.48   33.33   26.84   120.8   0.435  1443.1
200.0   -1.41   -1.41   33.47   26.95   110.5   0.446  1443.8
210.0   -1.29   -1.29   33.65   27.09    97.0   0.457  1444.8
220.0   -1.15   -1.16   33.84   27.24    83.1   0.466  1445.9
230.0   -0.98   -0.98   34.01   27.37    70.6   0.474  1447.1
240.0   -0.79   -0.80   34.18   27.50    58.4   0.480  1448.4
250.0   -0.61   -0.62   34.31   27.60    49.0   0.485  1449.6
260.0   -0.45   -0.46   34.42   27.68    41.4   0.490  1450.6
270.0   -0.34   -0.35   34.48   27.73    37.2   0.494  1451.4
280.0   -0.24   -0.25   34.54   27.77    33.4   0.498  1452.1
290.0   -0.12   -0.13   34.59   27.80    30.3   0.501  1452.9
300.0   -0.05   -0.06   34.63   27.83    27.4   0.504  1453.4
310.0    0.02    0.01   34.67   27.86    25.5   0.506  1454.0
320.0    0.06    0.05   34.69   27.87    23.8   0.509  1454.4
330.0    0.11    0.10   34.71   27.89    22.5   0.511  1454.8
340.0    0.16    0.15   34.73   27.90    21.4   0.513  1455.2
350.0    0.21    0.19   34.75   27.91    20.4   0.516  1455.6
370.0    0.26    0.25   34.77   27.93    18.8   0.519  1456.2
390.0    0.32    0.30   34.80   27.95    17.2   0.523  1456.8
410.0    0.35    0.34   34.81   27.96    16.2   0.527  1457.3
430.0    0.38    0.36   34.82   27.96    15.7   0.530  1457.8
450.0    0.40    0.38   34.83   27.97    15.2   0.533  1458.2
470.0    0.42    0.40   34.84   27.97    14.8   0.536  1458.7
490.0    0.43    0.41   34.85   27.98    14.4   0.539  1459.1
510.0    0.44    0.42   34.85   27.98    13.9   0.542  1459.4
530.0    0.44    0.41   34.86   27.99    13.5   0.544  1459.8
550.0    0.43    0.41   34.86   27.99    13.1   0.547  1460.1
570.0    0.40    0.38   34.87   28.00    12.8   0.550  1460.3
590.0    0.38    0.35   34.87   28.00    12.4   0.552  1460.5
610.0    0.36    0.33   34.87   28.00    12.1   0.555  1460.8
630.0    0.34    0.31   34.87   28.00    12.0   0.557  1461.0
650.0    0.32    0.29   34.87   28.01    11.8   0.560  1461.2
670.0    0.29    0.26   34.87   28.01    11.5   0.562  1461.4
690.0    0.26    0.23   34.88   28.01    11.1   0.564  1461.6
710.0    0.23    0.20   34.88   28.01    10.9   0.566  1461.9
727.2    0.21    0.18   34.88   28.02    10.7   0.568  1462.0

                        DEPTH     TEMP.     SALIN

       BOT NUM = 1        5.1     -1.66     30.43
       BOT NUM = 2       49.3               30.49
       BOT NUM = 3      249.5     -0.66     34.27
       BOT NUM = 4      496.6      0.44     34.84
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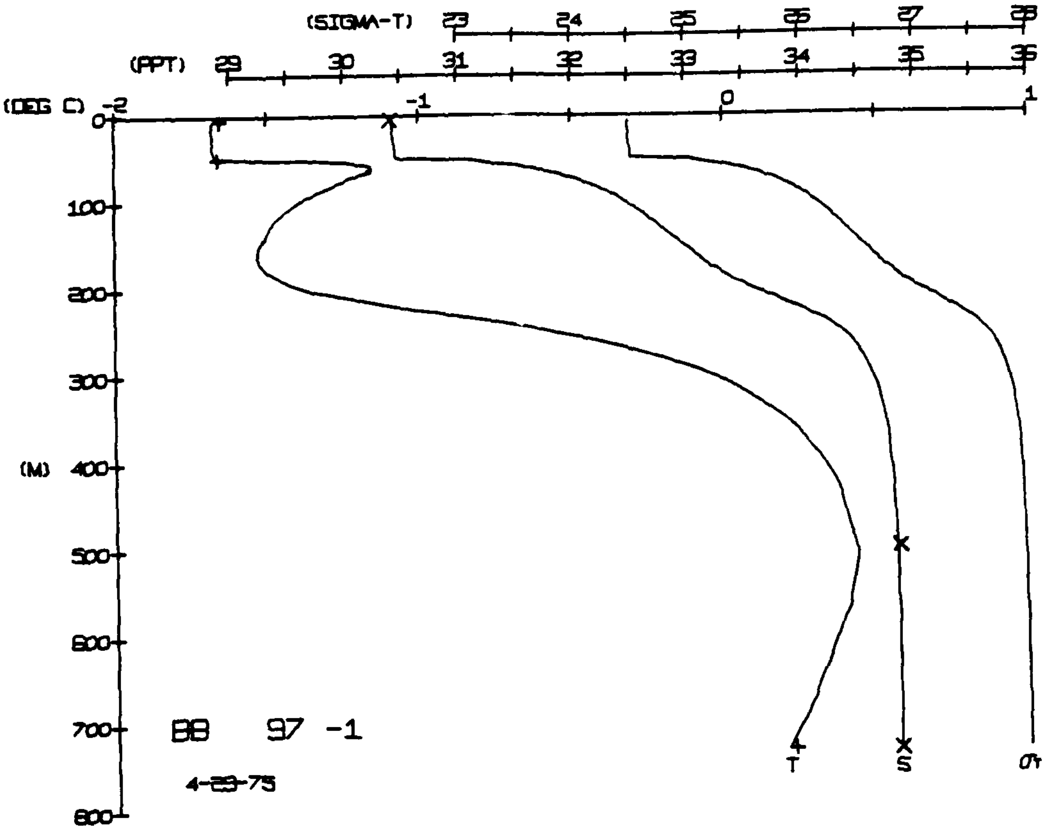
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200
300
(M) 400
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600
700
800
BB 97 -1
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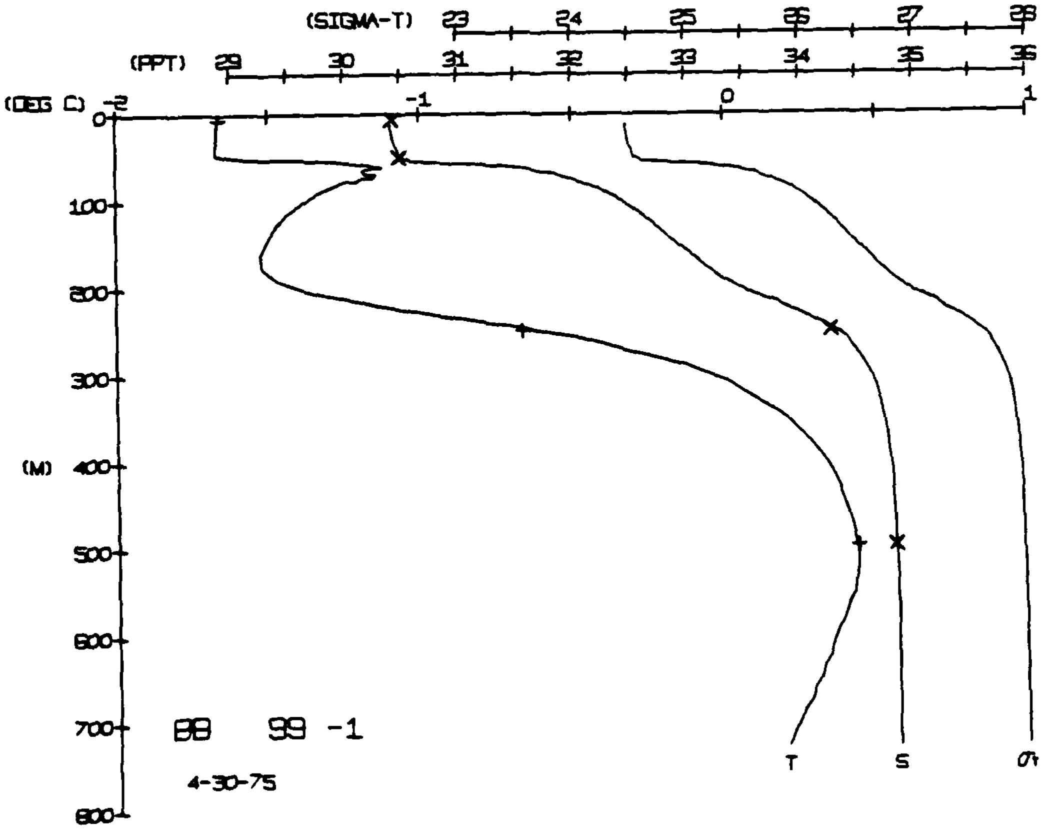
T
S
σt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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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600
700
800
BB 99 -1
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T
S
σt

```
BIG BEAR STATION 103(1) STD   1/MAY/1975  546 GMT  CODE = 2
LAT = 76.4640N LNG = 143.6668W LTER =      0, LGER =      0,
AIR TEMP = -16.8 BAROM = 1022.9 WIND = 193.6 SPEED =  85.0

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0   -1.62  -1.62  30.49  24.54  340.5  0.000  1435.3
   5.0   -1.62  -1.62  30.49  24.54  340.5  0.017  1435.4
  10.0   -1.62  -1.62  30.49  24.54  340.4  0.034  1435.5
  10.7   -1.62  -1.62  30.49  24.54  340.4  0.037  1435.5
  15.0   -1.62  -1.62  30.49  24.54  340.3  0.051  1435.6
  20.0   -1.62  -1.62  30.49  24.54  340.2  0.069  1435.7
  25.0   -1.62  -1.62  30.49  24.54  340.0  0.086  1435.7
  30.0   -1.62  -1.62  30.49  24.54  340.0  0.103  1435.8
  35.0   -1.62  -1.62  30.49  24.54  339.9  0.120  1435.9
  40.0   -1.61  -1.61  30.49  24.54  339.8  0.137  1436.0
  45.0   -1.57  -1.57  30.50  24.55  339.0  0.154  1436.3
  50.0   -1.17  -1.17  30.95  24.90  305.5  0.170  1438.9
  55.0   -1.11  -1.11  31.61  25.44  254.6  0.184  1440.2
  60.0   -1.13  -1.13  31.89  25.67  232.8  0.197  1440.6
  65.0   -1.18  -1.18  32.05  25.80  220.3  0.208  1440.7
  70.0   -1.23  -1.23  32.16  25.88  212.4  0.219  1440.7
  80.0   -1.27  -1.27  32.30  26.00  201.0  0.240  1440.8
  90.0   -1.32  -1.32  32.43  26.10  190.9  0.260  1440.9
 100.0   -1.36  -1.36  32.55  26.20  181.8  0.278  1441.1
 110.0   -1.39  -1.40  32.63  26.27  175.1  0.296  1441.2
 120.0   -1.42  -1.42  32.72  26.34  168.5  0.314  1441.4
 130.0   -1.44  -1.45  32.79  26.40  162.4  0.330  1441.6
 140.0   -1.46  -1.47  32.87  26.46  156.7  0.347  1441.7
 150.0   -1.47  -1.48  32.93  26.52  151.4  0.362  1441.9
 160.0   -1.48  -1.49  33.03  26.59  144.2  0.377  1442.2
 170.0   -1.48  -1.49  33.10  26.65  138.5  0.391  1442.4
 180.0   -1.48  -1.48  33.19  26.73  131.4  0.405  1442.8
 190.0   -1.45  -1.45  33.29  26.81  123.8  0.418  1443.2
 200.0   -1.40  -1.41  33.40  26.89  115.7  0.430  1443.8
 210.0   -1.31  -1.32  33.55  27.01  104.5  0.441  1444.5
 220.0   -1.18  -1.18  33.76  27.17   89.0  0.451  1445.6
 230.0   -1.01  -1.02  33.92  27.30   77.4  0.459  1446.8
 240.0   -0.86  -0.86  34.09  27.43   65.0  0.466  1447.9
 250.0   -0.69  -0.70  34.24  27.55   53.8  0.472  1449.1
 260.0   -0.53  -0.54  34.36  27.64   45.7  0.477  1450.2
 270.0   -0.43  -0.44  34.43  27.69   41.1  0.482  1450.9
 280.0   -0.30  -0.31  34.50  27.74   36.2  0.486  1451.7
 290.0   -0.20  -0.21  34.55  27.78   32.7  0.489  1452.5
 300.0   -0.10  -0.11  34.59  27.80   30.4  0.492  1453.2
 310.0   -0.01  -0.02  34.63  27.83   27.7  0.495  1453.8
 320.0    0.06   0.05  34.67  27.86   25.4  0.498  1454.3
 330.0    0.13   0.11  34.70  27.88   23.5  0.500  1454.8
 340.0    0.17   0.16  34.72  27.89   22.0  0.503  1455.2
 350.0    0.21   0.20  34.74  27.91   20.7  0.505  1455.6
 370.0    0.29   0.28  34.77  27.93   19.0  0.509  1456.3
 390.0    0.35   0.33  34.79  27.94   17.9  0.513  1456.9
 410.0    0.39   0.37  34.81  27.95   16.8  0.516  1457.5
 430.0    0.42   0.40  34.82  27.96   16.1  0.519  1458.0
 450.0    0.44   0.42  34.83  27.97   15.6  0.523  1458.4
 470.0    0.47   0.45  34.84  27.97   15.1  0.526  1458.9
 490.0    0.48   0.46  34.85  27.98   14.6  0.529  1459.3
 510.0    0.49   0.47  34.85  27.98   14.3  0.532  1459.7
 530.0    0.49   0.46  34.86  27.99   13.9  0.534  1460.0
 550.0    0.48   0.46  34.86  27.99   13.8  0.537  1460.3
 570.0    0.47   0.44  34.87  27.99   13.3  0.540  1460.6
 590.0    0.45   0.42  34.87  28.00   13.0  0.543  1460.8
 610.0    0.43   0.40  34.87  28.00   12.8  0.545  1461.1
 630.0    0.41   0.38  34.87  28.00   12.4  0.548  1461.3
 650.0    0.38   0.35  34.87  28.00   12.2  0.550  1461.5
 670.0    0.35   0.32  34.88  28.01   11.8  0.553  1461.7
 690.0    0.32   0.29  34.87  28.01   11.7  0.555  1461.9
 710.0    0.30   0.27  34.87  28.01   11.5  0.557  1462.2
 730.0    0.26   0.23  34.88  28.01   11.0  0.560  1462.3

                        DEPTH      TEMP.      SALIN

      BOT NUM = 1         5.5                 30.47
      BOT NUM = 2        51.1                 30.48
      BOT NUM = 3       250.0      -0.78      34.19
      BOT NUM = 4       498.8       0.45      34.85
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```
BIG BEAR STATION 105(1) STD   1/MAY/1975 1742 GMT  CODE = 2
LAT = 76.4622N LNG = 143.6629W LTER =      1, LGER =      1,
AIR TEMP = -24.1 BAROM = 1027.6 WIND = 261.7 SPEED =  15.2

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0   -1.63  -1.63  30.49  24.54  340.5  0.000  1435.3
   5.0   -1.63  -1.63  30.49  24.54  340.5  0.017  1435.3
   7.7   -1.63  -1.63  30.49  24.54  340.4  0.026  1435.4
  10.0   -1.63  -1.63  30.49  24.54  340.5  0.034  1435.4
  15.0   -1.63  -1.63  30.48  24.54  340.4  0.051  1435.5
  20.0   -1.63  -1.63  30.48  24.54  340.4  0.069  1435.6
  25.0   -1.63  -1.63  30.48  24.54  340.3  0.086  1435.7
  30.0   -1.63  -1.63  30.49  24.54  340.2  0.103  1435.8
  35.0   -1.63  -1.63  30.49  24.54  340.0  0.120  1435.9
  40.0   -1.63  -1.63  30.49  24.54  339.9  0.137  1435.9
  45.0   -1.63  -1.63  30.49  24.54  339.8  0.154  1436.0
  50.0   -1.28  -1.28  31.16  25.08  288.6  0.170  1438.7
  55.0   -1.17  -1.17  31.69  25.50  248.5  0.184  1440.1
  60.0   -1.11  -1.11  31.85  25.63  236.0  0.196  1440.7
  65.0   -1.13  -1.14  31.96  25.72  227.4  0.207  1440.8
  70.0   -1.18  -1.18  32.10  25.83  217.0  0.219  1440.8
  80.0   -1.25  -1.25  32.27  25.97  203.5  0.240  1440.9
  90.0   -1.30  -1.30  32.40  26.08  193.0  0.260  1441.0
 100.0   -1.35  -1.35  32.53  26.19  183.2  0.279  1441.1
 110.0   -1.38  -1.38  32.63  26.27  175.2  0.297  1441.3
 120.0   -1.41  -1.42  32.72  26.34  168.6  0.314  1441.4
 130.0   -1.45  -1.45  32.81  26.41  161.3  0.331  1441.6
 140.0   -1.47  -1.47  32.90  26.49  154.2  0.347  1441.7
 150.0   -1.49  -1.49  32.97  26.54  148.8  0.362  1441.9
 160.0   -1.49  -1.50  33.04  26.60  143.3  0.377  1442.1
 170.0   -1.49  -1.50  33.11  26.66  137.7  0.391  1442.4
 180.0   -1.49  -1.49  33.21  26.74  129.9  0.404  1442.8
 190.0   -1.47  -1.48  33.31  26.82  122.6  0.417  1443.1
 200.0   -1.43  -1.44  33.41  26.90  114.6  0.429  1443.6
 210.0   -1.36  -1.36  33.55  27.01  104.4  0.440  1444.3
 220.0   -1.24  -1.24  33.72  27.14   91.8  0.450  1445.3
 230.0   -1.07  -1.07  33.90  27.29   78.2  0.459  1446.5
 240.0   -0.88  -0.89  34.11  27.45   63.2  0.466  1447.8
 250.0   -0.73  -0.74  34.25  27.56   53.1  0.472  1448.9
 260.0   -0.56  -0.57  34.36  27.64   45.4  0.477  1450.0
 270.0   -0.45  -0.46  34.43  27.69   40.6  0.481  1450.8
 280.0   -0.32  -0.33  34.50  27.74   35.8  0.485  1451.7
 290.0   -0.20  -0.21  34.56  27.78   32.1  0.488  1452.5
 300.0   -0.09  -0.10  34.61  27.82   29.0  0.491  1453.2
 310.0   -0.01  -0.02  34.65  27.84   26.6  0.494  1453.8
 320.0    0.06   0.04  34.68  27.87   24.5  0.497  1454.3
 330.0    0.12   0.11  34.70  27.88   23.2  0.499  1454.8
 340.0    0.17   0.16  34.73  27.90   21.7  0.501  1455.2
 350.0    0.22   0.20  34.75  27.91   20.6  0.504  1455.6
 370.0    0.27   0.26  34.77  27.93   19.1  0.508  1456.2
 390.0    0.33   0.31  34.79  27.94   17.9  0.511  1456.8
 410.0    0.37   0.35  34.81  27.95   16.9  0.515  1457.4
 430.0    0.40   0.38  34.82  27.96   16.2  0.518  1457.9
 450.0    0.43   0.41  34.83  27.96   15.7  0.521  1458.3
 470.0    0.45   0.43  34.84  27.97   15.2  0.525  1458.8
 490.0    0.47   0.45  34.85  27.98   14.7  0.528  1459.3
 510.0    0.48   0.46  34.85  27.98   14.2  0.531  1459.6
 530.0    0.48   0.46  34.86  27.98   14.0  0.533  1460.0
 550.0    0.48   0.45  34.86  27.99   13.6  0.536  1460.3
 570.0    0.46   0.44  34.87  27.99   13.3  0.539  1460.6
 590.0    0.44   0.42  34.87  28.00   13.0  0.542  1460.8
 610.0    0.43   0.40  34.87  28.00   12.7  0.544  1461.1
 630.0    0.40   0.37  34.87  28.00   12.2  0.547  1461.3
 650.0    0.38   0.35  34.88  28.01   11.9  0.549  1461.5
 670.0    0.35   0.32  34.88  28.01   11.7  0.551  1461.7
 690.0    0.32   0.29  34.88  28.01   11.3  0.554  1461.9
 710.0    0.29   0.26  34.88  28.01   11.0  0.556  1462.1
 730.0    0.26   0.22  34.88  28.02   10.7  0.558  1462.3

                        DEPTH      TEMP.      SALIN

      BOT NUM = 1         4.6                 30.47
      BOT NUM = 2       250.2      -0.78      34.20
      BOT NUM = 3       500.7       0.46      34.86
      BOT NUM = 4       730.7       0.23      34.88
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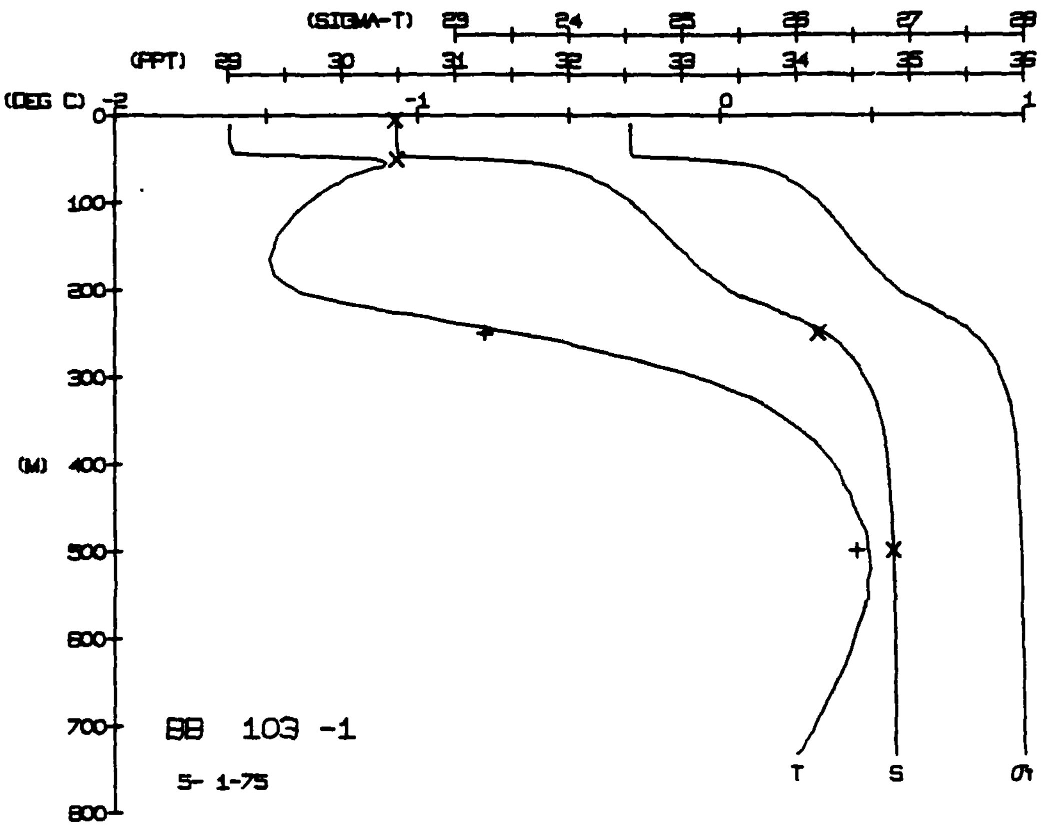
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700
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BB 103 -1
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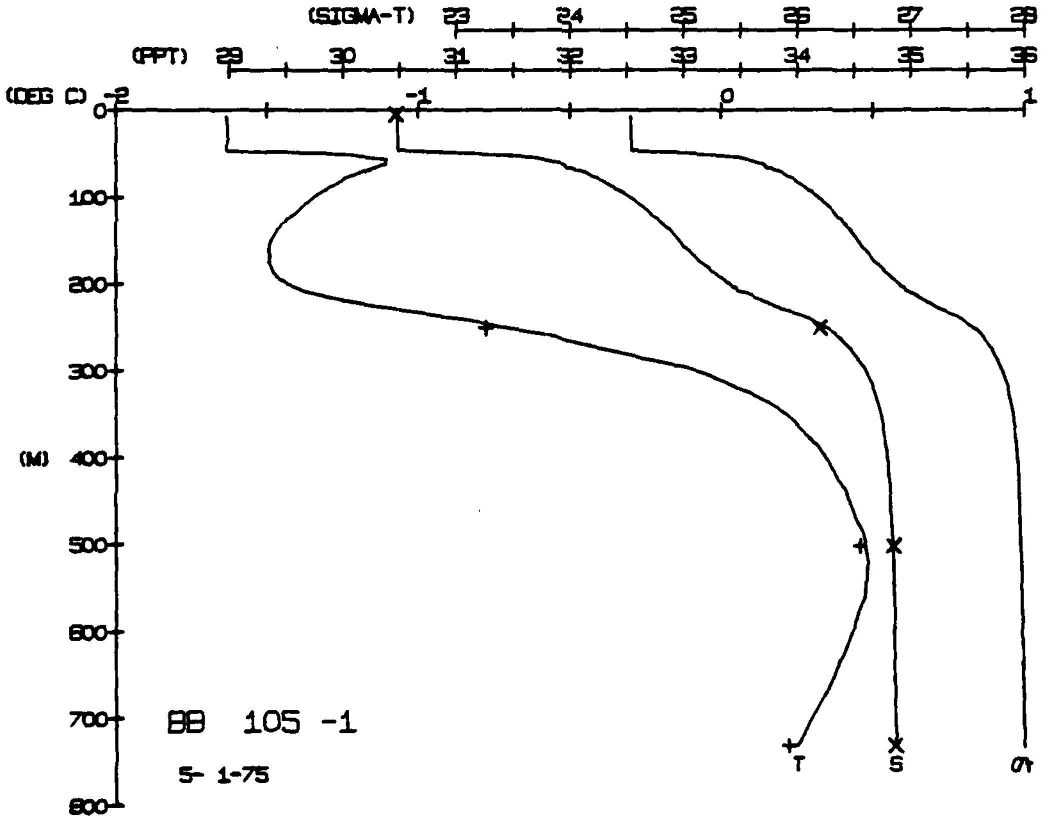
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 105 -1
5- 1-75
T
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BIG BEAR STATION 107(1) STD   2/MAY/1975  432 GMT  CODE = 2
LAT = 76.4528N LNG = 143.6814W LTER =     0, LGER =     1,
AIR TEMP = -24.1 BAROM = 1031.1 WIND = 261.7 SPEED =  15.2

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.68   -1.68   30.48   24.53   341.0   0.000  1435.0
   5.0   -1.68   -1.68   30.48   24.53   341.0   0.017  1435.1
  10.0   -1.68   -1.68   30.48   24.53   340.9   0.034  1435.2
  11.2   -1.68   -1.68   30.48   24.53   340.9   0.038  1435.2
  15.0   -1.68   -1.68   30.48   24.53   340.8   0.051  1435.3
  20.0   -1.68   -1.68   30.48   24.54   340.6   0.069  1435.4
  25.0   -1.68   -1.68   30.48   24.54   340.5   0.086  1435.4
  30.0   -1.68   -1.68   30.48   24.54   340.4   0.103  1435.5
  35.0   -1.68   -1.68   30.48   24.54   340.4   0.120  1435.6
  40.0   -1.67   -1.67   30.50   24.55   339.2   0.137  1435.7
  45.0   -1.65   -1.65   30.57   24.61   333.3   0.154  1436.0
  50.0   -1.23   -1.23   31.45   25.31   266.9   0.169  1439.4
  55.0   -1.15   -1.15   31.72   25.53   246.2   0.182  1440.2
  60.0   -1.17   -1.17   31.93   25.70   229.5   0.194  1440.5
  65.0   -1.22   -1.22   32.03   25.78   221.7   0.206  1440.5
  70.0   -1.27   -1.27   32.16   25.89   211.7   0.216  1440.5
  80.0   -1.32   -1.32   32.31   26.01   200.0   0.237  1440.6
  90.0   -1.35   -1.35   32.43   26.11   190.7   0.257  1440.8
 100.0   -1.40   -1.40   32.55   26.20   181.5   0.276  1440.9
 110.0   -1.44   -1.44   32.66   26.29   172.9   0.294  1441.0
 120.0   -1.48   -1.48   32.75   26.37   165.8   0.311  1441.2
 130.0   -1.50   -1.50   32.83   26.44   159.2   0.327  1441.3
 140.0   -1.52   -1.52   32.93   26.51   151.8   0.343  1441.5
 150.0   -1.53   -1.54   33.01   26.58   145.5   0.358  1441.8
 160.0   -1.54   -1.54   33.09   26.65   138.9   0.372  1442.0
 170.0   -1.53   -1.54   33.18   26.72   132.3   0.386  1442.3
 180.0   -1.51   -1.52   33.28   26.80   124.7   0.399  1442.7
 190.0   -1.48   -1.48   33.39   26.88   116.4   0.411  1443.2
 200.0   -1.42   -1.42   33.50   26.98   107.6   0.422  1443.8
 210.0   -1.30   -1.31   33.70   27.13    92.7   0.432  1444.8
 220.0   -1.15   -1.16   33.87   27.26    80.5   0.441  1445.9
 230.0   -1.02   -1.02   34.02   27.38    69.8   0.449  1446.9
 240.0   -0.82   -0.82   34.21   27.52    56.2   0.455  1448.3
 250.0   -0.64   -0.65   34.33   27.62    47.2   0.460  1449.5
 260.0   -0.50   -0.51   34.42   27.68    41.5   0.465  1450.4
 270.0   -0.38   -0.39   34.49   27.73    36.7   0.469  1451.2
 280.0   -0.24   -0.25   34.55   27.78    32.5   0.472  1452.1
 290.0   -0.16   -0.17   34.60   27.81    29.5   0.475  1452.7
 300.0   -0.07   -0.08   34.63   27.84    27.3   0.478  1453.3
 310.0    0.00   -0.01   34.67   27.86    25.3   0.481  1453.9
 320.0    0.05    0.04   34.69   27.87    23.7   0.483  1454.3
 330.0    0.11    0.09   34.72   27.89    22.0   0.486  1454.8
 340.0    0.16    0.14   34.74   27.91    20.8   0.488  1455.2
 350.0    0.19    0.18   34.75   27.92    19.8   0.490  1455.5
 370.0    0.26    0.24   34.78   27.93    18.3   0.494  1456.2
 390.0    0.31    0.29   34.80   27.95    17.0   0.497  1456.8
 410.0    0.35    0.33   34.81   27.96    16.2   0.501  1457.3
 430.0    0.38    0.36   34.83   27.96    15.6   0.504  1457.8
 450.0    0.40    0.38   34.83   27.97    15.1   0.507  1458.3
 470.0    0.42    0.40   34.84   27.98    14.7   0.510  1458.7
 490.0    0.44    0.42   34.85   27.98    14.1   0.513  1459.1
 510.0    0.45    0.43   34.86   27.99    13.8   0.516  1459.5
 530.0    0.44    0.42   34.86   27.99    13.4   0.518  1459.8
 550.0    0.42    0.39   34.86   27.99    13.2   0.521  1460.0
 570.0    0.40    0.37   34.87   28.00    12.8   0.524  1460.3
 590.0    0.38    0.36   34.87   28.00    12.6   0.526  1460.5
 610.0    0.36    0.33   34.87   28.00    12.4   0.529  1460.8
 630.0    0.35    0.32   34.87   28.00    12.2   0.531  1461.1
 650.0    0.33    0.30   34.88   28.01    11.7   0.534  1461.3
 670.0    0.30    0.27   34.88   28.01    11.4   0.536  1461.5
 690.0    0.28    0.25   34.88   28.01    11.3   0.538  1461.7
 710.0    0.25    0.22   34.88   28.02    10.9   0.541  1461.9

                        DEPTH      TEMP.      SALIN

          BOT NUM = 1     3.9      -1.65      30.46
          BOT NUM = 2    45.2                 30.48
          BOT NUM = 3   249.9      -0.85      34.15
          BOT NUM = 4   500.2       0.44      34.84
          BOT NUM = 5   728.4       0.22      34.87
```

```
BIG BEAR STATION 111(1) STD   3/MAY/1975  436 GMT  CODE = 2
LAT = 76.4450N LNG = 143.8450W LTER =     1, LGER =     1,
AIR TEMP = -18.0 BAROM = 1029.7 WIND =  53.7 SPEED =  42.3

DEPTH     TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.67   -1.67   30.48   24.54   340.8   0.000  1435.1
   5.0   -1.67   -1.67   30.48   24.54   340.7   0.017  1435.2
   5.4   -1.67   -1.67   30.48   24.54   340.7   0.018  1435.2
  10.0   -1.67   -1.67   30.48   24.54   340.6   0.034  1435.2
  15.0   -1.67   -1.67   30.48   24.54   340.4   0.051  1435.3
  20.0   -1.67   -1.67   30.48   24.54   340.5   0.069  1435.4
  25.0   -1.67   -1.67   30.48   24.54   340.4   0.086  1435.5
  30.0   -1.68   -1.68   30.48   24.54   340.3   0.103  1435.6
  35.0   -1.68   -1.68   30.48   24.54   340.1   0.120  1435.6
  40.0   -1.67   -1.67   30.51   24.56   338.3   0.137  1435.8
  45.0   -1.67   -1.67   30.52   24.56   337.7   0.154  1435.9
  50.0   -1.64   -1.64   30.55   24.59   334.8   0.171  1436.1
  55.0   -1.37   -1.37   30.96   24.92   303.7   0.187  1438.1
  60.0   -1.15   -1.15   31.52   25.37   261.3   0.201  1440.0
  65.0   -1.13   -1.13   31.72   25.53   246.1   0.214  1440.4
  70.0   -1.17   -1.17   31.92   25.69   230.4   0.226  1440.6
  80.0   -1.26   -1.26   32.15   25.88   212.5   0.248  1440.7
  90.0   -1.32   -1.32   32.32   26.02   199.2   0.269  1440.8
 100.0   -1.38   -1.38   32.46   26.13   188.7   0.289  1440.9
 110.0   -1.41   -1.42   32.57   26.22   179.8   0.307  1441.0
 120.0   -1.45   -1.45   32.68   26.31   171.4   0.325  1441.2
 130.0   -1.47   -1.48   32.77   26.39   163.8   0.342  1441.4
 140.0   -1.50   -1.50   32.85   26.45   157.7   0.358  1441.5
 150.0   -1.51   -1.52   32.93   26.52   151.2   0.374  1441.7
 160.0   -1.53   -1.53   33.02   26.59   144.6   0.389  1442.0
 170.0   -1.53   -1.54   33.10   26.65   138.7   0.403  1442.2
 180.0   -1.53   -1.53   33.19   26.73   131.5   0.417  1442.5
 190.0   -1.50   -1.50   33.29   26.81   123.6   0.430  1443.0
 200.0   -1.46   -1.46   33.39   26.89   115.9   0.442  1443.5
 210.0   -1.39   -1.39   33.55   27.02   103.9   0.453  1444.2
 220.0   -1.28   -1.29   33.71   27.14    92.6   0.463  1445.1
 230.0   -1.13   -1.13   33.87   27.27    80.3   0.471  1446.2
 240.0   -0.97   -0.97   34.06   27.41    66.9   0.479  1447.4
 250.0   -0.78   -0.79   34.22   27.54    55.0   0.485  1448.6
 260.0   -0.62   -0.63   34.34   27.63    46.7   0.490  1449.7
 270.0   -0.49   -0.50   34.43   27.69    40.9   0.495  1450.6
 280.0   -0.34   -0.35   34.50   27.74    35.7   0.498  1451.6
 290.0   -0.23   -0.24   34.55   27.78    32.5   0.502  1452.3
 300.0   -0.14   -0.15   34.60   27.81    29.6   0.505  1453.0
 310.0   -0.06   -0.08   34.64   27.84    26.9   0.508  1453.5
 320.0    0.01    0.00   34.67   27.86    25.1   0.510  1454.1
 330.0    0.08    0.06   34.70   27.88    23.2   0.513  1454.6
 340.0    0.12    0.11   34.72   27.90    21.8   0.515  1455.0
 350.0    0.17    0.15   34.74   27.91    20.7   0.517  1455.4
 370.0    0.24    0.22   34.77   27.93    18.8   0.521  1456.1
 390.0    0.29    0.28   34.79   27.94    17.4   0.525  1456.7
 410.0    0.34    0.32   34.81   27.96    16.2   0.528  1457.3
 430.0    0.37    0.35   34.83   27.97    15.5   0.532  1457.8
 450.0    0.40    0.38   34.83   27.97    15.0   0.535  1458.2
 470.0    0.42    0.40   34.85   27.98    14.4   0.538  1458.7
 490.0    0.44    0.42   34.85   27.98    14.0   0.540  1459.1
 510.0    0.45    0.42   34.86   27.99    13.5   0.543  1459.5
 530.0    0.45    0.42   34.86   27.99    13.2   0.546  1459.8
 550.0    0.45    0.42   34.87   28.00    12.9   0.549  1460.2
 570.0    0.42    0.40   34.87   28.00    12.6   0.551  1460.4
 590.0    0.40    0.38   34.87   28.00    12.2   0.554  1460.6
 610.0    0.38    0.35   34.88   28.01    11.8   0.556  1460.9
 630.0    0.36    0.33   34.88   28.01    11.6   0.558  1461.1
 650.0    0.32    0.30   34.88   28.01    11.3   0.561  1461.3
 670.0    0.30    0.27   34.88   28.02    10.9   0.563  1461.5
 690.0    0.28    0.24   34.88   28.02    10.7   0.565  1461.7
 710.0    0.25    0.22   34.88   28.02    10.5   0.567  1461.9
 730.0    0.22    0.19   34.88   28.02    10.3   0.569  1462.1
 731.4    0.21    0.18   34.88   28.02    10.2   0.570  1462.1

                        DEPTH      TEMP.      SALIN

          BOT NUM = 1     4.6      -1.67      30.46
          BOT NUM = 2    40.3                 30.48
          BOT NUM = 3   250.4      -0.78      34.21
          BOT NUM = 4   500.0       0.45      34.85
          BOT NUM = 5   731.4       0.22      34.88
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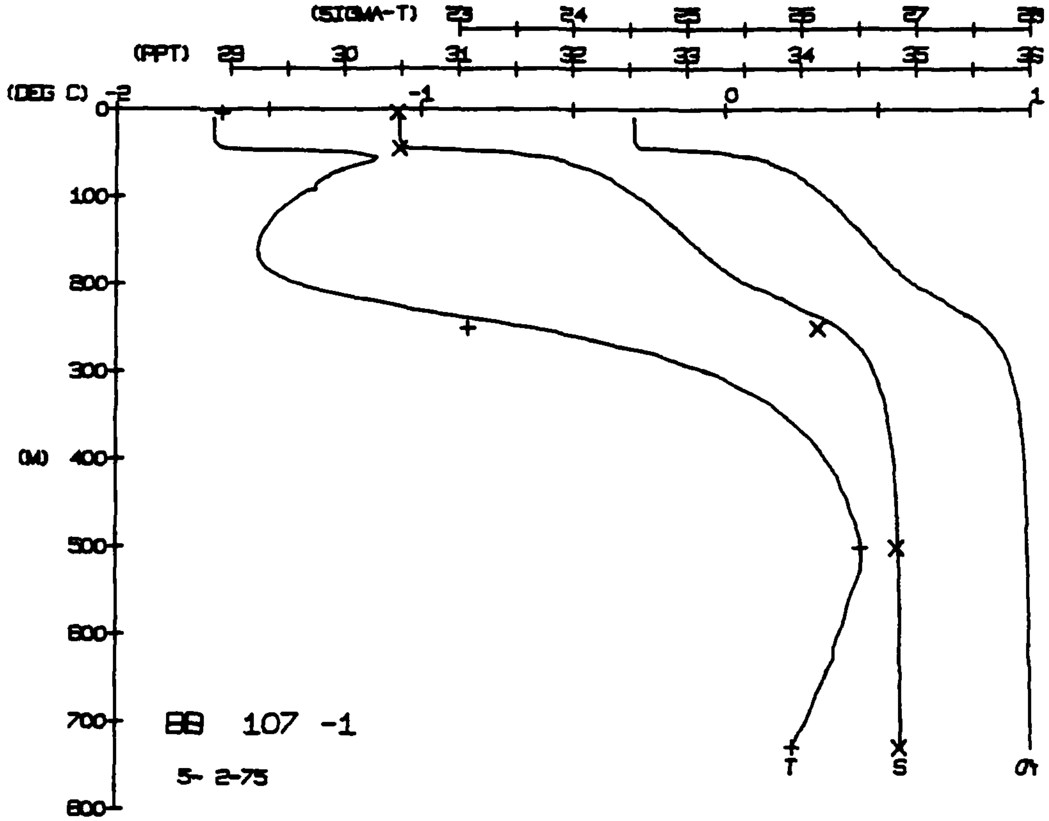
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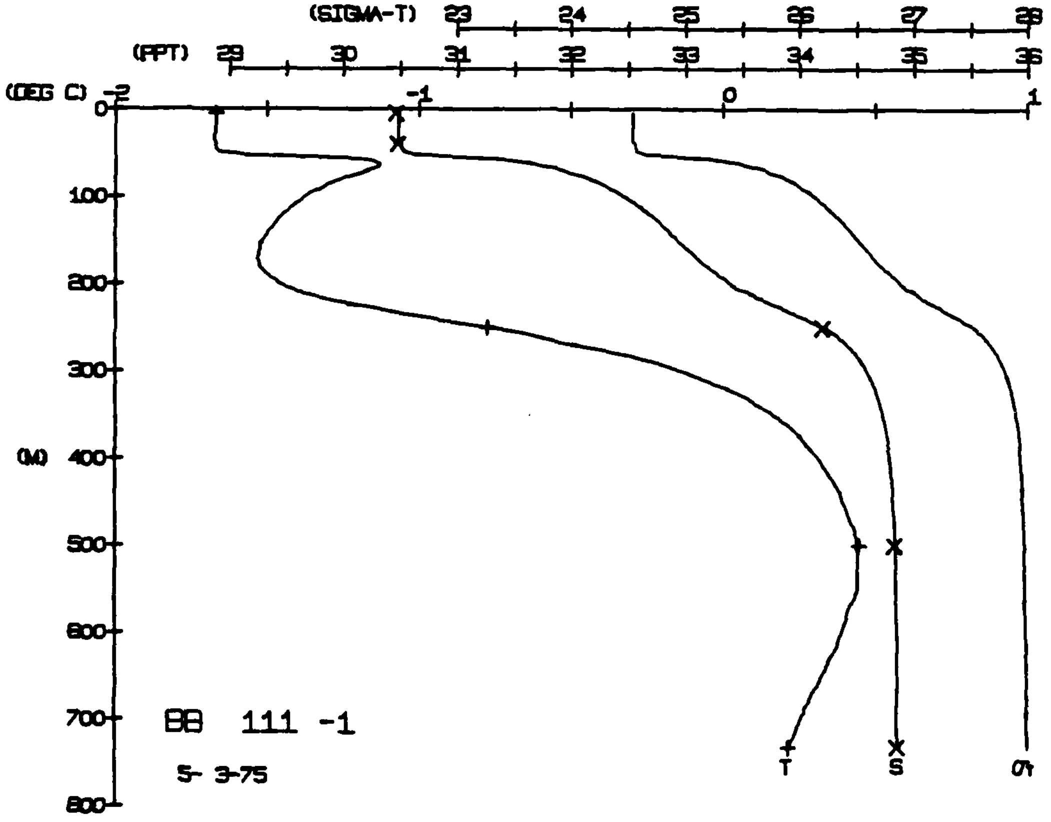
(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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100
200
300
(M) 400
500
600
700
800
BB 111 -1
5- 3-75
T
S
σt

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BIG BEAR STATION 115(1) STD   4/MAY/1975  437 GMT  CODE = 2
LAT = 76.4296N LNG = 144.0466W LTER =      1, LGER =     2,
AIR TEMP = -18.0 BARUM = 1022.0 WIND =  53.7 SPEED =  42.3

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.65   -1.65   30.46   24.52   342.3   0.000  1435.2
   5.0   -1.65   -1.65   30.46   24.52   342.3   0.017  1435.3
   7.4   -1.65   -1.65   30.46   24.52   342.2   0.026  1435.3
  10.0   -1.64   -1.65   30.46   24.52   342.2   0.034  1435.3
  15.0   -1.64   -1.65   30.46   24.52   342.1   0.052  1435.4
  20.0   -1.64   -1.65   30.46   24.52   342.0   0.069  1435.5
  25.0   -1.64   -1.65   30.46   24.52   341.9   0.086  1435.6
  30.0   -1.64   -1.65   30.47   24.53   341.3   0.103  1435.7
  35.0   -1.64   -1.65   30.49   24.54   340.2   0.120  1435.8
  40.0   -1.64   -1.65   30.49   24.54   339.8   0.138  1435.9
  45.0   -1.64   -1.65   30.49   24.55   339.4   0.155  1436.0
  50.0   -1.61   -1.61   30.52   24.56   337.6   0.172  1436.2
  55.0   -1.21   -1.21   31.27   25.17   280.2   0.187  1439.3
  60.0   -1.10   -1.10   31.65   25.47   251.8   0.201  1440.4
  65.0   -1.08   -1.08   31.81   25.60   238.9   0.213  1440.8
  70.0   -1.13   -1.13   31.99   25.74   225.5   0.225  1440.9
  80.0   -1.22   -1.22   32.17   25.89   211.3   0.247  1440.9
  90.0   -1.29   -1.29   32.31   26.01   200.3   0.268  1440.9
 100.0   -1.35   -1.35   32.45   26.12   189.5   0.287  1441.0
 110.0   -1.38   -1.39   32.50   26.21   179.3   0.306  1441.2
 120.0   -1.42   -1.42   32.68   26.31   171.0   0.323  1441.3
 130.0   -1.45   -1.45   32.78   26.40   163.1   0.340  1441.5
 140.0   -1.46   -1.47   32.89   26.48   154.5   0.356  1441.8
 150.0   -1.48   -1.48   32.99   26.56   147.3   0.372  1442.0
 160.0   -1.49   -1.49   33.08   26.63   140.2   0.386  1442.2
 170.0   -1.48   -1.49   33.19   26.72   131.7   0.400  1442.6
 180.0   -1.47   -1.47   33.32   26.83   121.8   0.413  1443.0
 190.0   -1.42   -1.42   33.43   26.91   113.7   0.424  1443.6
 200.0   -1.33   -1.34   33.59   27.04   101.6   0.435  1444.3
 210.0   -1.18   -1.19   33.80   27.21    85.8   0.445  1445.5
 220.0   -0.99   -1.00   34.00   27.36    71.3   0.453  1446.9
 230.0   -0.82   -0.82   34.16   27.49    59.6   0.459  1448.1
 240.0   -0.63   -0.63   34.31   27.60    49.1   0.465  1449.3
 250.0   -0.49   -0.50   34.39   27.66    43.4   0.470  1450.2
 260.0   -0.39   -0.40   34.46   27.71    38.9   0.474  1451.0
 270.0   -0.27   -0.28   34.53   27.76    34.2   0.477  1451.8
 280.0   -0.15   -0.16   34.58   27.79    31.2   0.481  1452.6
 290.0   -0.06   -0.07   34.62   27.83    28.2   0.484  1453.2
 300.0    0.02    0.00   34.66   27.85    25.8   0.486  1453.8
 310.0    0.08    0.06   34.69   27.87    24.0   0.489  1454.2
 320.0    0.12    0.11   34.71   27.89    22.6   0.491  1454.7
 330.0    0.17    0.16   34.73   27.90    21.5   0.493  1455.1
 340.0    0.22    0.20   34.75   27.91    20.3   0.496  1455.5
 350.0    0.25    0.24   34.77   27.92    19.3   0.498  1455.8
 370.0    0.31    0.29   34.79   27.94    18.0   0.501  1456.4
 390.0    0.36    0.34   34.81   27.95    16.8   0.505  1457.0
 410.0    0.40    0.38   34.82   27.96    16.2   0.508  1457.5
 430.0    0.42    0.40   34.83   27.97    15.5   0.511  1458.0
 450.0    0.45    0.43   34.84   27.97    14.8   0.514  1458.5
 470.0    0.47    0.45   34.85   27.98    14.6   0.517  1458.9
 490.0    0.48    0.45   34.85   27.98    14.1   0.520  1459.3
 510.0    0.48    0.45   34.86   27.99    13.8   0.523  1459.6
 530.0    0.46    0.44   34.86   27.99    13.5   0.526  1459.9
 550.0    0.45    0.42   34.86   27.99    13.2   0.529  1460.2
 570.0    0.43    0.40   34.87   28.00    12.7   0.531  1460.4
 590.0    0.41    0.38   34.87   28.00    12.5   0.534  1460.7
 610.0    0.39    0.36   34.88   28.00    12.0   0.536  1460.9
 630.0    0.36    0.33   34.88   28.01    11.8   0.539  1461.1
 650.0    0.34    0.31   34.88   28.01    11.6   0.541  1461.4
 670.0    0.33    0.30   34.88   28.01    11.5   0.543  1461.6
 690.0    0.31    0.28   34.88   28.01    11.4   0.546  1461.9
 710.0    0.28    0.25   34.88   28.01    11.0   0.548  1462.1

                        DEPTH      TEMP.      SALIN

     BOT NUM = 1          4.1      -1.66      30.44
     BOT NUM = 2         39.8                 30.47
     BOT NUM = 3        249.3      -0.66      34.28
     BOT NUM = 4        499.6       0.44      34.84
     BOT NUM = 5        728.0       0.22      34.87
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```
BIG BEAR STATION 117(1) STD   4/MAY/1975 1727 GMT  CODE = 2
LAT = 76.4246N LNG = 144.1412W LTER =      8, LGER =    25,
AIR TEMP = -20.6 BAROM = 1018.7 WIND =  51.9 SPEED =  51.9

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.62   -1.62   30.45   24.51   343.3   0.000  1435.3
  3.7   -1.62   -1.62   30.45   24.51   343.3   0.013  1435.3
  5.0   -1.62   -1.62   30.45   24.51   343.2   0.017  1435.4
 10.0   -1.62   -1.62   30.45   24.51   343.2   0.035  1435.4
 15.0   -1.62   -1.62   30.45   24.51   342.9   0.052  1435.5
 20.0   -1.62   -1.62   30.45   24.51   342.9   0.069  1435.6
 25.0   -1.62   -1.63   30.45   24.51   342.7   0.086  1435.7
 30.0   -1.62   -1.63   30.46   24.52   342.5   0.104  1435.8
 35.0   -1.63   -1.63   30.46   24.52   342.2   0.121  1435.8
 40.0   -1.63   -1.63   30.46   24.52   342.1   0.138  1435.9
 45.0   -1.63   -1.63   30.46   24.52   342.1   0.155  1436.0
 50.0   -1.63   -1.63   30.48   24.54   340.2   0.173  1436.1
 55.0   -1.55   -1.55   30.60   24.63   330.9   0.189  1436.8
 60.0   -1.18   -1.18   31.31   25.19   277.6   0.205  1439.6
 65.0   -1.10   -1.10   31.61   25.43   254.9   0.218  1440.4
 70.0   -1.10   -1.11   31.77   25.56   242.6   0.231  1440.7
 80.0   -1.20   -1.20   32.08   25.82   218.5   0.254  1440.9
 90.0   -1.27   -1.27   32.26   25.97   203.9   0.275  1441.0
100.0   -1.32   -1.33   32.42   26.09   191.9   0.295  1441.1
110.0   -1.37   -1.37   32.53   26.19   182.7   0.314  1441.2
120.0   -1.40   -1.40   32.64   26.28   174.1   0.332  1441.4
130.0   -1.43   -1.44   32.75   26.36   166.2   0.349  1441.5
140.0   -1.46   -1.46   32.85   26.45   157.8   0.366  1441.7
150.0   -1.48   -1.48   32.96   26.54   149.5   0.381  1441.9
160.0   -1.49   -1.49   33.05   26.61   142.2   0.396  1442.2
170.0   -1.49   -1.49   33.14   26.68   135.7   0.410  1442.5
180.0   -1.47   -1.47   33.24   26.76   127.8   0.423  1442.9
190.0   -1.42   -1.42   33.41   26.90   114.8   0.435  1443.5
200.0   -1.34   -1.35   33.56   27.02   103.9   0.446  1444.3
210.0   -1.22   -1.23   33.73   27.15    91.3   0.456  1445.2
220.0   -1.05   -1.05   33.94   27.32    75.6   0.465  1446.5
230.0   -0.84   -0.84   34.13   27.46    62.1   0.472  1447.9
240.0   -0.67   -0.68   34.27   27.57    52.4   0.477  1449.0
250.0   -0.50   -0.51   34.38   27.65    44.6   0.482  1450.2
260.0   -0.39   -0.40   34.44   27.70    40.2   0.487  1450.9
270.0   -0.26   -0.27   34.52   27.75    35.3   0.490  1451.8
280.0   -0.15   -0.16   34.57   27.79    31.9   0.494  1452.5
290.0   -0.06   -0.07   34.61   27.82    29.2   0.497  1453.2
300.0    0.01   -0.01   34.65   27.84    26.8   0.500  1453.7
310.0    0.07    0.06   34.68   27.86    25.0   0.502  1454.2
320.0    0.12    0.10   34.70   27.88    23.3   0.505  1454.6
330.0    0.16    0.15   34.72   27.90    21.8   0.507  1455.0
340.0    0.22    0.20   34.75   27.91    20.6   0.509  1455.5
350.0    0.25    0.23   34.76   27.92    19.5   0.511  1455.8
370.0    0.31    0.29   34.78   27.94    18.2   0.515  1456.4
390.0    0.35    0.34   34.80   27.95    17.0   0.519  1457.0
410.0    0.39    0.37   34.82   27.96    16.2   0.522  1457.5
430.0    0.42    0.40   34.83   27.96    15.7   0.525  1458.0
450.0    0.45    0.43   34.84   27.97    15.2   0.528  1458.4
470.0    0.46    0.44   34.85   27.98    14.6   0.531  1458.9
490.0    0.47    0.45   34.85   27.98    14.3   0.534  1459.3
510.0    0.47    0.45   34.86   27.99    13.9   0.537  1459.6
530.0    0.47    0.45   34.86   27.99    13.6   0.540  1459.9
550.0    0.45    0.43   34.87   27.99    13.1   0.542  1460.2
570.0    0.44    0.41   34.87   28.00    12.9   0.545  1460.5
590.0    0.42    0.39   34.87   28.00    12.6   0.548  1460.7
610.0    0.40    0.37   34.87   28.00    12.3   0.550  1460.9
630.0    0.37    0.34   34.87   28.00    12.1   0.553  1461.2
650.0    0.36    0.33   34.87   28.01    11.9   0.555  1461.4
670.0    0.33    0.30   34.88   28.01    11.6   0.557  1461.6
690.0    0.31    0.28   34.88   28.01    11.3   0.560  1461.9
710.0    0.28    0.25   34.88   28.01    11.1   0.562  1462.1
730.0    0.25    0.22   34.88   28.02    10.7   0.564  1462.3

                       DEPTH      TEMP.      SALIN

     BOT NUM = 1         4.6      -1.66      30.44
     BOT NUM = 2        30.3                 30.45
     BOT NUM = 3       250.4                 34.28
     BOT NUM = 4       499.8                 34.85
     BOT NUM = 5       730.1       0.23      34.88
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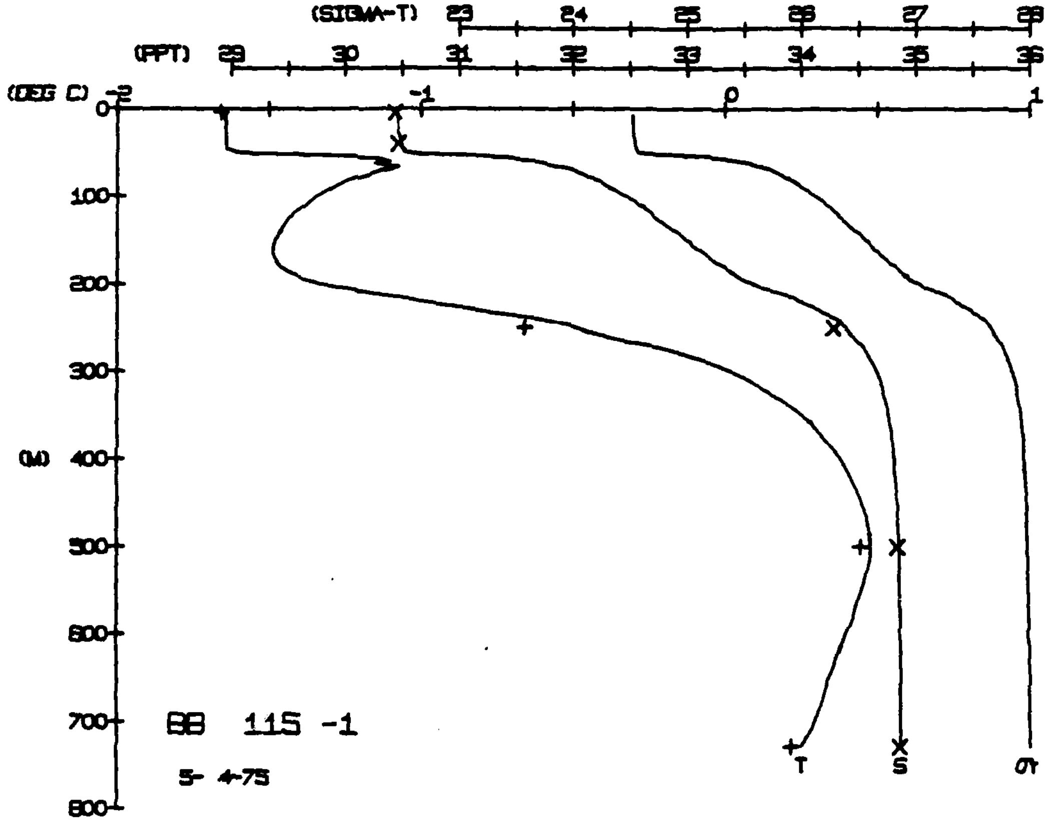
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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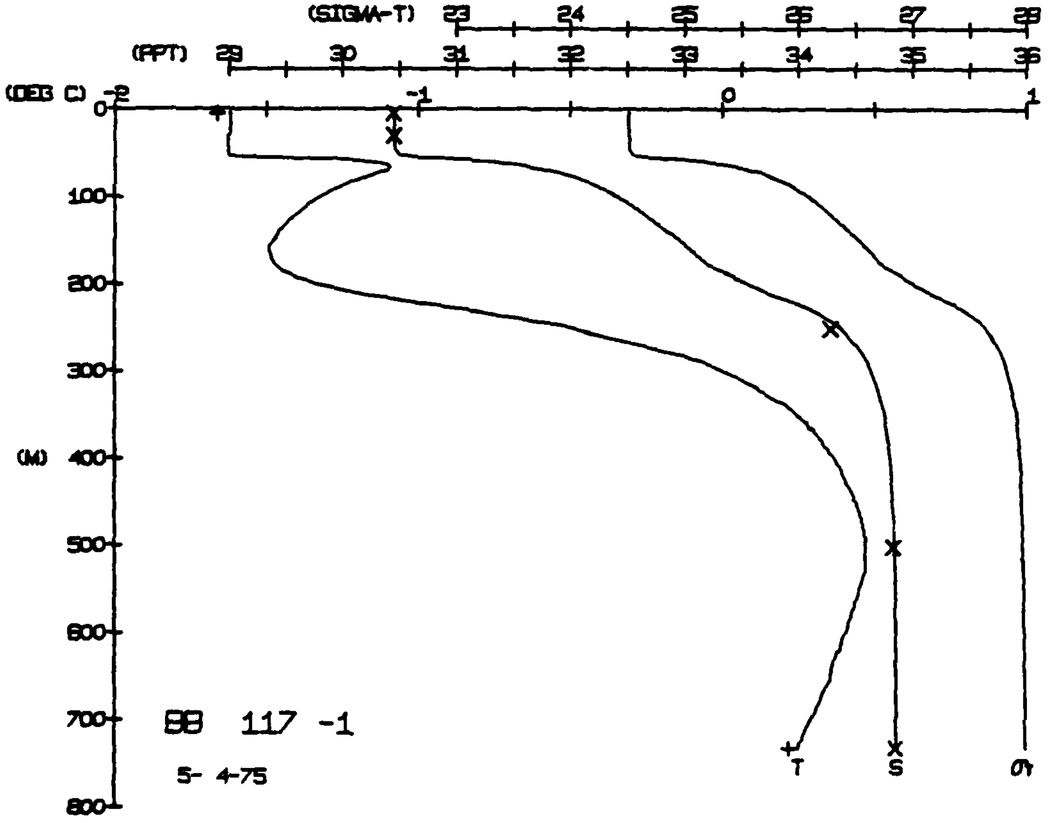
200
300
(M) 400
500
600
700
800
BB 115 -1
5- 4-75
T
S
σt


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 117 -1
5- 4-75
T
S
σt

```
BIG BEAR STATION 119(1) STD   5/MAY/1975  425 GMT  CODE = 2
LAT = 76.4256N LNG = 144.3166W LTER =     1. LGER =     2.
AIR TEMP = -20.6 BARON = 1015.3 WIND =  51.9 SPEED =  51.9

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

    0.0   -1.66   -1.66   30.45   24.51   343.5   0.000  1435.1
    4.6   -1.66   -1.66   30.45   24.51   343.5   0.016  1435.1
    5.0   -1.66   -1.66   30.45   24.51   343.5   0.017  1435.1
   10.0   -1.66   -1.66   30.45   24.51   343.4   0.035  1435.2
   15.0   -1.66   -1.66   30.45   24.51   343.2   0.052  1435.3
   20.0   -1.66   -1.66   30.45   24.51   343.1   0.069  1435.4
   25.0   -1.66   -1.66   30.45   24.51   343.0   0.086  1435.5
   30.0   -1.66   -1.66   30.45   24.51   342.8   0.104  1435.6
   35.0   -1.66   -1.66   30.46   24.52   342.1   0.121  1435.7
   40.0   -1.66   -1.66   30.47   24.52   341.5   0.138  1435.7
   45.0   -1.66   -1.66   30.47   24.53   341.2   0.155  1435.8
   50.0   -1.66   -1.66   30.47   24.53   341.1   0.173  1435.9
   55.0   -1.66   -1.66   30.49   24.54   339.7   0.190  1436.1
   60.0   -1.32   -1.32   30.97   24.93   303.3   0.206  1438.4
   65.0   -1.15   -1.15   31.47   25.33   264.8   0.220  1440.0
   70.0   -1.12   -1.12   31.71   25.52   247.0   0.233  1440.6
   80.0   -1.20   -1.20   32.03   25.78   221.8   0.257  1440.8
   90.0   -1.28   -1.28   32.21   25.93   207.5   0.278  1440.8
  100.0   -1.35   -1.35   32.38   26.07   194.5   0.299  1440.9
  110.0   -1.40   -1.40   32.50   26.17   184.8   0.318  1441.0
  120.0   -1.44   -1.44   32.62   26.26   175.6   0.336  1441.1
  130.0   -1.47   -1.47   32.73   26.35   167.5   0.353  1441.3
  140.0   -1.49   -1.49   32.82   26.42   160.3   0.370  1441.6
  150.0   -1.50   -1.51   32.92   26.51   152.3   0.386  1441.8
  160.0   -1.51   -1.52   33.02   26.58   145.0   0.401  1442.0
  170.0   -1.52   -1.52   33.10   26.65   138.3   0.415  1442.3
  180.0   -1.51   -1.51   33.19   26.73   131.3   0.428  1442.6
  190.0   -1.49   -1.49   33.30   26.82   122.9   0.441  1443.1
  200.0   -1.42   -1.43   33.45   26.94   111.4   0.453  1443.7
  210.0   -1.32   -1.32   33.64   27.08    97.8   0.464  1444.7
  220.0   -1.17   -1.17   33.81   27.22    84.8   0.473  1445.8
  230.0   -1.00   -1.01   34.01   27.37    70.2   0.481  1447.0
  240.0   -0.83   -0.84   34.18   27.49    59.5   0.487  1448.2
  250.0   -0.65   -0.66   34.29   27.59    50.4   0.493  1449.4
  260.0   -0.52   -0.53   34.39   27.66    43.5   0.498  1450.3
  270.0   -0.39   -0.40   34.48   27.72    37.7   0.502  1451.1
  280.0   -0.26   -0.27   34.53   27.76    33.9   0.505  1452.0
  290.0   -0.15   -0.16   34.59   27.80    30.4   0.509  1452.7
  300.0   -0.07   -0.08   34.63   27.83    27.9   0.511  1453.3
  310.0   -0.01   -0.02   34.66   27.85    26.0   0.514  1453.8
  320.0    0.05    0.03   34.68   27.87    24.1   0.517  1454.3
  330.0    0.10    0.09   34.71   27.89    22.6   0.519  1454.7
  340.0    0.16    0.14   34.73   27.90    21.4   0.521  1455.2
  350.0    0.20    0.18   34.75   27.91    20.3   0.523  1455.5
  370.0    0.26    0.24   34.78   27.93    18.6   0.527  1456.2
  390.0    0.31    0.29   34.79   27.94    17.4   0.531  1456.8
  410.0    0.35    0.33   34.81   27.96    16.3   0.534  1457.3
  430.0    0.38    0.36   34.82   27.96    15.8   0.538  1457.8
  450.0    0.39    0.37   34.83   27.97    15.3   0.541  1458.2
  470.0    0.41    0.39   34.84   27.98    14.7   0.544  1458.6
  490.0    0.43    0.40   34.85   27.98    14.2   0.547  1459.0
  510.0    0.44    0.41   34.86   27.99    13.8   0.550  1459.4
  530.0    0.44    0.41   34.86   27.99    13.4   0.552  1459.8
  550.0    0.43    0.40   34.86   27.99    13.1   0.555  1460.1
  570.0    0.40    0.38   34.87   28.00    12.8   0.558  1460.3
  590.0    0.38    0.36   34.87   28.00    12.4   0.560  1460.5
  610.0    0.37    0.34   34.87   28.00    12.1   0.563  1460.8
  630.0    0.35    0.32   34.88   28.01    11.7   0.565  1461.0
  650.0    0.32    0.29   34.88   28.01    11.6   0.567  1461.3
  670.0    0.29    0.26   34.88   28.01    11.1   0.570  1461.5
  690.0    0.27    0.24   34.88   28.01    11.0   0.572  1461.7
  710.0    0.25    0.21   34.88   28.02    10.7   0.574  1461.9
  730.0    0.22    0.18   34.88   28.02    10.5   0.576  1462.1

                        DEPTH      TEMP.      SALIN

     BOT NUM = 1          4.6      -1.66      30.44
     BOT NUM = 2         40.3                 30.47
     BOT NUM = 3        250.4      -0.66      34.28
     BOT NUM = 4        499.3       0.44
     BOT NUM = 5        730.4       0.23      34.89
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```
BIG BEAR STATION 121(1) STD   5/MAY/1975 1721 GMT  CODE = 2
LAT = 76.4252N LNG = 144.5522W LTER =     1. LGER =     1.
AIR TEMP = -10.3 BARON = 1013.6 WIND =  56.0 SPEED =  76.1

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

    0.0   -1.66   -1.66   30.45   24.51   343.0   0.000  1435.1
    5.0   -1.66   -1.66   30.45   24.51   343.0   0.017  1435.2
    5.2   -1.66   -1.66   30.45   24.51   343.0   0.018  1435.2
   10.0   -1.66   -1.66   30.45   24.51   342.9   0.035  1435.2
   15.0   -1.66   -1.66   30.45   24.51   342.8   0.052  1435.3
   20.0   -1.66   -1.66   30.45   24.51   342.8   0.069  1435.4
   25.0   -1.66   -1.66   30.45   24.51   342.7   0.086  1435.5
   30.0   -1.66   -1.66   30.45   24.51   342.8   0.104  1435.6
   35.0   -1.67   -1.67   30.45   24.51   342.7   0.121  1435.6
   40.0   -1.67   -1.67   30.46   24.52   342.3   0.138  1435.7
   45.0   -1.67   -1.67   30.46   24.52   341.7   0.155  1435.8
   50.0   -1.67   -1.67   30.70   24.71   323.7   0.172  1436.2
   55.0   -1.22   -1.22   31.29   25.18   278.7   0.187  1439.3
   60.0   -1.12   -1.12   31.66   25.48   250.8   0.201  1440.3
   65.0   -1.13   -1.13   31.82   25.61   238.3   0.213  1440.6
   70.0   -1.17   -1.17   31.95   25.71   228.2   0.225  1440.7
   80.0   -1.26   -1.26   32.17   25.90   210.7   0.247  1440.7
   90.0   -1.34   -1.34   32.37   26.06   195.6   0.267  1440.8
  100.0   -1.39   -1.39   32.51   26.17   184.6   0.286  1440.9
  110.0   -1.44   -1.44   32.63   26.27   174.9   0.305  1441.0
  120.0   -1.47   -1.47   32.75   26.37   166.0   0.322  1441.2
  130.0   -1.49   -1.49   32.84   26.44   158.4   0.338  1441.4
  140.0   -1.51   -1.51   32.93   26.51   151.9   0.354  1441.6
  150.0   -1.52   -1.52   33.01   26.58   145.7   0.369  1441.8
  160.0   -1.51   -1.51   33.11   26.66   137.6   0.383  1442.2
  170.0   -1.51   -1.51   33.21   26.74   130.0   0.397  1442.5
  180.0   -1.47   -1.48   33.36   26.86   118.5   0.409  1443.0
  190.0   -1.40   -1.40   33.52   26.99   106.9   0.420  1443.8
  200.0   -1.31   -1.31   33.66   27.10    96.0   0.431  1444.6
  210.0   -1.15   -1.16   33.85   27.25    82.1   0.440  1445.7
  220.0   -0.99   -0.99   34.03   27.39    68.9   0.447  1446.9
  230.0   -0.81   -0.82   34.20   27.52    56.4   0.454  1448.1
  240.0   -0.61   -0.62   34.34   27.62    46.9   0.459  1449.4
  250.0   -0.49   -0.50   34.42   27.69    41.2   0.463  1450.3
  260.0   -0.37   -0.38   34.49   27.74    36.4   0.467  1451.1
  270.0   -0.24   -0.25   34.55   27.78    32.4   0.471  1452.0
  280.0   -0.15   -0.16   34.60   27.81    29.2   0.474  1452.6
  290.0   -0.07   -0.08   34.64   27.84    26.7   0.477  1453.2
  300.0   -0.01   -0.02   34.67   27.86    24.8   0.479  1453.7
  310.0    0.05    0.04   34.70   27.88    23.4   0.482  1454.1
  320.0    0.10    0.09   34.72   27.89    22.0   0.484  1454.6
  330.0    0.15    0.14   34.74   27.91    20.8   0.486  1455.0
  340.0    0.20    0.18   34.75   27.92    19.8   0.488  1455.4
  350.0    0.23    0.21   34.77   27.93    18.9   0.490  1455.7
  370.0    0.29    0.27   34.79   27.94    17.6   0.494  1456.3
  390.0    0.33    0.32   34.81   27.95    16.6   0.497  1456.9
  410.0    0.36    0.34   34.82   27.96    15.8   0.501  1457.4
  430.0    0.39    0.37   34.83   27.97    15.3   0.504  1457.8
  450.0    0.42    0.40   34.84   27.98    14.5   0.507  1458.3
  470.0    0.44    0.42   34.85   27.98    14.2   0.510  1458.8
  490.0    0.45    0.43   34.86   27.99    13.8   0.512  1459.2
  510.0    0.45    0.42   34.86   27.99    13.3   0.515  1459.5
  530.0    0.44    0.42   34.87   27.99    13.2   0.518  1459.8
  550.0    0.42    0.40   34.87   28.00    12.8   0.520  1460.1
  570.0    0.40    0.38   34.87   28.00    12.4   0.523  1460.3
  590.0    0.39    0.36   34.87   28.00    12.2   0.525  1460.6
  610.0    0.37    0.35   34.88   28.01    11.9   0.528  1460.8
  630.0    0.35    0.32   34.88   28.01    11.6   0.530  1461.0
  650.0    0.33    0.30   34.88   28.01    11.6   0.533  1461.3
  670.0    0.31    0.28   34.88   28.01    11.3   0.535  1461.6
  690.0    0.28    0.25   34.88   28.02    10.9   0.537  1461.7
  710.0    0.25    0.22   34.88   28.02    10.6   0.539  1462.0
  730.0    0.22    0.19   34.88   28.02    10.5   0.542  1462.2

                        DEPTH      TEMP.      SALIN

     BOT NUM = 1          4.4      -1.65      30.45
     BOT NUM = 2         40.7                 30.46
     BOT NUM = 3        263.0      -0.47      34.43
     BOT NUM = 4        497.3       0.46      34.86
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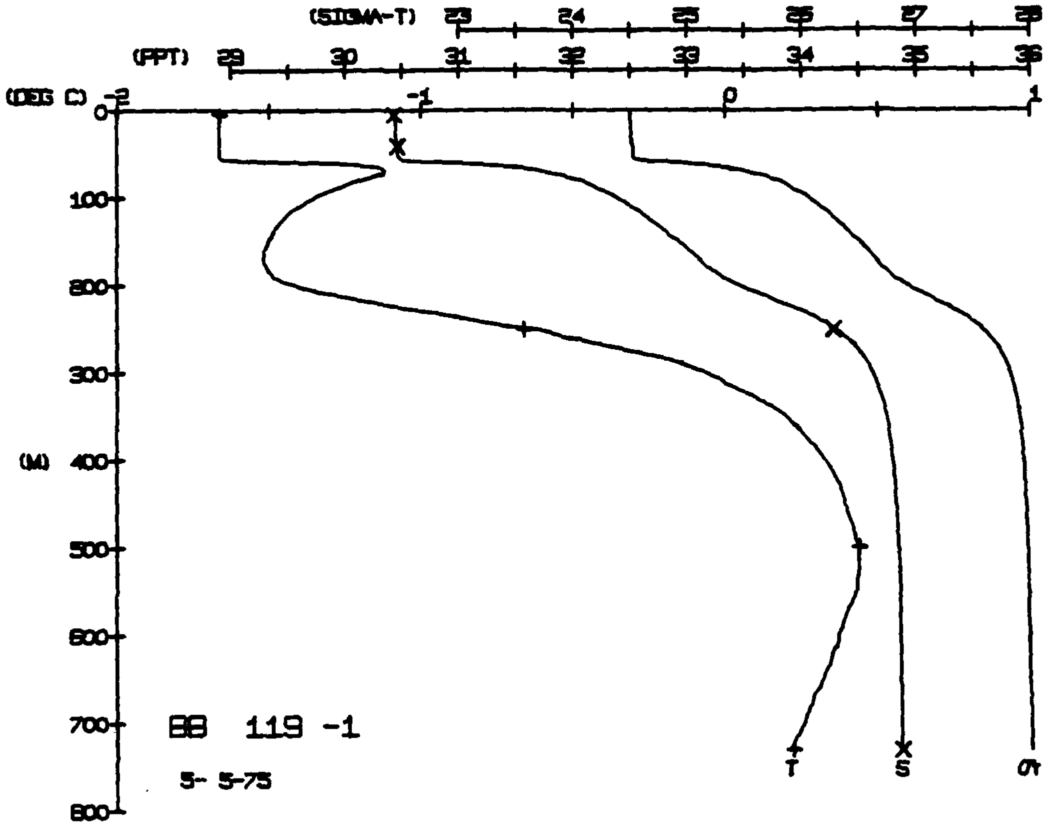
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(DEG C) -2 -1 0 1
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100
200
300
(M) 400
500
600
700
800
BB 119 -1
5- 5-75
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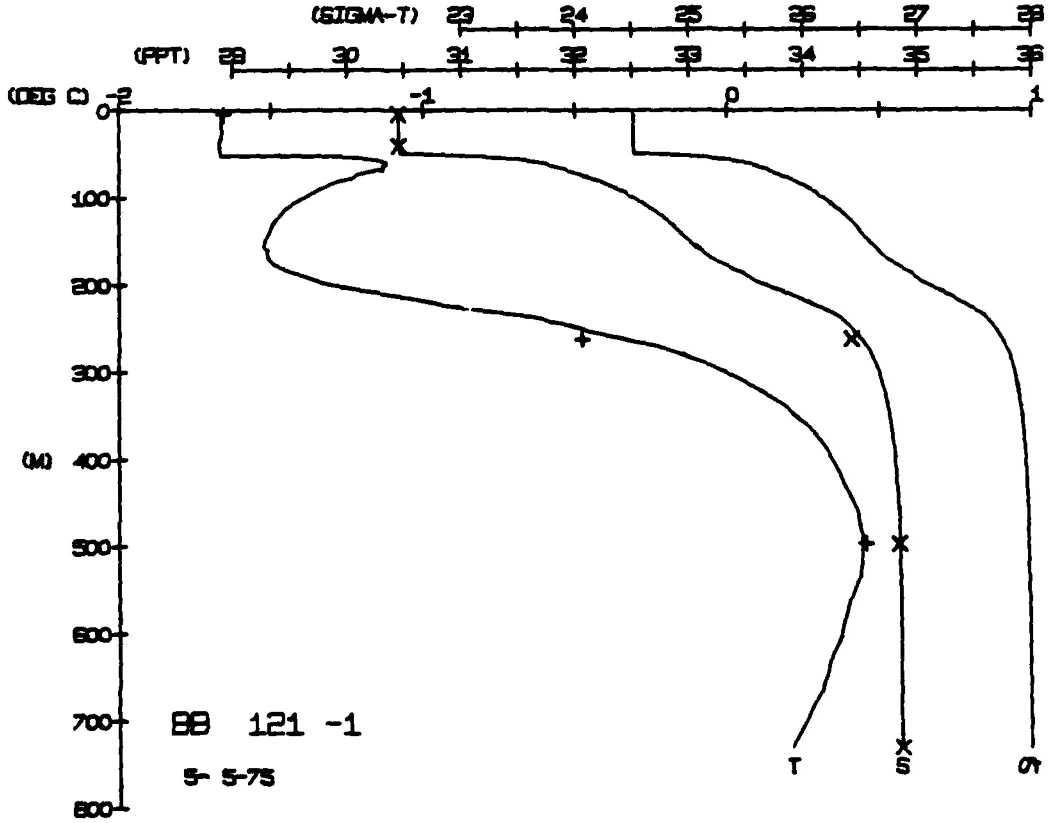
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 121 -1
5- 5-75
T
S
σt

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BIG BEAR STATION 123(1) STD   6/MAY/1975  407 GMT  CODE = 2
LAT = 76.4365N LNG = 144.7369W LTER =      1, LGER =     2,
AIR TEMP = -10.3 BAROM = 1013.6 WIND =  56.0 SPEED =  76.1

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0  -1.67   -1.67   30.45   24.51   343.1   0.000  1435.0
   5.0  -1.67   -1.67   30.45   24.51   343.1   0.017  1435.1
  10.0  -1.67   -1.67   30.45   24.51   343.0   0.035  1435.2
  11.9  -1.67   -1.67   30.45   24.51   343.0   0.041  1435.2
  15.0  -1.67   -1.67   30.45   24.51   342.9   0.052  1435.3
  20.0  -1.67   -1.67   30.45   24.51   342.9   0.069  1435.4
  25.0  -1.67   -1.67   30.45   24.51   342.8   0.086  1435.5
  30.0  -1.67   -1.67   30.45   24.51   342.6   0.104  1435.5
  35.0  -1.67   -1.67   30.45   24.51   342.5   0.121  1435.6
  40.0  -1.67   -1.67   30.46   24.52   342.3   0.138  1435.7
  45.0  -1.67   -1.67   30.46   24.52   342.0   0.155  1435.8
  50.0  -1.67   -1.67   30.46   24.52   341.7   0.173  1435.9
  55.0  -1.23   -1.23   30.95   24.91   305.0   0.189  1438.7
  60.0  -1.13   -1.14   31.55   25.39   259.4   0.203  1440.1
  65.0  -1.13   -1.13   31.77   25.57   241.9   0.216  1440.5
  70.0  -1.16   -1.16   31.91   25.68   231.4   0.228  1440.7
  80.0  -1.27   -1.27   32.10   25.83   216.7   0.250  1440.6
  90.0  -1.33   -1.33   32.29   25.99   202.0   0.271  1440.7
 100.0  -1.38   -1.38   32.41   26.10   190.9   0.291  1440.8
 110.0  -1.43   -1.43   32.56   26.21   180.6   0.310  1441.0
 120.0  -1.47   -1.47   32.70   26.33   169.5   0.328  1441.1
 130.0  -1.50   -1.50   32.82   26.42   160.5   0.344  1441.3
 140.0  -1.52   -1.52   32.92   26.51   152.4   0.360  1441.5
 150.0  -1.53   -1.53   33.02   26.59   144.9   0.375  1441.8
 160.0  -1.53   -1.53   33.10   26.65   138.4   0.389  1442.1
 170.0  -1.52   -1.52   33.20   26.73   130.9   0.403  1442.4
 180.0  -1.50   -1.50   33.31   26.82   122.2   0.416  1442.9
 190.0  -1.44   -1.45   33.44   26.92   112.7   0.427  1443.4
 200.0  -1.35   -1.36   33.61   27.06    99.6   0.438  1444.3
 210.0  -1.16   -1.17   33.85   27.24    82.4   0.447  1445.7
 220.0  -0.99   -0.99   34.02   27.38    69.8   0.455  1446.9
 230.0  -0.81   -0.81   34.18   27.50    58.2   0.461  1448.1
 240.0  -0.65   -0.65   34.33   27.61    47.8   0.467  1449.3
 250.0  -0.50   -0.50   34.42   27.69    41.1   0.471  1450.3
 260.0  -0.37   -0.38   34.49   27.74    36.4   0.475  1451.1
 270.0  -0.24   -0.25   34.55   27.78    32.6   0.479  1451.9
 280.0  -0.15   -0.16   34.59   27.81    30.1   0.482  1452.6
 290.0  -0.06   -0.07   34.63   27.83    27.7   0.485  1453.2
 300.0   0.01    0.00   34.67   27.86    25.4   0.487  1453.7
 310.0   0.06    0.05   34.69   27.88    23.7   0.490  1454.2
 320.0   0.11    0.10   34.71   27.89    22.4   0.492  1454.6
 330.0   0.16    0.15   34.73   27.90    21.2   0.494  1455.0
 340.0   0.20    0.19   34.75   27.91    20.1   0.497  1455.4
 350.0   0.24    0.22   34.77   27.93    19.1   0.499  1455.7
 370.0   0.29    0.27   34.79   27.94    17.8   0.502  1456.3
 390.0   0.33    0.31   34.81   27.95    16.8   0.506  1456.9
 410.0   0.37    0.35   34.82   27.96    16.0   0.509  1457.4
 430.0   0.40    0.38   34.83   27.96    15.7   0.512  1457.9
 450.0   0.42    0.40   34.84   27.97    14.8   0.515  1458.3
 470.0   0.44    0.42   34.85   27.98    14.3   0.518  1458.8
 490.0   0.45    0.43   34.85   27.98    14.0   0.521  1459.2
 510.0   0.45    0.43   34.86   27.99    13.6   0.524  1459.5
 530.0   0.45    0.43   34.86   27.99    13.3   0.527  1459.8
 550.0   0.43    0.40   34.87   28.00    12.9   0.529  1460.1
 570.0   0.41    0.38   34.87   28.00    12.5   0.532  1460.3
 590.0   0.39    0.37   34.87   28.00    12.5   0.534  1460.6
 610.0   0.38    0.35   34.87   28.00    12.1   0.537  1460.9
 630.0   0.35    0.32   34.88   28.01    11.8   0.539  1461.1
 650.0   0.33    0.30   34.88   28.01    11.6   0.542  1461.3
 670.0   0.30    0.27   34.88   28.01    11.3   0.544  1461.5
 690.0   0.27    0.24   34.88   28.01    11.1   0.546  1461.7
 710.0   0.24    0.21   34.88   28.02    10.7   0.548  1461.9
 728.5   0.22    0.18   34.88   28.02    10.4   0.550  1462.1

                          DEPTH      TEMP.      SALIN

      BUT NUM = 1           4.6     -1.65       30.45
      BUT NUM = 2          40.7                 30.44
      BUT NUM = 3         250.6     -0.65       34.29
      BUT NUM = 4         496.3      0.47
      BUT NUM = 5         727.8      0.22       34.89
```

```
BIG BEAR STATION 125(1) STD   6/MAY/1975 1719 GMT  CODE = 2
LAT = 76.4454N LNG = 144.9298W LTER =      1, LGER =     2,
AIR TEMP = -10.1 BAROM = 1013.5 WIND =  74.3 SPEED =  65.7

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0  -1.66   -1.66   30.46   24.52   342.6   0.000  1435.1
   5.0  -1.66   -1.66   30.46   24.52   342.6   0.017  1435.2
   9.7  -1.66   -1.66   30.46   24.52   342.5   0.033  1435.2
  10.0  -1.66   -1.66   30.46   24.52   342.5   0.034  1435.2
  15.0  -1.66   -1.66   30.46   24.52   342.4   0.052  1435.3
  20.0  -1.66   -1.66   30.46   24.52   342.4   0.069  1435.4
  25.0  -1.66   -1.66   30.46   24.52   342.3   0.086  1435.5
  30.0  -1.66   -1.66   30.46   24.52   342.2   0.103  1435.6
  35.0  -1.66   -1.66   30.46   24.52   342.0   0.121  1435.7
  40.0  -1.66   -1.66   30.46   24.52   341.9   0.138  1435.8
  45.0  -1.66   -1.66   30.46   24.52   341.9   0.155  1435.9
  50.0  -1.66   -1.66   30.46   24.52   341.8   0.172  1435.9
  55.0  -1.53   -1.54   31.04   24.99   297.4   0.188  1437.4
  60.0  -1.16   -1.17   31.60   25.43   254.9   0.202  1440.0
  65.0  -1.13   -1.13   31.87   25.65   234.6   0.215  1440.7
  70.0  -1.20   -1.20   31.98   25.74   226.2   0.226  1440.6
  80.0  -1.27   -1.27   32.20   25.92   208.5   0.248  1440.7
  90.0  -1.34   -1.34   32.37   26.06   195.6   0.269  1440.8
 100.0  -1.39   -1.39   32.49   26.15   186.4   0.288  1440.9
 110.0  -1.42   -1.43   32.60   26.24   177.6   0.306  1441.0
 120.0  -1.46   -1.46   32.72   26.34   168.2   0.324  1441.2
 130.0  -1.48   -1.49   32.82   26.43   160.1   0.340  1441.4
 140.0  -1.51   -1.51   32.94   26.52   151.2   0.356  1441.6
 150.0  -1.52   -1.52   33.02   26.59   144.6   0.371  1441.8
 160.0  -1.52   -1.52   33.12   26.67   137.0   0.385  1442.1
 170.0  -1.51   -1.52   33.20   26.74   130.5   0.399  1442.5
 180.0  -1.49   -1.50   33.32   26.83   121.8   0.411  1442.9
 190.0  -1.45   -1.45   33.46   26.94   111.4   0.423  1443.4
 200.0  -1.34   -1.35   33.63   27.08    97.9   0.434  1444.4
 210.0  -1.17   -1.18   33.86   27.25    81.5   0.443  1445.6
 220.0  -0.97   -0.98   34.07   27.42    66.0   0.450  1447.0
 230.0  -0.78   -0.79   34.22   27.53    55.3   0.456  1448.3
 240.0  -0.61   -0.62   34.35   27.63    46.3   0.461  1449.4
 250.0  -0.49   -0.50   34.44   27.69    40.3   0.466  1450.3
 260.0  -0.36   -0.37   34.50   27.74    36.0   0.470  1451.1
 270.0  -0.24   -0.25   34.56   27.78    32.3   0.473  1451.9
 280.0  -0.15   -0.16   34.60   27.81    29.6   0.476  1452.6
 290.0  -0.08   -0.09   34.63   27.84    27.3   0.479  1453.1
 300.0   0.00   -0.01   34.66   27.86    25.4   0.482  1453.7
 310.0   0.07    0.06   34.69   27.87    23.7   0.484  1454.2
 320.0   0.13    0.12   34.72   27.89    22.2   0.486  1454.7
 330.0   0.19    0.17   34.74   27.91    20.9   0.489  1455.1
 340.0   0.22    0.21   34.76   27.92    19.7   0.491  1455.5
 350.0   0.25    0.23   34.77   27.93    18.7   0.493  1455.8
 370.0   0.30    0.28   34.79   27.94    17.5   0.496  1456.4
 390.0   0.35    0.33   34.81   27.95    16.5   0.500  1457.0
 410.0   0.38    0.36   34.82   27.96    15.8   0.503  1457.5
 430.0   0.40    0.38   34.83   27.97    15.3   0.506  1457.9
 450.0   0.43    0.41   34.84   27.98    14.5   0.509  1458.4
 470.0   0.45    0.43   34.85   27.98    14.2   0.512  1458.8
 490.0   0.45    0.43   34.86   27.99    13.8   0.515  1459.2
 510.0   0.45    0.43   34.86   27.99    13.3   0.518  1459.5
 530.0   0.45    0.43   34.87   27.99    13.2   0.520  1459.9
 550.0   0.43    0.41   34.87   28.00    12.9   0.523  1460.1
 570.0   0.41    0.38   34.87   28.00    12.5   0.525  1460.3
 590.0   0.39    0.37   34.88   28.00    12.0   0.528  1460.6
 610.0   0.38    0.35   34.88   28.01    11.8   0.530  1460.9
 630.0   0.35    0.32   34.88   28.01    11.6   0.533  1461.1
 650.0   0.33    0.30   34.88   28.01    11.3   0.535  1461.3
 670.0   0.31    0.28   34.88   28.01    11.2   0.537  1461.5
 690.0   0.28    0.25   34.88   28.01    11.0   0.540  1461.8
 710.0   0.25    0.22   34.88   28.02    10.7   0.542  1461.9
 728.7   0.22    0.19   34.88   28.02    10.5   0.544  1462.1

                          DEPTH      TEMP.      SALIN

      BUT NUM = 1           4.4     -1.66       30.43
      BOT NUM = 2          40.3                 30.45
      BUT NUM = 3         250.4     -0.62       34.31
      BOT NUM = 4         495.4      0.45       34.85
      BUT NUM = 5         728.7      0.23       34.87
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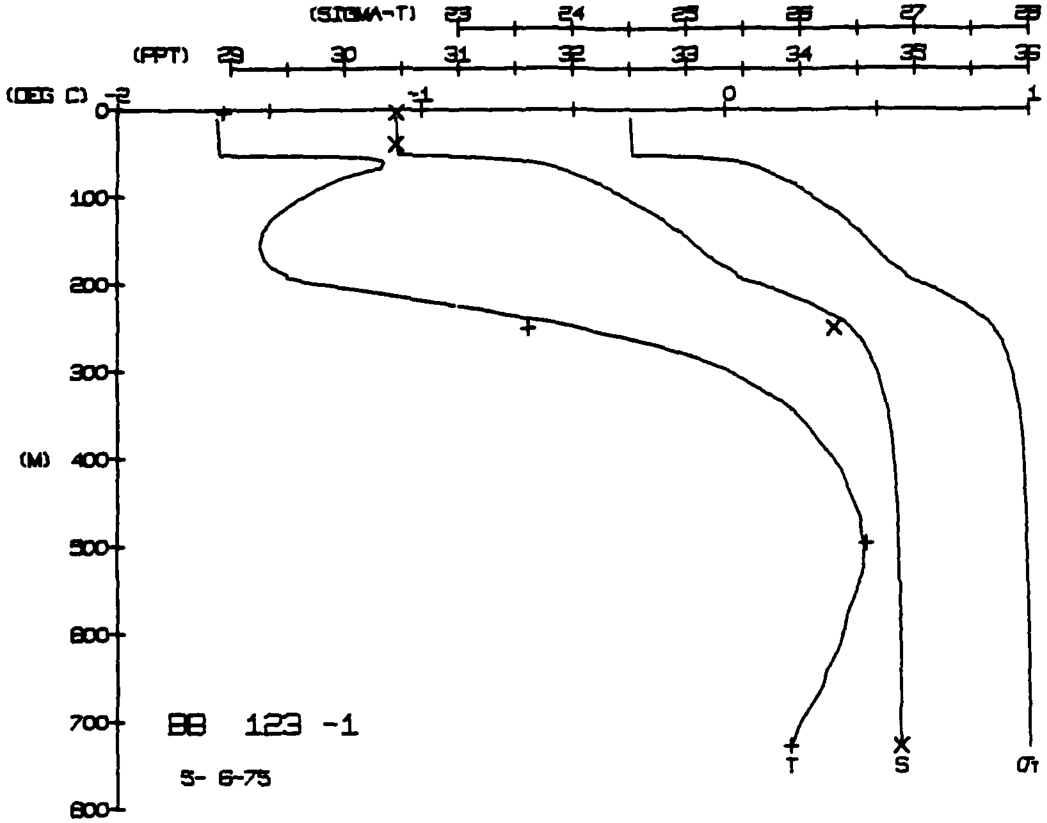
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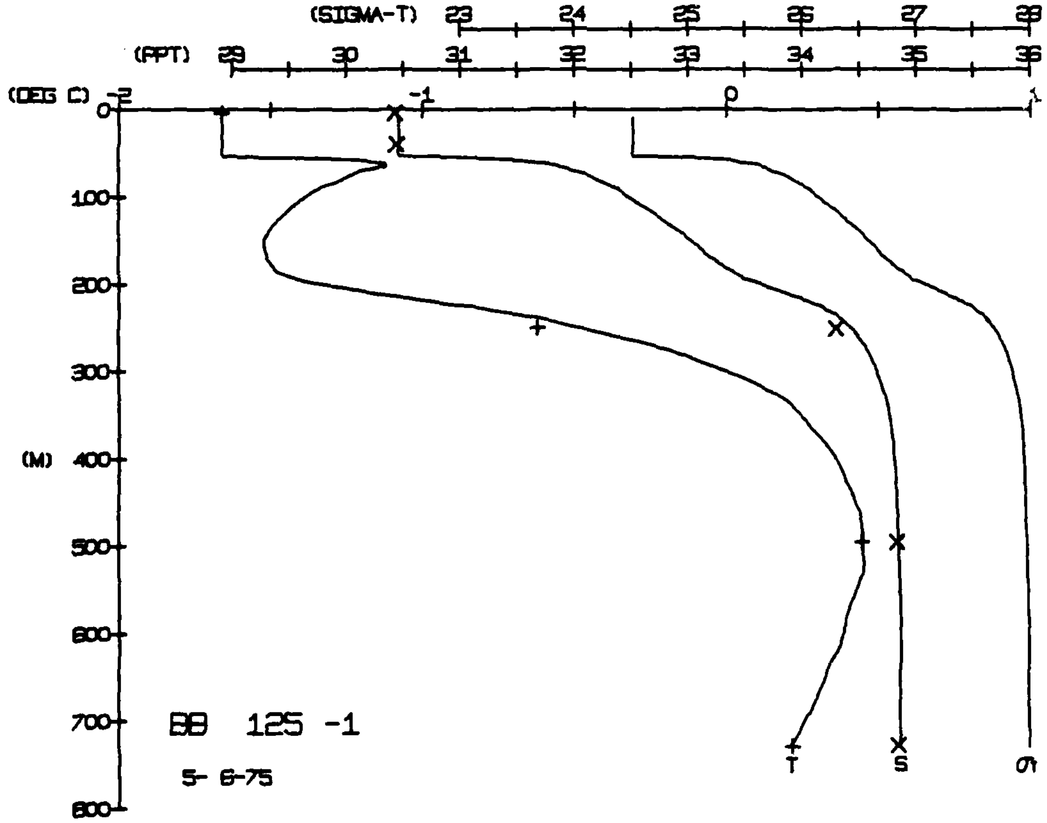
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M)
0
100
200
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400
500
600
700
800
BB 125 -1
5- 6-75
T
S
σT

```
BIG BEAR STATION 127(1) STD    7/MAY/1975  420 GMT   CODE = 2
LAT = 76.4586N LNG = 145.0594W LTER =       1, LGER =       1,
AIR TEMP = -10.1 BARUM = 1014.8 WIND =  74.3 SPEED =  65.7

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.68   -1.68   30.47   24.53   341.8   0.000  1435.0
   5.0   -1.68   -1.68   30.47   24.53   341.8   0.017  1435.1
   8.2   -1.68   -1.68   30.47   24.53   341.7   0.028  1435.2
  10.0   -1.68   -1.68   30.47   24.53   341.7   0.034  1435.2
  15.0   -1.67   -1.67   30.47   24.53   341.7   0.052  1435.3
  20.0   -1.67   -1.67   30.47   24.53   341.6   0.069  1435.4
  25.0   -1.67   -1.67   30.47   24.53   341.5   0.086  1435.5
  30.0   -1.67   -1.67   30.47   24.53   341.4   0.103  1435.5
  35.0   -1.67   -1.67   30.47   24.53   341.2   0.120  1435.6
  40.0   -1.67   -1.67   30.48   24.54   340.2   0.138  1435.7
  45.0   -1.67   -1.67   30.49   24.55   339.4   0.155  1435.8
  50.0   -1.67   -1.67   30.50   24.55   339.1   0.172  1435.9
  55.0   -1.64   -1.64   31.05   24.99   296.8   0.188  1436.9
  60.0   -1.17   -1.17   31.58   25.41   256.7   0.202  1440.0
  65.0   -1.13   -1.13   31.79   25.58   240.6   0.214  1440.5
  70.0   -1.16   -1.16   31.92   25.69   230.2   0.226  1440.7
  80.0   -1.28   -1.28   32.19   25.91   209.9   0.248  1440.6
  90.0   -1.34   -1.34   32.36   26.05   196.1   0.269  1440.8
 100.0   -1.38   -1.39   32.49   26.15   186.4   0.288  1440.9
 110.0   -1.42   -1.42   32.59   26.24   178.4   0.306  1441.0
 120.0   -1.46   -1.46   32.70   26.33   169.6   0.324  1441.2
 130.0   -1.49   -1.49   32.80   26.41   161.7   0.341  1441.3
 140.0   -1.51   -1.51   32.90   26.49   154.1   0.357  1441.6
 150.0   -1.52   -1.53   33.01   26.58   145.7   0.372  1441.8
 160.0   -1.53   -1.53   33.10   26.65   138.3   0.386  1442.1
 170.0   -1.52   -1.52   33.22   26.75   129.3   0.400  1442.5
 180.0   -1.49   -1.50   33.36   26.86   118.9   0.412  1442.9
 190.0   -1.43   -1.43   33.50   26.97   108.0   0.424  1443.6
 200.0   -1.32   -1.32   33.70   27.13    93.1   0.434  1444.6
 210.0   -1.17   -1.18   33.86   27.26    81.2   0.443  1445.6
 220.0   -1.05   -1.05   34.01   27.37    70.5   0.450  1446.6
 230.0   -0.90   -0.91   34.17   27.50    58.4   0.457  1447.7
 240.0   -0.71   -0.72   34.31   27.61    48.6   0.462  1448.9
 250.0   -0.51   -0.52   34.43   27.69    40.7   0.467  1450.2
 260.0   -0.38   -0.39   34.50   27.74    36.1   0.470  1451.0
 270.0   -0.28   -0.29   34.55   27.78    32.7   0.474  1451.7
 280.0   -0.18   -0.19   34.59   27.81    30.0   0.477  1452.4
 290.0   -0.09   -0.10   34.63   27.83    27.4   0.480  1453.1
 300.0   -0.01   -0.02   34.67   27.86    25.0   0.483  1453.7
 310.0    0.05    0.04   34.70   27.88    23.3   0.485  1454.1
 320.0    0.11    0.10   34.72   27.90    21.6   0.487  1454.6
 330.0    0.16    0.15   34.74   27.91    20.5   0.490  1455.0
 340.0    0.20    0.19   34.76   27.92    19.4   0.492  1455.4
 350.0    0.23    0.22   34.77   27.93    18.6   0.493  1455.7
 370.0    0.29    0.28   34.80   27.95    17.3   0.497  1456.4
 390.0    0.34    0.32   34.81   27.96    16.3   0.500  1456.9
 410.0    0.37    0.35   34.82   27.97    15.6   0.504  1457.4
 430.0    0.40    0.38   34.84   27.97    15.0   0.507  1457.9
 450.0    0.42    0.40   34.85   27.98    14.3   0.510  1458.4
 470.0    0.44    0.42   34.85   27.98    14.0   0.513  1458.8
 490.0    0.45    0.43   34.86   27.99    13.8   0.515  1459.2
 510.0    0.44    0.42   34.86   27.99    13.3   0.518  1459.5
 530.0    0.44    0.41   34.87   28.00    12.9   0.521  1459.8
 550.0    0.43    0.40   34.87   28.00    12.8   0.523  1460.1
 570.0    0.41    0.38   34.87   28.00    12.7   0.526  1460.3
 590.0    0.40    0.37   34.87   28.00    12.4   0.529  1460.6
 610.0    0.38    0.35   34.87   28.00    12.0   0.531  1460.9
 630.0    0.36    0.33   34.88   28.01    11.7   0.533  1461.1
 650.0    0.33    0.30   34.88   28.01    11.6   0.536  1461.3
 670.0    0.30    0.27   34.88   28.01    11.2   0.538  1461.5
 690.0    0.27    0.24   34.88   28.02    10.8   0.540  1461.7
 710.0    0.24    0.21   34.88   28.02    10.6   0.542  1461.9
 729.7    0.22    0.19   34.88   28.02    10.5   0.545  1462.1

                       DEPTH        TEMP.        SALIN

     BUT NUM = 1          4.1       -1.65        30.44
     BUT NUM = 2         40.5                    30.44
     BUT NUM = 3        499.1        0.45        34.84
     BUT NUM = 4        730.5        0.22        34.88
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BIG BEAR STATION 129(1) STD    7/MAY/1975 1709 GMT   CODE = 2
LAT = 76.4639N LNG = 145.1215W LTER =       9, LGER =      27,
AIR TEMP = -13.2 BARUM = 1019.0 WIND =  69.4 SPEED =  34.3

DEPTH     TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.68   -1.68   30.46   24.52   342.3   0.000  1435.0
   5.0   -1.68   -1.68   30.46   24.52   342.2   0.017  1435.1
   5.2   -1.68   -1.68   30.46   24.52   342.2   0.018  1435.1
  10.0   -1.68   -1.68   30.46   24.52   342.2   0.034  1435.2
  15.0   -1.68   -1.68   30.46   24.52   342.1   0.052  1435.3
  20.0   -1.68   -1.68   30.46   24.52   342.0   0.069  1435.3
  25.0   -1.68   -1.68   30.46   24.52   342.0   0.086  1435.4
  30.0   -1.68   -1.68   30.46   24.52   341.9   0.103  1435.5
  35.0   -1.68   -1.68   30.46   24.52   341.8   0.121  1435.6
  40.0   -1.68   -1.68   30.46   24.52   341.8   0.138  1435.7
  45.0   -1.68   -1.68   30.47   24.52   341.4   0.155  1435.8
  50.0   -1.68   -1.68   30.47   24.53   340.8   0.172  1435.9
  55.0   -1.68   -1.68   30.48   24.53   340.5   0.189  1435.9
  60.0   -1.67   -1.67   30.48   24.54   339.9   0.206  1436.1
  65.0   -1.25   -1.25   31.13   25.05   290.9   0.222  1439.1
  70.0   -1.13   -1.13   31.63   25.45   253.1   0.236  1440.4
  80.0   -1.22   -1.23   31.98   25.74   226.0   0.260  1440.6
  90.0   -1.30   -1.30   32.18   25.91   209.9   0.282  1440.7
 100.0   -1.36   -1.36   32.35   26.04   196.8   0.303  1440.8
 110.0   -1.41   -1.41   32.48   26.15   186.5   0.322  1441.0
 120.0   -1.45   -1.45   32.59   26.24   177.9   0.340  1441.1
 130.0   -1.48   -1.48   32.71   26.33   168.9   0.358  1441.3
 140.0   -1.50   -1.50   32.81   26.42   160.7   0.375  1441.5
 150.0   -1.52   -1.53   32.91   26.50   153.3   0.390  1441.7
 160.0   -1.53   -1.54   32.99   26.57   146.5   0.405  1441.9
 170.0   -1.54   -1.54   33.10   26.65   138.7   0.420  1442.2
 180.0   -1.53   -1.53   33.18   26.72   131.9   0.434  1442.5
 190.0   -1.50   -1.51   33.30   26.81   123.4   0.446  1443.0
 200.0   -1.45   -1.45   33.45   26.93   111.8   0.458  1443.6
 210.0   -1.34   -1.35   33.62   27.07    99.2   0.469  1444.5
 220.0   -1.18   -1.19   33.80   27.21    85.4   0.478  1445.7
 230.0   -1.03   -1.04   33.99   27.36    71.5   0.486  1446.8
 240.0   -0.84   -0.85   34.17   27.50    58.7   0.493  1448.1
 250.0   -0.66   -0.66   34.31   27.60    49.4   0.498  1449.3
 260.0   -0.50   -0.51   34.40   27.67    42.8   0.503  1450.4
 270.0   -0.41   -0.42   34.49   27.73    36.7   0.507  1451.0
 280.0   -0.27   -0.28   34.54   27.77    33.3   0.510  1452.0
 290.0   -0.18   -0.20   34.58   27.80    30.8   0.514  1452.6
 300.0   -0.10   -0.11   34.62   27.82    28.5   0.517  1453.2
 310.0   -0.03   -0.04   34.65   27.85    26.1   0.519  1453.7
 320.0    0.04    0.02   34.69   27.87    23.9   0.522  1454.2
 330.0    0.09    0.08   34.71   27.89    22.7   0.524  1454.7
 340.0    0.14    0.12   34.72   27.90    21.7   0.527  1455.1
 350.0    0.18    0.16   34.74   27.91    20.7   0.529  1455.4
 370.0    0.24    0.23   34.77   27.93    18.9   0.533  1456.1
 390.0    0.30    0.29   34.79   27.94    17.7   0.536  1456.7
 410.0    0.34    0.33   34.81   27.95    16.5   0.540  1457.3
 430.0    0.38    0.36   34.82   27.96    15.8   0.543  1457.8
 450.0    0.40    0.38   34.83   27.97    15.3   0.546  1458.2
 470.0    0.43    0.40   34.84   27.97    14.9   0.549  1458.7
 490.0    0.44    0.42   34.85   27.98    14.4   0.552  1459.1
 510.0    0.45    0.42   34.85   27.98    14.2   0.555  1459.5
 530.0    0.44    0.42   34.86   27.99    13.7   0.558  1459.8
 550.0    0.44    0.41   34.86   27.99    13.4   0.561  1460.1
 570.0    0.42    0.39   34.86   27.99    13.3   0.563  1460.4
 590.0    0.39    0.37   34.87   28.00    12.8   0.566  1460.6
 610.0    0.38    0.35   34.87   28.00    12.4   0.569  1460.8
 630.0    0.36    0.33   34.87   28.00    12.1   0.571  1461.1
 650.0    0.33    0.30   34.87   28.01    11.9   0.574  1461.3
 670.0    0.30    0.27   34.88   28.01    11.5   0.576  1461.5
 690.0    0.28    0.25   34.88   28.01    11.2   0.578  1461.7
 710.0    0.25    0.22   34.88   28.01    10.9   0.580  1461.9

                       DEPTH        TEMP.        SALIN

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     BUT NUM = 2         40.3                    30.45
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     BUT NUM = 5        729.5        0.23        34.87
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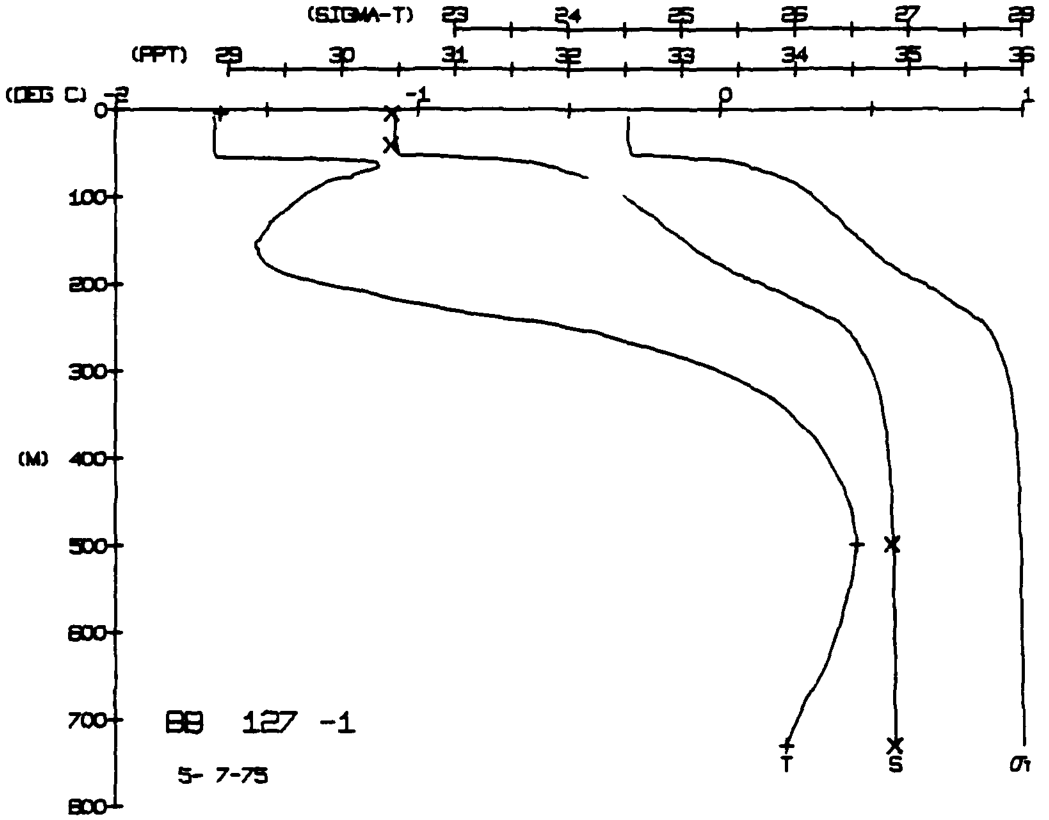
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(DEG C) -2 -1 0 1
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200
300
(M) 400
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600
700
800
BB 127 -1
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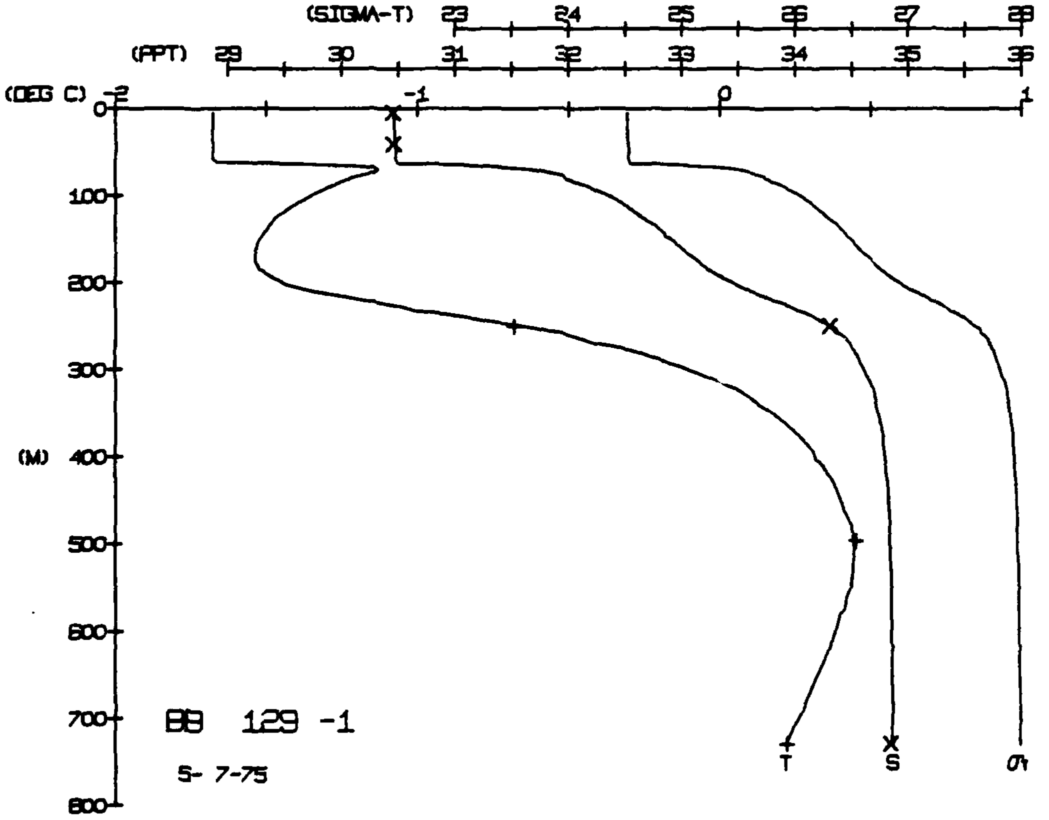
T
S
σT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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 129 -1
5- 7-75
T
S
σT

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BIG BEAR STATION 131(1) STD    8/MAY/1975  418 GMT  CODE = 2
LAT = 76.4671N LNG = 145.1570W LIER =      1, LGER =      2,
AIR TEMP = -13.2 BARUM = 1022.2 WIND =  69.4 SPEED =  34.3

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.66   -1.66   30.47   24.52   342.0   0.000  1435.1
  5.0   -1.66   -1.66   30.47   24.52   342.0   0.017  1435.2
  6.1   -1.66   -1.66   30.47   24.52   342.0   0.021  1435.2
 10.0   -1.66   -1.66   30.47   24.52   341.9   0.034  1435.3
 15.0   -1.66   -1.66   30.47   24.52   341.9   0.052  1435.3
 20.0   -1.66   -1.66   30.47   24.52   341.8   0.069  1435.4
 25.0   -1.66   -1.66   30.46   24.52   341.9   0.086  1435.5
 30.0   -1.66   -1.66   30.46   24.52   341.8   0.103  1435.6
 35.0   -1.66   -1.66   30.46   24.52   341.7   0.120  1435.7
 40.0   -1.66   -1.66   30.47   24.52   341.5   0.138  1435.7
 45.0   -1.66   -1.66   30.47   24.53   341.3   0.155  1435.8
 50.0   -1.66   -1.66   30.47   24.53   341.1   0.172  1435.9
 55.0   -1.66   -1.66   30.48   24.53   340.7   0.189  1436.0
 60.0   -1.66   -1.66   30.49   24.54   339.7   0.206  1436.1
 65.0   -1.25   -1.25   31.31   25.20   277.2   0.222  1439.3
 70.0   -1.12   -1.12   31.71   25.52   247.0   0.235  1440.6
 80.0   -1.19   -1.19   31.99   25.75   224.9   0.259  1440.8
 90.0   -1.28   -1.28   32.21   25.92   208.0   0.281  1440.8
100.0   -1.33   -1.33   32.36   26.05   195.9   0.301  1441.0
110.0   -1.38   -1.38   32.49   26.16   185.8   0.320  1441.1
120.0   -1.42   -1.43   32.61   26.26   176.3   0.339  1441.2
130.0   -1.45   -1.46   32.71   26.34   168.5   0.356  1441.4
140.0   -1.48   -1.48   32.80   26.41   161.4   0.373  1441.6
150.0   -1.50   -1.51   32.90   26.49   153.7   0.389  1441.8
160.0   -1.52   -1.52   33.00   26.57   146.2   0.404  1442.0
170.0   -1.52   -1.52   33.10   26.66   138.1   0.418  1442.3
180.0   -1.51   -1.51   33.22   26.75   129.2   0.432  1442.7
190.0   -1.48   -1.49   33.32   26.83   121.4   0.444  1443.1
200.0   -1.42   -1.43   33.48   26.96   109.2   0.456  1443.8
210.0   -1.33   -1.33   33.64   27.08    97.7   0.466  1444.6
220.0   -1.18   -1.18   33.86   27.26    81.4   0.475  1445.8
230.0   -1.03   -1.04   34.02   27.38    69.7   0.483  1446.8
240.0   -0.83   -0.84   34.20   27.52    56.7   0.489  1448.2
250.0   -0.63   -0.64   34.33   27.62    47.5   0.495  1449.5
260.0   -0.50   -0.51   34.42   27.68    41.3   0.499  1450.4
270.0   -0.40   -0.41   34.48   27.73    37.3   0.503  1451.1
280.0   -0.27   -0.28   34.54   27.77    33.4   0.507  1452.0
290.0   -0.15   -0.17   34.59   27.80    30.3   0.510  1452.7
300.0   -0.07   -0.08   34.63   27.83    27.5   0.513  1453.3
310.0    0.02    0.00   34.67   27.86    25.4   0.515  1453.9
320.0    0.08    0.07   34.69   27.88    23.6   0.518  1454.4
330.0    0.13    0.12   34.71   27.89    22.4   0.520  1454.9
340.0    0.18    0.16   34.73   27.90    21.3   0.522  1455.3
350.0    0.22    0.20   34.75   27.91    20.4   0.525  1455.6
370.0    0.28    0.26   34.77   27.93    18.8   0.528  1456.3
390.0    0.33    0.31   34.79   27.94    17.6   0.532  1456.9
410.0    0.37    0.35   34.81   27.95    16.7   0.536  1457.4
430.0    0.40    0.38   34.82   27.96    16.0   0.539  1457.9
450.0    0.42    0.40   34.83   27.97    15.5   0.542  1458.3
470.0    0.45    0.43   34.84   27.97    15.0   0.545  1458.8
490.0    0.46    0.44   34.85   27.98    14.4   0.548  1459.2
510.0    0.46    0.44   34.85   27.98    14.1   0.551  1459.5
530.0    0.46    0.44   34.86   27.99    13.8   0.554  1459.9
550.0    0.45    0.42   34.86   27.99    13.4   0.557  1460.2
570.0    0.42    0.40   34.86   27.99    13.2   0.559  1460.4
590.0    0.41    0.38   34.87   28.00    12.9   0.562  1460.7
610.0    0.39    0.36   34.87   28.00    12.5   0.564  1460.9
630.0    0.36    0.33   34.87   28.00    12.1   0.567  1461.1
650.0    0.33    0.31   34.87   28.00    12.1   0.569  1461.3
670.0    0.31    0.28   34.87   28.01    11.8   0.572  1461.5
690.0    0.28    0.25   34.88   28.01    11.3   0.574  1461.7
710.0    0.25    0.22   34.88   28.01    10.9   0.576  1461.9

                    DEPTH     TEMP.     SALIN

    BUT NUM = 1       4.6     -1.66     30.46
    BUT NUM = 2      40.3               30.44
    BUT NUM = 3     250.0     -0.66     34.29
    BUT NUM = 4     495.7      0.46     34.85
    BUT NUM = 5     728.2      0.23     34.87
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BIG BEAR STATION 133(1) STD    8/MAY/1975 1716 GMT  CODE = 2
LAT = 76.4685N LNG = 145.2049W LIER =      1, LGER =      2,
AIR TEMP =  -8.0 BARUM = 1024.4 WIND =  74.4 SPEED =  30.3

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.68   -1.68   30.47   24.53   341.8   0.000  1435.0
  5.0   -1.68   -1.68   30.47   24.53   341.7   0.017  1435.1
  5.3   -1.68   -1.68   30.47   24.53   341.7   0.018  1435.1
 10.0   -1.68   -1.68   30.47   24.53   341.7   0.034  1435.2
 15.0   -1.68   -1.68   30.47   24.53   341.6   0.052  1435.2
 20.0   -1.68   -1.68   30.47   24.53   341.6   0.069  1435.3
 25.0   -1.68   -1.68   30.47   24.53   341.5   0.086  1435.4
 30.0   -1.68   -1.68   30.47   24.53   341.5   0.103  1435.5
 35.0   -1.68   -1.68   30.47   24.53   341.4   0.120  1435.6
 40.0   -1.68   -1.68   30.47   24.53   341.4   0.138  1435.7
 45.0   -1.68   -1.68   30.47   24.53   341.3   0.155  1435.7
 50.0   -1.68   -1.68   30.47   24.53   341.1   0.172  1435.8
 55.0   -1.67   -1.67   30.48   24.53   340.6   0.189  1436.0
 60.0   -1.49   -1.49   30.80   24.79   315.9   0.206  1437.4
 65.0   -1.16   -1.16   31.48   25.34   264.1   0.220  1440.0
 70.0   -1.13   -1.14   31.72   25.53   246.0   0.233  1440.5
 80.0   -1.26   -1.26   32.02   25.77   222.9   0.257  1440.5
 90.0   -1.31   -1.31   32.23   25.95   206.0   0.278  1440.7
100.0   -1.37   -1.37   32.41   26.09   192.1   0.298  1440.9
110.0   -1.42   -1.42   32.52   26.18   183.3   0.317  1441.0
120.0   -1.45   -1.45   32.63   26.27   174.8   0.335  1441.1
130.0   -1.48   -1.49   32.74   26.36   166.2   0.353  1441.3
140.0   -1.51   -1.52   32.92   26.50   152.8   0.369  1441.6
150.0   -1.53   -1.54   33.00   26.57   146.3   0.384  1441.7
160.0   -1.54   -1.54   33.12   26.67   136.8   0.398  1442.1
170.0   -1.54   -1.54   33.24   26.76   127.9   0.411  1442.4
180.0   -1.53   -1.53   33.34   26.85   119.9   0.424  1442.8
190.0   -1.51   -1.51   33.49   26.97   108.3   0.436  1443.2
200.0   -1.43   -1.43   33.66   27.11    95.4   0.446  1444.0
210.0   -1.32   -1.33   33.86   27.26    80.9   0.455  1444.9
220.0   -1.15   -1.16   34.03   27.39    68.4   0.462  1446.1
230.0   -1.00   -1.00   34.20   27.53    55.7   0.469  1447.3
240.0   -0.81   -0.81   34.32   27.62    47.3   0.474  1448.5
250.0   -0.61   -0.62   34.42   27.69    40.9   0.478  1449.7
260.0   -0.50   -0.51   34.49   27.74    36.4   0.482  1450.5
270.0   -0.37   -0.38   34.55   27.78    32.5   0.486  1451.3
280.0   -0.26   -0.27   34.60   27.81    29.2   0.489  1452.1
290.0   -0.16   -0.17   34.64   27.84    26.6   0.491  1452.8
300.0   -0.06   -0.07   34.67   27.86    24.6   0.494  1453.4
310.0    0.01    0.00   34.69   27.88    23.2   0.496  1454.0
320.0    0.07    0.06   34.71   27.89    22.0   0.499  1454.4
330.0    0.12    0.11   34.73   27.90    21.0   0.501  1454.8
340.0    0.17    0.16   34.75   27.92    20.0   0.503  1455.3
350.0    0.22    0.20   34.76   27.92    19.2   0.505  1455.7
370.0    0.28    0.26   34.79   27.94    17.9   0.509  1456.3
390.0    0.32    0.30   34.80   27.95    16.9   0.512  1456.8
410.0    0.36    0.34   34.82   27.96    16.1   0.516  1457.4
430.0    0.39    0.38   34.82   27.96    15.8   0.519  1457.9
450.0    0.41    0.39   34.84   27.97    15.0   0.522  1458.3
470.0    0.43    0.41   34.85   27.98    14.5   0.525  1458.7
490.0    0.45    0.43   34.85   27.98    14.3   0.528  1459.1
510.0    0.45    0.42   34.86   27.99    13.8   0.531  1459.5
530.0    0.44    0.42   34.86   27.99    13.5   0.533  1459.8
550.0    0.42    0.40   34.86   27.99    13.3   0.536  1460.1
570.0    0.39    0.37   34.86   28.00    12.9   0.539  1460.2
590.0    0.37    0.35   34.87   28.00    12.6   0.541  1460.5
610.0    0.35    0.32   34.87   28.00    12.3   0.544  1460.7
630.0    0.32    0.30   34.87   28.00    12.0   0.546  1460.9
650.0    0.30    0.27   34.87   28.01    11.7   0.549  1461.2
670.0    0.29    0.26   34.87   28.01    11.6   0.551  1461.4
690.0    0.27    0.24   34.87   28.01    11.3   0.553  1461.7
710.0    0.24    0.21   34.88   28.01    11.0   0.556  1461.9
726.0    0.22    0.18   34.88   28.02    10.8   0.557  1462.1

                    DEPTH     TEMP.     SALIN

    BUT NUM = 1       4.6     -1.66     30.45
    BUT NUM = 2     250.4               34.28
    BUT NUM = 3     500.2               34.85
    BUT NUM = 4     730.5               34.87
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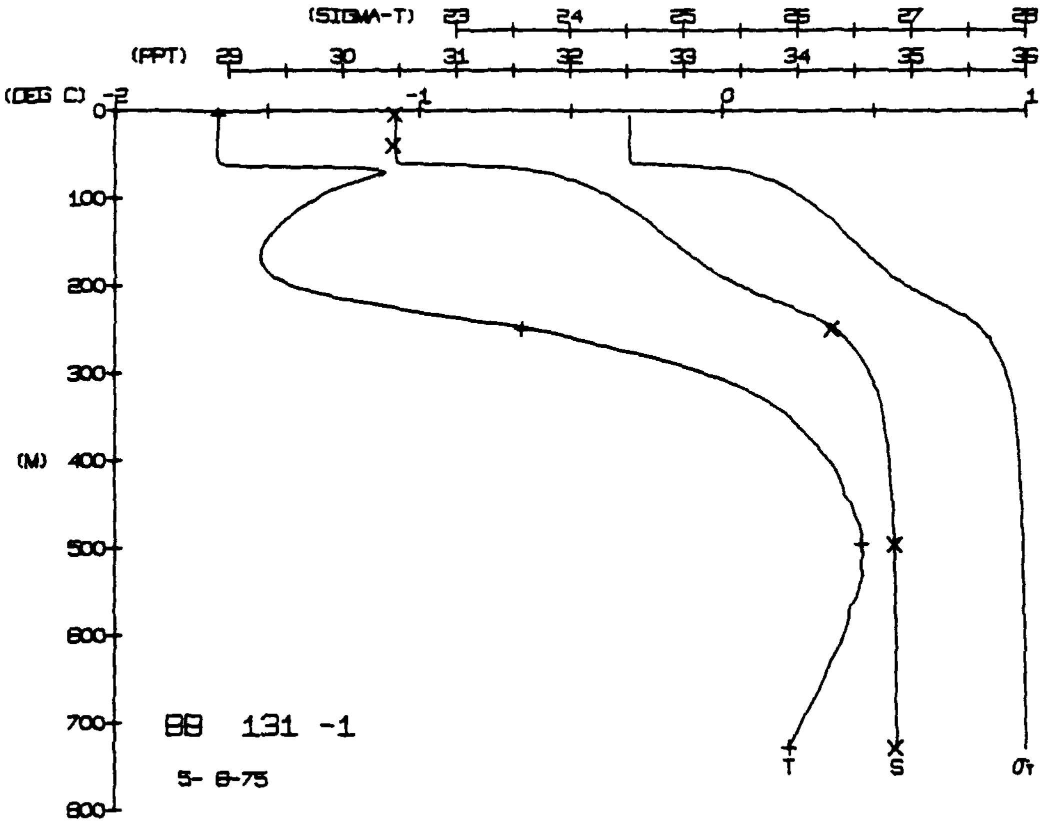
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(PPT) 29 30 31 32 33 34 35 36
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(M) 0 100 200 300 400 500 600 700 800
BB 131 -1
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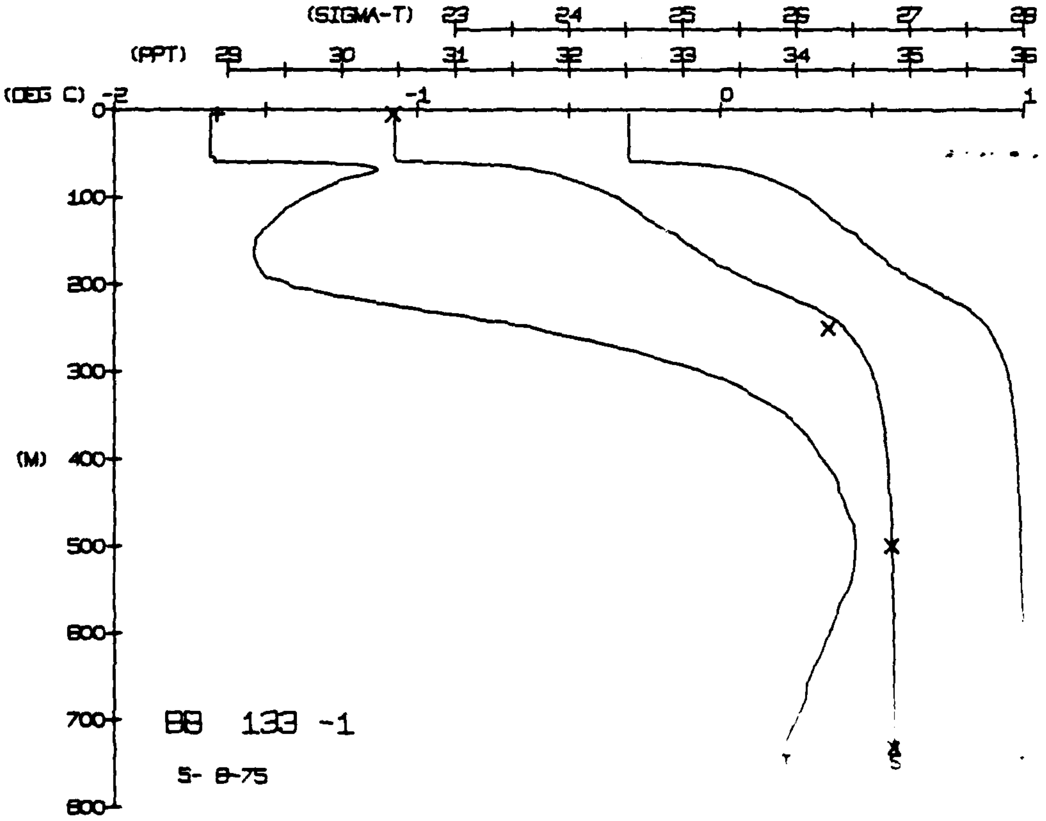
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S

AD-A118 205 LAMONT-DOHERTY GEOLOGICAL OBSERVATORY PALISADES NY F/G 8/10
ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976. PHYSICAL OCEANO--ETC(U)
FEB 80 E BAUER, K HUNKINS, T O MANLEY N00014-76-C-0004
UNCLASSIFIED LDGO-CU-11-80 NL

3 OF 5
AD A
118205

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BIG BEAR STATION 135(1) STD    9/MAY/1975  417 GMT  CODE = 2
LAT = 76.4797N LNG = 145.2393W LTER =       1, LGER =       2,
AIR TEMP =  -8.0 BAROM = 1026.1 WIND =  74.4 SPEED =  30.3

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.66   -1.65   30.47   24.53   341.7   0.000  1435.1
   5.0   -1.66   -1.66   30.47   24.53   341.7   0.017  1435.2
   5.7   -1.66   -1.66   30.47   24.53   341.7   0.020  1435.2
  10.0   -1.66   -1.66   30.47   24.53   341.8   0.034  1435.3
  15.0   -1.66   -1.66   30.47   24.53   341.7   0.052  1435.3
  20.0   -1.67   -1.67   30.47   24.53   341.6   0.069  1435.4
  25.0   -1.67   -1.67   30.47   24.53   341.5   0.086  1435.5
  30.0   -1.67   -1.67   30.47   24.53   341.3   0.103  1435.6
  35.0   -1.66   -1.66   30.47   24.53   341.3   0.120  1435.7
  40.0   -1.66   -1.66   30.47   24.53   341.2   0.138  1435.8
  45.0   -1.67   -1.67   30.47   24.53   341.2   0.155  1435.8
  50.0   -1.67   -1.67   30.47   24.53   340.8   0.172  1435.9
  55.0   -1.66   -1.66   30.48   24.53   340.5   0.189  1436.0
  60.0   -1.64   -1.64   30.55   24.59   335.2   0.206  1436.3
  65.0   -1.21   -1.21   31.23   25.13   283.4   0.222  1439.4
  70.0   -1.13   -1.13   31.60   25.43   254.9   0.235  1440.4
  80.0   -1.19   -1.19   31.98   25.72   227.4   0.260  1440.8
  90.0   -1.26   -1.27   32.15   25.88   212.8   0.282  1440.8
 100.0   -1.33   -1.33   32.34   26.03   197.8   0.302  1440.9
 110.0   -1.39   -1.39   32.49   26.15   186.3   0.322  1441.1
 120.0   -1.43   -1.43   32.60   26.24   177.7   0.340  1441.2
 130.0   -1.45   -1.45   32.71   26.33   169.1   0.358  1441.4
 140.0   -1.47   -1.48   32.81   26.42   161.0   0.374  1441.6
 150.0   -1.50   -1.50   32.90   26.49   153.6   0.390  1441.8
 160.0   -1.52   -1.52   33.00   26.57   146.1   0.405  1442.0
 170.0   -1.52   -1.52   33.10   26.65   138.7   0.420  1442.3
 180.0   -1.51   -1.51   33.20   26.73   130.8   0.433  1442.6
 190.0   -1.48   -1.48   33.32   26.83   121.9   0.446  1443.1
 200.0   -1.43   -1.43   33.46   26.94   111.2   0.458  1443.7
 210.0   -1.33   -1.33   33.62   27.07    98.8   0.468  1444.6
 220.0   -1.18   -1.19   33.81   27.22    84.9   0.478  1445.7
 230.0   -1.02   -1.02   34.00   27.36    71.3   0.486  1446.9
 240.0   -0.83   -0.84   34.19   27.51    57.6   0.492  1448.2
 250.0   -0.64   -0.65   34.32   27.61    49.0   0.497  1449.5
 260.0   -0.48   -0.49   34.43   27.69    41.0   0.502  1450.5
 270.0   -0.37   -0.37   34.49   27.73    36.7   0.506  1451.3
 280.0   -0.26   -0.27   34.54   27.77    33.4   0.509  1452.0
 290.0   -0.16   -0.17   34.58   27.80    30.8   0.513  1452.7
 300.0   -0.07   -0.08   34.62   27.82    28.4   0.516  1453.3
 310.0   -0.01   -0.02   34.65   27.85    26.3   0.518  1453.8
 320.0    0.05    0.03   34.67   27.86    25.0   0.521  1454.2
 330.0    0.09    0.08   34.70   27.88    23.5   0.523  1454.7
 340.0    0.14    0.13   34.72   27.89    22.2   0.526  1455.1
 350.0    0.19    0.17   34.73   27.90    21.2   0.528  1455.5
 370.0    0.27    0.25   34.77   27.92    19.4   0.532  1456.2
 390.0    0.33    0.31   34.79   27.94    18.0   0.536  1456.8
 410.0    0.36    0.34   34.81   27.95    16.9   0.539  1457.4
 430.0    0.40    0.38   34.82   27.96    16.2   0.543  1457.9
 450.0    0.42    0.40   34.83   27.97    15.7   0.546  1458.3
 470.0    0.45    0.43   34.84   27.97    15.0   0.549  1458.8
 490.0    0.46    0.44   34.85   27.98    14.7   0.552  1459.2
 510.0    0.47    0.45   34.85   27.98    14.3   0.555  1459.6
 530.0    0.47    0.44   34.86   27.99    13.8   0.558  1459.9
 550.0    0.46    0.43   34.86   27.99    13.6   0.560  1460.2
 570.0    0.44    0.41   34.86   27.99    13.3   0.563  1460.4
 590.0    0.41    0.39   34.86   27.99    13.0   0.566  1460.7
 610.0    0.39    0.36   34.87   28.00    12.6   0.568  1460.9
 630.0    0.37    0.34   34.87   28.00    12.3   0.571  1461.1
 650.0    0.34    0.31   34.87   28.00    12.2   0.573  1461.4
 670.0    0.31    0.28   34.87   28.01    11.7   0.576  1461.6
 690.0    0.29    0.25   34.87   28.01    11.5   0.578  1461.8
 710.0    0.26    0.22   34.88   28.01    11.2   0.580  1462.0
 730.0    0.22    0.19   34.88   28.02    10.8   0.583  1462.1

                      DEPTH      TEMP.      SALIN

      BOT NUM = 1       5.0      -1.65      30.46
      BOT NUM = 2      30.5                 30.46
      BOT NUM = 3     250.0                 34.30
      BOT NUM = 4     500.0       0.47      34.85
      BOT NUM = 5     730.5       0.23      34.88
```

```
BIG BEAR STATION 137(1) STD    9/MAY/1975 1715 GMT  CODE = 2
LAT = 76.4943N LNG = 145.2328W LTER =       1, LGER =       2,
AIR TEMP =  -5.1 BAROM = 1027.3 WIND = 150.9 SPEED =  27.6

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.69   -1.69   30.48   24.53   341.0   0.000  1435.0
  4.8   -1.69   -1.69   30.48   24.53   340.9   0.016  1435.1
  5.0   -1.69   -1.69   30.48   24.53   340.9   0.017  1435.1
 10.0   -1.69   -1.69   30.48   24.53   340.9   0.034  1435.1
 15.0   -1.69   -1.69   30.48   24.54   340.8   0.051  1435.2
 20.0   -1.69   -1.69   30.48   24.54   340.7   0.069  1435.3
 25.0   -1.69   -1.69   30.48   24.54   340.6   0.086  1435.4
 30.0   -1.69   -1.69   30.48   24.53   340.7   0.103  1435.5
 35.0   -1.69   -1.69   30.48   24.54   340.5   0.120  1435.6
 40.0   -1.69   -1.69   30.48   24.54   340.3   0.137  1435.6
 45.0   -1.69   -1.69   30.49   24.54   339.7   0.154  1435.7
 50.0   -1.69   -1.69   30.49   24.55   339.2   0.171  1435.8
 55.0   -1.69   -1.69   30.50   24.55   338.5   0.189  1435.9
 60.0   -1.66   -1.66   31.00   25.02   294.3   0.204  1437.0
 65.0   -1.18   -1.19   31.51   25.36   261.9   0.219  1439.9
 70.0   -1.14   -1.14   31.76   25.56   243.0   0.231  1440.5
 80.0   -1.24   -1.24   32.05   25.80   220.1   0.255  1440.6
 90.0   -1.31   -1.31   32.26   25.96   204.3   0.276  1440.8
100.0   -1.37   -1.37   32.43   26.10   190.8   0.296  1440.9
110.0   -1.42   -1.42   32.55   26.20   181.5   0.315  1441.0
120.0   -1.46   -1.47   32.64   26.28   173.9   0.333  1441.1
130.0   -1.49   -1.49   32.75   26.37   165.3   0.350  1441.3
140.0   -1.51   -1.52   32.87   26.47   156.2   0.366  1441.5
150.0   -1.54   -1.54   32.97   26.55   148.4   0.381  1441.7
160.0   -1.55   -1.55   33.07   26.63   140.6   0.396  1441.9
170.0   -1.55   -1.56   33.15   26.70   134.3   0.410  1442.2
180.0   -1.54   -1.54   33.25   26.78   126.6   0.423  1442.6
190.0   -1.52   -1.52   33.40   26.90   115.0   0.435  1443.1
200.0   -1.46   -1.46   33.58   27.04   102.0   0.446  1443.7
210.0   -1.36   -1.36   33.79   27.20    86.3   0.456  1444.7
220.0   -1.20   -1.20   33.97   27.35    72.8   0.464  1445.8
230.0   -1.03   -1.04   34.16   27.50    58.6   0.470  1447.0
240.0   -0.85   -0.86   34.30   27.60    49.1   0.476  1448.3
250.0   -0.65   -0.66   34.41   27.68    41.5   0.480  1449.5
260.0   -0.50   -0.51   34.49   27.74    36.3   0.484  1450.5
270.0   -0.39   -0.40   34.54   27.78    32.8   0.488  1451.2
280.0   -0.29   -0.30   34.59   27.81    29.7   0.491  1451.9
290.0   -0.19   -0.20   34.63   27.84    27.0   0.494  1452.6
300.0   -0.11   -0.12   34.66   27.86    25.0   0.496  1453.2
310.0   -0.04   -0.05   34.69   27.88    23.0   0.499  1453.7
320.0    0.03    0.01   34.71   27.90    21.8   0.501  1454.2
330.0    0.08    0.06   34.73   27.91    20.6   0.503  1454.6
340.0    0.14    0.13   34.75   27.92    19.6   0.505  1455.1
350.0    0.18    0.17   34.77   27.93    18.8   0.507  1455.5
370.0    0.24    0.22   34.79   27.94    17.4   0.511  1456.1
390.0    0.29    0.27   34.81   27.96    16.3   0.514  1456.7
410.0    0.33    0.32   34.82   27.96    15.6   0.517  1457.3
430.0    0.36    0.35   34.83   27.97    15.0   0.521  1457.7
450.0    0.39    0.37   34.84   27.98    14.4   0.523  1458.2
470.0    0.41    0.39   34.85   27.98    14.0   0.526  1458.7
490.0    0.43    0.41   34.85   27.99    13.8   0.529  1459.1
510.0    0.44    0.42   34.86   27.99    13.3   0.532  1459.5
530.0    0.43    0.41   34.86   27.99    13.2   0.535  1459.8
550.0    0.42    0.40   34.86   27.99    13.2   0.537  1460.1
570.0    0.41    0.39   34.87   27.99    13.0   0.540  1460.3
590.0    0.39    0.37   34.87   28.00    12.5   0.542  1460.6
610.0    0.38    0.35   34.87   28.00    12.2   0.545  1460.9
630.0    0.36    0.33   34.88   28.01    11.8   0.547  1461.1
650.0    0.34    0.31   34.87   28.01    11.8   0.550  1461.3
670.0    0.31    0.28   34.87   28.01    11.7   0.552  1461.5
690.0    0.30    0.27   34.88   28.01    11.4   0.554  1461.8
710.0    0.28    0.25   34.88   28.01    11.3   0.557  1462.1
730.0    0.26    0.22   34.88   28.01    11.1   0.559  1462.3
730.8    0.26    0.22   34.88   28.01    11.1   0.559  1462.3

                      DEPTH      TEMP.      SALIN

      BOT NUM = 1       4.8      -1.65      30.49
      BOT NUM = 2      40.5                 30.48
      BOT NUM = 3     250.4      -0.62      34.29
      BOT NUM = 4     500.0       0.46      34.85
      BOT NUM = 5     729.3       0.23      34.88
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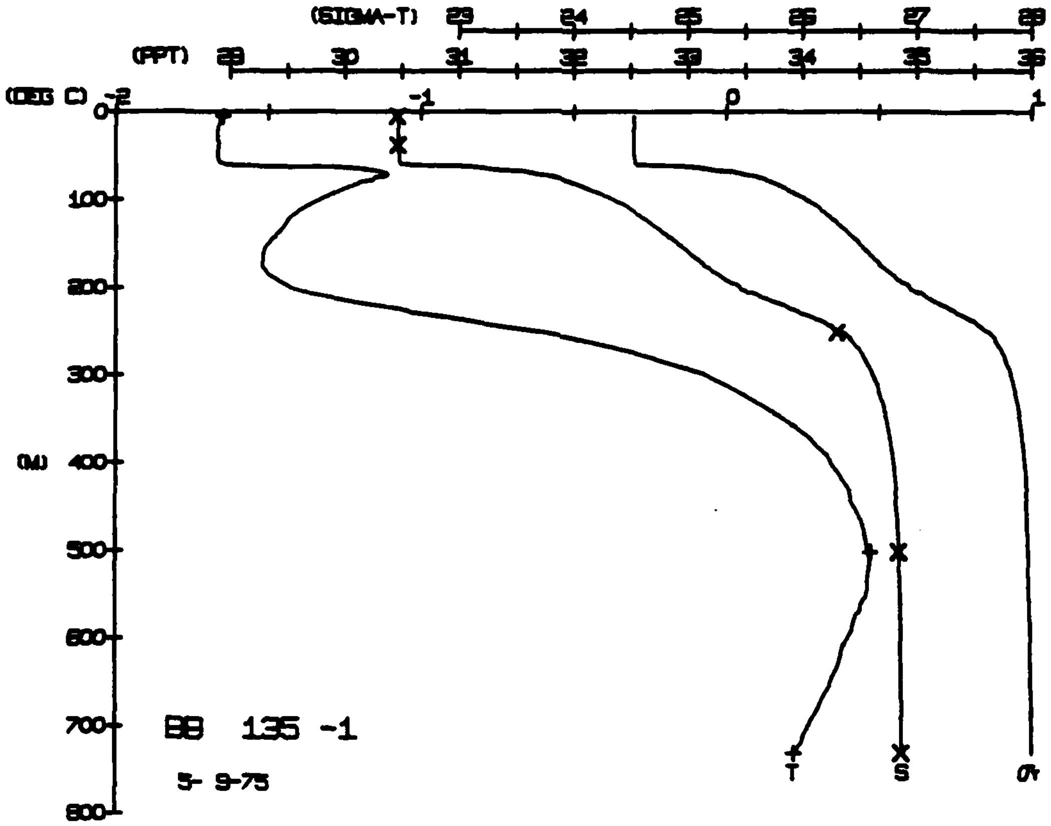
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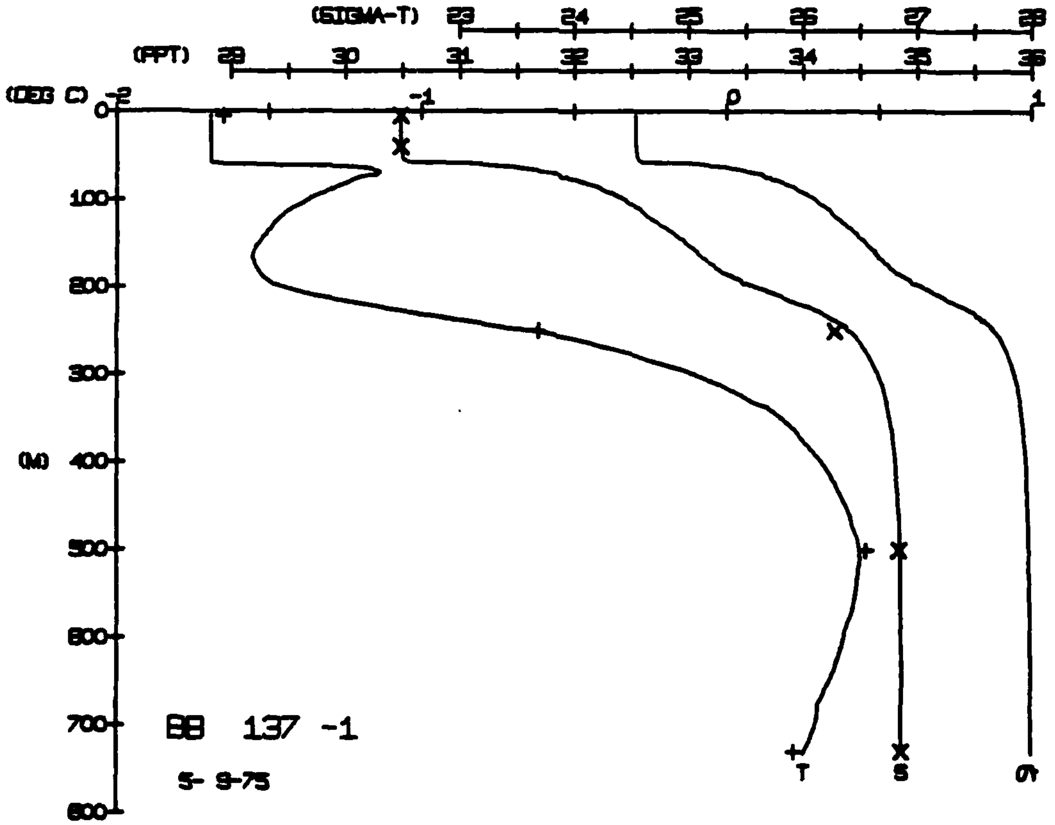
(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 137 -1
5- 9-75
T
S
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BIG BEAR STATION 139(1) STD  10/MAY/1975  416 GMT  CODE = 2
LAT = 76.4975N LNG = 145.2130W LTER =      1, LGER =      2,
AIR TEMP =   -5.1 BAROM = 1026.0 WIND = 150.9 SPEED =  27.6

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.67   -1.67   30.48   24.53   341.0   0.000   1435.1
   5.0   -1.67   -1.67   30.48   24.53   340.9   0.017   1435.1
  10.0   -1.67   -1.67   30.48   24.53   340.9   0.034   1435.2
  11.9   -1.67   -1.67   30.48   24.53   340.9   0.041   1435.3
  15.0   -1.67   -1.67   30.48   24.53   341.1   0.051   1435.3
  20.0   -1.67   -1.67   30.48   24.53   341.0   0.069   1435.4
  25.0   -1.67   -1.67   30.48   24.53   341.0   0.085   1435.5
  30.0   -1.67   -1.67   30.48   24.53   340.8   0.103   1435.6
  35.0   -1.67   -1.67   30.48   24.54   340.2   0.120   1435.6
  40.0   -1.67   -1.67   30.50   24.55   339.6   0.137   1435.8
  45.0   -1.67   -1.67   30.52   24.56   337.6   0.154   1435.9
  50.0   -1.67   -1.67   30.52   24.57   336.9   0.171   1436.0
  55.0   -1.67   -1.67   30.62   24.65   329.3   0.188   1436.2
  60.0   -1.44   -1.44   31.39   25.27   270.3   0.203   1438.5
  65.0   -1.14   -1.15   31.72   25.52   246.3   0.216   1440.4
  70.0   -1.15   -1.15   31.85   25.64   235.7   0.228   1440.6
  80.0   -1.23   -1.23   32.13   25.86   214.4   0.251   1440.8
  90.0   -1.32   -1.32   32.33   26.03   198.7   0.272   1440.8
 100.0   -1.37   -1.37   32.46   26.13   188.1   0.291   1440.9
 110.0   -1.42   -1.42   32.57   26.22   179.5   0.310   1441.0
 120.0   -1.45   -1.45   32.69   26.31   171.0   0.328   1441.2
 130.0   -1.48   -1.48   32.77   26.38   164.1   0.344   1441.4
 140.0   -1.50   -1.50   32.88   26.47   155.0   0.361   1441.6
 150.0   -1.51   -1.52   32.98   26.56   147.1   0.376   1441.9
 160.0   -1.53   -1.53   33.09   26.64   139.4   0.390   1442.1
 170.0   -1.53   -1.53   33.18   26.72   132.3   0.404   1442.4
 180.0   -1.51   -1.51   33.29   26.81   123.5   0.417   1442.8
 190.0   -1.46   -1.47   33.37   26.87   117.6   0.429   1443.3
 200.0   -1.39   -1.40   33.61   27.06    99.7   0.440   1444.1
 210.0   -1.22   -1.23   33.82   27.24    82.6   0.449   1445.4
 220.0   -1.04   -1.05   34.02   27.38    69.4   0.457   1446.6
 230.0   -0.90   -0.91   34.17   27.50    58.5   0.463   1447.7
 240.0   -0.71   -0.72   34.31   27.61    48.5   0.469   1449.0
 250.0   -0.54   -0.55   34.40   27.67    42.2   0.473   1450.0
 260.0   -0.40   -0.41   34.48   27.72    37.5   0.477   1450.9
 270.0   -0.29   -0.30   34.53   27.77    33.7   0.481   1451.7
 280.0   -0.19   -0.20   34.58   27.80    30.7   0.484   1452.4
 290.0   -0.09   -0.11   34.62   27.83    28.2   0.487   1453.0
 300.0   -0.03   -0.04   34.65   27.85    26.2   0.490   1453.6
 310.0    0.04    0.03   34.67   27.86    25.2   0.493   1454.1
 320.0    0.12    0.10   34.69   27.87    24.1   0.495   1454.6
 330.0    0.17    0.15   34.72   27.89    22.6   0.497   1455.0
 340.0    0.21    0.19   34.73   27.90    21.5   0.500   1455.4
 350.0    0.24    0.22   34.75   27.91    20.5   0.502   1455.7
 370.0    0.29    0.28   34.78   27.93    18.8   0.506   1456.3
 390.0    0.33    0.32   34.79   27.94    17.7   0.509   1456.9
 410.0    0.37    0.35   34.81   27.95    16.8   0.513   1457.4
 430.0    0.39    0.38   34.82   27.96    16.5   0.516   1457.9
 450.0    0.41    0.39   34.83   27.96    15.8   0.520   1458.3
 470.0    0.43    0.41   34.84   27.97    15.3   0.523   1458.7
 490.0    0.44    0.42   34.84   27.97    15.0   0.526   1459.1
 510.0    0.44    0.42   34.85   27.98    14.5   0.529   1459.5
 530.0    0.44    0.42   34.85   27.98    14.2   0.532   1459.8
 550.0    0.42    0.40   34.85   27.99    13.9   0.534   1460.0
 570.0    0.40    0.37   34.86   27.99    13.5   0.537   1460.3
 590.0    0.38    0.35   34.86   27.99    13.1   0.540   1460.5
 610.0    0.36    0.33   34.86   28.00    12.8   0.543   1460.8
 630.0    0.35    0.32   34.86   28.00    12.6   0.545   1461.0
 650.0    0.33    0.29   34.87   28.00    12.4   0.548   1461.2
 670.0    0.30    0.27   34.87   28.00    12.0   0.550   1461.5
 690.0    0.27    0.24   34.87   28.01    11.7   0.553   1461.7
 710.0    0.25    0.21   34.87   28.01    11.5   0.555   1461.9

                      DEPTH      TEMP.      SALIN

      BOT NUM = 1       4.4      -1.62      30.47
      BOT NUM = 2      35.5                 30.48
      BOT NUM = 3     250.4      -0.54      34.29
      BOT NUM = 4     500.4       0.44      34.84
      BOT NUM = 5     729.4       0.22      34.87
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BIG BEAR STATION 141(1) STD  10/MAY/1975 1715 GMT  CODE = 2
LAT = 76.4851N LNG = 145.1721W LTER =      0, LGER =      0,
AIR TEMP =   -3.6 BAROM = 1027.8 WIND = 254.1 SPEED =  18.4

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.59   -1.59   30.49   24.54   340.6   0.000   1435.5
   3.9   -1.59   -1.59   30.49   24.54   340.6   0.013   1435.5
   5.0   -1.59   -1.59   30.49   24.54   340.6   0.017   1435.6
  10.0   -1.59   -1.59   30.49   24.54   340.5   0.034   1435.6
  15.0   -1.59   -1.59   30.49   24.54   340.4   0.051   1435.7
  20.0   -1.59   -1.59   30.49   24.54   340.3   0.069   1435.8
  25.0   -1.59   -1.59   30.49   24.54   340.2   0.086   1435.9
  30.0   -1.59   -1.59   30.49   24.54   340.0   0.103   1436.0
  35.0   -1.59   -1.59   30.49   24.54   339.9   0.120   1436.0
  40.0   -1.59   -1.59   30.50   24.55   339.0   0.137   1436.1
  45.0   -1.59   -1.59   30.51   24.56   337.9   0.154   1436.2
  50.0   -1.59   -1.60   30.52   24.57   337.2   0.171   1436.3
  55.0   -1.59   -1.60   30.53   24.58   336.5   0.188   1436.4
  60.0   -1.58   -1.58   30.55   24.59   335.0   0.205   1436.6
  65.0   -1.15   -1.15   31.07   25.00   295.9   0.221   1439.4
  70.0   -1.05   -1.05   31.58   25.41   257.2   0.235   1440.7
  80.0   -1.13   -1.13   31.93   25.70   229.9   0.259   1441.0
  90.0   -1.21   -1.21   32.20   25.92   208.9   0.281   1441.1
 100.0   -1.27   -1.28   32.37   26.06   195.4   0.302   1441.3
 110.0   -1.33   -1.33   32.49   26.15   186.3   0.321   1441.3
 120.0   -1.36   -1.36   32.59   26.24   178.1   0.340   1441.5
 130.0   -1.39   -1.39   32.70   26.33   169.6   0.357   1441.7
 140.0   -1.42   -1.42   32.80   26.41   161.6   0.374   1441.8
 150.0   -1.44   -1.44   32.91   26.50   153.5   0.390   1442.1
 160.0   -1.46   -1.46   33.00   26.57   146.0   0.405   1442.3
 170.0   -1.45   -1.46   33.10   26.65   138.9   0.419   1442.6
 180.0   -1.44   -1.45   33.19   26.73   131.5   0.433   1442.9
 190.0   -1.42   -1.42   33.31   26.82   122.8   0.446   1443.4
 200.0   -1.36   -1.36   33.46   26.94   111.4   0.457   1444.1
 210.0   -1.26   -1.27   33.62   27.07    98.9   0.468   1444.9
 220.0   -1.10   -1.11   33.85   27.24    82.6   0.477   1446.1
 230.0   -0.91   -0.92   34.05   27.41    67.3   0.485   1447.5
 240.0   -0.74   -0.75   34.21   27.52    56.6   0.491   1448.6
 250.0   -0.57   -0.57   34.31   27.60    49.1   0.496   1449.8
 260.0   -0.46   -0.47   34.41   27.67    42.7   0.501   1450.6
 270.0   -0.34   -0.35   34.47   27.72    38.4   0.505   1451.4
 280.0   -0.24   -0.25   34.52   27.75    34.9   0.509   1452.1
 290.0   -0.16   -0.17   34.56   27.78    32.3   0.512   1452.7
 300.0   -0.06   -0.07   34.61   27.81    29.4   0.515   1453.4
 310.0    0.02    0.00   34.64   27.84    27.3   0.518   1453.9
 320.0    0.08    0.07   34.67   27.86    25.5   0.521   1454.4
 330.0    0.15    0.13   34.70   27.88    23.7   0.523   1454.9
 340.0    0.21    0.19   34.72   27.89    22.3   0.526   1455.4
 350.0    0.26    0.24   34.74   27.90    21.4   0.528   1455.8
 370.0    0.31    0.29   34.76   27.92    19.8   0.532   1456.4
 390.0    0.36    0.34   34.78   27.93    18.5   0.536   1457.0
 410.0    0.40    0.38   34.80   27.95    17.4   0.540   1457.5
 430.0    0.43    0.41   34.81   27.95    16.9   0.543   1458.0
 450.0    0.45    0.43   34.82   27.96    16.3   0.546   1458.5
 470.0    0.48    0.45   34.83   27.96    15.8   0.550   1458.9
 490.0    0.49    0.47   34.84   27.97    15.3   0.553   1459.3
 510.0    0.50    0.48   34.84   27.97    15.2   0.556   1459.7
 530.0    0.50    0.48   34.85   27.98    14.8   0.559   1460.0
 550.0    0.49    0.47   34.85   27.98    14.6   0.562   1460.3
 570.0    0.47    0.44   34.85   27.98    14.1   0.565   1460.6
 590.0    0.45    0.42   34.86   27.99    13.9   0.568   1460.8
 610.0    0.43    0.40   34.86   27.99    13.5   0.570   1461.1
 630.0    0.41    0.38   34.86   27.99    13.2   0.573   1461.3
 650.0    0.38    0.35   34.86   28.00    12.9   0.576   1461.5
 670.0    0.35    0.32   34.86   28.00    12.6   0.578   1461.7
 690.0    0.32    0.29   34.87   28.00    12.3   0.581   1461.9
 710.0    0.29    0.26   34.87   28.00    11.9   0.583   1462.1
 729.9    0.26    0.22   34.87   28.01    11.4   0.586   1462.3

                      DEPTH      TEMP.      SALIN

      BOT NUM = 1       4.8                 30.47
      BOT NUM = 2      35.7                 30.48
      BOT NUM = 3     250.4                 34.30
      BOT NUM = 4     499.8                 34.85
      BOT NUM = 5     729.9       0.23      34.87
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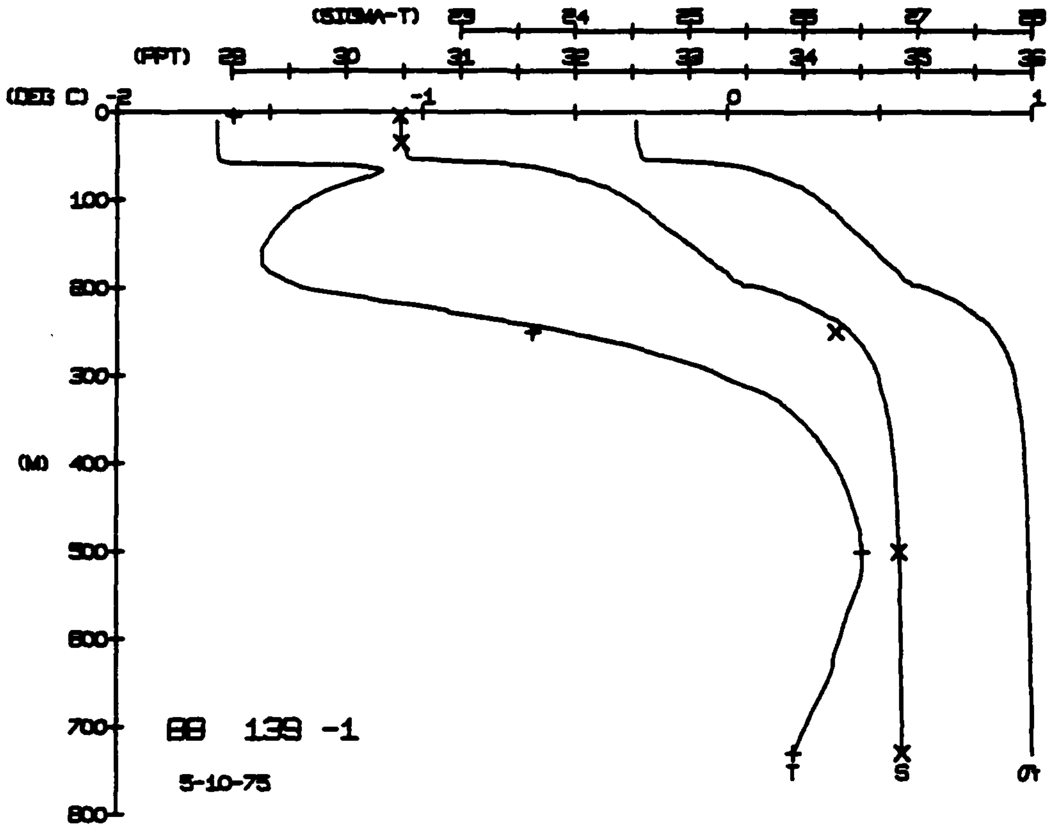
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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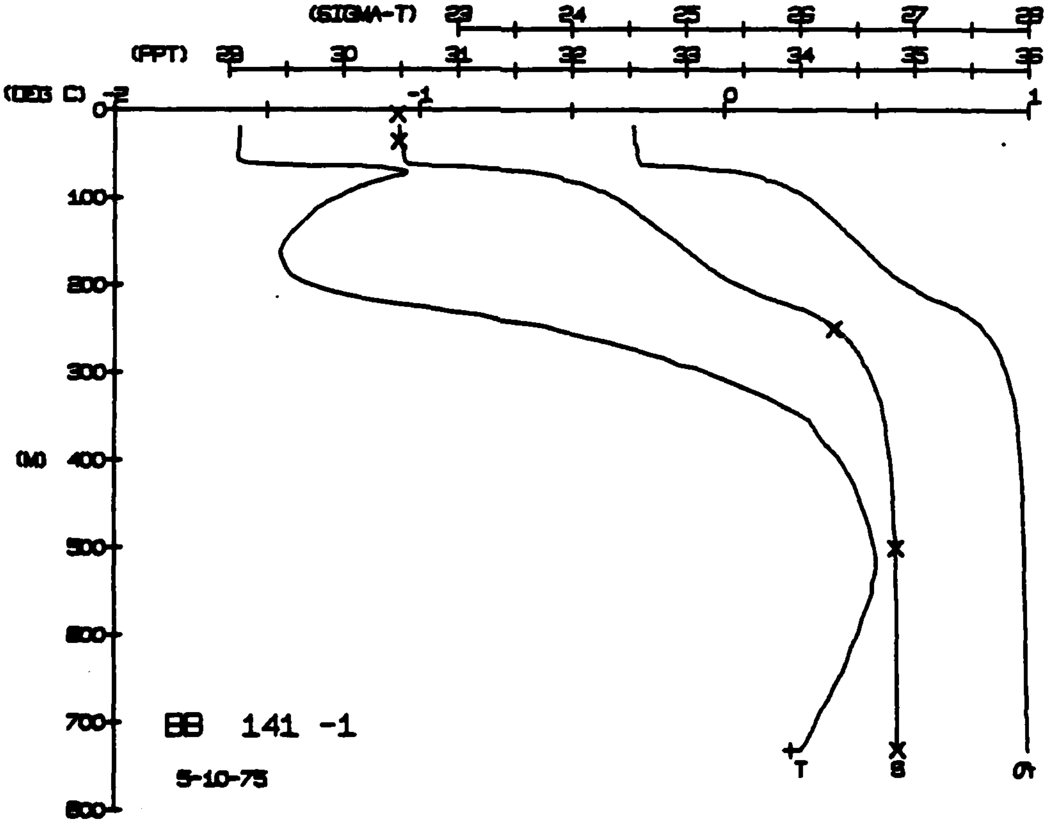
100
200
300
(M) 400
500
600
700
800
BB 139 -1
5-10-75
T
S
σt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(PPT) 29 30 31 32 33 34 35 36
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600
700
800
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T
S
σt

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                              BIG BEAR STATION 143(1) STD  11/MAY/1975  418 GMT  CODE = 2
                               LAT = 75.4581N LNG = 145.1292W LTER =     1, LGER =     2,
                               AIR TEMP =  -6.0 BAROM = 1032.4 WIND = 259.7 SPEED =  37.9

 DEPTH   TEMP   PTEMP  SALIN  SIG T  SPVUL  DYNHT  SOUND            DEPTH   TEMP   PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.65  -1.65  30.47  24.53  341.7  0.000  1435.2            850.0   0.08   0.04  34.88  28.02    9.6  0.583  1463.5
   3.7  -1.65  -1.65  30.47  24.53  341.7  0.013  1435.2            900.0   0.02  -0.02  34.88  28.03    9.0  0.588  1464.1
   5.0  -1.65  -1.65  30.47  24.53  341.7  0.017  1435.2            950.0  -0.03  -0.07  34.89  28.04    8.4  0.592  1464.7
  10.0  -1.66  -1.66  30.47  24.53  341.6  0.034  1435.3           1000.0  -0.07  -0.12  34.89  28.04    7.6  0.596  1465.3
  15.0  -1.66  -1.66  30.47  24.53  341.7  0.052  1435.4           1050.0  -0.11  -0.16  34.89  28.05    7.1  0.600  1466.0
  20.0  -1.66  -1.66  30.47  24.53  341.6  0.069  1435.4           1100.0  -0.15  -0.20  34.89  28.05    6.8  0.603  1466.7
  25.0  -1.66  -1.66  30.47  24.53  341.5  0.086  1435.5           1150.0  -0.18  -0.23  34.90  28.05    6.3  0.607  1467.4
  30.0  -1.66  -1.66  30.47  24.53  341.5  0.103  1435.6           1200.0  -0.21  -0.26  34.90  28.06    5.8  0.610  1468.1
  35.0  -1.66  -1.66  30.47  24.53  341.3  0.120  1435.7           1250.0  -0.24  -0.29  34.90  28.06    5.4  0.613  1468.8
  40.0  -1.66  -1.66  30.47  24.53  341.1  0.138  1435.8           1300.0  -0.26  -0.32  34.90  28.06    4.9  0.615  1469.5
  45.0  -1.66  -1.66  30.47  24.53  341.0  0.155  1435.8           1350.0  -0.28  -0.35  34.91  28.07    4.5  0.618  1470.3
  50.0  -1.66  -1.66  30.47  24.53  340.8  0.172  1435.9           1400.0  -0.30  -0.37  34.91  28.07    4.0  0.620  1471.0
  55.0  -1.65  -1.65  30.48  24.53  340.3  0.189  1436.0           1450.0  -0.33  -0.39  34.91  28.07    3.7  0.622  1471.8
  60.0  -1.33  -1.34  31.07  24.97  299.2  0.205  1438.4           1500.0  -0.34  -0.41  34.91  28.07    3.5  0.624  1472.6
  65.0  -1.15  -1.15  31.38  25.25  272.1  0.220  1439.9           1550.0  -0.35  -0.42  34.91  28.07    3.3  0.625  1473.4
  70.0  -1.12  -1.12  31.72  25.52  246.3  0.233  1440.6           1600.0  -0.36  -0.43  34.92  28.08    2.9  0.627  1474.2
  80.0  -1.22  -1.22  32.02  25.77  222.5  0.256  1440.7           1650.0  -0.37  -0.45  34.92  28.08    2.6  0.628  1475.0
  90.0  -1.30  -1.31  32.25  25.96  204.6  0.278  1440.8           1700.0  -0.38  -0.46  34.92  28.08    2.3  0.629  1475.8
 100.0  -1.36  -1.36  32.39  26.07  193.8  0.298  1440.9           1750.0  -0.39  -0.48  34.92  28.08    2.0  0.631  1476.6
 110.0  -1.40  -1.40  32.54  26.19  182.2  0.317  1441.1           1800.0  -0.40  -0.49  34.93  28.09    1.7  0.631  1477.4
 120.0  -1.44  -1.44  32.65  26.29  173.4  0.335  1441.2           1850.0  -0.41  -0.50  34.93  28.09    1.5  0.632  1478.2
 130.0  -1.47  -1.47  32.75  26.37  165.9  0.352  1441.4           1900.0  -0.41  -0.50  34.93  28.09    1.2  0.633  1479.0
 140.0  -1.49  -1.49  32.84  26.44  158.6  0.368  1441.6           1950.0  -0.41  -0.51  34.93  28.09    1.0  0.633  1479.9
 150.0  -1.51  -1.51  32.95  26.53  150.5  0.384  1441.8           2000.0  -0.42  -0.52  34.93  28.09    0.8  0.634  1480.7
 160.0  -1.52  -1.52  33.04  26.61  142.9  0.399  1442.0           2050.0  -0.42  -0.52  34.93  28.09    0.6  0.634  1481.5
 170.0  -1.52  -1.52  33.16  26.70  134.2  0.413  1442.4           2100.0  -0.42  -0.53  34.94  28.10    0.5  0.635  1482.4
 180.0  -1.49  -1.50  33.27  26.79  125.2  0.426  1442.8           2150.0  -0.42  -0.53  34.94  28.10    0.4  0.635  1483.3
 190.0  -1.46  -1.47  33.39  26.89  116.3  0.438  1443.3           2200.0  -0.42  -0.53  34.94  28.10    0.3  0.635  1484.1
 200.0  -1.37  -1.38  33.53  27.00  105.7  0.449  1444.1           2250.0  -0.42  -0.53  34.94  28.10    0.2  0.635  1485.0
 210.0  -1.23  -1.23  33.73  27.15   91.7  0.459  1445.2           2300.0  -0.41  -0.53  34.94  28.10    0.2  0.635  1485.8
 220.0  -1.06  -1.06  33.93  27.31   76.2  0.468  1446.5           2350.0  -0.41  -0.54  34.94  28.10    0.2  0.635  1486.7
 230.0  -0.87  -0.88  34.12  27.46   62.3  0.475  1447.8           2400.0  -0.40  -0.54  34.94  28.10    0.1  0.635  1487.6
 240.0  -0.69  -0.70  34.26  27.56   52.9  0.480  1448.9           2450.0  -0.40  -0.54  34.94  28.10    0.0  0.635  1488.4
 250.0  -0.54  -0.55  34.36  27.64   45.6  0.485  1450.0           2500.0  -0.40  -0.54  34.94  28.10    0.1  0.635  1489.3
 260.0  -0.42  -0.43  34.45  27.70   39.7  0.490  1450.8           2550.0  -0.39  -0.54  34.94  28.10    0.0  0.635  1490.2
 270.0  -0.29  -0.30  34.51  27.75   35.6  0.493  1451.6           2600.0  -0.39  -0.54  34.94  28.10   -0.1  0.635  1491.1
 280.0  -0.18  -0.19  34.56  27.79   32.1  0.497  1452.4           2650.0  -0.38  -0.54  34.94  28.10   -0.1  0.635  1492.0
 290.0  -0.09  -0.10  34.61  27.81   29.3  0.500  1453.0           2700.0  -0.38  -0.53  34.94  28.10   -0.1  0.635  1492.9
 300.0  -0.02  -0.03  34.64  27.84   27.0  0.503  1453.6           2750.0  -0.37  -0.53  34.94  28.10   -0.2  0.635  1493.7
 310.0   0.05   0.03  34.67  27.86   25.4  0.505  1454.1           2800.0  -0.37  -0.53  34.94  28.10   -0.1  0.635  1494.6
 320.0   0.10   0.09  34.69  27.87   23.8  0.508  1454.5           2850.0  -0.37  -0.53  34.94  28.10   -0.2  0.635  1495.5
 330.0   0.15   0.14  34.71  27.89   22.5  0.510  1454.9           2900.0  -0.36  -0.53  34.94  28.10   -0.4  0.635  1496.4
 340.0   0.20   0.18  34.73  27.90   21.4  0.513  1455.3
 350.0   0.24   0.22  34.75  27.91   20.6  0.515  1455.7
 370.0   0.30   0.28  34.77  27.93   19.1  0.519  1456.3
 390.0   0.34   0.32  34.79  27.94   18.1  0.522  1456.9
 410.0   0.38   0.36  34.81  27.95   17.0  0.526  1457.4
 430.0   0.40   0.38  34.82  27.96   16.5  0.529  1457.9
 450.0   0.43   0.41  34.83  27.96   15.9  0.533  1458.4
 470.0   0.45   0.43  34.84  27.97   15.3  0.536  1458.8
 490.0   0.46   0.44  34.84  27.97   15.0  0.539  1459.2
 510.0   0.46   0.43  34.85  27.98   14.6  0.542  1459.5
 530.0   0.45   0.43  34.85  27.98   14.3  0.545  1459.8
 550.0   0.43   0.41  34.86  27.99   13.8  0.548  1460.1
 570.0   0.41   0.38  34.86  27.99   13.5  0.550  1460.3
 590.0   0.39   0.36  34.86  27.99   13.2  0.553  1460.6
 610.0   0.37   0.34  34.86  27.99   13.0  0.556  1460.8
 630.0   0.35   0.32  34.86  28.00   12.7  0.558  1461.0
 650.0   0.34   0.31  34.87  28.00   12.5  0.561  1461.3
 670.0   0.30   0.27  34.87  28.00   12.2  0.563  1461.5
 690.0   0.28   0.25  34.87  28.00   12.0  0.566  1461.7
 710.0   0.25   0.22  34.87  28.01   11.6  0.568  1461.9
 730.0   0.22   0.18  34.87  28.01   11.2  0.570  1462.1
 750.0   0.20   0.16  34.87  28.01   11.0  0.573  1462.4
 800.0   0.13   0.10  34.87  28.02   10.4  0.578  1462.9

                                                  DEPTH        TEMP.        SALIN

                                  BUT NUM = 1       4.4                     30.48
                                  BUT NUM = 2     999.2                     34.89
                                  BUT NUM = 3    1993.6        -0.43        34.93
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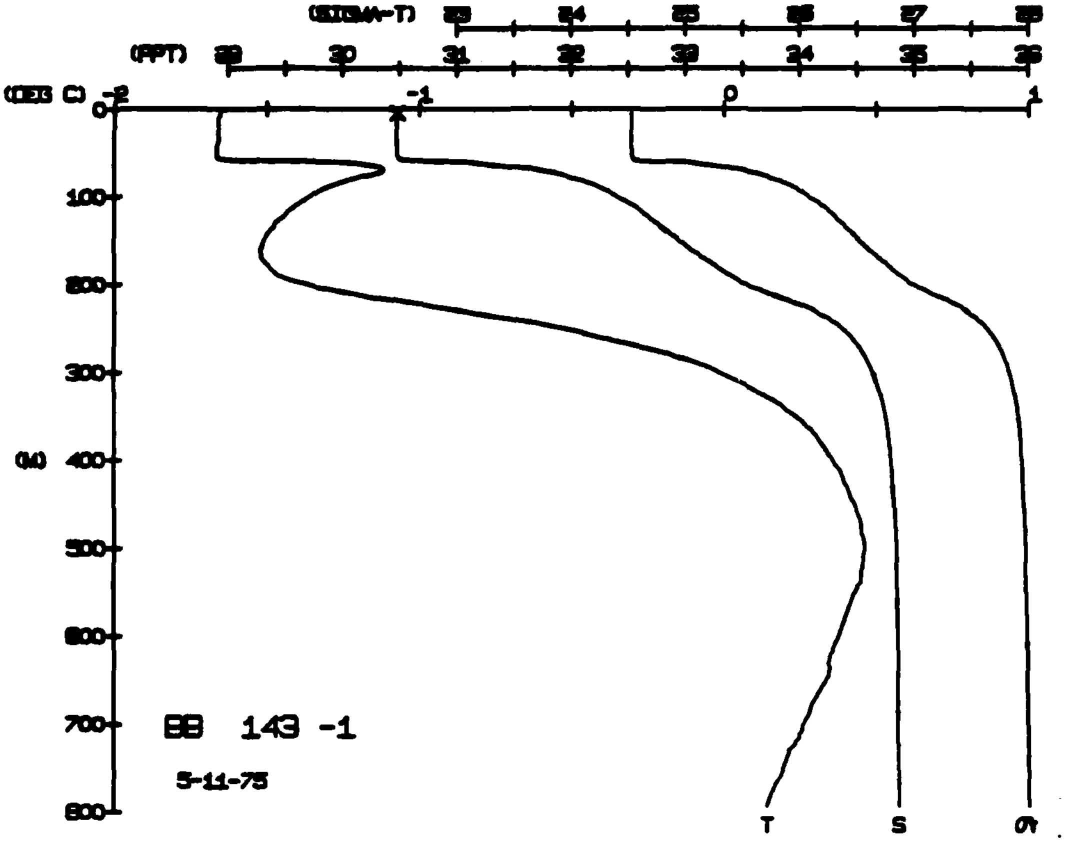
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S
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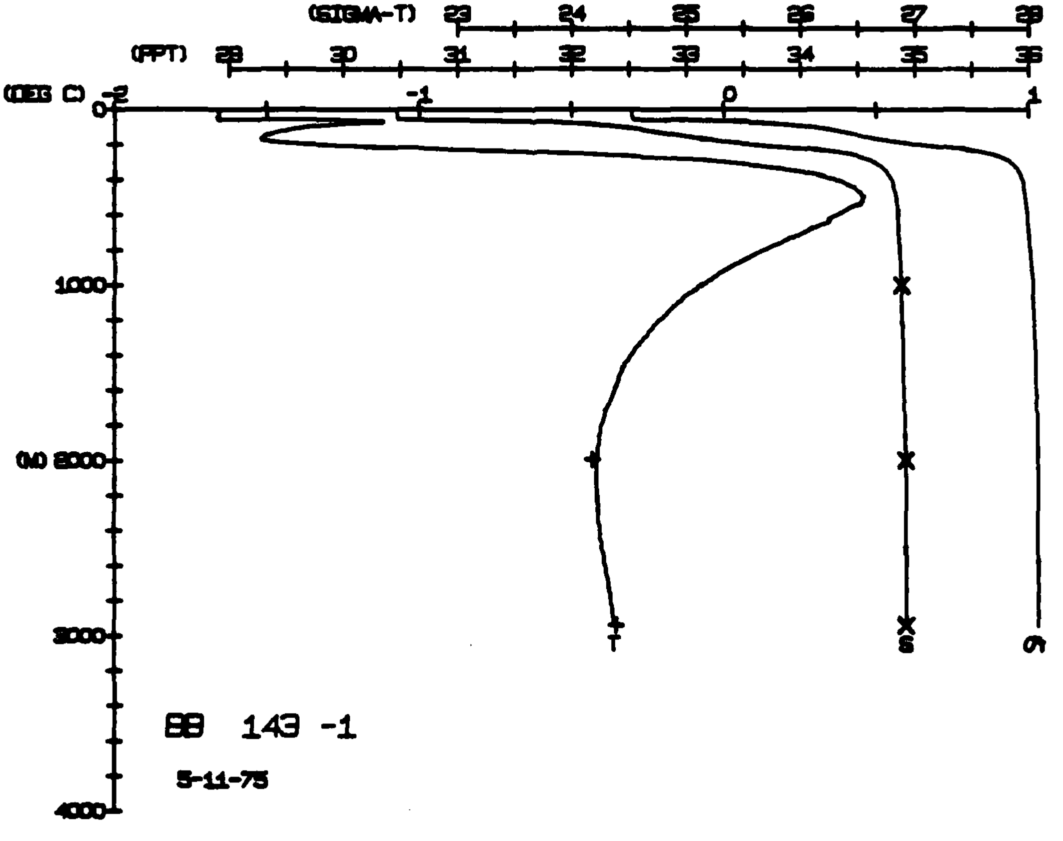
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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1000
(M) 2000
3000
4000
BB 143 -1
5-11-75
T
S
σt

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BIG BEAR STATION 145(1) STD  11/MAI/1975 1716 GMT  CODE = 2
LAT = 76.4351N LNG = 145.0876W LTER =       1. LCER =      2.
AIR TEMP =  -6.0 BARUM = 1035.4 WIND = 259.7 SPEED =  37.9

 DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.66  -1.66  30.47  24.52  342.1  0.000  1435.1
   5.0  -1.66  -1.66  30.47  24.52  342.0  0.017  1435.2
   5.4  -1.66  -1.66  30.47  24.52  342.0  0.018  1435.2
  10.0  -1.66  -1.66  30.46  24.52  342.1  0.034  1435.3
  15.0  -1.66  -1.66  30.48  24.52  342.0  0.052  1435.3
  20.0  -1.66  -1.66  30.49  24.52  341.9  0.069  1435.4
  25.0  -1.66  -1.66  30.47  24.52  341.7  0.086  1435.5
  30.0  -1.66  -1.66  30.49  24.52  341.8  0.103  1435.6
  35.0  -1.66  -1.66  30.47  24.52  341.6  0.121  1435.7
  40.0  -1.66  -1.66  30.47  24.52  341.5  0.138  1435.8
  45.0  -1.66  -1.67  30.47  24.53  341.5  0.155  1435.8
  50.0  -1.67  -1.67  30.47  24.53  341.4  0.172  1435.9
  55.0  -1.67  -1.67  30.47  24.53  341.2  0.189  1435.9
  60.0  -1.65  -1.65  30.50  24.55  339.1  0.206  1436.2
  65.0  -1.19  -1.19  31.23  25.14  283.2  0.222  1439.5
  70.0  -1.12  -1.12  31.57  25.41  257.3  0.236  1440.3
  80.0  -1.20  -1.20  31.96  25.73  227.0  0.260  1440.7
  90.0  -1.27  -1.28  32.17  25.89  211.3  0.282  1440.8
 100.0  -1.34  -1.34  32.34  26.03  197.6  0.303  1440.9
 110.0  -1.38  -1.39  32.47  26.14  187.5  0.322  1441.1
 120.0  -1.43  -1.43  32.60  26.25  177.2  0.341  1441.2
 130.0  -1.46  -1.46  32.72  26.34  168.1  0.358  1441.4
 140.0  -1.48  -1.49  32.81  26.42  160.8  0.375  1441.5
 150.0  -1.49  -1.49  32.91  26.50  153.3  0.391  1441.8
 160.0  -1.51  -1.51  33.01  26.58  145.4  0.406  1442.0
 170.0  -1.51  -1.52  33.10  26.66  138.1  0.420  1442.3
 180.0  -1.51  -1.51  33.22  26.75  129.4  0.433  1442.7
 190.0  -1.46  -1.46  33.35  26.86  119.0  0.446  1443.2
 200.0  -1.41  -1.42  33.49  26.97  108.5  0.457  1443.8
 210.0  -1.30  -1.30  33.67  27.11   95.2  0.468  1444.8
 220.0  -1.15  -1.15  33.87  27.26   80.5  0.477  1445.9
 230.0  -0.98  -0.99  34.05  27.40   67.7  0.484  1447.1
 240.0  -0.80  -0.81  34.20  27.52   56.7  0.490  1448.4
 250.0  -0.62  -0.63  34.32  27.61   48.2  0.496  1449.5
 260.0  -0.50  -0.51  34.41  27.68   42.0  0.500  1450.4
 270.0  -0.38  -0.39  34.49  27.73   36.6  0.504  1451.2
 280.0  -0.22  -0.23  34.55  27.78   32.7  0.508  1452.2
 290.0  -0.14  -0.15  34.59  27.80   30.2  0.511  1452.8
 300.0  -0.07  -0.08  34.62  27.82   28.3  0.514  1453.3
 310.0  -0.01  -0.02  34.65  27.85   26.1  0.517  1453.8
 320.0   0.05   0.04  34.69  27.87   24.1  0.519  1454.3
 330.0   0.11   0.09  34.71  27.89   22.7  0.521  1454.7
 340.0   0.16   0.15  34.73  27.90   21.4  0.524  1455.2
 350.0   0.21   0.19  34.75  27.91   20.3  0.526  1455.6
 370.0   0.28   0.26  34.78  27.93   18.7  0.530  1456.3
 390.0   0.33   0.31  34.79  27.94   17.7  0.533  1456.9
 410.0   0.38   0.36  34.81  27.95   16.8  0.537  1457.4
 430.0   0.40   0.39  34.82  27.96   16.4  0.540  1457.9
 450.0   0.42   0.40  34.83  27.97   15.6  0.543  1458.3
 470.0   0.45   0.43  34.84  27.97   15.0  0.547  1458.8
 490.0   0.47   0.44  34.84  27.98   14.8  0.550  1459.2
 510.0   0.46   0.44  34.85  27.98   14.4  0.553  1459.5
 530.0   0.46   0.44  34.85  27.99   14.1  0.555  1459.9
 550.0   0.44   0.42  34.86  27.99   13.9  0.558  1460.1
 570.0   0.42   0.39  34.86  27.99   13.6  0.561  1460.4
 590.0   0.40   0.37  34.86  27.99   13.1  0.564  1460.6
 610.0   0.38   0.35  34.86  28.00   12.8  0.566  1460.8
 630.0   0.36   0.33  34.86  28.00   12.7  0.569  1461.1
 650.0   0.33   0.30  34.87  28.00   12.2  0.571  1461.3
 670.0   0.31   0.28  34.87  28.00   12.0  0.574  1461.5
 690.0   0.28   0.25  34.87  28.01   11.8  0.576  1461.7
 710.0   0.25   0.22  34.87  28.01   11.4  0.579  1462.0
 729.9   0.22   0.19  34.87  28.01   11.1  0.581  1462.1

                    DEPTH     TEMP.     SALIN

      BOT NUM = 1     4.6     -1.65
      BOT NUM = 2    40.1               30.45
      BOT NUM = 3   250.2     -0.64     34.29
      BOT NUM = 4   499.5      0.46     34.83
      BOT NUM = 5   729.9      0.23     34.86
```

```
BIG BEAR STATION 147(1) STD  12/MAI/1975  415 GMT  CODE = 2
LAT = 76.4114N LNG = 145.1096W LTER =       0. LCER =      0.
AIR TEMP =  -7.3 BARUM = 1037.1 WIND = 353.5 SPEED =  40.4

 DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.67  -1.67  30.46  24.52  342.5  0.000  1435.0
   3.7  -1.67  -1.67  30.46  24.52  342.5  0.013  1435.1
   5.0  -1.67  -1.67  30.46  24.52  342.5  0.017  1435.1
  10.0  -1.67  -1.67  30.46  24.52  342.4  0.034  1435.2
  15.0  -1.67  -1.67  30.46  24.52  342.3  0.052  1435.3
  20.0  -1.67  -1.67  30.46  24.52  342.3  0.069  1435.4
  25.0  -1.67  -1.67  30.46  24.52  342.2  0.086  1435.4
  30.0  -1.67  -1.67  30.46  24.52  342.1  0.103  1435.5
  35.0  -1.67  -1.67  30.46  24.52  342.1  0.121  1435.6
  40.0  -1.68  -1.68  30.46  24.52  342.0  0.138  1435.7
  45.0  -1.68  -1.68  30.46  24.52  341.7  0.155  1435.8
  50.0  -1.68  -1.68  30.46  24.53  341.5  0.172  1435.8
  55.0  -1.67  -1.67  30.47  24.53  341.0  0.190  1436.0
  60.0  -1.66  -1.66  30.48  24.54  340.2  0.207  1436.1
  65.0  -1.24  -1.24  31.16  25.07  288.9  0.223  1439.2
  70.0  -1.14  -1.14  31.53  25.37  260.9  0.236  1440.2
  80.0  -1.20  -1.20  31.94  25.70  228.1  0.261  1440.7
  90.0  -1.29  -1.29  32.18  25.90  210.1  0.283  1440.7
 100.0  -1.35  -1.35  32.35  26.05  196.5  0.304  1440.9
 110.0  -1.40  -1.41  32.49  26.16  186.0  0.323  1441.0
 120.0  -1.45  -1.45  32.60  26.25  177.2  0.341  1441.1
 130.0  -1.48  -1.48  32.72  26.34  168.3  0.359  1441.3
 140.0  -1.50  -1.50  32.81  26.42  160.8  0.375  1441.5
 150.0  -1.51  -1.51  32.91  26.49  153.5  0.391  1441.7
 160.0  -1.53  -1.53  33.00  26.57  146.0  0.406  1442.0
 170.0  -1.53  -1.53  33.10  26.65  138.7  0.421  1442.2
 180.0  -1.52  -1.52  33.20  26.73  130.7  0.434  1442.6
 190.0  -1.49  -1.49  33.33  26.84  120.6  0.447  1443.1
 200.0  -1.42  -1.42  33.49  26.96  108.9  0.459  1443.8
 210.0  -1.29  -1.30  33.68  27.12   94.5  0.469  1444.8
 220.0  -1.14  -1.15  33.87  27.26   80.8  0.478  1446.0
 230.0  -0.96  -0.96  34.07  27.42   66.2  0.485  1447.3
 240.0  -0.81  -0.81  34.20  27.52   56.7  0.491  1448.3
 250.0  -0.64  -0.65  34.30  27.60   49.5  0.497  1449.4
 260.0  -0.49  -0.50  34.41  27.67   42.3  0.501  1450.4
 270.0  -0.38  -0.39  34.48  27.72   37.6  0.505  1451.2
 280.0  -0.27  -0.28  34.53  27.76   33.8  0.509  1451.9
 290.0  -0.18  -0.19  34.58  27.80   30.8  0.512  1452.6
 300.0  -0.10  -0.11  34.62  27.82   28.4  0.515  1453.2
 310.0  -0.02  -0.03  34.65  27.85   26.4  0.518  1453.7
 320.0   0.05   0.04  34.68  27.86   24.6  0.521  1454.3
 330.0   0.12   0.10  34.71  27.88   23.0  0.523  1454.8
 340.0   0.17   0.15  34.72  27.90   21.8  0.525  1455.2
 350.0   0.20   0.19  34.74  27.91   20.9  0.527  1455.6
 370.0   0.27   0.26  34.77  27.92   19.3  0.531  1456.2
 390.0   0.32   0.30  34.79  27.94   18.1  0.535  1456.8
 410.0   0.36   0.34  34.81  27.95   17.0  0.539  1457.3
 430.0   0.39   0.37  34.81  27.96   16.5  0.542  1457.8
 450.0   0.41   0.39  34.82  27.96   15.9  0.545  1458.3
 470.0   0.43   0.41  34.83  27.97   15.4  0.549  1458.7
 490.0   0.45   0.42  34.84  27.97   15.1  0.552  1459.1
 510.0   0.45   0.43  34.84  27.97   14.8  0.555  1459.5
 530.0   0.45   0.43  34.85  27.98   14.6  0.558  1459.8
 550.0   0.44   0.41  34.85  27.98   14.2  0.561  1460.1
 570.0   0.42   0.39  34.85  27.99   13.8  0.563  1460.4
 590.0   0.40   0.37  34.86  27.99   13.5  0.566  1460.6
 610.0   0.38   0.35  34.86  27.99   13.3  0.569  1460.8
 630.0   0.36   0.33  34.86  28.00   12.7  0.571  1461.1
 650.0   0.33   0.30  34.86  28.00   12.6  0.574  1461.3
 670.0   0.30   0.27  34.86  28.00   12.4  0.577  1461.5
 690.0   0.28   0.24  34.87  28.00   12.0  0.579  1461.7
 710.0   0.24   0.21  34.87  28.01   11.6  0.581  1461.9

                    DEPTH     TEMP.     SALIN

      BOT NUM = 1     5.0               30.44
      BOT NUM = 2    40.7               30.44
      BOT NUM = 3   250.2     -0.63     34.27
      BOT NUM = 4   499.8      0.46     34.83
      BOT NUM = 5   729.2      0.22     34.86
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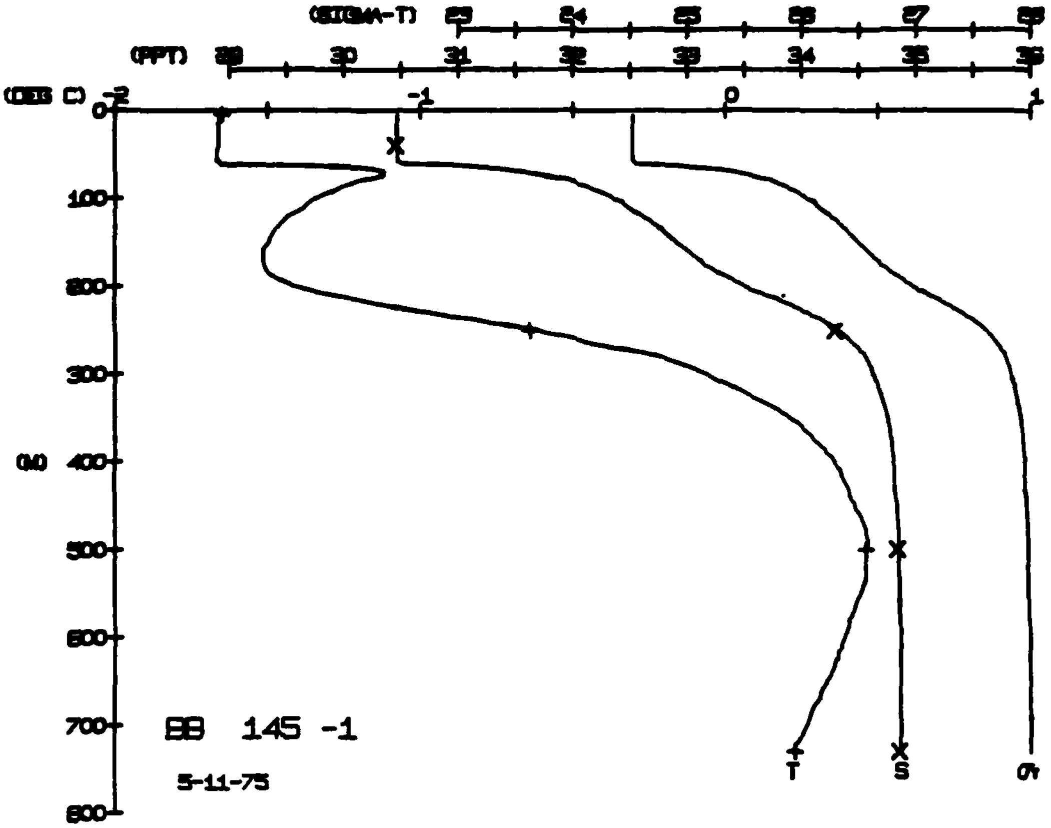
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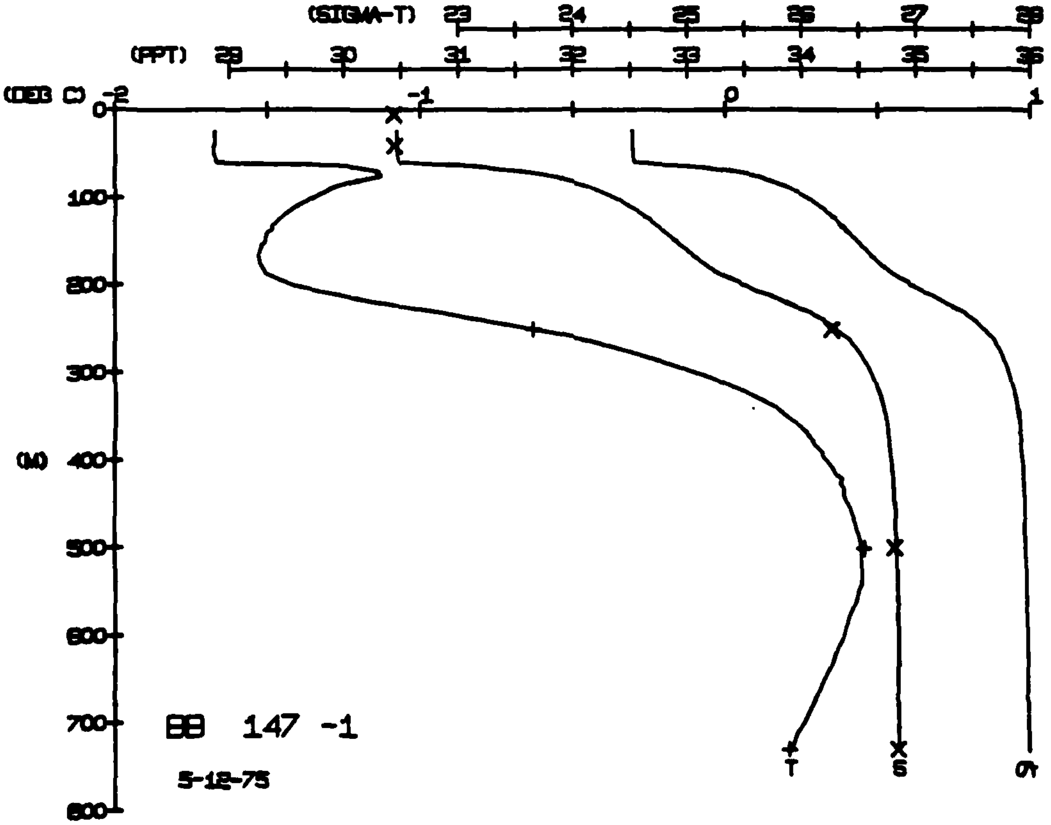
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500
600
700
800
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S
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BIG BEAR STATION 149(1) STD  12/MAY/1975 1717 GMT  CODE = 2
LAT = 76.3872N LNG = 145.1221W LTER =     1, LGER =     2,
AIR TEMP =   -7.3 BAROM = 1037.5 WIND = 353.5 SPEED =  40.4

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.66   -1.66   30.45   24.51   342.9   0.000  1435.1
   5.0   -1.66   -1.66   30.45   24.51   342.8   0.017  1435.2
   5.4   -1.66   -1.66   30.45   24.51   342.8   0.018  1435.2
  10.0   -1.66   -1.66   30.45   24.51   342.8   0.035  1435.2
  15.0   -1.67   -1.67   30.45   24.51   342.7   0.052  1435.3
  20.0   -1.67   -1.67   30.45   24.51   342.6   0.069  1435.4
  25.0   -1.67   -1.67   30.46   24.52   342.6   0.086  1435.5
  30.0   -1.67   -1.67   30.46   24.52   342.5   0.104  1435.5
  35.0   -1.67   -1.67   30.46   24.52   342.3   0.121  1435.6
  40.0   -1.67   -1.67   30.46   24.52   342.3   0.138  1435.7
  45.0   -1.67   -1.67   30.46   24.52   342.3   0.155  1435.8
  50.0   -1.67   -1.68   30.46   24.52   342.1   0.172  1435.8
  55.0   -1.67   -1.67   30.47   24.53   341.9   0.190  1436.0
  60.0   -1.67   -1.67   30.47   24.53   341.1   0.207  1436.1
  65.0   -1.28   -1.28   31.09   24.99   296.8   0.223  1438.8
  70.0   -1.17   -1.17   31.47   25.33   264.9   0.237  1440.0
  80.0   -1.14   -1.14   31.92   25.69   230.8   0.262  1440.9
  90.0   -1.27   -1.27   32.13   25.86   213.8   0.285  1440.8
 100.0   -1.33   -1.34   32.32   26.02   199.3   0.305  1440.9
 110.0   -1.39   -1.39   32.45   26.12   189.1   0.325  1441.0
 120.0   -1.43   -1.43   32.58   26.23   178.8   0.343  1441.2
 130.0   -1.46   -1.46   32.66   26.29   172.6   0.361  1441.3
 140.0   -1.48   -1.48   32.76   26.38   164.5   0.378  1441.5
 150.0   -1.50   -1.51   32.86   26.46   156.7   0.394  1441.7
 160.0   -1.51   -1.53   32.97   26.54   148.7   0.410  1442.0
 170.0   -1.53   -1.53   33.07   26.63   140.9   0.424  1442.2
 180.0   -1.52   -1.53   33.17   26.71   132.3   0.438  1442.5
 190.0   -1.50   -1.50   33.28   26.80   124.2   0.451  1443.0
 200.0   -1.45   -1.45   33.45   26.94   111.3   0.463  1443.8
 210.0   -1.32   -1.32   33.63   27.08    98.2   0.474  1444.8
 220.0   -1.16   -1.17   33.83   27.23    83.7   0.483  1445.8
 230.0   -1.00   -1.00   34.01   27.37    70.4   0.491  1447.0
 240.0   -0.83   -0.84   34.17   27.50    58.9   0.497  1448.2
 250.0   -0.66   -0.67   34.29   27.59    50.5   0.503  1449.3
 260.0   -0.52   -0.53   34.39   27.66    43.7   0.508  1450.2
 270.0   -0.40   -0.40   34.46   27.71    38.6   0.512  1451.1
 280.0   -0.26   -0.28   34.52   27.75    34.7   0.515  1451.9
 290.0   -0.17   -0.18   34.58   27.79    31.1   0.519  1452.6
 300.0   -0.08   -0.09   34.62   27.82    28.4   0.522  1453.3
 310.0   -0.01   -0.02   34.65   27.85    26.8   0.524  1453.9
 320.0    0.05    0.04   34.67   27.86    25.1   0.527  1454.3
 330.0    0.11    0.09   34.69   27.87    23.9   0.530  1454.7
 340.0    0.16    0.14   34.71   27.89    22.6   0.532  1455.1
 350.0    0.20    0.19   34.73   27.90    21.7   0.534  1455.5
 370.0    0.26    0.25   34.76   27.92    19.9   0.538  1456.2
 390.0    0.33    0.31   34.78   27.93    18.5   0.542  1456.8
 410.0    0.36    0.35   34.80   27.94    17.5   0.546  1457.4
 430.0    0.39    0.37   34.81   27.95    16.9   0.549  1457.9
 450.0    0.42    0.40   34.83   27.96    16.5   0.553  1458.3
 470.0    0.45    0.42   34.83   27.96    16.0   0.556  1458.8
 490.0    0.46    0.44   34.84   27.97    15.4   0.559  1459.2
 510.0    0.46    0.44   34.84   27.97    15.2   0.562  1459.5
 530.0    0.46    0.44   34.84   27.97    14.9   0.565  1459.9
 550.0    0.45    0.43   34.85   27.98    14.5   0.568  1460.2
 570.0    0.43    0.40   34.85   27.98    14.2   0.571  1460.4
 590.0    0.40    0.38   34.85   27.99    13.9   0.574  1460.6
 610.0    0.38    0.35   34.85   27.99    13.6   0.577  1460.8
 630.0    0.36    0.33   34.86   27.99    13.3   0.580  1461.1
 650.0    0.34    0.31   34.86   27.99    12.9   0.582  1461.3
 670.0    0.31    0.28   34.86   28.00    12.6   0.585  1461.5
 690.0    0.28    0.25   34.86   28.00    12.2   0.587  1461.7
 710.0    0.25    0.22   34.87   28.00    11.9   0.590  1461.9
 729.3    0.22    0.19   34.87   28.01    11.3   0.592  1462.1

                          DEPTH       TEMP.       SALIN

       BUT NUM = 1          4.6       -1.64       30.45
       BUT NUM = 2         45.5                   30.44
       BUT NUM = 3        250.0       -0.62       34.28
       BUT NUM = 4        499.4        0.47       34.83
       BUT NUM = 5        729.3        0.23       34.86
```

```
BIG BEAR STATION 151(1) STD  13/MAY/1975  415 GMT  CODE = 2
LAT = 76.3520N LNG = 145.1810W LTER =     1, LGER =     2,
AIR TEMP =   -8.5 BAROM = 1037.8 WIND = 348.5 SPEED =  62.0

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.66   -1.66   30.44   24.51   343.7   0.000  1435.1
   5.0   -1.66   -1.66   30.44   24.51   343.7   0.017  1435.2
   6.3   -1.66   -1.66   30.44   24.51   343.6   0.022  1435.2
  10.0   -1.66   -1.66   30.45   24.51   343.4   0.035  1435.2
  15.0   -1.66   -1.66   30.45   24.51   343.4   0.052  1435.3
  20.0   -1.66   -1.66   30.45   24.51   343.2   0.069  1435.4
  25.0   -1.66   -1.66   30.45   24.51   343.1   0.086  1435.5
  30.0   -1.66   -1.66   30.45   24.51   343.0   0.104  1435.6
  35.0   -1.66   -1.66   30.45   24.51   342.9   0.121  1435.7
  40.0   -1.66   -1.66   30.45   24.51   342.9   0.138  1435.7
  45.0   -1.66   -1.66   30.45   24.51   342.8   0.156  1435.8
  50.0   -1.66   -1.66   30.45   24.51   342.7   0.173  1435.9
  55.0   -1.66   -1.66   30.45   24.51   342.7   0.190  1436.0
  60.0   -1.66   -1.66   30.45   24.51   342.5   0.207  1436.1
  65.0   -1.36   -1.36   30.91   24.87   307.9   0.224  1438.2
  70.0   -1.15   -1.15   31.37   25.24   272.8   0.238  1440.0
  80.0   -1.11   -1.11   31.82   25.61   238.4   0.264  1440.9
  90.0   -1.23   -1.23   32.12   25.85   215.2   0.287  1441.0
 100.0   -1.31   -1.31   32.29   25.99   201.5   0.308  1441.0
 110.0   -1.38   -1.38   32.46   26.13   188.4   0.328  1441.1
 120.0   -1.43   -1.43   32.60   26.25   177.2   0.346  1441.2
 130.0   -1.46   -1.47   32.71   26.33   169.0   0.364  1441.3
 140.0   -1.48   -1.49   32.80   26.41   161.7   0.380  1441.5
 150.0   -1.50   -1.51   32.89   26.49   154.4   0.396  1441.7
 160.0   -1.52   -1.52   32.99   26.56   147.1   0.411  1442.0
 170.0   -1.52   -1.53   33.08   26.63   140.1   0.426  1442.2
 180.0   -1.51   -1.52   33.19   26.73   131.4   0.440  1442.6
 190.0   -1.48   -1.49   33.34   26.84   120.4   0.452  1443.1
 200.0   -1.41   -1.41   33.52   26.99   106.7   0.464  1443.9
 210.0   -1.27   -1.28   33.72   27.15    91.7   0.474  1445.0
 220.0   -1.12   -1.12   33.89   27.28    78.8   0.482  1446.1
 230.0   -0.95   -0.95   34.08   27.43    65.9   0.490  1447.4
 240.0   -0.78   -0.78   34.24   27.55    53.9   0.496  1448.5
 250.0   -0.60   -0.61   34.35   27.63    46.5   0.501  1449.7
 260.0   -0.48   -0.49   34.42   27.68    41.3   0.505  1450.5
 270.0   -0.36   -0.37   34.49   27.73    36.6   0.509  1451.3
 280.0   -0.25   -0.26   34.55   27.78    32.9   0.513  1452.1
 290.0   -0.14   -0.15   34.60   27.81    29.6   0.516  1452.8
 300.0   -0.06   -0.07   34.63   27.83    27.7   0.519  1453.4
 310.0    0.03    0.01   34.67   27.86    25.4   0.521  1454.0
 320.0    0.09    0.07   34.69   27.87    23.9   0.524  1454.5
 330.0    0.13    0.12   34.71   27.89    22.5   0.526  1454.9
 340.0    0.19    0.17   34.73   27.90    21.2   0.528  1455.3
 350.0    0.24    0.23   34.75   27.91    20.2   0.530  1455.8
 370.0    0.30    0.28   34.78   27.93    18.7   0.534  1456.4
 390.0    0.35    0.33   34.79   27.94    17.8   0.538  1456.9
 410.0    0.38    0.36   34.81   27.95    17.0   0.542  1457.4
 430.0    0.41    0.39   34.82   27.96    16.4   0.545  1457.9
 450.0    0.43    0.41   34.83   27.96    15.7   0.548  1458.4
 470.0    0.45    0.43   34.84   27.97    15.4   0.551  1458.8
 490.0    0.47    0.44   34.84   27.97    15.0   0.554  1459.2
 510.0    0.47    0.44   34.85   27.98    14.8   0.557  1459.6
 530.0    0.46    0.43   34.85   27.98    14.4   0.560  1459.8
 550.0    0.43    0.41   34.85   27.98    14.1   0.563  1460.1
 570.0    0.42    0.39   34.86   27.99    13.7   0.566  1460.3
 590.0    0.41    0.38   34.86   27.99    13.3   0.569  1460.6
 610.0    0.38    0.35   34.86   27.99    13.0   0.571  1460.8
 630.0    0.35    0.32   34.86   28.00    12.6   0.574  1461.0
 650.0    0.32    0.29   34.86   28.00    12.5   0.577  1461.2
 670.0    0.29    0.26   34.87   28.00    12.2   0.579  1461.5
 690.0    0.26    0.23   34.87   28.00    11.9   0.581  1461.7
 710.0    0.24    0.21   34.87   28.01    11.7   0.584  1461.9
 729.3    0.21    0.18   34.87   28.01    11.2   0.586  1462.1

                          DEPTH       TEMP.       SALIN

       BOT NUM = 1          4.8                   30.43
       BOT NUM = 2         55.9                   30.43
       BOT NUM = 3        250.6       -0.61       34.30
       BOT NUM = 4        499.8        0.46       34.83
       BOT NUM = 5        729.3        0.22       34.86
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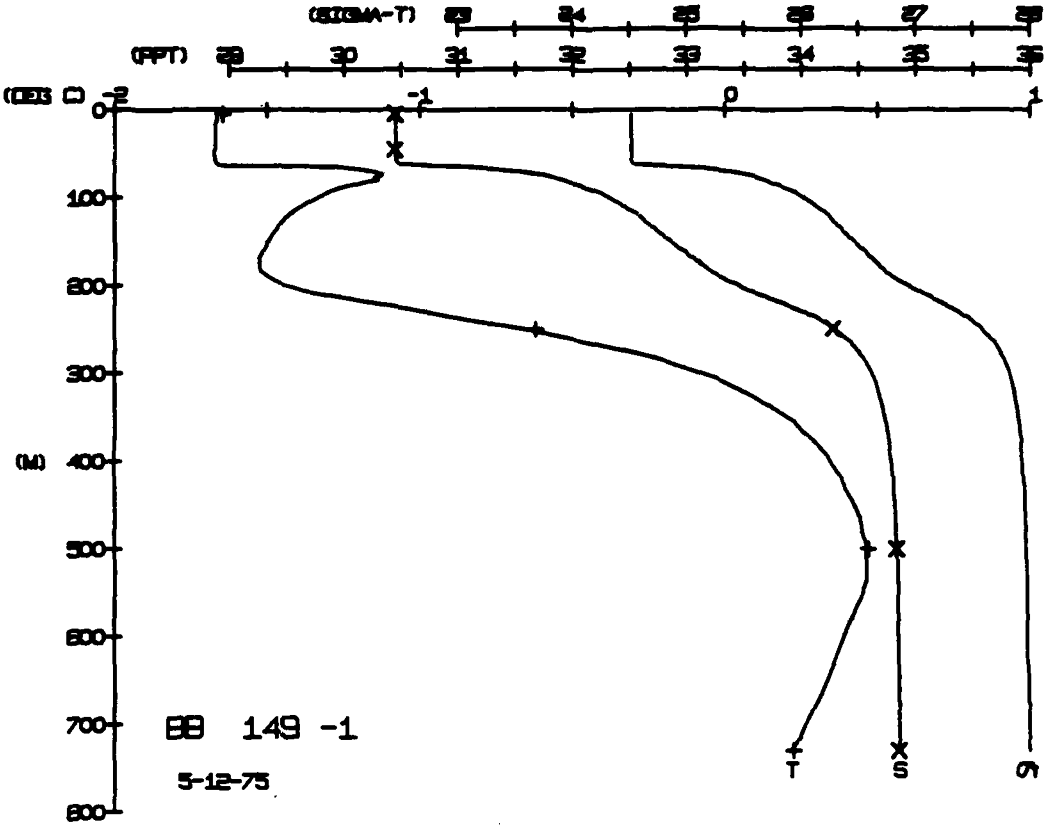

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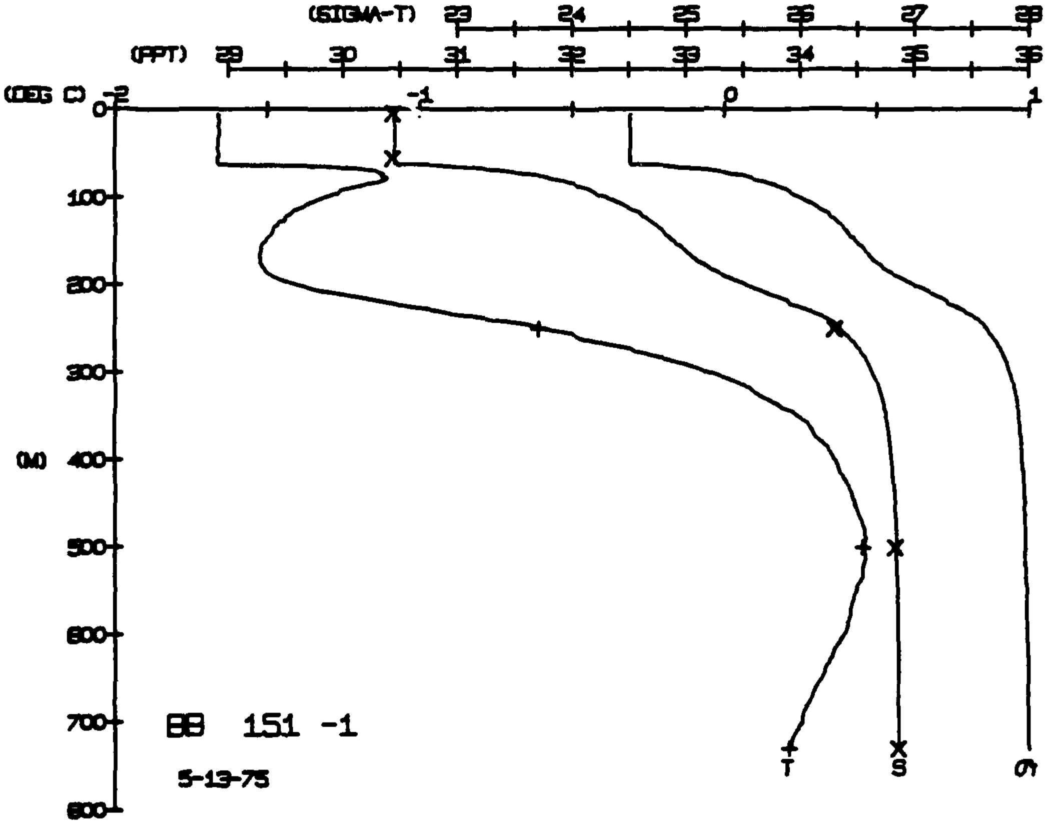
5-12-75



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5-13-75

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BIG BEAR STATION 153(1) STD  13/MAY/1975 1815 GMT  CODE = 2
LAT = 76.3147N LNG = 145.2312W LTER =      0. LGER =      1.
AIR TEMP =   -0.5 BARON = 1030.3 WIND = 340.5 SPEED =  62.0

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.65   -1.65   30.44   24.50   344.2   0.000  1435.1
   5.0   -1.65   -1.65   30.44   24.50   344.2   0.017  1435.2
   5.0   -1.65   -1.65   30.44   24.50   344.2   0.017  1435.2
  10.0   -1.65   -1.65   30.44   24.50   344.0   0.035  1435.3
  15.0   -1.65   -1.65   30.44   24.50   343.9   0.052  1435.3
  20.0   -1.65   -1.65   30.44   24.50   343.9   0.069  1435.4
  25.0   -1.65   -1.65   30.44   24.50   343.7   0.087  1435.5
  30.0   -1.65   -1.65   30.44   24.50   343.6   0.104  1435.6
  35.0   -1.66   -1.66   30.44   24.50   343.6   0.121  1435.7
  40.0   -1.66   -1.66   30.44   24.50   343.5   0.139  1435.8
  45.0   -1.66   -1.66   30.44   24.50   343.4   0.156  1435.8
  50.0   -1.66   -1.66   30.44   24.50   343.3   0.173  1435.9
  55.0   -1.66   -1.66   30.44   24.50   343.3   0.190  1436.0
  60.0   -1.64   -1.64   30.44   24.50   343.2   0.208  1436.1
  65.0   -1.20   -1.20   30.91   24.88   307.6   0.224  1438.6
  70.0   -1.13   -1.13   31.39   25.23   273.9   0.239  1440.0
  80.0   -1.13   -1.14   31.87   25.65   234.3   0.264  1440.9
  90.0   -1.24   -1.24   32.13   25.86   214.3   0.287  1440.9
 100.0   -1.33   -1.33   32.32   26.01   199.8   0.308  1440.9
 110.0   -1.39   -1.39   32.45   26.13   188.1   0.327  1441.0
 120.0   -1.43   -1.43   32.58   26.23   178.9   0.346  1441.1
 130.0   -1.46   -1.46   32.69   26.32   170.3   0.364  1441.3
 140.0   -1.48   -1.49   32.79   26.40   162.4   0.380  1441.5
 150.0   -1.51   -1.51   32.90   26.49   154.0   0.396  1441.7
 160.0   -1.52   -1.53   33.01   26.59   145.6   0.411  1442.0
 170.0   -1.52   -1.53   33.12   26.67   137.0   0.426  1442.3
 180.0   -1.50   -1.51   33.22   26.75   128.9   0.439  1442.7
 190.0   -1.47   -1.48   33.34   26.85   119.8   0.452  1443.2
 200.0   -1.39   -1.39   33.51   26.99   105.2   0.463  1444.0
 210.0   -1.23   -1.24   33.72   27.15    91.5   0.473  1445.2
 220.0   -1.07   -1.08   33.92   27.30    77.2   0.482  1446.4
 230.0   -0.90   -0.91   34.10   27.44    64.0   0.489  1447.6
 240.0   -0.72   -0.72   34.25   27.54    54.5   0.495  1448.9
 250.0   -0.55   -0.56   34.35   27.63    46.1   0.500  1449.9
 260.0   -0.43   -0.44   34.44   27.70    40.2   0.504  1450.8
 270.0   -0.30   -0.31   34.51   27.74    35.8   0.508  1451.6
 280.0   -0.20   -0.21   34.57   27.79    31.9   0.511  1452.3
 290.0   -0.11   -0.12   34.61   27.81    29.3   0.515  1453.0
 300.0   -0.02   -0.03   34.64   27.84    27.3   0.517  1453.6
 310.0    0.04    0.03   34.67   27.86    25.4   0.520  1454.1
 320.0    0.11    0.09   34.69   27.87    23.9   0.523  1454.5
 330.0    0.15    0.14   34.72   27.89    22.4   0.525  1455.0
 340.0    0.20    0.19   34.73   27.90    21.3   0.527  1455.4
 350.0    0.25    0.23   34.75   27.91    20.3   0.529  1455.8
 370.0    0.30    0.28   34.78   27.93    18.8   0.533  1456.4
 390.0    0.35    0.33   34.80   27.94    17.5   0.537  1457.0
 410.0    0.39    0.37   34.81   27.95    16.7   0.540  1457.5
 430.0    0.41    0.39   34.82   27.96    16.3   0.544  1457.9
 450.0    0.43    0.41   34.83   27.97    15.5   0.547  1458.4
 470.0    0.45    0.43   34.84   27.97    15.2   0.550  1458.8
 490.0    0.45    0.43   34.84   27.97    14.8   0.553  1459.2
 510.0    0.45    0.43   34.85   27.98    14.5   0.556  1459.5
 530.0    0.45    0.42   34.85   27.98    14.1   0.559  1459.8
 550.0    0.43    0.40   34.86   27.99    13.8   0.562  1460.1
 570.0    0.40    0.38   34.86   27.99    13.4   0.564  1460.3
 590.0    0.38    0.35   34.86   27.99    13.1   0.567  1460.5
 610.0    0.36    0.33   34.86   28.00    12.6   0.570  1460.7
 630.0    0.33    0.30   34.87   28.00    12.4   0.572  1461.0
 650.0    0.30    0.27   34.87   28.00    12.1   0.575  1461.1
 670.0    0.29    0.26   34.87   28.00    12.0   0.577  1461.5
 690.0    0.27    0.24   34.87   28.01    11.8   0.580  1461.7
 710.0    0.23    0.20   34.87   28.01    11.4   0.582  1461.9

                       DEPTH     TEMP.     SALIN

        BOT NUM = 1      4.2     -1.64     30.43
        BUT NUM = 2     57.0               30.45
        BUT NUM = 3    249.9     -0.64     34.33
        BUT NUM = 4    499.3      0.47     34.85
        BUT NUM = 5    729.2      0.21     34.80
```

```
BIG BEAR STATION 155(1) STD  14/MAY/1975  415 GMT  CODE = 2
LAT = 76.2893N LNG = 145.1745W LTER =      0. LGER =      0.
AIR TEMP = -10.8 BARON = 1036.0 WIND = 294.7 SPEED =  52.4

DEPTH     TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.64   -1.64   30.43   24.49   344.8   0.000  1435.1
   5.0   -1.64   -1.64   30.43   24.49   344.8   0.017  1435.2
   5.0   -1.64   -1.64   30.43   24.49   344.8   0.017  1435.2
  10.0   -1.64   -1.64   30.43   24.49   344.7   0.035  1435.3
  15.0   -1.64   -1.64   30.43   24.49   344.6   0.052  1435.4
  20.0   -1.64   -1.64   30.43   24.49   344.5   0.069  1435.5
  25.0   -1.64   -1.64   30.43   24.49   344.5   0.087  1435.5
  30.0   -1.64   -1.64   30.43   24.49   344.4   0.104  1435.6
  35.0   -1.64   -1.64   30.43   24.50   344.3   0.121  1435.7
  40.0   -1.64   -1.64   30.43   24.50   344.3   0.139  1435.8
  45.0   -1.64   -1.64   30.43   24.50   344.2   0.156  1435.9
  50.0   -1.64   -1.64   30.44   24.50   343.8   0.173  1436.0
  55.0   -1.65   -1.65   30.44   24.50   343.9   0.191  1436.0
  60.0   -1.61   -1.61   30.62   24.65   329.7   0.208  1436.5
  65.0   -1.25   -1.25   31.11   25.04   292.5   0.223  1439.0
  70.0   -1.12   -1.12   31.55   25.39   259.2   0.237  1440.3
  80.0   -1.16   -1.16   31.95   25.71   228.4   0.262  1440.9
  90.0   -1.28   -1.28   32.18   25.90   210.5   0.284  1440.8
 100.0   -1.35   -1.35   32.35   26.04   196.8   0.305  1440.9
 110.0   -1.40   -1.40   32.49   26.16   185.7   0.324  1441.0
 120.0   -1.43   -1.44   32.60   26.25   177.0   0.342  1441.2
 130.0   -1.47   -1.47   32.70   26.33   169.7   0.360  1441.3
 140.0   -1.49   -1.50   32.81   26.41   161.2   0.376  1441.5
 150.0   -1.51   -1.51   32.91   26.50   153.4   0.392  1441.7
 160.0   -1.52   -1.53   33.01   26.58   145.1   0.407  1442.0
 170.0   -1.52   -1.53   33.13   26.67   136.5   0.421  1442.3
 180.0   -1.50   -1.51   33.24   26.76   128.0   0.435  1442.7
 190.0   -1.46   -1.46   33.37   26.87   117.8   0.447  1443.3
 200.0   -1.38   -1.39   33.53   27.00   105.9   0.458  1444.0
 210.0   -1.26   -1.26   33.71   27.14    92.5   0.469  1445.0
 220.0   -1.06   -1.07   33.93   27.31    76.5   0.477  1446.4
 230.0   -0.86   -0.87   34.14   27.47    61.2   0.484  1447.8
 240.0   -0.69   -0.70   34.27   27.57    51.8   0.490  1449.0
 250.0   -0.54   -0.55   34.37   27.64    45.1   0.495  1450.0
 260.0   -0.42   -0.43   34.44   27.70    39.9   0.499  1450.8
 270.0   -0.29   -0.30   34.51   27.75    35.2   0.503  1451.7
 280.0   -0.18   -0.19   34.57   27.79    31.9   0.506  1452.4
 290.0   -0.09   -0.11   34.60   27.81    29.5   0.509  1453.0
 300.0   -0.02   -0.03   34.64   27.84    27.1   0.512  1453.6
 310.0    0.05    0.03   34.67   27.86    25.2   0.515  1454.1
 320.0    0.09    0.08   34.69   27.88    23.7   0.517  1454.5
 330.0    0.14    0.13   34.72   27.89    22.3   0.519  1454.9
 340.0    0.19    0.18   34.74   27.90    21.1   0.522  1455.3
 350.0    0.23    0.21   34.75   27.91    20.3   0.524  1455.7
 370.0    0.30    0.28   34.78   27.93    18.8   0.528  1456.4
 390.0    0.34    0.33   34.80   27.94    17.6   0.531  1456.9
 410.0    0.37    0.36   34.81   27.95    16.8   0.535  1457.4
 430.0    0.40    0.39   34.82   27.96    16.2   0.538  1457.9
 450.0    0.43    0.41   34.83   27.97    15.7   0.541  1458.3
 470.0    0.45    0.43   34.84   27.97    15.1   0.545  1458.8
 490.0    0.46    0.44   34.84   27.97    14.9   0.548  1459.2
 510.0    0.45    0.43   34.85   27.98    14.5   0.551  1459.5
 530.0    0.44    0.42   34.85   27.98    14.2   0.553  1459.8
 550.0    0.43    0.40   34.85   27.99    13.8   0.556  1460.1
 570.0    0.42    0.39   34.86   27.99    13.6   0.559  1460.3
 590.0    0.41    0.38   34.86   27.99    13.4   0.562  1460.6
 610.0    0.39    0.36   34.86   27.99    13.1   0.564  1460.9
 630.0    0.36    0.33   34.86   28.00    12.8   0.567  1461.1
 650.0    0.33    0.31   34.87   28.00    12.5   0.570  1461.3
 670.0    0.30    0.27   34.87   28.00    12.1   0.572  1461.5
 690.0    0.27    0.24   34.87   28.00    11.9   0.575  1461.7
 710.0    0.25    0.22   34.87   28.01    11.7   0.577  1461.9
 728.6    0.22    0.19   34.87   28.01    11.3   0.579  1462.1

                       DEPTH     TEMP.     SALIN

        BOT NUM = 1      4.2     -1.67     30.43
        BUT NUM = 2     55.6               30.43
        BOT NUM = 3    249.9     -0.63     34.30
        BOT NUM = 4    500.3      0.47     34.85
        BOT NUM = 5    729.3      0.23     34.87
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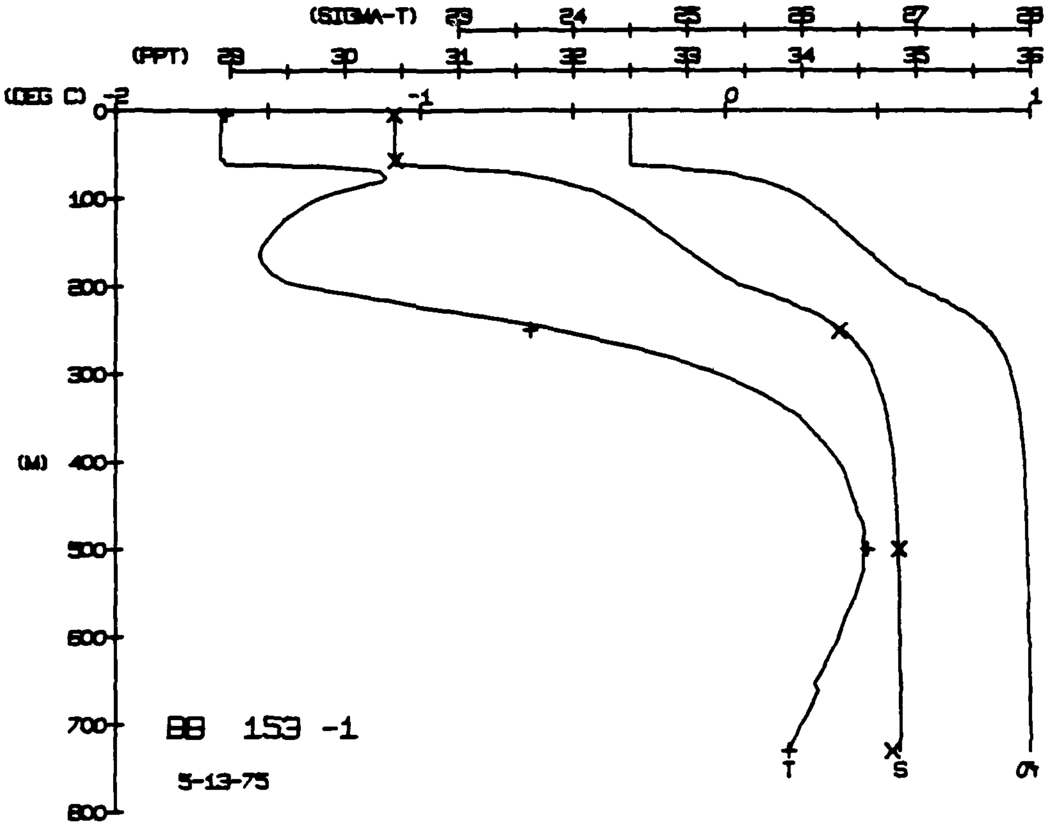
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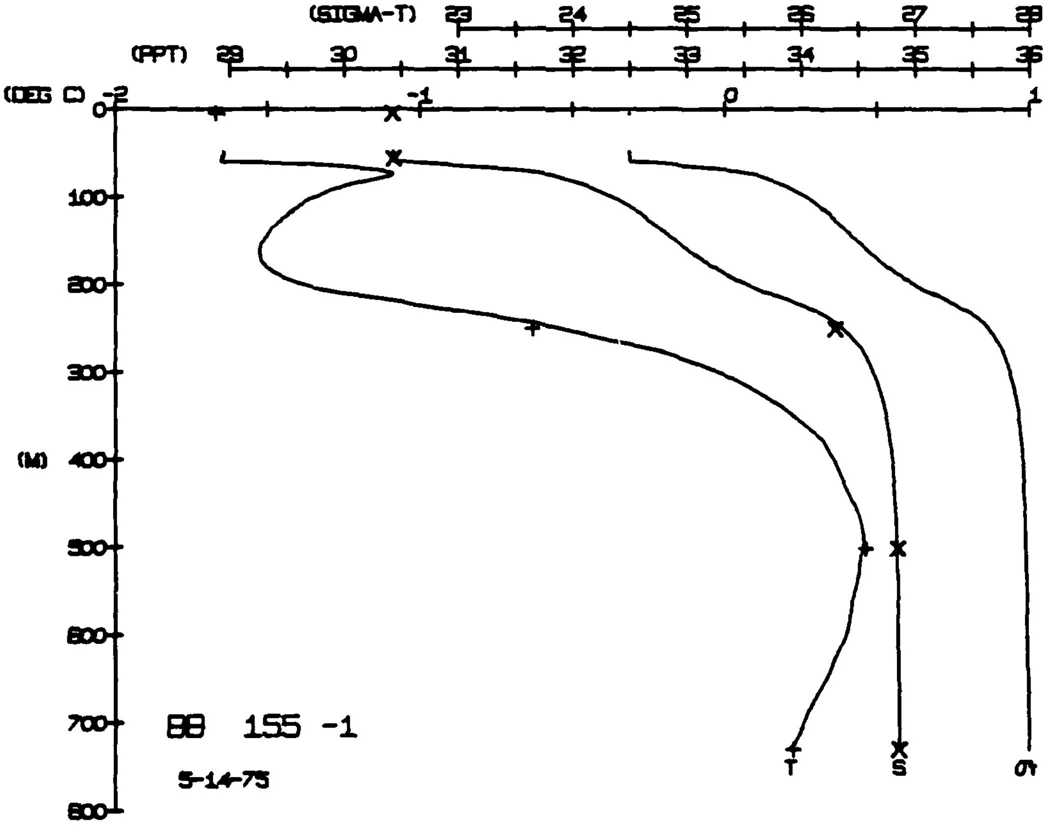
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0 100 200 300 400 500 600 700 800
(M)
BB 155 -1
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BIG BEAR STATION 157(1) STD  14/MAY/1975 1715 GMT  CODE = 2
LAT = 76.2607N LNG = 145.0021W LTER =    1, LGER =   24
AIR TEMP = -10.8 BAROM = 1030.7 WIND = 294.7 SPEED =  52.4

 DEPTH    TEMP   PTEMP   SALIN  SIG T   SPVUL   DINHT  SOUND

   0.0   -1.64   -1.64   30.42  24.48   345.8   0.000  1435.1
   5.0   -1.64   -1.64   30.42  24.48   345.7   0.017  1435.2
   6.5   -1.64   -1.64   30.42  24.48   345.7   0.023  1435.3
  10.0   -1.64   -1.64   30.42  24.49   345.6   0.035  1435.3
  15.0   -1.64   -1.64   30.42  24.49   345.4   0.052  1435.4
  20.0   -1.64   -1.64   30.42  24.49   345.4   0.070  1435.5
  25.0   -1.63   -1.64   30.42  24.49   345.3   0.087  1435.6
  30.0   -1.63   -1.63   30.42  24.49   345.3   0.104  1435.7
  35.0   -1.63   -1.63   30.42  24.49   345.1   0.122  1435.7
  40.0   -1.63   -1.63   30.42  24.49   345.1   0.139  1435.8
  45.0   -1.63   -1.63   30.42  24.49   344.9   0.157  1435.9
  50.0   -1.63   -1.63   30.42  24.49   344.6   0.174  1436.0
  55.0   -1.65   -1.65   30.43  24.49   344.2   0.191  1436.0
  60.0   -1.65   -1.65   30.43  24.49   344.1   0.209  1436.1
  65.0   -1.56   -1.56   30.73  24.73   321.4   0.225  1437.0
  70.0   -1.23   -1.23   31.13  25.06   290.8   0.241  1439.3
  80.0   -1.09   -1.09   31.79  25.58   240.8   0.268  1441.0
  90.0   -1.21   -1.21   32.06  25.81   219.4   0.291  1440.9
 100.0   -1.31   -1.31   32.27  25.97   203.1   0.312  1441.0
 110.0   -1.36   -1.36   32.41  26.09   192.1   0.332  1441.1
 120.0   -1.41   -1.41   32.53  26.20   181.9   0.351  1441.2
 130.0   -1.45   -1.45   32.65  26.29   173.1   0.369  1441.3
 140.0   -1.48   -1.48   32.78  26.37   165.0   0.386  1441.5
 150.0   -1.49   -1.49   32.88  26.46   157.2   0.402  1441.8
 160.0   -1.52   -1.52   32.98  26.54   149.2   0.418  1441.9
 170.0   -1.53   -1.53   33.05  26.61   142.1   0.432  1442.2
 180.0   -1.52   -1.52   33.15  26.69   134.8   0.446  1442.5
 190.0   -1.51   -1.51   33.25  26.77   126.9   0.459  1442.9
 200.0   -1.45   -1.46   33.40  26.89   115.6   0.472  1443.5
 210.0   -1.38   -1.39   33.54  27.00   105.2   0.483  1444.2
 220.0   -1.22   -1.23   33.74  27.16    90.2   0.493  1445.4
 230.0   -1.06   -1.06   33.93  27.31    76.0   0.501  1446.6
 240.0   -0.86   -0.87   34.13  27.46    61.9   0.508  1448.0
 250.0   -0.70   -0.71   34.27  27.57    51.7   0.514  1449.1
 260.0   -0.57   -0.58   34.35  27.63    46.1   0.519  1450.0
 270.0   -0.46   -0.46   34.43  27.69    40.9   0.523  1450.8
 280.0   -0.33   -0.34   34.50  27.74    36.4   0.527  1451.6
 290.0   -0.22   -0.23   34.55  27.78    32.9   0.531  1452.4
 300.0   -0.13   -0.14   34.59  27.80    30.1   0.534  1453.0
 310.0   -0.04   -0.05   34.63  27.83    27.8   0.537  1453.6
 320.0    0.02    0.01   34.66  27.85    25.8   0.539  1454.1
 330.0    0.07    0.06   34.69  27.87    24.2   0.542  1454.6
 340.0    0.12    0.11   34.71  27.89    22.7   0.544  1455.0
 350.0    0.17    0.16   34.73  27.90    21.5   0.546  1455.4
 370.0    0.26    0.24   34.76  27.92    19.6   0.551  1456.2
 390.0    0.31    0.30   34.79  27.94    18.2   0.554  1456.8
 410.0    0.35    0.34   34.80  27.95    17.3   0.558  1457.3
 430.0    0.39    0.37   34.81  27.95    16.6   0.561  1457.8
 450.0    0.41    0.39   34.82  27.96    16.0   0.565  1458.2
 470.0    0.43    0.41   34.83  27.97    15.5   0.568  1458.7
 490.0    0.44    0.42   34.84  27.97    15.0   0.571  1459.1
 510.0    0.45    0.43   34.84  27.98    14.7   0.574  1459.5
 530.0    0.45    0.42   34.85  27.98    14.3   0.577  1459.8
 550.0    0.44    0.42   34.85  27.98    14.1   0.580  1460.1
 570.0    0.42    0.39   34.86  27.99    13.6   0.583  1460.3
 590.0    0.40    0.37   34.86  27.99    13.2   0.585  1460.6
 610.0    0.38    0.35   34.86  28.00    12.9   0.588  1460.8
 630.0    0.36    0.33   34.86  28.00    12.7   0.591  1461.1
 650.0    0.33    0.30   34.87  28.00    12.2   0.593  1461.3
 670.0    0.29    0.26   34.87  28.00    11.9   0.596  1461.5
 690.0    0.27    0.24   34.87  28.01    11.6   0.598  1461.7
 710.0    0.24    0.21   34.87  28.01    11.4   0.600  1461.9
 729.1    0.22    0.18   34.87  28.01    11.1   0.602  1462.1

                          DEPTH       TEMP.       SALIN

        BUT NUM = 1          4.2      -1.63       30.41
        BUT NUM = 2         50.2                  30.42
        BUT NUM = 3        249.3      -0.66       34.28
        BUT NUM = 4        495.0       0.46       34.85
        BUT NUM = 5        729.1       0.22       34.87
```

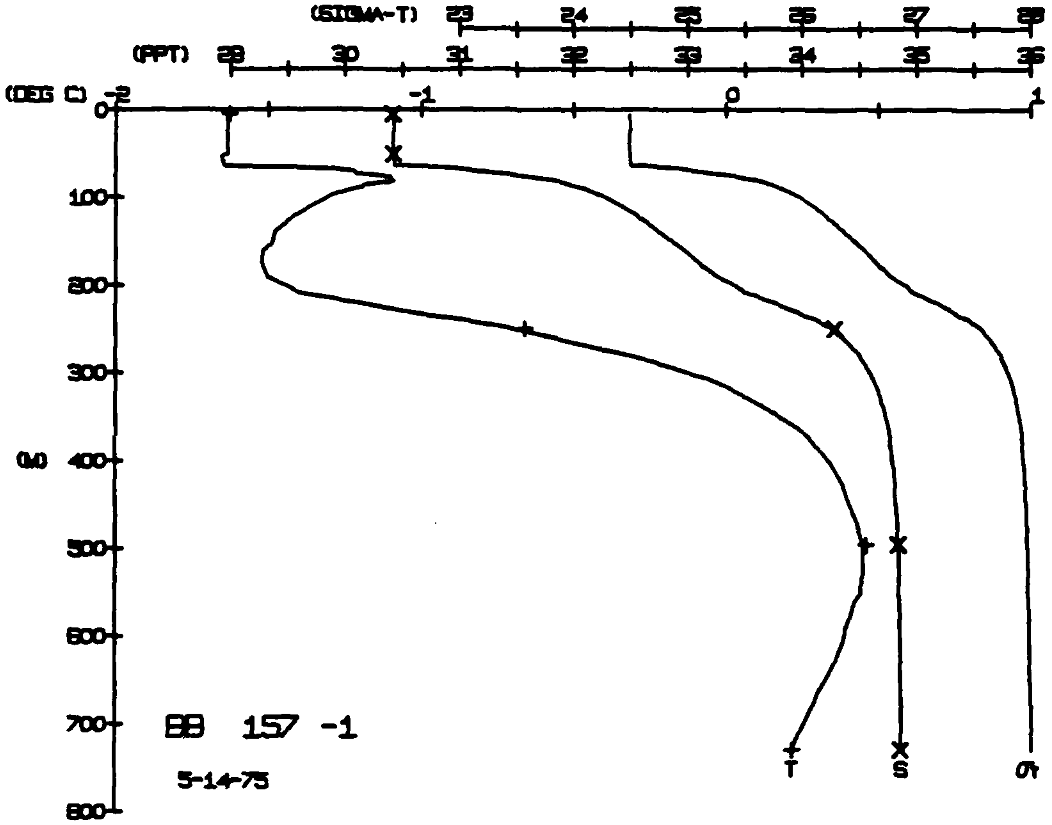
```
BIG BEAR STATION 159(1) STD  15/MAY/1975  400 GMT  CODE = 2
LAT = 76.2349N LNG = 144.9540W LTER =   13, LGER =   38
AIR TEMP =  -9.4 BAROM = 1021.6 WIND = 274.4 SPEED =  67.8

 DEPTH    TEMP   PTEMP   SALIN  SIG T   SPVUL   DINHT  SOUND

   0.0   -1.66   -1.66   30.42  24.49   345.6   0.000  1435.1
   5.0   -1.66   -1.66   30.42  24.49   345.6   0.017  1435.1
  10.0   -1.66   -1.66   30.42  24.49   345.5   0.035  1435.2
  12.2   -1.66   -1.66   30.42  24.49   345.5   0.042  1435.3
  15.0   -1.66   -1.66   30.42  24.49   345.4   0.052  1435.3
  20.0   -1.66   -1.66   30.42  24.49   345.4   0.070  1435.4
  25.0   -1.66   -1.66   30.42  24.49   345.3   0.087  1435.5
  30.0   -1.66   -1.66   30.42  24.49   345.3   0.104  1435.5
  35.0   -1.66   -1.66   30.42  24.49   345.2   0.122  1435.6
  40.0   -1.66   -1.66   30.42  24.49   345.2   0.139  1435.7
  45.0   -1.66   -1.66   30.42  24.49   345.1   0.157  1435.8
  50.0   -1.66   -1.66   30.42  24.49   344.9   0.174  1435.9
  55.0   -1.66   -1.66   30.42  24.49   344.8   0.191  1436.0
  60.0   -1.63   -1.64   30.46  24.52   341.9   0.209  1436.2
  65.0   -1.24   -1.24   31.06  25.00   296.3   0.225  1439.0
  70.0   -1.13   -1.13   31.47  25.33   264.9   0.239  1440.2
  80.0   -1.18   -1.18   31.90  25.68   231.8   0.264  1440.7
  90.0   -1.27   -1.27   32.14  25.87   213.1   0.286  1440.8
 100.0   -1.34   -1.35   32.32  26.02   198.9   0.307  1440.9
 110.0   -1.39   -1.40   32.45  26.12   189.1   0.327  1441.0
 120.0   -1.43   -1.44   32.57  26.22   179.3   0.345  1441.1
 130.0   -1.46   -1.47   32.68  26.31   170.8   0.363  1441.3
 140.0   -1.48   -1.49   32.78  26.39   163.1   0.380  1441.5
 150.0   -1.51   -1.51   32.89  26.48   154.9   0.396  1441.7
 160.0   -1.52   -1.52   32.99  26.56   147.2   0.411  1441.9
 170.0   -1.53   -1.53   33.09  26.64   139.2   0.425  1442.2
 180.0   -1.52   -1.52   33.19  26.73   131.1   0.439  1442.6
 190.0   -1.49   -1.49   33.32  26.83   121.2   0.452  1443.1
 200.0   -1.43   -1.43   33.45  26.94   111.4   0.464  1443.7
 210.0   -1.32   -1.33   33.63  27.08    98.1   0.474  1444.6
 220.0   -1.17   -1.18   33.82  27.22    84.3   0.483  1445.8
 230.0   -0.99   -1.00   34.00  27.36    71.2   0.491  1447.0
 240.0   -0.80   -0.81   34.16  27.49    59.4   0.498  1448.3
 250.0   -0.66   -0.67   34.28  27.58    51.0   0.503  1449.3
 260.0   -0.51   -0.52   34.37  27.65    44.7   0.508  1450.3
 270.0   -0.37   -0.38   34.46  27.71    39.1   0.512  1451.2
 280.0   -0.26   -0.27   34.52  27.75    34.8   0.516  1452.0
 290.0   -0.17   -0.18   34.57  27.79    31.5   0.519  1452.6
 300.0   -0.09   -0.10   34.61  27.82    28.7   0.523  1453.2
 310.0   -0.02   -0.03   34.65  27.84    26.6   0.525  1453.8
 320.0    0.05    0.03   34.68  27.86    24.8   0.528  1454.3
 330.0    0.10    0.08   34.70  27.88    23.4   0.530  1454.7
 340.0    0.14    0.13   34.72  27.89    22.2   0.533  1455.1
 350.0    0.18    0.17   34.73  27.90    21.2   0.535  1455.4
 370.0    0.26    0.24   34.76  27.92    19.5   0.539  1456.2
 390.0    0.31    0.29   34.78  27.94    18.2   0.543  1456.8
 410.0    0.35    0.33   34.80  27.95    17.2   0.546  1457.3
 430.0    0.39    0.37   34.81  27.96    16.5   0.550  1457.8
 450.0    0.40    0.38   34.82  27.96    16.1   0.553  1458.2
 470.0    0.42    0.40   34.83  27.97    15.5   0.556  1458.7
 490.0    0.44    0.41   34.84  27.97    15.0   0.559  1459.1
 510.0    0.44    0.42   34.84  27.98    14.6   0.562  1459.4
 530.0    0.44    0.42   34.85  27.98    14.2   0.565  1459.8
 550.0    0.43    0.40   34.85  27.98    13.9   0.568  1460.1
 570.0    0.41    0.38   34.85  27.99    13.7   0.571  1460.3
 590.0    0.39    0.36   34.86  27.99    13.3   0.574  1460.6
 610.0    0.37    0.34   34.86  27.99    13.0   0.576  1460.8
 630.0    0.35    0.32   34.86  28.00    12.7   0.579  1461.0
 650.0    0.32    0.29   34.86  28.00    12.5   0.581  1461.3
 670.0    0.30    0.27   34.87  28.00    12.1   0.584  1461.5
 690.0    0.27    0.24   34.87  28.01    11.7   0.586  1461.7
 710.0    0.24    0.21   34.87  28.01    11.4   0.589  1461.9
 729.3    0.21    0.18   34.87  28.01    11.0   0.591  1462.1

                          DEPTH       TEMP.       SALIN

        BUT NUM = 1          4.6      -1.63       30.41
        BOT NUM = 2         49.8                  30.40
        BUT NUM = 3        249.9      -0.64       34.28
        BOT NUM = 4        499.0       0.46       34.84
        BUT NUM = 5        729.3       0.23       34.87
```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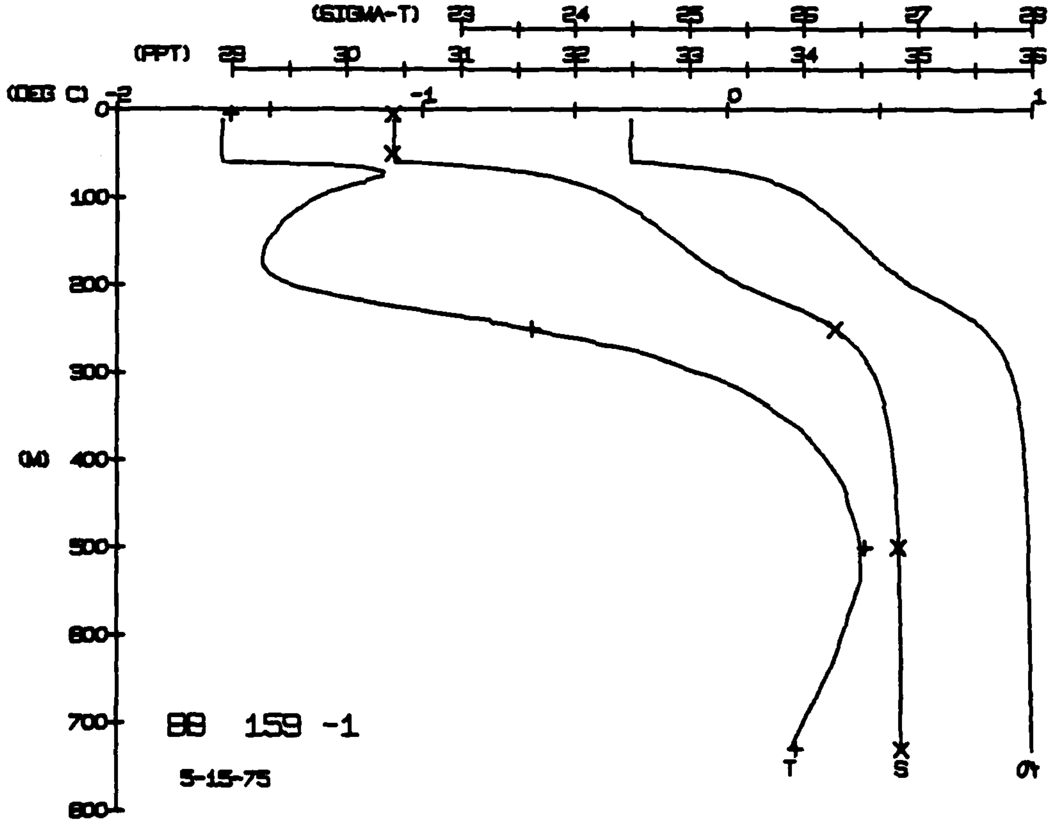
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(DEG C) -2 -1 0 1
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100
200
300
(M) 400
500
600
700
800
BB 159 -1
5-15-75
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S
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```
BIG BEAR STATION 161(1) STD  15/MAY/1975 1700 GMT  CODE = 2
LAT = 76.2034N LNG = 144.8972W LTER =      1. LGER =      2.
AIR TEMP =  -9.4 BAROM = 1016.8 WIND = 274.4 SPEED =  67.8

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DINHT  SOUND

   0.0   -1.67  -1.67  30.41  24.48  346.0  0.000  1435.0
   5.0   -1.67  -1.67  30.41  24.48  345.9  0.017  1435.1
   8.0   -1.67  -1.67  30.41  24.48  345.9  0.028  1435.1
  10.0   -1.67  -1.67  30.42  24.48  345.8  0.035  1435.2
  15.0   -1.67  -1.67  30.42  24.48  345.6  0.052  1435.3
  20.0   -1.67  -1.67  30.42  24.48  345.6  0.070  1435.3
  25.0   -1.67  -1.67  30.42  24.48  345.5  0.087  1435.4
  30.0   -1.67  -1.67  30.42  24.48  345.4  0.104  1435.5
  35.0   -1.67  -1.67  30.42  24.48  345.4  0.122  1435.6
  40.0   -1.67  -1.67  30.42  24.48  345.4  0.139  1435.7
  45.0   -1.67  -1.67  30.42  24.48  345.3  0.157  1435.8
  50.0   -1.66  -1.66  30.42  24.48  345.2  0.174  1435.9
  55.0   -1.65  -1.65  30.47  24.52  341.3  0.191  1436.1
  60.0   -1.23  -1.23  31.17  25.09  288.0  0.207  1439.1
  65.0   -1.09  -1.09  31.62  25.45  253.8  0.221  1440.5
  70.0   -1.12  -1.12  31.84  25.62  236.8  0.233  1440.8
  80.0   -1.21  -1.21  32.07  25.81  219.2  0.256  1440.8
  90.0   -1.29  -1.29  32.25  25.96  204.4  0.278  1440.9
 100.0   -1.36  -1.36  32.41  26.09  192.3  0.298  1440.9
 110.0   -1.41  -1.41  32.54  26.19  182.3  0.316  1441.0
 120.0   -1.45  -1.45  32.63  26.28  173.6  0.334  1441.2
 130.0   -1.48  -1.48  32.76  26.38  164.8  0.351  1441.3
 140.0   -1.49  -1.50  32.85  26.45  157.6  0.368  1441.6
 150.0   -1.51  -1.52  32.95  26.53  150.1  0.383  1441.8
 160.0   -1.52  -1.53  33.05  26.61  142.2  0.398  1442.0
 170.0   -1.52  -1.52  33.16  26.70  134.1  0.412  1442.4
 180.0   -1.51  -1.51  33.27  26.79  125.7  0.425  1442.7
 190.0   -1.46  -1.47  33.40  26.89  115.5  0.437  1443.3
 200.0   -1.38  -1.39  33.55  27.01  104.5  0.448  1444.0
 210.0   -1.24  -1.24  33.76  27.17   89.0  0.458  1445.2
 220.0   -1.08  -1.09  33.94  27.32   75.4  0.466  1446.4
 230.0   -0.91  -0.91  34.11  27.48   63.5  0.473  1447.6
 240.0   -0.71  -0.72  34.28  27.56   52.9  0.479  1448.8
 250.0   -0.53  -0.54  34.39  27.66   43.4  0.484  1450.0
 260.0   -0.40  -0.40  34.47  27.72   38.0  0.488  1450.9
 270.0   -0.27  -0.28  34.53  27.76   34.0  0.492  1451.8
 280.0   -0.17  -0.18  34.58  27.80   30.7  0.495  1452.5
 290.0   -0.08  -0.09  34.62  27.82   28.4  0.498  1453.1
 300.0    0.00  -0.02  34.65  27.85   26.1  0.501  1453.7
 310.0    0.05   0.04  34.68  27.87   24.2  0.503  1454.1
 320.0    0.10   0.09  34.71  27.89   22.8  0.506  1454.5
 330.0    0.15   0.14  34.72  27.90   21.7  0.508  1455.0
 340.0    0.19   0.18  34.74  27.91   20.7  0.510  1455.3
 350.0    0.23   0.21  34.76  27.92   19.8  0.512  1455.7
 370.0    0.28   0.26  34.78  27.93   18.4  0.516  1456.3
 390.0    0.32   0.30  34.80  27.95   17.3  0.520  1456.8
 410.0    0.36   0.35  34.81  27.95   16.5  0.523  1457.4
 430.0    0.39   0.37  34.82  27.96   16.0  0.526  1457.8
 450.0    0.41   0.39  34.83  27.97   15.4  0.530  1458.3
 470.0    0.43   0.41  34.84  27.97   14.9  0.533  1458.7
 490.0    0.44   0.42  34.85  27.98   14.5  0.536  1459.1
 510.0    0.45   0.42  34.85  27.98   14.3  0.539  1459.5
 530.0    0.44   0.41  34.85  27.98   13.9  0.541  1459.8
 550.0    0.42   0.40  34.86  27.99   13.5  0.544  1460.0
 570.0    0.40   0.38  34.86  27.99   13.2  0.547  1460.3
 590.0    0.38   0.36  34.86  28.00   12.9  0.550  1460.5
 610.0    0.36   0.33  34.87  28.00   12.5  0.552  1460.8
 630.0    0.34   0.31  34.87  28.00   12.3  0.555  1461.0
 650.0    0.31   0.28  34.87  28.00   12.1  0.557  1461.2
 670.0    0.28   0.25  34.87  28.01   11.8  0.559  1461.4
 690.0    0.27   0.24  34.87  28.01   11.5  0.562  1461.7
 710.0    0.24   0.21  34.87  28.01   11.3  0.564  1461.9

                      DEPTH      TEMP.      SALIN

       BOT NUM = 1      4.2      -1.65      30.40
       BOT NUM = 2     55.2                 30.41
       BOT NUM = 3    249.9      -0.64      34.27
       BOT NUM = 4    498.1       0.45      34.83
       BOT NUM = 5    729.6       0.22      34.87
```

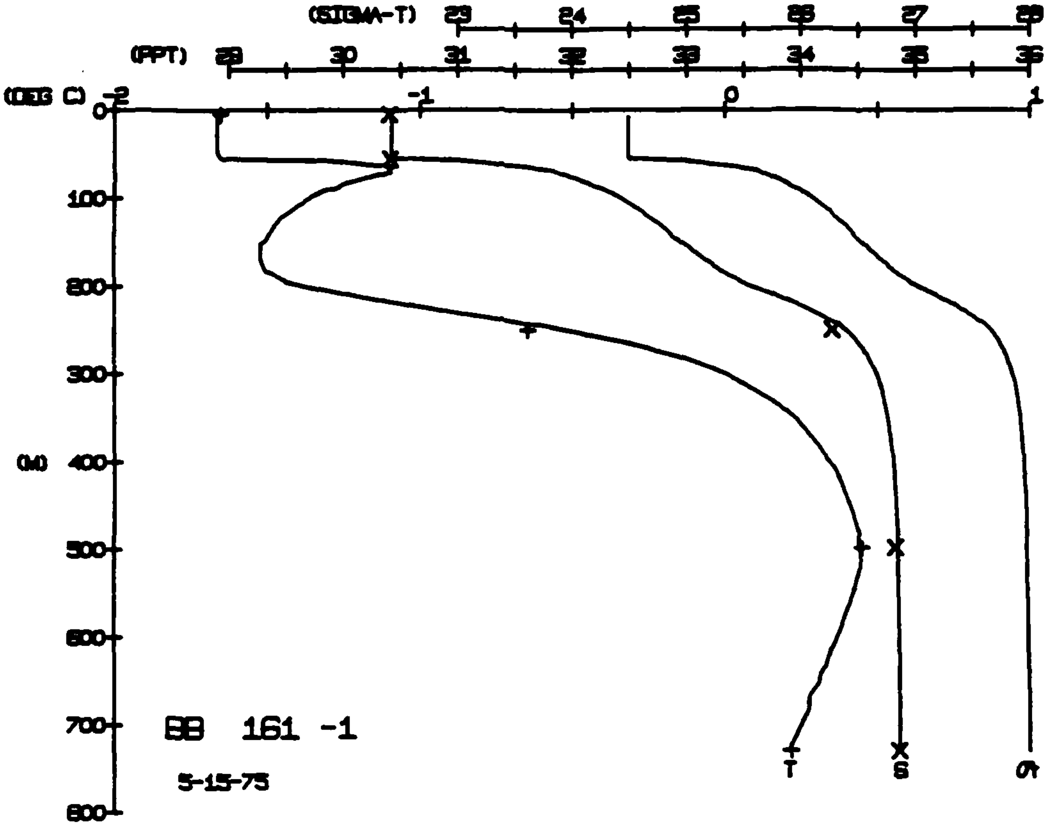
```
BIG BEAR STATION 163(1) STD  16/MAY/1975  400 GMT  CODE = 2
LAT = 76.1811N LNG = 144.9319W LTER =      1. LGER =      2.
AIR TEMP =  -7.9 BAROM = 1016.2 WIND = 301.0 SPEED =  23.7

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0   -1.67  -1.67  30.41  24.48  346.0  0.000  1435.0
   5.0   -1.67  -1.67  30.41  24.48  346.0  0.017  1435.1
   6.6   -1.67  -1.67  30.41  24.48  345.9  0.023  1435.1
  10.0   -1.67  -1.67  30.41  24.48  346.0  0.035  1435.1
  15.0   -1.67  -1.67  30.41  24.48  346.0  0.052  1435.2
  20.0   -1.67  -1.67  30.41  24.48  346.0  0.070  1435.3
  25.0   -1.67  -1.67  30.41  24.48  345.9  0.087  1435.4
  30.0   -1.67  -1.67  30.41  24.48  345.7  0.105  1435.5
  35.0   -1.67  -1.67  30.41  24.48  345.7  0.122  1435.6
  40.0   -1.67  -1.67  30.41  24.48  345.6  0.139  1435.6
  45.0   -1.67  -1.67  30.41  24.48  345.6  0.157  1435.7
  50.0   -1.67  -1.67  30.41  24.48  345.5  0.174  1435.8
  55.0   -1.67  -1.67  30.42  24.48  345.3  0.192  1435.9
  60.0   -1.62  -1.62  30.84  24.83  312.7  0.208  1436.8
  65.0   -1.13  -1.13  31.29  25.18  279.1  0.223  1439.8
  70.0   -1.07  -1.07  31.67  25.48  250.4  0.236  1440.7
  80.0   -1.16  -1.16  31.96  25.72  227.1  0.260  1440.9
  90.0   -1.25  -1.25  32.18  25.90  210.2  0.282  1440.9
 100.0   -1.34  -1.34  32.36  26.05  196.3  0.303  1440.9
 110.0   -1.39  -1.40  32.49  26.15  186.2  0.322  1441.0
 120.0   -1.44  -1.44  32.60  26.24  177.5  0.341  1441.1
 130.0   -1.47  -1.47  32.72  26.34  168.0  0.358  1441.3
 140.0   -1.48  -1.49  32.82  26.42  160.4  0.375  1441.6
 150.0   -1.50  -1.51  32.93  26.51  151.8  0.390  1441.8
 160.0   -1.51  -1.52  33.04  26.60  143.5  0.405  1442.1
 170.0   -1.51  -1.52  33.13  26.67  136.4  0.419  1442.3
 180.0   -1.51  -1.51  33.24  26.77  127.4  0.433  1442.7
 190.0   -1.46  -1.47  33.38  26.88  117.0  0.445  1443.3
 200.0   -1.38  -1.39  33.54  27.00  105.1  0.456  1444.1
 210.0   -1.28  -1.28  33.69  27.12   94.0  0.466  1444.9
 220.0   -1.12  -1.13  33.87  27.27   80.3  0.475  1446.1
 230.0   -0.95  -0.95  34.08  27.42   65.5  0.482  1447.3
 240.0   -0.75  -0.76  34.23  27.54   55.0  0.489  1448.6
 250.0   -0.58  -0.59  34.35  27.63   46.0  0.494  1449.7
 260.0   -0.45  -0.46  34.44  27.70   40.0  0.498  1450.7
 270.0   -0.31  -0.32  34.50  27.74   35.9  0.502  1451.5
 280.0   -0.21  -0.22  34.56  27.78   32.5  0.505  1452.2
 290.0   -0.12  -0.13  34.60  27.81   29.3  0.508  1452.9
 300.0   -0.04  -0.05  34.64  27.84   27.0  0.511  1453.5
 310.0    0.03   0.02  34.67  27.86   25.3  0.514  1454.0
 320.0    0.09   0.07  34.69  27.88   23.6  0.516  1454.5
 330.0    0.14   0.13  34.71  27.89   22.5  0.519  1454.9
 340.0    0.19   0.18  34.73  27.90   21.2  0.521  1455.3
 350.0    0.23   0.21  34.75  27.91   20.4  0.523  1455.7
 370.0    0.28   0.27  34.77  27.93   19.0  0.527  1456.3
 390.0    0.33   0.31  34.79  27.94   17.9  0.531  1456.9
 410.0    0.37   0.35  34.81  27.95   16.9  0.534  1457.4
 430.0    0.39   0.37  34.82  27.96   16.4  0.538  1457.8
 450.0    0.42   0.40  34.83  27.96   15.8  0.541  1458.3
 470.0    0.43   0.41  34.84  27.97   15.2  0.544  1458.7
 490.0    0.45   0.42  34.84  27.97   14.8  0.547  1459.1
 510.0    0.45   0.42  34.85  27.98   14.5  0.550  1459.5
 530.0    0.44   0.41  34.85  27.98   14.1  0.553  1459.8
 550.0    0.42   0.39  34.86  27.99   13.7  0.556  1460.0
 570.0    0.40   0.37  34.86  27.99   13.4  0.558  1460.3
 590.0    0.38   0.35  34.86  27.99   13.1  0.561  1460.5
 610.0    0.36   0.33  34.86  28.00   12.7  0.564  1460.7
 630.0    0.33   0.30  34.87  28.00   12.3  0.566  1461.0
 650.0    0.31   0.28  34.87  28.00   12.0  0.569  1461.2
 670.0    0.28   0.25  34.87  28.00   11.9  0.571  1461.4
 690.0    0.25   0.22  34.87  28.01   11.6  0.573  1461.6
 710.0    0.25   0.22  34.87  28.01   11.4  0.576  1461.9

                      DEPTH      TEMP.      SALIN

       BOT NUM = 1      4.4      -1.66      30.41
       BOT NUM = 2     50.4                 30.41
       BOT NUM = 3    250.4      -0.65      34.27
       BOT NUM = 4    500.6       0.45      34.84
       BOT NUM = 5    729.2       0.23      34.88
```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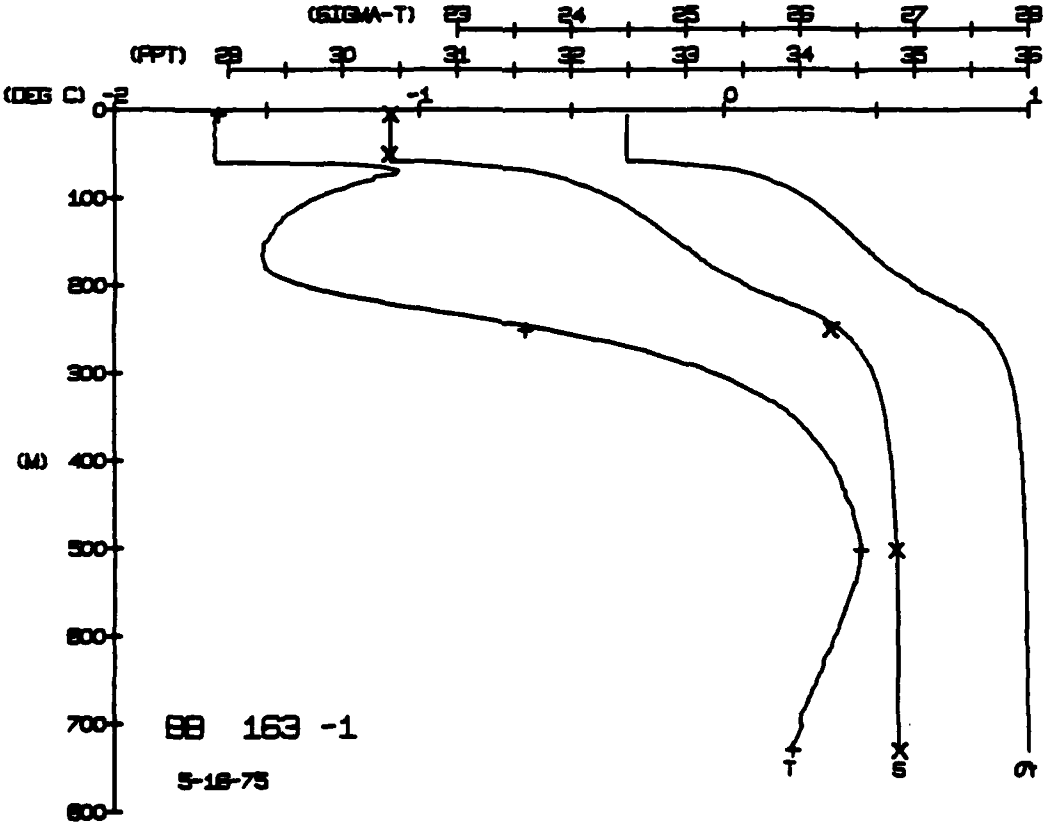
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
T
S
σt
BB 161 -1
5-15-75


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
T
S
σt
BB 163 -1
5-18-75

```
BIG BEAR STATIUN 165(1) STD  16/MAY/1975 1700 GMT  CODE = 2
LAT = 76.1911N LNG = 144.9013W LTER =      0. LGER =      0.
AIR TEMP =  -7.9 BAROM = 1013.5 WIND = 301.0 SPEED =  23.7

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVUL  DYNHT  SOUND

  0.0  -1.67  -1.67  30.41  24.48  346.0  0.000  1435.0
  5.0  -1.67  -1.67  30.41  24.48  345.9  0.017  1435.1
  5.3  -1.67  -1.67  30.41  24.48  345.9  0.019  1435.1
 10.0  -1.67  -1.67  30.41  24.48  345.9  0.035  1435.1
 15.0  -1.67  -1.67  30.41  24.48  345.8  0.052  1435.2
 20.0  -1.68  -1.68  30.42  24.48  345.6  0.070  1435.3
 25.0  -1.68  -1.68  30.42  24.48  345.6  0.087  1435.4
 30.0  -1.67  -1.67  30.41  24.48  345.6  0.104  1435.5
 35.0  -1.68  -1.68  30.42  24.48  345.5  0.122  1435.5
 40.0  -1.68  -1.68  30.42  24.48  345.4  0.139  1435.6
 45.0  -1.67  -1.67  30.42  24.48  345.2  0.157  1435.7
 50.0  -1.66  -1.66  30.42  24.48  345.3  0.174  1435.9
 55.0  -1.66  -1.66  30.42  24.49  345.0  0.191  1435.9
 60.0  -1.50  -1.50  30.52  24.57  337.3  0.209  1436.9
 65.0  -1.16  -1.16  31.24  25.14  283.2  0.224  1439.6
 70.0  -1.10  -1.10  31.57  25.41  257.4  0.238  1440.5
 80.0  -1.18  -1.19  31.96  25.72  227.5  0.262  1440.8
 90.0  -1.27  -1.28  32.17  25.89  211.2  0.284  1440.8
100.0  -1.34  -1.34  32.33  26.02  198.8  0.305  1440.9
110.0  -1.39  -1.40  32.46  26.14  187.9  0.325  1441.0
120.0  -1.44  -1.45  32.61  26.25  176.9  0.343  1441.1
130.0  -1.48  -1.48  32.71  26.35  167.7  0.360  1441.3
140.0  -1.49  -1.50  32.83  26.43  159.7  0.377  1441.5
150.0  -1.51  -1.51  32.93  26.52  151.6  0.393  1441.8
160.0  -1.52  -1.53  33.03  26.59  144.1  0.407  1442.0
170.0  -1.52  -1.53  33.13  26.67  137.2  0.422  1442.3
180.0  -1.51  -1.51  33.23  26.76  128.1  0.435  1442.7
190.0  -1.47  -1.47  33.37  26.87  117.7  0.447  1443.2
200.0  -1.40  -1.41  33.49  26.97  108.5  0.459  1443.9
210.0  -1.29  -1.29  33.68  27.11   94.6  0.469  1444.9
220.0  -1.13  -1.13  33.88  27.27   79.9  0.478  1446.1
230.0  -0.94  -0.95  34.07  27.42   65.1  0.485  1447.3
240.0  -0.76  -0.77  34.22  27.53   55.3  0.491  1448.6
250.0  -0.56  -0.57  34.35  27.63   46.2  0.497  1449.8
260.0  -0.44  -0.45  34.44  27.69   40.5  0.501  1450.7
270.0  -0.31  -0.32  34.50  27.74   35.9  0.505  1451.5
280.0  -0.21  -0.22  34.58  27.78   32.5  0.508  1452.3
290.0  -0.12  -0.13  34.60  27.81   29.5  0.511  1452.9
300.0  -0.04  -0.05  34.64  27.84   27.2  0.514  1453.5
310.0   0.03   0.02  34.67  27.86   25.0  0.517  1454.0
320.0   0.08   0.07  34.70  27.88   23.4  0.519  1454.4
330.0   0.13   0.12  34.72  27.89   22.1  0.522  1454.9
340.0   0.18   0.16  34.74  27.91   20.7  0.524  1455.3
350.0   0.21   0.20  34.75  27.91   20.1  0.526  1455.6
370.0   0.27   0.25  34.78  27.93   18.4  0.530  1456.2
390.0   0.32   0.30  34.80  27.94   17.4  0.533  1456.8
410.0   0.36   0.34  34.81  27.95   16.6  0.537  1457.4
430.0   0.39   0.37  34.82  27.96   16.1  0.540  1457.8
450.0   0.41   0.39  34.83  27.97   15.6  0.543  1458.3
470.0   0.42   0.40  34.84  27.97   14.9  0.546  1458.7
490.0   0.43   0.41  34.84  27.98   14.7  0.549  1459.1
510.0   0.43   0.41  34.85  27.98   14.2  0.552  1459.4
530.0   0.43   0.41  34.85  27.99   13.8  0.555  1459.7
550.0   0.41   0.38  34.86  27.99   13.6  0.558  1460.0
570.0   0.39   0.36  34.86  27.99   13.2  0.561  1460.2
590.0   0.37   0.34  34.86  28.00   12.7  0.563  1460.5
610.0   0.35   0.32  34.87  28.00   12.4  0.566  1460.7
630.0   0.32   0.29  34.87  28.00   12.1  0.568  1460.9
650.0   0.30   0.27  34.87  28.00   12.0  0.571  1461.1
670.0   0.29   0.26  34.87  28.01   11.8  0.573  1461.5
690.0   0.26   0.23  34.87  28.01   11.5  0.575  1461.7
710.0   0.24   0.21  34.87  28.01   11.4  0.578  1461.9
728.2   0.21   0.18  34.87  28.01   11.1  0.580  1462.1

                     DEPTH     TEMP.     SALIN

     BOT NUM = 1       4.6     -1.66     30.41
     BOT NUM = 2      35.9               30.42
     BOT NUM = 3     250.4     -0.63     34.29
     BOT NUM = 4     500.4      0.44     34.86
     BOT NUM = 5     729.0      0.22     34.88
```

```
BIG BEAR STATIUN 167(1) STD  17/MAY/1975  400 GMT  CODE = 2
LAT = 76.2213N LNG = 144.9402W LTER =     34. LGER =     67.
AIR TEMP =  -9.2 BAROM = 1012.1 WIND = 113.0 SPEED =  45.7

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVUL  DYNHT  SOUND

  0.0  -1.65  -1.65  30.42  24.49  345.7  0.000  1435.1
  5.0  -1.65  -1.65  30.42  24.49  345.6  0.017  1435.2
  5.7  -1.65  -1.65  30.42  24.49  345.6  0.020  1435.2
 10.0  -1.65  -1.65  30.42  24.49  345.4  0.035  1435.3
 15.0  -1.65  -1.65  30.42  24.49  345.3  0.052  1435.4
 20.0  -1.65  -1.65  30.42  24.49  345.3  0.070  1435.4
 25.0  -1.65  -1.65  30.42  24.49  345.2  0.087  1435.5
 30.0  -1.65  -1.65  30.42  24.49  344.9  0.104  1435.6
 35.0  -1.65  -1.65  30.43  24.49  344.7  0.122  1435.7
 40.0  -1.65  -1.65  30.43  24.49  344.6  0.139  1435.8
 45.0  -1.65  -1.65  30.43  24.49  344.5  0.156  1435.9
 50.0  -1.65  -1.65  30.43  24.49  344.3  0.174  1435.9
 55.0  -1.65  -1.65  30.43  24.50  344.1  0.191  1436.0
 60.0  -1.61  -1.62  30.44  24.50  343.7  0.208  1436.3
 65.0  -1.22  -1.22  31.14  25.06  290.3  0.224  1439.2
 70.0  -1.11  -1.11  31.47  25.32  265.3  0.238  1440.3
 80.0  -1.14  -1.14  31.92  25.69  230.4  0.263  1440.9
 90.0  -1.26  -1.26  32.16  25.88  211.9  0.286  1440.9
100.0  -1.33  -1.33  32.33  26.03  198.1  0.306  1441.0
110.0  -1.38  -1.39  32.49  26.15  186.2  0.326  1441.1
120.0  -1.42  -1.42  32.59  26.23  178.4  0.344  1441.2
130.0  -1.46  -1.46  32.70  26.33  169.3  0.362  1441.3
140.0  -1.48  -1.48  32.80  26.41  161.5  0.378  1441.6
150.0  -1.50  -1.50  32.91  26.50  153.1  0.394  1441.8
160.0  -1.52  -1.52  33.01  26.58  145.3  0.409  1442.0
170.0  -1.52  -1.53  33.11  26.66  138.0  0.424  1442.3
180.0  -1.51  -1.51  33.22  26.75  129.6  0.437  1442.7
190.0  -1.48  -1.49  33.33  26.84  120.7  0.450  1443.1
200.0  -1.43  -1.43  33.47  26.95  110.2  0.461  1443.7
210.0  -1.32  -1.33  33.66  27.10   96.1  0.472  1444.7
220.0  -1.15  -1.16  33.86  27.26   81.3  0.481  1445.9
230.0  -0.97  -0.98  34.05  27.40   67.7  0.488  1447.2
240.0  -0.80  -0.80  34.22  27.53   55.3  0.494  1448.4
250.0  -0.61  -0.62  34.35  27.63   46.5  0.500  1449.6
260.0  -0.48  -0.49  34.42  27.68   41.2  0.504  1450.5
270.0  -0.36  -0.37  34.49  27.74   36.4  0.508  1451.3
280.0  -0.24  -0.25  34.55  27.77   33.0  0.511  1452.1
290.0  -0.15  -0.16  34.59  27.80   30.2  0.515  1452.7
300.0  -0.05  -0.06  34.63  27.83   27.6  0.518  1453.4
310.0   0.03   0.02  34.66  27.85   25.6  0.520  1454.0
320.0   0.08   0.07  34.69  27.87   23.8  0.523  1454.5
330.0   0.13   0.12  34.72  27.89   22.3  0.525  1454.9
340.0   0.18   0.17  34.74  27.90   21.0  0.527  1455.3
350.0   0.21   0.20  34.75  27.91   20.1  0.529  1455.6
370.0   0.28   0.26  34.78  27.93   18.7  0.533  1456.3
390.0   0.33   0.31  34.80  27.94   17.5  0.537  1456.9
410.0   0.37   0.36  34.81  27.95   16.7  0.540  1457.4
430.0   0.40   0.38  34.82  27.96   16.0  0.544  1457.9
450.0   0.42   0.40  34.83  27.97   15.6  0.547  1458.3
470.0   0.43   0.41  34.84  27.97   15.1  0.550  1458.7
490.0   0.45   0.43  34.84  27.98   14.8  0.553  1459.2
510.0   0.45   0.43  34.85  27.98   14.5  0.556  1459.5
530.0   0.44   0.42  34.85  27.98   14.1  0.559  1459.8
550.0   0.43   0.41  34.86  27.99   13.7  0.562  1460.1
570.0   0.41   0.39  34.86  27.99   13.4  0.564  1460.3
590.0   0.39   0.36  34.86  27.99   13.0  0.567  1460.5
610.0   0.37   0.34  34.87  28.00   12.7  0.570  1460.8
630.0   0.35   0.32  34.87  28.00   12.4  0.572  1461.1
650.0   0.32   0.29  34.87  28.00   12.1  0.575  1461.3
670.0   0.29   0.26  34.87  28.01   11.8  0.577  1461.4
690.0   0.26   0.23  34.87  28.01   11.5  0.579  1461.7
710.0   0.24   0.21  34.87  28.01   11.3  0.582  1461.9
729.3   0.21   0.18  34.87  28.01   11.1  0.584  1462.1

                     DEPTH     TEMP.     SALIN

     BOT NUM = 1       4.2     -1.64     30.42
     BOT NUM = 2      50.2               30.44
     BOT NUM = 3     250.0     -0.64     34.31
     BOT NUM = 4     499.4      0.45     34.86
     BOT NUM = 5     729.3      0.22
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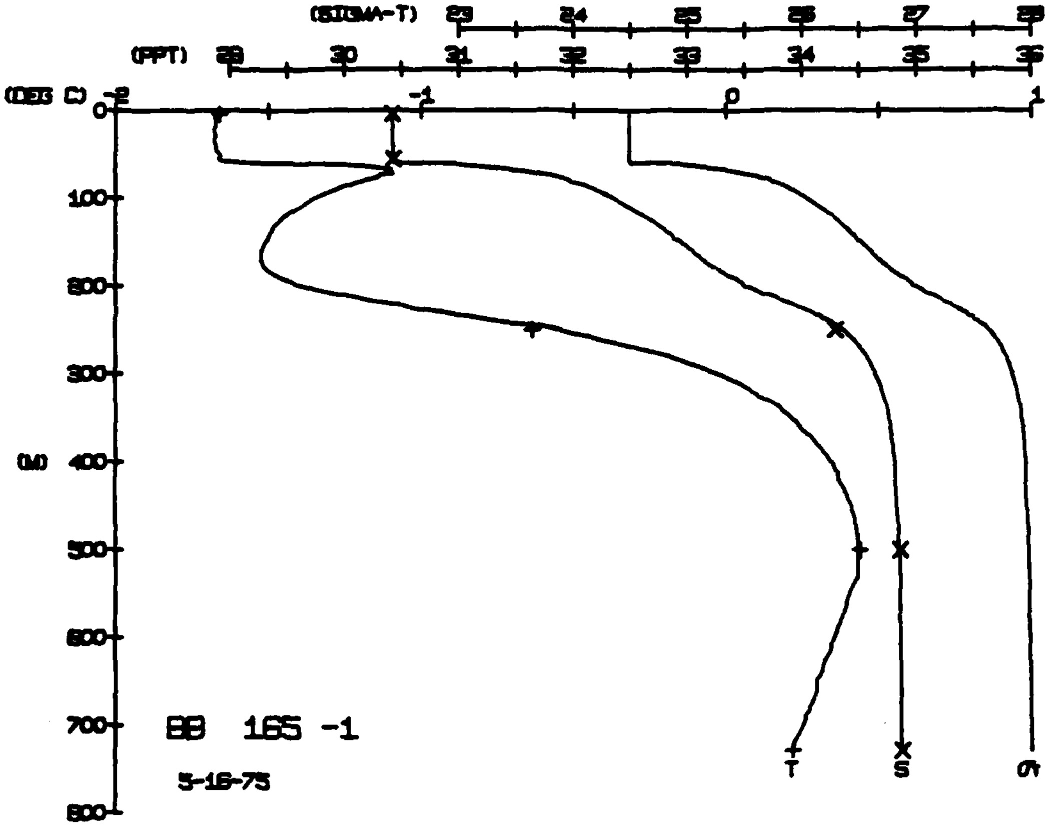
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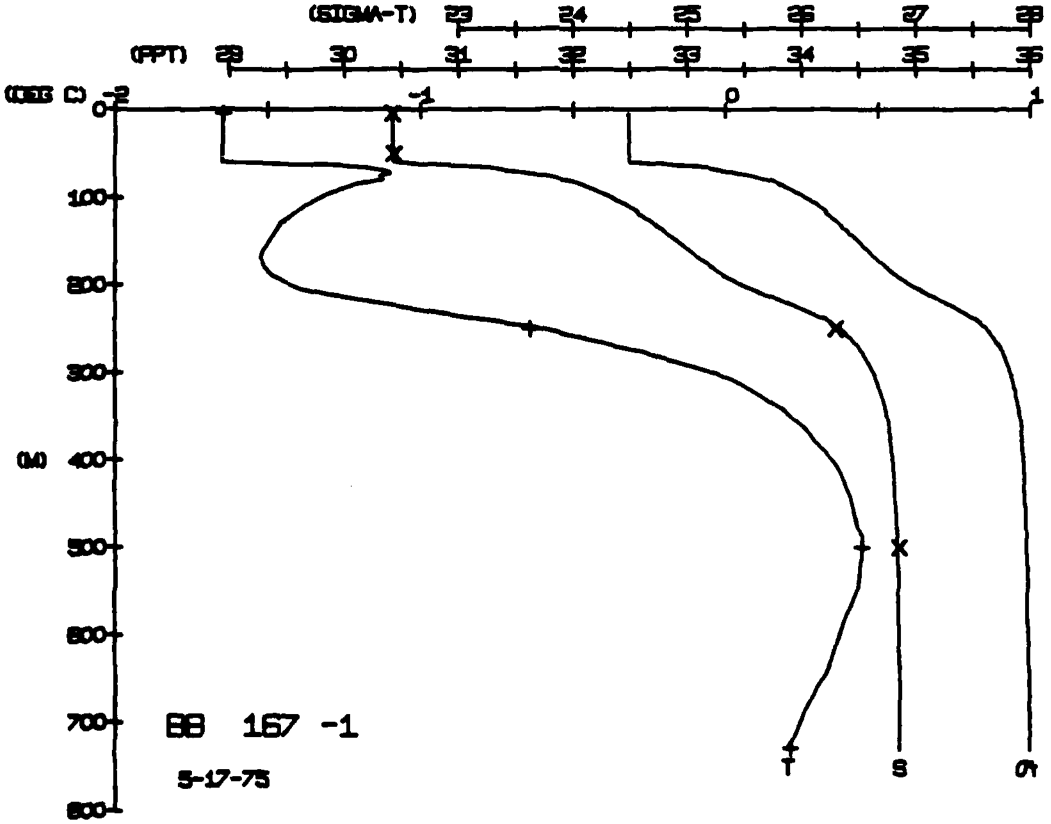
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 165 -1
5-16-75
T
S
σt


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 167 -1
5-17-75
T
S
σt

```
                 BIG BEAR STATION 169(1) STD  17/MAY/1975 1725 GMT  CODE = 2
                  LAT = 76.2572N LNG = 145.1109W LTER =      1. LGER =     2.
                   AIR TEMP = -12.5 BAROM = 1012.4 WIND =  80.5 SPEED =  78.3

  DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND          DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

    0.0   -1.64   -1.64   30.41   24.48   346.4   0.000  1435.1          850.0    0.10    0.06   34.87   28.01    10.6   0.626  1463.6
    5.0   -1.64   -1.64   30.41   24.48   346.4   0.017  1435.2          900.0    0.05    0.00   34.87   28.02    10.0   0.631  1464.2
    9.9   -1.64   -1.64   30.41   24.48   346.3   0.034  1435.3          950.0   -0.01   -0.06   34.87   28.02     9.4   0.636  1464.8
   10.0   -1.64   -1.64   30.41   24.48   346.3   0.035  1435.3         1000.0   -0.06   -0.10   34.87   28.03     8.9   0.641  1465.4
   15.0   -1.64   -1.64   30.41   24.48   346.2   0.052  1435.4         1050.0   -0.10   -0.15   34.88   28.03     8.2   0.645  1466.0
   20.0   -1.64   -1.64   30.41   24.48   346.1   0.070  1435.5         1100.0   -0.13   -0.18   34.88   28.04     7.8   0.649  1466.7
   25.0   -1.64   -1.64   30.41   24.48   346.0   0.087  1435.6         1150.0   -0.17   -0.22   34.89   28.04     7.1   0.653  1467.4
   30.0   -1.64   -1.64   30.41   24.48   345.7   0.105  1435.6         1200.0   -0.20   -0.26   34.89   28.05     6.7   0.656  1468.1
   35.0   -1.64   -1.64   30.42   24.49   345.3   0.122  1435.7         1250.0   -0.23   -0.28   34.89   28.05     6.3   0.660  1468.8
   40.0   -1.65   -1.65   30.42   24.49   344.9   0.139  1435.8         1300.0   -0.25   -0.31   34.89   28.05     5.8   0.663  1469.6
   45.0   -1.65   -1.65   30.43   24.49   344.5   0.157  1435.9         1350.0   -0.28   -0.34   34.90   28.06     5.4   0.666  1470.3
   50.0   -1.65   -1.65   30.43   24.49   344.4   0.174  1435.9         1400.0   -0.30   -0.37   34.90   28.06     4.9   0.668  1471.0
   55.0   -1.65   -1.65   30.43   24.49   344.3   0.191  1436.0         1450.0   -0.32   -0.38   34.90   28.06     4.6   0.671  1471.8
   60.0   -1.65   -1.65   30.43   24.49   344.2   0.209  1436.1         1500.0   -0.34   -0.41   34.91   28.07     4.1   0.673  1472.6
   65.0   -1.25   -1.25   30.43   24.49   344.0   0.226  1438.1         1550.0   -0.35   -0.43   34.91   28.07     3.7   0.675  1473.3
   70.0   -1.13   -1.13   30.95   24.91   305.0   0.242  1439.5         1600.0   -0.37   -0.45   34.91   28.07     3.3   0.677  1474.1
   80.0   -1.14   -1.14   31.73   25.53   245.3   0.270  1440.6         1650.0   -0.38   -0.46   34.91   28.08     2.9   0.678  1474.9
   90.0   -1.23   -1.24   32.02   25.77   222.9   0.294  1440.8         1700.0   -0.39   -0.47   34.92   28.08     2.6   0.680  1475.7
  100.0   -1.32   -1.32   32.21   25.92   207.9   0.316  1440.8         1750.0   -0.40   -0.48   34.92   28.08     2.4   0.681  1476.5
  110.0   -1.38   -1.38   32.37   26.06   195.1   0.336  1440.9         1800.0   -0.41   -0.50   34.92   28.08     2.2   0.682  1477.3
  120.0   -1.42   -1.43   32.53   26.19   182.8   0.355  1441.1         1850.0   -0.41   -0.51   34.92   28.08     2.0   0.683  1478.1
  130.0   -1.46   -1.46   32.64   26.28   174.3   0.373  1441.3         1900.0   -0.41   -0.51   34.92   28.08     1.8   0.684  1479.0
  140.0   -1.47   -1.47   32.74   26.36   166.3   0.390  1441.5         1950.0   -0.41   -0.51   34.92   28.08     1.6   0.685  1479.8
  150.0   -1.49   -1.50   32.84   26.44   158.3   0.407  1441.7         2000.0   -0.42   -0.52   34.92   28.09     1.4   0.686  1480.7
  160.0   -1.50   -1.51   32.94   26.52   150.7   0.422  1442.0         2050.0   -0.42   -0.52   34.93   28.09     1.3   0.686  1481.5
  170.0   -1.51   -1.51   33.02   26.59   144.3   0.437  1442.2         2100.0   -0.42   -0.53   34.93   28.09     1.2   0.687  1482.4
  180.0   -1.50   -1.50   33.12   26.67   136.8   0.451  1442.6         2150.0   -0.42   -0.53   34.93   28.09     1.0   0.688  1483.2
  190.0   -1.47   -1.48   33.23   26.76   128.3   0.465  1443.0         2200.0   -0.42   -0.53   34.93   28.09     0.9   0.688  1484.1
  200.0   -1.43   -1.43   33.37   26.87   117.7   0.477  1443.6         2250.0   -0.42   -0.54   34.93   28.09     0.8   0.688  1485.0
  210.0   -1.30   -1.30   33.53   26.98   106.2   0.488  1444.6         2300.0   -0.41   -0.53   34.93   28.09     0.9   0.689  1485.8
  220.0   -1.13   -1.14   33.73   27.15    91.3   0.498  1445.8         2350.0   -0.41   -0.53   34.93   28.09     0.8   0.689  1486.7
  230.0   -0.95   -0.96   33.94   27.32    75.6   0.507  1447.1         2400.0   -0.40   -0.53   34.93   28.09     0.7   0.690  1487.6
  240.0   -0.78   -0.78   34.12   27.45    63.9   0.514  1448.4         2450.0   -0.40   -0.53   34.93   28.09     0.6   0.690  1488.4
  250.0   -0.60   -0.61   34.26   27.56    53.1   0.520  1449.5         2500.0   -0.40   -0.54   34.93   28.09     0.5   0.690  1489.3
  260.0   -0.46   -0.47   34.36   27.63    46.0   0.525  1450.5         2550.0   -0.39   -0.53   34.93   28.09     0.4   0.690  1490.2
  270.0   -0.33   -0.34   34.44   27.69    40.9   0.529  1451.4         2600.0   -0.39   -0.53   34.93   28.09     0.4   0.691  1491.1
  280.0   -0.23   -0.24   34.50   27.74    36.4   0.533  1452.1         2650.0   -0.38   -0.53   34.93   28.09     0.3   0.691  1492.0
  290.0   -0.12   -0.13   34.56   27.78    32.6   0.536  1452.8         2700.0   -0.38   -0.53   34.94   28.09     0.3   0.691  1492.8
  300.0   -0.04   -0.05   34.60   27.81    30.1   0.539  1453.4         2750.0   -0.37   -0.53   34.94   28.09     0.3   0.691  1493.7
  310.0    0.03    0.02   34.63   27.83    27.9   0.542  1454.0         2800.0   -0.36   -0.53   34.94   28.09     0.3   0.691  1494.6
  320.0    0.08    0.07   34.67   27.85    25.9   0.545  1454.4         2850.0   -0.36   -0.53   34.94   28.09     0.2   0.691  1495.5
  330.0    0.13    0.12   34.69   27.87    24.5   0.548  1454.8         2900.0   -0.36   -0.53   34.94   28.10     0.0   0.692  1496.4
  340.0    0.18    0.17   34.71   27.88    23.2   0.550  1455.2         2939.0   -0.36   -0.53   34.94   28.10    -0.2   0.691  1497.1
  350.0    0.23    0.21   34.73   27.90    22.0   0.552  1455.6
  370.0    0.29    0.28   34.75   27.91    20.4   0.557  1456.3
  390.0    0.35    0.33   34.78   27.93    19.2   0.561  1456.9
  410.0    0.38    0.37   34.79   27.94    18.1   0.564  1457.4
  430.0    0.41    0.39   34.80   27.94    17.6   0.568  1457.9
  450.0    0.43    0.41   34.81   27.95    17.1   0.571  1458.3
  470.0    0.45    0.42   34.82   27.96    16.5   0.575  1458.8
  490.0    0.46    0.44   34.83   27.96    16.1   0.578  1459.2
  510.0    0.47    0.44   34.83   27.96    15.8   0.581  1459.5
  530.0    0.46    0.44   34.84   27.97    15.5   0.585  1459.9
  550.0    0.45    0.42   34.84   27.97    15.0   0.588  1460.1
  570.0    0.44    0.41   34.84   27.98    14.8   0.591  1460.4
  590.0    0.42    0.39   34.85   27.98    14.4   0.594  1460.7
  610.0    0.40    0.37   34.85   27.98    13.9   0.596  1460.9
  630.0    0.37    0.34   34.85   27.99    13.6   0.599  1461.1
  650.0    0.34    0.31   34.86   27.99    13.3   0.602  1461.3
  670.0    0.31    0.28   34.86   27.99    13.0   0.605  1461.5
  690.0    0.28    0.25   34.86   28.00    12.8   0.607  1461.7
  710.0    0.25    0.22   34.86   28.00    12.4   0.610  1461.9
  730.0    0.22    0.19   34.86   28.00    12.0   0.612  1462.1
  750.0    0.20    0.16   34.86   28.00    11.8   0.615  1462.4
  800.0    0.13    0.10   34.86   28.01    11.3   0.621  1462.9

                                          DEPTH        TEMP.        SALIN

                         BOT NUM = 1        4.6        -1.64
                         BOT NUM = 2      998.6                     34.90
                         BOT NUM = 3      998.6        -0.08        34.90
                         BOT NUM = 4     1993.9        -0.41        34.95
                         BOT NUM = 5     2941.9        -0.34
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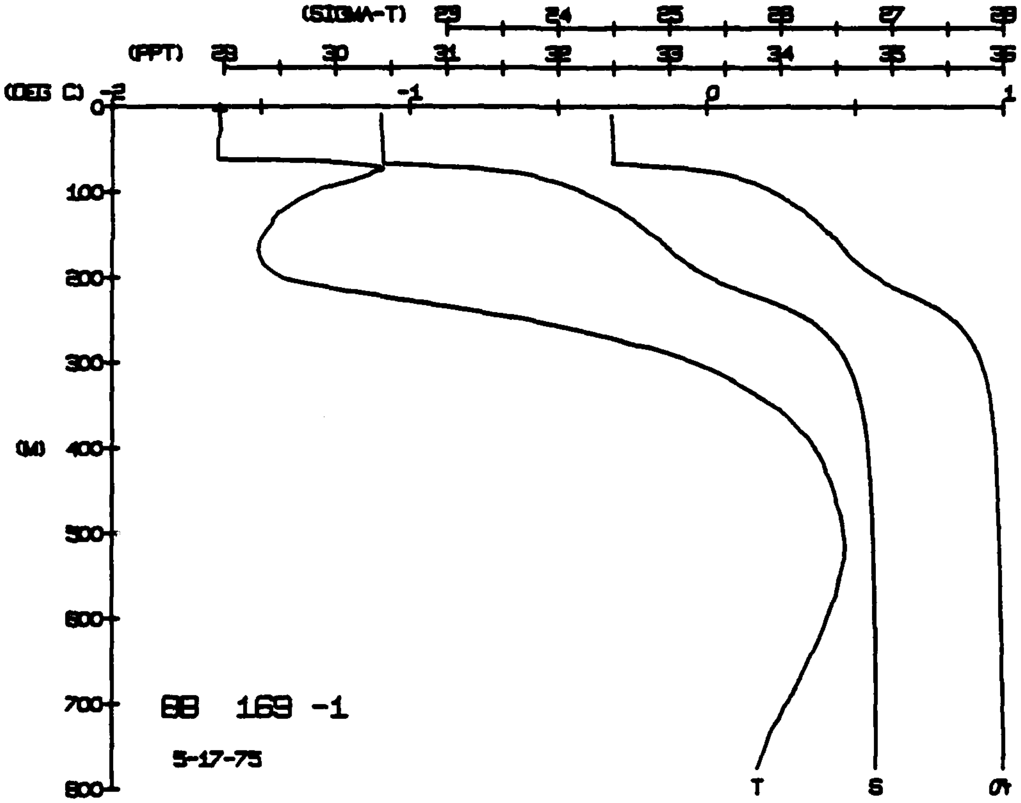
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(DEG C) -2 -1 0 1
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300
(M) 400
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600
700
800
BB 169 -1
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T
S
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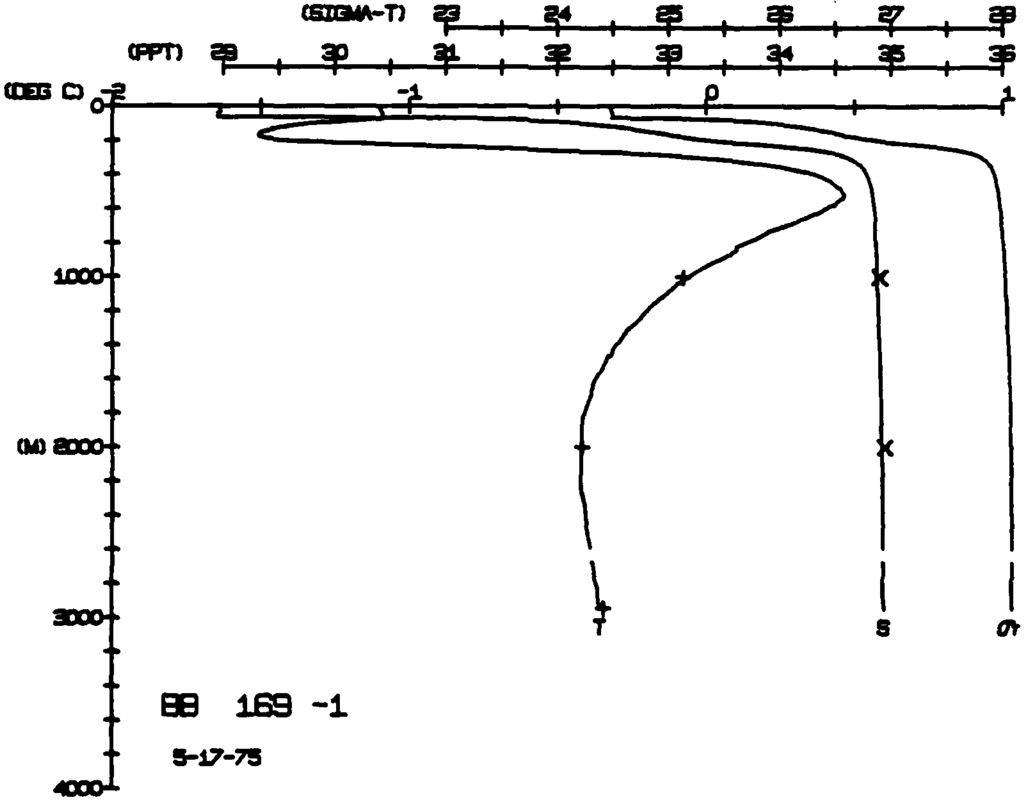
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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(M) 2000
3000
4000
T
S
σt
BB 169 -1
5-17-75

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BIG BEAR STATION 171(1) STD  18/MAY/1975  400 GMT  CODE = 2
LAT = 76.2754N LNG = 145.2960W LTER =      1, LGER =      2,
AIR TEMP = -12.5 BAROM = 1012.9 WIND =  80.5 SPEED =  78.3

 DEPTH   TEMP   PTEMP   SALIN   SIG T  SPVOL  DYNHT   SOUND

   0.0  -1.67  -1.67   30.43   24.50  344.6  0.000  1435.0
   5.0  -1.67  -1.67   30.43   24.50  344.5  0.017  1435.1
   5.2  -1.67  -1.67   30.43   24.50  344.5  0.018  1435.1
  10.0  -1.67  -1.67   30.43   24.50  344.4  0.035  1435.2
  15.0  -1.67  -1.67   30.43   24.50  344.3  0.052  1435.3
  20.0  -1.67  -1.67   30.43   24.50  344.3  0.069  1435.3
  25.0  -1.67  -1.67   30.43   24.50  344.2  0.087  1435.4
  30.0  -1.67  -1.67   30.43   24.50  344.1  0.104  1435.5
  35.0  -1.67  -1.67   30.44   24.50  343.9  0.121  1435.6
  40.0  -1.67  -1.67   30.44   24.50  343.7  0.139  1435.7
  45.0  -1.67  -1.67   30.44   24.50  343.5  0.156  1435.7
  50.0  -1.67  -1.67   30.44   24.51  343.2  0.173  1435.8
  55.0  -1.67  -1.67   30.44   24.51  343.1  0.191  1435.9
  60.0  -1.67  -1.67   30.44   24.51  342.9  0.208  1436.0
  65.0  -1.34  -1.34   31.12   25.05  291.5  0.224  1438.6
  70.0  -1.17  -1.17   31.56   25.40  258.2  0.238  1440.1
  80.0  -1.11  -1.11   31.92   25.69  230.7  0.262  1441.1
  90.0  -1.25  -1.26   32.17   25.89  211.1  0.285  1440.9
 100.0  -1.34  -1.34   32.34   26.03  197.8  0.305  1440.9
 110.0  -1.40  -1.40   32.49   26.16  185.8  0.325  1441.0
 120.0  -1.44  -1.44   32.61   26.25  176.5  0.343  1441.1
 130.0  -1.47  -1.47   32.74   26.36  166.0  0.360  1441.3
 140.0  -1.49  -1.50   32.87   26.43  160.1  0.377  1441.5
 150.0  -1.52  -1.52   32.91   26.52  151.4  0.392  1441.7
 160.0  -1.53  -1.53   33.01   26.60  143.8  0.407  1442.0
 170.0  -1.53  -1.54   33.13   26.69  135.9  0.421  1442.3
 180.0  -1.52  -1.52   33.24   26.77  127.4  0.435  1442.6
 190.0  -1.50  -1.50   33.38   26.88  116.7  0.447  1443.1
 200.0  -1.44  -1.44   33.53   27.01  104.5  0.458  1443.8
 210.0  -1.31  -1.32   33.75   27.17   89.0  0.468  1444.8
 220.0  -1.16  -1.17   33.94   27.32   75.0  0.476  1446.0
 230.0  -0.99  -1.00   34.15   27.48   60.0  0.483  1447.2
 240.0  -0.80  -0.81   34.25   27.56   52.9  0.489  1448.4
 250.0  -0.66  -0.67   34.36   27.64   45.5  0.494  1449.4
 260.0  -0.53  -0.54   34.44   27.70   39.8  0.498  1450.3
 270.0  -0.40  -0.41   34.50   27.74   35.6  0.502  1451.1
 280.0  -0.29  -0.30   34.56   27.79   31.8  0.505  1451.9
 290.0  -0.18  -0.20   34.61   27.82   28.9  0.508  1452.6
 300.0  -0.09  -0.11   34.64   27.84   26.7  0.511  1453.2
 310.0  -0.02  -0.04   34.67   27.86   24.9  0.514  1453.8
 320.0   0.03   0.02   34.70   27.88   23.1  0.516  1454.2
 330.0   0.08   0.07   34.72   27.90   21.8  0.519  1454.7
 340.0   0.15   0.13   34.74   27.91   20.8  0.521  1455.1
 350.0   0.19   0.18   34.75   27.92   19.9  0.523  1455.5
 370.0   0.26   0.24   34.78   27.94   18.2  0.526  1456.2
 390.0   0.31   0.29   34.80   27.95   17.0  0.530  1456.8
 410.0   0.35   0.33   34.81   27.96   16.2  0.533  1457.3
 430.0   0.38   0.36   34.82   27.96   15.9  0.537  1457.8
 450.0   0.40   0.38   34.83   27.97   15.2  0.540  1458.2
 470.0   0.43   0.41   34.84   27.98   14.7  0.543  1458.7
 490.0   0.44   0.41   34.85   27.98   14.5  0.546  1459.1
 510.0   0.44   0.41   34.85   27.98   14.1  0.549  1459.4
 530.0   0.43   0.41   34.86   27.99   13.7  0.551  1459.8
 550.0   0.41   0.39   34.86   27.99   13.4  0.554  1460.0
 570.0   0.40   0.37   34.86   27.99   13.1  0.557  1460.3
 590.0   0.37   0.34   34.86   28.00   12.7  0.559  1460.5
 610.0   0.35   0.32   34.87   28.00   12.4  0.562  1460.7
 630.0   0.33   0.31   34.87   28.00   12.4  0.565  1461.0
 650.0   0.31   0.28   34.87   28.00   12.1  0.567  1461.2
 670.0   0.29   0.26   34.87   28.01   11.8  0.569  1461.5
 690.0   0.27   0.24   34.87   28.01   11.5  0.572  1461.7
 710.0   0.24   0.21   34.87   28.01   11.2  0.574  1461.9

                       DEPTH        TEMP.        SALIN

     BOT NUM = 1         4.4        -1.64        30.43
     BOT NUM = 2        35.3                     30.43
     BOT NUM = 3       249.9        -0.63        34.29
     BOT NUM = 4       500.0         0.47        34.83
     BOT NUM = 5       729.2         0.23        34.87
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BIG BEAR STATION 173(1) STD  18/MAY/1975 1700 GMT  CODE = 2
LAT = 76.2757N LNG = 145.4746W LTER =      1, LGER =      1,
AIR TEMP = -15.9 BAROM = 1014.4 WIND =  54.6 SPEED =  56.7

DEPTH    TEMP   PIEMP   SALIN   SIG T  SPVOL  DYNHT   SOUND

   0.0  -1.66  -1.66   30.44   24.50  344.3  0.000  1435.1
   4.1  -1.66  -1.66   30.44   24.50  344.3  0.014  1435.2
   5.0  -1.66  -1.66   30.44   24.50  344.3  0.017  1435.1
  10.0  -1.66  -1.66   30.44   24.50  344.2  0.035  1435.2
  15.0  -1.66  -1.66   30.44   24.50  344.1  0.052  1435.3
  20.0  -1.66  -1.66   30.43   24.50  344.2  0.069  1435.4
  25.0  -1.66  -1.66   30.44   24.50  344.0  0.087  1435.5
  30.0  -1.66  -1.66   30.44   24.50  343.8  0.104  1435.6
  35.0  -1.66  -1.66   30.44   24.50  343.5  0.121  1435.7
  40.0  -1.65  -1.65   30.45   24.51  343.2  0.139  1435.8
  45.0  -1.65  -1.65   30.45   24.51  343.0  0.156  1435.9
  50.0  -1.64  -1.64   30.45   24.51  342.7  0.173  1436.0
  55.0  -1.64  -1.64   30.45   24.51  342.4  0.190  1436.1
  60.0  -1.48  -1.49   30.47   24.52  341.7  0.208  1436.9
  65.0  -1.20  -1.20   31.20   25.11  285.4  0.223  1439.4
  70.0  -1.10  -1.10   31.49   25.34  263.4  0.237  1440.4
  80.0  -1.19  -1.20   31.97   25.73  226.7  0.262  1440.7
  90.0  -1.28  -1.28   32.19   25.91  209.6  0.284  1440.8
 100.0  -1.35  -1.35   32.36   26.05  196.5  0.304  1440.9
 110.0  -1.40  -1.40   32.48   26.15  186.7  0.324  1441.0
 120.0  -1.43  -1.43   32.60   26.24  177.4  0.342  1441.2
 130.0  -1.46  -1.46   32.70   26.32  169.8  0.360  1441.3
 140.0  -1.49  -1.49   32.80   26.41  161.9  0.376  1441.5
 150.0  -1.51  -1.51   32.89   26.48  154.7  0.392  1441.7
 160.0  -1.52  -1.53   32.98   26.55  147.8  0.408  1441.9
 170.0  -1.52  -1.53   33.08   26.63  140.3  0.422  1442.2
 180.0  -1.51  -1.51   33.19   26.72  131.6  0.436  1442.6
 190.0  -1.47  -1.48   33.30   26.82  122.8  0.449  1443.1
 200.0  -1.43  -1.43   33.44   26.93  112.4  0.461  1443.7
 210.0  -1.33  -1.34   33.59   27.04  101.4  0.471  1444.5
 220.0  -1.16  -1.17   33.81   27.21   85.4  0.481  1445.8
 230.0  -0.97  -0.98   34.01   27.37   70.2  0.489  1447.1
 240.0  -0.79  -0.79   34.18   27.50   58.7  0.495  1448.4
 250.0  -0.63  -0.64   34.30   27.59   49.9  0.501  1449.4
 260.0  -0.48  -0.49   34.40   27.66   43.2  0.505  1450.4
 270.0  -0.35  -0.36   34.48   27.72   37.8  0.509  1451.3
 280.0  -0.23  -0.24   34.54   27.76   33.8  0.513  1452.1
 290.0  -0.13  -0.15   34.58   27.80   30.8  0.516  1452.8
 300.0  -0.06  -0.07   34.62   27.82   28.7  0.519  1453.4
 310.0   0.02   0.01   34.65   27.84   26.7  0.522  1453.9
 320.0   0.07   0.06   34.68   27.86   25.0  0.525  1454.4
 330.0   0.13   0.11   34.70   27.88   23.5  0.527  1454.8
 340.0   0.17   0.16   34.72   27.89   22.2  0.529  1455.2
 350.0   0.22   0.20   34.74   27.90   21.1  0.532  1455.6
 370.0   0.28   0.27   34.76   27.92   19.5  0.536  1456.3
 390.0   0.34   0.32   34.79   27.94   18.2  0.540  1456.9
 410.0   0.37   0.36   34.80   27.95   17.3  0.543  1457.4
 430.0   0.40   0.38   34.81   27.95   16.9  0.547  1457.9
 450.0   0.42   0.40   34.82   27.96   16.2  0.550  1458.3
 470.0   0.45   0.43   34.83   27.97   15.7  0.553  1458.8
 490.0   0.46   0.44   34.84   27.97   15.2  0.556  1459.2
 510.0   0.46   0.44   34.84   27.97   15.1  0.559  1459.5
 530.0   0.45   0.43   34.84   27.98   14.8  0.562  1459.8
 550.0   0.44   0.41   34.85   27.98   14.2  0.565  1460.1
 570.0   0.42   0.39   34.85   27.99   13.8  0.568  1460.3
 590.0   0.40   0.37   34.86   27.99   13.4  0.571  1460.6
 610.0   0.38   0.35   34.86   27.99   13.1  0.574  1460.8
 630.0   0.35   0.33   34.86   28.00   12.7  0.576  1461.1
 650.0   0.33   0.30   34.87   28.00   12.2  0.579  1461.3
 670.0   0.30   0.27   34.87   28.00   12.0  0.581  1461.5
 690.0   0.27   0.24   34.87   28.01   11.7  0.583  1461.7
 710.0   0.25   0.21   34.87   28.01   11.4  0.586  1461.9

                       DEPTH        TEMP.        SALIN

     BOT NUM = 1         4.6        -1.64        30.44
     BOT NUM = 2        35.5                     30.44
     BOT NUM = 3       249.9        -0.63        34.29
     BOT NUM = 4       498.2         0.47        34.84
     BOT NUM = 5       729.2         0.23
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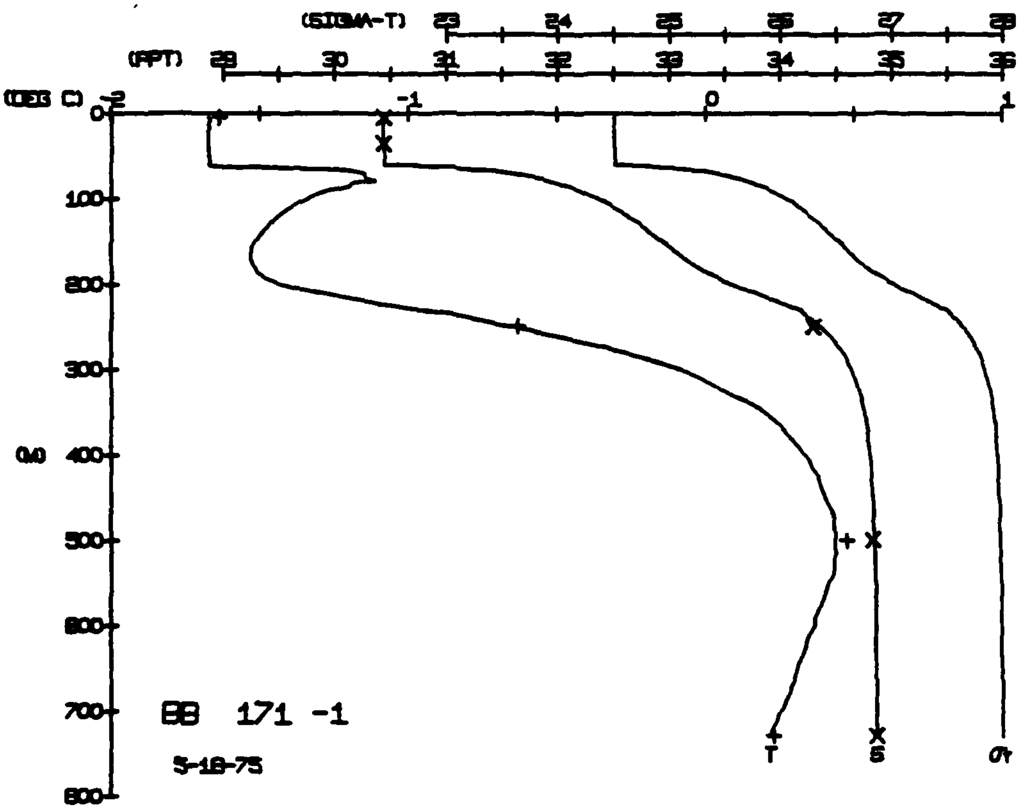
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(DEG C) -2 -1 0 1
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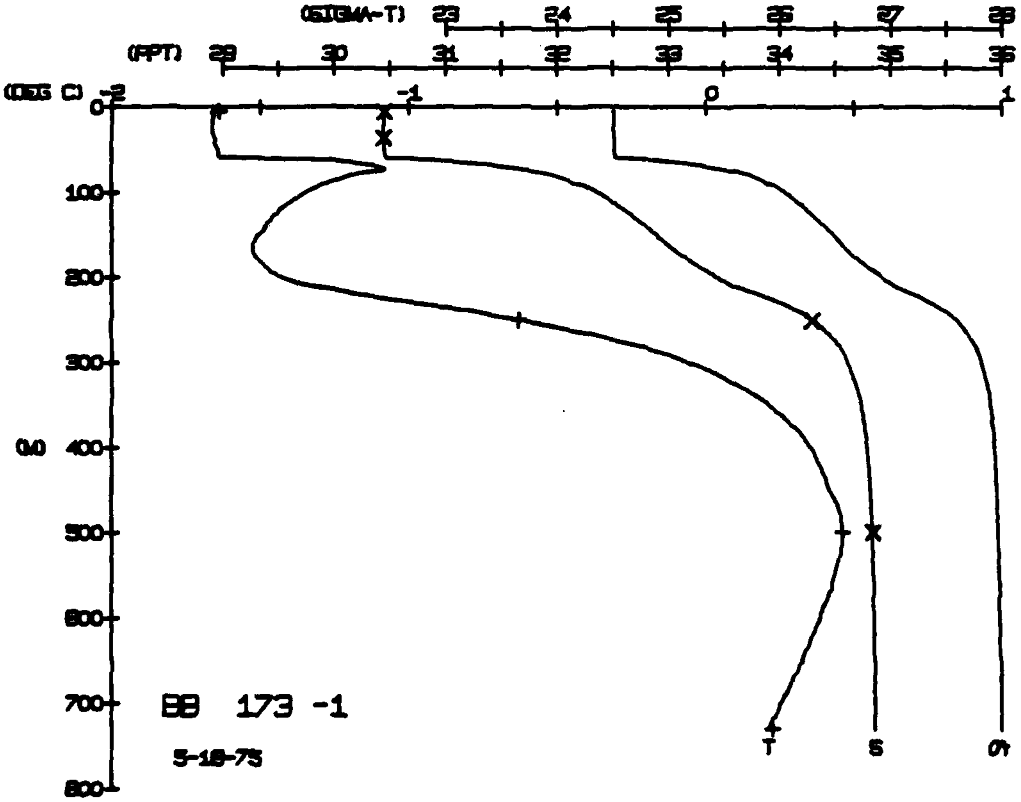
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 173 -1
5-18-75
T
S
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BIG BEAR STATION 175(1) STD  19/MAY/1975  400 GMT  CODE = 2
LAT = 76.2672N LNG = 145.6527W LTER =      1, LGER =      1,
AIR TEMP = -15.9 BARON = 1016.2 WIND =  54.6 SPEED =  56.7

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVUL  DYNHT  SOUND

   0.0   -1.69  -1.69  30.44  24.50  344.3  0.000  1434.9
   4.4   -1.69  -1.69  30.44  24.50  344.2  0.015  1435.0
   5.0   -1.69  -1.69  30.44  24.50  344.2  0.017  1435.0
  10.0   -1.69  -1.69  30.44  24.50  344.0  0.035  1435.1
  15.0   -1.69  -1.69  30.44  24.50  343.8  0.052  1435.2
  20.0   -1.69  -1.69  30.44  24.50  343.8  0.069  1435.3
  25.0   -1.69  -1.69  30.44  24.50  343.8  0.087  1435.3
  30.0   -1.69  -1.69  30.44  24.50  343.7  0.104  1435.4
  35.0   -1.70  -1.70  30.44  24.50  343.7  0.121  1435.5
  40.0   -1.70  -1.70  30.44  24.50  343.6  0.139  1435.6
  45.0   -1.70  -1.70  30.44  24.50  343.5  0.156  1435.6
  50.0   -1.70  -1.70  30.44  24.50  343.3  0.173  1435.7
  55.0   -1.70  -1.70  30.44  24.51  343.1  0.190  1435.8
  60.0   -1.69  -1.69  30.44  24.51  342.9  0.208  1435.9
  65.0   -1.67  -1.67  30.93  24.90  305.3  0.224  1436.8
  70.0   -1.27  -1.27  31.44  25.30  267.5  0.238  1439.5
  80.0   -1.15  -1.15  31.95  25.71  228.1  0.263  1440.9
  90.0   -1.28  -1.28  32.18  25.90  210.5  0.286  1440.8
 100.0   -1.36  -1.36  32.35  26.04  196.8  0.306  1440.8
 110.0   -1.42  -1.42  32.47  26.14  187.1  0.325  1440.9
 120.0   -1.45  -1.46  32.60  26.25  177.4  0.344  1441.1
 130.0   -1.49  -1.49  32.72  26.34  168.1  0.361  1441.2
 140.0   -1.51  -1.51  32.83  26.43  159.4  0.378  1441.4
 150.0   -1.54  -1.54  32.91  26.50  152.8  0.394  1441.6
 160.0   -1.55  -1.56  33.01  26.59  144.8  0.409  1441.8
 170.0   -1.56  -1.56  33.12  26.67  136.6  0.423  1442.1
 180.0   -1.55  -1.56  33.24  26.76  128.5  0.436  1442.5
 190.0   -1.53  -1.54  33.36  26.86  118.4  0.449  1442.9
 200.0   -1.49  -1.49  33.51  26.98  107.3  0.460  1443.5
 210.0   -1.39  -1.39  33.66  27.10   92.3  0.470  1444.4
 220.0   -1.24  -1.25  33.89  27.28   78.4  0.479  1445.5
 230.0   -1.08  -1.08  34.10  27.45   62.9  0.486  1446.8
 240.0   -0.86  -0.86  34.28  27.58   53.1  0.492  1448.2
 250.0   -0.73  -0.74  34.35  27.63   46.0  0.497  1449.1
 260.0   -0.59  -0.60  34.43  27.69   40.4  0.501  1450.0
 270.0   -0.46  -0.47  34.50  27.75   35.5  0.505  1450.8
 280.0   -0.34  -0.35  34.55  27.78   31.9  0.508  1451.6
 290.0   -0.23  -0.24  34.60  27.82   29.0  0.511  1452.4
 300.0   -0.15  -0.16  34.64  27.84   26.8  0.514  1453.0
 310.0   -0.06  -0.07  34.67  27.86   24.8  0.517  1453.6
 320.0    0.00  -0.01  34.69  27.88   23.3  0.519  1454.1
 330.0    0.06   0.05  34.72  27.90   21.8  0.521  1454.6
 340.0    0.12   0.11  34.74  27.91   20.6  0.524  1455.0
 350.0    0.17   0.16  34.75  27.92   19.7  0.526  1455.4
 370.0    0.25   0.23  34.78  27.93   18.4  0.529  1456.1
 390.0    0.30   0.28  34.80  27.95   17.4  0.533  1456.7
 410.0    0.34   0.32  34.81  27.95   16.6  0.536  1457.2
 430.0    0.36   0.34  34.82  27.96   16.1  0.540  1457.7
 450.0    0.38   0.36  34.83  27.97   15.4  0.543  1458.1
 470.0    0.40   0.38  34.84  27.97   14.9  0.546  1458.6
 490.0    0.41   0.39  34.84  27.98   14.5  0.549  1459.0
 510.0    0.42   0.40  34.85  27.98   14.2  0.552  1459.4
 530.0    0.42   0.40  34.85  27.98   14.0  0.555  1459.7
 550.0    0.41   0.39  34.85  27.99   13.8  0.558  1460.0
 570.0    0.39   0.37  34.86  27.99   13.4  0.560  1460.2
 590.0    0.37   0.34  34.86  27.99   12.9  0.563  1460.5
 610.0    0.35   0.32  34.86  28.00   12.7  0.566  1460.7
 630.0    0.32   0.30  34.87  28.00   12.4  0.568  1460.9
 650.0    0.30   0.27  34.87  28.00   12.1  0.571  1461.2
 670.0    0.29   0.26  34.87  28.00   12.0  0.573  1461.5
 690.0    0.27   0.24  34.87  28.01   11.8  0.575  1461.7
 710.0    0.25   0.21  34.87  28.01   11.5  0.578  1461.9

                    DEPTH      TEMP.      SALIN

   BOT NUM = 1        4.4      -1.66      30.43
   BOT NUM = 2       50.4                 30.44
   BOT NUM = 3      250.0      -0.65      34.30
   BOT NUM = 4      496.3       0.46      34.85
   BOT NUM = 5      729.2       0.23      34.87
```

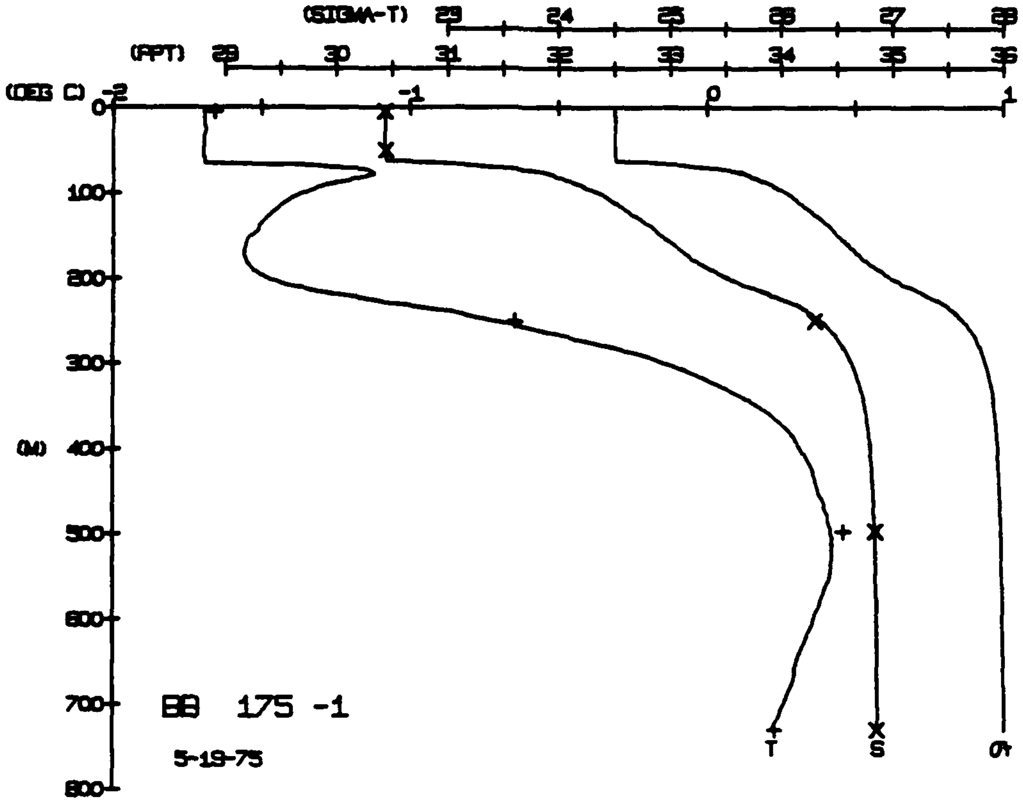
```
BIG BEAR STATION 177(1) STD  19/MAY/1975 1708 GMT  CODE = 2
LAT = 76.2447N LNG = 145.7310W LTER =      1, LGER =      2,
AIR TEMP = -13.6 BARON = 1019.4 WIND = 355.1 SPEED =  42.3

DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0   -1.66  -1.66  30.43  24.50  344.6  0.000  1435.0
  5.0   -1.66  -1.66  30.43  24.50  344.5  0.017  1435.1
  7.6   -1.66  -1.66  30.43  24.50  344.5  0.026  1435.2
 10.0   -1.66  -1.66  30.43  24.50  344.5  0.035  1435.2
 15.0   -1.66  -1.66  30.43  24.50  344.4  0.052  1435.3
 20.0   -1.66  -1.66  30.43  24.50  344.3  0.069  1435.4
 25.0   -1.66  -1.66  30.43  24.50  344.3  0.087  1435.5
 30.0   -1.66  -1.66  30.43  24.50  344.1  0.104  1435.6
 35.0   -1.66  -1.66  30.43  24.50  344.1  0.121  1435.6
 40.0   -1.66  -1.66  30.44  24.50  343.9  0.139  1435.7
 45.0   -1.66  -1.66  30.44  24.50  343.8  0.156  1435.8
 50.0   -1.66  -1.66  30.44  24.50  343.7  0.173  1435.9
 55.0   -1.66  -1.66  30.44  24.50  343.6  0.191  1436.0
 60.0   -1.66  -1.66  30.45  24.51  342.4  0.208  1436.1
 65.0   -1.25  -1.25  31.18  25.10  286.9  0.224  1439.1
 70.0   -1.13  -1.13  31.59  25.42  256.1  0.237  1440.3
 80.0   -1.15  -1.15  31.96  25.72  227.5  0.262  1441.0
 90.0   -1.26  -1.26  32.19  25.91  209.5  0.284  1440.9
100.0   -1.35  -1.35  32.36  26.05  196.0  0.304  1440.9
110.0   -1.40  -1.40  32.50  26.17  184.8  0.324  1441.0
120.0   -1.43  -1.43  32.61  26.25  176.5  0.342  1441.2
130.0   -1.46  -1.47  32.71  26.34  168.4  0.359  1441.3
140.0   -1.49  -1.49  32.81  26.41  161.2  0.376  1441.5
150.0   -1.50  -1.50  32.91  26.50  153.3  0.392  1441.8
160.0   -1.52  -1.52  33.00  26.57  145.9  0.407  1442.0
170.0   -1.52  -1.52  33.12  26.67  137.1  0.421  1442.3
180.0   -1.51  -1.51  33.24  26.77  127.5  0.434  1442.7
190.0   -1.47  -1.47  33.39  26.88  116.5  0.447  1443.3
200.0   -1.40  -1.40  33.54  27.00  105.0  0.458  1444.0
210.0   -1.29  -1.30  33.70  27.13   92.8  0.468  1444.9
220.0   -1.16  -1.17  33.88  27.27   79.7  0.477  1445.9
230.0   -0.97  -0.97  34.10  27.44   64.0  0.484  1447.3
240.0   -0.79  -0.80  34.23  27.54   54.6  0.490  1448.4
250.0   -0.60  -0.61  34.36  27.64   45.1  0.495  1449.7
260.0   -0.47  -0.48  34.44  27.70   40.0  0.499  1450.6
270.0   -0.36  -0.37  34.50  27.74   35.6  0.503  1451.3
280.0   -0.24  -0.25  34.56  27.78   32.0  0.506  1452.1
290.0   -0.14  -0.15  34.61  27.82   29.1  0.509  1452.8
300.0   -0.06  -0.07  34.64  27.84   27.1  0.512  1453.4
310.0    0.02   0.01  34.67  27.86   25.1  0.515  1454.0
320.0    0.08   0.07  34.70  27.88   23.5  0.517  1454.4
330.0    0.13   0.11  34.72  27.89   22.0  0.520  1454.8
340.0    0.17   0.16  34.74  27.90   21.1  0.522  1455.2
350.0    0.22   0.21  34.75  27.91   20.2  0.524  1455.7
370.0    0.29   0.27  34.78  27.93   18.7  0.528  1456.3
390.0    0.33   0.31  34.80  27.94   17.5  0.531  1456.9
410.0    0.37   0.35  34.81  27.95   16.6  0.535  1457.4
430.0    0.40   0.38  34.82  27.96   16.2  0.538  1457.9
450.0    0.41   0.39  34.83  27.97   15.6  0.541  1458.3
470.0    0.44   0.42  34.84  27.97   15.1  0.545  1458.7
490.0    0.46   0.43  34.84  27.98   14.7  0.548  1459.2
510.0    0.45   0.43  34.85  27.98   14.5  0.551  1459.5
530.0    0.45   0.42  34.85  27.98   14.2  0.553  1459.8
550.0    0.44   0.41  34.85  27.98   14.0  0.556  1460.1
570.0    0.41   0.39  34.86  27.99   13.6  0.559  1460.3
590.0    0.39   0.37  34.86  27.99   13.3  0.562  1460.6
610.0    0.38   0.35  34.86  27.99   13.1  0.564  1460.8
630.0    0.36   0.33  34.86  28.00   12.7  0.567  1461.1
650.0    0.33   0.30  34.86  28.00   12.6  0.570  1461.3
670.0    0.30   0.27  34.86  28.00   12.3  0.572  1461.5
690.0    0.28   0.24  34.87  28.01   11.8  0.575  1461.7
710.0    0.25   0.22  34.87  28.01   11.5  0.577  1461.9
729.3    0.22   0.19  34.87  28.01   11.1  0.579  1462.1

                    DEPTH      TEMP.      SALIN

   BOT NUM = 1        4.6      -1.64      30.43
   BOT NUM = 2      252.4      -0.60      34.30
   BOT NUM = 3      499.5       0.46      34.84
   BOT NUM = 4      728.6       0.24      34.87
```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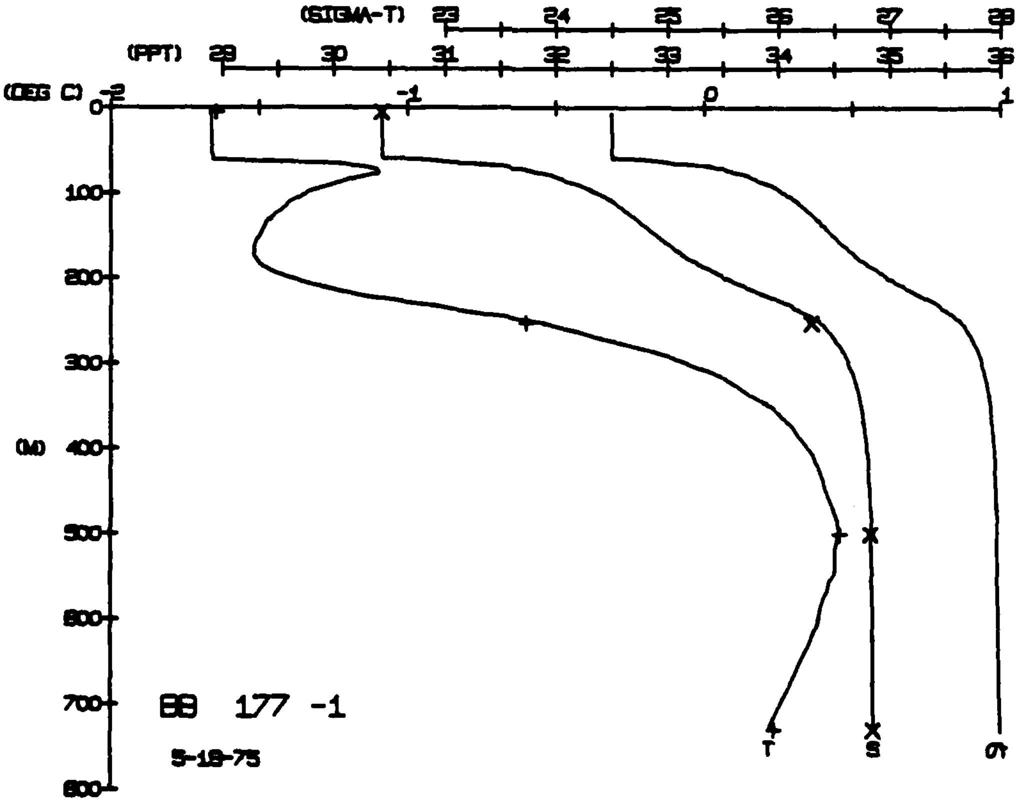
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
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5-19-75
T
S
σt

```
BIG BEAR STATION 179(1) STD  20/MAY/1975  400 GMT  CODE = 2
LAT = 76.2234N LNG = 145.7751W LTER =      1, LGER =      2,
AIR TEMP = -13.6 BAROM = 1020.4 WIND = 355.1 SPEED =  42.3

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0  -1.66  -1.66  30.43  24.50  344.7  0.000  1435.0
  4.0  -1.66  -1.66  30.43  24.50  344.6  0.014  1435.1
  5.0  -1.66  -1.66  30.43  24.50  344.6  0.017  1435.1
 10.0  -1.66  -1.66  30.43  24.50  344.5  0.035  1435.2
 15.0  -1.66  -1.66  30.43  24.50  344.5  0.052  1435.3
 20.0  -1.66  -1.66  30.43  24.50  344.4  0.069  1435.4
 25.0  -1.66  -1.66  30.43  24.50  344.3  0.087  1435.5
 30.0  -1.66  -1.66  30.43  24.50  344.3  0.104  1435.6
 35.0  -1.66  -1.66  30.43  24.50  344.1  0.121  1435.6
 40.0  -1.66  -1.66  30.43  24.50  344.0  0.139  1435.7
 45.0  -1.66  -1.66  30.43  24.50  344.1  0.156  1435.8
 50.0  -1.66  -1.66  30.43  24.50  343.8  0.173  1435.9
 55.0  -1.66  -1.66  30.44  24.50  343.8  0.191  1436.0
 60.0  -1.66  -1.66  30.44  24.50  343.2  0.208  1436.1
 65.0  -1.19  -1.19  31.28  25.17  279.8  0.224  1439.5
 70.0  -1.13  -1.13  31.62  25.45  253.6  0.237  1440.4
 80.0  -1.20  -1.20  32.00  25.75  224.6  0.261  1440.8
 90.0  -1.29  -1.29  32.22  25.93  207.0  0.283  1440.8
100.0  -1.36  -1.36  32.37  26.05  195.7  0.303  1440.8
110.0  -1.41  -1.41  32.50  26.16  185.4  0.323  1441.0
120.0  -1.44  -1.45  32.62  26.26  175.7  0.341  1441.1
130.0  -1.48  -1.48  32.71  26.34  168.1  0.358  1441.3
140.0  -1.50  -1.50  32.81  26.41  161.1  0.375  1441.5
150.0  -1.51  -1.52  32.91  26.50  152.9  0.391  1441.7
160.0  -1.53  -1.54  33.02  26.59  144.9  0.406  1441.9
170.0  -1.53  -1.53  33.12  26.67  136.8  0.420  1442.3
180.0  -1.51  -1.52  33.24  26.76  127.9  0.433  1442.7
190.0  -1.48  -1.48  33.36  26.86  118.4  0.446  1443.2
200.0  -1.39  -1.39  33.54  27.00  105.3  0.457  1444.0
210.0  -1.27  -1.27  33.71  27.14   92.2  0.467  1445.0
220.0  -1.11  -1.11  33.91  27.29   77.9  0.475  1446.2
230.0  -0.93  -0.93  34.08  27.43   65.1  0.483  1447.4
240.0  -0.74  -0.75  34.24  27.55   54.0  0.489  1448.7
250.0  -0.58  -0.59  34.35  27.63   46.0  0.494  1449.8
260.0  -0.46  -0.47  34.43  27.69   40.8  0.498  1450.6
270.0  -0.34  -0.35  34.49  27.74   36.6  0.502  1451.4
280.0  -0.24  -0.25  34.55  27.78   32.8  0.506  1452.1
290.0  -0.14  -0.15  34.60  27.81   29.7  0.509  1452.8
300.0  -0.05  -0.06  34.63  27.84   27.5  0.512  1453.4
310.0   0.02   0.01  34.66  27.85   25.6  0.514  1453.9
320.0   0.08   0.07  34.69  27.87   24.0  0.517  1454.4
330.0   0.14   0.12  34.71  27.89   22.6  0.519  1454.9
340.0   0.19   0.17  34.73  27.90   21.3  0.521  1455.3
350.0   0.22   0.21  34.75  27.91   20.5  0.523  1455.7
370.0   0.27   0.26  34.77  27.93   18.9  0.527  1456.3
390.0   0.32   0.31  34.79  27.94   17.7  0.531  1456.8
410.0   0.36   0.34  34.81  27.95   16.9  0.535  1457.4
430.0   0.39   0.37  34.81  27.96   16.5  0.538  1457.8
450.0   0.41   0.39  34.82  27.96   15.9  0.541  1458.3
470.0   0.43   0.41  34.83  27.97   15.4  0.544  1458.7
490.0   0.45   0.43  34.84  27.97   14.9  0.547  1459.1
510.0   0.45   0.42  34.85  27.98   14.6  0.550  1459.5
530.0   0.44   0.42  34.85  27.98   14.2  0.553  1459.8
550.0   0.42   0.39  34.85  27.98   13.9  0.556  1460.0
570.0   0.40   0.37  34.85  27.99   13.7  0.559  1460.3
590.0   0.38   0.35  34.86  27.99   13.2  0.562  1460.5
610.0   0.35   0.33  34.86  27.99   13.0  0.564  1460.7
630.0   0.34   0.31  34.86  28.00   12.7  0.567  1461.0
650.0   0.32   0.29  34.87  28.00   12.2  0.569  1461.3
670.0   0.30   0.27  34.87  28.00   12.0  0.572  1461.5
690.0   0.27   0.24  34.87  28.01   11.7  0.574  1461.7
710.0   0.24   0.21  34.87  28.01   11.3  0.577  1461.9

                    DEPTH     TEMP.     SALIN

     BOT NUM = 1      4.1     -1.65     30.44
     BOT NUM = 2     50.2               30.42
     BOT NUM = 3    249.5     -0.67     34.28
     BOT NUM = 4    498.9      0.47     34.84
     BOT NUM = 5    728.8      0.22     34.87
     BOT NUM = 6    728.8               34.88
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```
BIG BEAR STATION 181(1) STD  20/MAY/1975 1700 GMT  CODE = 2
LAT = 76.2091N LNG = 145.7637W LTER =      0, LGER =      0,
AIR TEMP =  -9.6 BARUM = 1021.4 WIND =  27.4 SPEED =  29.6

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0  -1.66  -1.66  30.43  24.49  344.8  0.000  1435.1
  5.0  -1.66  -1.66  30.43  24.49  344.8  0.017  1435.2
  6.7  -1.66  -1.66  30.43  24.49  344.8  0.023  1435.2
 10.0  -1.66  -1.66  30.43  24.49  344.7  0.035  1435.2
 15.0  -1.66  -1.66  30.43  24.49  344.6  0.052  1435.3
 20.0  -1.66  -1.66  30.43  24.49  344.6  0.069  1435.4
 25.0  -1.66  -1.66  30.43  24.49  344.5  0.087  1435.5
 30.0  -1.66  -1.66  30.43  24.49  344.4  0.104  1435.6
 35.0  -1.66  -1.66  30.43  24.50  344.3  0.121  1435.7
 40.0  -1.66  -1.66  30.43  24.50  344.2  0.139  1435.7
 45.0  -1.66  -1.66  30.43  24.50  344.1  0.156  1435.8
 50.0  -1.66  -1.66  30.43  24.50  344.0  0.173  1435.9
 55.0  -1.66  -1.66  30.43  24.50  343.9  0.191  1436.0
 60.0  -1.57  -1.57  30.78  24.78  317.0  0.207  1437.0
 65.0  -1.20  -1.20  31.21  25.11  285.3  0.223  1439.4
 70.0  -1.11  -1.11  31.64  25.46  252.5  0.236  1440.5
 80.0  -1.17  -1.17  32.00  25.75  224.6  0.260  1440.9
 90.0  -1.27  -1.27  32.21  25.93  207.8  0.282  1440.9
100.0  -1.35  -1.35  32.37  26.06  195.3  0.302  1440.9
110.0  -1.40  -1.40  32.49  26.16  185.8  0.322  1441.0
120.0  -1.43  -1.44  32.61  26.26  176.3  0.340  1441.2
130.0  -1.46  -1.46  32.73  26.35  167.4  0.357  1441.4
140.0  -1.49  -1.49  32.81  26.42  160.9  0.374  1441.5
150.0  -1.50  -1.51  32.92  26.51  152.5  0.390  1441.8
160.0  -1.52  -1.53  33.01  26.58  145.2  0.405  1442.0
170.0  -1.52  -1.53  33.10  26.66  138.1  0.419  1442.3
180.0  -1.52  -1.52  33.21  26.74  129.8  0.432  1442.6
190.0  -1.47  -1.47  33.37  26.87  118.0  0.445  1443.2
200.0  -1.39  -1.39  33.52  26.99  106.8  0.456  1444.0
210.0  -1.26  -1.27  33.70  27.13   93.3  0.466  1445.0
220.0  -1.11  -1.12  33.90  27.29   78.1  0.475  1446.2
230.0  -0.93  -0.93  34.08  27.43   65.3  0.482  1447.4
240.0  -0.75  -0.76  34.22  27.53   55.4  0.488  1448.6
250.0  -0.62  -0.63  34.33  27.62   47.6  0.493  1449.5
260.0  -0.47  -0.48  34.43  27.69   41.0  0.498  1450.6
270.0  -0.32  -0.33  34.50  27.74   35.8  0.502  1451.5
280.0  -0.21  -0.22  34.56  27.79   32.0  0.505  1452.3
290.0  -0.11  -0.13  34.60  27.81   29.3  0.508  1452.9
300.0  -0.02  -0.04  34.64  27.84   27.2  0.511  1453.5
310.0   0.04   0.03  34.67  27.86   25.1  0.514  1454.1
320.0   0.10   0.08  34.70  27.88   23.5  0.516  1454.5
330.0   0.15   0.13  34.72  27.89   22.2  0.519  1454.9
340.0   0.19   0.17  34.74  27.90   21.1  0.521  1455.3
350.0   0.23   0.21  34.75  27.91   20.2  0.523  1455.7
370.0   0.29   0.27  34.77  27.93   18.8  0.527  1456.3
390.0   0.33   0.32  34.80  27.94   17.5  0.531  1456.9
410.0   0.37   0.35  34.81  27.95   16.7  0.534  1457.4
430.0   0.39   0.37  34.82  27.96   16.4  0.537  1457.8
450.0   0.42   0.40  34.82  27.96   16.0  0.541  1458.3
470.0   0.44   0.42  34.83  27.97   15.6  0.544  1458.7
490.0   0.45   0.43  34.84  27.97   15.1  0.547  1459.1
510.0   0.46   0.43  34.85  27.98   14.7  0.550  1459.5
530.0   0.46   0.44  34.85  27.98   14.3  0.553  1459.9
550.0   0.46   0.44  34.85  27.98   14.1  0.556  1460.2
570.0   0.44   0.42  34.86  27.99   13.7  0.559  1460.5
590.0   0.42   0.39  34.86  27.99   13.3  0.561  1460.7
610.0   0.39   0.37  34.86  27.99   13.0  0.564  1460.9
630.0   0.37   0.34  34.86  28.00   12.8  0.566  1461.1
650.0   0.34   0.31  34.87  28.00   12.3  0.569  1461.4
670.0   0.32   0.28  34.87  28.00   12.0  0.571  1461.6
690.0   0.29   0.26  34.87  28.01   11.8  0.574  1461.8
710.0   0.26   0.23  34.87  28.01   11.5  0.576  1462.0

                    DEPTH     TEMP.     SALIN

     BOT NUM = 1      4.4     -1.65     30.41
     BOT NUM = 2     55.0               30.42
     BOT NUM = 3    250.0     -0.68     34.25
     BOT NUM = 4    497.9      0.46     34.84
     BOT NUM = 5    729.0      0.23     34.86
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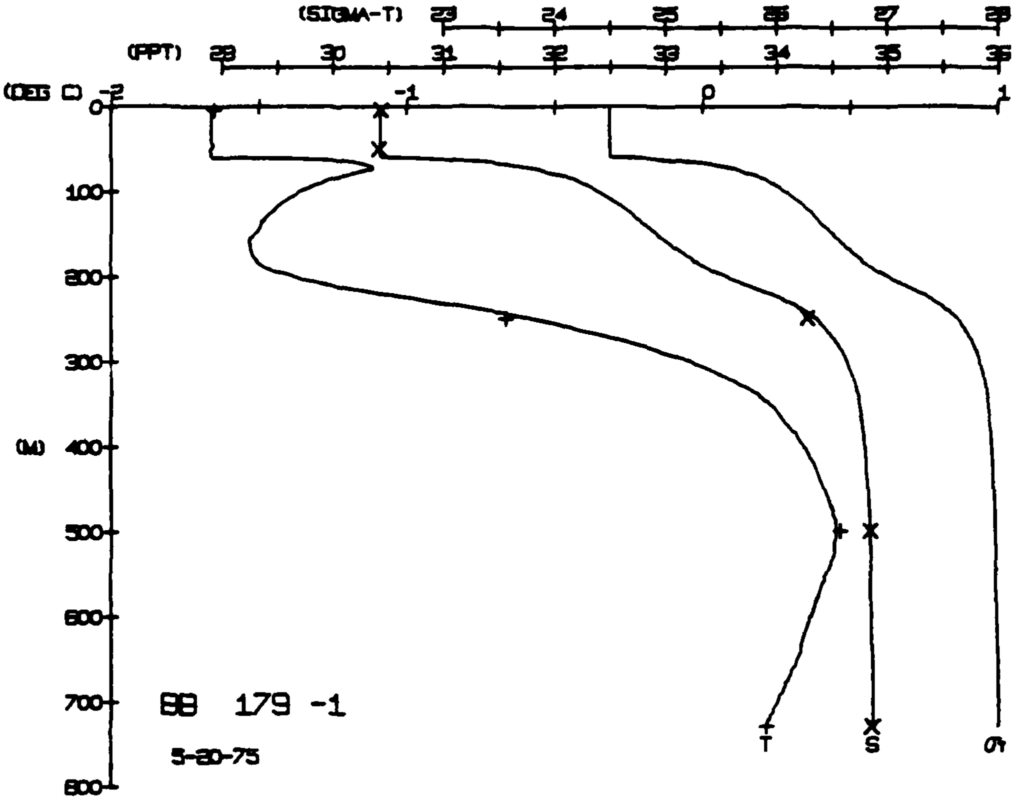
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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200
300
(M) 400
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600
700
800
BB 179 -1
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T
S
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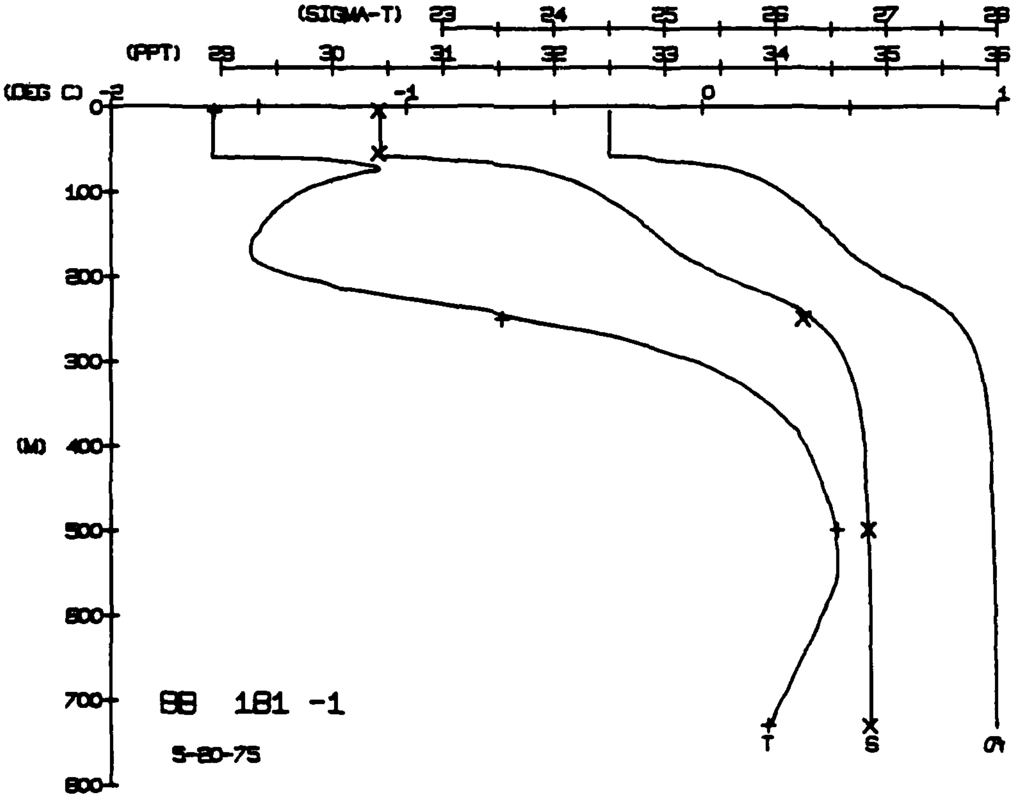
(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 181 -1
5-20-75
T
S
σt

```
BIG BEAR STATION 183(1) STD  21/MAY/1975  500 GMT  CODE = 2
LAT = 76.2041N LNG = 145.7180W LTER =      1, LGER =      2,
AIR TEMP =  -9.6 BAROM = 1021.3 WIND =  27.4 SPEED =  29.6

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.67   -1.67   30.42   24.49   345.4   0.000  1435.0
   5.0   -1.67   -1.67   30.42   24.49   345.4   0.017  1435.1
  10.0   -1.67   -1.67   30.42   24.49   345.3   0.035  1435.2
  12.1   -1.67   -1.67   30.42   24.49   345.3   0.042  1435.2
  15.0   -1.67   -1.67   30.42   24.49   345.2   0.052  1435.2
  20.0   -1.67   -1.67   30.42   24.49   345.2   0.070  1435.3
  25.0   -1.67   -1.67   30.42   24.49   345.1   0.087  1435.4
  30.0   -1.67   -1.67   30.42   24.49   345.0   0.104  1435.5
  35.0   -1.67   -1.67   30.42   24.49   344.9   0.122  1435.6
  40.0   -1.67   -1.68   30.42   24.49   344.9   0.139  1435.6
  45.0   -1.68   -1.68   30.42   24.49   344.8   0.156  1435.7
  50.0   -1.67   -1.67   30.42   24.49   344.6   0.174  1435.8
  55.0   -1.67   -1.67   30.43   24.49   344.3   0.191  1435.9
  60.0   -1.66   -1.66   30.43   24.50   344.0   0.208  1436.0
  65.0   -1.28   -1.28   31.02   24.96   299.6   0.225  1438.8
  70.0   -1.14   -1.14   31.56   25.40   258.1   0.239  1440.3
  80.0   -1.16   -1.16   31.96   25.72   227.4   0.263  1440.9
  90.0   -1.29   -1.29   32.16   25.88   212.0   0.285  1440.7
 100.0   -1.36   -1.36   32.33   26.02   198.5   0.306  1440.8
 110.0   -1.41   -1.41   32.47   26.14   187.3   0.326  1440.9
 120.0   -1.45   -1.45   32.60   26.25   177.3   0.344  1441.1
 130.0   -1.48   -1.48   32.70   26.33   169.6   0.361  1441.3
 140.0   -1.50   -1.50   32.80   26.41   161.7   0.378  1441.4
 150.0   -1.52   -1.52   32.89   26.48   154.9   0.394  1441.6
 160.0   -1.54   -1.54   32.99   26.56   146.8   0.409  1441.9
 170.0   -1.54   -1.55   33.09   26.64   139.4   0.424  1442.2
 180.0   -1.53   -1.54   33.20   26.73   131.0   0.437  1442.5
 190.0   -1.50   -1.50   33.33   26.84   120.6   0.450  1443.0
 200.0   -1.42   -1.43   33.48   26.96   109.5   0.462  1443.8
 210.0   -1.33   -1.34   33.62   27.07    98.7   0.472  1444.6
 220.0   -1.22   -1.23   33.78   27.19    87.3   0.482  1445.5
 230.0   -1.07   -1.08   33.96   27.34    73.7   0.490  1446.6
 240.0   -0.87   -0.88   34.15   27.48    60.3   0.497  1447.9
 250.0   -0.68   -0.69   34.28   27.58    50.9   0.502  1449.2
 260.0   -0.53   -0.53   34.40   27.67    42.9   0.507  1450.2
 270.0   -0.41   -0.42   34.47   27.72    37.8   0.511  1451.0
 280.0   -0.28   -0.29   34.53   27.76    34.3   0.515  1451.9
 290.0   -0.18   -0.19   34.58   27.79    31.2   0.518  1452.6
 300.0   -0.09   -0.10   34.62   27.82    28.7   0.521  1453.2
 310.0   -0.01   -0.02   34.65   27.85    26.3   0.524  1453.8
 320.0    0.05    0.03   34.68   27.87    24.3   0.526  1454.3
 330.0    0.09    0.08   34.70   27.88    22.9   0.529  1454.7
 340.0    0.15    0.14   34.72   27.90    21.7   0.531  1455.1
 350.0    0.19    0.17   34.74   27.91    20.7   0.533  1455.5
 370.0    0.26    0.24   34.77   27.92    19.2   0.537  1456.2
 390.0    0.31    0.29   34.79   27.94    17.8   0.541  1456.8
 410.0    0.35    0.34   34.80   27.95    17.0   0.544  1457.3
 430.0    0.38    0.36   34.82   27.96    16.4   0.548  1457.8
 450.0    0.40    0.38   34.82   27.96    15.9   0.551  1458.2
 470.0    0.42    0.40   34.83   27.97    15.3   0.554  1458.7
 490.0    0.44    0.42   34.84   27.97    14.9   0.557  1459.1
 510.0    0.45    0.42   34.84   27.98    14.7   0.560  1459.5
 530.0    0.44    0.42   34.85   27.98    14.4   0.563  1459.8
 550.0    0.44    0.41   34.85   27.98    14.1   0.566  1460.1
 570.0    0.41    0.39   34.86   27.99    13.7   0.569  1460.3
 590.0    0.39    0.37   34.86   27.99    13.3   0.572  1460.6
 610.0    0.37    0.35   34.86   27.99    13.0   0.574  1460.8
 630.0    0.36    0.33   34.86   28.00    12.7   0.577  1461.1
 650.0    0.33    0.30   34.87   28.00    12.4   0.579  1461.3
 670.0    0.30    0.27   34.87   28.00    12.1   0.582  1461.5
 690.0    0.27    0.24   34.87   28.01    11.7   0.584  1461.7
 710.0    0.25    0.22   34.87   28.01    11.5   0.587  1461.9

                        DEPTH      TEMP.      SALIN

     BUT NUM = 1          4.4      -1.64      30.42
     BUT NUM = 2         50.4                 30.42
     BUT NUM = 3        250.2      -0.66      34.26
     BUT NUM = 4        495.6       0.46      34.84
     BUT NUM = 5        729.8       0.22      34.86
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BIG BEAR STATION 185(1) STD  21/MAY/1975 1700 GMT  CODE = 2
LAT = 76.2045N LNG = 145.6606W LTER =      0, LGER =      0,
AIR TEMP = -11.1 BAROM = 1020.8 WIND = 164.3 SPEED =  37.1

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

  0.0   -1.65   -1.65   30.43   24.49   344.9   0.000  1435.1
  5.0   -1.65   -1.65   30.43   24.49   344.8   0.017  1435.2
  5.9   -1.65   -1.65   30.43   24.49   344.8   0.021  1435.2
 10.0   -1.65   -1.65   30.43   24.49   344.8   0.035  1435.3
 15.0   -1.65   -1.65   30.43   24.49   344.7   0.052  1435.4
 20.0   -1.65   -1.65   30.43   24.49   344.7   0.069  1435.4
 25.0   -1.65   -1.65   30.43   24.49   344.6   0.087  1435.5
 30.0   -1.65   -1.65   30.43   24.49   344.5   0.104  1435.6
 35.0   -1.65   -1.65   30.43   24.49   344.4   0.121  1435.7
 40.0   -1.65   -1.65   30.43   24.49   344.3   0.139  1435.8
 45.0   -1.65   -1.65   30.43   24.50   344.0   0.156  1435.9
 50.0   -1.64   -1.65   30.43   24.50   343.9   0.173  1436.0
 55.0   -1.64   -1.65   30.44   24.50   343.6   0.190  1436.0
 60.0   -1.63   -1.63   30.67   24.69   325.8   0.206  1436.5
 65.0   -1.23   -1.23   31.20   25.11   285.9   0.223  1439.2
 70.0   -1.10   -1.10   31.63   25.46   252.7   0.237  1440.5
 80.0   -1.16   -1.16   31.98   25.74   225.6   0.261  1440.9
 90.0   -1.28   -1.28   32.22   25.94   206.8   0.283  1440.9
100.0   -1.34   -1.35   32.38   26.06   194.9   0.303  1440.9
110.0   -1.39   -1.39   32.51   26.17   184.2   0.322  1441.1
120.0   -1.43   -1.43   32.63   26.27   174.9   0.340  1441.2
130.0   -1.46   -1.46   32.73   26.35   167.1   0.357  1441.4
140.0   -1.48   -1.48   32.82   26.42   160.4   0.374  1441.6
150.0   -1.50   -1.51   32.91   26.50   152.9   0.390  1441.8
160.0   -1.52   -1.52   33.02   26.59   144.8   0.405  1442.0
170.0   -1.52   -1.52   33.11   26.66   138.0   0.419  1442.3
180.0   -1.51   -1.51   33.22   26.75   129.3   0.432  1442.7
190.0   -1.48   -1.48   33.36   26.86   118.6   0.445  1443.2
200.0   -1.39   -1.39   33.51   26.98   107.2   0.456  1444.0
210.0   -1.28   -1.29   33.70   27.13    93.3   0.466  1444.9
220.0   -1.15   -1.15   33.88   27.27    79.7   0.475  1446.0
230.0   -0.95   -0.96   34.08   27.43    65.0   0.482  1447.3
240.0   -0.78   -0.78   34.24   27.55    54.2   0.488  1448.5
250.0   -0.60   -0.61   34.36   27.64    45.4   0.494  1449.7
260.0   -0.47   -0.48   34.44   27.70    40.1   0.498  1450.5
270.0   -0.37   -0.38   34.50   27.74    35.9   0.502  1451.2
280.0   -0.24   -0.25   34.55   27.78    32.4   0.505  1452.1
290.0   -0.15   -0.16   34.60   27.81    29.4   0.508  1452.8
300.0   -0.06   -0.07   34.64   27.84    27.1   0.511  1453.4
310.0    0.01    0.00   34.67   27.86    25.3   0.514  1453.9
320.0    0.07    0.06   34.69   27.88    23.7   0.516  1454.4
330.0    0.12    0.11   34.72   27.89    22.1   0.519  1454.8
340.0    0.18    0.17   34.74   27.91    21.0   0.521  1455.3
350.0    0.22    0.20   34.75   27.92    20.0   0.523  1455.6
370.0    0.28    0.27   34.78   27.93    18.6   0.527  1456.3
390.0    0.33    0.31   34.80   27.94    17.4   0.530  1456.9
410.0    0.37    0.35   34.81   27.95    16.5   0.534  1457.4
430.0    0.40    0.38   34.82   27.96    16.1   0.537  1457.9
450.0    0.42    0.40   34.83   27.97    15.5   0.540  1458.3
470.0    0.44    0.42   34.84   27.97    14.9   0.543  1458.8
490.0    0.45    0.43   34.84   27.98    14.7   0.546  1459.2
510.0    0.45    0.43   34.85   27.98    14.3   0.549  1459.5
530.0    0.45    0.43   34.85   27.98    14.0   0.552  1459.8
550.0    0.44    0.42   34.86   27.99    13.9   0.555  1460.1
570.0    0.42    0.39   34.86   27.99    13.4   0.558  1460.3
590.0    0.40    0.37   34.86   27.99    13.0   0.560  1460.6
610.0    0.39    0.36   34.87   28.00    12.8   0.563  1460.9
630.0    0.36    0.34   34.87   28.00    12.6   0.566  1461.1
650.0    0.33    0.30   34.87   28.00    12.4   0.568  1461.3
670.0    0.30    0.27   34.87   28.00    12.0   0.571  1461.5
690.0    0.28    0.25   34.87   28.01    11.7   0.573  1461.7
710.0    0.24    0.21   34.87   28.01    11.5   0.575  1461.9
730.0    0.22    0.18   34.87   28.01    11.1   0.578  1462.1

                        DEPTH      TEMP.      SALIN

     BOT NUM = 1          4.4      -1.65      30.41
     BOT NUM = 2         40.3                 30.42
     BOT NUM = 3        250.2      -0.65      34.27
     BOT NUM = 4        500.4                 34.85
     BOT NUM = 5        731.5       0.22      34.85
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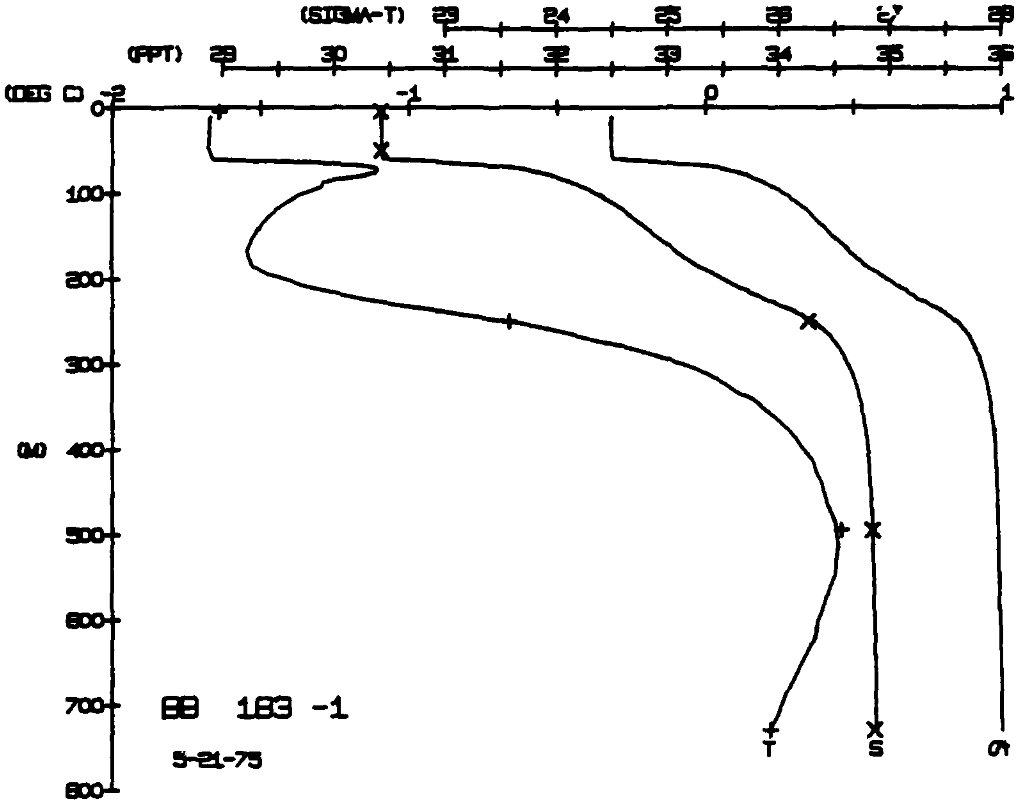
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(PPT)
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36
(DEG C)
-2
-1
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BB 183 -1
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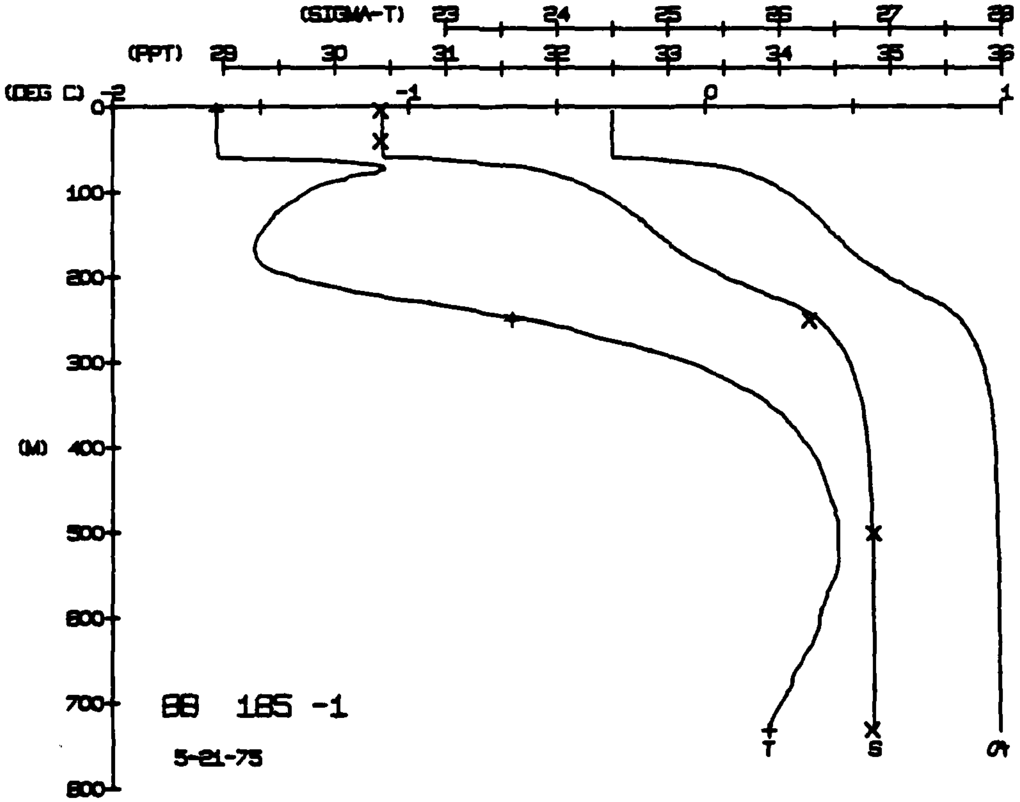
(SIGMA-T)
23
24
25
26
27
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(PPT)
29
30
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34
35
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-2
-1
0
1
0
100
200
300
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400
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BB 185 -1
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BIG BEAR STATION 187(1) STD  22/MAY/1975  500 GMT  CODE = 2
LAT = 76.2234N LNG = 145.5858W LTER =     0, LGER =     0,
AIR TEMP = -11.1 BAROM = 1019.1 WIND = 164.3 SPEED =  37.1

 DEPTH   TEMP   PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.67  -1.67  30.45  24.51  343.5  0.000  1435.0
   5.0  -1.67  -1.67  30.45  24.51  343.4  0.017  1435.1
   5.2  -1.67  -1.67  30.45  24.51  343.4  0.018  1435.1
  10.0  -1.67  -1.67  30.45  24.51  343.2  0.035  1435.2
  15.0  -1.67  -1.67  30.45  24.51  343.1  0.052  1435.3
  20.0  -1.67  -1.67  30.45  24.51  343.2  0.069  1435.4
  25.0  -1.67  -1.67  30.45  24.51  343.1  0.086  1435.4
  30.0  -1.67  -1.67  30.45  24.51  343.0  0.104  1435.5
  35.0  -1.67  -1.67  30.45  24.51  342.8  0.121  1435.6
  40.0  -1.67  -1.67  30.45  24.51  342.7  0.138  1435.7
  45.0  -1.67  -1.67  30.45  24.51  342.6  0.155  1435.8
  50.0  -1.67  -1.67  30.45  24.51  342.5  0.173  1435.9
  55.0  -1.66  -1.66  30.46  24.52  342.1  0.190  1436.0
  60.0  -1.51  -1.51  30.83  24.81  313.9  0.207  1437.3
  65.0  -1.23  -1.24  31.19  25.10  286.3  0.222  1439.2
  70.0  -1.13  -1.13  31.60  25.43  255.3  0.235  1440.4
  80.0  -1.18  -1.18  31.94  25.71  228.6  0.260  1440.8
  90.0  -1.28  -1.28  32.20  25.92  208.9  0.282  1440.8
 100.0  -1.35  -1.35  32.35  26.04  196.7  0.302  1440.9
 110.0  -1.40  -1.40  32.49  26.15  186.2  0.321  1441.0
 120.0  -1.44  -1.44  32.60  26.24  177.6  0.340  1441.1
 130.0  -1.47  -1.47  32.70  26.33  169.4  0.357  1441.3
 140.0  -1.49  -1.50  32.81  26.41  161.1  0.374  1441.5
 150.0  -1.52  -1.52  32.91  26.50  153.3  0.390  1441.7
 160.0  -1.53  -1.53  33.00  26.58  145.8  0.405  1441.9
 170.0  -1.54  -1.54  33.10  26.66  138.0  0.419  1442.2
 180.0  -1.52  -1.53  33.20  26.73  130.6  0.433  1442.6
 190.0  -1.49  -1.49  33.33  26.84  120.9  0.446  1443.1
 200.0  -1.44  -1.44  33.46  26.94  111.2  0.457  1443.7
 210.0  -1.31  -1.32  33.67  27.15   95.2  0.469  1444.7
 220.0  -1.16  -1.16  33.86  27.25   81.5  0.477  1445.9
 230.0  -0.99  -1.00  34.04  27.40   67.8  0.484  1447.1
 240.0  -0.82  -0.83  34.20  27.51   57.0  0.490  1448.3
 250.0  -0.62  -0.63  34.34  27.62   47.0  0.496  1449.6
 260.0  -0.49  -0.50  34.42  27.68   41.2  0.500  1450.4
 270.0  -0.38  -0.39  34.49  27.73   36.8  0.504  1451.2
 280.0  -0.28  -0.29  34.54  27.77   33.5  0.508  1451.9
 290.0  -0.18  -0.19  34.58  27.80   30.5  0.511  1452.6
 300.0  -0.09  -0.10  34.62  27.83   28.2  0.514  1453.2
 310.0  -0.02  -0.04  34.65  27.85   26.1  0.517  1453.7
 320.0   0.03   0.02  34.68  27.87   24.5  0.519  1454.2
 330.0   0.09   0.07  34.70  27.88   23.1  0.521  1454.6
 340.0   0.14   0.13  34.72  27.90   21.8  0.524  1455.1
 350.0   0.18   0.17  34.74  27.91   20.7  0.526  1455.5
 370.0   0.25   0.23  34.77  27.92   19.2  0.530  1456.1
 390.0   0.30   0.28  34.79  27.94   18.0  0.534  1456.7
 410.0   0.34   0.32  34.81  27.95   16.7  0.537  1457.3
 430.0   0.36   0.35  34.82  27.96   16.2  0.541  1457.7
 450.0   0.39   0.37  34.83  27.96   15.7  0.544  1458.2
 470.0   0.41   0.39  34.84  27.97   15.1  0.547  1458.6
 490.0   0.42   0.40  34.84  27.98   14.7  0.550  1459.0
 510.0   0.43   0.41  34.85  27.98   14.4  0.553  1459.4
 530.0   0.43   0.40  34.85  27.98   14.3  0.556  1459.7
 550.0   0.42   0.40  34.85  27.99   13.9  0.559  1460.0
 570.0   0.40   0.38  34.86  27.99   13.4  0.561  1460.3
 590.0   0.39   0.36  34.86  27.99   13.1  0.564  1460.5
 610.0   0.36   0.34  34.86  28.00   12.8  0.567  1460.8
 630.0   0.34   0.32  34.87  28.00   12.5  0.569  1461.0
 650.0   0.31   0.28  34.87  28.00   12.3  0.572  1461.2
 670.0   0.28   0.25  34.87  28.00   11.9  0.574  1461.4
 690.0   0.26   0.23  34.87  28.01   11.7  0.576  1461.6
 710.0   0.23   0.20  34.87  28.01   11.3  0.579  1461.8

                       DEPTH      TEMP.      SALIN

     BUT NUM = 1         4.4      -1.66      30.46
     BUT NUM = 2        50.0                 30.43
     BUT NUM = 3       250.1      -0.63      34.30
     BUT NUM = 4       500.0       0.46      34.85
     BOT NUM = 5       728.6       0.23      34.89
```

```
BIG BEAR STATION 189(1) STD  22/MAY/1975 1700 GMT  CODE = 2
LAT = 76.2362N LNG = 145.5030W LTER =     1, LGER =     2.
AIR TEMP = -11.3 BAROM = 1017.8 WIND = 190.5 SPEED =  37.0

DEPTH   TEMP   PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.61  -1.61  30.45  24.51  343.3  0.000  1435.3
   4.2  -1.61  -1.61  30.45  24.51  343.3  0.015  1435.4
   5.0  -1.61  -1.61  30.45  24.51  343.3  0.017  1435.4
  10.0  -1.60  -1.60  30.45  24.51  343.2  0.035  1435.5
  15.0  -1.60  -1.60  30.45  24.51  343.2  0.052  1435.6
  20.0  -1.60  -1.60  30.45  24.51  343.1  0.069  1435.7
  25.0  -1.60  -1.60  30.45  24.51  343.1  0.086  1435.8
  30.0  -1.60  -1.60  30.45  24.51  343.0  0.104  1435.9
  35.0  -1.60  -1.60  30.45  24.51  343.0  0.121  1435.9
  40.0  -1.60  -1.60  30.45  24.51  343.0  0.138  1436.0
  45.0  -1.60  -1.60  30.45  24.51  342.4  0.155  1436.1
  50.0  -1.59  -1.59  30.46  24.52  342.2  0.173  1436.3
  55.0  -1.59  -1.59  30.46  24.52  341.9  0.190  1436.4
  60.0  -1.59  -1.59  30.48  24.53  340.5  0.207  1436.5
  65.0  -1.17  -1.17  31.15  25.07  289.8  0.223  1439.4
  70.0  -1.07  -1.07  31.55  25.39  258.9  0.237  1440.6
  80.0  -1.10  -1.10  31.95  25.71  228.7  0.261  1441.1
  90.0  -1.20  -1.21  32.20  25.91  209.1  0.284  1441.2
 100.0  -1.28  -1.29  32.36  26.04  196.6  0.304  1441.2
 110.0  -1.33  -1.33  32.49  26.15  186.3  0.323  1441.3
 120.0  -1.37  -1.37  32.59  26.24  178.3  0.342  1441.4
 130.0  -1.40  -1.40  32.70  26.33  169.5  0.359  1441.6
 140.0  -1.42  -1.43  32.80  26.41  161.6  0.376  1441.8
 150.0  -1.44  -1.45  32.91  26.50  153.2  0.392  1442.0
 160.0  -1.46  -1.46  33.02  26.58  145.1  0.407  1442.3
 170.0  -1.47  -1.47  33.11  26.66  137.7  0.421  1442.5
 180.0  -1.45  -1.45  33.22  26.75  129.4  0.435  1443.0
 190.0  -1.41  -1.41  33.37  26.87  117.7  0.447  1443.5
 200.0  -1.33  -1.34  33.53  27.00  105.7  0.458  1444.3
 210.0  -1.21  -1.21  33.73  27.15   91.3  0.468  1445.3
 220.0  -1.04  -1.05  33.93  27.31   76.6  0.477  1446.5
 230.0  -0.88  -0.88  34.08  27.43   65.2  0.484  1447.7
 240.0  -0.70  -0.70  34.24  27.54   54.5  0.490  1448.9
 250.0  -0.52  -0.53  34.37  27.65   44.9  0.495  1450.0
 260.0  -0.38  -0.39  34.45  27.70   39.6  0.499  1451.0
 270.0  -0.26  -0.27  34.52  27.75   35.3  0.503  1451.8
 280.0  -0.15  -0.16  34.56  27.78   32.3  0.506  1452.6
 290.0  -0.06  -0.07  34.61  27.81   29.5  0.510  1453.2
 300.0   0.02   0.01  34.64  27.84   27.0  0.512  1453.7
 310.0   0.08   0.07  34.67  27.86   25.4  0.515  1454.2
 320.0   0.14   0.13  34.70  27.87   23.8  0.518  1454.7
 330.0   0.19   0.18  34.72  27.89   22.4  0.520  1455.1
 340.0   0.24   0.22  34.74  27.90   21.3  0.522  1455.5
 350.0   0.27   0.26  34.75  27.91   20.3  0.524  1455.9
 370.0   0.33   0.31  34.78  27.93   18.9  0.528  1456.5
 390.0   0.38   0.36  34.80  27.94   17.9  0.532  1457.1
 410.0   0.41   0.39  34.81  27.95   17.0  0.535  1457.6
 430.0   0.43   0.42  34.82  27.96   16.3  0.539  1458.0
 450.0   0.46   0.44  34.83  27.96   15.7  0.542  1458.5
 470.0   0.48   0.45  34.84  27.97   15.3  0.545  1458.9
 490.0   0.49   0.46  34.84  27.97   15.0  0.548  1459.3
 510.0   0.48   0.46  34.85  27.98   14.7  0.551  1459.6
 530.0   0.47   0.45  34.85  27.98   14.2  0.554  1459.9
 550.0   0.46   0.43  34.86  27.98   14.0  0.557  1460.2
 570.0   0.43   0.41  34.86  27.99   13.5  0.560  1460.4
 590.0   0.42   0.39  34.86  27.99   13.2  0.562  1460.7
 610.0   0.40   0.37  34.86  27.99   13.0  0.565  1460.9
 630.0   0.38   0.35  34.87  28.00   12.7  0.568  1461.2
 650.0   0.35   0.32  34.87  28.00   12.3  0.570  1461.4
 670.0   0.32   0.29  34.87  28.00   12.0  0.573  1461.6
 690.0   0.29   0.26  34.87  28.01   11.7  0.575  1461.8
 710.0   0.27   0.24  34.87  28.01   11.6  0.577  1462.0

                       DEPTH      TEMP.      SALIN

     BUT NUM = 1         4.2      -1.65      30.46
     BUT NUM = 2        40.3                 30.44
     BUT NUM = 3       250.2      -0.66      34.78
     BUT NUM = 4       496.8       0.47
     BOT NUM = 5       728.8       0.23      34.89
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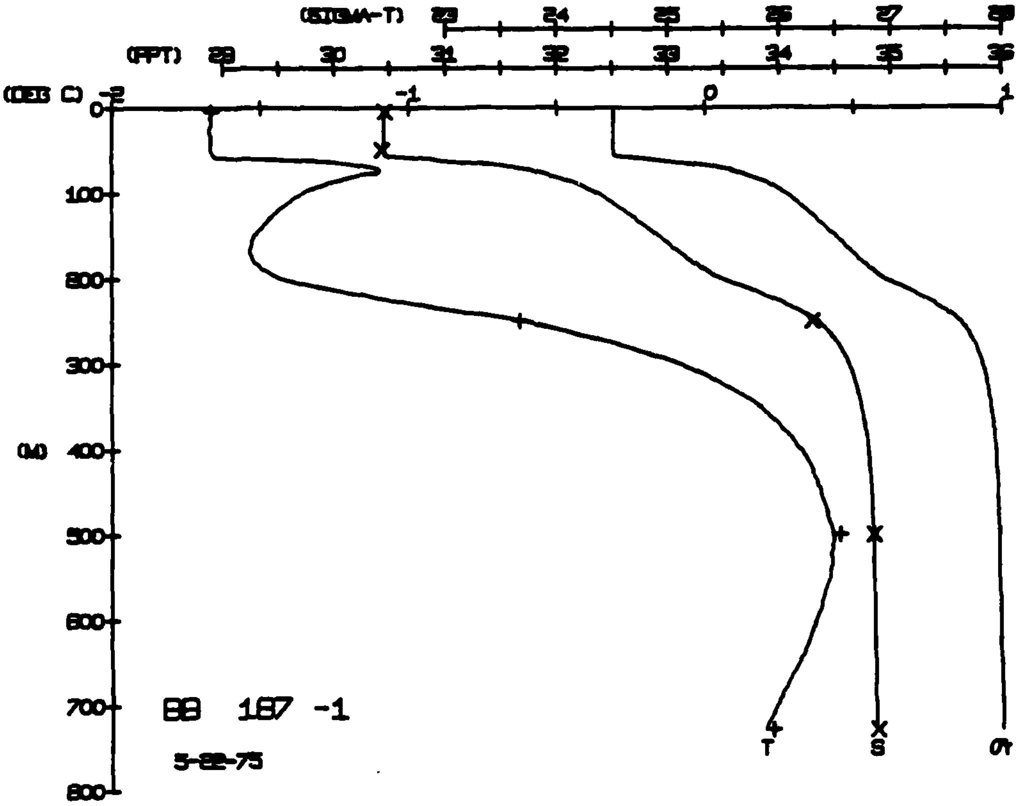
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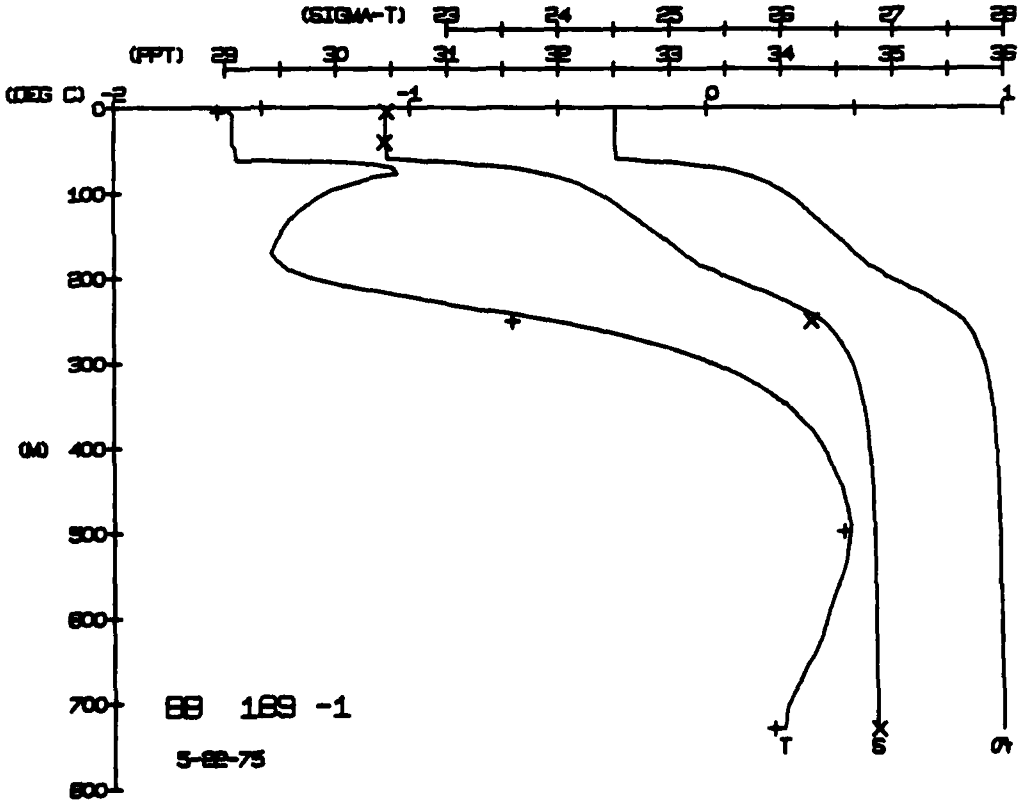
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(DEG C) -2 -1 0 1
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BB 189 -1
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T
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BIG BEAR STATION 191(1) STD  23/MAY/1975  500 GMT  CODE = 2
LAT = 76.2416N LNG = 145.4129W LTER =      1, LGER =      2,
AIR TEMP = -11.3 BARON = 1016.5 WIND = 190.5 SPEED =  37.0

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.67   -1.67   30.44   24.50   344.0   0.000   1435.0
   5.0   -1.67   -1.67   30.44   24.50   343.9   0.017   1435.1
  10.0   -1.67   -1.67   30.44   24.50   343.9   0.035   1435.2
  13.6   -1.67   -1.67   30.44   24.50   343.8   0.047   1435.3
  15.0   -1.67   -1.67   30.44   24.50   343.8   0.052   1435.3
  20.0   -1.67   -1.67   30.44   24.50   343.7   0.069   1435.4
  25.0   -1.67   -1.67   30.44   24.50   343.7   0.087   1435.5
  30.0   -1.67   -1.67   30.44   24.50   343.6   0.104   1435.5
  35.0   -1.67   -1.67   30.44   24.50   343.5   0.121   1435.6
  40.0   -1.67   -1.67   30.44   24.50   343.4   0.138   1435.7
  45.0   -1.67   -1.67   30.44   24.51   343.3   0.156   1435.8
  50.0   -1.67   -1.67   30.44   24.51   343.1   0.173   1435.9
  55.0   -1.66   -1.66   30.45   24.51   342.7   0.190   1436.0
  60.0   -1.47   -1.47   30.77   24.77   318.4   0.207   1437.4
  65.0   -1.22   -1.22   31.31   25.20   277.5   0.222   1439.5
  70.0   -1.14   -1.14   31.55   25.39   258.6   0.235   1440.3
  80.0   -1.16   -1.16   31.93   25.71   228.3   0.260   1440.9
  90.0   -1.28   -1.28   32.17   25.90   210.6   0.282   1440.8
 100.0   -1.35   -1.35   32.33   26.03   198.2   0.303   1440.9
 110.0   -1.40   -1.40   32.47   26.14   187.1   0.322   1441.0
 120.0   -1.44   -1.44   32.59   26.24   178.2   0.341   1441.1
 130.0   -1.48   -1.48   32.70   26.32   169.7   0.358   1441.2
 140.0   -1.50   -1.51   32.80   26.41   161.9   0.375   1441.4
 150.0   -1.52   -1.52   32.90   26.49   154.2   0.391   1441.7
 160.0   -1.53   -1.54   32.99   26.57   146.5   0.406   1441.9
 170.0   -1.53   -1.54   33.09   26.65   138.9   0.420   1442.2
 180.0   -1.51   -1.52   33.20   26.74   131.0   0.434   1442.6
 190.0   -1.48   -1.48   33.34   26.85   119.8   0.447   1443.1
 200.0   -1.41   -1.41   33.50   26.97   108.0   0.458   1443.7
 210.0   -1.30   -1.30   33.67   27.11    95.2   0.468   1444.8
 220.0   -1.12   -1.12   33.89   27.28    79.2   0.477   1446.1
 230.0   -0.93   -0.94   34.08   27.43    65.3   0.485   1447.4
 240.0   -0.76   -0.77   34.21   27.53    56.0   0.491   1448.5
 250.0   -0.59   -0.60   34.33   27.62    47.5   0.496   1449.7
 260.0   -0.46   -0.46   34.41   27.68    42.0   0.500   1450.6
 270.0   -0.33   -0.34   34.49   27.73    36.8   0.504   1451.4
 280.0   -0.22   -0.23   34.54   27.77    33.4   0.508   1452.2
 290.0   -0.13   -0.14   34.59   27.80    30.5   0.511   1452.8
 300.0   -0.06   -0.07   34.62   27.83    28.2   0.514   1453.4
 310.0    0.01    0.00   34.65   27.85    26.4   0.517   1453.9
 320.0    0.07    0.06   34.68   27.87    24.5   0.519   1454.4
 330.0    0.12    0.11   34.70   27.88    23.1   0.522   1454.8
 340.0    0.17    0.15   34.72   27.90    21.9   0.524   1455.2
 350.0    0.21    0.19   34.74   27.91    20.9   0.526   1455.6
 370.0    0.26    0.25   34.77   27.92    19.4   0.530   1456.2
 390.0    0.31    0.30   34.79   27.94    18.1   0.534   1456.8
 410.0    0.35    0.33   34.80   27.95    17.4   0.538   1457.3
 430.0    0.38    0.36   34.81   27.95    16.7   0.541   1457.8
 450.0    0.40    0.38   34.82   27.96    16.3   0.545   1458.2
 470.0    0.43    0.41   34.83   27.97    15.6   0.548   1458.7
 490.0    0.44    0.41   34.84   27.97    15.3   0.551   1459.1
 510.0    0.43    0.41   34.84   27.97    15.0   0.554   1459.4
 530.0    0.42    0.40   34.84   27.98    14.6   0.557   1459.7
 550.0    0.41    0.38   34.85   27.98    14.4   0.560   1459.9
 570.0    0.38    0.36   34.85   27.98    14.0   0.563   1460.2
 590.0    0.36    0.34   34.85   27.99    13.6   0.566   1460.4
 610.0    0.34    0.32   34.86   27.99    13.2   0.568   1460.7
 630.0    0.33    0.30   34.86   27.99    13.0   0.571   1461.0
 650.0    0.31    0.28   34.86   28.00    12.7   0.573   1461.2
 670.0    0.29    0.26   34.86   28.00    12.3   0.576   1461.4
 690.0    0.26    0.23   34.87   28.00    11.9   0.578   1461.7
 710.0    0.25    0.21   34.87   28.01    11.5   0.581   1461.9
 720.0    0.22    0.19   34.87   28.01    11.2   0.583   1462.1

                          DEPTH       TEMP.       SALIN

       BOT NUM = 1          4.6                   30.47
       BOT NUM = 2         50.7                   30.44
       BOT NUM = 3        250.0       -0.64       34.30
       BOT NUM = 4        500.6        0.47       34.86
       BOT NUM = 5        720.0        0.22       34.88
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BIG BEAR STATION 193(1) STD  23/MAY/1975 1700 GMT  CODE = 2
LAT = 76.2426N LNG = 145.3632W LTER =      1, LGER =      2,
AIR TEMP = -11.2 BARON = 1020.4 WIND = 219.8 SPEED =  14.1

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.65   -1.65   30.45   24.51   343.3   0.000   1435.2
   4.8   -1.65   -1.65   30.45   24.51   343.3   0.017   1435.2
   5.0   -1.65   -1.65   30.45   24.51   343.3   0.017   1435.2
  10.0   -1.65   -1.65   30.45   24.51   343.2   0.035   1435.3
  15.0   -1.65   -1.65   30.45   24.51   343.1   0.052   1435.4
  20.0   -1.64   -1.65   30.45   24.51   343.0   0.069   1435.5
  25.0   -1.64   -1.65   30.45   24.51   343.0   0.086   1435.6
  30.0   -1.64   -1.65   30.45   24.51   342.9   0.104   1435.7
  35.0   -1.64   -1.65   30.45   24.51   342.8   0.121   1435.7
  40.0   -1.64   -1.65   30.45   24.51   342.8   0.138   1435.8
  45.0   -1.64   -1.65   30.45   24.51   342.7   0.155   1435.9
  50.0   -1.64   -1.65   30.45   24.51   342.6   0.173   1436.0
  55.0   -1.64   -1.65   30.45   24.51   342.5   0.190   1436.1
  60.0   -1.64   -1.64   30.46   24.52   341.8   0.207   1436.2
  65.0   -1.24   -1.24   31.14   25.06   290.2   0.223   1439.1
  70.0   -1.14   -1.14   31.53   25.37   260.5   0.237   1440.2
  80.0   -1.13   -1.13   31.92   25.69   230.4   0.262   1441.0
  90.0   -1.25   -1.25   32.17   25.89   211.4   0.284   1440.9
 100.0   -1.32   -1.32   32.33   26.02   198.8   0.305   1441.0
 110.0   -1.37   -1.37   32.45   26.13   188.8   0.324   1441.1
 120.0   -1.40   -1.40   32.57   26.22   180.1   0.343   1441.3
 130.0   -1.44   -1.44   32.68   26.31   171.4   0.361   1441.4
 140.0   -1.47   -1.47   32.78   26.39   163.4   0.377   1441.6
 150.0   -1.48   -1.48   32.88   26.48   155.3   0.394   1441.8
 160.0   -1.49   -1.50   32.98   26.56   147.5   0.409   1442.1
 170.0   -1.50   -1.50   33.08   26.63   140.1   0.423   1442.4
 180.0   -1.49   -1.49   33.18   26.72   132.4   0.437   1442.7
 190.0   -1.46   -1.46   33.34   26.84   120.3   0.450   1443.2
 200.0   -1.40   -1.41   33.49   26.96   109.0   0.461   1443.9
 210.0   -1.29   -1.30   33.67   27.11    95.4   0.472   1444.8
 220.0   -1.14   -1.14   33.87   27.26    80.6   0.481   1446.0
 230.0   -0.95   -0.96   34.06   27.41    66.9   0.488   1447.3
 240.0   -0.81   -0.82   34.19   27.51    57.7   0.494   1448.3
 250.0   -0.65   -0.66   34.30   27.59    49.8   0.500   1449.4
 260.0   -0.52   -0.52   34.40   27.67    42.7   0.504   1450.3
 270.0   -0.37   -0.38   34.47   27.72    37.8   0.509   1451.2
 280.0   -0.25   -0.26   34.53   27.76    34.0   0.512   1452.0
 290.0   -0.16   -0.17   34.58   27.79    31.1   0.515   1452.7
 300.0   -0.06   -0.08   34.62   27.82    28.5   0.518   1453.3
 310.0    0.00   -0.01   34.65   27.84    26.5   0.521   1453.9
 320.0    0.06    0.05   34.68   27.86    24.7   0.524   1454.3
 330.0    0.11    0.09   34.70   27.88    23.3   0.526   1454.7
 340.0    0.16    0.14   34.72   27.89    22.1   0.529   1455.1
 350.0    0.20    0.19   34.74   27.90    21.1   0.531   1455.5
 370.0    0.27    0.26   34.77   27.92    19.4   0.535   1456.2
 390.0    0.33    0.31   34.79   27.94    17.9   0.539   1456.8
 410.0    0.36    0.35   34.80   27.95    17.0   0.542   1457.4
 430.0    0.39    0.37   34.81   27.96    16.5   0.545   1457.8
 450.0    0.41    0.39   34.83   27.96    15.8   0.549   1458.3
 470.0    0.43    0.41   34.83   27.97    15.4   0.552   1458.7
 490.0    0.45    0.42   34.84   27.97    15.0   0.555   1459.1
 510.0    0.45    0.42   34.85   27.98    14.6   0.558   1459.5
 530.0    0.44    0.42   34.85   27.98    14.3   0.561   1459.8
 550.0    0.44    0.41   34.85   27.98    14.1   0.564   1460.1
 570.0    0.42    0.39   34.85   27.99    13.8   0.567   1460.3
 590.0    0.40    0.37   34.86   27.99    13.3   0.569   1460.6
 610.0    0.38    0.35   34.86   28.00    12.9   0.572   1460.8
 630.0    0.35    0.33   34.86   28.00    12.7   0.575   1461.1
 650.0    0.33    0.30   34.87   28.00    12.4   0.577   1461.3
 670.0    0.30    0.27   34.87   28.00    12.0   0.580   1461.5
 690.0    0.27    0.24   34.87   28.01    11.8   0.582   1461.7
 710.0    0.25    0.21   34.87   28.01    11.4   0.584   1461.9
 720.0    0.22    0.19   34.87   28.01    11.3   0.586   1462.1

                          DEPTH       TEMP.       SALIN

       BOT NUM = 1          4.8                   30.45
       BOT NUM = 2         45.3                   30.44
       BOT NUM = 3        250.8       -0.67       34.30
       BOT NUM = 4        496.9        0.46       34.86
       BOT NUM = 5        720.8        0.23       34.88
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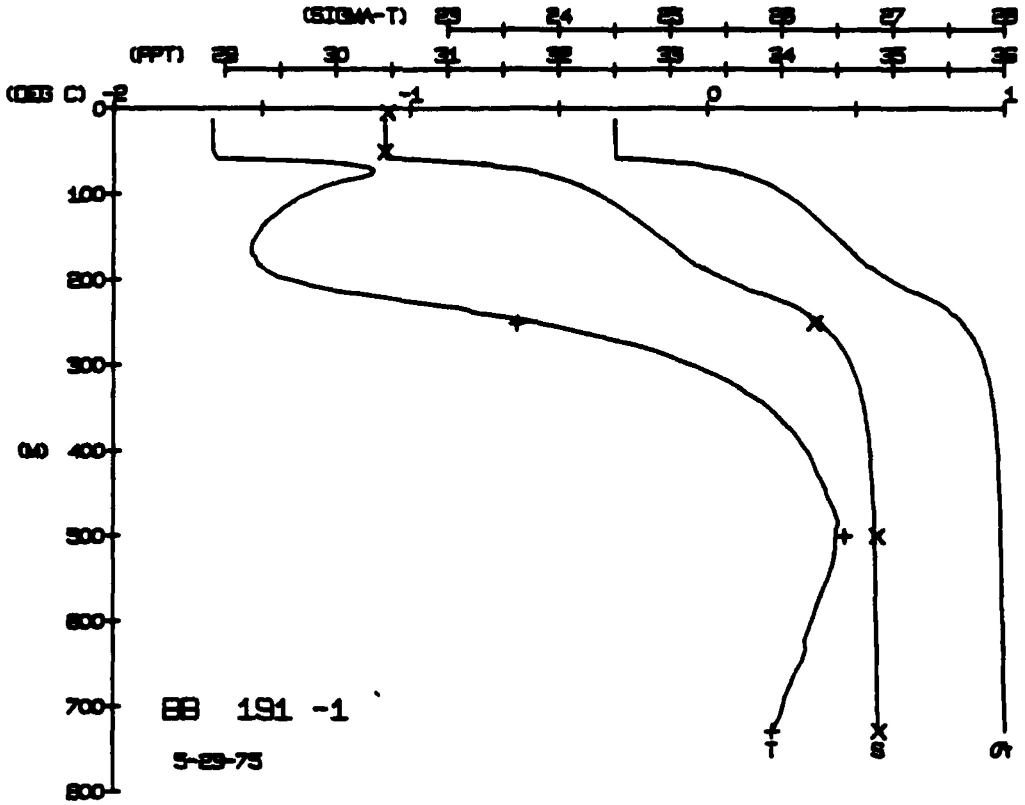
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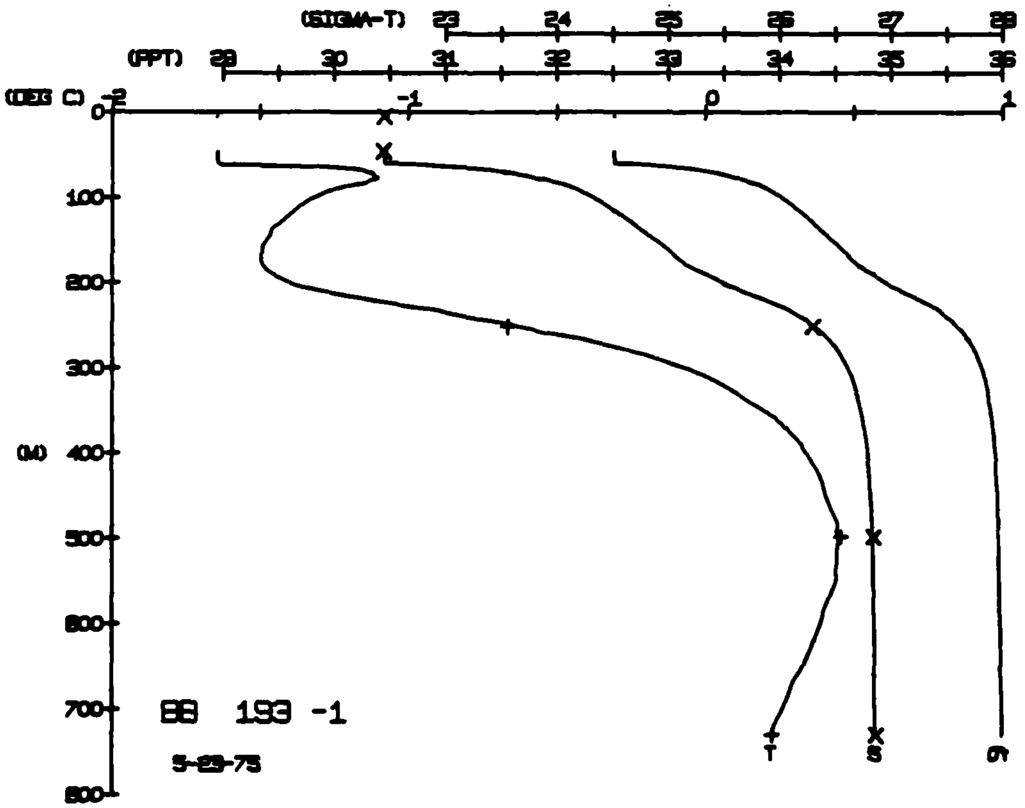
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 191 -1
5-29-75
T
S
σT


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 193 -1
5-29-75
T
S
σT

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BIG BEAR STATION 195(1) STD  24/MAY/1975  500 GMT  CODE = 2
LAT = 76.2329N LNG = 145.3089W LTER =      1 LCER =     1
AIR TEMP = -11.2 BAROM = 1024.7 WIND = 219.8 SPEED =  14.1

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVUL  DYNHT  SOUND

   0.0   -1.63  -1.63  30.45  24.51  343.3  0.000  1435.2
   4.7   -1.63  -1.63  30.45  24.51  343.3  0.016  1435.3
   5.0   -1.63  -1.63  30.45  24.51  343.3  0.017  1435.3
  10.0   -1.63  -1.63  30.45  24.51  343.2  0.035  1435.4
  15.0   -1.63  -1.63  30.45  24.51  343.0  0.052  1435.5
  20.0   -1.63  -1.63  30.45  24.51  342.9  0.069  1435.5
  25.0   -1.63  -1.63  30.45  24.51  342.8  0.086  1435.6
  30.0   -1.63  -1.63  30.45  24.51  342.7  0.104  1435.7
  35.0   -1.63  -1.64  30.45  24.51  342.5  0.121  1435.8
  40.0   -1.63  -1.64  30.45  24.51  342.6  0.138  1435.9
  45.0   -1.63  -1.64  30.45  24.51  342.6  0.155  1435.9
  50.0   -1.63  -1.64  30.45  24.51  342.3  0.173  1436.0
  55.0   -1.62  -1.62  30.48  24.53  342.0  0.190  1436.2
  60.0   -1.56  -1.56  30.49  24.54  340.0  0.207  1436.6
  65.0   -1.22  -1.22  31.08  25.01  295.2  0.223  1439.1
  70.0   -1.09  -1.09  31.51  25.36  262.2  0.237  1440.4
  80.0   -1.15  -1.15  31.90  25.67  232.1  0.262  1440.8
  90.0   -1.26  -1.26  32.16  25.89  212.0  0.284  1440.9
 100.0   -1.31  -1.31  32.32  26.01  199.5  0.305  1441.0
 110.0   -1.37  -1.37  32.45  26.12  189.0  0.325  1441.1
 120.0   -1.41  -1.41  32.59  26.23  178.5  0.343  1441.2
 130.0   -1.44  -1.44  32.69  26.32  170.1  0.361  1441.4
 140.0   -1.46  -1.46  32.79  26.40  162.9  0.378  1441.6
 150.0   -1.48  -1.49  32.89  26.48  154.7  0.394  1441.9
 160.0   -1.50  -1.50  32.98  26.55  148.0  0.409  1442.1
 170.0   -1.50  -1.50  33.06  26.62  141.4  0.424  1442.3
 180.0   -1.48  -1.49  33.16  26.70  133.9  0.437  1442.7
 190.0   -1.46  -1.47  33.29  26.80  124.1  0.450  1443.0
 200.0   -1.40  -1.40  33.41  26.92  112.7  0.462  1443.8
 210.0   -1.30  -1.30  33.58  27.04  102.0  0.473  1444.7
 220.0   -1.15  -1.15  33.78  27.19   87.1  0.483  1445.9
 230.0   -0.90  -0.90  33.99  27.35   72.2  0.491  1447.1
 240.0   -0.78  -0.79  34.17  27.49   59.9  0.497  1448.4
 250.0   -0.62  -0.63  34.30  27.59   50.3  0.503  1449.5
 260.0   -0.47  -0.48  34.39  27.66   43.2  0.508  1450.5
 270.0   -0.35  -0.36  34.47  27.72   38.2  0.512  1451.3
 280.0   -0.25  -0.26  34.53  27.76   34.2  0.515  1452.0
 290.0   -0.15  -0.16  34.57  27.79   31.5  0.519  1452.7
 300.0   -0.06  -0.07  34.62  27.82   28.7  0.522  1453.4
 310.0    0.01   0.00  34.65  27.85   26.4  0.525  1453.9
 320.0    0.06   0.05  34.68  27.86   24.9  0.527  1454.3
 330.0    0.12   0.11  34.70  27.88   23.3  0.530  1454.8
 340.0    0.16   0.15  34.72  27.89   22.1  0.532  1455.2
 350.0    0.20   0.19  34.74  27.90   21.1  0.534  1455.6
 370.0    0.27   0.26  34.77  27.93   19.1  0.538  1456.3
 390.0    0.32   0.31  34.79  27.94   17.7  0.542  1456.9
 410.0    0.37   0.35  34.80  27.95   17.1  0.545  1457.4
 430.0    0.39   0.37  34.82  27.96   16.3  0.549  1457.9
 450.0    0.42   0.40  34.83  27.96   15.9  0.552  1458.3
 470.0    0.44   0.42  34.83  27.97   15.3  0.555  1458.7
 490.0    0.45   0.43  34.84  27.97   14.9  0.558  1459.1
 510.0    0.45   0.43  34.85  27.98   14.4  0.561  1459.5
 530.0    0.45   0.42  34.85  27.98   14.2  0.564  1459.8
 550.0    0.44   0.41  34.85  27.99   14.0  0.567  1460.1
 570.0    0.41   0.39  34.86  27.99   13.5  0.570  1460.3
 590.0    0.39   0.37  34.86  27.99   13.2  0.572  1460.6
 610.0    0.38   0.35  34.86  27.99   13.0  0.575  1460.8
 630.0    0.36   0.33  34.87  28.00   12.5  0.578  1461.1
 650.0    0.33   0.30  34.87  28.00   12.2  0.580  1461.3
 670.0    0.30   0.27  34.87  28.00   12.0  0.583  1461.5
 690.0    0.27   0.24  34.87  28.01   11.5  0.585  1461.7
 710.0    0.25   0.22  34.87  28.01   11.3  0.587  1461.9
 720.0    0.23   0.19  34.87  28.01   11.1  0.589  1462.1

                    DEPTH      TEMP.      SALIN

    BUT NUM = 1       4.1      -1.66      30.45
    BUT NUM = 2      45.0                 30.44
    BUT NUM = 3     249.7      -0.67      34.29
    BUT NUM = 4     495.7       0.46      34.86
    BUT NUM = 5     720.6       0.24      34.88
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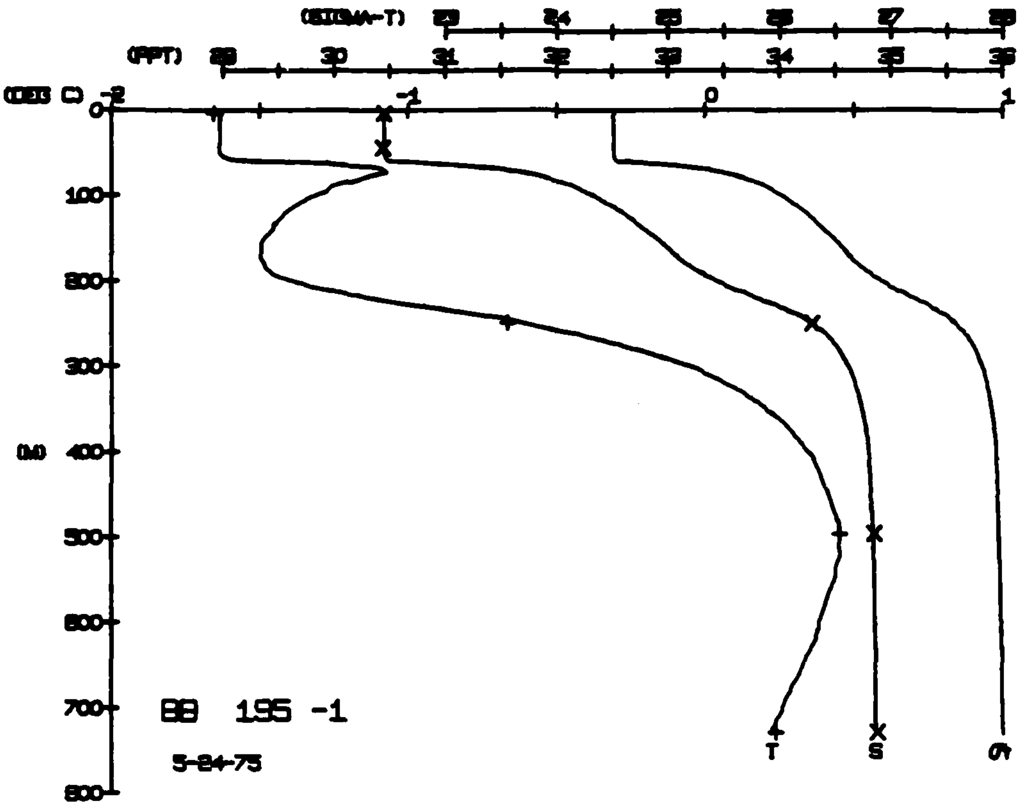
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 195 -1
5-24-75
T
S
σt

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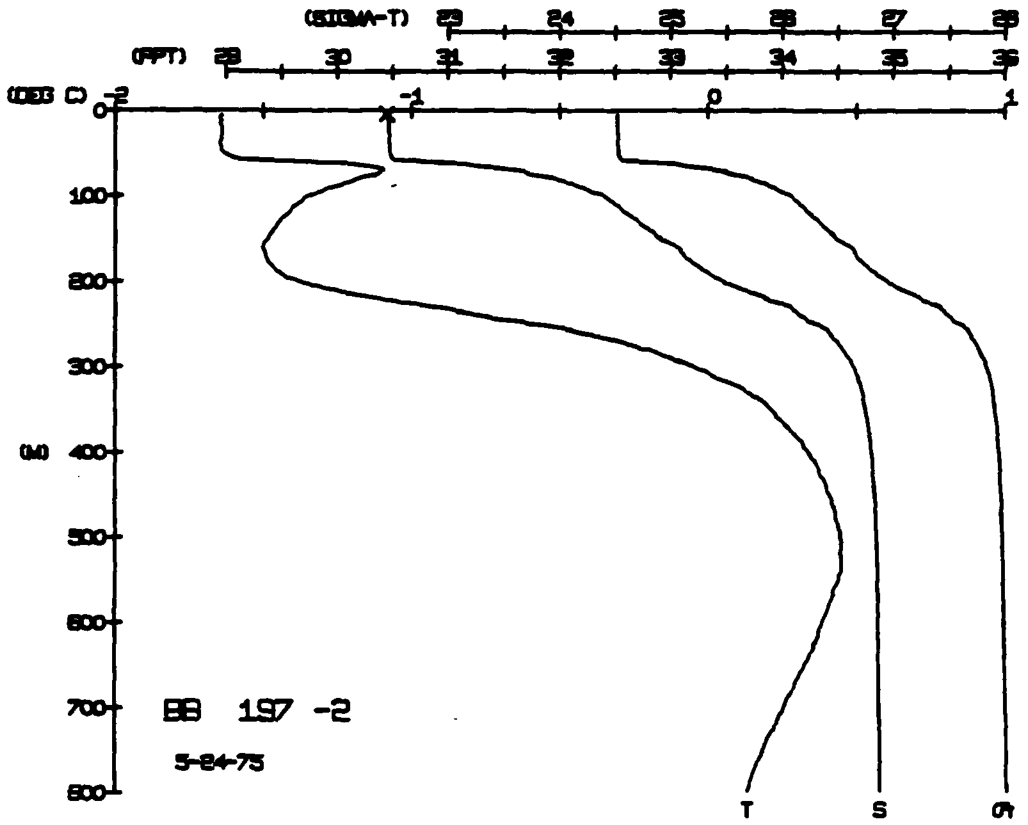
                                        BIG BEAR STATION 197(2) STD  24/MAY/1975 1711 GMT  CODE = 2
                                         LAT = 76.2260N LNG = 145.2807W LTF  =      0, LGER =      0,
                                         AIR TEMP = -11.2 BAROM = 1020.6 WIND = 249.5 SPEED =  18.6

  DEPTH   TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND          DEPTH   TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

    0.0  -1.64   -1.64   30.46   24.52   342.5   0.000  1435.2          850.0   0.07    0.03   34.89   28.03     9.0   0.589  1463.5
    5.0  -1.64   -1.64   30.46   24.52   342.5   0.017  1435.3          900.0   0.02   -0.02   34.89   28.04     8.4   0.594  1464.1
    5.0  -1.64   -1.64   30.46   24.52   342.5   0.029  1435.3          950.0  -0.04   -0.08   34.89   28.04     7.7   0.598  1464.7
   10.0  -1.64   -1.64   30.46   24.52   342.4   0.034  1435.3         1000.0  -0.08   -0.12   34.90   28.05     7.2   0.602  1465.3
   15.0  -1.65   -1.65   30.46   24.52   342.3   0.052  1435.4         1050.0  -0.11   -0.16   34.90   28.05     6.7   0.605  1466.0
   20.0  -1.64   -1.64   30.46   24.52   342.3   0.069  1435.5         1100.0  -0.15   -0.20   34.90   28.05     6.2   0.608  1466.7
   25.0  -1.64   -1.64   30.46   24.52   342.1   0.086  1435.9         1150.0  -0.18   -0.23   34.90   28.06     5.7   0.611  1467.4
   30.0  -1.64   -1.64   30.47   24.52   341.8   0.103  1435.7         1200.0  -0.21   -0.27   34.91   28.06     5.2   0.614  1468.1
   35.0  -1.64   -1.64   30.47   24.52   341.6   0.121  1435.8         1250.0  -0.24   -0.30   34.91   28.07     4.7   0.617  1468.8
   40.0  -1.64   -1.64   30.47   24.53   341.5   0.138  1435.8         1300.0  -0.26   -0.32   34.91   28.07     4.3   0.619  1469.5
   45.0  -1.64   -1.64   30.47   24.53   341.3   0.155  1435.9         1350.0  -0.29   -0.35   34.92   28.07     3.9   0.621  1470.3
   50.0  -1.63   -1.63   30.47   24.53   340.8   0.172  1436.1         1400.0  -0.30   -0.37   34.92   28.08     3.6   0.623  1471.0
   55.0  -1.60   -1.60   30.49   24.54   339.1   0.189  1437.1         1450.0  -0.33   -0.40   34.92   28.08     2.8   0.624  1471.8
   60.0  -1.38   -1.38   30.76   24.76   319.1   0.206  1437.9         1500.0  -0.36   -0.43   34.93   28.09     2.2   0.626  1472.5
   65.0  -1.15   -1.15   31.25   25.15   282.1   0.221  1439.7         1550.0  -0.37   -0.45   34.93   28.09     1.8   0.627  1473.3
   70.0  -1.10   -1.10   31.69   25.53   255.6   0.235  1440.5         1600.0  -0.38   -0.46   34.93   28.09     1.5   0.628  1474.1
   80.0  -1.18   -1.18   31.97   25.73   226.9   0.257  1440.8         1650.0  -0.39   -0.47   34.93   28.09     1.3   0.628  1474.9
   90.0  -1.27   -1.27   32.19   25.91   209.3   0.281  1440.9         1700.0  -0.40   -0.48   34.94   28.09     1.1   0.629  1475.7
  100.0  -1.34   -1.35   32.39   26.08   193.7   0.301  1441.0         1750.0  -0.41   -0.49   34.94   28.09     1.0   0.629  1476.5
  110.0  -1.39   -1.39   32.50   26.19   185.1   0.320  1441.3         1800.0  -0.41   -0.50   34.94   28.10     0.7   0.630  1477.3
  120.0  -1.42   -1.42   32.59   26.23   177.0   0.339  1441.4         1850.0  -0.41   -0.50   34.94   28.10     0.7   0.630  1478.2
  130.0  -1.45   -1.45   32.71   26.33   168.8   0.356  1441.6         1900.0  -0.42   -0.51   34.94   28.10     0.4   0.630  1479.0
  140.0  -1.47   -1.47   32.81   26.42   159.9   0.373  1441.6         1950.0  -0.42   -0.51   34.94   28.10     0.3   0.631  1479.9
  150.0  -1.49   -1.49   32.90   26.49   153.9   0.389  1441.9         2000.0  -0.42   -0.52   34.94   28.10     0.2   0.631  1480.7
  160.0  -1.50   -1.51   33.06   26.62   141.9   0.404  1442.1         2050.0  -0.42   -0.52   34.94   28.10     0.0   0.631  1481.6
  170.0  -1.49   -1.50   33.12   26.67   137.0   0.418  1442.4         2100.0  -0.42   -0.53   34.94   28.10     0.0   0.631  1482.4
  180.0  -1.48   -1.48   33.23   26.75   129.6   0.431  1442.9         2150.0  -0.42   -0.53   34.94   28.10     0.0   0.631  1483.3
  190.0  -1.44   -1.45   33.33   26.84   120.7   0.444  1443.3         2200.0  -0.41   -0.53   34.94   28.10    -0.2   0.631  1484.1
  200.0  -1.38   -1.39   33.47   26.95   110.2   0.455  1444.0         2250.0  -0.41   -0.53   34.94   28.10    -0.1   0.631  1485.0
  210.0  -1.27   -1.27   33.65   27.09    96.8   0.466  1444.9         2300.0  -0.41   -0.53   34.94   28.10    -0.3   0.631  1485.9
  220.0  -1.12   -1.13   33.85   27.24    82.5   0.475  1446.0         2350.0  -0.40   -0.53   34.95   28.10    -0.4   0.630  1486.7
  230.0  -0.94   -0.94   34.07   27.32    65.7   0.482  1447.1         2400.0  -0.40   -0.53   34.95   28.10    -0.4   0.630  1487.6
  240.0  -0.79   -0.80   34.17   27.49    59.4   0.489  1448.9         2450.0  -0.39   -0.53   34.95   28.10    -0.4   0.630  1488.5
  250.0  -0.59   -0.60   34.32   27.60    49.0   0.494  1449.7         2500.0  -0.39   -0.53   34.95   28.10    -0.5   0.630  1489.4
  260.0  -0.44   -0.45   34.43   27.67    41.1   0.499  1450.7         2550.0  -0.39   -0.53   34.95   28.10    -0.6   0.630  1490.3
  270.0  -0.30   -0.31   34.50   27.74    36.5   0.503  1451.6         2600.0  -0.38   -0.53   34.95   28.10    -0.7   0.629  1491.1
  280.0  -0.20   -0.21   34.55   27.77    33.2   0.506  1452.3         2650.0  -0.38   -0.53   34.95   28.11    -0.7   0.629  1492.0
  290.0  -0.13   -0.14   34.60   27.81    29.7   0.509  1452.9         2700.0  -0.37   -0.53   34.95   28.11    -0.8   0.628  1492.9
  300.0  -0.05   -0.06   34.64   27.84    26.7   0.512  1453.4         2750.0  -0.36   -0.52   34.95   28.11    -0.7   0.628  1493.8
  310.0   0.01    0.00   34.68   27.86    24.7   0.515  1453.9         2800.0  -0.36   -0.52   34.95   28.11    -0.8   0.628  1494.7
  320.0   0.08    0.07   34.70   27.88    23.0   0.517  1454.5         2850.0  -0.35   -0.52   34.95   28.11    -0.8   0.627  1495.5
  330.0   0.13    0.12   34.72   27.89    21.9   0.519  1454.9         2900.0  -0.35   -0.52   34.95   28.11    -1.0   0.627  1496.4
  340.0   0.19    0.17   34.73   27.90    21.2   0.522  1455.3         2936.1  -0.36   -0.53   34.96   28.11    -1.2   0.626  1497.0
  350.0   0.21    0.20   34.75   27.91    20.4   0.524  1455.6
  370.0   0.27    0.25   34.78   27.93    18.6   0.528  1456.2
  390.0   0.32    0.30   34.80   27.94    17.5   0.531  1456.8
  410.0   0.36    0.34   34.81   27.95    16.6   0.535  1457.3
  430.0   0.39    0.37   34.82   27.96    16.1   0.538  1457.8
  450.0   0.41    0.39   34.83   27.97    15.4   0.541  1458.3
  470.0   0.43    0.41   34.84   27.97    14.9   0.544  1458.7
  490.0   0.44    0.42   34.85   27.98    14.5   0.547  1459.1
  510.0   0.45    0.43   34.85   27.98    14.2   0.550  1459.5
  530.0   0.45    0.43   34.86   27.99    13.8   0.553  1459.8
  550.0   0.44    0.41   34.86   27.99    13.5   0.556  1460.1
  570.0   0.42    0.39   34.86   27.99    13.2   0.559  1460.4
  590.0   0.40    0.37   34.87   28.00    12.8   0.561  1460.6
  610.0   0.37    0.35   34.87   28.00    12.5   0.564  1460.9
  630.0   0.36    0.33   34.87   28.00    12.4   0.566  1461.1
  650.0   0.32    0.30   34.87   28.00    12.0   0.569  1461.3
  670.0   0.29    0.26   34.87   28.01    11.6   0.571  1461.5
  690.0   0.27    0.23   34.87   28.01    11.3   0.573  1461.7
  710.0   0.24    0.21   34.88   28.01    10.9   0.576  1461.9
  730.0   0.21    0.18   34.88   28.02    10.3   0.578  1462.1
  750.0   0.18    0.15   34.88   28.02    10.0   0.580  1462.3
  800.0   0.13    0.09   34.88   28.03     9.6   0.585  1462.9

                                                        DEPTH        TEMP.        SALIN

                                    BUT NUM = 1           3.9                     30.44
                                    BUT NUM = 2         999.7                     34.90
                                    BUT NUM = 3        1999.1                     34.94
                                    BUT NUM = 4        1999.1                     34.93
                                    BUT NUM = 5        2936.1        -0.34
```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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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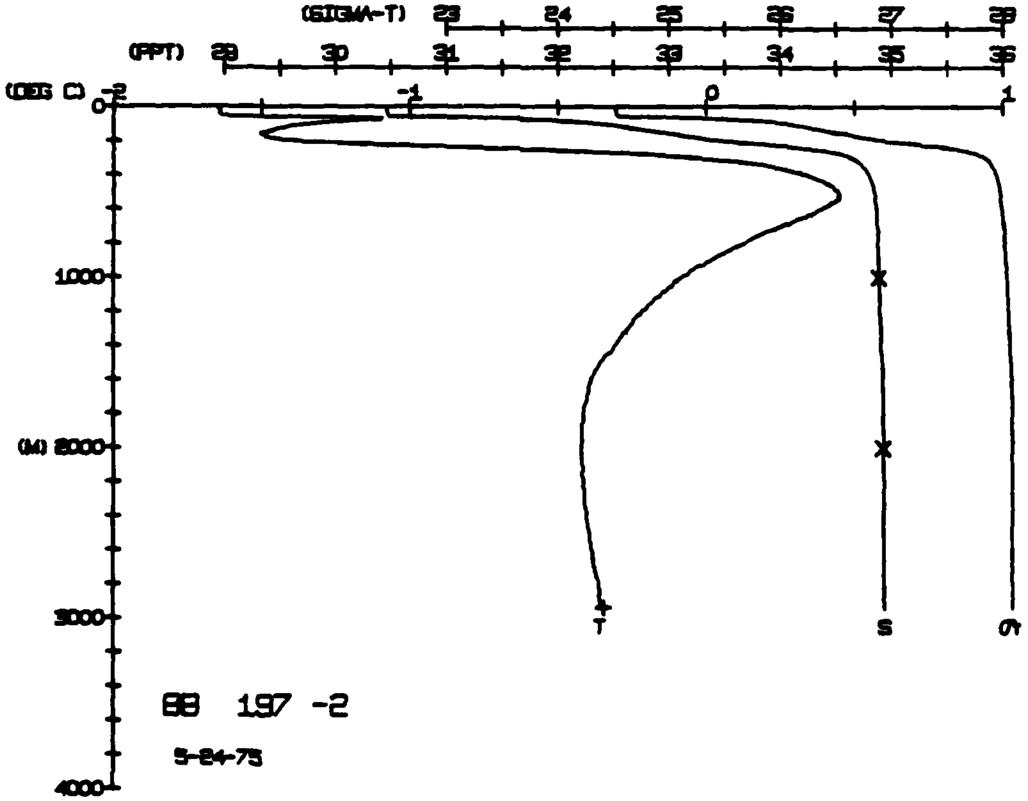
200
300
(M) 400
500
600
700
800
BB 197 -2
5-24-75
T
S
σt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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
1000
(M) 2000
3000
4000
T
S
σt
BB 197 -2
5-24-75

```
BIG BEAR STATION 199(1) STD  25/MAY/1975  515 GMT  CODE = 2
LAT = 76.2313N LNG = 145.2629W LTER =      1, LGER =      1,
AIR TEMP = -11.2 BAROM = 1030.5 WIND = 249.5 SPEED =  10.6

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.60   -1.60   30.45   24.51   343.3   0.000  1435.4
   5.0   -1.60   -1.60   30.45   24.51   343.2   0.017  1435.5
   5.9   -1.60   -1.60   30.45   24.51   343.2   0.020  1435.5
  10.0   -1.60   -1.60   30.45   24.51   343.2   0.035  1435.5
  15.0   -1.60   -1.60   30.45   24.51   343.1   0.052  1435.6
  20.0   -1.60   -1.60   30.45   24.51   343.0   0.069  1435.7
  25.0   -1.60   -1.60   30.45   24.51   343.0   0.086  1435.8
  30.0   -1.60   -1.60   30.45   24.51   342.7   0.104  1435.9
  35.0   -1.60   -1.60   30.45   24.51   342.7   0.121  1436.0
  40.0   -1.60   -1.60   30.45   24.51   342.6   0.138  1436.0
  45.0   -1.60   -1.60   30.45   24.51   342.5   0.155  1436.1
  50.0   -1.60   -1.60   30.46   24.51   342.4   0.173  1436.2
  55.0   -1.59   -1.60   30.46   24.52   342.2   0.190  1436.3
  60.0   -1.59   -1.59   30.48   24.53   341.7   0.207  1436.4
  65.0   -1.16   -1.16   31.22   25.13   284.0   0.223  1439.8
  70.0   -1.09   -1.09   31.55   25.39   259.0   0.237  1440.5
  80.0   -1.08   -1.08   31.92   25.69   230.4   0.261  1441.2
  90.0   -1.20   -1.20   32.17   25.90   210.8   0.284  1441.2
 100.0   -1.27   -1.27   32.34   26.03   198.1   0.304  1441.2
 110.0   -1.33   -1.34   32.48   26.15   186.6   0.324  1441.3
 120.0   -1.37   -1.38   32.60   26.24   177.7   0.342  1441.4
 130.0   -1.40   -1.40   32.70   26.33   169.3   0.359  1441.6
 140.0   -1.41   -1.42   32.80   26.41   161.7   0.376  1441.9
 150.0   -1.44   -1.45   32.90   26.49   153.8   0.392  1442.0
 160.0   -1.46   -1.46   32.99   26.56   146.9   0.407  1442.3
 170.0   -1.46   -1.46   33.09   26.64   139.3   0.422  1442.6
 180.0   -1.45   -1.45   33.18   26.72   132.1   0.435  1442.9
 190.0   -1.42   -1.43   33.31   26.82   122.5   0.448  1443.4
 200.0   -1.37   -1.37   33.46   26.94   111.4   0.460  1444.0
 210.0   -1.27   -1.27   33.62   27.07    99.0   0.471  1444.9
 220.0   -1.12   -1.13   33.82   27.22    84.5   0.480  1446.0
 230.0   -0.95   -0.96   34.02   27.38    70.1   0.488  1447.2
 240.0   -0.77   -0.78   34.17   27.49    59.1   0.494  1448.5
 250.0   -0.61   -0.62   34.29   27.58    51.1   0.500  1449.5
 260.0   -0.45   -0.46   34.39   27.66    43.7   0.505  1450.6
 270.0   -0.34   -0.35   34.47   27.72    38.2   0.509  1451.4
 280.0   -0.23   -0.24   34.53   27.76    34.0   0.512  1452.1
 290.0   -0.13   -0.14   34.58   27.80    30.8   0.516  1452.8
 300.0   -0.03   -0.04   34.62   27.82    28.7   0.519  1453.5
 310.0    0.03    0.02   34.64   27.84    27.1   0.521  1454.0
 320.0    0.08    0.07   34.68   27.86    24.8   0.524  1454.4
 330.0    0.14    0.13   34.71   27.88    23.2   0.526  1454.9
 340.0    0.20    0.19   34.73   27.90    21.9   0.529  1455.4
 350.0    0.25    0.23   34.75   27.91    20.7   0.531  1455.8
 370.0    0.31    0.29   34.77   27.93    19.1   0.535  1456.4
 390.0    0.36    0.34   34.79   27.94    17.9   0.539  1457.0
 410.0    0.40    0.38   34.81   27.95    16.9   0.542  1457.5
 430.0    0.43    0.41   34.82   27.96    16.2   0.546  1458.0
 450.0    0.46    0.44   34.83   27.96    15.8   0.549  1458.5
 470.0    0.48    0.46   34.84   27.97    15.2   0.552  1459.0
 490.0    0.50    0.48   34.85   27.98    14.8   0.555  1459.4
 501.1    0.51    0.48   34.85   27.98    14.7   0.557  1459.6

                        DEPTH       TEMP.       SALIN

        BOT NUM = 1       5.1       -1.65       30.45
        BOT NUM = 2      41.0                   30.43
        BOT NUM = 3     251.5       -0.66       34.31
        BOT NUM = 4     490.0        0.47       34.86
```

```
BIG BEAR STATION 201(2) STD  25/MAY/1975 1728 GMT  CODE = 2
LAT = 76.2456N LNG = 145.2732W LTER =      0, LGER =      0,
AIR TEMP = -11.5 BAROM = 1029.3 WIND = 108.3 SPEED =  41.2

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.64   -1.64   30.44   24.51   343.8   0.000  1435.1
   4.4   -1.64   -1.64   30.44   24.51   343.7   0.015  1435.2
   5.0   -1.64   -1.64   30.44   24.51   343.7   0.017  1435.2
  10.0   -1.64   -1.64   30.44   24.51   343.7   0.035  1435.3
  15.0   -1.64   -1.64   30.45   24.51   343.5   0.052  1435.4
  20.0   -1.64   -1.64   30.45   24.51   343.3   0.069  1435.5
  25.0   -1.64   -1.64   30.45   24.51   343.1   0.086  1435.6
  30.0   -1.64   -1.64   30.45   24.51   342.6   0.104  1435.7
  35.0   -1.64   -1.64   30.45   24.51   342.5   0.121  1435.7
  40.0   -1.64   -1.64   30.46   24.52   342.3   0.138  1435.8
  45.0   -1.64   -1.64   30.46   24.52   342.1   0.155  1435.9
  50.0   -1.64   -1.64   30.46   24.52   342.0   0.173  1436.0
  55.0   -1.64   -1.64   30.46   24.51   342.2   0.190  1436.1
  60.0   -1.64   -1.64   30.47   24.53   340.9   0.207  1436.2
  65.0   -1.23   -1.23   31.12   25.04   291.9   0.223  1439.1
  70.0   -1.12   -1.12   31.54   25.38   260.1   0.237  1440.3
  80.0   -1.14   -1.14   31.82   25.61   238.3   0.262  1440.8
  90.0   -1.21   -1.22   32.08   25.82   218.1   0.285  1441.0
 100.0   -1.31   -1.31   32.20   25.99   202.1   0.306  1441.0
 110.0   -1.37   -1.37   32.43   26.10   190.9   0.326  1441.0
 120.0   -1.41   -1.41   32.56   26.22   180.1   0.345  1441.2
 130.0   -1.44   -1.44   32.66   26.29   172.7   0.363  1441.4
 140.0   -1.46   -1.46   32.76   26.37   165.1   0.380  1441.6
 150.0   -1.48   -1.49   32.86   26.46   156.7   0.396  1441.8
 160.0   -1.50   -1.50   32.96   26.54   149.3   0.411  1442.0
 170.0   -1.49   -1.50   33.05   26.61   142.3   0.426  1442.3
 180.0   -1.48   -1.49   33.15   26.69   134.4   0.440  1442.7
 190.0   -1.46   -1.46   33.28   26.80   124.8   0.453  1443.1
 200.0   -1.42   -1.43   33.43   26.91   113.6   0.465  1443.7
 210.0   -1.33   -1.33   33.57   27.03   102.6   0.476  1444.5
 220.0   -1.17   -1.17   33.77   27.19    87.9   0.486  1445.7
 230.0   -1.00   -1.00   33.97   27.34    73.7   0.494  1447.0
 240.0   -0.79   -0.80   34.14   27.47    61.2   0.501  1448.3
 250.0   -0.63   -0.64   34.28   27.58    51.3   0.506  1449.4
 260.0   -0.48   -0.49   34.38   27.65    44.1   0.511  1450.4
 270.0   -0.37   -0.38   34.46   27.71    38.9   0.515  1451.2
 280.0   -0.26   -0.27   34.51   27.75    35.4   0.519  1451.9
 290.0   -0.16   -0.17   34.56   27.78    32.3   0.523  1452.7
 300.0   -0.08   -0.09   34.60   27.81    29.7   0.526  1453.3
 310.0    0.00   -0.02   34.63   27.83    27.7   0.529  1453.8
 320.0    0.05    0.04   34.66   27.85    25.7   0.531  1454.3
 330.0    0.10    0.09   34.69   27.87    24.1   0.534  1454.7
 340.0    0.15    0.14   34.71   27.88    22.9   0.536  1455.1
 350.0    0.20    0.19   34.73   27.90    21.7   0.538  1455.5
 370.0    0.28    0.26   34.76   27.92    19.7   0.543  1456.3
 390.0    0.33    0.31   34.78   27.93    18.4   0.546  1456.8
 410.0    0.36    0.35   34.80   27.94    17.7   0.550  1457.4
 430.0    0.39    0.37   34.81   27.95    17.0   0.554  1457.8
 450.0    0.42    0.40   34.82   27.96    16.5   0.557  1458.3
 470.0    0.44    0.42   34.83   27.96    15.9   0.560  1458.7
 490.0    0.45    0.43   34.83   27.97    15.5   0.563  1459.1
 510.0    0.45    0.43   34.84   27.97    15.2   0.567  1459.5
 530.0    0.45    0.43   34.84   27.97    14.9   0.570  1459.8
 550.0    0.44    0.41   34.85   27.98    14.5   0.573  1460.1
 570.0    0.42    0.39   34.85   27.98    14.2   0.575  1460.3
 590.0    0.40    0.37   34.85   27.99    13.8   0.578  1460.6
 610.0    0.38    0.35   34.86   27.99    13.4   0.581  1460.8
 630.0    0.35    0.32   34.86   27.99    13.0   0.584  1461.1
 650.0    0.33    0.30   34.86   28.00    12.6   0.586  1461.3
 670.0    0.30    0.27   34.86   28.00    12.3   0.589  1461.5
 690.0    0.27    0.24   34.87   28.00    11.9   0.591  1461.7
 710.0    0.25    0.22   34.87   28.01    11.6   0.594  1461.9
 730.0    0.22    0.19   34.87   28.01    11.2   0.596  1462.1

                        DEPTH       TEMP.       SALIN

        BOT NUM = 1       4.1       -1.65       30.45
        BOT NUM = 2      42.3                   30.45
        BOT NUM = 3     249.7       -0.64       34.30
        BOT NUM = 4     504.3        0.47       34.86
        BOT NUM = 5     730.4        0.23       34.89
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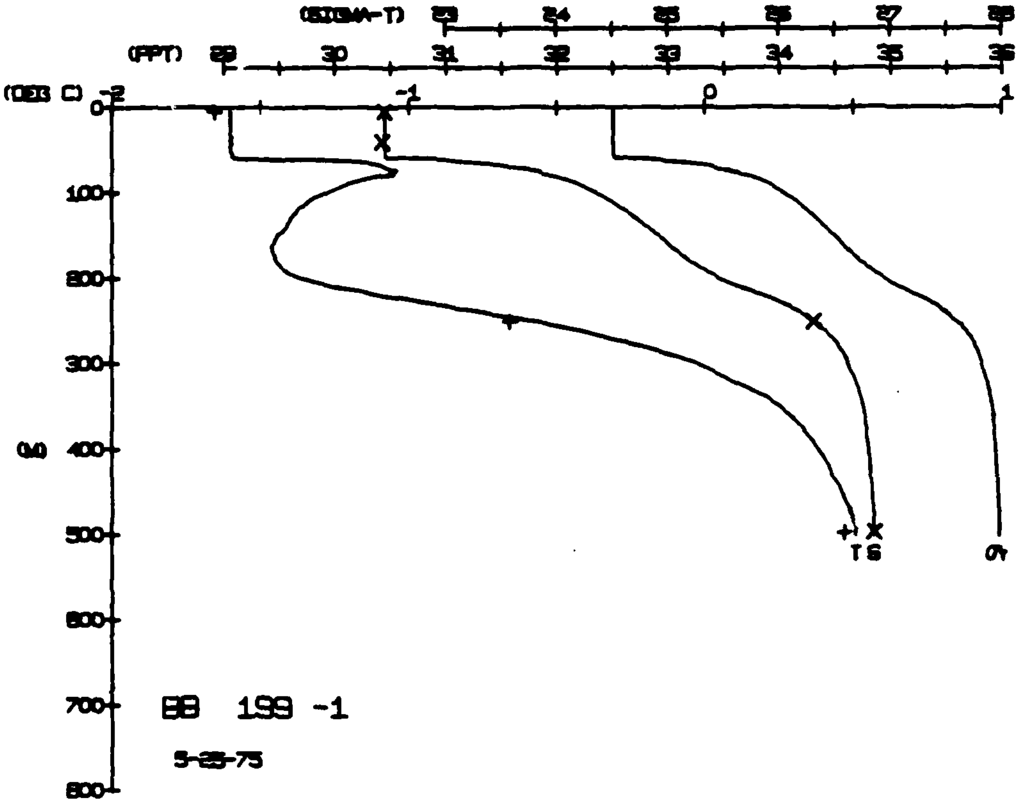
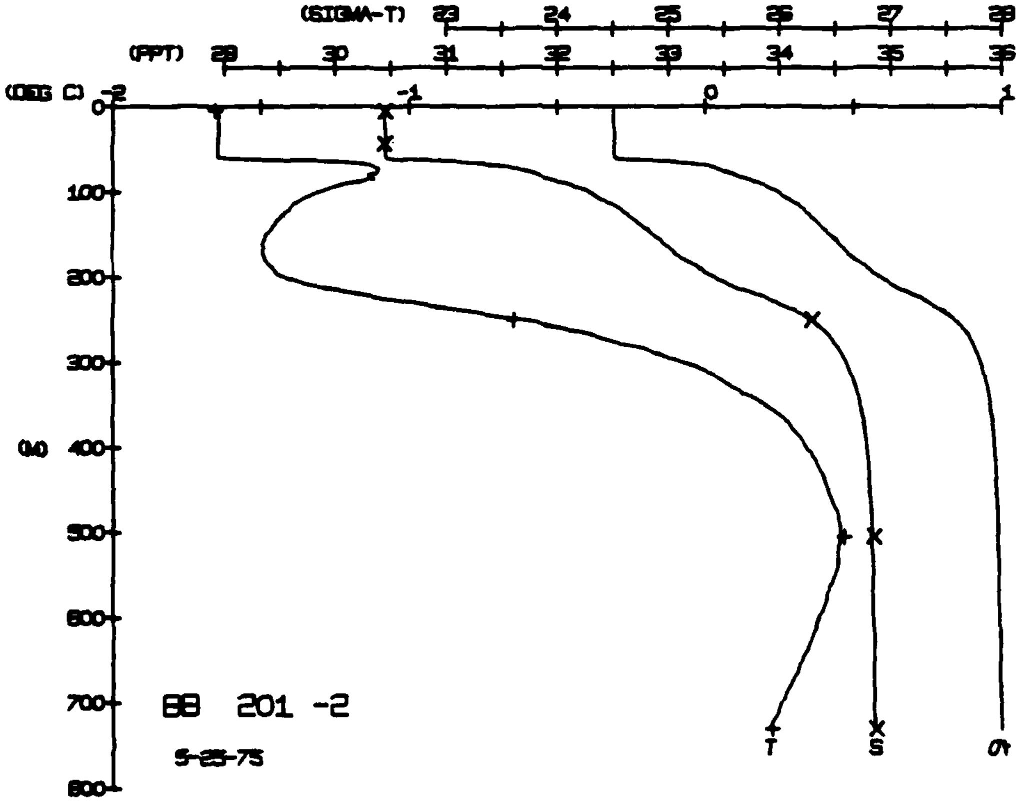


BB 199 -1

5-25-75



BB 201 -2

5-25-75

```
BIG BEAR STATION 203(1) STD  26/MAY/1975  500 GMT  CODE = 2
LAT = 76.2574N LNG = 145.3659W LTER =     1, LGER =     2,
AIR TEMP = -11.5 BAROM = 1026.2 WIND = 108.3 SPEED =  41.2

 DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.66  -1.66  30.46  24.52  342.8  0.000 1435.1
   4.4  -1.66  -1.66  30.46  24.52  342.8  0.015 1435.2
   5.0  -1.66  -1.66  30.46  24.52  342.8  0.017 1435.2
  10.0  -1.66  -1.66  30.46  24.52  342.5  0.035 1435.3
  15.0  -1.66  -1.66  30.46  24.52  342.5  0.052 1435.4
  20.0  -1.66  -1.66  30.46  24.52  342.4  0.069 1435.4
  25.0  -1.66  -1.66  30.46  24.52  342.3  0.086 1435.5
  30.0  -1.66  -1.66  30.46  24.52  342.2  0.103 1435.6
  35.0  -1.66  -1.66  30.46  24.52  342.0  0.121 1435.7
  40.0  -1.66  -1.66  30.46  24.52  341.9  0.138 1435.8
  45.0  -1.66  -1.66  30.46  24.52  341.8  0.155 1435.9
  50.0  -1.65  -1.65  30.46  24.52  341.5  0.172 1436.0
  55.0  -1.65  -1.65  30.47  24.52  341.4  0.190 1436.1
  60.0  -1.33  -1.33  30.98  24.93  302.5  0.206 1438.4
  65.0  -1.14  -1.14  31.40  25.27  270.6  0.220 1439.9
  70.0  -1.09  -1.10  31.71  25.51  247.2  0.233 1440.7
  80.0  -1.16  -1.17  31.93  25.70  229.9  0.257 1440.8
  90.0  -1.26  -1.26  32.15  25.87  212.9  0.280 1440.8
 100.0  -1.33  -1.34  32.29  25.99  201.3  0.301 1440.9
 110.0  -1.38  -1.39  32.42  26.10  191.1  0.320 1441.0
 120.0  -1.42  -1.43  32.54  26.20  181.8  0.339 1441.1
 130.0  -1.46  -1.46  32.64  26.28  174.0  0.357 1441.3
 140.0  -1.48  -1.48  32.74  26.36  166.1  0.374 1441.5
 150.0  -1.50  -1.51  32.84  26.44  158.9  0.391 1441.7
 160.0  -1.51  -1.52  32.93  26.51  151.6  0.406 1441.9
 170.0  -1.51  -1.51  33.03  26.60  143.7  0.421 1442.2
 180.0  -1.49  -1.49  33.13  26.68  136.2  0.435 1442.6
 190.0  -1.48  -1.49  33.23  26.74  129.6  0.449 1443.0
 200.0  -1.46  -1.47  33.33  26.83  121.4  0.461 1443.4
 210.0  -1.41  -1.41  33.49  26.97  108.4  0.473 1444.0
 220.0  -1.28  -1.28  33.67  27.11   95.1  0.483 1445.1
 230.0  -1.13  -1.13  33.87  27.26   80.8  0.492 1446.2
 240.0  -0.92  -0.93  34.07  27.42   66.2  0.500 1447.6
 250.0  -0.75  -0.76  34.23  27.54   54.9  0.506 1448.8
 260.0  -0.57  -0.58  34.34  27.63   46.8  0.511 1449.9
 270.0  -0.44  -0.45  34.44  27.69   40.5  0.515 1450.8
 280.0  -0.32  -0.33  34.50  27.74   36.2  0.519 1451.7
 290.0  -0.21  -0.23  34.55  27.78   32.8  0.523 1452.4
 300.0  -0.12  -0.13  34.60  27.81   29.8  0.526 1453.0
 310.0  -0.03  -0.04  34.64  27.84   27.4  0.529 1453.7
 320.0   0.04   0.03  34.67  27.86   25.3  0.531 1454.2
 330.0   0.09   0.08  34.69  27.88   23.7  0.534 1454.7
 340.0   0.15   0.14  34.72  27.89   22.4  0.536 1455.1
 350.0   0.20   0.19  34.74  27.90   21.3  0.538 1455.5
 370.0   0.27   0.26  34.76  27.92   19.6  0.542 1456.2
 390.0   0.32   0.31  34.78  27.94   18.3  0.546 1456.8
 410.0   0.36   0.35  34.80  27.95   17.3  0.550 1457.4
 430.0   0.40   0.38  34.81  27.95   16.7  0.553 1457.9
 450.0   0.42   0.40  34.82  27.96   16.1  0.557 1458.3
 470.0   0.44   0.42  34.83  27.97   15.4  0.560 1458.8
 490.0   0.45   0.43  34.84  27.97   15.1  0.563 1459.1
 510.0   0.44   0.42  34.84  27.97   14.8  0.566 1459.4
 530.0   0.44   0.41  34.85  27.98   14.4  0.569 1459.8
 550.0   0.43   0.40  34.85  27.98   14.0  0.572 1460.0
 570.0   0.40   0.38  34.86  27.99   13.6  0.574 1460.3
 590.0   0.39   0.36  34.86  27.99   13.4  0.577 1460.5
 610.0   0.37   0.35  34.86  27.99   13.0  0.580 1460.8
 630.0   0.35   0.32  34.86  28.00   12.9  0.582 1461.0
 650.0   0.33   0.30  34.86  28.00   12.6  0.585 1461.3
 670.0   0.31   0.28  34.87  28.00   12.3  0.588 1461.5
 690.0   0.28   0.24  34.87  28.00   11.9  0.590 1461.7
 710.0   0.24   0.21  34.87  28.01   11.6  0.592 1461.9
 729.4   0.22   0.18  34.87  28.01   11.3  0.595 1462.1

                         DEPTH     TEMP.     SALIN

       BOT NUM = 1         3.7     -1.64     30.44
       BOT NUM = 2        41.9               30.45
       BOT NUM = 3       249.7     -0.63     34.29
       BOT NUM = 4       499.3      0.43
       BOT NUM = 5       731.4      0.19     34.85
```

```
BIG BEAR STATION 205(1) STD  26/MAY/1975 1705 GMT  CODE = 2
LAT = 76.2477N LNG = 145.5363W LTER =     2, LGER =     3,
AIR TEMP =        BAROM = 1024.6 WIND =  41.2 SPEED =  57.2

 DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.60  -1.60  30.46  24.52  342.7  0.000 1435.4
   5.0  -1.60  -1.60  30.46  24.52  342.6  0.017 1435.5
   5.3  -1.60  -1.60  30.46  24.52  342.6  0.018 1435.5
  10.0  -1.60  -1.60  30.46  24.52  342.6  0.034 1435.6
  15.0  -1.60  -1.60  30.46  24.52  342.5  0.052 1435.6
  20.0  -1.60  -1.60  30.46  24.52  342.4  0.069 1435.7
  25.0  -1.59  -1.60  30.46  24.52  342.4  0.086 1435.8
  30.0  -1.59  -1.59  30.46  24.52  342.3  0.103 1435.9
  35.0  -1.59  -1.59  30.46  24.52  342.2  0.121 1436.0
  40.0  -1.59  -1.59  30.46  24.52  342.2  0.138 1436.1
  45.0  -1.59  -1.59  30.46  24.52  342.1  0.155 1436.2
  50.0  -1.59  -1.59  30.46  24.52  342.0  0.172 1436.2
  55.0  -1.59  -1.59  30.46  24.52  341.9  0.190 1436.3
  60.0  -1.59  -1.59  30.46  24.52  341.8  0.207 1436.4
  65.0  -1.17  -1.17  31.21  25.12  285.1  0.223 1439.6
  70.0  -1.03  -1.03  31.60  25.43  255.3  0.236 1440.8
  80.0  -1.09  -1.10  31.95  25.71  228.5  0.261 1441.2
  90.0  -1.21  -1.21  32.19  25.91  209.9  0.283 1441.1
 100.0  -1.28  -1.28  32.36  26.05  196.2  0.303 1441.2
 110.0  -1.33  -1.33  32.50  26.16  185.7  0.322 1441.3
 120.0  -1.37  -1.38  32.61  26.25  176.5  0.341 1441.5
 130.0  -1.41  -1.41  32.71  26.34  168.7  0.358 1441.6
 140.0  -1.43  -1.43  32.82  26.42  160.5  0.375 1441.8
 150.0  -1.44  -1.45  32.92  26.50  152.9  0.391 1442.1
 160.0  -1.46  -1.46  33.01  26.58  145.6  0.406 1442.3
 170.0  -1.46  -1.46  33.11  26.66  137.9  0.420 1442.6
 180.0  -1.44  -1.44  33.23  26.76  128.7  0.433 1443.0
 190.0  -1.40  -1.40  33.35  26.85  119.7  0.446 1443.5
 200.0  -1.34  -1.34  33.50  26.97  108.0  0.457 1444.2
 210.0  -1.21  -1.22  33.70  27.13   93.2  0.468 1445.2
 220.0  -1.06  -1.06  33.89  27.28   79.3  0.476 1446.4
 230.0  -0.86  -0.87  34.09  27.43   64.7  0.484 1447.8
 240.0  -0.66  -0.67  34.24  27.54   54.4  0.490 1449.0
 250.0  -0.50  -0.50  34.36  27.63   46.2  0.495 1450.2
 260.0  -0.38  -0.39  34.44  27.69   40.6  0.499 1451.0
 270.0  -0.27  -0.28  34.50  27.74   36.4  0.503 1451.7
 280.0  -0.14  -0.15  34.56  27.78   32.9  0.506 1452.6
 290.0  -0.05  -0.07  34.60  27.81   30.0  0.510 1453.2
 300.0   0.02   0.01  34.63  27.83   27.8  0.513 1453.8
 310.0   0.09   0.08  34.66  27.85   26.0  0.515 1454.3
 320.0   0.14   0.13  34.69  27.87   24.2  0.518 1454.7
 330.0   0.19   0.18  34.72  27.89   22.7  0.520 1455.1
 340.0   0.24   0.23  34.73  27.90   21.7  0.522 1455.5
 350.0   0.27   0.26  34.75  27.91   20.9  0.525 1455.9
 370.0   0.33   0.31  34.77  27.92   19.3  0.529 1456.5
 390.0   0.38   0.36  34.79  27.94   18.1  0.532 1457.1
 410.0   0.42   0.40  34.81  27.95   17.3  0.536 1457.6
 430.0   0.44   0.43  34.82  27.95   16.8  0.539 1458.1
 450.0   0.46   0.44  34.83  27.96   16.2  0.543 1458.5
 470.0   0.48   0.46  34.83  27.97   15.7  0.546 1458.9
 490.0   0.49   0.47  34.84  27.97   15.5  0.549 1459.3
 510.0   0.49   0.47  34.84  27.97   15.2  0.552 1459.7
 530.0   0.49   0.47  34.84  27.97   15.0  0.555 1460.0
 550.0   0.49   0.46  34.85  27.98   14.8  0.558 1460.3
 570.0   0.47   0.44  34.85  27.98   14.5  0.561 1460.6
 590.0   0.45   0.42  34.85  27.98   14.1  0.564 1460.8
 610.0   0.43   0.40  34.86  27.99   13.8  0.567 1461.1
 630.0   0.40   0.38  34.86  27.99   13.4  0.570 1461.3
 650.0   0.37   0.34  34.86  27.99   13.0  0.572 1461.5
 670.0   0.35   0.32  34.86  28.00   12.7  0.575 1461.7
 690.0   0.32   0.29  34.87  28.00   12.4  0.577 1461.9
 710.0   0.30   0.26  34.87  28.00   11.9  0.580 1462.1
 728.6   0.26   0.23  34.87  28.01   11.5  0.582 1462.3

                         DEPTH     TEMP.     SALIN

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       BOT NUM = 2        43.2               30.47
       BOT NUM = 3       250.1     -0.62     34.28
       BOT NUM = 4       500.0      0.46
       BOT NUM = 5       727.2      0.23     34.85
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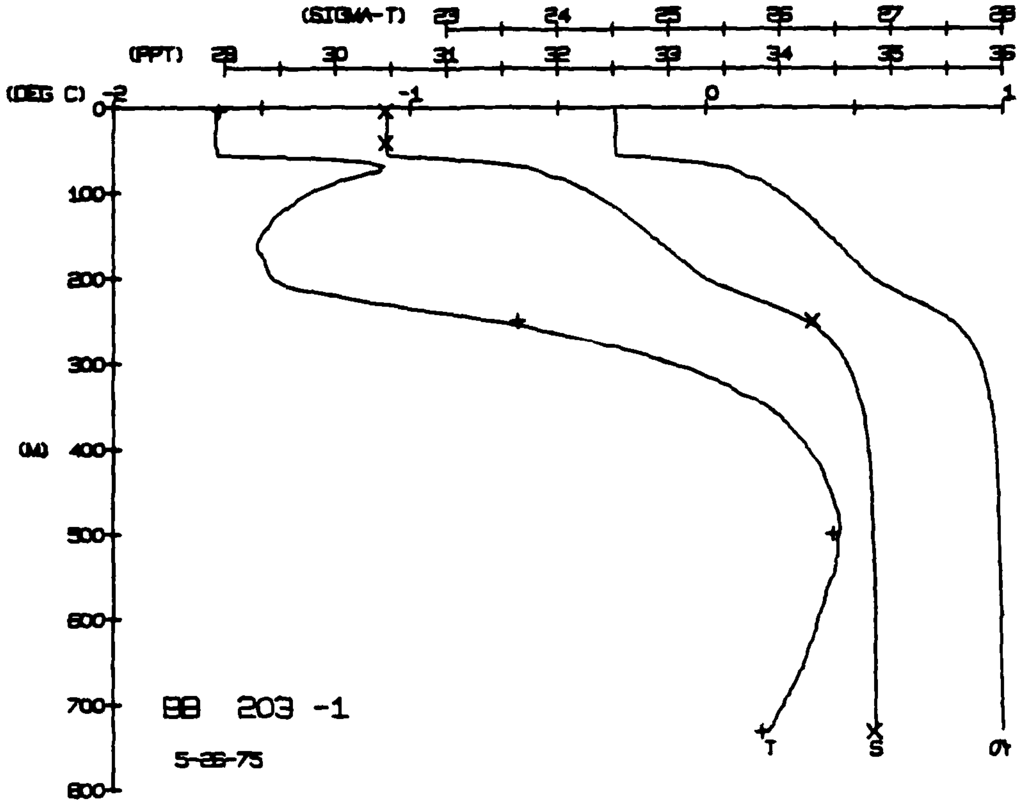
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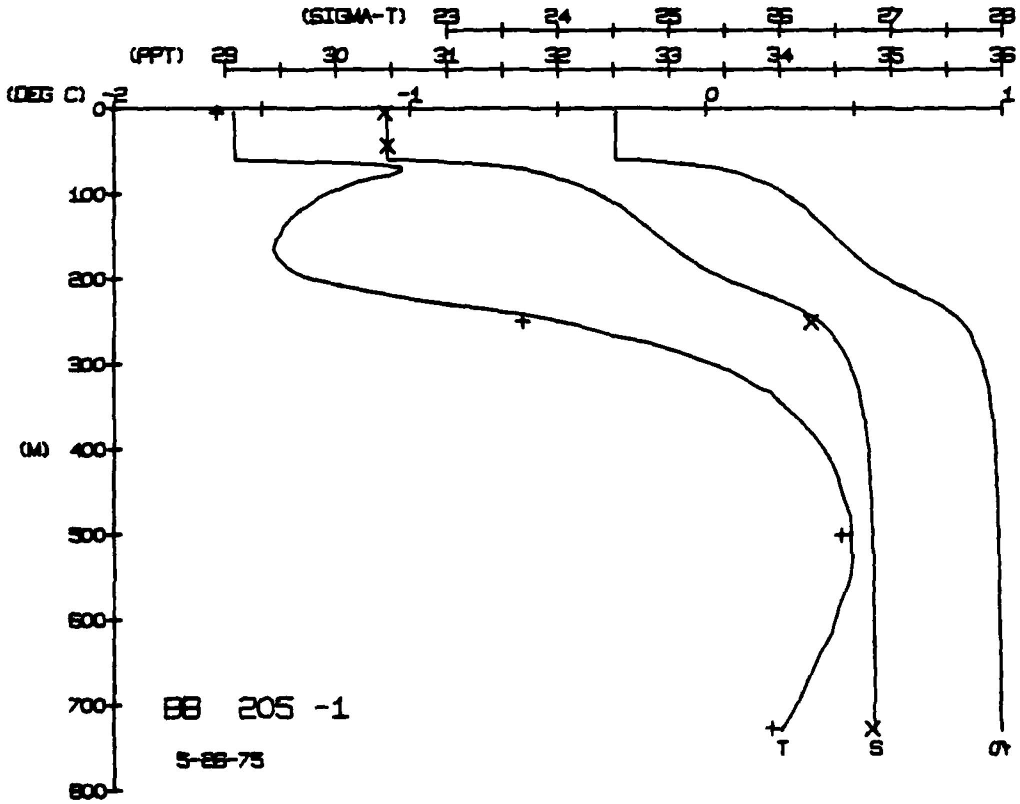
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S
σt

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BIG BEAR STATION 207(2) STD  27/MAY/1975  500 GMT  CODE = 2
LAT = 76.2434N LNG = 145.7267W LTER =     1, LGER =     2,
AIR TEMP =        BAROM = 1026.1 WIND =  41.2 SPEED =  57.2

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.64   -1.64   30.45   24.51   343.1   0.000  1435.2
   4.5   -1.64   -1.64   30.45   24.51   343.1   0.015  1435.3
   5.0   -1.64   -1.64   30.45   24.51   343.1   0.017  1435.3
  10.0   -1.64   -1.64   30.45   24.51   343.0   0.035  1435.3
  15.0   -1.64   -1.64   30.45   24.51   342.9   0.052  1435.4
  20.0   -1.64   -1.64   30.45   24.51   342.7   0.069  1435.5
  25.0   -1.64   -1.64   30.45   24.51   342.6   0.086  1435.6
  30.0   -1.64   -1.64   30.45   24.51   342.6   0.104  1435.7
  35.0   -1.64   -1.64   30.45   24.51   342.5   0.121  1435.8
  40.0   -1.64   -1.64   30.46   24.51   342.4   0.138  1435.8
  45.0   -1.64   -1.64   30.46   24.52   342.2   0.155  1435.9
  50.0   -1.64   -1.64   30.46   24.52   342.1   0.173  1436.0
  55.0   -1.64   -1.64   30.46   24.52   342.1   0.190  1436.1
  60.0   -1.64   -1.64   30.46   24.52   341.8   0.207  1436.2
  65.0   -1.64   -1.64   30.47   24.52   341.3   0.224  1436.3
  70.0   -1.18   -1.18   31.23   25.13   283.6   0.240  1439.6
  80.0   -1.11   -1.12   31.84   25.62   237.1   0.266  1440.9
  90.0   -1.22   -1.22   32.07   25.81   219.1   0.289  1440.9
 100.0   -1.30   -1.30   32.24   25.95   205.6   0.311  1441.0
 110.0   -1.36   -1.36   32.40   26.08   192.9   0.331  1441.1
 120.0   -1.40   -1.40   32.53   26.19   183.0   0.350  1441.2
 130.0   -1.44   -1.45   32.63   26.27   175.1   0.368  1441.3
 140.0   -1.47   -1.47   32.73   26.35   167.0   0.385  1441.5
 150.0   -1.49   -1.50   32.84   26.44   158.6   0.401  1441.7
 160.0   -1.50   -1.51   32.93   26.52   151.4   0.417  1442.0
 170.0   -1.52   -1.52   33.03   26.60   143.6   0.432  1442.2
 180.0   -1.51   -1.51   33.14   26.69   135.0   0.446  1442.6
 190.0   -1.48   -1.48   33.24   26.77   127.4   0.459  1443.0
 200.0   -1.43   -1.44   33.39   26.89   116.1   0.472  1443.6
 210.0   -1.37   -1.38   33.52   26.99   106.7   0.483  1444.2
 220.0   -1.22   -1.22   33.71   27.14    92.3   0.493  1445.4
 230.0   -1.06   -1.07   33.91   27.30    77.6   0.501  1446.6
 240.0   -0.89   -0.90   34.08   27.43    65.1   0.509  1447.8
 250.0   -0.73   -0.74   34.23   27.54    54.5   0.515  1448.9
 260.0   -0.56   -0.57   34.35   27.63    46.5   0.520  1450.0
 270.0   -0.43   -0.44   34.43   27.69    40.6   0.524  1450.9
 280.0   -0.34   -0.35   34.50   27.74    36.3   0.528  1451.6
 290.0   -0.21   -0.22   34.55   27.78    32.9   0.532  1452.4
 300.0   -0.12   -0.13   34.60   27.81    29.8   0.535  1453.0
 310.0   -0.04   -0.05   34.63   27.83    28.1   0.538  1453.6
 320.0    0.03    0.01   34.66   27.85    26.2   0.540  1454.1
 330.0    0.08    0.07   34.68   27.87    24.6   0.543  1454.6
 340.0    0.14    0.13   34.71   27.88    23.1   0.545  1455.1
 350.0    0.19    0.17   34.73   27.90    21.8   0.548  1455.5
 370.0    0.26    0.24   34.76   27.92    20.0   0.552  1456.2
 390.0    0.31    0.29   34.78   27.93    18.6   0.556  1456.8
 410.0    0.35    0.33   34.80   27.94    17.7   0.559  1457.3
 430.0    0.39    0.37   34.81   27.95    16.8   0.563  1457.8
 450.0    0.41    0.39   34.82   27.96    16.4   0.566  1458.3
 470.0    0.43    0.41   34.83   27.97    15.7   0.569  1458.7
 490.0    0.45    0.43   34.84   27.97    15.3   0.573  1459.1
 510.0    0.46    0.44   34.84   27.98    14.7   0.576  1459.5
 530.0    0.45    0.43   34.85   27.98    14.7   0.579  1459.8
 550.0    0.44    0.41   34.85   27.98    14.1   0.582  1460.1
 570.0    0.42    0.39   34.85   27.98    13.9   0.584  1460.3
 590.0    0.41    0.38   34.86   27.99    13.6   0.587  1460.6
 610.0    0.39    0.36   34.86   27.99    13.2   0.590  1460.9
 630.0    0.36    0.33   34.86   28.00    12.9   0.592  1461.1
 650.0    0.33    0.30   34.86   28.00    12.5   0.595  1461.3
 670.0    0.31    0.28   34.87   28.00    12.2   0.598  1461.5
 690.0    0.28    0.25   34.87   28.01    11.8   0.600  1461.7
 710.0    0.24    0.21   34.87   28.01    11.6   0.602  1461.9

                           DEPTH      TEMP.      SALIN

        BOT NUM = 1          4.4      -1.64      30.45
        BOT NUM = 2         41.0                 30.44
        BOT NUM = 3        250.2      -0.65      34.27
        BOT NUM = 4        498.8       0.46
        BOT NUM = 5        729.2       0.23      34.85
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BIG BEAR STATION 209(1) STD  27/MAY/1975 1715 GMT  CODE = 2
LAT = 76.2500N LNG = 145.9007W LTER =     0, LGER =     0.
AIR TEMP = -12.2 BAROM = 1027.4 WIND =  76.5 SPEED =  75.4

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.64   -1.64   30.45   24.51   343.0   0.000  1435.2
   4.4   -1.64   -1.64   30.45   24.51   343.0   0.015  1435.2
   5.0   -1.64   -1.65   30.45   24.51   343.0   0.017  1435.2
  10.0   -1.64   -1.65   30.45   24.51   342.9   0.035  1435.3
  15.0   -1.65   -1.65   30.45   24.51   342.8   0.052  1435.4
  20.0   -1.65   -1.65   30.45   24.51   342.7   0.069  1435.5
  25.0   -1.65   -1.65   30.46   24.52   342.6   0.086  1435.6
  30.0   -1.65   -1.65   30.46   24.52   342.5   0.104  1435.7
  35.0   -1.65   -1.65   30.46   24.52   342.4   0.121  1435.7
  40.0   -1.65   -1.65   30.46   24.52   342.2   0.138  1435.8
  45.0   -1.65   -1.65   30.46   24.52   342.1   0.155  1435.9
  50.0   -1.64   -1.64   30.46   24.52   342.1   0.173  1436.0
  55.0   -1.64   -1.64   30.46   24.52   342.0   0.190  1436.1
  60.0   -1.64   -1.64   30.46   24.52   341.9   0.207  1436.2
  65.0   -1.27   -1.27   30.96   24.92   303.6   0.223  1438.7
  70.0   -1.14   -1.14   31.40   25.27   270.6   0.238  1440.0
  80.0   -1.15   -1.16   31.86   25.64   235.1   0.263  1440.8
  90.0   -1.26   -1.26   32.13   25.86   214.2   0.286  1440.8
 100.0   -1.33   -1.33   32.32   26.02   199.3   0.307  1440.9
 110.0   -1.38   -1.38   32.45   26.12   188.9   0.326  1441.0
 120.0   -1.42   -1.43   32.57   26.22   179.4   0.345  1441.2
 130.0   -1.44   -1.45   32.68   26.31   170.8   0.363  1441.4
 140.0   -1.48   -1.48   32.78   26.39   163.0   0.379  1441.5
 150.0   -1.48   -1.49   32.88   26.47   155.4   0.395  1441.8
 160.0   -1.50   -1.50   32.97   26.55   148.4   0.411  1442.0
 170.0   -1.51   -1.51   33.06   26.62   141.8   0.425  1442.3
 180.0   -1.49   -1.50   33.16   26.70   133.6   0.439  1442.7
 190.0   -1.48   -1.48   33.29   26.80   124.2   0.452  1443.1
 200.0   -1.43   -1.44   33.43   26.92   113.0   0.464  1443.7
 210.0   -1.31   -1.31   33.61   27.06    99.9   0.475  1444.7
 220.0   -1.16   -1.16   33.81   27.21    85.2   0.484  1445.8
 230.0   -0.97   -0.97   34.01   27.37    70.5   0.492  1447.2
 240.0   -0.79   -0.79   34.18   27.50    58.0   0.499  1448.4
 250.0   -0.60   -0.61   34.33   27.61    48.1   0.504  1449.6
 260.0   -0.47   -0.48   34.42   27.68    41.7   0.509  1450.5
 270.0   -0.35   -0.36   34.48   27.73    37.5   0.513  1451.3
 280.0   -0.24   -0.25   34.54   27.76    33.9   0.516  1452.1
 290.0   -0.15   -0.16   34.58   27.80    30.7   0.519  1452.7
 300.0   -0.07   -0.08   34.62   27.83    28.2   0.522  1453.3
 310.0    0.00   -0.01   34.66   27.85    26.0   0.525  1453.8
 320.0    0.06    0.05   34.68   27.87    24.4   0.528  1454.3
 330.0    0.12    0.11   34.71   27.88    23.0   0.530  1454.8
 340.0    0.17    0.16   34.73   27.90    21.5   0.532  1455.2
 350.0    0.21    0.20   34.75   27.91    20.6   0.534  1455.6
 370.0    0.28    0.27   34.77   27.93    18.9   0.538  1456.3
 390.0    0.33    0.31   34.79   27.94    17.8   0.542  1456.9
 410.0    0.36    0.35   34.81   27.95    16.9   0.546  1457.4
 430.0    0.39    0.37   34.82   27.96    16.3   0.549  1457.8
 450.0    0.42    0.40   34.83   27.97    15.5   0.552  1458.3
 470.0    0.43    0.41   34.84   27.97    15.1   0.555  1458.7
 490.0    0.45    0.42   34.84   27.97    14.8   0.558  1459.1
 510.0    0.45    0.43   34.85   27.98    14.6   0.561  1459.5
 530.0    0.44    0.42   34.85   27.98    14.2   0.564  1459.8
 550.0    0.43    0.40   34.85   27.98    14.0   0.567  1460.1
 570.0    0.41    0.38   34.85   27.99    13.8   0.570  1460.3
 590.0    0.40    0.37   34.86   27.99    13.5   0.573  1460.6
 610.0    0.37    0.35   34.86   27.99    13.1   0.575  1460.8
 630.0    0.35    0.33   34.86   28.00    12.8   0.578  1461.1
 650.0    0.33    0.30   34.86   28.00    12.5   0.581  1461.3
 670.0    0.30    0.27   34.87   28.00    12.1   0.583  1461.5
 690.0    0.27    0.24   34.87   28.00    11.9   0.585  1461.7
 710.0    0.24    0.21   34.87   28.01    11.5   0.588  1461.9

                           DEPTH      TEMP.      SALIN

        BOT NUM = 1          4.4      -1.65      30.42
        BOT NUM = 2         43.0                 30.45
        BOT NUM = 3        250.4      -0.68      34.27
        BOT NUM = 4        520.1       0.46
        BOT NUM = 5        729.8       0.24      34.85
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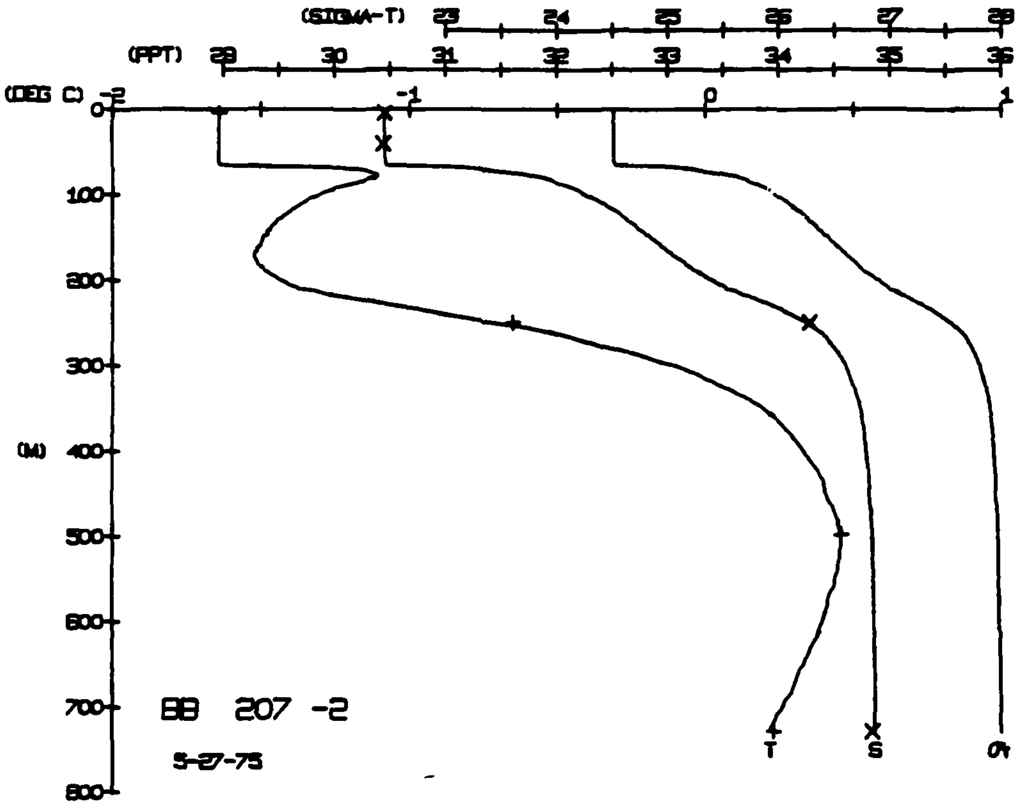

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200
300
(M) 400
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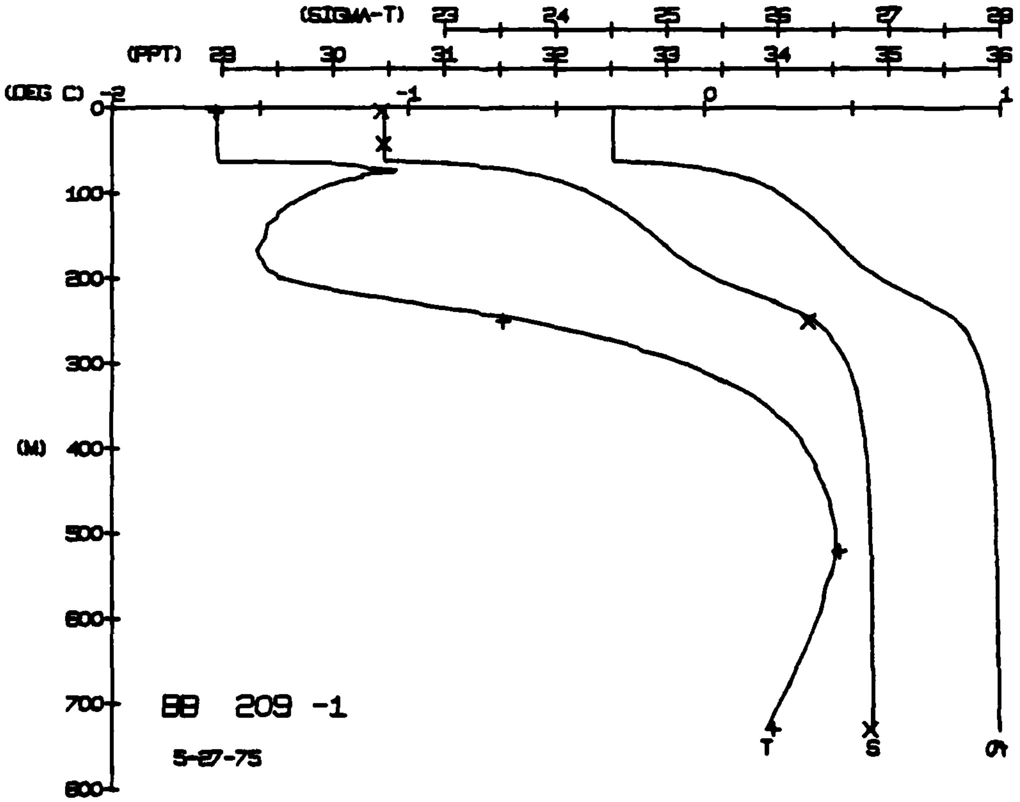

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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 209 -1
5-27-75
T
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BIG BEAR STATION 213(2) STD  28/MAY/1975 1718 GMT  CODE = 2
LAT = 76.2915N LNG = 146.2461W LTER =     1. LGER =     2.
AIR TEMP = -12.2 BAROM = 1028.2 WIND =  76.5 SPEED =  75.4

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

    0.0   -1.64   -1.64   30.45   24.51   343.3   0.000   1435.2
    5.0   -1.64   -1.64   30.45   24.51   343.3   0.017   1435.3
    5.4   -1.64   -1.64   30.45   24.51   343.3   0.019   1435.3
   10.0   -1.64   -1.64   30.45   24.51   343.2   0.035   1435.4
   15.0   -1.64   -1.64   30.45   24.51   343.1   0.052   1435.4
   20.0   -1.64   -1.64   30.45   24.51   343.1   0.069   1435.5
   25.0   -1.64   -1.64   30.45   24.51   343.0   0.086   1435.6
   30.0   -1.64   -1.64   30.45   24.51   342.9   0.104   1435.7
   35.0   -1.64   -1.64   30.45   24.51   342.9   0.121   1435.8
   40.0   -1.64   -1.64   30.45   24.51   342.8   0.138   1435.8
   45.0   -1.64   -1.64   30.45   24.51   342.7   0.155   1435.9
   50.0   -1.64   -1.64   30.45   24.51   342.7   0.173   1436.0
   55.0   -1.64   -1.64   30.46   24.51   342.2   0.190   1436.1
   60.0   -1.41   -1.41   30.90   24.87   308.3   0.206   1437.9
   65.0   -1.16   -1.16   31.35   25.23   274.4   0.221   1439.8
   70.0   -1.08   -1.08   31.66   25.48   250.4   0.234   1440.7
   80.0   -1.13   -1.13   31.94   25.71   228.7   0.258   1441.0
   90.0   -1.26   -1.26   32.19   25.91   209.1   0.280   1440.9
  100.0   -1.33   -1.33   32.36   26.05   196.0   0.301   1441.0
  110.0   -1.38   -1.39   32.50   26.16   185.3   0.320   1441.1
  120.0   -1.42   -1.42   32.60   26.25   177.0   0.338   1441.2
  130.0   -1.45   -1.45   32.71   26.33   169.0   0.356   1441.4
  140.0   -1.47   -1.47   32.80   26.41   161.9   0.373   1441.6
  150.0   -1.48   -1.48   32.89   26.48   155.0   0.389   1441.8
  160.0   -1.50   -1.50   32.97   26.55   148.3   0.404   1442.0
  170.0   -1.50   -1.51   33.05   26.61   142.0   0.418   1442.3
  180.0   -1.50   -1.51   33.14   26.68   135.4   0.432   1442.6
  190.0   -1.48   -1.49   33.23   26.76   128.1   0.446   1443.0
  200.0   -1.46   -1.46   33.33   26.84   120.6   0.458   1443.4
  210.0   -1.41   -1.41   33.45   26.93   111.7   0.470   1444.0
  220.0   -1.30   -1.31   33.61   27.06   100.1   0.481   1444.8
  230.0   -1.16   -1.16   33.80   27.21    85.5   0.490   1446.0
  240.0   -0.99   -1.00   34.00   27.36    71.5   0.498   1447.3
  250.0   -0.83   -0.84   34.14   27.47    60.8   0.505   1448.3
  260.0   -0.65   -0.66   34.29   27.58    50.6   0.510   1449.5
  270.0   -0.51   -0.52   34.38   27.65    44.0   0.515   1450.5
  280.0   -0.37   -0.38   34.47   27.72    38.4   0.519   1451.4
  290.0   -0.24   -0.25   34.53   27.76    34.3   0.523   1452.2
  300.0   -0.13   -0.14   34.58   27.80    31.0   0.526   1453.0
  310.0   -0.05   -0.06   34.62   27.82    28.6   0.529   1453.6
  320.0    0.03    0.02   34.66   27.85    26.2   0.532   1454.2
  330.0    0.11    0.09   34.69   27.87    24.4   0.535   1454.7
  340.0    0.16    0.15   34.71   27.88    23.0   0.537   1455.2
  350.0    0.21    0.19   34.73   27.90    21.8   0.539   1455.5
  370.0    0.27    0.25   34.76   27.91    20.1   0.544   1456.2
  390.0    0.32    0.31   34.78   27.93    18.9   0.547   1456.8
  410.0    0.35    0.33   34.79   27.94    17.9   0.551   1457.3
  430.0    0.39    0.38   34.81   27.95    17.2   0.555   1457.8
  450.0    0.41    0.39   34.81   27.95    16.7   0.558   1458.3
  470.0    0.44    0.42   34.83   27.96    16.0   0.561   1458.7
  490.0    0.46    0.44   34.83   27.97    15.5   0.565   1459.2
  510.0    0.46    0.44   34.84   27.97    15.2   0.568   1459.5
  530.0    0.45    0.43   34.84   27.98    14.8   0.571   1459.8
  550.0    0.45    0.42   34.85   27.98    14.6   0.574   1460.1
  570.0    0.42    0.40   34.85   27.98    14.2   0.577   1460.3
  590.0    0.40    0.38   34.85   27.99    13.7   0.579   1460.6
  610.0    0.39    0.36   34.86   27.99    13.6   0.582   1460.9
  630.0    0.37    0.34   34.86   27.99    13.2   0.585   1461.1
  650.0    0.34    0.31   34.86   27.99    13.0   0.588   1461.3
  670.0    0.31    0.28   34.86   28.00    12.5   0.590   1461.5
  690.0    0.29    0.25   34.86   28.00    12.3   0.593   1461.8
  710.0    0.26    0.23   34.87   28.00    12.0   0.595   1462.0
  729.2    0.23    0.20   34.87   28.01    11.4   0.597   1462.2

                        DEPTH      TEMP.       SALIN

      BOT NUM = 1         5.0      -1.66       30.44
      BOT NUM = 2        50.4                  30.44
      BOT NUM = 3       249.5      -0.79       34.17
      BOT NUM = 4       490.8       0.46
      BOT NUM = 5       731.6       0.23       34.84
```

```
BIG BEAR STATION 215(2) STD  29/MAY/1975  510 GMT  CODE = 2
LAT = 76.3197N LNG = 146.4145W LTER =     1. LGER =     2.
AIR TEMP =  -6.1 BARUM = 1030.2 WIND = 106.4 SPEED =  62.7

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

    0.0   -1.62   -1.62   30.46   24.52   342.7   0.000   1435.3
    5.0   -1.62   -1.62   30.46   24.52   342.6   0.017   1435.4
    5.0   -1.62   -1.62   30.46   24.52   342.6   0.017   1435.4
   10.0   -1.63   -1.63   30.46   24.52   342.5   0.034   1435.4
   15.0   -1.63   -1.63   30.46   24.52   342.4   0.052   1435.5
   20.0   -1.63   -1.63   30.46   24.52   342.3   0.069   1435.6
   25.0   -1.63   -1.63   30.46   24.52   342.2   0.086   1435.7
   30.0   -1.63   -1.63   30.46   24.52   342.1   0.103   1435.7
   35.0   -1.63   -1.63   30.46   24.52   342.0   0.121   1435.8
   40.0   -1.63   -1.63   30.46   24.52   342.0   0.138   1435.9
   45.0   -1.63   -1.63   30.46   24.52   341.8   0.155   1436.0
   50.0   -1.62   -1.62   30.46   24.52   341.7   0.172   1436.1
   55.0   -1.63   -1.63   30.46   24.52   341.5   0.190   1436.2
   60.0   -1.62   -1.62   30.48   24.53   340.3   0.207   1436.3
   65.0   -1.27   -1.27   31.03   24.97   298.5   0.223   1438.8
   70.0   -1.09   -1.09   31.39   25.26   271.2   0.237   1440.3
   80.0   -1.06   -1.06   31.89   25.66   233.1   0.263   1441.3
   90.0   -1.21   -1.21   32.11   25.85   215.5   0.285   1441.0
  100.0   -1.30   -1.30   32.28   25.98   202.6   0.306   1441.0
  110.0   -1.35   -1.35   32.42   26.09   191.8   0.326   1441.1
  120.0   -1.40   -1.40   32.56   26.21   180.6   0.345   1441.3
  130.0   -1.43   -1.43   32.67   26.30   171.8   0.363   1441.5
  140.0   -1.45   -1.45   32.76   26.38   164.7   0.380   1441.6
  150.0   -1.47   -1.47   32.85   26.45   158.2   0.396   1441.8
  160.0   -1.48   -1.48   32.93   26.51   151.9   0.412   1442.1
  170.0   -1.49   -1.50   33.02   26.59   144.4   0.427   1442.3
  180.0   -1.49   -1.50   33.10   26.65   138.3   0.441   1442.6
  190.0   -1.48   -1.49   33.20   26.73   130.6   0.454   1442.9
  200.0   -1.47   -1.47   33.31   26.82   122.6   0.467   1443.3
  210.0   -1.43   -1.43   33.43   26.92   113.0   0.479   1443.9
  220.0   -1.35   -1.35   33.57   27.02   103.1   0.490   1444.6
  230.0   -1.20   -1.21   33.76   27.18    88.5   0.500   1445.7
  240.0   -1.02   -1.03   33.95   27.33    74.7   0.508   1447.0
  250.0   -0.85   -0.85   34.14   27.47    60.8   0.515   1448.2
  260.0   -0.64   -0.65   34.29   27.59    50.4   0.520   1449.5
  270.0   -0.50   -0.51   34.40   27.66    43.2   0.525   1450.5
  280.0   -0.38   -0.39   34.47   27.72    38.4   0.529   1451.3
  290.0   -0.26   -0.27   34.53   27.76    34.4   0.533   1452.1
  300.0   -0.17   -0.18   34.57   27.79    31.9   0.536   1452.8
  310.0   -0.06   -0.08   34.61   27.82    29.1   0.539   1453.5
  320.0    0.00   -0.01   34.65   27.84    26.9   0.542   1454.0
  330.0    0.05    0.04   34.67   27.86    25.3   0.545   1454.4
  340.0    0.10    0.09   34.70   27.88    23.6   0.547   1454.9
  350.0    0.16    0.15   34.72   27.89    22.4   0.550   1455.3
  370.0    0.26    0.24   34.75   27.91    20.2   0.554   1456.1
  390.0    0.31    0.30   34.78   27.93    18.7   0.558   1456.8
  410.0    0.36    0.34   34.80   27.94    17.6   0.562   1457.3
  430.0    0.40    0.38   34.81   27.95    16.9   0.565   1457.9
  450.0    0.42    0.40   34.82   27.96    16.3   0.568   1458.3
  470.0    0.44    0.42   34.83   27.97    15.6   0.572   1458.8
  490.0    0.46    0.44   34.84   27.97    15.2   0.575   1459.2
  510.0    0.47    0.44   34.84   27.97    14.8   0.578   1459.5
  530.0    0.46    0.44   34.85   27.98    14.6   0.581   1459.9
  550.0    0.45    0.43   34.85   27.98    14.2   0.584   1460.2
  570.0    0.43    0.41   34.86   27.99    13.8   0.586   1460.4
  590.0    0.41    0.38   34.86   27.99    13.5   0.589   1460.6
  610.0    0.40    0.37   34.86   27.99    13.2   0.592   1460.9
  630.0    0.37    0.35   34.86   28.00    12.9   0.595   1461.2
  650.0    0.35    0.32   34.87   28.00    12.6   0.597   1461.4
  670.0    0.32    0.29   34.87   28.00    12.1   0.600   1461.6
  690.0    0.29    0.25   34.87   28.01    11.9   0.602   1461.8
  710.0    0.26    0.23   34.87   28.01    11.5   0.604   1462.0

                        DEPTH      TEMP.       SALIN

      BOT NUM = 1         5.1      -1.66       30.44
      BOT NUM = 2        45.3                  30.47
      BOT NUM = 3       250.6      -0.79       34.18
      BOT NUM = 4       498.8       0.46       34.84
      BOT NUM = 5       731.6       0.23       34.84
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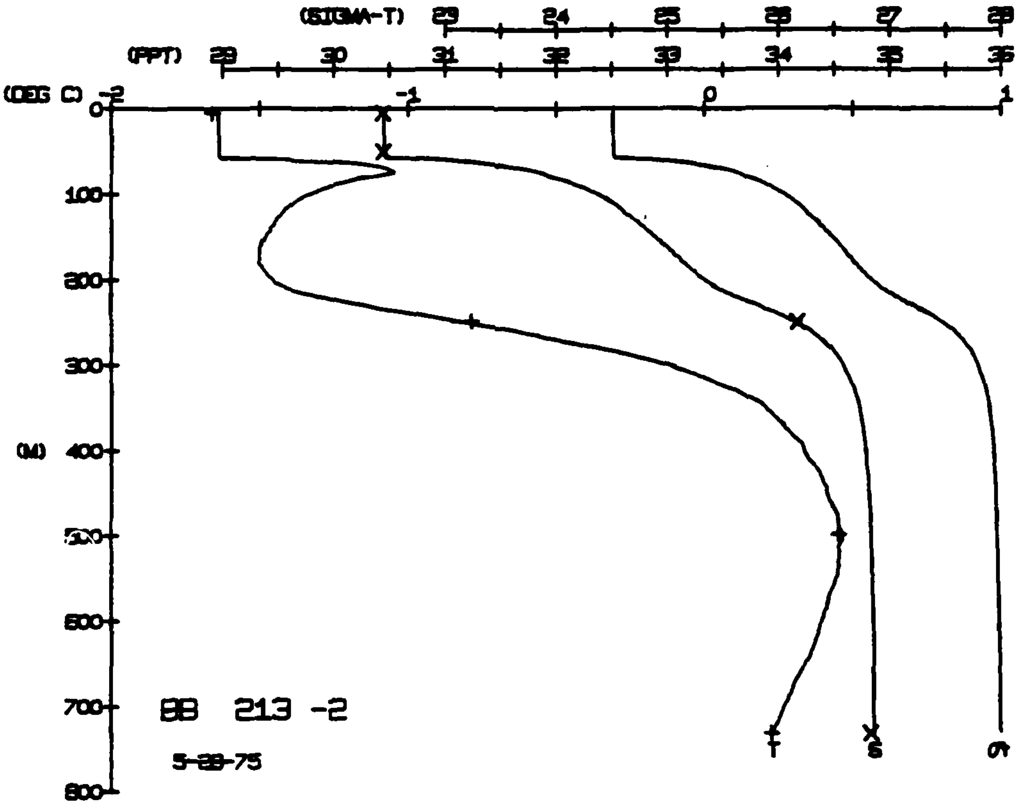

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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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300
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600
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800
BB 213 -2
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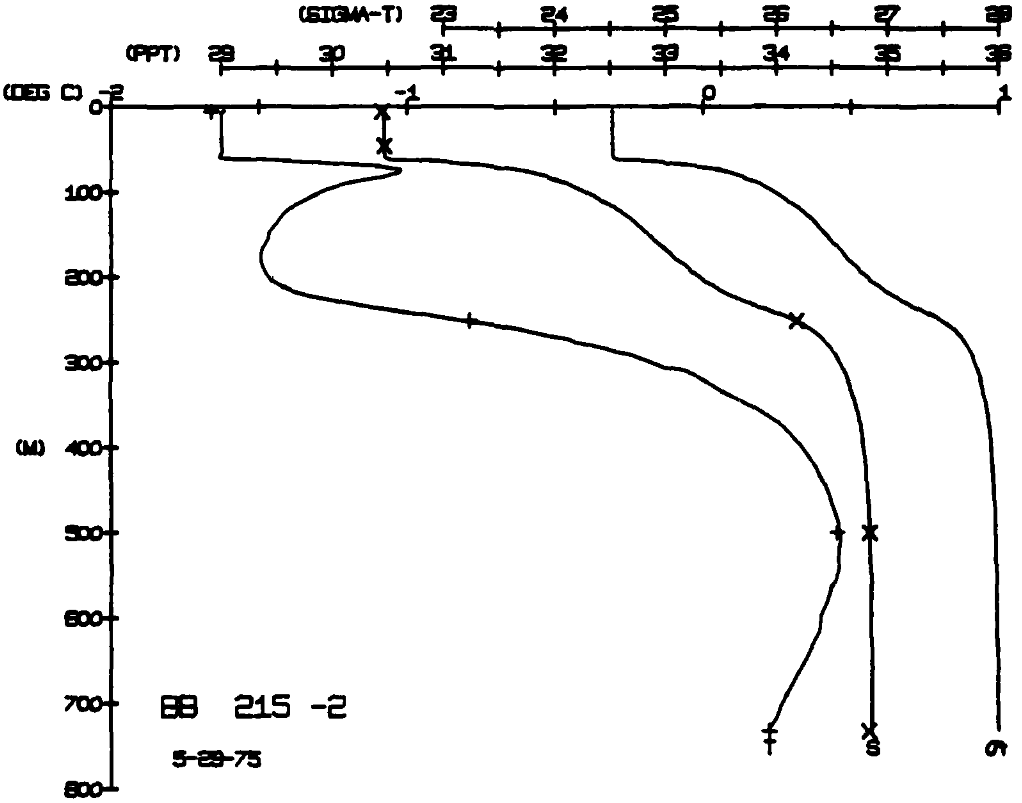

(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 215 -2
5-28-75
T
S
σt

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BIG BEAR STATION 217(1) STD  29/MAY/1975 1854 GMT  CODE = 2
LAT = 76.3400N LNG = 146.5737W LTER =     1, LGER =     2,
AIR TEMP =  -6.1 BAROM = 1034.8 WIND = 106.4 SPEED =  62.7

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.65  -1.65   30.46   24.52   342.8   0.000   1435.1
   5.0   -1.65  -1.65   30.46   24.52   342.7   0.017   1435.2
   6.0   -1.65  -1.65   30.46   24.52   342.7   0.023   1435.2
  10.0   -1.65  -1.65   30.46   24.52   342.6   0.035   1435.3
  15.0   -1.65  -1.65   30.46   24.52   342.6   0.052   1435.4
  20.0   -1.65  -1.65   30.46   24.52   342.5   0.069   1435.5
  25.0   -1.65  -1.65   30.46   24.52   342.4   0.086   1435.5
  30.0   -1.65  -1.65   30.46   24.52   342.2   0.103   1435.6
  35.0   -1.65  -1.65   30.46   24.52   342.2   0.121   1435.7
  40.0   -1.65  -1.65   30.46   24.52   342.1   0.138   1435.8
  45.0   -1.65  -1.65   30.46   24.52   342.0   0.155   1435.9
  50.0   -1.65  -1.65   30.46   24.52   341.8   0.172   1436.0
  55.0   -1.57  -1.57   30.47   24.53   339.9   0.190   1436.5
  60.0   -1.19  -1.19   31.32   25.20   277.1   0.205   1438.9
  65.0   -1.07  -1.07   31.67   25.49   249.9   0.218   1440.7
  70.0   -1.07  -1.08   31.86   25.64   235.6   0.231   1441.0
  80.0   -1.21  -1.21   32.09   25.83   217.4   0.254   1440.8
  90.0   -1.30  -1.31   32.26   25.97   204.1   0.275   1440.8
 100.0   -1.37  -1.37   32.49   26.08   192.8   0.295   1440.9
 110.0   -1.40  -1.41   32.53   26.19   182.8   0.314   1441.0
 120.0   -1.44  -1.44   32.62   26.26   175.5   0.332   1441.2
 130.0   -1.46  -1.46   32.74   26.36   166.5   0.349   1441.4
 140.0   -1.48  -1.48   32.84   26.44   158.4   0.365   1441.6
 150.0   -1.51  -1.51   32.95   26.53   150.2   0.381   1441.8
 160.0   -1.52  -1.52   33.04   26.61   142.8   0.396   1442.0
 170.0   -1.51  -1.52   33.15   26.69   134.6   0.410   1442.4
 180.0   -1.49  -1.49   33.26   26.78   126.0   0.423   1442.8
 190.0   -1.44  -1.44   33.41   26.90   114.8   0.435   1443.4
 200.0   -1.35  -1.36   33.58   27.02   103.4   0.446   1444.2
 210.0   -1.22  -1.23   33.78   27.18    88.7   0.456   1445.3
 220.0   -1.04  -1.05   33.95   27.33    74.7   0.464   1446.5
 230.0   -0.85  -0.85   34.14   27.47    61.3   0.471   1447.9
 240.0   -0.70  -0.71   34.25   27.56    53.1   0.477   1448.9
 250.0   -0.58  -0.59   34.36   27.64    45.5   0.482   1449.8
 260.0   -0.45  -0.46   34.44   27.70    40.0   0.486   1450.7
 270.0   -0.33  -0.34   34.50   27.74    36.0   0.490   1451.5
 280.0   -0.20  -0.21   34.56   27.78    32.4   0.493   1452.3
 290.0   -0.10  -0.11   34.60   27.81    29.6   0.496   1453.0
 300.0   -0.03  -0.04   34.64   27.84    27.0   0.499   1453.5
 310.0    0.05   0.03   34.67   27.86    24.9   0.502   1454.1
 320.0    0.10   0.09   34.70   27.88    23.4   0.504   1454.5
 330.0    0.15   0.14   34.72   27.89    22.1   0.507   1455.0
 340.0    0.20   0.19   34.74   27.90    21.1   0.509   1455.3
 350.0    0.24   0.22   34.75   27.91    20.1   0.511   1455.7
 370.0    0.30   0.28   34.78   27.93    18.6   0.515   1456.4
 390.0    0.34   0.32   34.80   27.94    17.5   0.518   1456.9
 410.0    0.37   0.35   34.81   27.95    16.8   0.522   1457.4
 430.0    0.39   0.37   34.82   27.96    16.4   0.525   1457.8
 450.0    0.41   0.39   34.82   27.96    16.0   0.529   1458.3
 470.0    0.44   0.42   34.83   27.97    15.6   0.532   1458.7
 490.0    0.45   0.42   34.84   27.97    15.0   0.535   1459.1
 510.0    0.45   0.43   34.84   27.98    14.7   0.538   1459.5
 530.0    0.45   0.43   34.85   27.98    14.4   0.541   1459.8
 550.0    0.44   0.42   34.85   27.98    14.0   0.544   1460.1
 570.0    0.42   0.39   34.86   27.99    13.6   0.546   1460.4
 590.0    0.40   0.37   34.86   27.99    13.2   0.549   1460.6
 610.0    0.37   0.35   34.86   28.00    12.9   0.552   1460.8
 630.0    0.35   0.32   34.86   28.00    12.7   0.554   1461.0
 650.0    0.33   0.30   34.87   28.00    12.2   0.557   1461.3
 670.0    0.32   0.29   34.87   28.00    12.2   0.559   1461.6
 690.0    0.28   0.25   34.87   28.01    11.8   0.562   1461.7
 710.0    0.25   0.22   34.87   28.01    11.4   0.564   1462.0

                     DEPTH       TEMP.       SALIN

      BOT NUM = 1      4.6       -1.65       30.44
      BOT NUM = 2     47.9                   30.46
      BOT NUM = 3    251.0       -0.73       34.22
      BOT NUM = 4    497.3        0.46
      BOT NUM = 5    729.3        0.23       34.84
```

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BIG BEAR STATION 219(1) STD  30/MAY/1975  509 GMT  CODE = 2
LAT = 76.3727N LNG = 146.7313W LTER =   379. LGER =   396.
AIR TEMP =         BAROM = 1036.3 WIND =         SPEED =

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.65  -1.65   30.46   24.52   342.6   0.000   1435.2
   5.0   -1.65  -1.65   30.46   24.52   342.5   0.017   1435.2
   5.5   -1.65  -1.65   30.46   24.52   342.5   0.019   1435.2
  10.0   -1.65  -1.65   30.46   24.52   342.5   0.034   1435.3
  15.0   -1.65  -1.65   30.46   24.52   342.4   0.052   1435.4
  20.0   -1.65  -1.65   30.46   24.52   342.3   0.069   1435.5
  25.0   -1.65  -1.65   30.46   24.52   342.2   0.086   1435.6
  30.0   -1.65  -1.65   30.46   24.52   342.0   0.103   1435.7
  35.0   -1.65  -1.65   30.46   24.52   341.9   0.121   1435.7
  40.0   -1.64  -1.64   30.46   24.52   341.9   0.138   1435.8
  45.0   -1.65  -1.65   30.46   24.52   341.8   0.155   1435.9
  50.0   -1.64  -1.65   30.46   24.52   341.7   0.172   1436.0
  55.0   -1.64  -1.64   30.47   24.53   341.3   0.190   1436.1
  60.0   -1.25  -1.25   31.08   25.01   294.7   0.206   1438.9
  65.0   -1.08  -1.08   31.49   25.34   264.1   0.220   1440.4
  70.0   -1.03  -1.03   31.72   25.52   246.4   0.237   1441.0
  80.0   -1.13  -1.13   31.97   25.72   227.1   0.256   1441.1
  90.0   -1.28  -1.28   32.19   25.91   209.2   0.278   1440.8
 100.0   -1.34  -1.34   32.38   26.06   194.8   0.299   1441.0
 110.0   -1.39  -1.39   32.50   26.17   185.0   0.318   1441.1
 120.0   -1.43  -1.43   32.62   26.26   176.2   0.336   1441.2
 130.0   -1.45  -1.46   32.72   26.34   168.3   0.353   1441.4
 140.0   -1.48  -1.48   32.81   26.42   160.9   0.370   1441.6
 150.0   -1.50  -1.50   32.91   26.50   153.1   0.386   1441.8
 160.0   -1.50  -1.51   33.00   26.57   145.9   0.401   1442.1
 170.0   -1.50  -1.51   33.10   26.65   138.5   0.415   1442.4
 180.0   -1.49  -1.49   33.20   26.74   130.4   0.429   1442.7
 190.0   -1.45  -1.46   33.34   26.85   120.0   0.442   1443.3
 200.0   -1.39  -1.40   33.49   26.96   108.9   0.453   1443.9
 210.0   -1.27  -1.27   33.69   27.12    93.7   0.463   1445.0
 220.0   -1.10  -1.11   33.88   27.27    79.7   0.472   1446.2
 230.0   -0.93  -0.94   34.08   27.43    65.2   0.479   1447.4
 240.0   -0.76  -0.77   34.22   27.53    55.6   0.485   1448.6
 250.0   -0.58  -0.59   34.34   27.62    47.0   0.491   1449.7
 260.0   -0.49  -0.50   34.41   27.68    41.8   0.495   1450.4
 270.0   -0.36  -0.37   34.48   27.73    37.2   0.499   1451.3
 280.0   -0.24  -0.25   34.55   27.77    33.0   0.503   1452.1
 290.0   -0.15  -0.16   34.59   27.81    30.1   0.506   1452.8
 300.0   -0.05  -0.06   34.63   27.83    27.7   0.509   1453.4
 310.0    0.03   0.02   34.67   27.86    25.5   0.511   1454.0
 320.0    0.10   0.08   34.69   27.87    23.9   0.514   1454.5
 330.0    0.15   0.13   34.71   27.89    22.5   0.516   1454.9
 340.0    0.20   0.18   34.73   27.90    21.3   0.519   1455.3
 350.0    0.24   0.23   34.75   27.91    20.2   0.521   1455.7
 370.0    0.30   0.28   34.78   27.93    18.8   0.525   1456.4
 390.0    0.34   0.32   34.79   27.94    17.6   0.528   1456.9
 410.0    0.38   0.36   34.81   27.95    16.8   0.532   1457.4
 430.0    0.40   0.38   34.82   27.96    16.3   0.535   1457.9
 450.0    0.43   0.41   34.83   27.97    15.5   0.538   1458.4
 470.0    0.45   0.43   34.84   27.97    15.1   0.541   1458.8
 490.0    0.46   0.43   34.84   27.97    14.8   0.544   1459.2
 510.0    0.45   0.43   34.85   27.98    14.5   0.547   1459.5
 530.0    0.44   0.42   34.85   27.98    14.0   0.550   1459.8
 550.0    0.42   0.39   34.85   27.99    13.8   0.553   1460.0
 570.0    0.40   0.38   34.86   27.99    13.5   0.556   1460.3
 590.0    0.38   0.36   34.86   27.99    13.0   0.558   1460.5
 610.0    0.36   0.33   34.86   28.00    12.8   0.561   1460.8
 630.0    0.34   0.31   34.86   28.00    12.5   0.564   1461.0
 650.0    0.31   0.28   34.86   28.00    12.3   0.566   1461.2
 670.0    0.27   0.24   34.87   28.00    12.0   0.569   1461.4
 690.0    0.24   0.21   34.87   28.01    11.7   0.571   1461.6
 710.0    0.22   0.19   34.87   28.01    11.4   0.573   1461.8
 729.0    0.22   0.19   34.87   28.01    11.0   0.576   1462.1

                     DEPTH       TEMP.       SALIN

      BOT NUM = 1      4.8       -1.64       30.44
      BOT NUM = 2     34.6                   30.46
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      BOT NUM = 4    498.7        0.47
      BOT NUM = 5    728.2        0.25       34.83
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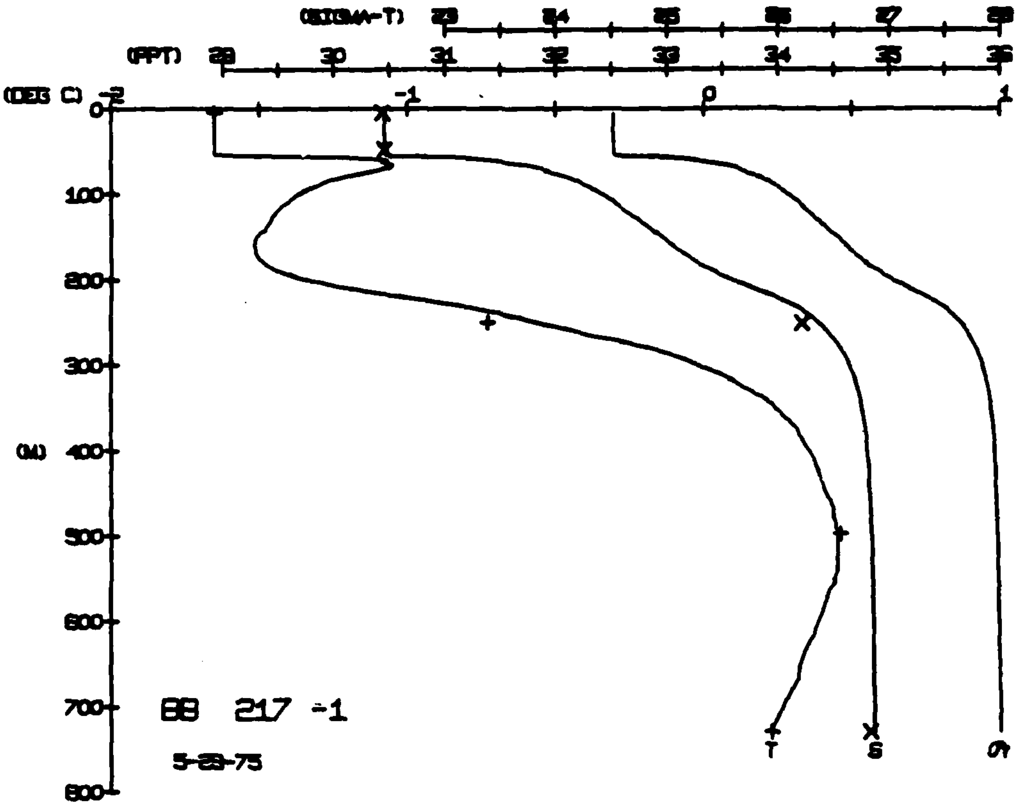
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(M) 400
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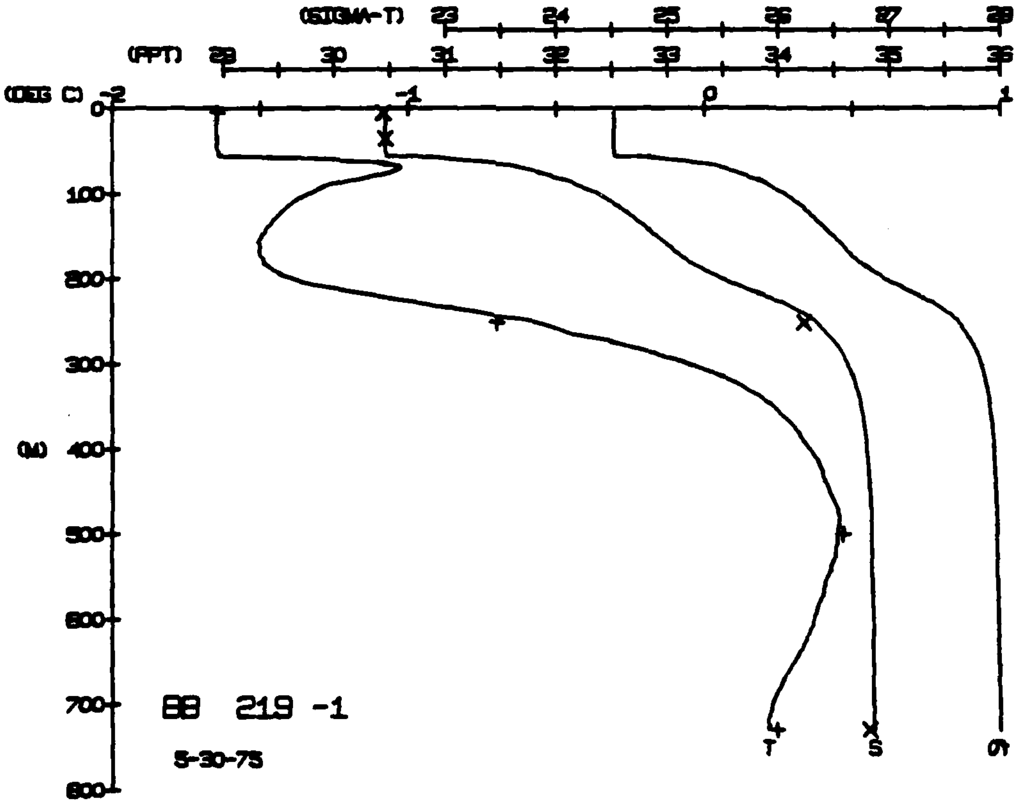
σt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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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100
200
300
(M) 400
500
600
700
800
BB 219 -1
5-30-75
T
S
σt

```
BIG BEAR STATION 221(1) STD  30/MAY/1975 1645 GMT  CODE = 2
LAT = 76.3972N LNG = 146.8440W LTER =   483. LGER =   981.
AIR TEMP =        BAROM = 1038.0 WIND =         SPEED =

 DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.64  -1.64  30.47  24.53  341.4  0.000  1435.2
   5.0  -1.64  -1.64  30.47  24.53  341.4  0.017  1435.3
   7.4  -1.64  -1.64  30.47  24.53  341.3  0.025  1435.3
  10.0  -1.64  -1.64  30.47  24.53  341.3  0.034  1435.4
  15.0  -1.64  -1.64  30.47  24.53  341.2  0.052  1435.4
  20.0  -1.64  -1.64  30.47  24.53  341.1  0.069  1435.5
  25.0  -1.64  -1.64  30.47  24.53  341.1  0.086  1435.6
  30.0  -1.64  -1.64  30.47  24.53  341.0  0.103  1435.7
  35.0  -1.64  -1.64  30.48  24.53  340.9  0.120  1435.8
  40.0  -1.64  -1.65  30.48  24.53  340.7  0.137  1435.9
  45.0  -1.64  -1.65  30.48  24.53  340.7  0.155  1435.9
  50.0  -1.64  -1.65  30.48  24.53  340.5  0.172  1436.0
  55.0  -1.65  -1.65  30.49  24.54  339.9  0.189  1436.1
  60.0  -1.65  -1.65  30.49  24.54  339.5  0.206  1436.2
  65.0  -1.41  -1.41  30.86  24.84  311.4  0.222  1437.9
  70.0  -1.15  -1.15  31.30  25.19  278.4  0.237  1439.9
  80.0  -1.07  -1.08  31.82  25.60  238.7  0.263  1441.1
  90.0  -1.21  -1.21  32.11  25.84  216.0  0.286  1441.0
 100.0  -1.30  -1.30  32.28  25.98  202.6  0.307  1441.0
 110.0  -1.36  -1.36  32.42  26.10  191.3  0.327  1441.1
 120.0  -1.40  -1.41  32.55  26.20  181.5  0.346  1441.2
 130.0  -1.44  -1.44  32.65  26.28  173.8  0.364  1441.4
 140.0  -1.47  -1.47  32.76  26.37  165.1  0.381  1441.6
 150.0  -1.49  -1.49  32.85  26.45  157.6  0.397  1441.8
 160.0  -1.51  -1.51  32.95  26.53  150.4  0.413  1442.0
 170.0  -1.51  -1.52  33.05  26.62  141.9  0.428  1442.2
 180.0  -1.51  -1.51  33.15  26.69  134.7  0.442  1442.6
 190.0  -1.49  -1.49  33.26  26.78  126.5  0.455  1443.0
 200.0  -1.44  -1.45  33.39  26.89  116.1  0.467  1443.6
 210.0  -1.35  -1.36  33.59  27.03  102.8  0.478  1444.4
 220.0  -1.19  -1.20  33.77  27.19   87.8  0.488  1445.6
 230.0  -1.03  -1.04  33.96  27.33   73.9  0.496  1446.8
 240.0  -0.88  -0.89  34.12  27.46   62.4  0.503  1447.9
 250.0  -0.68  -0.69  34.26  27.57   52.4  0.508  1449.2
 260.0  -0.53  -0.54  34.38  27.66   43.9  0.513  1450.2
 270.0  -0.40  -0.41  34.47  27.72   38.3  0.517  1451.1
 280.0  -0.28  -0.29  34.53  27.76   34.1  0.521  1451.9
 290.0  -0.17  -0.18  34.57  27.79   31.4  0.524  1452.6
 300.0  -0.09  -0.10  34.62  27.82   28.6  0.527  1453.2
 310.0   0.00  -0.01  34.65  27.85   26.2  0.530  1453.8
 320.0   0.07   0.05  34.68  27.87   24.5  0.533  1454.4
 330.0   0.12   0.11  34.71  27.88   22.8  0.535  1454.8
 340.0   0.16   0.15  34.73  27.90   21.7  0.537  1455.2
 350.0   0.19   0.18  34.74  27.91   20.8  0.540  1455.5
 370.0   0.25   0.23  34.76  27.92   19.6  0.544  1456.1
 390.0   0.30   0.28  34.78  27.93   18.4  0.548  1456.7
 410.0   0.34   0.32  34.80  27.95   17.3  0.551  1457.3
 430.0   0.39   0.37  34.81  27.95   16.6  0.555  1457.8
 450.0   0.40   0.38  34.82  27.96   16.2  0.558  1458.2
 470.0   0.42   0.40  34.83  27.97   15.8  0.561  1458.7
 490.0   0.43   0.41  34.84  27.97   14.9  0.564  1459.1
 510.0   0.45   0.43  34.85  27.98   14.5  0.567  1459.5
 530.0   0.44   0.41  34.85  27.98   14.3  0.570  1459.8
 550.0   0.43   0.40  34.85  27.98   13.9  0.573  1460.0
 570.0   0.40   0.38  34.86  27.99   13.5  0.576  1460.3
 590.0   0.39   0.37  34.86  27.99   13.2  0.578  1460.6
 610.0   0.37   0.34  34.86  28.00   12.9  0.581  1460.8
 630.0   0.35   0.32  34.87  28.00   12.5  0.584  1461.0
 650.0   0.32   0.30  34.87  28.00   12.3  0.586  1461.3
 670.0   0.30   0.27  34.87  28.00   11.9  0.588  1461.5
 690.0   0.28   0.24  34.87  28.01   11.6  0.591  1461.7
 710.0   0.24   0.21  34.87  28.01   11.4  0.593  1461.9
 727.3   0.22   0.19  34.87  28.01   11.0  0.595  1462.1

                      DEPTH      TEMP.      SALIN

      BOT NUM = 1       4.4      -1.66      30.44
      BOT NUM = 2      27.3                 30.46
      BOT NUM = 3     249.9      -0.70      34.22
      BOT NUM = 4     496.4       0.47
      BOT NUM = 5     727.1       0.23
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```
BIG BEAR STATION 223(1) STD   1/JUN/1975  523 GMT  CODE = 2
LAT = 76.4270N LNG = 147.1021W LTER =     1. LGER =     2.
AIR TEMP =  -6.3 BAROM = 1034.3 WIND =  67.7 SPEED =  48.2

 DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.65  -1.65  30.47  24.53  341.7  0.000  1435.2
   5.0  -1.65  -1.65  30.47  24.53  341.7  0.017  1435.3
  10.0  -1.65  -1.65  30.47  24.53  341.6  0.034  1435.3
  11.3  -1.65  -1.65  30.47  24.53  341.6  0.039  1435.4
  15.0  -1.65  -1.65  30.47  24.53  341.5  0.052  1435.4
  20.0  -1.65  -1.65  30.47  24.53  341.5  0.069  1435.5
  25.0  -1.65  -1.65  30.47  24.53  341.4  0.086  1435.6
  30.0  -1.65  -1.65  30.47  24.53  341.3  0.103  1435.7
  35.0  -1.65  -1.65  30.47  24.53  341.1  0.120  1435.8
  40.0  -1.65  -1.65  30.48  24.53  340.7  0.138  1435.8
  45.0  -1.66  -1.66  30.48  24.53  340.5  0.155  1435.9
  50.0  -1.66  -1.66  30.48  24.53  340.4  0.172  1436.0
  55.0  -1.66  -1.66  30.49  24.54  339.8  0.189  1436.1
  60.0  -1.65  -1.65  30.49  24.54  339.5  0.206  1436.2
  65.0  -1.29  -1.29  31.06  25.00  296.3  0.222  1438.8
  70.0  -1.12  -1.12  31.51  25.35  262.3  0.236  1440.3
  80.0  -1.14  -1.14  31.97  25.69  230.7  0.261  1440.9
  90.0  -1.22  -1.22  32.13  25.86  213.9  0.283  1441.0
 100.0  -1.31  -1.32  32.30  26.00  200.5  0.304  1441.0
 110.0  -1.38  -1.38  32.44  26.11  190.1  0.324  1441.0
 120.0  -1.41  -1.42  32.56  26.21  180.3  0.343  1441.2
 130.0  -1.45  -1.45  32.68  26.31  171.4  0.360  1441.4
 140.0  -1.47  -1.47  32.78  26.40  163.0  0.377  1441.6
 150.0  -1.49  -1.50  32.89  26.48  154.9  0.393  1441.8
 160.0  -1.51  -1.51  32.99  26.56  147.3  0.409  1442.0
 170.0  -1.51  -1.51  33.06  26.62  141.5  0.423  1442.3
 180.0  -1.51  -1.51  33.17  26.71  132.8  0.437  1442.6
 190.0  -1.49  -1.49  33.28  26.80  124.3  0.450  1443.0
 200.0  -1.43  -1.44  33.44  26.93  112.3  0.462  1443.7
 210.0  -1.33  -1.33  33.62  27.06   99.4  0.473  1444.6
 220.0  -1.20  -1.20  33.79  27.20   86.7  0.482  1445.6
 230.0  -1.00  -1.01  33.99  27.36   71.9  0.490  1447.0
 240.0  -0.83  -0.84  34.17  27.50   58.7  0.497  1448.2
 250.0  -0.65  -0.66  34.29  27.58   50.6  0.502  1449.3
 260.0  -0.55  -0.55  34.39  27.66   43.5  0.507  1450.1
 270.0  -0.39  -0.40  34.48  27.72   37.7  0.511  1451.1
 280.0  -0.28  -0.29  34.52  27.76   34.7  0.515  1451.9
 290.0  -0.18  -0.19  34.58  27.79   31.1  0.518  1452.6
 300.0  -0.09  -0.10  34.61  27.82   28.7  0.521  1453.2
 310.0  -0.01  -0.02  34.65  27.85   26.2  0.524  1453.8
 320.0   0.06   0.05  34.68  27.87   24.3  0.526  1454.3
 330.0   0.12   0.11  34.71  27.89   22.8  0.529  1454.8
 340.0   0.18   0.17  34.73  27.90   21.5  0.531  1455.3
 350.0   0.21   0.19  34.75  27.91   20.2  0.533  1455.6
 370.0   0.28   0.27  34.77  27.93   18.8  0.537  1456.3
 390.0   0.32   0.31  34.79  27.94   17.9  0.541  1456.8
 410.0   0.36   0.34  34.81  27.95   16.8  0.544  1457.4
 430.0   0.40   0.38  34.82  27.96   16.3  0.548  1457.9
 450.0   0.43   0.41  34.83  27.97   15.5  0.551  1458.4
 470.0   0.44   0.42  34.84  27.97   14.9  0.554  1458.8
 490.0   0.46   0.44  34.85  27.98   14.7  0.557  1459.2
 510.0   0.46   0.44  34.85  27.98   14.5  0.560  1459.5
 530.0   0.44   0.42  34.85  27.98   14.2  0.563  1459.8
 550.0   0.45   0.42  34.86  27.98   13.9  0.566  1460.1
 570.0   0.43   0.40  34.86  27.99   13.6  0.568  1460.4
 590.0   0.41   0.38  34.86  27.99   13.0  0.571  1460.6
 610.0   0.39   0.36  34.87  28.00   12.7  0.574  1460.9
 630.0   0.36   0.33  34.87  28.00   12.4  0.576  1461.1
 650.0   0.33   0.30  34.87  28.00   12.0  0.579  1461.3
 670.0   0.30   0.27  34.87  28.01   11.8  0.581  1461.5
 690.0   0.27   0.24  34.87  28.01   11.5  0.583  1461.7
 710.0   0.24   0.21  34.88  28.01   11.0  0.586  1461.9
 728.1   0.22   0.19  34.88  28.01   10.8  0.588  1462.1

                      DEPTH      TEMP.      SALIN

      BOT NUM = 1       4.6      -1.65      30.44
      BOT NUM = 2     250.4      -0.73      34.24
      BOT NUM = 3     495.1       0.49
      BOT NUM = 4     730.0       0.23      34.91
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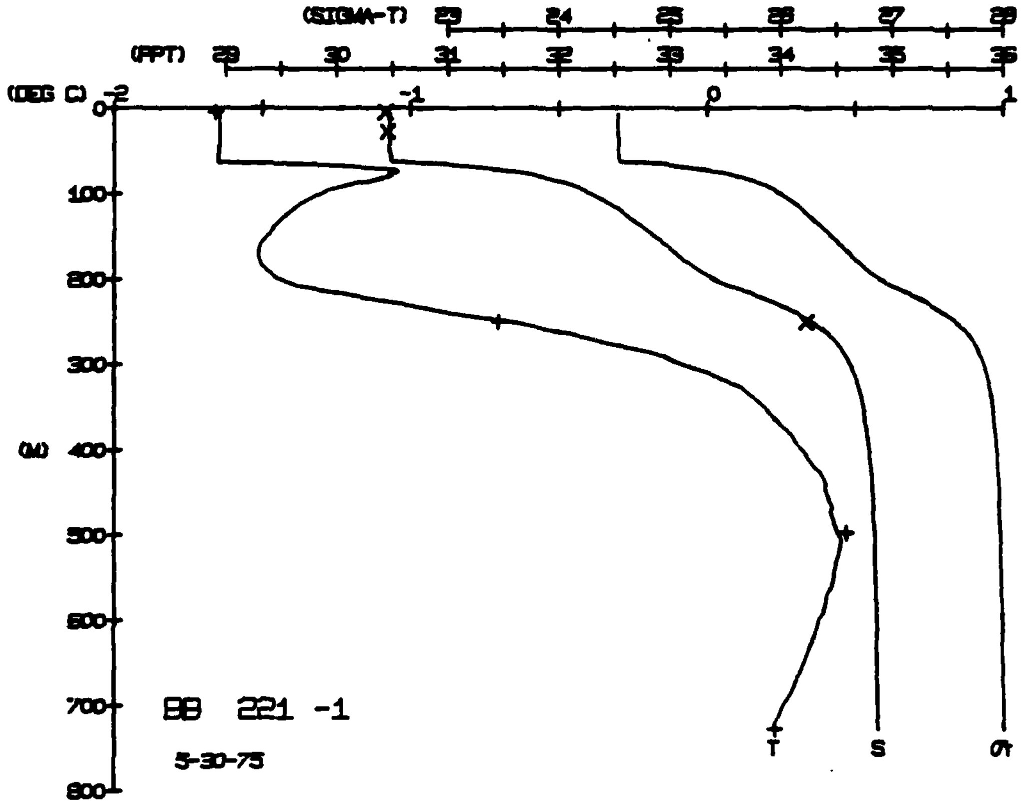
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BB 221 -1
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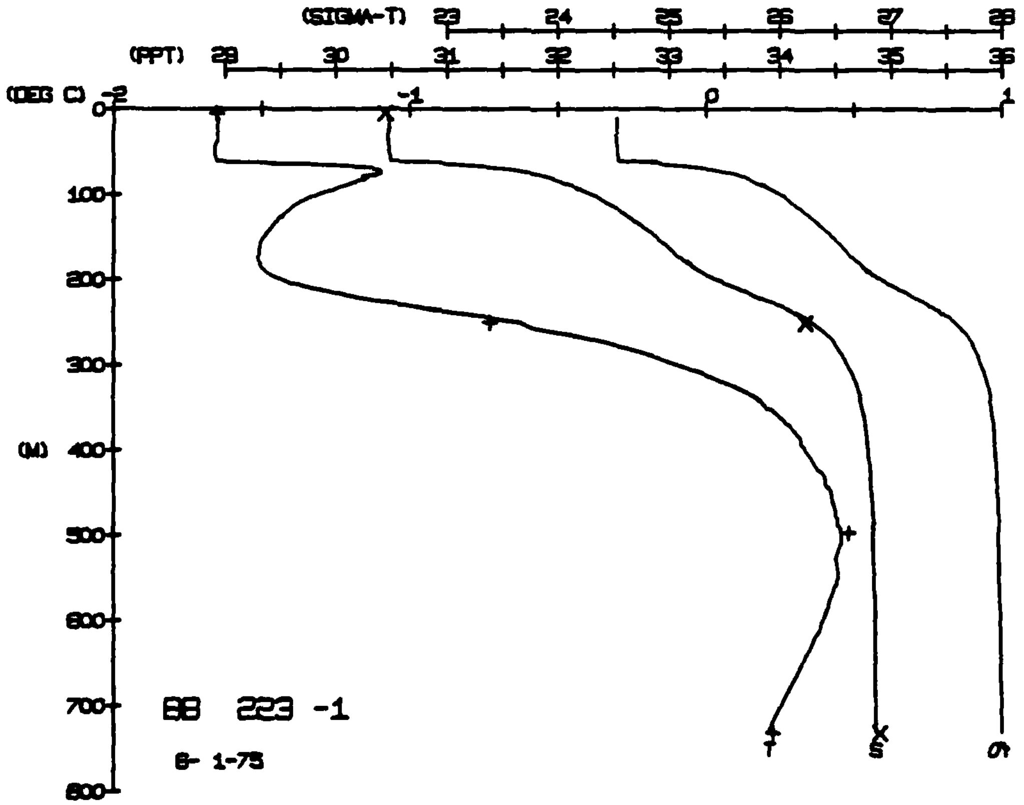
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 223 -1
6- 1-75
T
S
σt

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BIG BEAR STATION 225(1) STD   1/JUN/1975 1732 GMT  CODE = 2
LAT = 76.4291N LNG = 147.1716W LTER =     1, LGER =     2,
AIR TEMP =  -6.3 BAROM = 1031.3 WIND =  67.7 SPEED =  40.2

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.66   -1.66   30.47   24.52   342.0   0.000  1435.1
  5.0   -1.66   -1.66   30.47   24.52   341.9   0.017  1435.2
  7.0   -1.66   -1.66   30.47   24.52   341.9   0.024  1435.2
 10.0   -1.66   -1.66   30.47   24.52   341.9   0.034  1435.3
 15.0   -1.66   -1.66   30.47   24.52   341.8   0.052  1435.3
 20.0   -1.66   -1.66   30.47   24.52   341.7   0.069  1435.4
 25.0   -1.66   -1.66   30.47   24.53   341.5   0.086  1435.5
 30.0   -1.66   -1.66   30.47   24.53   341.6   0.103  1435.6
 35.0   -1.66   -1.66   30.47   24.53   341.4   0.120  1435.7
 40.0   -1.66   -1.67   30.47   24.53   341.2   0.138  1435.7
 45.0   -1.67   -1.67   30.47   24.53   340.8   0.155  1435.8
 50.0   -1.67   -1.67   30.48   24.53   340.4   0.172  1435.9
 55.0   -1.67   -1.67   30.48   24.54   340.2   0.189  1436.0
 60.0   -1.67   -1.68   30.48   24.54   340.1   0.206  1436.0
 65.0   -1.28   -1.29   31.07   25.01   295.4   0.222  1438.8
 70.0   -1.14   -1.14   31.47   25.33   264.8   0.236  1440.1
 80.0   -1.18   -1.18   31.86   25.64   234.9   0.262  1440.7
 90.0   -1.27   -1.27   32.05   25.80   219.9   0.285  1440.7
100.0   -1.35   -1.35   32.30   26.00   200.8   0.306  1440.8
110.0   -1.40   -1.40   32.43   26.11   190.7   0.325  1440.9
120.0   -1.43   -1.44   32.55   26.20   181.3   0.344  1441.1
130.0   -1.47   -1.47   32.67   26.30   172.1   0.362  1441.3
140.0   -1.49   -1.49   32.77   26.39   163.9   0.379  1441.5
150.0   -1.51   -1.51   32.87   26.47   156.2   0.395  1441.7
160.0   -1.52   -1.53   32.96   26.54   148.9   0.411  1441.9
170.0   -1.53   -1.53   33.04   26.61   142.9   0.425  1442.2
180.0   -1.52   -1.53   33.15   26.70   134.2   0.439  1442.5
190.0   -1.50   -1.51   33.29   26.81   124.0   0.452  1443.0
200.0   -1.44   -1.45   33.43   26.92   112.9   0.464  1443.6
210.0   -1.34   -1.34   33.62   27.07    98.9   0.475  1444.5
220.0   -1.18   -1.19   33.81   27.21    85.2   0.484  1445.7
230.0   -1.03   -1.04   33.99   27.36    71.8   0.492  1446.8
240.0   -0.83   -0.84   34.17   27.49    59.1   0.499  1448.2
250.0   -0.67   -0.68   34.29   27.59    50.5   0.504  1449.2
260.0   -0.55   -0.56   34.38   27.65    44.4   0.509  1450.1
270.0   -0.45   -0.46   34.45   27.71    39.1   0.513  1450.9
280.0   -0.33   -0.34   34.51   27.74    35.7   0.517  1451.6
290.0   -0.21   -0.22   34.56   27.79    31.9   0.520  1452.4
300.0   -0.12   -0.13   34.61   27.82    29.1   0.524  1453.1
310.0   -0.04   -0.05   34.64   27.84    27.1   0.526  1453.6
320.0    0.03    0.02   34.67   27.86    25.2   0.529  1454.2
330.0    0.09    0.07   34.70   27.88    23.6   0.531  1454.6
340.0    0.14    0.13   34.72   27.89    22.3   0.534  1455.1
350.0    0.18    0.17   34.73   27.90    21.2   0.536  1455.4
370.0    0.25    0.24   34.76   27.92    19.5   0.540  1456.1
390.0    0.30    0.29   34.78   27.94    18.3   0.544  1456.7
410.0    0.35    0.33   34.80   27.95    17.0   0.547  1457.3
430.0    0.37    0.36   34.81   27.95    16.6   0.551  1457.8
450.0    0.40    0.38   34.82   27.96    16.0   0.554  1458.2
470.0    0.42    0.40   34.83   27.97    15.4   0.557  1458.6
490.0    0.43    0.40   34.84   27.97    14.9   0.560  1459.0
510.0    0.42    0.40   34.84   27.98    14.6   0.563  1459.4
530.0    0.43    0.41   34.85   27.98    14.4   0.566  1459.7
550.0    0.42    0.39   34.85   27.98    14.1   0.569  1460.0
570.0    0.39    0.36   34.85   27.99    13.8   0.572  1460.2
590.0    0.37    0.35   34.86   27.99    13.3   0.575  1460.5
610.0    0.35    0.32   34.86   27.99    13.1   0.577  1460.7
630.0    0.32    0.30   34.86   28.00    12.8   0.580  1460.9
650.0    0.30    0.27   34.86   28.00    12.4   0.583  1461.2
670.0    0.28    0.25   34.87   28.00    12.0   0.585  1461.4
690.0    0.26    0.23   34.87   28.01    11.4   0.587  1461.7
710.0    0.25    0.21   34.87   28.01    11.2   0.590  1461.9
729.0    0.22    0.18   34.88   28.01    10.9   0.592  1462.1

                        DEPTH     TEMP.      SALIN

      BOT NUM = 1         4.8     -1.62      30.44
      BUT NUM = 2       250.6     -0.69      34.23
      BOT NUM = 3       727.9      0.23
      BOT NUM = 4       729.0      0.23      34.85
```

```
BIG BEAR STATION 227(1) STD   2/JUN/1975  500 GMT  CODE = 2
LAT = 76.4302N LNG = 147.2910W LTER =     1, LGER =     2,
AIR TEMP =  -5.7 BAROM = 1027.8 WIND =  69.4 SPEED =  54.6

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.64   -1.64   30.48   24.54   340.8   0.000  1435.2
  5.0   -1.64   -1.64   30.48   24.54   340.8   0.017  1435.3
  6.6   -1.64   -1.64   30.48   24.54   340.7   0.023  1435.3
 10.0   -1.64   -1.64   30.48   24.54   340.7   0.034  1435.4
 15.0   -1.64   -1.64   30.48   24.54   340.6   0.051  1435.5
 20.0   -1.64   -1.64   30.48   24.54   340.6   0.069  1435.5
 25.0   -1.64   -1.64   30.48   24.54   340.5   0.086  1435.6
 30.0   -1.64   -1.64   30.48   24.54   340.3   0.103  1435.7
 35.0   -1.64   -1.64   30.49   24.54   340.1   0.120  1435.8
 40.0   -1.65   -1.65   30.50   24.55   339.0   0.137  1435.9
 45.0   -1.65   -1.65   30.51   24.56   338.5   0.154  1436.0
 50.0   -1.65   -1.65   30.51   24.56   338.2   0.171  1436.1
 55.0   -1.65   -1.65   30.51   24.56   338.0   0.188  1436.1
 60.0   -1.64   -1.64   30.52   24.57   336.9   0.205  1436.3
 65.0   -1.27   -1.27   31.14   25.06   290.5   0.221  1439.0
 70.0   -1.09   -1.09   31.51   25.36   262.1   0.235  1440.4
 80.0   -1.14   -1.14   31.94   25.70   229.0   0.260  1441.0
 90.0   -1.26   -1.27   32.19   25.91   209.2   0.282  1440.9
100.0   -1.32   -1.32   32.33   26.03   198.1   0.302  1441.0
110.0   -1.37   -1.38   32.47   26.14   187.7   0.322  1441.1
120.0   -1.42   -1.42   32.59   26.24   177.9   0.340  1441.2
130.0   -1.45   -1.45   32.70   26.32   169.9   0.358  1441.4
140.0   -1.48   -1.48   32.81   26.42   161.0   0.375  1441.6
150.0   -1.50   -1.50   32.89   26.48   154.7   0.390  1441.8
160.0   -1.51   -1.52   32.99   26.57   146.6   0.406  1442.0
170.0   -1.52   -1.52   33.09   26.65   139.0   0.420  1442.3
180.0   -1.50   -1.50   33.20   26.73   130.9   0.434  1442.7
190.0   -1.47   -1.48   33.32   26.83   121.3   0.446  1443.2
200.0   -1.41   -1.42   33.48   26.95   109.7   0.458  1443.8
210.0   -1.30   -1.30   33.65   27.09    96.5   0.469  1444.8
220.0   -1.15   -1.15   33.85   27.25    81.7   0.478  1445.9
230.0   -0.96   -0.97   34.06   27.41    67.1   0.485  1447.2
240.0   -0.78   -0.79   34.21   27.52    56.2   0.491  1448.5
250.0   -0.62   -0.62   34.33   27.61    47.9   0.496  1449.6
260.0   -0.48   -0.49   34.42   27.68    41.5   0.501  1450.5
270.0   -0.37   -0.38   34.49   27.73    36.8   0.505  1451.2
280.0   -0.27   -0.28   34.54   27.77    33.7   0.509  1451.9
290.0   -0.19   -0.20   34.58   27.80    30.7   0.512  1452.5
300.0   -0.12   -0.13   34.62   27.83    28.1   0.515  1453.1
310.0   -0.05   -0.06   34.65   27.85    26.3   0.517  1453.6
320.0    0.01    0.00   34.67   27.86    24.8   0.520  1454.1
330.0    0.07    0.05   34.70   27.88    23.4   0.523  1454.5
340.0    0.13    0.12   34.72   27.90    21.9   0.525  1455.0
350.0    0.18    0.17   34.74   27.91    20.6   0.527  1455.5
370.0    0.27    0.25   34.77   27.93    19.0   0.531  1456.2
390.0    0.33    0.31   34.79   27.94    17.7   0.535  1456.9
410.0    0.38    0.36   34.81   27.96    16.5   0.538  1457.4
430.0    0.41    0.39   34.83   27.96    15.7   0.541  1458.0
450.0    0.43    0.41   34.83   27.97    15.4   0.545  1458.4
470.0    0.46    0.44   34.85   27.98    14.6   0.548  1458.9
490.0    0.48    0.45   34.86   27.98    14.1   0.550  1459.3
510.0    0.48    0.46   34.86   27.99    13.9   0.553  1459.6
530.0    0.48    0.46   34.86   27.99    13.9   0.556  1460.0
550.0    0.46    0.44   34.86   27.99    13.7   0.559  1460.2
570.0    0.44    0.41   34.86   27.99    13.6   0.562  1460.4
590.0    0.42    0.39   34.86   27.99    13.2   0.564  1460.7
610.0    0.41    0.38   34.87   28.00    12.7   0.567  1461.0
630.0    0.38    0.35   34.87   28.00    12.5   0.569  1461.2
650.0    0.34    0.32   34.87   28.00    12.1   0.572  1461.4
670.0    0.31    0.28   34.87   28.00    11.9   0.574  1461.6
690.0    0.29    0.25   34.87   28.01    11.5   0.577  1461.8
710.0    0.26    0.22   34.88   28.01    11.1   0.579  1462.0
726.3    0.23    0.19   34.88   28.02    10.8   0.581  1462.1

                        DEPTH     TEMP.      SALIN

      BOT NUM = 1         5.1     -1.64      30.45
      BUT NUM = 2       248.8     -0.72      34.24
      BOT NUM = 3       496.1      0.49
      ROT NUM = 4       727.6      0.22      34.90
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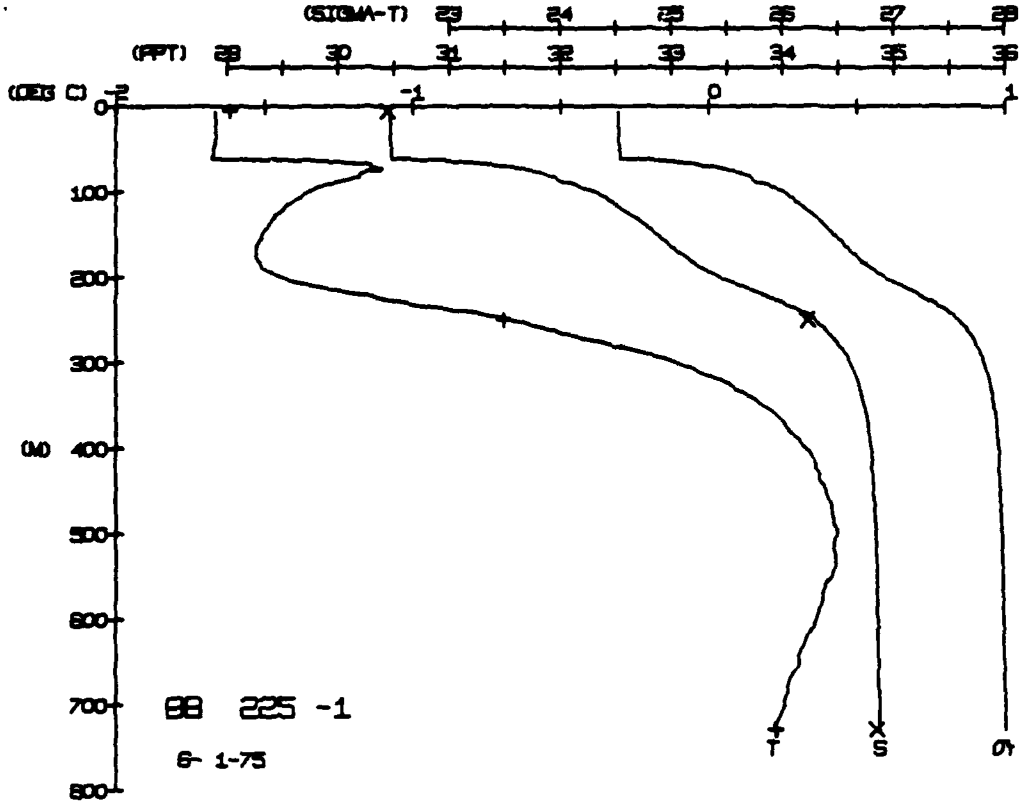

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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0 100 200 300 400 500 600 700 800
(M)
BB 225 -1
8- 1-75
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S
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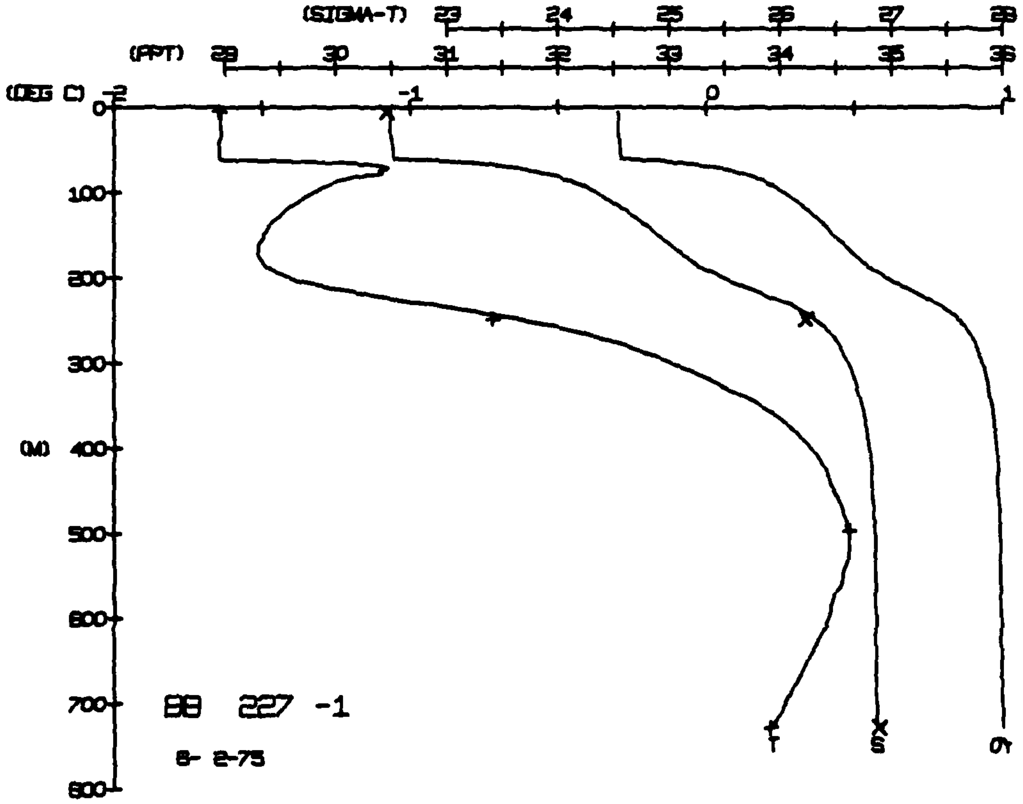

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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0 100 200 300 400 500 600 700 800
(M)
BB 227 -1
8- 2-75
T
S
σt

```
BIG BEAR STATION 229(1) STD    2/JUN/1975 1700 GMT  CODE = 2
LAT = 76.4354N LNG = 147.3705W LTER =      3, LGER =      7,
AIR TEMP =  -5.7 BAROM = 1025.7 WIND =  69.4 SPEED =  54.6

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.63   -1.63   30.48   24.53   341.0   0.000   1435.3
   5.0   -1.63   -1.63   30.48   24.53   340.9   0.017   1435.3
   5.7   -1.63   -1.63   30.48   24.53   340.9   0.020   1435.4
  10.0   -1.63   -1.63   30.48   24.53   341.0   0.034   1435.4
  15.0   -1.63   -1.63   30.48   24.53   340.9   0.051   1435.5
  20.0   -1.62   -1.62   30.48   24.53   340.7   0.069   1435.6
  25.0   -1.62   -1.62   30.48   24.53   340.7   0.086   1435.7
  30.0   -1.63   -1.63   30.48   24.54   340.6   0.103   1435.8
  35.0   -1.63   -1.63   30.48   24.54   340.5   0.120   1435.9
  40.0   -1.63   -1.63   30.48   24.54   340.2   0.137   1435.9
  45.0   -1.64   -1.64   30.49   24.54   339.6   0.154   1436.0
  50.0   -1.64   -1.64   30.51   24.56   338.5   0.171   1436.1
  55.0   -1.64   -1.64   30.51   24.56   338.1   0.188   1436.2
  60.0   -1.63   -1.63   30.51   24.56   337.9   0.206   1436.3
  65.0   -1.32   -1.32   30.93   24.89   306.1   0.222   1438.4
  70.0   -1.12   -1.12   31.32   25.21   276.5   0.236   1440.0
  80.0   -1.15   -1.15   31.86   25.64   235.0   0.262   1440.8
  90.0   -1.24   -1.24   32.10   25.84   216.2   0.285   1440.9
 100.0   -1.30   -1.31   32.28   25.98   202.3   0.306   1441.0
 110.0   -1.36   -1.36   32.43   26.11   190.6   0.326   1441.1
 120.0   -1.40   -1.41   32.55   26.20   181.3   0.345   1441.2
 130.0   -1.43   -1.44   32.66   26.29   173.0   0.362   1441.4
 140.0   -1.46   -1.46   32.76   26.37   165.2   0.380   1441.6
 150.0   -1.48   -1.49   32.87   26.46   156.5   0.396   1441.8
 160.0   -1.50   -1.50   32.96   26.54   149.2   0.411   1442.0
 170.0   -1.50   -1.50   33.06   26.62   141.4   0.426   1442.3
 180.0   -1.49   -1.49   33.16   26.70   133.6   0.440   1442.7
 190.0   -1.47   -1.48   33.28   26.80   124.8   0.453   1443.1
 200.0   -1.42   -1.43   33.42   26.91   114.2   0.465   1443.7
 210.0   -1.33   -1.33   33.58   27.04   101.3   0.476   1444.5
 220.0   -1.20   -1.20   33.75   27.17    89.7   0.485   1445.5
 230.0   -1.01   -1.02   33.96   27.34    73.0   0.494   1446.9
 240.0   -0.84   -0.85   34.14   27.47    61.1   0.500   1448.1
 250.0   -0.65   -0.66   34.30   27.59    50.1   0.506   1449.3
 260.0   -0.51   -0.51   34.39   27.66    43.8   0.511   1450.3
 270.0   -0.40   -0.41   34.45   27.71    39.4   0.515   1451.1
 280.0   -0.29   -0.30   34.52   27.75    34.9   0.519   1451.8
 290.0   -0.19   -0.20   34.57   27.79    31.8   0.522   1452.5
 300.0   -0.11   -0.12   34.61   27.82    29.0   0.525   1453.1
 310.0   -0.02   -0.03   34.65   27.84    26.6   0.528   1453.8
 320.0    0.05    0.04   34.69   27.87    24.4   0.531   1454.3
 330.0    0.11    0.10   34.71   27.88    23.0   0.533   1454.7
 340.0    0.16    0.15   34.73   27.90    21.7   0.535   1455.2
 350.0    0.20    0.19   34.74   27.91    20.6   0.537   1455.6
 370.0    0.28    0.26   34.77   27.93    18.9   0.541   1456.3
 390.0    0.34    0.32   34.79   27.94    17.7   0.545   1456.9
 410.0    0.38    0.36   34.81   27.95    16.6   0.548   1457.4
 430.0    0.41    0.40   34.82   27.96    16.0   0.552   1458.0
 450.0    0.44    0.42   34.83   27.97    15.4   0.555   1458.4
 470.0    0.46    0.44   34.84   27.98    14.8   0.558   1458.8
 490.0    0.47    0.45   34.85   27.98    14.2   0.561   1459.3
 510.0    0.48    0.45   34.85   27.98    14.2   0.564   1459.6
 530.0    0.48    0.45   34.86   27.99    13.9   0.567   1460.0
 550.0    0.47    0.45   34.86   27.99    13.6   0.569   1460.3
 570.0    0.45    0.42   34.86   27.99    13.4   0.572   1460.5
 590.0    0.43    0.40   34.87   28.00    13.0   0.575   1460.7
 610.0    0.40    0.38   34.87   28.00    12.6   0.577   1461.0
 630.0    0.37    0.34   34.87   28.00    12.2   0.580   1461.1
 650.0    0.35    0.32   34.87   28.01    11.9   0.582   1461.4
 670.0    0.31    0.28   34.87   28.01    11.7   0.585   1461.6
 690.0    0.27    0.24   34.87   28.01    11.4   0.587   1461.7
 710.0    0.25    0.22   34.87   28.01    11.2   0.589   1462.0
 730.0    0.23    0.20   34.88   28.01    10.9   0.592   1462.2
 730.0    0.23    0.20   34.88   28.01    10.9   0.592   1462.2

                         DEPTH      TEMP.      SALIN

      BUT NUM = 1           5.0     -1.64      30.45
      BUT NUM = 2         250.3     -0.71      34.22
      BUT NUM = 3         510.2      0.47
      BUT NUM = 4         730.9      0.23      34.90
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BIG BEAR STATIUN 231(2) STD    3/JUN/1975 1700 GMT  CODE = 2
LAT = 76.4502N LNG = 147.5387W LTER =      0, LGER =      0,
AIR TEMP =  -8.2 BARUM = 1020.5 WIND = 112.5 SPEED =  19.5

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.64   -1.64   30.49   24.54   340.6   0.000   1435.2
  5.0   -1.64   -1.64   30.49   24.54   340.5   0.017   1435.3
  5.3   -1.64   -1.64   30.49   24.54   340.5   0.018   1435.3
 10.0   -1.64   -1.64   30.49   24.54   340.5   0.034   1435.4
 15.0   -1.64   -1.64   30.49   24.54   340.4   0.051   1435.5
 20.0   -1.64   -1.64   30.49   24.54   340.3   0.069   1435.6
 25.0   -1.64   -1.64   30.49   24.54   340.2   0.086   1435.7
 30.0   -1.64   -1.64   30.49   24.54   339.9   0.103   1435.7
 35.0   -1.64   -1.64   30.49   24.54   339.7   0.120   1435.8
 40.0   -1.65   -1.65   30.50   24.55   339.3   0.137   1435.8
 45.0   -1.65   -1.65   30.50   24.55   338.9   0.154   1435.9
 50.0   -1.65   -1.65   30.51   24.56   338.3   0.171   1436.0
 55.0   -1.65   -1.65   30.51   24.56   338.1   0.188   1436.1
 60.0   -1.64   -1.64   30.51   24.56   337.7   0.205   1436.2
 65.0   -1.30   -1.30   31.01   24.96   299.8   0.221   1438.7
 70.0   -1.11   -1.11   31.42   25.29   268.8   0.236   1440.2
 80.0   -1.15   -1.15   31.87   25.65   234.2   0.261   1440.8
 90.0   -1.24   -1.24   32.09   25.83   217.5   0.284   1440.9
100.0   -1.31   -1.31   32.25   25.96   204.4   0.305   1440.9
110.0   -1.37   -1.37   32.41   26.09   192.1   0.325   1441.0
120.0   -1.41   -1.41   32.53   26.19   182.4   0.344   1441.2
130.0   -1.44   -1.45   32.64   26.28   173.9   0.362   1441.3
140.0   -1.47   -1.47   32.75   26.37   165.6   0.379   1441.5
150.0   -1.49   -1.49   32.84   26.44   158.9   0.395   1441.7
160.0   -1.50   -1.51   32.93   26.52   151.4   0.411   1442.0
170.0   -1.51   -1.51   33.03   26.60   143.5   0.426   1442.3
180.0   -1.51   -1.51   33.12   26.67   136.7   0.440   1442.5
190.0   -1.49   -1.50   33.22   26.75   129.4   0.453   1442.9
200.0   -1.45   -1.46   33.34   26.85   119.7   0.466   1443.4
210.0   -1.40   -1.40   33.49   26.96   109.0   0.478   1444.1
220.0   -1.28   -1.29   33.66   27.10    96.1   0.488   1445.0
230.0   -1.10   -1.11   33.87   27.26    81.0   0.497   1446.3
240.0   -0.92   -0.93   34.05   27.41    67.3   0.504   1447.6
250.0   -0.73   -0.74   34.22   27.53    55.6   0.511   1448.9
260.0   -0.57   -0.58   34.32   27.61    48.3   0.516   1449.9
270.0   -0.46   -0.47   34.41   27.67    42.2   0.520   1450.7
280.0   -0.36   -0.37   34.48   27.72    37.7   0.524   1451.5
290.0   -0.24   -0.25   34.53   27.76    34.1   0.528   1452.2
300.0   -0.15   -0.16   34.58   27.80    31.0   0.531   1452.9
310.0   -0.07   -0.08   34.62   27.83    28.1   0.534   1453.5
320.0   -0.01   -0.02   34.65   27.85    26.4   0.537   1454.0
330.0    0.05    0.04   34.68   27.87    24.6   0.540   1454.4
340.0    0.11    0.10   34.70   27.88    23.2   0.542   1454.9
350.0    0.17    0.16   34.73   27.90    21.7   0.544   1455.4
370.0    0.25    0.23   34.76   27.92    19.9   0.549   1456.1
390.0    0.31    0.29   34.78   27.93    18.3   0.552   1456.7
410.0    0.35    0.33   34.80   27.94    17.4   0.556   1457.3
430.0    0.39    0.37   34.82   27.96    16.4   0.559   1457.8
450.0    0.41    0.39   34.82   27.96    16.0   0.563   1458.3
470.0    0.43    0.41   34.83   27.97    15.3   0.566   1458.7
490.0    0.45    0.43   34.84   27.97    14.9   0.569   1459.1
510.0    0.46    0.44   34.85   27.98    14.5   0.572   1459.5
530.0    0.45    0.43   34.85   27.98    14.3   0.575   1459.8
550.0    0.45    0.43   34.86   27.98    14.0   0.578   1460.2
570.0    0.43    0.40   34.86   27.99    13.5   0.580   1460.4
590.0    0.41    0.39   34.86   27.99    13.3   0.583   1460.7
610.0    0.40    0.37   34.87   28.00    12.9   0.586   1460.9
630.0    0.37    0.35   34.87   28.00    12.5   0.588   1461.2
650.0    0.34    0.31   34.87   28.00    12.2   0.591   1461.4
670.0    0.32    0.29   34.87   28.01    11.9   0.593   1461.6
690.0    0.29    0.26   34.87   28.01    11.5   0.596   1461.8
710.0    0.26    0.23   34.88   28.01    11.1   0.598   1462.0
728.1    0.23    0.20   34.88   28.02    10.8   0.600   1462.2

                         DEPTH      TEMP.      SALIN

      BOT NUM = 1           4.2     -1.64      30.45
      BUT NUM = 2         249.9                34.71
      BOT NUM = 3         499.3      0.47
      ROT NUM = 4         729.2      0.23      34.90
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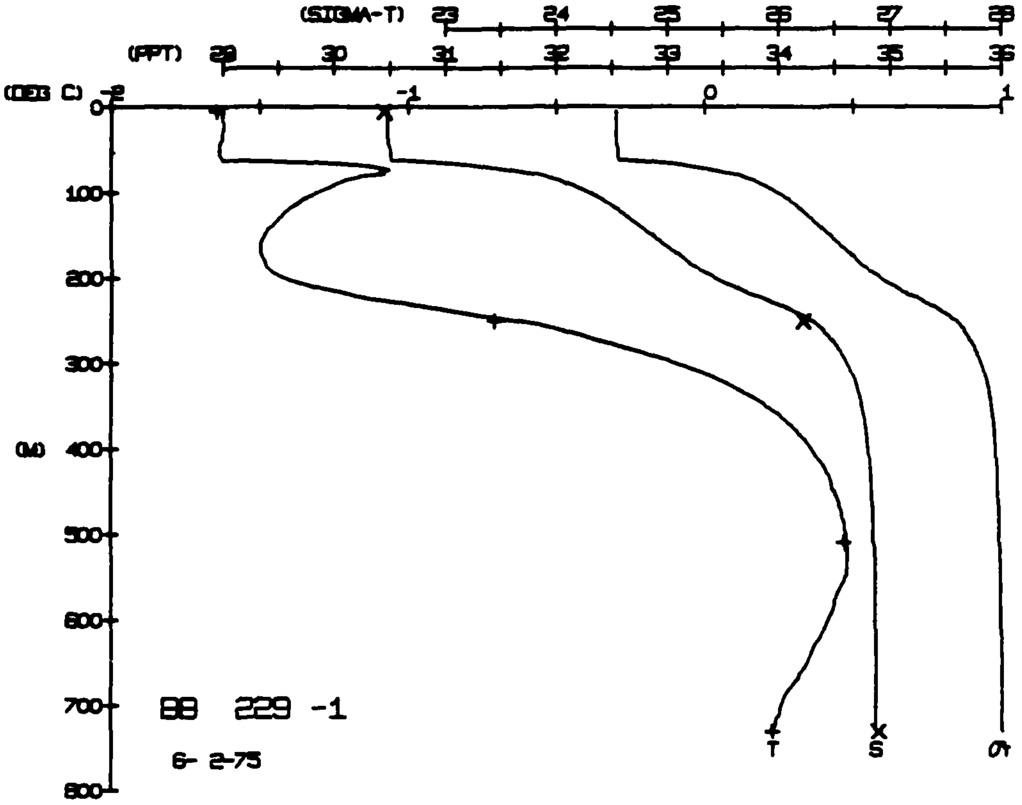
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800
BB 229 -1
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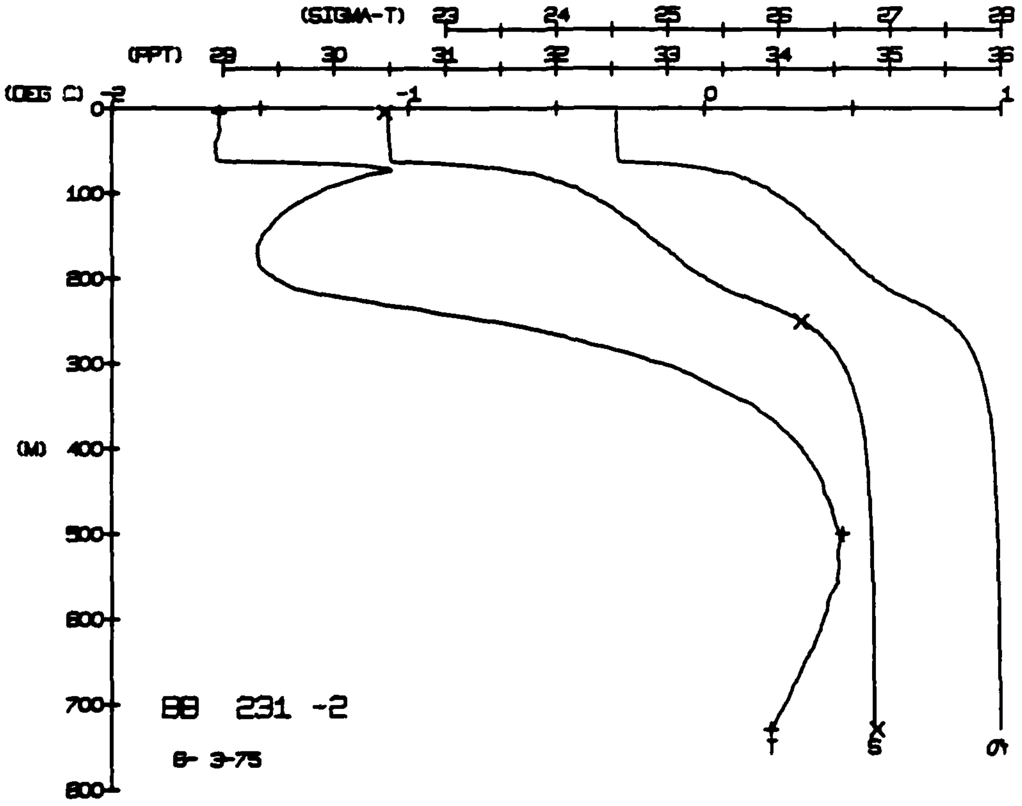
T
S
σt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600
700
800
BB 231 -2
6- 3-75
T
S
σt

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BIG BEAR STATION 233(1) STD   4/JUN/1975  500 GMT  CODE = 2
LAT = 76.4614N LNG = 147.6730W LTER =       1. LGER =      2.
AIR TEMP =   -8.2 BAROM = 1019.6 WIND = 112.5 SPEED =  19.5

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.64   -1.64   30.49   24.54   340.4   0.000   1435.2
   5.0   -1.64   -1.64   30.49   24.54   340.4   0.017   1435.3
   5.4   -1.64   -1.64   30.49   24.54   340.4   0.018   1435.3
  10.0   -1.64   -1.64   30.49   24.54   340.3   0.034   1435.4
  15.0   -1.64   -1.64   30.49   24.54   340.3   0.051   1435.5
  20.0   -1.64   -1.64   30.49   24.54   340.3   0.069   1435.5
  25.0   -1.65   -1.65   30.49   24.54   340.2   0.086   1435.6
  30.0   -1.65   -1.65   30.49   24.54   340.2   0.103   1435.7
  35.0   -1.65   -1.65   30.49   24.54   340.1   0.120   1435.8
  40.0   -1.65   -1.65   30.49   24.54   339.8   0.137   1435.9
  45.0   -1.65   -1.65   30.49   24.55   339.4   0.154   1435.9
  50.0   -1.65   -1.65   30.49   24.55   339.3   0.171   1436.0
  55.0   -1.65   -1.65   30.50   24.55   338.9   0.188   1436.1
  60.0   -1.65   -1.65   30.50   24.55   338.8   0.205   1436.2
  65.0   -1.54   -1.54   30.75   24.75   319.6   0.222   1437.1
  70.0   -1.12   -1.12   31.33   25.22   274.9   0.237   1440.0
  80.0   -1.10   -1.10   31.83   25.62   237.5   0.263   1441.0
  90.0   -1.22   -1.22   32.06   25.81   219.2   0.286   1440.9
 100.0   -1.30   -1.30   32.27   25.98   203.0   0.307   1441.0
 110.0   -1.35   -1.35   32.49   26.08   193.3   0.327   1441.1
 120.0   -1.40   -1.40   32.52   26.18   183.5   0.346   1441.2
 130.0   -1.43   -1.43   32.64   26.27   174.5   0.364   1441.4
 140.0   -1.46   -1.46   32.74   26.36   166.2   0.381   1441.6
 150.0   -1.48   -1.49   32.83   26.43   159.2   0.398   1441.7
 160.0   -1.49   -1.50   32.93   26.51   151.6   0.413   1442.0
 170.0   -1.51   -1.51   33.03   26.60   143.8   0.428   1442.2
 180.0   -1.51   -1.52   33.13   26.68   136.0   0.442   1442.5
 190.0   -1.50   -1.51   33.22   26.75   129.5   0.456   1442.9
 200.0   -1.47   -1.48   33.35   26.85   119.6   0.468   1443.3
 210.0   -1.41   -1.41   33.48   26.95   109.8   0.480   1444.0
 220.0   -1.28   -1.29   33.67   27.11    95.2   0.490   1445.0
 230.0   -1.15   -1.16   33.85   27.25    82.2   0.499   1446.1
 240.0   -0.97   -0.97   34.04   27.39    68.4   0.507   1447.3
 250.0   -0.77   -0.78   34.20   27.52    56.8   0.513   1448.7
 260.0   -0.61   -0.62   34.32   27.61    48.4   0.519   1449.8
 270.0   -0.50   -0.51   34.42   27.68    41.5   0.523   1450.6
 280.0   -0.38   -0.39   34.49   27.73    36.6   0.527   1451.4
 290.0   -0.27   -0.28   34.54   27.77    33.6   0.531   1452.1
 300.0   -0.18   -0.19   34.58   27.80    31.0   0.534   1452.8
 310.0   -0.09   -0.10   34.61   27.82    28.8   0.537   1453.4
 320.0   -0.03   -0.04   34.64   27.84    26.8   0.540   1453.9
 330.0    0.03    0.02   34.67   27.86    24.9   0.542   1454.3
 340.0    0.10    0.09   34.70   27.88    23.2   0.545   1454.9
 350.0    0.15    0.14   34.72   27.89    22.0   0.547   1455.3
 370.0    0.23    0.21   34.75   27.92    20.0   0.551   1456.0
 390.0    0.29    0.27   34.78   27.93    18.4   0.555   1456.6
 410.0    0.33    0.31   34.80   27.95    17.2   0.559   1457.2
 430.0    0.38    0.36   34.82   27.96    16.3   0.562   1457.8
 450.0    0.40    0.38   34.83   27.96    15.7   0.565   1458.2
 470.0    0.42    0.40   34.84   27.97    15.1   0.568   1458.7
 490.0    0.45    0.42   34.85   27.98    14.6   0.571   1459.1
 510.0    0.45    0.43   34.85   27.98    14.3   0.574   1459.5
 530.0    0.45    0.42   34.85   27.98    14.0   0.577   1459.8
 550.0    0.45    0.42   34.86   27.99    13.6   0.580   1460.1
 570.0    0.44    0.41   34.86   27.99    13.5   0.583   1460.4
 590.0    0.42    0.39   34.86   27.99    13.1   0.585   1460.7
 610.0    0.40    0.37   34.87   28.00    12.7   0.588   1460.9
 630.0    0.38    0.35   34.87   28.00    12.3   0.591   1461.2
 650.0    0.35    0.32   34.87   28.00    12.1   0.593   1461.4
 670.0    0.32    0.29   34.87   28.01    11.8   0.595   1461.6
 690.0    0.29    0.26   34.87   28.01    11.5   0.598   1461.8
 710.0    0.27    0.23   34.88   28.01    11.2   0.600   1462.0
 730.0    0.24    0.20   34.88   28.02    10.8   0.602   1462.2

                         DEPTH      TEMP.      SALIN

        BOT NUM = 1        4.6      -1.64      30.45
        BOT NUM = 2      250.6      -0.72      34.25
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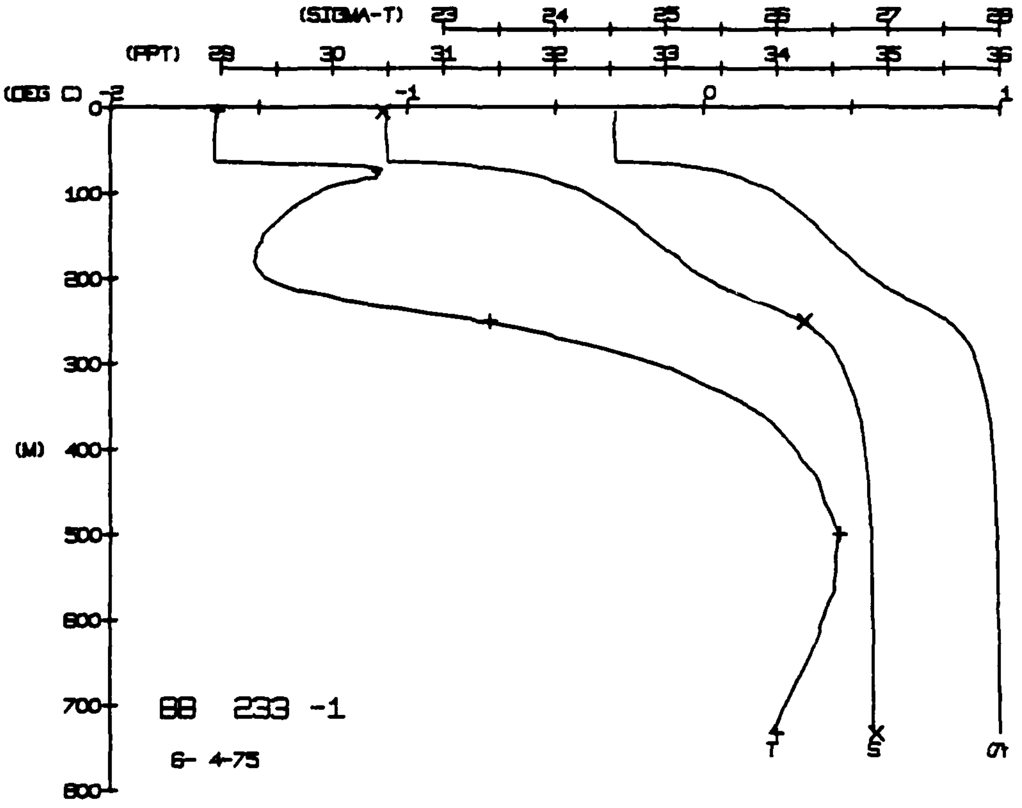
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 233 -1
6- 4-75
T
S
σT

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                         BIG BEAR STATION 235(1) STD   4/JUN/1975 1723 GMT  CODE = 2
                          LAT = 76.4653N LNG = 147.8286W LTER =     1, LGER =     1.
                          AIR TEMP =   -6.1 BAROM = 1018.1 WIND =  45.7 SPEED =  44.0

  DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND        DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

    0.0   -1.63   -1.63   30.48   24.53   341.3   0.000  1435.2        800.0    0.15    0.11   34.88   28.02    10.1   0.605  1463.0
    5.0   -1.63   -1.63   30.48   24.53   341.2   0.017  1435.3        850.0    0.09    0.05   34.88   28.03     9.5   0.610  1463.6
    5.4   -1.63   -1.63   30.48   24.53   341.2   0.018  1435.3        900.0    0.04    0.00   34.88   28.03     8.9   0.614  1464.2
   10.0   -1.63   -1.63   30.48   24.53   341.1   0.034  1435.4        950.0   -0.01   -0.05   34.89   28.04     8.4   0.619  1464.8
   15.0   -1.63   -1.63   30.48   24.53   341.0   0.052  1435.5       1000.0   -0.06   -0.10   34.89   28.04     7.7   0.623  1465.4
   20.0   -1.63   -1.63   30.48   24.53   341.0   0.069  1435.6       1050.0   -0.10   -0.15   34.89   28.05     7.2   0.627  1466.0
   25.0   -1.63   -1.63   30.48   24.53   340.9   0.086  1435.7       1100.0   -0.13   -0.18   34.89   28.05     6.9   0.630  1466.7
   30.0   -1.63   -1.63   30.48   24.53   340.8   0.103  1435.7       1150.0   -0.17   -0.22   34.90   28.05     6.4   0.633  1467.4
   35.0   -1.63   -1.63   30.48   24.53   340.7   0.120  1435.8       1200.0   -0.20   -0.26   34.90   28.06     5.8   0.637  1468.1
   40.0   -1.63   -1.63   30.48   24.53   340.6   0.137  1435.9       1250.0   -0.23   -0.28   34.90   28.06     5.4   0.639  1468.8
   45.0   -1.64   -1.64   30.48   24.54   340.2   0.154  1435.9       1300.0   -0.25   -0.31   34.91   28.06     4.8   0.642  1469.6
   50.0   -1.65   -1.65   30.49   24.54   339.8   0.172  1436.0       1350.0   -0.27   -0.33   34.91   28.07     4.4   0.644  1470.3
   55.0   -1.65   -1.65   30.49   24.54   339.4   0.189  1436.1       1400.0   -0.30   -0.36   34.91   28.07     4.0   0.646  1471.1
   60.0   -1.63   -1.64   30.50   24.55   338.8   0.206  1436.3       1450.0   -0.32   -0.39   34.91   28.07     3.6   0.648  1471.8
   65.0   -1.24   -1.25   31.18   25.09   287.2   0.222  1439.2       1500.0   -0.34   -0.41   34.92   28.08     3.1   0.650  1472.6
   70.0   -1.08   -1.08   31.50   25.34   263.4   0.235  1440.5       1550.0   -0.36   -0.43   34.92   28.08     2.6   0.651  1473.3
   80.0   -1.09   -1.09   31.90   25.67   231.9   0.260  1441.2       1600.0   -0.38   -0.45   34.93   28.09     2.2   0.653  1474.1
   90.0   -1.22   -1.22   32.11   25.84   215.9   0.283  1441.0       1650.0   -0.39   -0.47   34.93   28.09     1.7   0.654  1474.9
  100.0   -1.32   -1.32   32.28   25.98   202.3   0.304  1440.9       1700.0   -0.40   -0.48   34.93   28.09     1.4   0.654  1475.7
  110.0   -1.37   -1.37   32.42   26.10   191.5   0.324  1441.0       1750.0   -0.41   -0.50   34.93   28.09     1.1   0.655  1476.5
  120.0   -1.41   -1.41   32.55   26.20   181.3   0.343  1441.2       1800.0   -0.42   -0.51   34.93   28.09     0.9   0.656  1477.3
  130.0   -1.44   -1.45   32.66   26.30   172.4   0.361  1441.4       1850.0   -0.42   -0.51   34.94   28.10     0.7   0.656  1478.1
  140.0   -1.47   -1.47   32.75   26.37   165.6   0.378  1441.5       1900.0   -0.42   -0.52   34.94   28.10     0.5   0.656  1479.0
  150.0   -1.49   -1.49   32.85   26.45   158.0   0.394  1441.8       1950.0   -0.42   -0.52   34.94   28.10     0.4   0.656  1479.8
  160.0   -1.51   -1.51   32.95   26.53   150.0   0.409  1442.0       2000.0   -0.43   -0.53   34.94   28.10     0.2   0.657  1480.7
  170.0   -1.52   -1.52   33.04   26.60   143.0   0.424  1442.2       2050.0   -0.43   -0.53   34.94   28.10     0.0   0.657  1481.5
  180.0   -1.51   -1.51   33.13   26.68   135.9   0.438  1442.5       2100.0   -0.43   -0.54   34.94   28.10    -0.1   0.657  1482.4
  190.0   -1.49   -1.50   33.24   26.77   127.4   0.452  1442.9       2150.0   -0.43   -0.54   34.94   28.10    -0.2   0.657  1483.2
  200.0   -1.47   -1.47   33.37   26.87   117.8   0.464  1443.4       2200.0   -0.43   -0.54   34.94   28.10    -0.2   0.657  1484.1
  210.0   -1.39   -1.40   33.51   26.98   106.9   0.475  1444.1       2250.0   -0.42   -0.54   34.94   28.10    -0.3   0.656  1484.9
  220.0   -1.26   -1.26   33.73   27.15    91.1   0.485  1445.2       2300.0   -0.42   -0.54   34.94   28.10    -0.3   0.656  1485.8
  230.0   -1.09   -1.10   33.92   27.30    76.8   0.494  1446.4       2350.0   -0.42   -0.54   34.94   28.10    -0.3   0.656  1486.7
  240.0   -0.91   -0.92   34.09   27.44    64.5   0.501  1447.7       2400.0   -0.41   -0.54   34.94   28.10    -0.4   0.656  1487.6
  250.0   -0.74   -0.75   34.24   27.55    54.2   0.507  1448.9       2450.0   -0.41   -0.54   34.94   28.10    -0.4   0.656  1488.4
  260.0   -0.58   -0.59   34.34   27.62    47.1   0.512  1449.9       2500.0   -0.40   -0.54   34.94   28.10    -0.4   0.656  1489.3
  270.0   -0.47   -0.48   34.42   27.68    41.7   0.517  1450.7       2550.0   -0.40   -0.55   34.94   28.10    -0.5   0.655  1490.2
  280.0   -0.38   -0.39   34.48   27.72    37.7   0.521  1451.4       2600.0   -0.40   -0.55   34.95   28.10    -0.6   0.655  1491.0
  290.0   -0.25   -0.26   34.54   27.77    33.7   0.524  1452.2       2650.0   -0.39   -0.54   34.95   28.10    -0.8   0.655  1491.9
  300.0   -0.17   -0.18   34.58   27.80    30.9   0.527  1452.8       2700.0   -0.39   -0.54   34.95   28.11    -0.9   0.654  1492.8
  310.0   -0.08   -0.10   34.61   27.82    28.8   0.530  1453.4       2750.0   -0.39   -0.54   34.95   28.11    -1.0   0.654  1493.7
  320.0   -0.01   -0.02   34.65   27.84    26.5   0.533  1454.0       2800.0   -0.38   -0.54   34.95   28.11    -1.0   0.653  1494.6
  330.0    0.06    0.05   34.68   27.86    24.9   0.536  1454.5       2850.0   -0.38   -0.54   34.95   28.10    -0.9   0.653  1495.4
  340.0    0.12    0.10   34.70   27.88    23.5   0.538  1454.9       2900.0   -0.37   -0.54   34.95   28.10    -0.8   0.652  1496.3
  350.0    0.16    0.15   34.72   27.89    22.1   0.541  1455.4
  370.0    0.24    0.23   34.75   27.91    20.2   0.545  1456.1
  390.0    0.30    0.29   34.78   27.93    18.7   0.549  1456.7
  410.0    0.34    0.33   34.80   27.94    17.5   0.552  1457.3
  430.0    0.39    0.37   34.81   27.95    16.8   0.556  1457.8
  450.0    0.41    0.39   34.82   27.96    16.3   0.559  1458.2
  470.0    0.43    0.41   34.83   27.97    15.6   0.562  1458.7
  490.0    0.45    0.43   34.84   27.97    15.0   0.566  1459.2
  510.0    0.47    0.44   34.85   27.98    14.7   0.569  1459.6
  530.0    0.45    0.43   34.85   27.98    14.3   0.571  1459.8
  550.0    0.45    0.43   34.85   27.98    14.1   0.574  1460.2
  570.0    0.44    0.42   34.86   27.99    13.8   0.577  1460.5
  590.0    0.42    0.39   34.86   27.99    13.4   0.580  1460.7
  610.0    0.40    0.37   34.86   28.00    13.0   0.583  1460.9
  630.0    0.38    0.35   34.87   28.00    12.8   0.585  1461.2
  650.0    0.35    0.32   34.87   28.00    12.4   0.588  1461.4
  670.0    0.32    0.29   34.87   28.00    12.1   0.590  1461.6
  690.C    0.29    0.26   34.87   28.01    11.7   0.593  1461.8
  710.0    0.27    0.23   34.87   28.01    11.3   0.595  1462.0
  730.0    0.24    0.20   34.88   28.01    11.0   0.597  1462.2
  750.0    0.20    0.17   34.88   28.02    10.7   0.599  1462.4

                                                   DEPTH         TEMP.        SALIN

                                    BUT NUM = 1      4.6        -1.64         30.47
                                    BUT NUM = 2    999.9        -0.06         34.89
                                    BUT NUM = 3   1499.6                      34.91
                                    BUT NUM = 4   1980.5        -0.42
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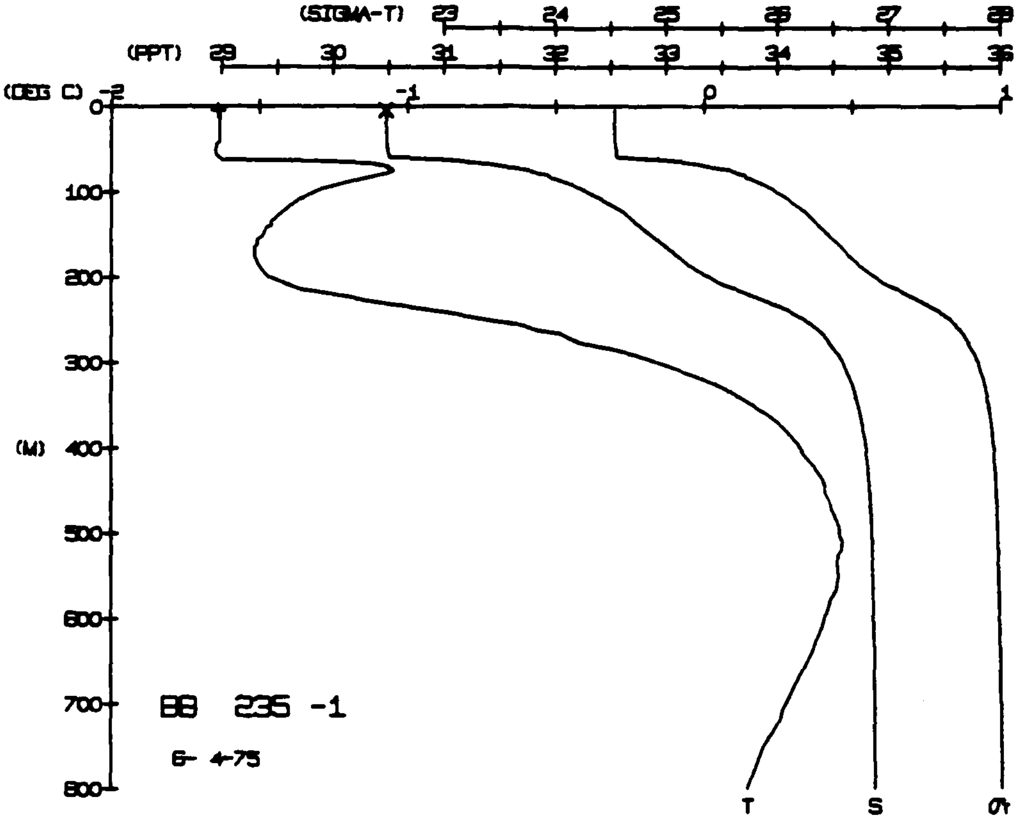
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(DEG C) -2 -1 0 1
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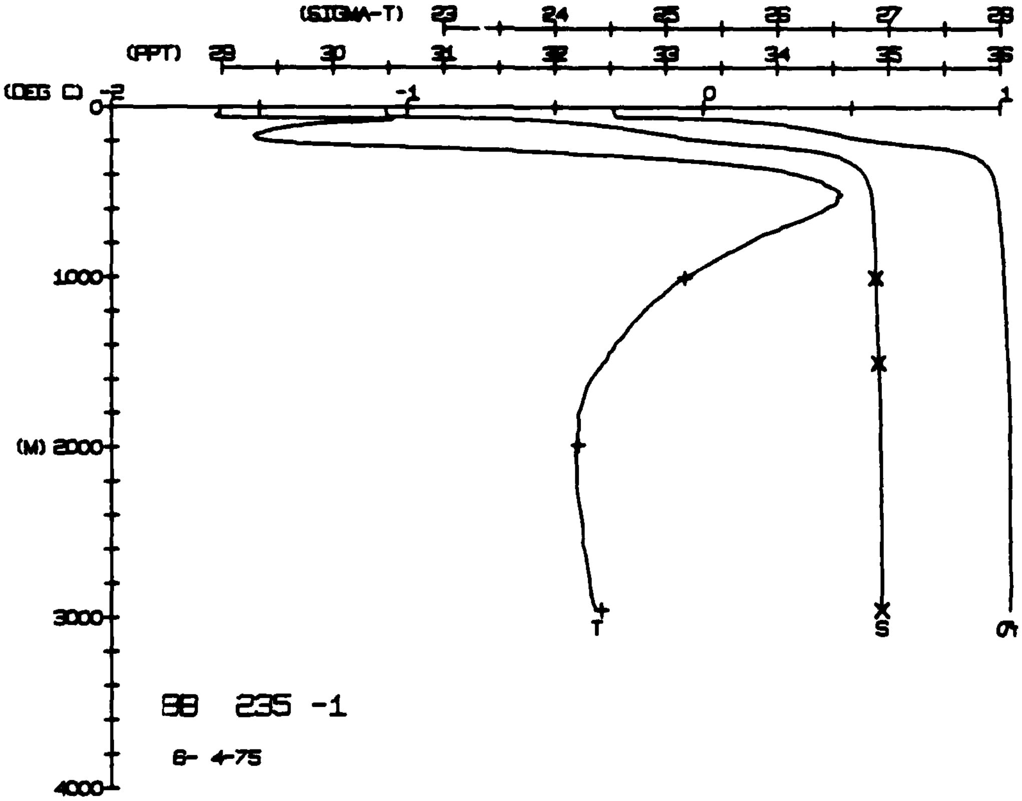
200
300
(M) 400
500
600
700
800
BB 235 -1
6- 4-75
T
S
σt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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
1000
(M) 2000
3000
4000
T
S
σt
BB 235 -1
6- 4-75

```
BIG BEAR STATION 237(1) STD    5/JUN/1975  500 GMT  CODE = 2
LAT = 76.4636N LNG = 147.9801W LTER =       1. LGER =      2.
AIR TEMP =  -6.1 BAROM = 1015.7 WIND =  45.7 SPEED =  44.0

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.63   -1.63   30.47   24.53   341.5   0.000   1435.3
   3.6   -1.63   -1.63   30.47   24.53   341.4   0.012   1435.3
   5.0   -1.64   -1.64   30.47   24.53   341.4   0.017   1435.3
  10.0   -1.64   -1.64   30.47   24.53   341.3   0.034   1435.4
  15.0   -1.64   -1.64   30.47   24.53   341.3   0.052   1435.5
  20.0   -1.64   -1.64   30.47   24.53   341.2   0.069   1435.6
  25.0   -1.64   -1.64   30.48   24.53   341.0   0.086   1435.6
  30.0   -1.64   -1.64   30.48   24.53   340.9   0.103   1435.7
  35.0   -1.64   -1.64   30.48   24.53   340.7   0.120   1435.8
  40.0   -1.64   -1.64   30.48   24.53   340.6   0.137   1435.9
  45.0   -1.65   -1.65   30.48   24.53   340.5   0.155   1435.9
  50.0   -1.65   -1.65   30.48   24.54   340.3   0.172   1436.0
  55.0   -1.65   -1.65   30.49   24.54   339.9   0.189   1436.1
  60.0   -1.22   -1.23   31.07   25.01   295.5   0.205   1439.0
  65.0   -1.11   -1.12   31.45   25.30   267.2   0.219   1440.1
  70.0   -1.08   -1.08   31.75   25.55   244.1   0.232   1440.8
  80.0   -1.16   -1.16   32.00   25.75   224.7   0.256   1440.9
  90.0   -1.27   -1.27   32.21   25.92   208.3   0.277   1440.9
 100.0   -1.34   -1.34   32.36   26.05   196.5   0.298   1440.9
 110.0   -1.39   -1.39   32.50   26.16   185.5   0.317   1441.0
 120.0   -1.42   -1.42   32.61   26.25   176.5   0.335   1441.2
 130.0   -1.45   -1.45   32.71   26.34   168.6   0.353   1441.4
 140.0   -1.47   -1.48   32.81   26.42   161.0   0.369   1441.6
 150.0   -1.50   -1.50   32.91   26.50   153.2   0.385   1441.8
 160.0   -1.52   -1.52   33.01   26.58   145.4   0.400   1442.0
 170.0   -1.51   -1.52   33.12   26.66   137.3   0.414   1442.3
 180.0   -1.50   -1.50   33.21   26.74   129.7   0.428   1442.7
 190.0   -1.47   -1.47   33.35   26.86   119.0   0.441   1443.2
 200.0   -1.41   -1.41   33.47   26.95   110.1   0.452   1443.8
 210.0   -1.28   -1.28   33.70   27.13    92.8   0.462   1444.9
 220.0   -1.13   -1.14   33.89   27.28    79.4   0.471   1446.0
 230.0   -0.96   -0.97   34.06   27.41    66.5   0.478   1447.3
 240.0   -0.75   -0.76   34.23   27.54    54.4   0.484   1448.6
 250.0   -0.60   -0.60   34.33   27.62    47.6   0.490   1449.7
 260.0   -0.49   -0.50   34.41   27.68    42.0   0.494   1450.4
 270.0   -0.38   -0.39   34.47   27.72    38.3   0.498   1451.2
 280.0   -0.28   -0.29   34.52   27.76    34.7   0.502   1451.9
 290.0   -0.19   -0.20   34.56   27.78    32.0   0.505   1452.5
 300.0   -0.10   -0.11   34.60   27.81    29.7   0.508   1453.1
 310.0   -0.04   -0.05   34.63   27.83    28.1   0.511   1453.6
 320.0    0.01    0.00   34.65   27.85    26.4   0.514   1454.1
 330.0    0.06    0.05   34.68   27.86    24.7   0.517   1454.5
 340.0    0.11    0.10   34.70   27.88    23.1   0.519   1454.9
 350.0    0.15    0.14   34.72   27.89    22.0   0.521   1455.3
 370.0    0.23    0.21   34.76   27.92    19.8   0.526   1456.0
 390.0    0.28    0.27   34.78   27.93    18.5   0.529   1456.6
 410.0    0.34    0.32   34.80   27.95    17.3   0.533   1457.2
 430.0    0.38    0.36   34.81   27.96    16.5   0.536   1457.8
 450.0    0.41    0.39   34.82   27.96    16.0   0.540   1458.3
 470.0    0.43    0.41   34.83   27.97    15.3   0.543   1458.7
 490.0    0.45    0.43   34.84   27.98    14.8   0.546   1459.2
 510.0    0.46    0.44   34.85   27.98    14.3   0.549   1459.5
 530.0    0.45    0.43   34.85   27.98    14.1   0.552   1459.8
 550.0    0.44    0.42   34.86   27.99    13.7   0.555   1460.1
 570.0    0.42    0.40   34.86   27.99    13.3   0.557   1460.4
 590.0    0.40    0.38   34.86   27.99    13.1   0.560   1460.6
 610.0    0.38    0.35   34.87   28.00    12.6   0.563   1460.9
 630.0    0.36    0.33   34.87   28.00    12.3   0.565   1461.1
 650.0    0.34    0.31   34.87   28.00    12.0   0.568   1461.3
 670.0    0.31    0.28   34.87   28.01    11.7   0.570   1461.5
 690.0    0.27    0.24   34.87   28.01    11.5   0.572   1461.7
 710.0    0.25    0.22   34.87   28.01    11.2   0.575   1461.9
 730.0    0.24    0.21   34.88   28.01    11.0   0.577   1462.2

                        DEPTH       TEMP.       SALIN

       BOT NUM = 1        5.3       -1.63       30.48
       BOT NUM = 2       51.3                   30.50
       BOT NUM = 3      251.2       -0.71       34.20
       BOT NUM = 4      497.5        0.47
       BOT NUM = 5      730.1        0.23       34.90
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BIG BEAR STATION 239(1) STD    5/JUN/1975 1700 GMT  CODE = 2
LAT = 76.4597N LNG = 148.0876W LTER =       1. LGER =      2.
AIR TEMP =  -6.4 BAROM = 1014.0 WIND =  12.9 SPEED =  33.2

DEPTH     TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.62   -1.62   30.47   24.53   341.7   0.000   1435.3
   5.0   -1.62   -1.62   30.47   24.53   341.6   0.017   1435.4
   6.1   -1.62   -1.62   30.47   24.53   341.6   0.021   1435.4
  10.0   -1.62   -1.62   30.47   24.53   341.6   0.034   1435.5
  15.0   -1.62   -1.62   30.47   24.53   341.3   0.052   1435.5
  20.0   -1.62   -1.63   30.47   24.53   341.4   0.069   1435.6
  25.0   -1.63   -1.63   30.47   24.53   341.2   0.086   1435.7
  30.0   -1.63   -1.63   30.47   24.53   341.1   0.103   1435.8
  35.0   -1.62   -1.62   30.47   24.53   341.1   0.120   1435.9
  40.0   -1.62   -1.62   30.47   24.53   341.0   0.137   1436.0
  45.0   -1.62   -1.62   30.47   24.53   340.9   0.155   1436.0
  50.0   -1.62   -1.62   30.47   24.53   340.8   0.172   1436.1
  55.0   -1.63   -1.63   30.48   24.53   340.6   0.189   1436.2
  60.0   -1.16   -1.16   31.06   24.99   296.9   0.205   1439.3
  65.0   -1.06   -1.06   31.44   25.30   267.8   0.219   1440.4
  70.0   -1.03   -1.03   31.69   25.50   248.3   0.232   1441.0
  80.0   -1.12   -1.13   31.96   25.72   227.7   0.256   1441.1
  90.0   -1.24   -1.24   32.16   25.89   211.7   0.278   1441.0
 100.0   -1.33   -1.33   32.32   26.02   199.3   0.299   1440.9
 110.0   -1.38   -1.38   32.44   26.12   189.6   0.319   1441.0
 120.0   -1.42   -1.42   32.56   26.22   180.2   0.337   1441.2
 130.0   -1.45   -1.45   32.66   26.30   172.4   0.355   1441.4
 140.0   -1.46   -1.46   32.76   26.38   164.5   0.372   1441.6
 150.0   -1.48   -1.48   32.87   26.46   156.6   0.388   1441.8
 160.0   -1.49   -1.50   32.95   26.53   150.0   0.404   1442.0
 170.0   -1.50   -1.51   33.05   26.61   142.2   0.419   1442.3
 180.0   -1.50   -1.51   33.14   26.69   135.0   0.433   1442.6
 190.0   -1.49   -1.50   33.25   26.77   126.7   0.446   1442.9
 200.0   -1.45   -1.46   33.40   26.89   115.7   0.458   1443.5
 210.0   -1.37   -1.37   33.56   27.02   103.8   0.469   1444.3
 220.0   -1.24   -1.25   33.72   27.15    91.3   0.479   1445.3
 230.0   -1.06   -1.06   33.94   27.32    75.3   0.487   1446.6
 240.0   -0.88   -0.88   34.12   27.45    62.8   0.494   1447.9
 250.0   -0.70   -0.71   34.26   27.56    52.4   0.500   1449.1
 260.0   -0.56   -0.56   34.37   27.64    45.1   0.505   1450.1
 270.0   -0.42   -0.43   34.45   27.70    39.5   0.509   1450.9
 280.0   -0.33   -0.34   34.51   27.74    35.7   0.513   1451.6
 290.0   -0.24   -0.25   34.55   27.78    32.5   0.517   1452.3
 300.0   -0.14   -0.15   34.60   27.81    29.6   0.520   1453.0
 310.0   -0.05   -0.06   34.64   27.84    27.1   0.523   1453.6
 320.0    0.02    0.01   34.67   27.86    25.1   0.525   1454.1
 330.0    0.08    0.07   34.69   27.87    23.8   0.528   1454.6
 340.0    0.13    0.11   34.71   27.89    22.5   0.530   1455.0
 350.0    0.18    0.16   34.73   27.90    21.3   0.532   1455.4
 370.0    0.25    0.24   34.76   27.92    19.4   0.536   1456.1
 390.0    0.31    0.30   34.79   27.94    18.2   0.540   1456.8
 410.0    0.36    0.34   34.80   27.95    17.1   0.544   1457.3
 430.0    0.40    0.38   34.82   27.96    16.4   0.547   1457.9
 450.0    0.42    0.40   34.83   27.96    15.8   0.550   1458.3
 470.0    0.44    0.42   34.84   27.97    15.3   0.553   1458.7
 490.0    0.46    0.44   34.84   27.98    14.8   0.557   1459.2
 510.0    0.45    0.43   34.85   27.98    14.5   0.559   1459.5
 530.0    0.45    0.43   34.85   27.98    14.3   0.562   1459.8
 550.0    0.45    0.42   34.86   27.99    13.8   0.565   1460.1
 570.0    0.42    0.39   34.86   27.99    13.4   0.568   1460.4
 590.0    0.40    0.37   34.86   27.99    13.3   0.571   1460.6
 610.0    0.38    0.36   34.87   28.00    12.7   0.573   1460.9
 630.0    0.37    0.35   34.87   28.00    12.6   0.576   1461.2
 650.0    0.35    0.32   34.87   28.00    12.5   0.578   1461.4
 670.0    0.33    0.30   34.87   28.00    12.1   0.581   1461.6
 690.0    0.29    0.26   34.87   28.01    11.8   0.583   1461.8
 710.0    0.27    0.24   34.87   28.01    11.4   0.586   1462.0
 729.6    0.24    0.21   34.88   28.01    11.0   0.588   1462.2

                        DEPTH       TEMP.       SALIN

       BOT NUM = 1        5.3       -1.63       30.44
       BOT NUM = 2       51.4                   30.49
       BOT NUM = 3      251.7       -0.75       34.19
       BOT NUM = 4      497.9        0.47
       BOT NUM = 5      730.1        0.24       34.90
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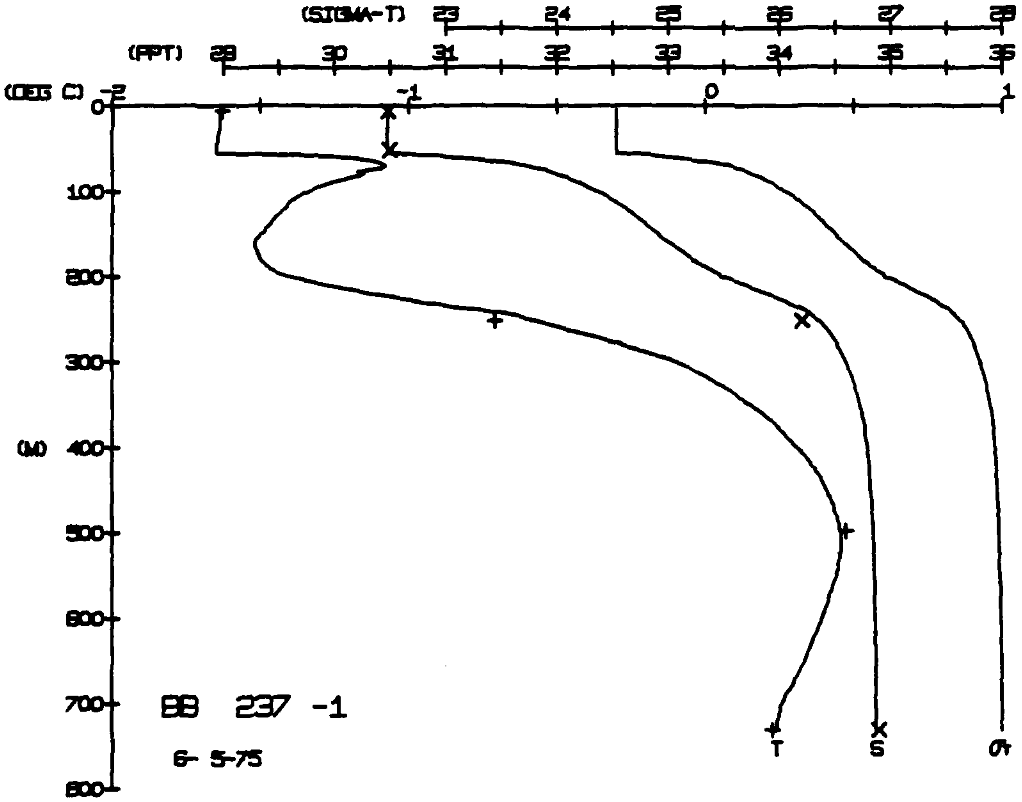

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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 237 -1
6- 5-75
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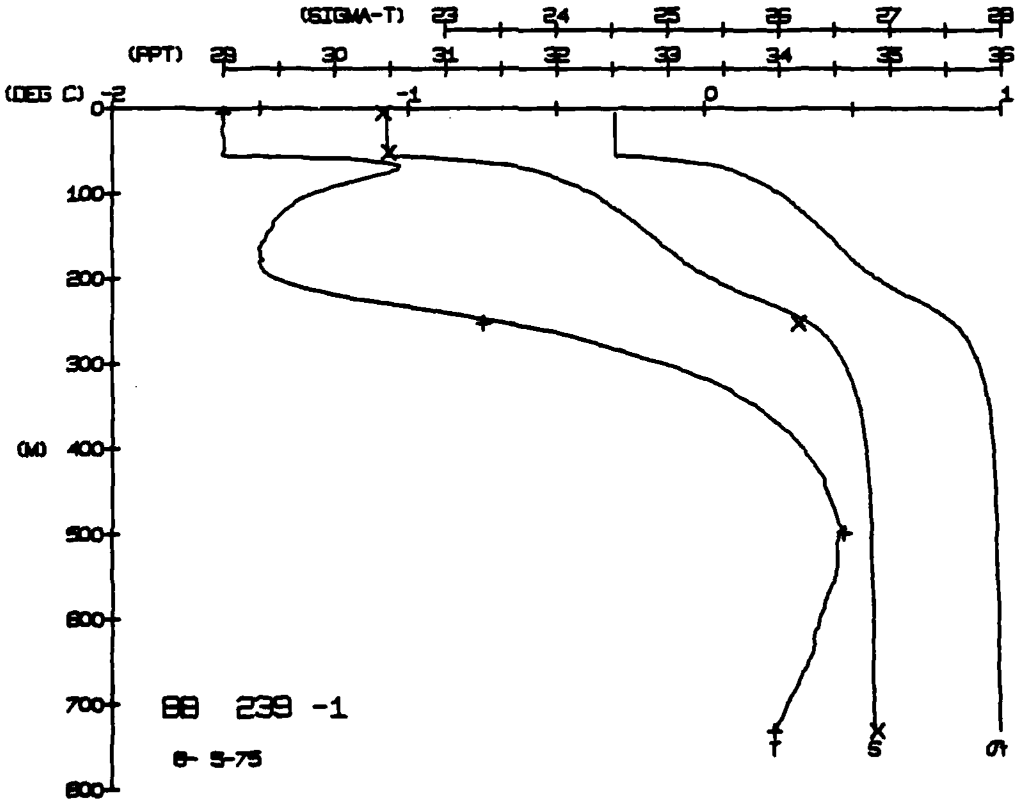

(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 238 -1
6- 5-75
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BIG BEAR STATION 241(1) STD   6/JUN/1975  500 GMT  CODE = 2
LAT = 76.4499N LNG = 148.1069W LTER =      0. LGER =      0.
AIR TEMP =  -6.4 BAROM = 1012.9 WIND =  12.9 SPEED =  33.2

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

    0.0   -1.66   -1.66   30.48   24.53   341.0   0.000  1435.1
    5.0   -1.66   -1.66   30.48   24.53   340.9   0.017  1435.2
    5.4   -1.66   -1.66   30.48   24.53   340.9   0.018  1435.2
   10.0   -1.65   -1.65   30.48   24.53   340.8   0.034  1435.3
   15.0   -1.65   -1.65   30.48   24.53   340.8   0.051  1435.4
   20.0   -1.65   -1.65   30.48   24.54   340.7   0.069  1435.5
   25.0   -1.65   -1.65   30.48   24.54   340.6   0.086  1435.6
   30.0   -1.65   -1.65   30.48   24.54   340.6   0.103  1435.7
   35.0   -1.65   -1.65   30.48   24.54   340.5   0.120  1435.7
   40.0   -1.65   -1.65   30.48   24.54   340.4   0.137  1435.8
   45.0   -1.65   -1.65   30.48   24.54   340.4   0.154  1435.9
   50.0   -1.66   -1.66   30.48   24.54   340.3   0.172  1436.0
   55.0   -1.66   -1.66   30.48   24.54   340.2   0.189  1436.0
   60.0   -1.25   -1.25   30.95   24.91   304.6   0.205  1438.7
   65.0   -1.10   -1.10   31.29   25.18   278.8   0.220  1440.0
   70.0   -1.05   -1.05   31.61   25.43   254.8   0.233  1440.7
   80.0   -1.14   -1.14   31.92   25.69   230.5   0.258  1440.9
   90.0   -1.25   -1.25   32.14   25.87   213.1   0.280  1440.9
  100.0   -1.33   -1.33   32.29   25.99   201.8   0.301  1440.9
  110.0   -1.39   -1.39   32.41   26.11   190.7   0.321  1441.0
  120.0   -1.42   -1.43   32.51   26.20   181.8   0.339  1441.1
  130.0   -1.45   -1.46   32.64   26.28   174.0   0.357  1441.3
  140.0   -1.47   -1.48   32.74   26.36   166.3   0.374  1441.5
  150.0   -1.49   -1.50   32.82   26.42   160.2   0.391  1441.7
  160.0   -1.51   -1.51   32.92   26.51   151.8   0.407  1441.9
  170.0   -1.51   -1.52   33.02   26.58   144.9   0.422  1442.2
  180.0   -1.52   -1.52   33.11   26.66   137.8   0.436  1442.5
  190.0   -1.50   -1.51   33.21   26.74   130.2   0.449  1442.8
  200.0   -1.48   -1.48   33.32   26.83   121.2   0.462  1443.3
  210.0   -1.42   -1.43   33.46   26.94   110.8   0.474  1443.9
  220.0   -1.32   -1.32   33.65   27.09    96.5   0.484  1444.8
  230.0   -1.17   -1.18   33.85   27.25    81.8   0.493  1446.0
  240.0   -1.00   -1.00   34.03   27.39    68.6   0.501  1447.2
  250.0   -0.84   -0.85   34.17   27.49    58.9   0.507  1448.3
  260.0   -0.65   -0.66   34.30   27.60    49.5   0.513  1449.5
  270.0   -0.52   -0.53   34.39   27.66    43.2   0.518  1450.4
  280.0   -0.41   -0.42   34.46   27.71    38.9   0.522  1451.2
  290.0   -0.30   -0.31   34.52   27.75    34.8   0.525  1452.0
  300.0   -0.19   -0.20   34.57   27.79    31.4   0.529  1452.7
  310.0   -0.11   -0.13   34.61   27.82    28.9   0.532  1453.3
  320.0   -0.04   -0.05   34.65   27.84    26.6   0.535  1453.8
  330.0    0.02    0.01   34.68   27.86    24.6   0.537  1454.3
  340.0    0.08    0.07   34.70   27.88    23.1   0.540  1454.8
  350.0    0.14    0.12   34.72   27.90    21.9   0.542  1455.2
  370.0    0.22    0.20   34.76   27.92    19.9   0.546  1456.0
  390.0    0.27    0.25   34.78   27.93    18.4   0.550  1456.6
  410.0    0.31    0.29   34.80   27.95    17.2   0.554  1457.1
  430.0    0.36    0.34   34.81   27.96    16.4   0.557  1457.7
  450.0    0.39    0.37   34.82   27.96    16.2   0.560  1458.2
  470.0    0.40    0.38   34.83   27.97    15.5   0.563  1458.6
  490.0    0.43    0.41   34.84   27.98    14.7   0.566  1459.1
  510.0    0.45    0.43   34.85   27.98    14.7   0.569  1459.5
  530.0    0.44    0.42   34.85   27.98    14.3   0.572  1459.8
  550.0    0.44    0.41   34.85   27.98    13.9   0.575  1460.1
  570.0    0.42    0.40   34.86   27.99    13.6   0.578  1460.4
  590.0    0.39    0.36   34.86   27.99    13.2   0.581  1460.5
  610.0    0.37    0.34   34.86   28.00    12.9   0.583  1460.8
  630.0    0.35    0.32   34.87   28.00    12.5   0.586  1461.0
  650.0    0.32    0.29   34.87   28.00    12.1   0.588  1461.3
  670.0    0.30    0.27   34.87   28.00    12.0   0.591  1461.5
  690.0    0.26    0.23   34.87   28.01    11.7   0.593  1461.7
  710.0    0.24    0.21   34.87   28.01    11.4   0.596  1461.9

                      DEPTH      TEMP.      SALIN

      BOT NUM = 1       4.6      -1.63      30.44
      BOT NUM = 2      45.2                 30.49
      BOT NUM = 3     245.1      -0.88      34.09
      BOT NUM = 4     500.2       0.47
      BOT NUM = 5     727.7       0.24      34.91
```

```
BIG BEAR STATION 243(2) STD   6/JUN/1975 1700 GMT  CODE = 2
LAT = 76.4402N LNG = 148.2660W LTER =     42. LGER =     86.
AIR TEMP =  -1.0 BAROM = 1014.2 WIND = 354.5 SPEED =  32.6

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

    0.0   -1.60   -1.60   30.48   24.54   340.7   0.000  1435.4
    5.0   -1.60   -1.60   30.48   24.54   340.7   0.017  1435.5
    5.8   -1.60   -1.60   30.48   24.54   340.7   0.020  1435.5
   10.0   -1.60   -1.60   30.48   24.54   340.6   0.034  1435.6
   15.0   -1.60   -1.60   30.48   24.54   340.5   0.051  1435.6
   20.0   -1.61   -1.61   30.48   24.54   340.4   0.069  1435.7
   25.0   -1.61   -1.61   30.48   24.54   340.4   0.086  1435.8
   30.0   -1.61   -1.61   30.48   24.54   340.3   0.103  1435.9
   35.0   -1.61   -1.61   30.48   24.54   340.3   0.120  1436.0
   40.0   -1.61   -1.61   30.48   24.54   340.2   0.137  1436.0
   45.0   -1.61   -1.61   30.48   24.54   340.1   0.154  1436.1
   50.0   -1.60   -1.60   30.49   24.54   340.1   0.171  1436.3
   55.0   -1.60   -1.60   30.50   24.55   338.7   0.189  1436.4
   60.0   -1.20   -1.20   30.89   24.86   309.2   0.205  1438.9
   65.0   -1.05   -1.05   31.25   25.14   282.6   0.220  1440.2
   70.0   -1.01   -1.01   31.54   25.38   260.4   0.233  1440.8
   80.0   -1.08   -1.08   31.91   25.68   231.5   0.258  1441.2
   90.0   -1.18   -1.18   32.09   25.83   217.1   0.281  1441.1
  100.0   -1.27   -1.27   32.27   25.97   203.2   0.302  1441.1
  110.0   -1.34   -1.34   32.41   26.09   192.5   0.322  1441.2
  120.0   -1.38   -1.38   32.52   26.18   183.6   0.341  1441.3
  130.0   -1.41   -1.42   32.63   26.27   175.2   0.359  1441.5
  140.0   -1.44   -1.44   32.73   26.35   167.2   0.376  1441.7
  150.0   -1.45   -1.45   32.81   26.42   161.0   0.393  1441.9
  160.0   -1.46   -1.46   32.91   26.49   153.6   0.409  1442.1
  170.0   -1.47   -1.47   32.99   26.56   146.8   0.424  1442.4
  180.0   -1.48   -1.49   33.07   26.63   140.9   0.438  1442.6
  190.0   -1.47   -1.48   33.16   26.70   133.7   0.452  1442.9
  200.0   -1.45   -1.45   33.28   26.80   124.4   0.465  1443.4
  210.0   -1.40   -1.41   33.41   26.90   114.5   0.477  1443.9
  220.0   -1.34   -1.34   33.55   27.01   104.2   0.488  1444.6
  230.0   -1.19   -1.19   33.74   27.16    90.3   0.498  1445.7
  240.0   -1.02   -1.03   33.93   27.31    76.5   0.507  1447.0
  250.0   -0.83   -0.84   34.14   27.47    61.2   0.514  1448.3
  260.0   -0.65   -0.66   34.27   27.57    51.8   0.519  1449.5
  270.0   -0.51   -0.52   34.37   27.64    45.0   0.524  1450.4
  280.0   -0.41   -0.42   34.45   27.70    39.7   0.528  1451.2
  290.0   -0.30   -0.31   34.51   27.75    35.6   0.532  1451.9
  300.0   -0.19   -0.20   34.56   27.78    32.0   0.536  1452.7
  310.0   -0.09   -0.10   34.61   27.81    29.4   0.539  1453.4
  320.0   -0.02   -0.03   34.64   27.83    27.4   0.542  1453.9
  330.0    0.05    0.03   34.67   27.85    25.6   0.544  1454.4
  340.0    0.11    0.10   34.69   27.87    23.9   0.547  1454.9
  350.0    0.17    0.15   34.72   27.89    22.3   0.549  1455.4
  370.0    0.27    0.26   34.76   27.92    20.1   0.553  1456.2
  390.0    0.33    0.32   34.78   27.93    18.5   0.557  1456.9
  410.0    0.39    0.37   34.80   27.95    17.3   0.561  1457.5
  430.0    0.42    0.40   34.82   27.96    16.5   0.564  1458.0
  450.0    0.44    0.42   34.83   27.96    16.0   0.568  1458.4
  470.0    0.46    0.44   34.84   27.97    15.5   0.571  1458.9
  490.0    0.48    0.46   34.84   27.97    14.9   0.574  1459.3
  510.0    0.48    0.46   34.85   27.98    14.6   0.577  1459.6
  530.0    0.48    0.46   34.85   27.98    14.3   0.580  1460.0
  550.0    0.48    0.46   34.86   27.98    14.0   0.583  1460.3
  570.0    0.46    0.43   34.86   27.99    13.7   0.585  1460.5
  590.0    0.44    0.41   34.86   27.99    13.3   0.588  1460.8
  610.0    0.42    0.39   34.87   28.00    12.8   0.591  1461.0
  630.0    0.39    0.36   34.87   28.00    12.6   0.593  1461.2
  650.0    0.36    0.33   34.87   28.00    12.2   0.596  1461.4
  670.0    0.34    0.31   34.87   28.00    12.0   0.598  1461.7
  690.0    0.30    0.27   34.87   28.01    11.7   0.601  1461.8
  710.0    0.26    0.23   34.88   28.01    11.1   0.603  1462.0
  728.8    0.24    0.21   34.88   28.01    10.9   0.605  1462.2

                      DEPTH      TEMP.      SALIN

      BOT NUM = 1       5.0      -1.63      30.48
      BOT NUM = 2      45.9                 30.48
      BOT NUM = 3     250.6      -0.81      34.17
      BOT NUM = 4     550.4       0.47
      BOT NUM = 5     728.8       0.25      34.86
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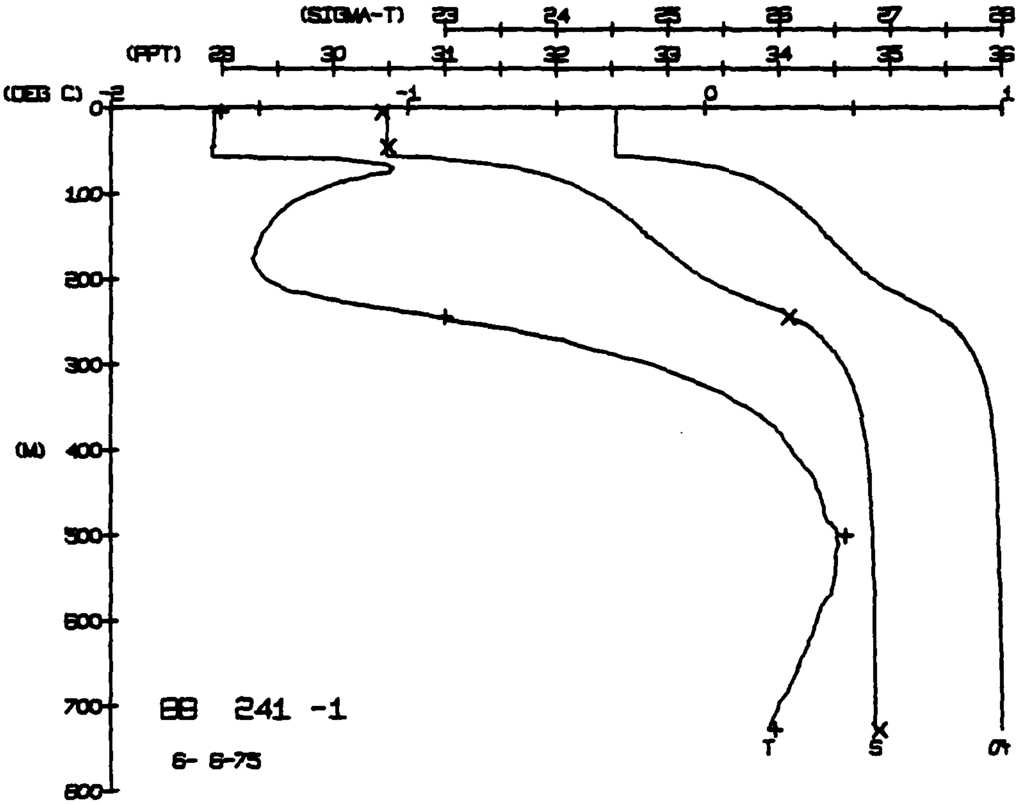
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(PPT)
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(DEG C)
-2
-1
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(M)
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6- 6-75
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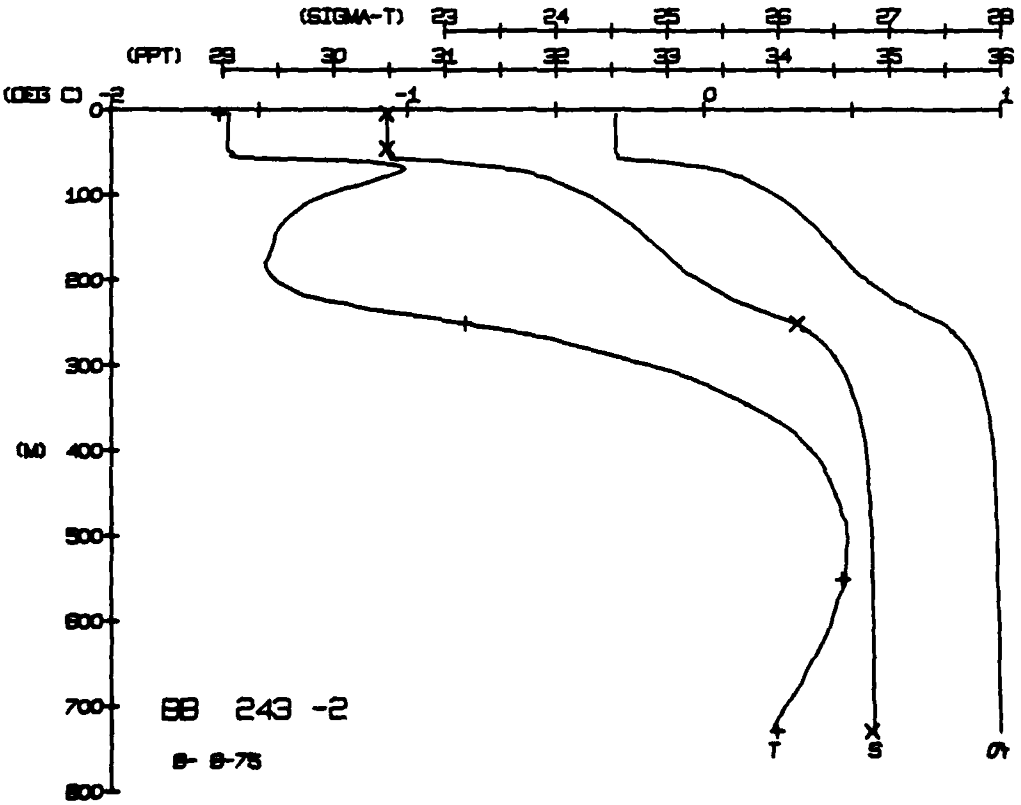
(SIGMA-T)
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24
25
26
27
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(PPT)
29
30
31
32
33
34
35
36
(DEG C)
-2
-1
0
1
0
100
200
300
(M)
400
500
600
700
800
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8- 8-75
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S
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```
BIG BEAR STATION 245(1) STD     7/JUN/1978  500 GMT  CODE = 2
LAT = 76.4202N LNG = 148.3701W LTER =        0, LGER =      0,
AIR TEMP =  -1.0 BAROM = 1017.3 WIND = 354.5 SPEED =   32.6

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.63   -1.63   30.40   24.53   341.0   0.000  1435.3
   5.0   -1.63   -1.63   30.40   24.53   341.0   0.017  1435.4
   6.3   -1.63   -1.63   30.40   24.53   341.0   0.022  1435.4
  10.0   -1.63   -1.63   30.40   24.54   340.8   0.034  1435.4
  15.0   -1.63   -1.63   30.40   24.53   340.8   0.051  1435.5
  20.0   -1.63   -1.63   30.40   24.53   340.8   0.069  1435.6
  25.0   -1.63   -1.63   30.40   24.53   340.7   0.086  1435.7
  30.0   -1.63   -1.63   30.40   24.53   340.6   0.103  1435.8
  35.0   -1.63   -1.63   30.40   24.53   340.6   0.120  1435.9
  40.0   -1.62   -1.62   30.40   24.53   340.5   0.137  1436.0
  45.0   -1.62   -1.62   30.40   24.54   340.3   0.154  1436.0
  50.0   -1.63   -1.63   30.40   24.54   340.2   0.172  1436.1
  55.0   -1.21   -1.22   31.05   24.97   297.6   0.188  1438.9
  60.0   -1.06   -1.06   31.40   25.27   270.7   0.202  1440.3
  65.0   -1.04   -1.04   31.65   25.47   251.6   0.215  1440.8
  70.0   -1.08   -1.08   31.81   25.60   239.2   0.227  1440.9
  80.0   -1.19   -1.20   32.10   25.83   216.6   0.250  1440.9
  90.0   -1.30   -1.30   32.28   25.98   202.5   0.272  1440.9
 100.0   -1.37   -1.37   32.43   26.11   190.4   0.291  1440.9
 110.0   -1.41   -1.41   32.55   26.21   181.1   0.310  1441.0
 120.0   -1.43   -1.43   32.65   26.29   173.8   0.328  1441.3
 130.0   -1.40   -1.40   32.72   26.34   168.0   0.345  1441.6
 140.0   -1.40   -1.40   32.77   26.38   164.0   0.362  1441.9
 150.0   -1.42   -1.43   32.83   26.43   159.8   0.378  1442.0
 160.0   -1.44   -1.45   32.88   26.47   155.8   0.394  1442.2
 170.0   -1.48   -1.49   32.93   26.51   151.6   0.410  1442.2
 180.0   -1.50   -1.51   33.00   26.57   146.3   0.425  1442.4
 190.0   -1.50   -1.50   33.09   26.65   139.9   0.439  1442.7
 200.0   -1.49   -1.49   33.21   26.74   129.7   0.453  1443.1
 210.0   -1.46   -1.46   33.33   26.84   120.5   0.465  1443.6
 220.0   -1.37   -1.37   33.52   26.99   106.6   0.477  1444.4
 230.0   -1.25   -1.25   33.75   27.15    91.0   0.487  1445.4
 240.0   -1.04   -1.05   33.95   27.32    75.1   0.495  1446.9
 250.0   -0.85   -0.86   34.12   27.46    62.3   0.502  1448.2
 260.0   -0.67   -0.67   34.28   27.58    51.1   0.508  1449.3
 270.0   -0.55   -0.55   34.37   27.65    44.7   0.513  1450.3
 280.0   -0.42   -0.43   34.46   27.71    38.6   0.517  1451.2
 290.0   -0.30   -0.31   34.52   27.75    34.8   0.521  1452.0
 300.0   -0.20   -0.21   34.56   27.79    31.9   0.524  1452.9
 310.0   -0.11   -0.12   34.61   27.82    28.9   0.527  1453.3
 320.0   -0.03   -0.04   34.64   27.84    26.7   0.530  1453.9
 330.0    0.05    0.03   34.68   27.86    24.7   0.533  1454.4
 340.0    0.11    0.10   34.71   27.88    22.9   0.535  1454.9
 350.0    0.18    0.16   34.73   27.90    21.7   0.537  1455.4
 370.0    0.25    0.24   34.76   27.92    19.9   0.541  1456.1
 390.0    0.32    0.30   34.78   27.94    18.3   0.545  1456.8
 410.0    0.36    0.34   34.80   27.95    17.3   0.549  1457.3
 430.0    0.40    0.38   34.82   27.96    16.4   0.552  1457.9
 450.0    0.42    0.40   34.83   27.96    15.8   0.555  1458.3
 470.0    0.45    0.42   34.84   27.97    15.3   0.559  1458.8
 490.0    0.46    0.44   34.85   27.98    14.7   0.562  1459.2
 510.0    0.47    0.44   34.85   27.98    14.2   0.565  1459.6
 530.0    0.47    0.44   34.86   27.99    14.0   0.567  1459.9
 550.0    0.47    0.44   34.86   27.99    13.8   0.570  1460.2
 570.0    0.45    0.42   34.86   27.99    13.6   0.573  1460.5
 590.0    0.43    0.40   34.86   27.99    13.1   0.576  1460.7
 610.0    0.41    0.38   34.87   28.00    12.6   0.578  1461.0
 630.0    0.38    0.35   34.87   28.00    12.4   0.581  1461.2
 650.0    0.35    0.32   34.87   28.00    12.1   0.583  1461.4
 670.0    0.32    0.29   34.87   28.01    11.8   0.586  1461.6
 690.0    0.30    0.26   34.88   28.01    11.4   0.588  1461.8
 710.0    0.26    0.23   34.88   28.01    11.1   0.590  1462.0
 727.9    0.24    0.20   34.88   28.02    10.8   0.592  1462.2

                          DEPTH       TEMP.       SALIN

         BOT NUM = 1        4.0       -1.63       30.47
         BOT NUM = 2       45.4                   30.47
         BOT NUM = 3      249.3       -0.88       34.13
         BOT NUM = 4      499.3        0.47       34.83
         BOT NUM = 5      727.9        0.25       34.84
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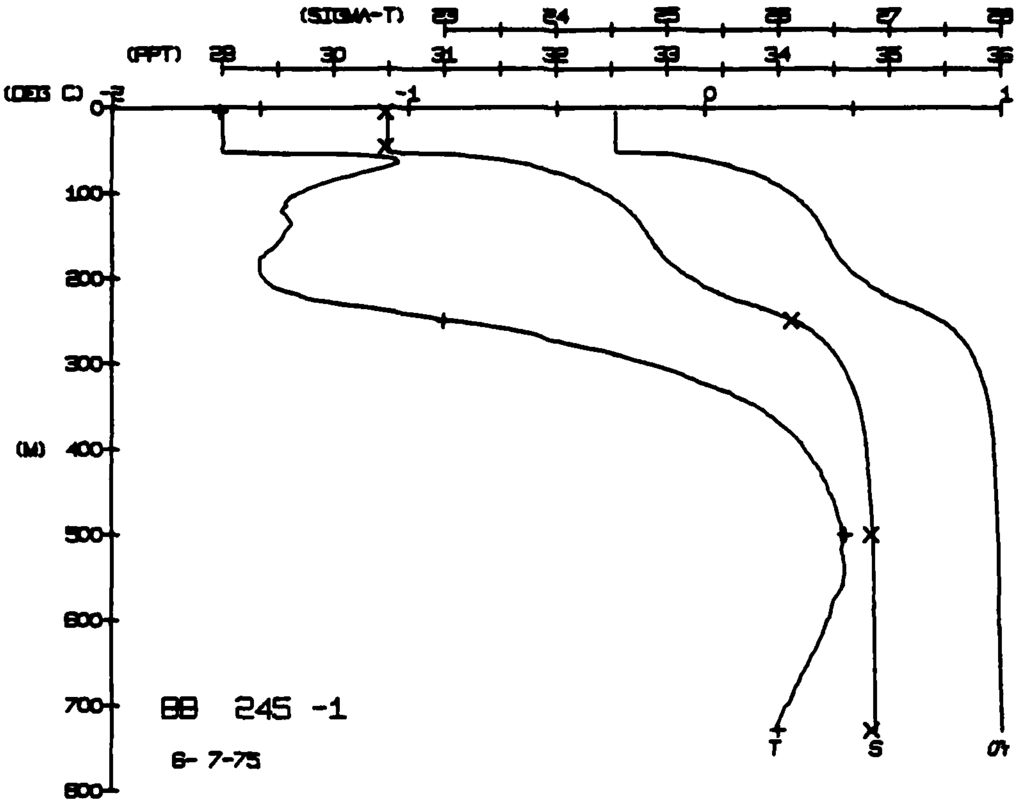
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(DEG C) -2 -1 0 1
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100
200
300
(M) 400
500
600
700
800
BB 245 -1
6- 7-75
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                              BIG BEAR STATION 247(1) STD    7/JUN/1975 1700 GMT  CODE = 2
                               LAT = 76.4177N LNG = 148.4272W LTER =      0. LGEN =      0.
                               AIR TEMP =  -0.2 BARUM = 1019.4 WIND =    8.6 SPEED =  32.3

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND          DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0  -1.63  -1.63  30.47  24.53  341.8  0.000  1435.2          850.0   0.08   0.04  34.88  28.02    9.7  0.606  1463.5
  4.8  -1.63  -1.63  30.47  24.53  341.7  0.017  1435.3          900.0   0.02  -0.02  34.88  28.03    9.1  0.610  1464.1
  5.0  -1.63  -1.63  30.47  24.53  341.7  0.017  1435.3          950.0  -0.03  -0.07  34.89  28.04    8.2  0.615  1464.7
 10.0  -1.63  -1.63  30.47  24.53  341.7  0.034  1435.4         1000.0  -0.07  -0.11  34.89  28.04    7.7  0.619  1465.4
 15.0  -1.63  -1.63  30.47  24.53  341.6  0.052  1435.5         1050.0  -0.11  -0.16  34.89  28.05    7.1  0.623  1466.0
 20.0  -1.63  -1.63  30.47  24.52  341.7  0.069  1435.6         1100.0  -0.14  -0.19  34.90  28.05    6.6  0.626  1466.7
 25.0  -1.63  -1.63  30.47  24.53  341.6  0.086  1435.7         1150.0  -0.18  -0.23  34.90  28.05    6.1  0.629  1467.4
 30.0  -1.63  -1.63  30.47  24.53  341.4  0.103  1435.7         1200.0  -0.21  -0.26  34.90  28.06    5.6  0.632  1468.1
 35.0  -1.63  -1.63  30.47  24.53  341.3  0.120  1435.8         1250.0  -0.23  -0.29  34.90  28.06    5.2  0.635  1468.8
 40.0  -1.64  -1.64  30.47  24.53  341.1  0.138  1435.9         1300.0  -0.26  -0.32  34.91  28.07    4.6  0.637  1469.5
 45.0  -1.64  -1.64  30.47  24.53  341.0  0.155  1436.0         1350.0  -0.29  -0.35  34.91  28.07    4.2  0.640  1470.3
 50.0  -1.61  -1.61  30.48  24.54  340.1  0.172  1436.2         1400.0  -0.30  -0.37  34.91  28.07    3.9  0.642  1471.0
 55.0  -1.11  -1.11  31.24  25.14  283.3  0.188  1439.7         1450.0  -0.33  -0.40  34.92  28.08    3.4  0.644  1471.8
 60.0  -1.05  -1.05  31.61  25.44  254.6  0.201  1440.6         1500.0  -0.35  -0.42  34.92  28.08    2.9  0.645  1472.5
 65.0  -1.09  -1.09  31.80  25.59  240.3  0.214  1440.8         1550.0  -0.36  -0.44  34.92  28.08    2.5  0.647  1473.3
 70.0  -1.14  -1.14  31.94  25.70  229.5  0.225  1440.8         1600.0  -0.37  -0.45  34.92  28.08    2.4  0.648  1474.1
 80.0  -1.26  -1.26  32.19  25.91  209.6  0.248  1440.7         1650.0  -0.39  -0.47  34.92  28.08    2.1  0.649  1474.9
 90.0  -1.33  -1.33  32.35  26.04  197.0  0.268  1440.8         1700.0  -0.39  -0.47  34.93  28.09    1.8  0.650  1475.7
100.0  -1.39  -1.40  32.49  26.15  186.4  0.287  1440.9         1750.0  -0.40  -0.49  34.93  28.09    1.6  0.651  1476.5
110.0  -1.39  -1.39  32.58  26.23  179.1  0.306  1441.2         1800.0  -0.41  -0.50  34.93  28.09    1.3  0.651  1477.3
120.0  -1.33  -1.33  32.65  26.28  173.8  0.324  1441.7         1850.0  -0.41  -0.50  34.93  28.09    1.1  0.652  1478.2
130.0  -1.33  -1.34  32.71  26.33  169.0  0.341  1442.0         1900.0  -0.42  -0.51  34.93  28.09    0.8  0.653  1479.0
140.0  -1.35  -1.35  32.76  26.38  164.8  0.358  1442.1         1950.0  -0.42  -0.52  34.93  28.09    0.7  0.653  1479.9
150.0  -1.40  -1.40  32.82  26.42  160.6  0.374  1442.1         2000.0  -0.42  -0.52  34.94  28.10    0.5  0.653  1480.7
160.0  -1.45  -1.45  32.87  26.46  156.4  0.390  1442.1         2050.0  -0.42  -0.53  34.94  28.10    0.3  0.653  1481.5
170.0  -1.49  -1.50  32.92  26.51  152.2  0.406  1442.1         2100.0  -0.42  -0.53  34.94  28.10    0.3  0.654  1482.4
180.0  -1.51  -1.51  32.98  26.56  147.4  0.421  1442.3         2150.0  -0.42  -0.53  34.94  28.10    0.3  0.654  1483.3
190.0  -1.51  -1.51  33.07  26.63  140.7  0.435  1442.6         2200.0  -0.42  -0.53  34.94  28.10    0.2  0.654  1484.1
200.0  -1.47  -1.48  33.23  26.75  128.6  0.449  1443.2         2250.0  -0.41  -0.53  34.94  28.10    0.1  0.654  1485.0
210.0  -1.44  -1.45  33.34  26.85  119.9  0.462  1443.7         2300.0  -0.41  -0.53  34.94  28.10    0.1  0.654  1485.9
220.0  -1.30  -1.31  33.59  27.04  101.5  0.473  1444.8         2350.0  -0.40  -0.53  34.94  28.10    0.0  0.654  1486.7
230.0  -1.16  -1.16  33.80  27.21   85.9  0.482  1446.0         2400.0  -0.40  -0.53  34.94  28.10   -0.1  0.654  1487.6
240.0  -0.96  -0.96  34.01  27.37   70.5  0.490  1447.4         2450.0  -0.40  -0.53  34.94  28.10   -0.1  0.654  1488.5
250.0  -0.79  -0.80  34.15  27.48   60.3  0.497  1448.5         2500.0  -0.39  -0.53  34.94  28.10   -0.1  0.654  1489.4
260.0  -0.60  -0.60  34.27  27.57   52.3  0.502  1449.7         2550.0  -0.39  -0.53  34.94  28.10   -0.3  0.654  1490.2
270.0  -0.48  -0.49  34.36  27.63   46.1  0.507  1450.6         2600.0  -0.39  -0.53  34.94  28.10   -0.3  0.654  1491.1
280.0  -0.39  -0.40  34.41  27.67   42.3  0.512  1451.2         2650.0  -0.38  -0.53  34.95  28.10   -0.5  0.654  1492.0
290.0  -0.31  -0.32  34.47  27.72   38.1  0.516  1451.9         2700.0  -0.37  -0.53  34.95  28.10   -0.4  0.653  1492.9
300.0  -0.23  -0.24  34.52  27.75   34.8  0.520  1452.4         2750.0  -0.37  -0.53  34.95  28.10   -0.4  0.653  1493.7
310.0  -0.15  -0.17  34.57  27.78   32.0  0.523  1453.0         2800.0  -0.37  -0.53  34.94  28.10   -0.3  0.653  1494.6
320.0  -0.08  -0.09  34.61  27.81   29.5  0.526  1453.6         2850.0  -0.36  -0.53  34.95  28.10   -0.4  0.653  1495.5
330.0  -0.01  -0.02  34.63  27.83   27.6  0.529  1454.1         2900.0  -0.36  -0.53  34.95  28.10   -0.5  0.652  1496.4
340.0   0.05   0.04  34.66  27.85   25.9  0.532  1454.6
350.0   0.10   0.09  34.68  27.87   24.6  0.534  1455.0
370.0   0.21   0.19  34.73  27.90   21.7  0.539  1455.9
390.0   0.28   0.26  34.76  27.92   19.7  0.543  1456.6
410.0   0.33   0.31  34.78  27.94   18.3  0.547  1457.2
430.0   0.38   0.36  34.80  27.95   17.4  0.551  1457.8
450.0   0.42   0.40  34.81  27.95   16.7  0.554  1458.3
470.0   0.44   0.42  34.83  27.96   16.0  0.557  1458.7
490.0   0.46   0.44  34.84  27.97   15.3  0.560  1459.2
510.0   0.48   0.46  34.84  27.97   15.1  0.564  1459.6
530.0   0.47   0.44  34.84  27.98   14.9  0.567  1459.9
550.0   0.47   0.44  34.85  27.98   14.5  0.570  1460.2
570.0   0.45   0.42  34.85  27.98   14.3  0.572  1460.5
590.0   0.43   0.40  34.86  27.99   13.8  0.575  1460.7
610.0   0.41   0.38  34.86  27.99   13.5  0.578  1461.0
630.0   0.39   0.36  34.86  27.99   13.0  0.581  1461.2
650.0   0.36   0.33  34.86  28.00   12.7  0.583  1461.4
670.0   0.33   0.30  34.86  28.00   12.5  0.586  1461.6
690.0   0.29   0.26  34.86  28.00   12.2  0.588  1461.8
710.0   0.26   0.23  34.87  28.00   11.8  0.591  1462.0
730.0   0.23   0.20  34.87  28.01   11.2  0.593  1462.2
750.0   0.20   0.17  34.87  28.01   10.9  0.595  1462.4
800.0   0.13   0.10  34.88  28.02   10.3  0.601  1462.9

                                                      DEPTH        TEMP.        SALIN

                                    BOT NUM = 1         4.1        -1.63        30.46
                                    BOT NUM = 2        39.8                     30.46
                                    BOT NUM = 3      1000.0                     34.88
                                    BOT NUM = 4      1999.5        -0.41
                                    BOT NUM = 5      2941.1        -0.34        34.95
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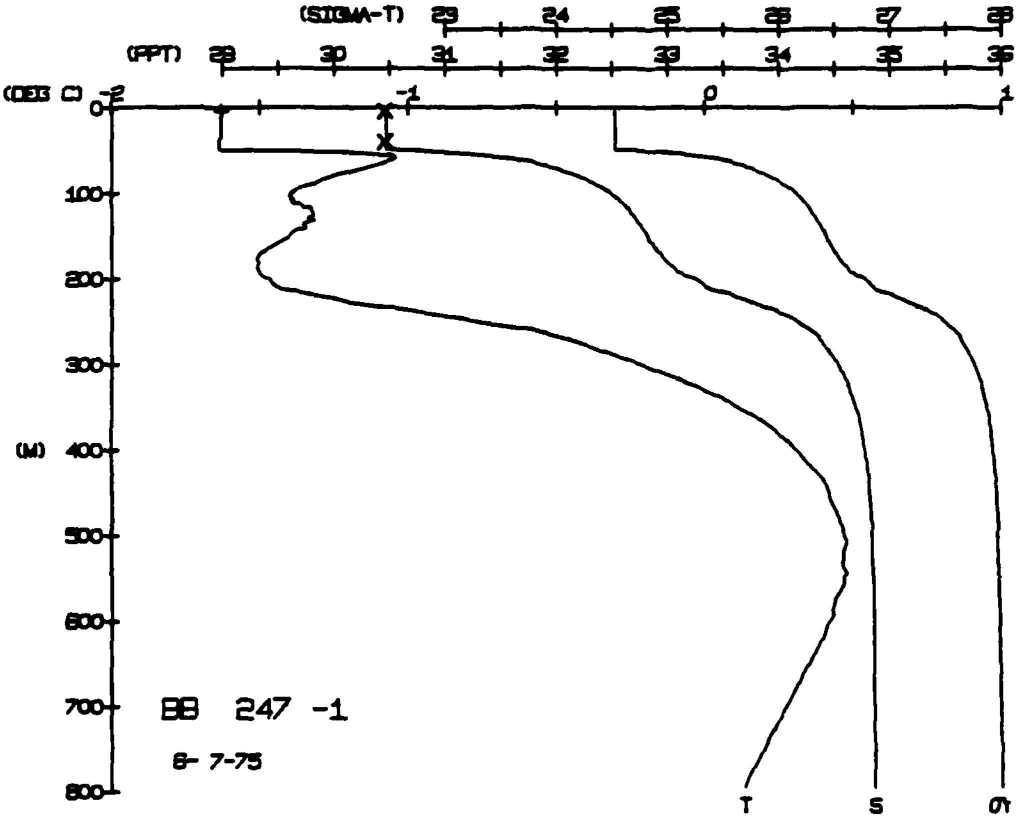
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(M) 400
500
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700
800
BB 247 -1
8- 7-75
T
S
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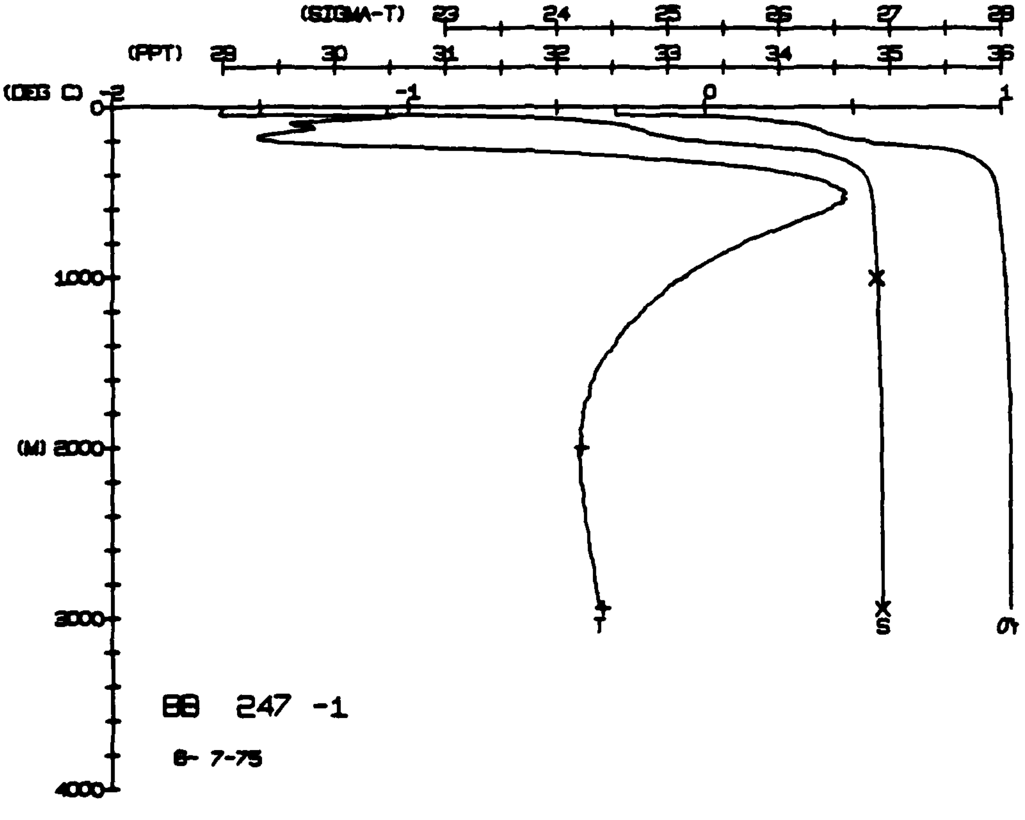
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
1000
(M) 2000
3000
4000
T
S
σt
BB 247 -1
8- 7-75

```
BIG BEAR STATION 249(1) STD   8/JUN/1975  500 GMT  CODE = 2
LAT = 76.4076N LNG = 148.4733W LTER =      1, LGER =      2,
AIR TEMP =  -0.2 BAROM = 1022.5 WIND =   8.6 SPEED =  32.3

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVUL  DYNHT  SOUND

   0.0   -1.63  -1.63  30.47  24.53  341.5  0.000  1435.1
   5.0   -1.63  -1.63  30.47  24.53  341.4  0.017  1435.3
   5.9   -1.63  -1.63  30.47  24.53  341.4  0.020  1435.4
  10.0   -1.63  -1.63  30.48  24.53  341.2  0.034  1435.4
  15.0   -1.62  -1.62  30.48  24.53  341.1  0.052  1435.5
  20.0   -1.63  -1.63  30.48  24.53  341.1  0.069  1435.6
  25.0   -1.63  -1.63  30.48  24.53  341.0  0.086  1435.7
  30.0   -1.63  -1.63  30.48  24.53  340.9  0.103  1435.8
  35.0   -1.62  -1.63  30.48  24.53  340.9  0.120  1435.9
  40.0   -1.62  -1.63  30.48  24.53  340.8  0.137  1435.9
  45.0   -1.63  -1.63  30.48  24.53  340.7  0.155  1436.0
  50.0   -1.63  -1.63  30.49  24.53  340.6  0.172  1436.1
  55.0   -1.47  -1.47  30.93  24.89  306.3  0.188  1437.6
  60.0   -1.08  -1.08  31.42  25.28  269.4  0.203  1440.2
  65.0   -1.05  -1.05  31.65  25.48  250.6  0.216  1440.7
  70.0   -1.09  -1.09  31.93  25.62  237.6  0.228  1440.9
  80.0   -1.21  -1.21  32.11  25.84  215.9  0.251  1440.9
  90.0   -1.31  -1.31  32.20  25.99  202.3  0.272  1440.8
 100.0   -1.36  -1.36  32.41  26.09  192.0  0.292  1440.9
 110.0   -1.39  -1.39  32.51  26.17  184.1  0.311  1441.1
 120.0   -1.38  -1.39  32.57  26.22  179.5  0.329  1441.4
 130.0   -1.36  -1.36  32.64  26.27  174.7  0.347  1441.7
 140.0   -1.36  -1.37  32.69  26.32  170.2  0.364  1441.9
 150.0   -1.41  -1.42  32.76  26.37  165.2  0.381  1442.0
 160.0   -1.45  -1.46  32.81  26.41  161.3  0.398  1442.0
 170.0   -1.47  -1.48  32.88  26.47  155.3  0.414  1442.2
 180.0   -1.49  -1.49  32.97  26.54  148.8  0.429  1442.4
 190.0   -1.50  -1.51  33.05  26.61  142.3  0.444  1442.6
 200.0   -1.49  -1.50  33.15  26.69  134.5  0.458  1443.0
 210.0   -1.45  -1.46  33.30  26.81  123.0  0.471  1443.6
 220.0   -1.38  -1.38  33.47  26.94  110.6  0.482  1444.3
 230.0   -1.25  -1.26  33.68  27.12   94.4  0.493  1445.3
 240.0   -1.08  -1.09  33.87  27.28   78.9  0.502  1446.6
 250.0   -0.89  -0.89  34.09  27.44   64.5  0.509  1448.0
 260.0   -0.72  -0.72  34.24  27.55   53.7  0.515  1449.1
 270.0   -0.53  -0.54  34.37  27.64   45.2  0.520  1450.4
 280.0   -0.40  -0.41  34.45  27.70   39.6  0.524  1451.2
 290.0   -0.30  -0.31  34.50  27.74   36.0  0.528  1451.9
 300.0   -0.20  -0.21  34.55  27.78   32.8  0.531  1452.6
 310.0   -0.12  -0.13  34.60  27.81   29.9  0.535  1453.2
 320.0   -0.04  -0.05  34.63  27.83   27.6  0.537  1453.8
 330.0    0.02   0.01  34.66  27.86   25.5  0.540  1454.3
 340.0    0.10   0.08  34.69  27.87   23.8  0.543  1454.8
 350.0    0.16   0.14  34.71  27.89   22.5  0.545  1455.3
 370.0    0.24   0.23  34.75  27.91   20.3  0.549  1456.1
 390.0    0.31   0.29  34.78  27.93   18.6  0.553  1456.7
 410.0    0.36   0.35  34.80  27.95   17.4  0.557  1457.4
 430.0    0.40   0.38  34.82  27.96   16.6  0.560  1457.9
 450.0    0.43   0.41  34.82  27.96   16.0  0.564  1458.4
 470.0    0.45   0.43  34.84  27.97   15.4  0.567  1458.8
 490.0    0.47   0.45  34.85  27.98   14.8  0.570  1459.2
 510.0    0.46   0.44  34.85  27.98   14.5  0.573  1459.5
 530.0    0.46   0.44  34.85  27.98   14.3  0.576  1459.9
 550.0    0.46   0.44  34.86  27.99   13.9  0.578  1460.2
 570.0    0.44   0.41  34.86  27.99   13.7  0.581  1460.4
 590.0    0.42   0.39  34.86  27.99   13.4  0.584  1460.7
 610.0    0.40   0.37  34.86  28.00   13.0  0.587  1460.9
 630.0    0.38   0.35  34.86  28.00   12.8  0.589  1461.2
 650.0    0.34   0.31  34.87  28.00   12.4  0.592  1461.3
 670.0    0.31   0.28  34.87  28.00   12.0  0.594  1461.6
 690.0    0.28   0.25  34.87  28.01   11.7  0.597  1461.7
 710.0    0.26   0.22  34.87  28.01   11.3  0.599  1462.0

                       DEPTH      TEMP.      SALIN

      BOT NUM = 1        4.4      -1.63      30.46
      BOT NUM = 2       45.2                 30.48
      BOT NUM = 3      249.2      -0.89
      BOT NUM = 4      499.1       0.49      34.84
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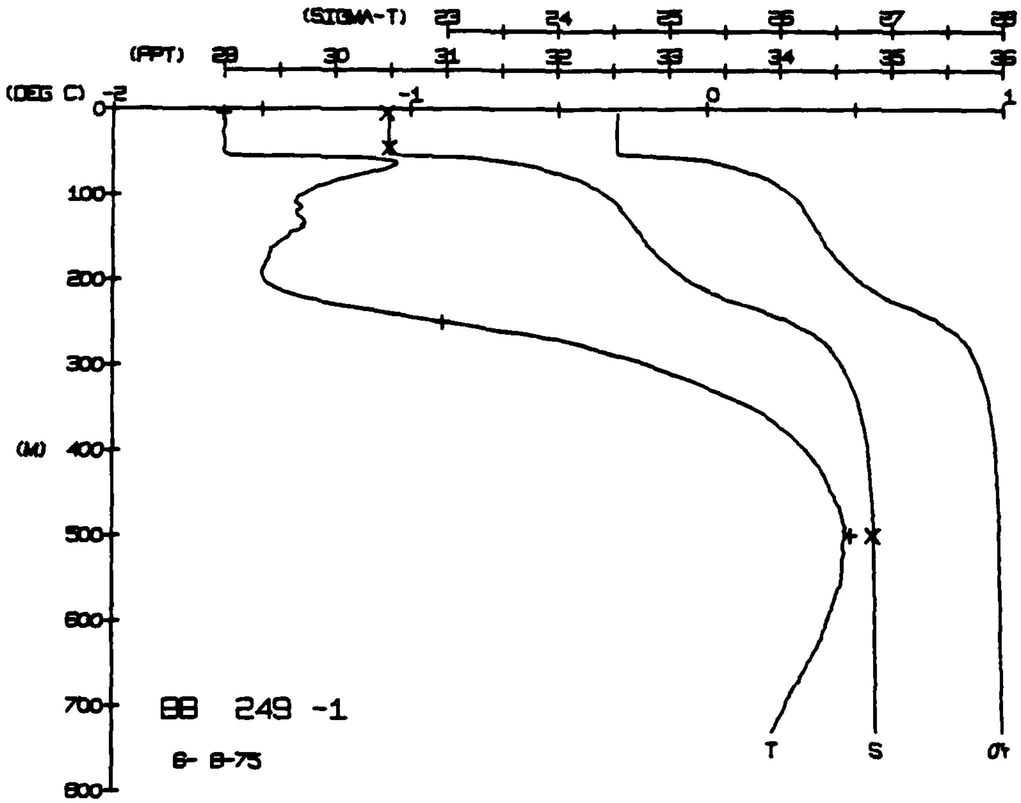
BIG BEAR STATION 251(1) STD   8/JUN/1975 1700 GMT  CODE = 2
LAT = 76.3875N LNG = 148.5131W LTER =      0, LGER =      1,
AIR TEMP =  -0.6 BAROM = 1023.5 WIND = 331.7 SPEED =  36.5

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0   -1.63  -1.63  30.48  24.53  341.1  0.000  1435.2
   5.0   -1.63  -1.63  30.48  24.53  341.0  0.017  1435.3
   5.9   -1.63  -1.63  30.48  24.53  341.0  0.017  1435.3
  10.0   -1.63  -1.63  30.48  24.53  341.0  0.034  1435.4
  15.0   -1.63  -1.63  30.48  24.53  340.9  0.051  1435.5
  20.0   -1.63  -1.63  30.48  24.53  341.0  0.069  1435.6
  25.0   -1.63  -1.63  30.48  24.53  340.9  0.086  1435.7
  30.0   -1.63  -1.63  30.48  24.53  340.8  0.103  1435.8
  35.0   -1.63  -1.63  30.48  24.53  340.8  0.120  1435.8
  40.0   -1.63  -1.63  30.48  24.53  340.7  0.137  1435.9
  45.0   -1.63  -1.63  30.48  24.53  340.4  0.154  1436.0
  50.0   -1.63  -1.63  30.49  24.54  339.8  0.172  1436.1
  55.0   -1.19  -1.19  31.33  25.21  275.9  0.187  1439.5
  60.0   -1.05  -1.05  31.67  25.48  250.3  0.200  1440.7
  65.0   -1.10  -1.10  31.90  25.67  232.4  0.213  1440.8
  70.0   -1.19  -1.19  32.05  25.79  220.8  0.224  1440.7
  80.0   -1.24  -1.24  32.26  25.97  204.0  0.245  1440.9
  90.0   -1.26  -1.26  32.34  26.03  198.2  0.266  1441.1
 100.0   -1.26  -1.26  32.41  26.09  192.4  0.285  1441.4
 110.0   -1.23  -1.23  32.48  26.14  187.6  0.304  1441.8
 120.0   -1.20  -1.21  32.54  26.19  182.9  0.323  1442.1
 130.0   -1.17  -1.17  32.59  26.23  178.4  0.341  1442.6
 140.0   -1.16  -1.16  32.66  26.29  173.2  0.359  1442.9
 150.0   -1.20  -1.20  32.71  26.32  169.7  0.376  1442.9
 160.0   -1.27  -1.27  32.76  26.37  165.1  0.393  1442.8
 170.0   -1.35  -1.35  32.82  26.42  160.5  0.410  1442.7
 180.0   -1.43  -1.43  32.87  26.46  156.4  0.426  1442.6
 190.0   -1.48  -1.48  32.91  26.50  153.0  0.441  1442.5
 200.0   -1.50  -1.51  32.99  26.56  146.6  0.457  1442.7
 210.0   -1.50  -1.51  33.13  26.68  136.0  0.471  1443.1
 220.0   -1.47  -1.47  33.28  26.79  124.7  0.484  1443.6
 230.0   -1.39  -1.39  33.44  26.92  112.4  0.496  1444.4
 240.0   -1.24  -1.25  33.71  27.14   92.0  0.506  1445.6
 250.0   -1.01  -1.02  34.01  27.38   69.9  0.514  1447.3
 260.0   -0.83  -0.84  34.16  27.48   59.9  0.521  1448.5
 270.0   -0.67  -0.68  34.30  27.59   50.0  0.527  1449.6
 280.0   -0.51  -0.52  34.40  27.67   42.5  0.531  1450.6
 290.0   -0.38  -0.39  34.48  27.72   37.5  0.535  1451.5
 300.0   -0.25  -0.26  34.54  27.77   33.3  0.539  1452.4
 310.0   -0.15  -0.17  34.58  27.80   30.6  0.542  1453.0
 320.0   -0.07  -0.09  34.62  27.82   28.3  0.545  1453.6
 330.0   -0.01  -0.02  34.65  27.85   26.4  0.548  1454.1
 340.0    0.05   0.04  34.68  27.87   24.5  0.550  1454.6
 350.0    0.10   0.09  34.70  27.88   23.0  0.553  1455.0
 370.0    0.20   0.18  34.75  27.91   20.4  0.557  1455.9
 390.0    0.27   0.25  34.77  27.93   19.2  0.561  1456.6
 410.0    0.32   0.30  34.79  27.94   17.9  0.565  1457.1
 430.0    0.36   0.34  34.81  27.95   16.8  0.568  1457.7
 450.0    0.39   0.37  34.82  27.96   16.1  0.572  1458.2
 470.0    0.41   0.39  34.83  27.97   15.6  0.575  1458.6
 490.0    0.43   0.41  34.84  27.97   15.1  0.578  1459.1
 510.0    0.45   0.43  34.85  27.98   14.5  0.581  1459.5
 530.0    0.45   0.42  34.85  27.98   14.2  0.584  1459.8
 550.0    0.45   0.42  34.86  27.99   13.8  0.587  1460.1
 570.0    0.44   0.41  34.86  27.99   13.3  0.589  1460.4
 590.0    0.41   0.38  34.86  27.99   13.3  0.592  1460.6
 610.0    0.39   0.37  34.87  28.00   12.9  0.595  1460.9
 630.0    0.37   0.35  34.87  28.00   12.6  0.597  1461.2
 650.0    0.35   0.32  34.87  28.00   12.3  0.600  1461.4
 670.0    0.31   0.28  34.87  28.01   11.9  0.602  1461.6
 690.0    0.28   0.25  34.87  28.01   11.6  0.605  1461.8
 710.0    0.26   0.22  34.87  28.01   11.3  0.607  1462.0
 730.0    0.23   0.20  34.87  28.01   11.1  0.609  1462.2
 739.2    0.22   0.18  34.88  28.02   10.7  0.610  1462.3

                       DEPTH      TEMP.      SALIN

      BOT NUM = 1        4.2      -1.63      30.46
      BOT NUM = 2       40.9                 30.50
      BOT NUM = 3      249.9      -0.88      34.10
      BOT NUM = 4      498.8       0.46      34.82
      BOT NUM = 5      741.3       0.23      34.84
```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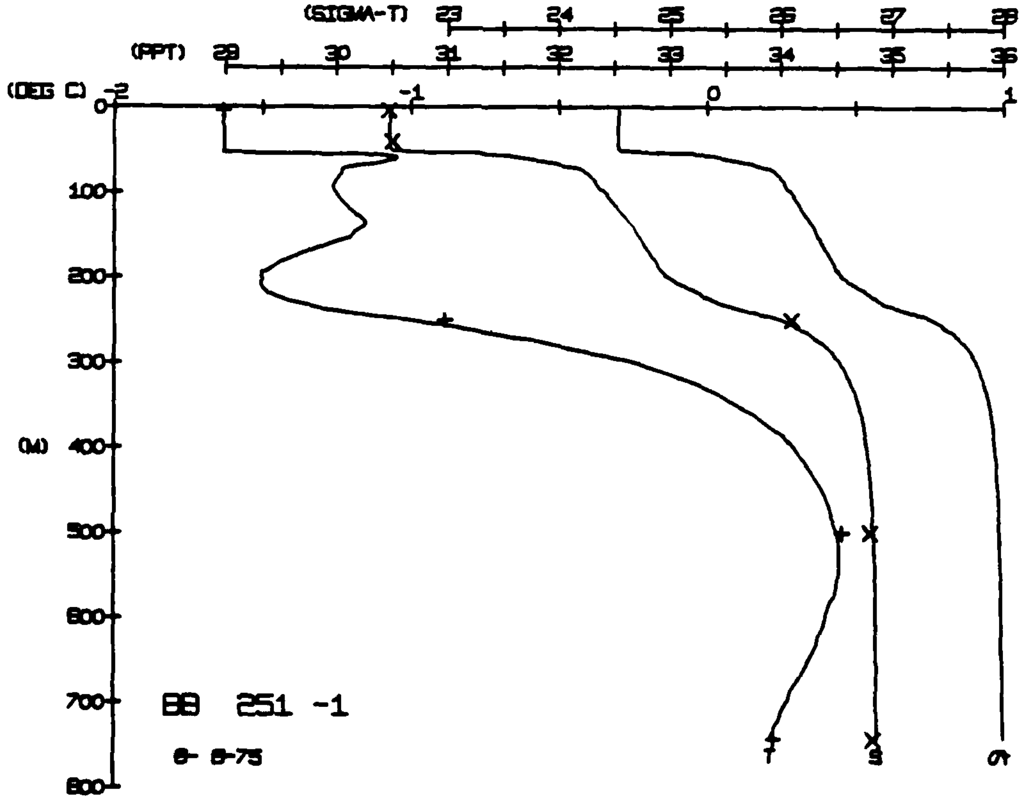
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 249 -1
8- 8-75
T
S
σt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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 251 -1
8- 8-75
T
S
σt

```
BIG BEAR STATION 253(1) STD   9/JUN/1975  500 GMT  CODE = 2
LAT = 76.3631N LNG = 148.4970W LIER =      0, LGER =      1,
AIR TEMP =  -0.6 BAROM = 1022.7 WIND = 331.7 SPEED =  36.5

 DEPTH   TEMP   PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.63  -1.63  30.48  24.53  341.0  0.000  1435.3
   4.1  -1.63  -1.63  30.48  24.53  340.9  0.014  1435.3
   5.0  -1.63  -1.63  30.48  24.54  340.8  0.017  1435.4
  10.0  -1.63  -1.63  30.48  24.54  340.8  0.034  1435.4
  15.0  -1.62  -1.62  30.48  24.54  340.8  0.051  1435.6
  20.0  -1.63  -1.63  30.48  24.54  340.5  0.069  1435.6
  25.0  -1.63  -1.63  30.48  24.54  340.6  0.086  1435.7
  30.0  -1.63  -1.63  30.48  24.54  340.4  0.103  1435.8
  35.0  -1.63  -1.63  30.49  24.54  340.2  0.120  1435.9
  40.0  -1.62  -1.62  30.49  24.54  339.9  0.137  1436.0
  45.0  -1.62  -1.62  30.49  24.54  339.8  0.154  1436.1
  50.0  -1.51  -1.51  31.29  25.18  280.7  0.170  1437.8
  55.0  -1.06  -1.06  31.72  25.53  246.3  0.183  1440.6
  60.0  -1.12  -1.12  31.98  25.74  226.1  0.195  1440.8
  65.0  -1.21  -1.21  32.11  25.84  216.1  0.206  1440.6
  70.0  -1.22  -1.23  32.23  25.94  206.7  0.217  1440.8
  80.0  -1.24  -1.24  32.32  26.01  199.7  0.237  1441.0
  90.0  -1.24  -1.24  32.38  26.07  194.7  0.257  1441.3
 100.0  -1.22  -1.22  32.45  26.12  189.5  0.277  1441.6
 110.0  -1.19  -1.19  32.53  26.18  183.3  0.295  1442.1
 120.0  -1.16  -1.17  32.58  26.23  179.3  0.314  1442.4
 130.0  -1.15  -1.16  32.66  26.28  173.7  0.332  1442.7
 140.0  -1.19  -1.19  32.71  26.33  169.2  0.349  1442.8
 150.0  -1.26  -1.26  32.76  26.37  165.6  0.366  1442.7
 160.0  -1.34  -1.34  32.81  26.41  161.5  0.382  1442.6
 170.0  -1.41  -1.42  32.85  26.45  157.5  0.398  1442.4
 180.0  -1.49  -1.49  32.90  26.49  153.7  0.414  1442.3
 190.0  -1.53  -1.54  32.94  26.53  150.3  0.429  1442.3
 200.0  -1.52  -1.52  33.02  26.58  144.6  0.444  1442.7
 210.0  -1.48  -1.48  33.17  26.71  132.7  0.458  1443.2
 220.0  -1.41  -1.42  33.40  26.89  115.3  0.471  1444.0
 230.0  -1.24  -1.25  33.66  27.10   96.1  0.481  1445.4
 240.0  -0.96  -0.97  34.02  27.38   69.8  0.490  1447.4
 250.0  -0.80  -0.81  34.17  27.50   58.7  0.496  1448.5
 260.0  -0.62  -0.63  34.31  27.60   49.0  0.502  1449.7
 270.0  -0.46  -0.47  34.41  27.68   42.1  0.506  1450.7
 280.0  -0.34  -0.35  34.49  27.73   37.1  0.510  1451.5
 290.0  -0.21  -0.22  34.55  27.77   33.1  0.514  1452.4
 300.0  -0.13  -0.14  34.59  27.81   30.1  0.517  1453.0
 310.0  -0.03  -0.04  34.63  27.83   27.5  0.520  1453.7
 320.0   0.03   0.02  34.67  27.86   25.5  0.523  1454.2
 330.0   0.09   0.08  34.69  27.87   24.1  0.525  1454.6
 340.0   0.15   0.14  34.71  27.88   22.8  0.528  1455.1
 350.0   0.18   0.16  34.73  27.90   21.7  0.530  1455.4
 370.0   0.22   0.20  34.74  27.91   20.8  0.534  1456.0
 390.0   0.28   0.26  34.77  27.93   19.2  0.538  1456.6
 410.0   0.33   0.31  34.79  27.94   17.7  0.542  1457.2
 430.0   0.38   0.37  34.81  27.95   16.7  0.545  1457.8
 450.0   0.40   0.38  34.83  27.96   15.7  0.549  1458.2
 470.0   0.44   0.42  34.83  27.97   15.4  0.552  1458.7
 490.0   0.45   0.43  34.84  27.97   15.1  0.555  1459.1
 510.0   0.46   0.44  34.85  27.98   14.5  0.558  1459.5
 530.0   0.47   0.44  34.85  27.98   14.3  0.561  1459.9
 550.0   0.45   0.43  34.86  27.99   13.8  0.564  1460.2
 570.0   0.45   0.43  34.86  27.99   13.4  0.566  1460.5
 590.0   0.43   0.40  34.86  27.99   13.1  0.569  1460.7
 610.0   0.41   0.38  34.87  28.00   12.9  0.572  1461.0
 630.0   0.39   0.36  34.87  28.00   12.6  0.574  1461.2
 650.0   0.36   0.33  34.87  28.00   12.1  0.577  1461.4
 670.0   0.33   0.30  34.87  28.00   12.0  0.579  1461.6
 690.0   0.29   0.26  34.88  28.01   11.4  0.581  1461.8
 710.0   0.26   0.23  34.88  28.01   11.0  0.584  1462.0
 729.4   0.23   0.20  34.88  28.01   11.0  0.586  1462.2

                       DEPTH      TEMP.      SALIN

        BOT NUM = 1      4.1      -1.63      30.47
        BOT NUM = 2    250.1                 34.09
        BOT NUM = 3    499.3       0.46      34.83
        BOT NUM = 4    729.0       0.25      34.85
```

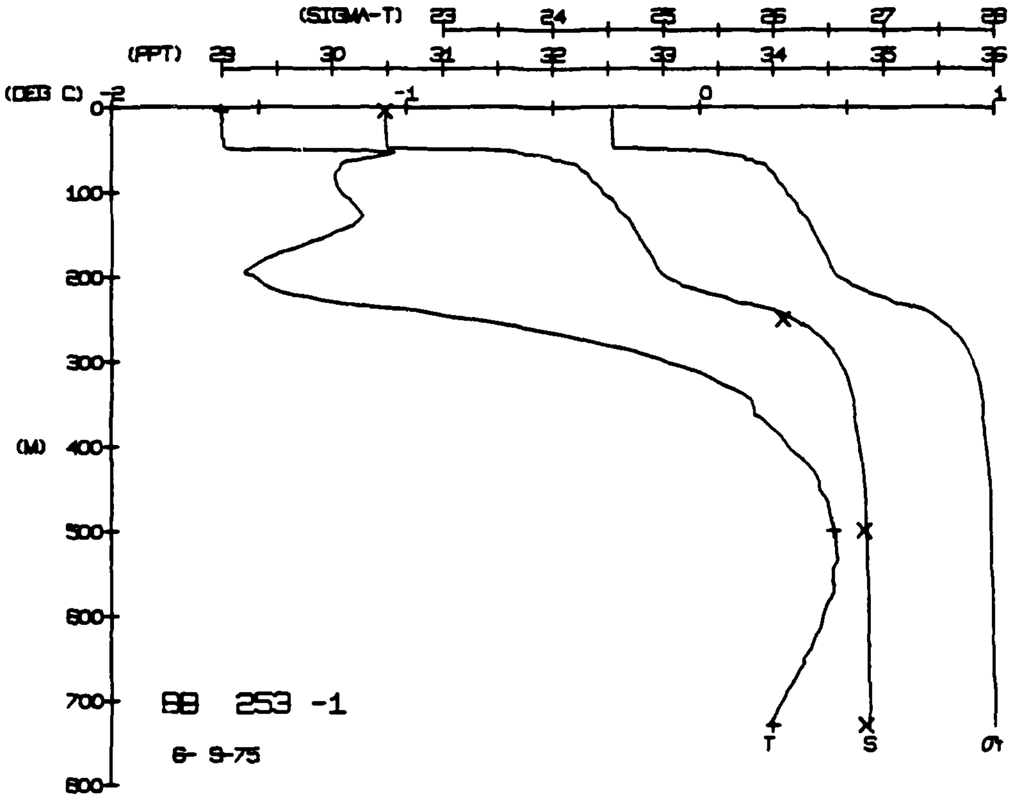
```
BIG BEAR STATION 255(1) STD   9/JUN/1975 1700 GMT  CODE = 2
LAT = 76.3487N LNG = 148.4668W LIER =      0, LGER =      0,
AIR TEMP =  -4.0 BAROM = 1021.3 WIND = 294.1 SPEED =  27.4

 DEPTH   TEMP   PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.64  -1.64  30.48  24.54  340.6  0.000  1435.3
   5.0  -1.64  -1.64  30.48  24.54  340.6  0.017  1435.3
   5.4  -1.64  -1.64  30.48  24.54  340.6  0.018  1435.3
  10.0  -1.64  -1.64  30.49  24.54  340.3  0.034  1435.4
  15.0  -1.64  -1.64  30.49  24.54  340.3  0.051  1435.5
  20.0  -1.64  -1.64  30.49  24.54  340.3  0.069  1435.6
  25.0  -1.63  -1.63  30.49  24.54  340.1  0.086  1435.7
  30.0  -1.63  -1.63  30.49  24.54  339.9  0.103  1435.8
  35.0  -1.63  -1.63  30.49  24.54  339.9  0.120  1435.9
  40.0  -1.63  -1.63  30.49  24.54  339.8  0.137  1435.9
  45.0  -1.63  -1.64  30.49  24.54  339.6  0.154  1436.0
  50.0  -1.64  -1.64  30.50  24.55  338.7  0.171  1436.1
  55.0  -1.19  -1.19  31.50  25.35  263.1  0.186  1439.7
  60.0  -1.06  -1.06  31.77  25.56  242.7  0.199  1440.8
  65.0  -1.12  -1.12  31.97  25.73  226.5  0.211  1440.9
  70.0  -1.20  -1.20  32.05  25.80  220.5  0.222  1440.7
  80.0  -1.25  -1.25  32.20  25.92  208.7  0.244  1440.8
  90.0  -1.27  -1.27  32.35  26.04  197.0  0.264  1441.1
 100.0  -1.26  -1.26  32.43  26.10  190.9  0.284  1441.4
 110.0  -1.25  -1.25  32.50  26.16  185.8  0.303  1441.7
 120.0  -1.21  -1.22  32.57  26.21  180.4  0.321  1442.2
 130.0  -1.18  -1.18  32.63  26.27  175.5  0.339  1442.6
 140.0  -1.18  -1.18  32.69  26.31  171.1  0.357  1442.8
 150.0  -1.22  -1.23  32.74  26.36  166.8  0.374  1442.9
 160.0  -1.29  -1.29  32.79  26.39  163.0  0.390  1442.8
 170.0  -1.36  -1.37  32.84  26.44  158.4  0.407  1442.7
 180.0  -1.42  -1.43  32.89  26.48  155.0  0.422  1442.6
 190.0  -1.49  -1.50  32.93  26.51  151.6  0.438  1442.5
 200.0  -1.55  -1.55  32.97  26.55  147.9  0.453  1442.5
 210.0  -1.52  -1.53  33.14  26.68  135.2  0.467  1443.0
 220.0  -1.50  -1.51  33.31  26.82  122.2  0.480  1443.5
 230.0  -1.45  -1.46  33.55  27.02  103.5  0.492  1444.2
 240.0  -1.30  -1.31  33.82  27.23   84.0  0.501  1445.5
 250.0  -1.09  -1.10  34.08  27.43   64.7  0.509  1447.0
 260.0  -0.91  -0.92  34.21  27.53   55.5  0.515  1448.2
 270.0  -0.74  -0.75  34.34  27.63   45.9  0.520  1449.3
 280.0  -0.56  -0.57  34.43  27.70   40.1  0.524  1450.5
 290.0  -0.43  -0.44  34.51  27.75   35.0  0.528  1451.3
 300.0  -0.31  -0.33  34.56  27.79   31.8  0.531  1452.1
 310.0  -0.23  -0.24  34.60  27.81   29.2  0.534  1452.7
 320.0  -0.14  -0.15  34.64  27.84   26.5  0.537  1453.4
 330.0  -0.05  -0.06  34.67  27.87   24.4  0.540  1454.0
 340.0   0.01   0.00  34.70  27.88   22.9  0.542  1454.5
 350.0   0.07   0.05  34.72  27.90   21.6  0.545  1454.9
 370.0   0.17   0.16  34.75  27.92   19.7  0.549  1455.8
 390.0   0.25   0.23  34.78  27.94   18.0  0.552  1456.5
 410.0   0.31   0.29  34.80  27.95   16.8  0.556  1457.1
 430.0   0.35   0.33  34.82  27.96   16.0  0.559  1457.6
 450.0   0.38   0.36  34.83  27.96   15.6  0.563  1458.1
 470.0   0.41   0.39  34.83  27.97   15.2  0.566  1458.6
 490.0   0.43   0.40  34.84  27.98   14.6  0.569  1459.0
 510.0   0.45   0.42  34.85  27.98   14.3  0.572  1459.5
 530.0   0.45   0.42  34.85  27.98   14.0  0.574  1459.8
 550.0   0.45   0.42  34.86  27.99   13.6  0.577  1460.2
 570.0   0.44   0.41  34.86  27.99   13.5  0.580  1460.4
 590.0   0.41   0.39  34.86  27.99   13.1  0.583  1460.7
 610.0   0.40   0.37  34.87  28.00   12.7  0.585  1460.9
 630.0   0.37   0.34  34.87  28.00   12.4  0.588  1461.2
 650.0   0.35   0.32  34.87  28.00   12.1  0.590  1461.4
 670.0   0.31   0.28  34.87  28.01   11.7  0.593  1461.6
 690.0   0.28   0.25  34.88  28.01   11.4  0.595  1461.8
 710.0   0.25   0.22  34.88  28.01   11.1  0.597  1462.0
 729.4   0.23   0.20  34.88  28.02   10.8  0.599  1462.2

                       DEPTH      TEMP.      SALIN

        BOT NUM = 1      4.6      -1.63      30.46
        BOT NUM = 2     45.7                 30.51
        BOT NUM = 3    249.9      -0.93      34.08
        BOT NUM = 4    497.2       0.48
        BOT NUM = 5    728.8       0.24      34.85
```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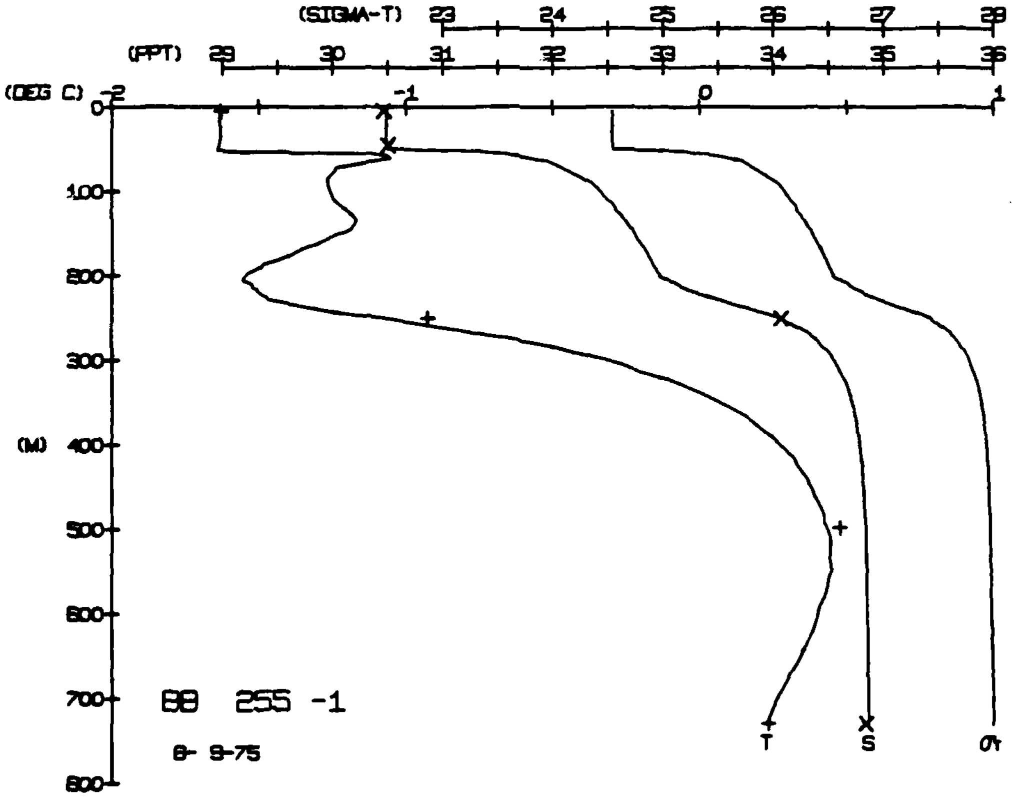
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 253 -1
8- 9-75
T
S
σt


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 255 -1
8- 9-75
T
S
σt

```
BIG BEAR STATION 257(1) STD  10/JUN/1975  500 GMT  CODE = 2
LAT = 76.3432N LNG = 148.4373W LTER =     1, LGER =     2,
AIR TEMP =   -4.0 BAROM = 1019.2 WIND = 294.1 SPEED =  27.1

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0   -1.59  -1.59  30.50  24.55  339.6  0.000  1435.5
   5.0   -1.59  -1.59  30.50  24.55  339.5  0.017  1435.6
   5.0   -1.59  -1.59  30.50  24.55  339.5  0.017  1435.6
  10.0   -1.63  -1.63  30.49  24.54  340.5  0.034  1435.5
  15.0   -1.63  -1.63  30.49  24.54  340.4  0.051  1435.5
  20.0   -1.62  -1.62  30.48  24.54  340.4  0.068  1435.6
  25.0   -1.62  -1.62  30.49  24.54  340.2  0.086  1435.7
  30.0   -1.62  -1.62  30.49  24.54  340.1  0.103  1435.8
  35.0   -1.62  -1.62  30.49  24.54  340.1  0.120  1435.9
  40.0   -1.62  -1.62  30.49  24.54  340.0  0.137  1436.0
  45.0   -1.62  -1.62  30.49  24.54  339.9  0.154  1436.1
  50.0   -1.63  -1.63  30.49  24.54  339.5  0.171  1436.1
  55.0   -1.34  -1.34  31.31  25.20  276.8  0.187  1438.7
  60.0   -1.03  -1.03  31.73  25.53  245.4  0.200  1440.9
  65.0   -1.06  -1.06  31.96  25.72  228.0  0.212  1441.1
  70.0   -1.17  -1.17  32.11  25.85  215.7  0.223  1440.9
  80.0   -1.21  -1.21  32.21  25.93  208.1  0.244  1441.0
  90.0   -1.23  -1.23  32.30  26.00  200.9  0.265  1441.2
 100.0   -1.23  -1.23  32.40  26.07  193.7  0.285  1441.5
 110.0   -1.22  -1.22  32.46  26.13  188.8  0.304  1441.8
 120.0   -1.19  -1.19  32.53  26.19  183.1  0.323  1442.2
 130.0   -1.16  -1.16  32.59  26.23  178.6  0.341  1442.6
 140.0   -1.14  -1.14  32.65  26.28  174.1  0.359  1442.9
 150.0   -1.18  -1.18  32.71  26.32  169.7  0.376  1443.0
 160.0   -1.24  -1.24  32.77  26.38  164.8  0.393  1443.0
 170.0   -1.33  -1.33  32.82  26.42  160.8  0.410  1442.8
 180.0   -1.40  -1.40  32.87  26.46  156.6  0.426  1442.7
 190.0   -1.46  -1.47  32.93  26.51  151.7  0.441  1442.6
 200.0   -1.49  -1.49  33.03  26.60  143.5  0.456  1442.8
 210.0   -1.47  -1.48  33.18  26.71  132.3  0.470  1443.3
 220.0   -1.44  -1.44  33.33  26.84  120.6  0.483  1443.8
 230.0   -1.35  -1.35  33.57  27.02  102.9  0.494  1444.7
 240.0   -1.19  -1.19  33.87  27.26   80.5  0.503  1446.1
 250.0   -0.96  -0.97  34.10  27.44   64.0  0.511  1447.6
 260.0   -0.79  -0.80  34.22  27.54   54.9  0.517  1448.8
 270.0   -0.61  -0.62  34.35  27.63   46.1  0.522  1449.9
 280.0   -0.44  -0.45  34.43  27.69   41.0  0.526  1451.0
 290.0   -0.33  -0.35  34.50  27.74   36.1  0.530  1451.8
 300.0   -0.24  -0.25  34.57  27.79   31.5  0.533  1452.5
 310.0   -0.14  -0.15  34.61  27.82   29.1  0.537  1453.1
 320.0   -0.06  -0.07  34.63  27.84   27.3  0.539  1453.7
 330.0    0.02   0.01  34.67  27.86   25.4  0.542  1454.3
 340.0    0.08   0.07  34.70  27.88   23.5  0.544  1454.8
 350.0    0.13   0.12  34.72  27.90   21.8  0.547  1455.2
 370.0    0.23   0.22  34.76  27.92   19.7  0.551  1456.0
 390.0    0.30   0.28  34.78  27.94   18.2  0.555  1456.7
 410.0    0.35   0.34  34.80  27.95   17.1  0.558  1457.3
 430.0    0.39   0.37  34.82  27.96   16.3  0.562  1457.8
 450.0    0.43   0.41  34.83  27.96   15.9  0.565  1458.3
 470.0    0.45   0.43  34.84  27.97   15.2  0.568  1458.8
 490.0    0.47   0.44  34.85  27.98   14.6  0.571  1459.2
 510.0    0.47   0.45  34.85  27.98   14.3  0.574  1459.6
 530.0    0.47   0.45  34.85  27.98   14.2  0.577  1459.9
 550.0    0.47   0.45  34.86  27.98   14.0  0.580  1460.3
 570.0    0.45   0.43  34.86  27.99   13.5  0.583  1460.5
 590.0    0.43   0.40  34.86  27.99   13.3  0.585  1460.7
 610.0    0.41   0.38  34.86  27.99   13.1  0.588  1461.0
 630.0    0.38   0.35  34.87  28.00   12.6  0.591  1461.2
 650.0    0.35   0.32  34.87  28.00   12.3  0.593  1461.4
 670.0    0.32   0.29  34.87  28.01   11.8  0.596  1461.6
 690.0    0.30   0.27  34.88  28.01   11.5  0.598  1461.8
 710.0    0.27   0.24  34.88  28.01   11.3  0.600  1462.0

                          DEPTH      TEMP.      SALIN

      BUT NUM = 1           4.2      -1.64      30.47
      BUT NUM = 2          45.5                 30.49
      BUT NUM = 3         250.6      -0.88      34.09
      BUT NUM = 4         499.9       0.47      34.82
      BUT NUM = 5         727.1       0.25
```

```
BIG BEAR STATION 259(1) STD  10/JUN/1975 1700 GMT  CODE = 2
LAT = 76.3334N LNG = 148.3770W LTER =     0, LGER =     0,
AIR TEMP =   -3.2 BAROM = 1017.1 WIND = 274.1 SPEED =  46.4

DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0   -1.64  -1.64  30.49  24.54  340.6  0.000  1435.2
  5.0   -1.64  -1.64  30.49  24.54  340.5  0.017  1435.3
  6.9   -1.64  -1.64  30.49  24.54  340.5  0.024  1435.3
 10.0   -1.64  -1.64  30.49  24.54  340.4  0.034  1435.4
 15.0   -1.64  -1.64  30.49  24.54  340.4  0.051  1435.5
 20.0   -1.64  -1.64  30.49  24.54  340.3  0.069  1435.6
 25.0   -1.64  -1.64  30.49  24.54  340.2  0.086  1435.7
 30.0   -1.64  -1.64  30.49  24.54  340.2  0.103  1435.7
 35.0   -1.64  -1.64  30.48  24.54  340.2  0.120  1435.8
 40.0   -1.63  -1.63  30.48  24.54  340.2  0.137  1435.9
 45.0   -1.64  -1.64  30.49  24.54  340.0  0.154  1436.0
 50.0   -1.63  -1.63  30.60  24.63  331.5  0.171  1436.2
 55.0   -1.11  -1.11  31.30  25.19  278.2  0.186  1439.8
 60.0   -1.03  -1.03  31.72  25.52  246.4  0.200  1440.8
 65.0   -1.10  -1.10  31.94  25.70  229.3  0.212  1440.9
 70.0   -1.20  -1.21  32.10  25.83  216.9  0.223  1440.7
 80.0   -1.23  -1.23  32.21  25.93  208.1  0.244  1440.9
 90.0   -1.25  -1.25  32.31  26.00  200.5  0.265  1441.1
100.0   -1.26  -1.26  32.39  26.07  193.9  0.285  1441.4
110.0   -1.24  -1.25  32.46  26.13  188.7  0.304  1441.7
120.0   -1.23  -1.24  32.52  26.18  183.9  0.323  1442.0
130.0   -1.18  -1.19  32.57  26.22  180.0  0.341  1442.5
140.0   -1.20  -1.21  32.64  26.27  174.7  0.359  1442.6
150.0   -1.24  -1.24  32.70  26.32  170.4  0.377  1442.7
160.0   -1.33  -1.33  32.74  26.36  166.3  0.394  1442.5
170.0   -1.42  -1.43  32.81  26.42  160.7  0.410  1442.3
180.0   -1.48  -1.48  32.91  26.50  153.2  0.426  1442.4
190.0   -1.49  -1.50  33.03  26.59  143.8  0.441  1442.6
200.0   -1.50  -1.50  33.14  26.68  135.4  0.455  1442.9
210.0   -1.47  -1.48  33.27  26.79  125.4  0.468  1443.4
220.0   -1.40  -1.41  33.43  26.92  113.3  0.480  1444.1
230.0   -1.28  -1.29  33.66  27.10   96.0  0.491  1445.2
240.0   -1.12  -1.13  33.87  27.26   80.6  0.500  1446.4
250.0   -0.92  -0.93  34.09  27.43   64.5  0.507  1447.8
260.0   -0.72  -0.73  34.25  27.56   53.3  0.513  1449.1
270.0   -0.55  -0.56  34.37  27.65   44.8  0.518  1450.2
280.0   -0.44  -0.45  34.45  27.71   39.1  0.522  1451.0
290.0   -0.33  -0.34  34.51  27.75   35.6  0.526  1451.8
300.0   -0.22  -0.23  34.56  27.78   32.1  0.529  1452.5
310.0   -0.11  -0.13  34.60  27.81   29.3  0.532  1453.3
320.0   -0.02  -0.04  34.64  27.84   26.9  0.535  1453.9
330.0    0.06   0.05  34.67  27.86   25.0  0.538  1454.5
340.0    0.11   0.10  34.70  27.88   23.7  0.540  1454.9
350.0    0.17   0.15  34.72  27.89   22.1  0.543  1455.4
370.0    0.25   0.24  34.75  27.91   20.1  0.547  1456.1
390.0    0.32   0.30  34.79  27.94   18.2  0.551  1456.8
410.0    0.37   0.35  34.80  27.95   17.4  0.554  1457.4
430.0    0.39   0.37  34.82  27.96   16.4  0.558  1457.8
450.0    0.41   0.39  34.82  27.96   15.9  0.561  1458.3
470.0    0.44   0.42  34.83  27.97   15.6  0.564  1458.8
490.0    0.46   0.44  34.84  27.97   15.0  0.567  1459.2
510.0    0.47   0.45  34.85  27.98   14.7  0.570  1459.6
530.0    0.48   0.45  34.85  27.98   14.6  0.573  1459.9
550.0    0.46   0.43  34.85  27.98   14.0  0.576  1460.2
570.0    0.44   0.42  34.86  27.99   13.9  0.579  1460.5
590.0    0.42   0.40  34.86  27.99   13.5  0.582  1460.7
610.0    0.40   0.37  34.87  28.00   12.8  0.584  1460.9
630.0    0.38   0.35  34.87  28.00   12.4  0.587  1461.2
650.0    0.35   0.32  34.87  28.00   12.0  0.589  1461.4
670.0    0.32   0.29  34.87  28.00   12.0  0.592  1461.6
690.0    0.30   0.26  34.87  28.01   11.5  0.594  1461.8
710.0    0.26   0.22  34.88  28.01   11.2  0.597  1462.0
730.0    0.23   0.20  34.88  28.01   10.9  0.599  1462.2
732.3    0.23   0.20  34.88  28.02   10.8  0.599  1462.2

                          DEPTH      TEMP.      SALIN

      BOT NUM = 1           4.6      -1.65      30.48
      BOT NUM = 2          45.3                 30.49
      BOT NUM = 3         249.9      -0.86      34.10
      BOT NUM = 4         496.3       0.49      34.82
      BUT NUM = 5         727.2       0.25
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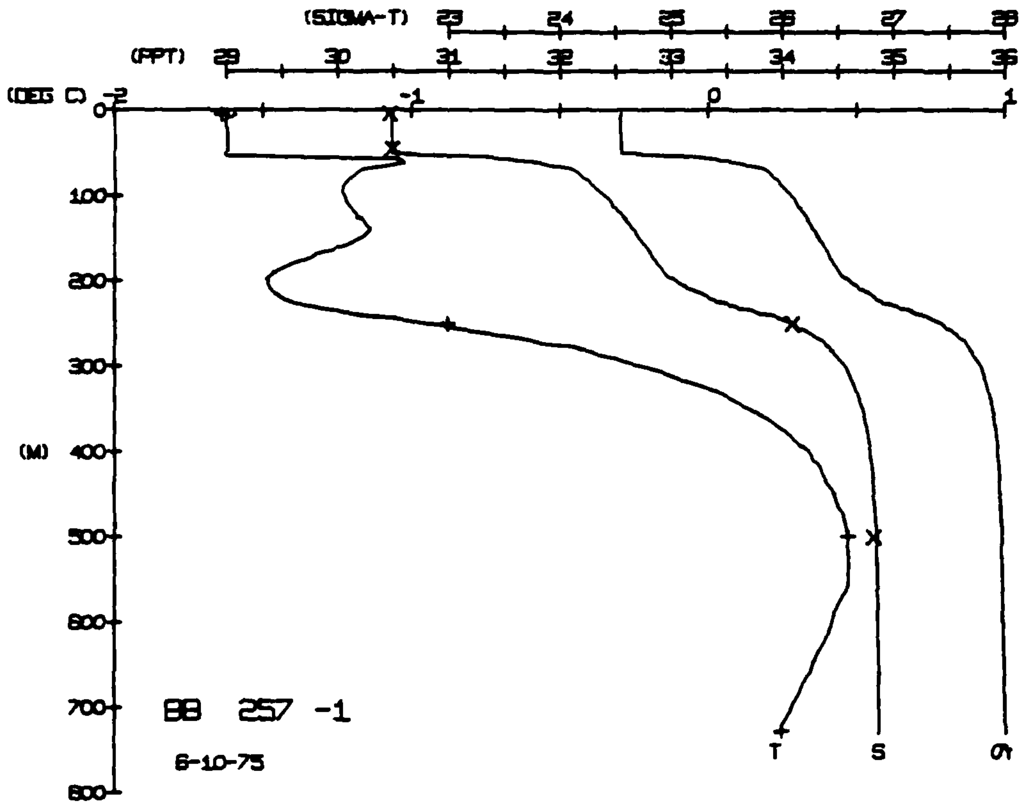
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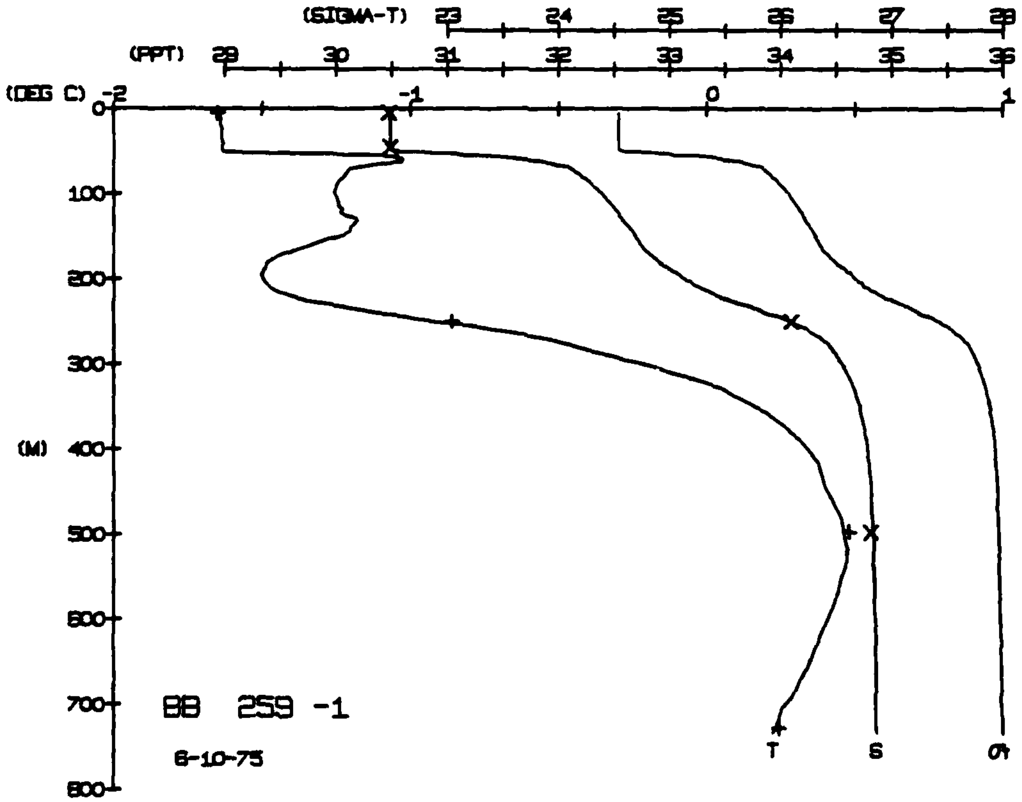
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200
300
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500
600
700
800
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T
S
σt

```
BIG BEAR STATION 261(1) STD  11/JUN/1975  500 GMT  CODE = 2
LAT = 76.3170N LNG = 148.2719W LTER =      0. LGER =    1.
AIR TEMP =  -3.2 BARUM = 1015.6 WIND = 274.1 SPEED =  46.4

 DEPTH    TEMP  PTEMP   SALIN   SIG T   SPVOL  DYNHT   SOUND

   0.0   -1.64  -1.64   30.48   24.54   340.9  0.000  1435.2
   5.0   -1.64  -1.64   30.48   24.54   340.9  0.017  1435.3
   5.7   -1.64  -1.64   30.48   24.54   340.9  0.020  1435.3
  10.0   -1.64  -1.64   30.48   24.54   340.8  0.034  1435.4
  15.0   -1.64  -1.64   30.48   24.54   340.7  0.051  1435.5
  20.0   -1.64  -1.64   30.48   24.54   340.7  0.069  1435.6
  25.0   -1.64  -1.64   30.48   24.54   340.6  0.086  1435.7
  30.0   -1.63  -1.63   30.48   24.54   340.5  0.103  1435.8
  35.0   -1.63  -1.63   30.48   24.54   340.4  0.120  1435.8
  40.0   -1.63  -1.63   30.48   24.54   340.2  0.137  1435.9
  45.0   -1.63  -1.64   30.49   24.54   340.0  0.154  1436.0
  50.0   -1.63  -1.63   30.49   24.54   339.8  0.171  1436.1
  55.0   -1.21  -1.21   31.08   25.01   295.0  0.187  1439.0
  60.0   -1.04  -1.04   31.45   25.30   267.4  0.202  1440.4
  65.0   -1.04  -1.05   31.68   25.49   249.7  0.215  1440.8
  70.0   -1.08  -1.09   31.87   25.64   234.8  0.227  1440.9
  80.0   -1.18  -1.18   32.05   25.80   220.3  0.250  1440.9
  90.0   -1.28  -1.28   32.22   25.93   207.1  0.271  1440.9
 100.0   -1.34  -1.35   32.36   26.05   196.4  0.292  1440.9
 110.0   -1.39  -1.39   32.48   26.15   186.6  0.311  1441.0
 120.0   -1.42  -1.43   32.58   26.23   178.5  0.329  1441.2
 130.0   -1.44  -1.45   32.67   26.30   171.6  0.347  1441.4
 140.0   -1.46  -1.47   32.76   26.37   164.9  0.364  1441.6
 150.0   -1.47  -1.48   32.85   26.45   157.8  0.380  1441.8
 160.0   -1.49  -1.49   32.94   26.52   150.6  0.396  1442.1
 170.0   -1.49  -1.50   33.04   26.61   142.9  0.411  1442.3
 180.0   -1.49  -1.50   33.13   26.67   136.4  0.425  1442.6
 190.0   -1.48  -1.48   33.23   26.75   128.6  0.438  1443.0
 200.0   -1.44  -1.45   33.35   26.86   119.1  0.451  1443.5
 210.0   -1.39  -1.39   33.50   26.97   108.2  0.462  1444.1
 220.0   -1.28  -1.28   33.67   27.11    95.0  0.472  1445.1
 230.0   -1.13  -1.14   33.87   27.27    80.4  0.481  1446.2
 240.0   -0.95  -0.96   34.07   27.42    66.2  0.489  1447.5
 250.0   -0.73  -0.74   34.26   27.56    52.8  0.495  1448.9
 260.0   -0.57  -0.58   34.37   27.65    44.5  0.500  1450.0
 270.0   -0.43  -0.44   34.46   27.71    38.9  0.504  1450.9
 280.0   -0.30  -0.31   34.52   27.76    34.4  0.507  1451.8
 290.0   -0.20  -0.22   34.57   27.79    31.4  0.511  1452.5
 300.0   -0.12  -0.14   34.61   27.82    28.7  0.514  1453.1
 310.0   -0.03  -0.04   34.65   27.84    26.6  0.517  1453.7
 320.0    0.03   0.01   34.67   27.86    24.9  0.519  1454.2
 330.0    0.09   0.07   34.70   27.88    23.3  0.522  1454.6
 340.0    0.14   0.13   34.72   27.89    22.0  0.524  1455.1
 350.0    0.20   0.19   34.74   27.91    21.0  0.526  1455.5
 370.0    0.28   0.27   34.77   27.93    18.9  0.530  1456.3
 390.0    0.35   0.33   34.80   27.94    17.4  0.534  1456.9
 410.0    0.39   0.38   34.82   27.96    16.5  0.537  1457.5
 430.0    0.42   0.40   34.82   27.96    16.0  0.541  1458.0
 450.0    0.44   0.42   34.83   27.97    15.4  0.544  1458.4
 470.0    0.46   0.44   34.84   27.97    14.8  0.547  1458.9
 490.0    0.47   0.44   34.85   27.98    14.5  0.550  1459.2
 510.0    0.48   0.45   34.85   27.98    14.2  0.553  1459.6
 530.0    0.47   0.45   34.86   27.99    13.9  0.555  1459.9
 550.0    0.48   0.45   34.86   27.99    13.9  0.558  1460.3
 570.0    0.45   0.43   34.86   27.99    13.6  0.561  1460.5
 590.0    0.43   0.40   34.86   27.99    13.2  0.564  1460.7
 610.0    0.41   0.38   34.87   28.00    12.8  0.566  1461.0
 630.0    0.38   0.35   34.87   28.00    12.4  0.569  1461.2
 650.0    0.35   0.32   34.87   28.00    12.0  0.571  1461.4
 670.0    0.32   0.29   34.87   28.01    11.7  0.574  1461.6
 690.0    0.29   0.26   34.88   28.01    11.4  0.576  1461.8
 710.0    0.27   0.24   34.88   28.01    11.1  0.578  1462.0
 730.0    0.23   0.20   34.88   28.02    10.8  0.581  1462.2
 730.6    0.23   0.20   34.88   28.02    10.8  0.581  1462.2

                       DEPTH      TEMP.      SALIN

     BUT NUM = 1         4.2      -1.63      30.47
     BUT NUM = 2       249.9      -0.82      34.15
     BUT NUM = 3       498.6       0.48      34.84
     BUT NUM = 4       729.8       0.24      34.85
```

```
BIG BEAR STATION 263(2) STD  11/JUN/1975 1700 GMT  CODE = 2
LAT = 76.3161N LNG = 148.2341W LTER =      1. LGER =    1.
AIR TEMP =  -3.1 BARUM = 1016.2 WIND =  12.5 SPEED =  23.1

DEPTH    TEMP  PTEMP   SALIN   SIG T   SPVOL  DYNHT   SOUND

  0.0   -1.72  -1.72   30.43   24.49   344.9  0.000  1434.8
  3.2   -1.72  -1.72   30.43   24.49   344.8  0.011  1434.8
  5.0   -1.71  -1.71   30.43   24.49   344.8  0.017  1434.9
 10.0   -1.70  -1.70   30.43   24.50   344.4  0.035  1435.0
 15.0   -1.71  -1.71   30.43   24.50   344.3  0.052  1435.1
 20.0   -1.71  -1.71   30.43   24.50   344.3  0.069  1435.2
 25.0   -1.71  -1.71   30.43   24.50   344.2  0.087  1435.3
 30.0   -1.71  -1.71   30.43   24.50   344.1  0.104  1435.3
 35.0   -1.71  -1.71   30.43   24.50   344.0  0.121  1435.4
 40.0   -1.71  -1.71   30.43   24.50   343.9  0.139  1435.5
 45.0   -1.71  -1.71   30.43   24.50   343.9  0.156  1435.6
 50.0   -1.71  -1.71   30.43   24.50   343.8  0.173  1435.6
 55.0   -1.67  -1.67   30.44   24.50   343.6  0.191  1435.9
 60.0   -1.21  -1.21   31.13   25.05   291.3  0.207  1439.2
 65.0   -1.09  -1.09   31.52   25.36   261.4  0.221  1440.4
 70.0   -1.11  -1.11   31.74   25.54   244.8  0.233  1440.7
 80.0   -1.21  -1.21   31.96   25.72   227.3  0.257  1440.6
 90.0   -1.31  -1.31   32.14   25.87   213.2  0.279  1440.6
100.0   -1.39  -1.40   32.27   25.98   203.1  0.300  1440.5
110.0   -1.45  -1.45   32.39   26.08   193.3  0.320  1440.6
120.0   -1.48  -1.48   32.51   26.18   183.9  0.339  1440.8
130.0   -1.51  -1.51   32.61   26.25   176.4  0.358  1441.0
140.0   -1.53  -1.54   32.71   26.34   168.4  0.375  1441.2
150.0   -1.55  -1.55   32.79   26.40   162.1  0.392  1441.4
160.0   -1.56  -1.57   32.88   26.47   155.5  0.408  1441.6
170.0   -1.57  -1.57   32.97   26.55   148.5  0.423  1441.9
180.0   -1.56  -1.57   33.06   26.62   141.3  0.438  1442.2
190.0   -1.56  -1.56   33.17   26.71   133.2  0.451  1442.5
200.0   -1.54  -1.55   33.27   26.79   125.1  0.464  1442.9
210.0   -1.50  -1.50   33.35   26.86   118.8  0.477  1443.4
220.0   -1.39  -1.40   33.51   26.98   107.3  0.488  1444.3
230.0   -1.25  -1.26   33.72   27.14    91.9  0.498  1445.4
240.0   -1.10  -1.10   33.93   27.31    76.4  0.507  1446.6
250.0   -0.90  -0.91   34.11   27.45    63.4  0.514  1447.9
260.0   -0.69  -0.70   34.26   27.56    52.8  0.520  1449.3
270.0   -0.55  -0.56   34.35   27.63    46.1  0.525  1450.2
280.0   -0.40  -0.41   34.44   27.69    40.4  0.529  1451.2
290.0   -0.29  -0.31   34.51   27.75    35.2  0.533  1452.0
300.0   -0.18  -0.19   34.57   27.79    31.8  0.536  1452.7
310.0   -0.08  -0.09   34.61   27.81    29.3  0.539  1453.4
320.0    0.01   0.00   34.65   27.84    26.9  0.542  1454.0
330.0    0.07   0.06   34.68   27.86    25.0  0.545  1454.5
340.0    0.13   0.12   34.70   27.87    23.9  0.547  1455.0
350.0    0.18   0.16   34.72   27.89    22.2  0.550  1455.4
370.0    0.25   0.24   34.76   27.92    19.7  0.554  1456.1
390.0    0.32   0.30   34.78   27.93    18.6  0.558  1456.8
410.0    0.35   0.34   34.80   27.95    17.0  0.561  1457.3
430.0    0.40   0.38   34.82   27.96    16.1  0.565  1457.9
450.0    0.43   0.41   34.83   27.96    15.8  0.568  1458.4
470.0    0.45   0.43   34.84   27.97    15.2  0.571  1458.8
490.0    0.46   0.44   34.84   27.97    14.8  0.574  1459.2
510.0    0.47   0.45   34.85   27.98    14.4  0.577  1459.6
530.0    0.47   0.45   34.85   27.98    14.2  0.580  1459.9
550.0    0.47   0.44   34.86   27.98    14.1  0.583  1460.2
570.0    0.45   0.42   34.86   27.99    13.4  0.585  1460.5
590.0    0.42   0.39   34.87   28.00    12.8  0.588  1460.7
610.0    0.40   0.38   34.87   28.00    12.5  0.591  1461.0
630.0    0.38   0.35   34.87   28.00    12.3  0.593  1461.2
650.0    0.35   0.32   34.88   28.01    11.8  0.596  1461.4
670.0    0.31   0.28   34.88   28.01    11.3  0.598  1461.6
690.0    0.28   0.25   34.88   28.01    11.0  0.600  1461.8
710.0    0.26   0.23   34.88   28.02    10.8  0.602  1462.0
727.7    0.23   0.20   34.88   28.02    10.7  0.604  1462.1

                       DEPTH      TEMP.      SALIN

     BUT NUM = 1         4.8      -1.66      30.47
     BUT NUM = 2        55.2                 30.49
     BUT NUM = 3       250.1      -0.80      34.15
     BUT NUM = 4       499.4       0.44      34.84
     BUT NUM = 5       728.8       0.25      34.85
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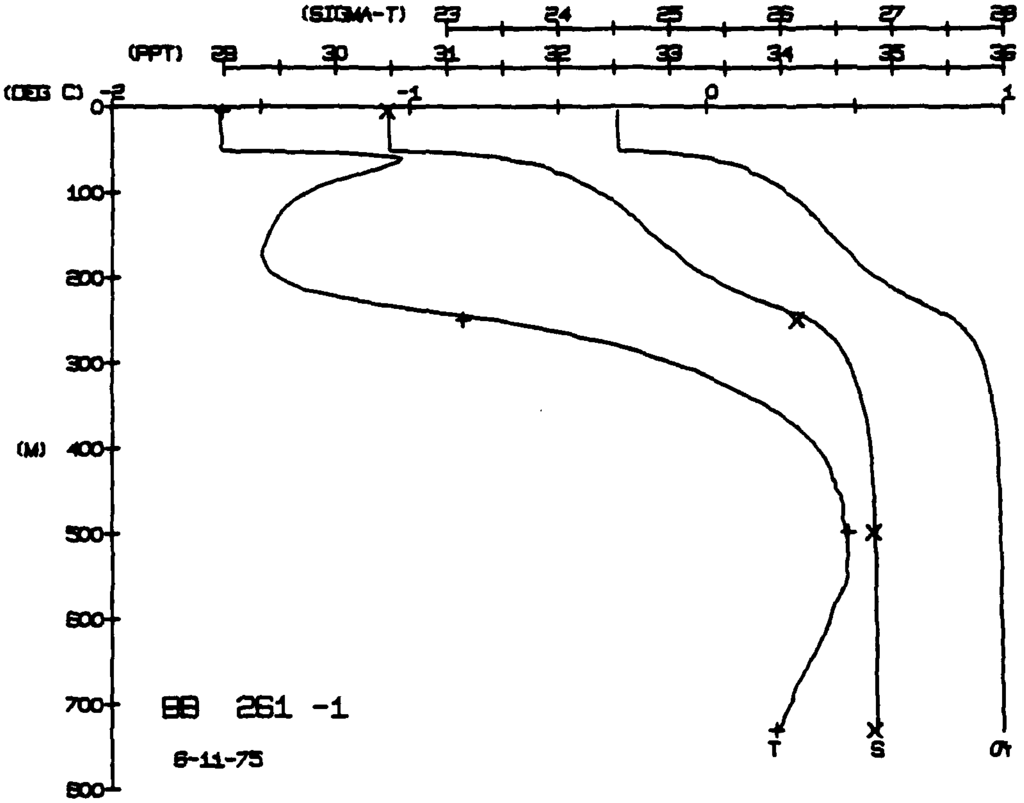
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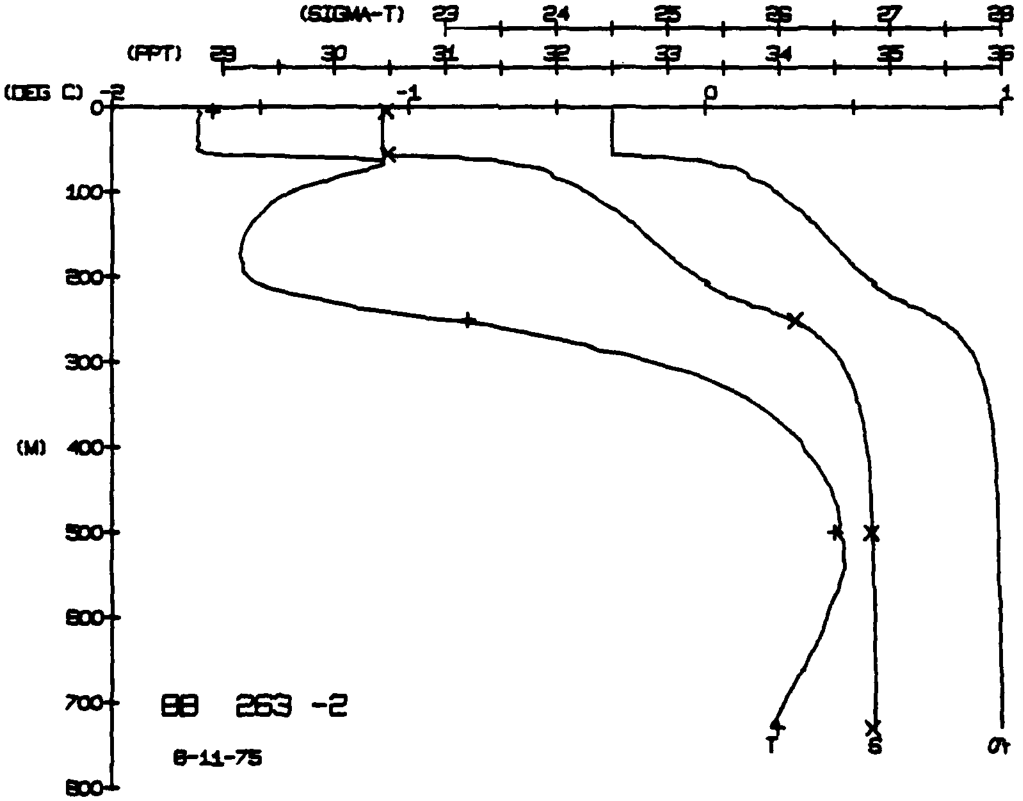
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 261 -1
8-11-75
T
S
σt


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 263 -2
8-11-75
T
S
σt

```
BIG BEAR STATION 265(1) STD  12/JUN/1975  500 GMT  CODE = 2
LAT = 76.3186N LNG = 148.2867W LTER =      1. LGER =      2.
AIR TEMP =  -3.1 BARON = 1018.9 WIND =  12.5 SPEED =  23.1

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.70   -1.70   30.42   24.49   345.6   0.000   1434.8
   5.0   -1.70   -1.70   30.42   24.49   345.5   0.017   1434.9
   6.1   -1.70   -1.70   30.42   24.49   345.5   0.021   1434.9
  10.0   -1.71   -1.71   30.42   24.49   345.5   0.035   1435.0
  15.0   -1.71   -1.71   30.42   24.49   345.5   0.052   1435.1
  20.0   -1.71   -1.71   30.42   24.48   345.5   0.070   1435.1
  25.0   -1.70   -1.70   30.42   24.48   345.4   0.087   1435.2
  30.0   -1.71   -1.71   30.42   24.49   345.0   0.104   1435.3
  35.0   -1.71   -1.71   30.42   24.49   344.8   0.122   1435.4
  40.0   -1.70   -1.70   30.43   24.49   344.8   0.139   1435.5
  45.0   -1.70   -1.70   30.43   24.49   344.6   0.156   1435.6
  50.0   -1.68   -1.68   30.43   24.49   344.4   0.174   1435.9
  55.0   -1.14   -1.14   31.27   25.16   280.7   0.190   1439.6
  60.0   -1.09   -1.09   31.55   25.39   259.1   0.203   1440.3
  65.0   -1.14   -1.15   31.77   25.57   241.9   0.216   1440.5
  70.0   -1.17   -1.18   31.94   25.71   228.9   0.228   1440.6
  80.0   -1.28   -1.28   32.05   25.80   219.8   0.250   1440.4
  90.0   -1.39   -1.39   32.24   25.95   205.5   0.272   1440.4
 100.0   -1.44   -1.45   32.39   26.08   193.3   0.292   1440.5
 110.0   -1.48   -1.48   32.52   26.18   184.7   0.311   1440.7
 120.0   -1.51   -1.51   32.60   26.25   177.0   0.329   1440.8
 130.0   -1.51   -1.52   32.70   26.33   169.6   0.346   1441.1
 140.0   -1.53   -1.53   32.77   26.39   163.7   0.363   1441.3
 150.0   -1.54   -1.54   32.82   26.43   159.6   0.380   1441.5
 160.0   -1.54   -1.55   32.90   26.49   154.1   0.395   1441.7
 170.0   -1.56   -1.56   32.97   26.54   148.6   0.411   1441.9
 180.0   -1.57   -1.57   33.05   26.61   142.3   0.425   1442.1
 190.0   -1.56   -1.57   33.15   26.70   134.1   0.439   1442.5
 200.0   -1.54   -1.54   33.30   26.81   123.1   0.452   1442.9
 210.0   -1.47   -1.47   33.46   26.94   110.8   0.464   1443.7
 220.0   -1.36   -1.37   33.59   27.04   101.4   0.475   1444.5
 230.0   -1.21   -1.22   33.76   27.18    88.6   0.484   1445.6
 240.0   -1.00   -1.01   34.01   27.37    70.3   0.492   1447.2
 250.0   -0.80   -0.81   34.18   27.50    58.2   0.499   1448.5
 260.0   -0.65   -0.66   34.31   27.60    49.3   0.504   1449.5
 270.0   -0.52   -0.53   34.39   27.66    43.5   0.509   1450.4
 280.0   -0.37   -0.38   34.47   27.72    38.0   0.513   1451.4
 290.0   -0.25   -0.26   34.53   27.76    34.6   0.517   1452.2
 300.0   -0.14   -0.15   34.57   27.79    31.5   0.520   1452.9
 310.0   -0.05   -0.06   34.62   27.82    28.6   0.523   1453.6
 320.0    0.02    0.01   34.65   27.85    26.4   0.526   1454.1
 330.0    0.08    0.06   34.67   27.86    25.1   0.529   1454.5
 340.0    0.13    0.12   34.70   27.88    23.2   0.531   1455.0
 350.0    0.17    0.15   34.72   27.89    22.3   0.533   1455.4
 370.0    0.21    0.19   34.73   27.90    21.3   0.538   1455.9
 390.0    0.29    0.27   34.76   27.92    19.6   0.542   1456.6
 410.0    0.35    0.34   34.79   27.94    18.0   0.546   1457.3
 430.0    0.40    0.38   34.81   27.95    16.9   0.549   1457.9
 450.0    0.43    0.41   34.82   27.96    16.3   0.553   1458.3
 470.0    0.46    0.44   34.83   27.96    16.0   0.556   1458.8
 490.0    0.48    0.46   34.84   27.97    15.2   0.559   1459.3
 510.0    0.49    0.47   34.84   27.97    15.2   0.562   1459.6
 530.0    0.49    0.46   34.85   27.98    14.8   0.565   1460.0
 550.0    0.48    0.45   34.86   27.98    14.1   0.568   1460.3
 570.0    0.46    0.44   34.86   27.99    13.8   0.571   1460.6
 590.0    0.43    0.41   34.86   27.99    13.4   0.574   1460.8
 610.0    0.41    0.38   34.86   27.99    13.0   0.576   1461.0
 630.0    0.39    0.36   34.87   28.00    12.5   0.579   1461.2
 650.0    0.35    0.32   34.87   28.00    12.2   0.581   1461.4
 670.0    0.32    0.29   34.87   28.01    11.7   0.584   1461.6
 690.0    0.29    0.26   34.87   28.01    11.5   0.586   1461.8
 710.0    0.26    0.23   34.87   28.01    11.2   0.588   1462.0
 728.5    0.24    0.21   34.88   28.02    10.8   0.590   1462.2

                       DEPTH       TEMP.       SALIN

     BOT NUM = 1         3.9       -1.63       30.47
     BOT NUM = 2        58.8                   31.28
     BOT NUM = 3       249.5       -0.88       34.10
     BOT NUM = 4       496.2        0.48       34.85
     BOT NUM = 5       729.7        0.24       34.87
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BIG BEAR STATION 267(1) STD  12/JUN/1975 1700 GMT  CODE = 2
LAT = 76.3176N LNG = 148.2810W LTER =      1. LGER =      2.
AIR TEMP =  -2.0 BARON = 1017.8 WIND = 306.1 SPEED =  22.6

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.71   -1.71   30.43   24.49   345.0   0.000   1434.8
  5.0   -1.71   -1.71   30.43   24.49   345.0   0.017   1434.9
  5.2   -1.71   -1.71   30.43   24.49   345.0   0.018   1434.9
 10.0   -1.71   -1.71   30.43   24.50   344.6   0.035   1435.0
 15.0   -1.72   -1.72   30.43   24.50   344.4   0.052   1435.0
 20.0   -1.72   -1.72   30.43   24.50   344.3   0.069   1435.1
 25.0   -1.72   -1.72   30.43   24.50   344.3   0.087   1435.2
 30.0   -1.72   -1.72   30.43   24.50   344.2   0.104   1435.3
 35.0   -1.73   -1.73   30.43   24.50   344.2   0.121   1435.3
 40.0   -1.73   -1.73   30.43   24.50   344.1   0.139   1435.4
 45.0   -1.73   -1.73   30.43   24.50   344.1   0.156   1435.5
 50.0   -1.73   -1.73   30.43   24.50   344.0   0.173   1435.6
 55.0   -1.71   -1.71   30.44   24.50   343.6   0.191   1435.7
 60.0   -1.18   -1.18   31.23   25.13   283.7   0.207   1439.4
 65.0   -1.09   -1.09   31.54   25.38   260.1   0.220   1440.4
 70.0   -1.12   -1.12   31.82   25.60   238.6   0.233   1440.7
 80.0   -1.24   -1.25   31.99   25.75   224.7   0.256   1440.5
 90.0   -1.34   -1.35   32.18   25.90   210.0   0.278   1440.5
100.0   -1.43   -1.43   32.34   26.03   197.5   0.299   1440.5
110.0   -1.47   -1.48   32.47   26.14   187.6   0.318   1440.6
120.0   -1.51   -1.51   32.57   26.23   179.2   0.337   1440.8
130.0   -1.53   -1.53   32.66   26.29   172.6   0.354   1441.0
140.0   -1.54   -1.54   32.74   26.36   165.9   0.371   1441.2
150.0   -1.54   -1.55   32.81   26.42   160.7   0.388   1441.4
160.0   -1.55   -1.56   32.87   26.47   155.9   0.404   1441.6
170.0   -1.57   -1.57   32.95   26.53   150.1   0.419   1441.8
180.0   -1.58   -1.59   33.03   26.60   143.6   0.434   1442.0
190.0   -1.58   -1.58   33.12   26.67   136.6   0.448   1442.4
200.0   -1.55   -1.55   33.26   26.78   126.1   0.461   1442.9
210.0   -1.49   -1.49   33.43   26.92   113.3   0.474   1443.6
220.0   -1.39   -1.39   33.57   27.03   102.6   0.484   1444.4
230.0   -1.22   -1.23   33.76   27.18    88.7   0.494   1445.6
240.0   -1.03   -1.04   34.01   27.37    70.2   0.502   1447.0
250.0   -0.86   -0.87   34.18   27.50    58.2   0.509   1448.2
260.0   -0.66   -0.67   34.31   27.60    49.2   0.514   1449.5
270.0   -0.50   -0.51   34.40   27.67    43.0   0.519   1450.5
280.0   -0.36   -0.37   34.47   27.72    37.9   0.523   1451.4
290.0   -0.24   -0.25   34.54   27.77    33.8   0.526   1452.2
300.0   -0.15   -0.17   34.58   27.80    30.8   0.530   1452.9
310.0   -0.07   -0.08   34.62   27.82    28.4   0.533   1453.5
320.0    0.01   -0.01   34.65   27.85    26.2   0.535   1454.0
330.0    0.07    0.06   34.68   27.87    24.3   0.538   1454.6
340.0    0.13    0.11   34.71   27.88    23.0   0.540   1455.0
350.0    0.17    0.16   34.73   27.90    21.6   0.543   1455.4
370.0    0.26    0.25   34.77   27.92    19.3   0.547   1456.2
390.0    0.33    0.31   34.79   27.94    17.9   0.551   1456.8
410.0    0.38    0.36   34.81   27.95    16.9   0.554   1457.4
430.0    0.42    0.40   34.82   27.96    16.3   0.557   1458.0
450.0    0.44    0.42   34.83   27.97    15.6   0.561   1458.4
470.0    0.46    0.44   34.84   27.97    14.9   0.564   1458.9
490.0    0.47    0.45   34.85   27.98    14.6   0.567   1459.3
510.0    0.47    0.44   34.85   27.98    14.4   0.570   1459.6
530.0    0.47    0.44   34.86   27.98    14.0   0.572   1459.9
550.0    0.46    0.44   34.86   27.98    14.0   0.575   1460.2
570.0    0.44    0.42   34.86   27.99    13.4   0.578   1460.5
590.0    0.43    0.41   34.86   27.99    13.3   0.581   1460.8
610.0    0.41    0.38   34.86   27.99    13.0   0.583   1461.0
630.0    0.39    0.36   34.87   28.00    12.6   0.586   1461.2
650.0    0.36    0.33   34.87   28.00    12.1   0.589   1461.4
670.0    0.32    0.29   34.87   28.01    11.8   0.591   1461.6
690.0    0.29    0.26   34.87   28.01    11.7   0.593   1461.8
710.0    0.27    0.24   34.88   28.01    11.2   0.596   1462.0

                        DEPTH       TEMP.       SALIN

       BOT NUM = 1        4.4                   30.45
       BOT NUM = 2       45.3                   30.47
       BOT NUM = 3      250.6       -0.88
       BOT NUM = 4      496.7        0.47       34.84
       BOT NUM = 5      729.1        0.24       34.87
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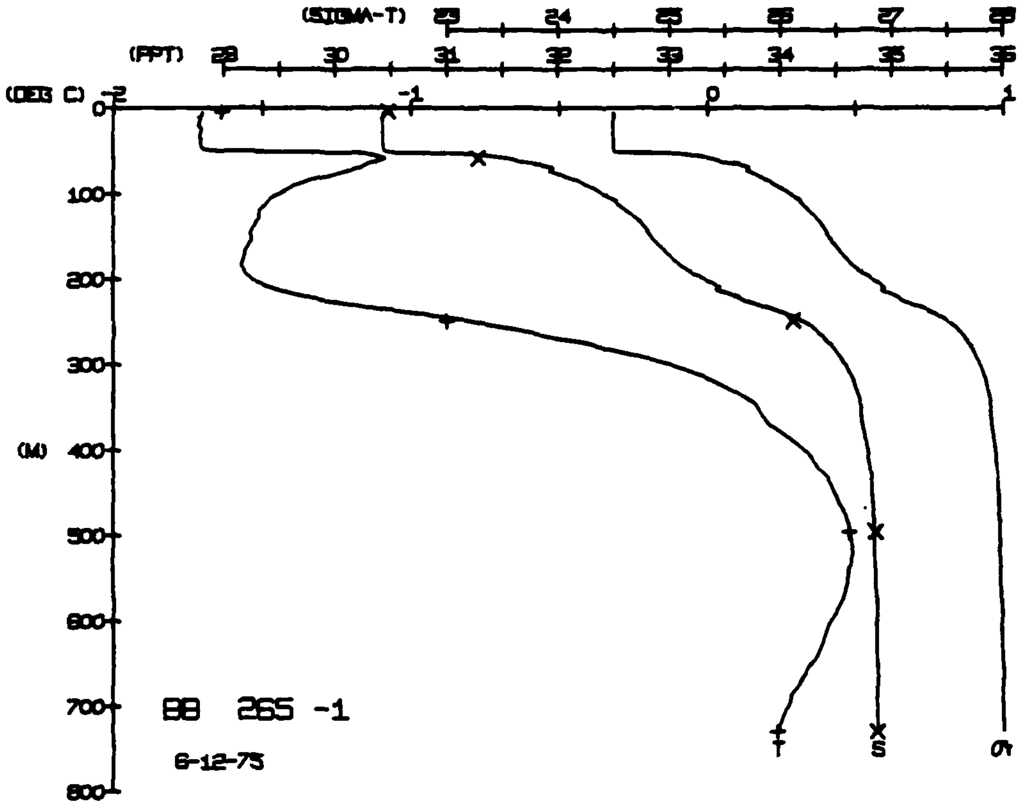
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
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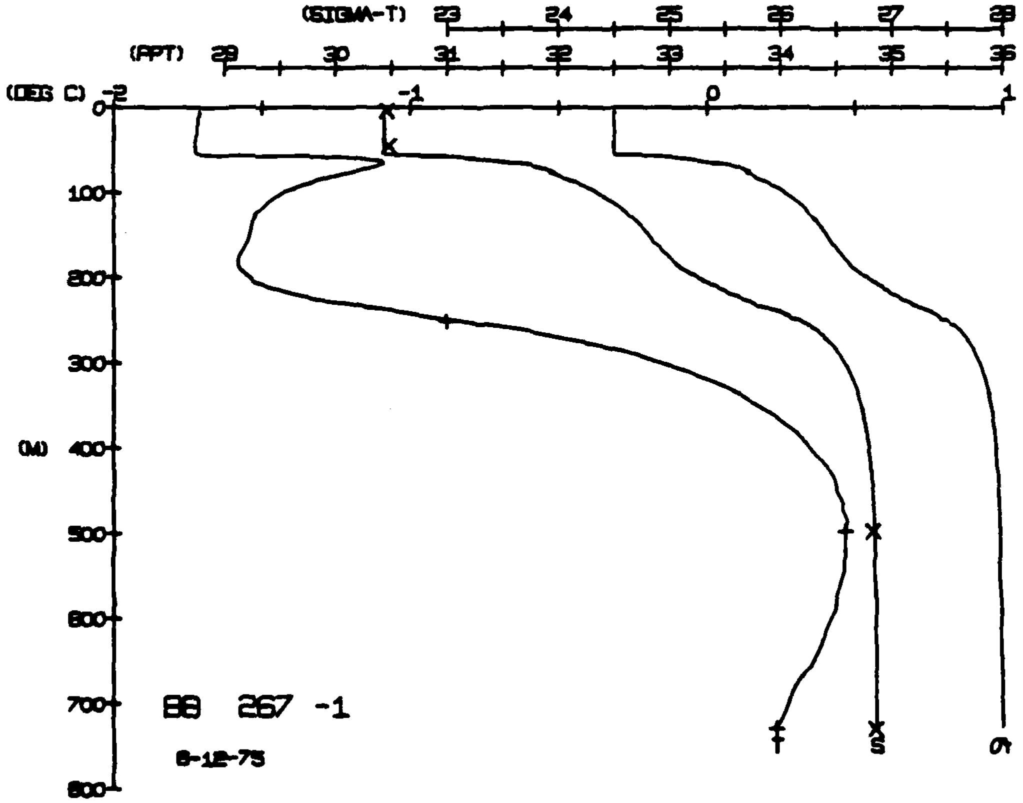
σt
BB 265 -1
8-12-75


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
T
S
σt
BB 267 -1
8-12-75

```
BIG BEAR STATION 271(1) STD  13/JUN/1975 1700 GMT  CODE = 2
LAT = 76.3085N LNG = 148.3640W LTER =      1, LGER =      2,
AIR TEMP =  -2.0 BAROM = 1014.1 WIND = 306.1 SPEED =  22.6

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.68   -1.68   30.43   24.50   344.5   0.000   1434.9
   5.0   -1.68   -1.68   30.43   24.50   344.4   0.017   1435.0
   7.2   -1.68   -1.68   30.43   24.50   344.4   0.025   1435.1
  10.0   -1.69   -1.69   30.43   24.50   344.4   0.035   1435.1
  15.0   -1.69   -1.69   30.43   24.50   344.3   0.052   1435.2
  20.0   -1.69   -1.69   30.43   24.50   344.3   0.069   1435.3
  25.0   -1.69   -1.69   30.43   24.50   344.3   0.087   1435.3
  30.0   -1.69   -1.69   30.43   24.50   344.2   0.104   1435.4
  35.0   -1.69   -1.69   30.43   24.50   344.1   0.121   1435.5
  40.0   -1.70   -1.70   30.43   24.50   344.0   0.139   1435.5
  45.0   -1.70   -1.70   30.43   24.50   343.9   0.156   1435.6
  50.0   -1.70   -1.70   30.43   24.50   343.9   0.173   1435.7
  55.0   -1.22   -1.22   31.22   25.12   284.3   0.189   1439.2
  60.0   -1.10   -1.10   31.57   25.41   257.4   0.203   1440.3
  65.0   -1.11   -1.11   31.73   25.54   245.9   0.215   1440.6
  70.0   -1.15   -1.15   31.89   25.66   233.2   0.228   1440.7
  80.0   -1.25   -1.25   32.04   25.79   220.9   0.250   1440.6
  90.0   -1.34   -1.34   32.22   25.94   207.0   0.272   1440.6
 100.0   -1.41   -1.42   32.36   26.05   196.1   0.292   1440.6
 110.0   -1.46   -1.46   32.47   26.14   187.4   0.312   1440.7
 120.0   -1.49   -1.49   32.57   26.22   179.6   0.330   1440.8
 130.0   -1.51   -1.52   32.67   26.30   172.0   0.348   1441.0
 140.0   -1.53   -1.53   32.75   26.37   165.5   0.365   1441.3
 150.0   -1.54   -1.55   32.83   26.44   158.9   0.381   1441.5
 160.0   -1.56   -1.56   32.91   26.50   152.6   0.397   1441.7
 170.0   -1.56   -1.57   33.00   26.57   146.0   0.412   1441.9
 180.0   -1.57   -1.57   33.08   26.64   139.7   0.426   1442.2
 190.0   -1.55   -1.56   33.18   26.72   132.0   0.440   1442.6
 200.0   -1.51   -1.51   33.36   26.86   118.4   0.453   1443.2
 210.0   -1.44   -1.45   33.45   26.93   111.6   0.464   1443.8
 220.0   -1.32   -1.32   33.65   27.09    96.7   0.475   1444.8
 230.0   -1.16   -1.17   33.85   27.25    82.0   0.484   1446.0
 240.0   -0.92   -0.93   34.09   27.44    64.4   0.491   1447.6
 250.0   -0.75   -0.75   34.23   27.54    54.9   0.497   1448.8
 260.0   -0.59   -0.60   34.35   27.63    46.3   0.502   1449.9
 270.0   -0.47   -0.48   34.44   27.70    40.1   0.507   1450.7
 280.0   -0.32   -0.33   34.50   27.74    35.9   0.511   1451.6
 290.0   -0.22   -0.23   34.55   27.78    32.8   0.514   1452.4
 300.0   -0.13   -0.14   34.59   27.81    30.1   0.517   1453.0
 310.0   -0.05   -0.06   34.63   27.83    27.7   0.520   1453.6
 320.0    0.02    0.01   34.67   27.86    25.3   0.523   1454.1
 330.0    0.09    0.08   34.69   27.88    23.7   0.525   1454.7
 340.0    0.14    0.13   34.72   27.89    22.3   0.528   1455.1
 350.0    0.19    0.17   34.73   27.90    21.3   0.530   1455.5
 370.0    0.27    0.26   34.77   27.92    19.2   0.534   1456.2
 390.0    0.33    0.32   34.79   27.94    17.8   0.538   1456.9
 410.0    0.38    0.36   34.81   27.95    16.8   0.541   1457.4
 430.0    0.41    0.39   34.82   27.96    16.3   0.545   1457.9
 450.0    0.42    0.40   34.83   27.96    15.7   0.548   1458.3
 470.0    0.46    0.44   34.84   27.97    15.1   0.551   1458.8
 490.0    0.47    0.44   34.84   27.97    14.9   0.554   1459.2
 510.0    0.47    0.45   34.85   27.98    14.7   0.557   1459.6
 530.0    0.47    0.44   34.85   27.98    14.4   0.560   1459.9
 550.0    0.46    0.44   34.86   27.99    14.0   0.563   1460.2
 570.0    0.45    0.42   34.86   27.99    13.5   0.566   1460.5
 590.0    0.42    0.40   34.86   27.99    13.2   0.568   1460.7
 610.0    0.40    0.37   34.87   28.00    12.8   0.571   1460.9
 630.0    0.38    0.35   34.87   28.00    12.6   0.573   1461.2
 650.0    0.35    0.32   34.87   28.00    12.3   0.576   1461.4
 670.0    0.32    0.29   34.87   28.01    11.9   0.578   1461.6
 690.0    0.29    0.26   34.87   28.01    11.6   0.581   1461.8
 710.0    0.27    0.23   34.88   28.01    11.0   0.583   1462.0
 727.9    0.23    0.20   34.88   28.02    10.7   0.585   1462.2

                     DEPTH      TEMP.      SALIN

     BOT NUM = 1       4.2      -1.50      30.45
     BOT NUM = 2      45.2                 30.47
     BOT NUM = 3     250.6      -0.81      34.17
     BOT NUM = 4     497.5       0.47      34.84
     BOT NUM = 5     730.5       0.24      34.87
```

```
BIG BEAR STATION 273(1) STD  14/JUN/1975  500 GMT  CODE = 2
LAT = 76.3124N LNG = 148.3896W LTER =      0, LGER =      0,
AIR TEMP =  -2.7 BAROM = 1015.3 WIND =  41.7 SPEED =  31.3

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.61   -1.61   30.46   24.52   342.2   0.000   1435.3
  4.5   -1.61   -1.61   30.46   24.52   342.1   0.015   1435.4
  5.0   -1.61   -1.61   30.46   24.52   342.1   0.017   1435.4
 10.0   -1.61   -1.61   30.47   24.53   341.6   0.034   1435.5
 15.0   -1.64   -1.64   30.47   24.53   341.3   0.052   1435.5
 20.0   -1.64   -1.64   30.47   24.53   341.2   0.069   1435.5
 25.0   -1.64   -1.64   30.47   24.53   341.1   0.086   1435.6
 30.0   -1.64   -1.64   30.47   24.53   341.1   0.103   1435.7
 35.0   -1.64   -1.64   30.47   24.53   341.0   0.120   1435.8
 40.0   -1.64   -1.64   30.47   24.53   340.9   0.138   1435.9
 45.0   -1.65   -1.65   30.49   24.54   340.0   0.155   1435.9
 50.0   -1.65   -1.65   30.48   24.53   340.6   0.172   1436.0
 55.0   -1.24   -1.25   31.04   24.98   297.8   0.188   1438.8
 60.0   -1.07   -1.07   31.44   25.30   267.9   0.202   1440.3
 65.0   -1.04   -1.05   31.71   25.51   247.2   0.215   1440.8
 70.0   -1.10   -1.10   31.89   25.66   233.0   0.227   1440.9
 80.0   -1.21   -1.21   32.13   25.86   214.3   0.250   1440.9
 90.0   -1.30   -1.30   32.27   25.98   203.2   0.271   1440.8
100.0   -1.31   -1.32   32.36   26.05   196.0   0.291   1441.1
110.0   -1.31   -1.32   32.45   26.12   189.4   0.310   1441.3
120.0   -1.32   -1.32   32.51   26.17   184.3   0.329   1441.6
130.0   -1.38   -1.39   32.59   26.23   178.6   0.348   1441.5
140.0   -1.41   -1.41   32.66   26.29   172.8   0.365   1441.7
150.0   -1.46   -1.46   32.73   26.35   167.0   0.382   1441.7
160.0   -1.47   -1.47   32.82   26.42   160.0   0.399   1442.0
170.0   -1.49   -1.49   32.91   26.50   153.0   0.415   1442.2
180.0   -1.50   -1.51   33.01   26.58   145.2   0.430   1442.4
190.0   -1.51   -1.51   33.10   26.65   138.1   0.444   1442.7
200.0   -1.49   -1.49   33.22   26.75   129.0   0.458   1443.1
210.0   -1.45   -1.45   33.36   26.86   118.5   0.470   1443.6
220.0   -1.36   -1.37   33.55   27.01   104.4   0.481   1444.5
230.0   -1.22   -1.23   33.74   27.16    90.4   0.491   1445.6
240.0   -1.08   -1.09   33.95   27.33    74.7   0.499   1446.7
250.0   -0.89   -0.90   34.13   27.46    61.7   0.506   1448.0
260.0   -0.72   -0.73   34.25   27.56    53.0   0.512   1449.1
270.0   -0.56   -0.57   34.38   27.65    44.2   0.517   1450.2
280.0   -0.42   -0.43   34.45   27.70    39.4   0.521   1451.1
290.0   -0.31   -0.32   34.52   27.76    34.6   0.525   1451.9
300.0   -0.19   -0.20   34.58   27.79    31.1   0.528   1452.7
310.0   -0.09   -0.10   34.62   27.82    28.6   0.531   1453.4
320.0   -0.01   -0.02   34.65   27.84    26.8   0.534   1453.9
330.0    0.05    0.03   34.67   27.86    25.1   0.537   1454.4
340.0    0.11    0.10   34.70   27.88    23.1   0.539   1454.9
350.0    0.17    0.15   34.73   27.90    21.7   0.541   1455.4
370.0    0.25    0.24   34.76   27.92    19.9   0.546   1456.1
390.0    0.31    0.30   34.78   27.93    18.4   0.549   1456.8
410.0    0.36    0.34   34.80   27.95    17.2   0.553   1457.4
430.0    0.40    0.39   34.81   27.96    16.6   0.557   1457.9
450.0    0.43    0.41   34.83   27.96    16.0   0.560   1458.4
470.0    0.45    0.43   34.84   27.97    15.4   0.563   1458.8
490.0    0.46    0.44   34.84   27.98    14.8   0.566   1459.2
510.0    0.47    0.45   34.85   27.98    14.5   0.569   1459.6
530.0    0.47    0.44   34.85   27.98    14.3   0.572   1459.9
550.0    0.46    0.44   34.86   27.99    14.0   0.575   1460.2
570.0    0.43    0.40   34.86   27.99    13.5   0.578   1460.4
590.0    0.43    0.40   34.86   27.99    13.3   0.580   1460.7
610.0    0.41    0.38   34.87   28.00    12.9   0.583   1461.0
630.0    0.38    0.35   34.87   28.00    12.5   0.585   1461.2
650.0    0.35    0.32   34.87   28.00    12.1   0.588   1461.4
670.0    0.33    0.30   34.87   28.01    11.9   0.590   1461.6
690.0    0.29    0.26   34.87   28.01    11.5   0.593   1461.8
710.0    0.26    0.23   34.88   28.01    11.2   0.595   1462.0
728.5    0.23    0.20   34.88   28.02    10.8   0.597   1462.2

                     DEPTH      TEMP.      SALIN

     BOT NUM = 1       4.4      -1.48      30.45
     BOT NUM = 2      45.4                 30.47
     BOT NUM = 3     249.9      -0.88      34.11
     BOT NUM = 4     497.7       0.47      34.86
     BOT NUM = 5     729.9       0.24      34.87
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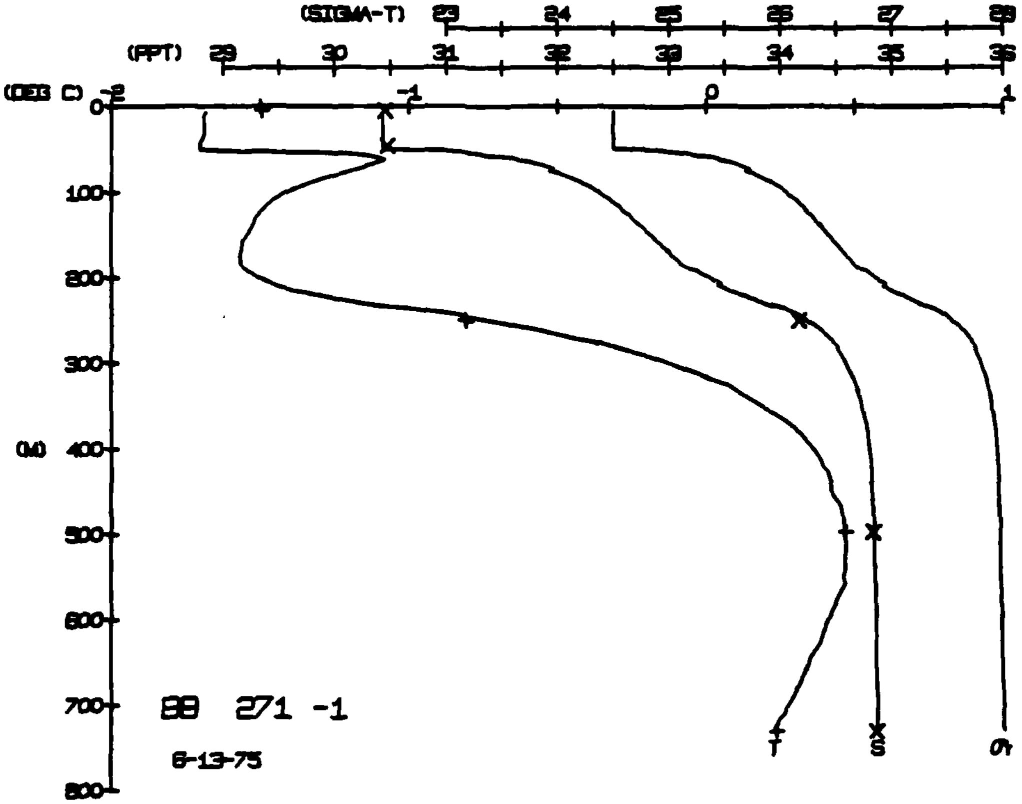
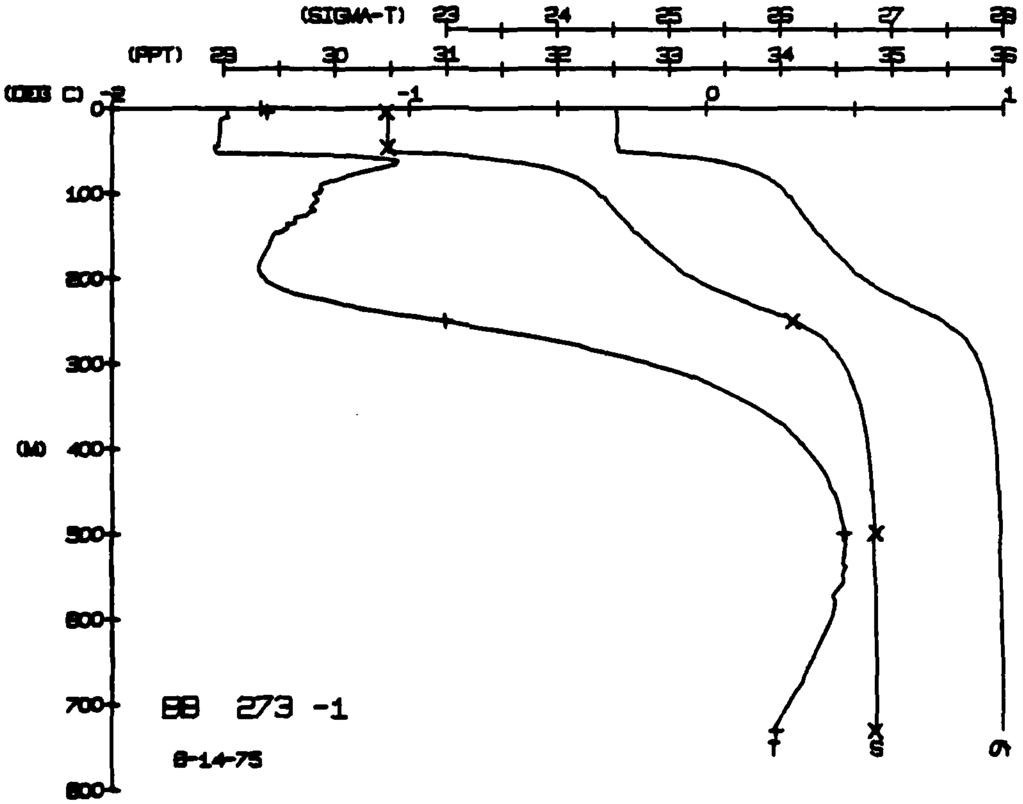


BB 271 -1

8-13-75



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8-14-75

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                    BIG BEAR STATION 275(1) STD  14/JUN/1975 1700 GMT  CODE = 2
                     LAT = 76.3232N LNG = 148.3995W LTCK =     0, LGER =     0,
                     AIR TEMP =  -2.7 BAROM = 1017.0 WIND =  35.1 SPEED =  29.5

  DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND        DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

    0.0   -1.62   -1.62   30.47   24.52   342.0   0.000  1435.3        850.0    0.08    0.04   34.88   28.02     9.7   0.612  1463.5
    5.0   -1.62   -1.62   30.47   24.52   341.9   0.017  1435.4        900.0    0.03   -0.02   34.88   28.03     9.0   0.617  1464.1
    5.0   -1.62   -1.62   30.47   24.52   341.9   0.017  1435.4        950.0   -0.02   -0.06   34.89   28.04     8.3   0.621  1464.7
   10.0   -1.62   -1.62   30.47   24.52   341.8   0.034  1435.5       1000.0   -0.07   -0.11   34.89   28.04     7.6   0.625  1465.4
   15.0   -1.63   -1.63   30.47   24.52   341.7   0.052  1435.5       1050.0   -0.10   -0.15   34.89   28.05     7.2   0.629  1466.0
   20.0   -1.64   -1.64   30.47   24.53   341.6   0.069  1435.6       1100.0   -0.14   -0.19   34.90   28.05     6.7   0.632  1466.7
   25.0   -1.64   -1.64   30.47   24.53   341.5   0.086  1435.6       1150.0   -0.18   -0.23   34.90   28.05     6.1   0.636  1467.4
   30.0   -1.64   -1.64   30.47   24.53   341.4   0.103  1435.7       1200.0   -0.20   -0.26   34.90   28.06     5.6   0.639  1468.1
   35.0   -1.64   -1.64   30.47   24.53   341.4   0.120  1435.8       1250.0   -0.23   -0.29   34.91   28.06     5.1   0.641  1468.8
   40.0   -1.64   -1.64   30.47   24.53   341.3   0.138  1435.9       1300.0   -0.26   -0.32   34.91   28.06     4.9   0.644  1469.6
   45.0   -1.65   -1.65   30.47   24.53   341.0   0.155  1435.9       1350.0   -0.28   -0.34   34.91   28.07     4.4   0.646  1470.3
   50.0   -1.57   -1.57   30.48   24.53   340.9   0.172  1436.4       1400.0   -0.29   -0.36   34.91   28.07     4.0   0.648  1471.1
   55.0   -1.12   -1.12   31.27   25.16   280.9   0.188  1439.7       1450.0   -0.32   -0.39   34.92   28.07     3.5   0.650  1471.8
   60.0   -1.04   -1.04   31.58   25.41   257.0   0.201  1440.6       1500.0   -0.34   -0.41   34.92   28.08     3.0   0.652  1472.6
   65.0   -1.10   -1.10   31.85   25.63   235.8   0.214  1440.8       1550.0   -0.37   -0.45   34.92   28.08     2.5   0.653  1473.3
   70.0   -1.17   -1.17   32.02   25.77   223.1   0.225  1440.8       1600.0   -0.38   -0.46   34.92   28.08     2.1   0.654  1474.1
   80.0   -1.23   -1.24   32.19   25.91   209.3   0.247  1440.9       1650.0   -0.39   -0.47   34.93   28.09     1.8   0.655  1474.9
   90.0   -1.25   -1.26   32.29   25.99   202.1   0.268  1441.1       1700.0   -0.40   -0.48   34.93   28.09     1.5   0.656  1475.7
  100.0   -1.27   -1.27   32.37   26.06   195.3   0.288  1441.3       1750.0   -0.41   -0.49   34.93   28.09     1.3   0.657  1476.5
  110.0   -1.26   -1.26   32.43   26.11   190.7   0.307  1441.6       1800.0   -0.42   -0.50   34.93   28.09     1.0   0.658  1477.3
  120.0   -1.27   -1.28   32.50   26.16   185.3   0.326  1441.8       1850.0   -0.42   -0.51   34.93   28.09     0.9   0.658  1478.2
  130.0   -1.28   -1.29   32.56   26.21   181.0   0.345  1442.0       1900.0   -0.42   -0.51   34.94   28.10     0.7   0.658  1479.0
  140.0   -1.30   -1.30   32.63   26.26   175.6   0.363  1442.1       1950.0   -0.42   -0.52   34.94   28.10     0.6   0.659  1479.8
  150.0   -1.39   -1.40   32.69   26.32   170.3   0.380  1442.0       2000.0   -0.42   -0.52   34.94   28.10     0.5   0.659  1480.7
  160.0   -1.46   -1.47   32.78   26.39   163.3   0.397  1441.9       2050.0   -0.42   -0.53   34.94   28.10     0.4   0.659  1481.5
  170.0   -1.49   -1.49   32.87   26.47   155.8   0.413  1442.1       2100.0   -0.42   -0.53   34.94   28.10     0.4   0.659  1482.4
  180.0   -1.50   -1.51   32.97   26.55   148.1   0.428  1442.4       2150.0   -0.42   -0.53   34.94   28.10     0.3   0.660  1483.3
  190.0   -1.51   -1.52   33.07   26.63   140.6   0.443  1442.6       2200.0   -0.42   -0.53   34.94   28.10     0.2   0.660  1484.1
  200.0   -1.50   -1.50   33.20   26.73   130.9   0.457  1443.0       2250.0   -0.41   -0.53   34.94   28.10     0.1   0.660  1485.0
  210.0   -1.46   -1.46   33.32   26.83   121.2   0.469  1443.5       2300.0   -0.41   -0.54   34.94   28.10     0.1   0.660  1485.8
  220.0   -1.38   -1.39   33.49   26.96   108.6   0.481  1444.3       2350.0   -0.41   -0.53   34.94   28.10     0.0   0.660  1486.7
  230.0   -1.22   -1.23   33.71   27.14    92.5   0.491  1445.5       2400.0   -0.40   -0.53   34.94   28.10     0.0   0.660  1487.6
  240.0   -1.08   -1.08   33.91   27.29    77.9   0.500  1446.7       2450.0   -0.40   -0.53   34.94   28.10     0.1   0.660  1488.5
  250.0   -0.88   -0.89   34.11   27.45    63.0   0.507  1448.0       2500.0   -0.39   -0.53   34.94   28.10    -0.1   0.660  1489.4
  260.0   -0.68   -0.68   34.27   27.57    52.2   0.513  1449.4       2550.0   -0.39   -0.53   34.94   28.10    -0.2   0.660  1490.2
  270.0   -0.51   -0.52   34.37   27.64    45.2   0.518  1450.4       2600.0   -0.38   -0.53   34.94   28.10    -0.3   0.660  1491.1
  280.0   -0.43   -0.44   34.45   27.70    39.7   0.522  1451.1       2650.0   -0.38   -0.53   34.94   28.10    -0.3   0.660  1492.0
  290.0   -0.29   -0.30   34.51   27.75    35.5   0.526  1452.0       2700.0   -0.37   -0.53   34.94   28.10    -0.3   0.659  1492.9
  300.0   -0.17   -0.18   34.56   27.78    32.2   0.529  1452.8       2750.0   -0.37   -0.53   34.94   28.10    -0.3   0.659  1493.7
  310.0   -0.10   -0.11   34.60   27.81    29.5   0.532  1453.3       2800.0   -0.37   -0.53   34.94   28.10    -0.3   0.659  1494.6
  320.0   -0.01   -0.02   34.64   27.84    27.2   0.535  1453.9       2850.0   -0.36   -0.53   34.94   28.10    -0.3   0.659  1495.5
  330.0    0.06    0.05   34.67   27.86    25.3   0.538  1454.5       2900.0   -0.36   -0.53   34.95   28.10    -0.4   0.659  1496.4
  340.0    0.12    0.11   34.70   27.88    23.7   0.540  1455.0       2939.6   -0.35   -0.53   34.95   28.10    -0.5   0.659  1497.1
  350.0    0.18    0.17   34.72   27.89    22.2   0.542  1455.4
  370.0    0.27    0.25   34.76   27.92    19.9   0.547  1456.2
  390.0    0.32    0.30   34.78   27.93    18.5   0.551  1456.8
  410.0    0.36    0.35   34.80   27.95    17.4   0.554  1457.4
  430.0    0.40    0.39   34.81   27.95    16.7   0.558  1457.9
  450.0    0.43    0.41   34.82   27.96    16.3   0.561  1458.4
  470.0    0.46    0.43   34.83   27.97    15.7   0.564  1458.8
  490.0    0.48    0.45   34.84   27.97    15.2   0.567  1459.3
  510.0    0.48    0.46   34.85   27.98    14.8   0.570  1459.6
  530.0    0.48    0.46   34.85   27.98    14.6   0.573  1460.0
  550.0    0.49    0.46   34.85   27.98    14.3   0.576  1460.3
  570.0    0.47    0.44   34.86   27.99    13.9   0.579  1460.6
  590.0    0.44    0.42   34.86   27.99    13.6   0.582  1460.8
  610.0    0.42    0.39   34.86   27.99    13.3   0.585  1461.0
  630.0    0.40    0.37   34.87   28.00    12.8   0.587  1461.3
  650.0    0.37    0.34   34.87   28.00    12.4   0.590  1461.5
  670.0    0.34    0.31   34.87   28.00    12.1   0.592  1461.7
  690.0    0.31    0.28   34.87   28.01    11.8   0.595  1461.9
  710.0    0.28    0.24   34.87   28.01    11.5   0.597  1462.1
  730.0    0.24    0.21   34.88   28.01    11.0   0.599  1462.2
  750.0    0.22    0.18   34.88   28.01    10.9   0.602  1462.5
  800.0    0.14    0.11   34.87   28.02    10.4   0.607  1463.0

                                                  DEPTH        TEMP.        SALIN

                               BUT NUM = 1          5.0        -1.61        30.48
                               BUT NUM = 2        999.9        -0.06        34.90
                               BUT NUM = 3       1990.0        -0.41        34.93
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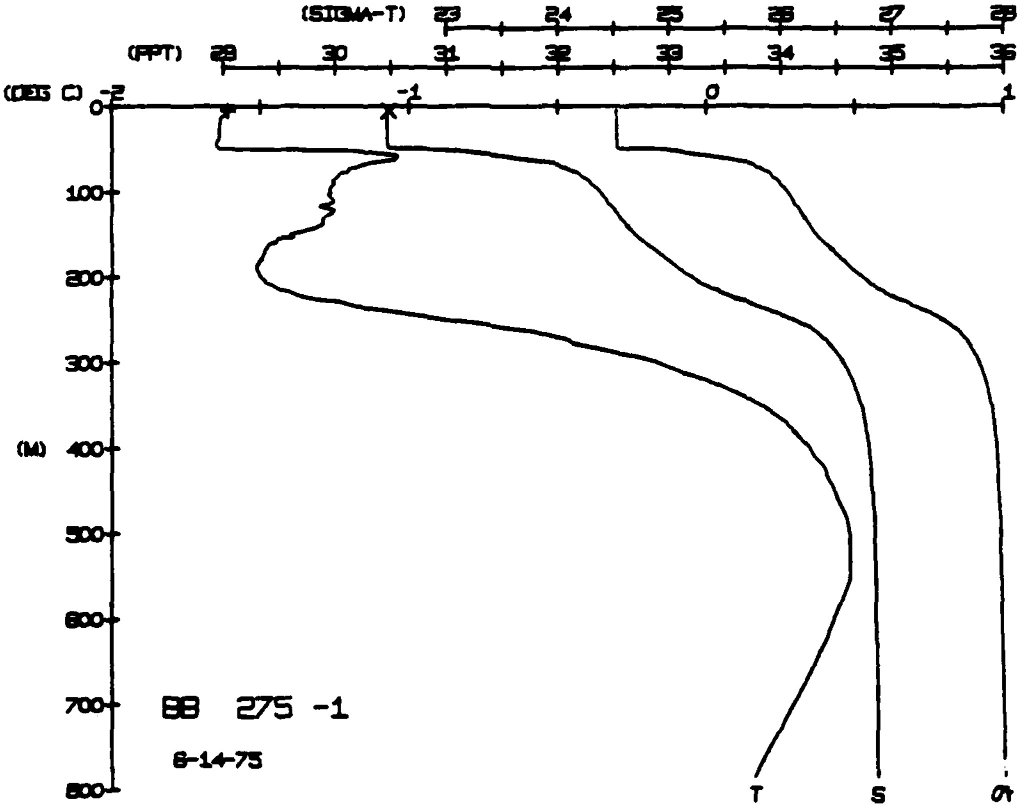
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300
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600
700
800
BB 275 -1
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T
S
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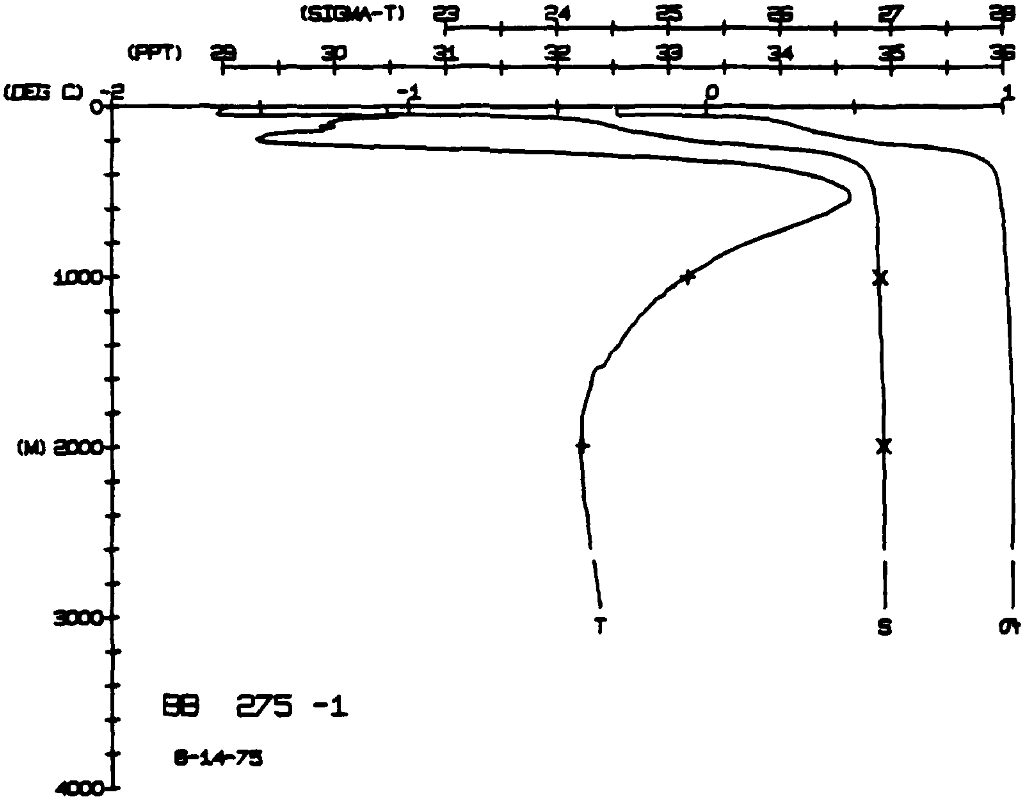
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4000
T
S
σt
BB 275 -1
8-14-75

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BIG BEAR STATION 277(1) STD  15/JUN/1975  500 GMT  CODE = 2
LAT = 76.3429N LNG = 148.4116W LTER =       4. LGER =      10.
AIR TEMP =  -2.7 BAROM = 1018.8 WIND =  35.1 SPEED =  29.5

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0   -1.53  -1.53  30.46  24.51  343.0  0.000  1435.7
   5.0   -1.53  -1.53  30.46  24.51  342.9  0.017  1435.8
   5.8   -1.53  -1.53  30.46  24.51  342.9  0.020  1435.8
  10.0   -1.59  -1.59  30.46  24.52  342.2  0.035  1435.6
  15.0   -1.62  -1.62  30.47  24.52  341.9  0.052  1435.5
  20.0   -1.63  -1.63  30.47  24.52  341.7  0.069  1435.6
  25.0   -1.63  -1.63  30.47  24.53  341.5  0.086  1435.6
  30.0   -1.64  -1.64  30.47  24.53  341.4  0.103  1435.7
  35.0   -1.64  -1.64  30.47  24.53  341.3  0.121  1435.8
  40.0   -1.64  -1.64  30.47  24.53  341.1  0.138  1435.9
  45.0   -1.64  -1.64  30.47  24.53  340.9  0.155  1436.0
  50.0   -1.64  -1.64  30.47  24.53  340.8  0.172  1436.0
  55.0   -1.26  -1.26  30.99  24.94  301.6  0.188  1438.7
  60.0   -1.07  -1.07  31.45  25.30  267.3  0.203  1440.3
  65.0   -1.06  -1.06  31.66  25.47  251.0  0.216  1440.7
  70.0   -1.10  -1.10  31.84  25.62  236.9  0.228  1440.9
  80.0   -1.21  -1.21  32.09  25.82  217.7  0.251  1440.8
  90.0   -1.30  -1.30  32.28  25.97  203.7  0.272  1440.8
 100.0   -1.36  -1.36  32.38  26.07  194.2  0.292  1440.9
 110.0   -1.40  -1.40  32.48  26.15  186.5  0.311  1441.0
 120.0   -1.43  -1.43  32.56  26.21  180.3  0.330  1441.1
 130.0   -1.45  -1.45  32.64  26.28  174.0  0.348  1441.3
 140.0   -1.46  -1.47  32.71  26.34  168.6  0.365  1441.5
 150.0   -1.48  -1.48  32.78  26.39  163.1  0.382  1441.7
 160.0   -1.48  -1.49  32.86  26.46  156.8  0.398  1441.9
 170.0   -1.50  -1.50  32.94  26.52  150.6  0.413  1442.2
 180.0   -1.51  -1.52  33.03  26.59  144.1  0.428  1442.4
 190.0   -1.51  -1.52  33.12  26.67  136.9  0.442  1442.7
 200.0   -1.49  -1.50  33.23  26.76  128.4  0.456  1443.1
 210.0   -1.44  -1.45  33.37  26.87  117.8  0.468  1443.7
 220.0   -1.36  -1.37  33.52  26.99  106.4  0.480  1444.4
 230.0   -1.20  -1.21  33.74  27.16   90.0  0.489  1445.7
 240.0   -1.06  -1.06  33.94  27.32   75.6  0.498  1446.8
 250.0   -0.89  -0.90  34.11  27.45   63.4  0.505  1448.0
 260.0   -0.70  -0.71  34.26  27.56   52.8  0.511  1449.2
 270.0   -0.56  -0.56  34.36  27.64   45.8  0.516  1450.2
 280.0   -0.41  -0.42  34.44  27.70   40.1  0.520  1451.1
 290.0   -0.29  -0.30  34.51  27.75   35.5  0.524  1452.0
 300.0   -0.19  -0.20  34.57  27.79   31.8  0.527  1452.7
 310.0   -0.10  -0.11  34.61  27.81   29.4  0.530  1453.3
 320.0   -0.02  -0.03  34.64  27.84   27.3  0.533  1453.9
 330.0    0.05   0.04  34.67  27.86   25.4  0.536  1454.4
 340.0    0.12   0.11  34.70  27.88   23.6  0.538  1455.0
 350.0    0.18   0.16  34.72  27.89   22.2  0.541  1455.4
 370.0    0.26   0.24  34.76  27.92   20.0  0.545  1456.2
 390.0    0.32   0.31  34.78  27.93   18.4  0.549  1456.8
 410.0    0.37   0.35  34.80  27.95   17.1  0.552  1457.4
 430.0    0.40   0.38  34.82  27.96   16.4  0.556  1457.9
 450.0    0.42   0.40  34.82  27.96   16.0  0.559  1458.3
 470.0    0.45   0.43  34.84  27.97   15.4  0.562  1458.8
 490.0    0.47   0.44  34.84  27.98   14.8  0.565  1459.2
 510.0    0.47   0.45  34.85  27.98   14.4  0.568  1459.6
 530.0    0.46   0.44  34.85  27.98   14.2  0.571  1459.9
 550.0    0.46   0.44  34.86  27.99   13.9  0.574  1460.2
 570.0    0.44   0.42  34.86  27.99   13.6  0.577  1460.5
 590.0    0.43   0.40  34.86  27.99   13.3  0.579  1460.7
 610.0    0.41   0.38  34.87  28.00   12.9  0.582  1461.0
 630.0    0.38   0.35  34.87  28.00   12.5  0.585  1461.2
 650.0    0.35   0.32  34.87  28.00   12.2  0.587  1461.4
 670.0    0.32   0.29  34.87  28.01   11.9  0.590  1461.6
 690.0    0.29   0.26  34.87  28.01   11.5  0.592  1461.8
 710.0    0.26   0.23  34.88  28.01   11.2  0.594  1462.0

                     DEPTH      TEMP.      SALIN

     BUT NUM = 1       4.2      -1.53      30.43
     BUT NUM = 2      45.9                 30.47
     BUT NUM = 3     244.6      -0.97      34.02
     BUT NUM = 4     499.5       0.47      34.85
     BUT NUM = 5     729.5       0.24      34.86
```

```
BIG BEAR STATION 279(1) STD  15/JUN/1975 1700 GMT  CODE = 2
LAT = 76.3467N LNG = 148.4974W LTER =       1. LGER =       2.
AIR TEMP =  -3.6 BAROM = 1019.5 WIND =  56.5 SPEED =  43.0

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0   -1.60  -1.60  30.46  24.52  342.8  0.000  1435.4
   5.0   -1.60  -1.60  30.46  24.52  342.8  0.017  1435.5
  10.0   -1.60  -1.60  30.46  24.52  342.7  0.035  1435.6
  13.4   -1.60  -1.60  30.46  24.52  342.7  0.046  1435.6
  15.0   -1.59  -1.59  30.46  24.52  342.5  0.052  1435.7
  20.0   -1.61  -1.61  30.46  24.52  342.0  0.069  1435.7
  25.0   -1.62  -1.62  30.47  24.52  341.9  0.086  1435.7
  30.0   -1.62  -1.62  30.47  24.52  341.7  0.103  1435.8
  35.0   -1.63  -1.63  30.47  24.52  341.7  0.121  1435.8
  40.0   -1.63  -1.63  30.47  24.52  341.6  0.138  1435.9
  45.0   -1.64  -1.64  30.47  24.52  341.4  0.155  1436.0
  50.0   -1.63  -1.63  30.47  24.53  341.1  0.172  1436.1
  55.0   -1.16  -1.16  31.41  25.28  269.8  0.188  1439.7
  60.0   -1.05  -1.05  31.64  25.46  252.8  0.201  1440.6
  65.0   -1.09  -1.09  31.84  25.62  237.0  0.213  1440.8
  70.0   -1.15  -1.15  31.98  25.74  225.8  0.225  1440.8
  80.0   -1.27  -1.28  32.23  25.94  206.2  0.247  1440.7
  90.0   -1.33  -1.33  32.41  26.09  192.1  0.267  1440.9
 100.0   -1.28  -1.28  32.49  26.15  186.6  0.286  1441.4
 110.0   -1.23  -1.23  32.56  26.21  181.3  0.304  1441.9
 120.0   -1.19  -1.19  32.62  26.26  176.5  0.322  1442.4
 130.0   -1.17  -1.17  32.67  26.29  172.7  0.340  1442.7
 140.0   -1.23  -1.23  32.73  26.34  167.9  0.357  1442.6
 150.0   -1.31  -1.31  32.79  26.39  163.1  0.374  1442.5
 160.0   -1.38  -1.38  32.83  26.43  159.8  0.390  1442.4
 170.0   -1.42  -1.42  32.86  26.46  156.8  0.406  1442.4
 180.0   -1.50  -1.51  32.91  26.50  152.7  0.422  1442.3
 190.0   -1.54  -1.55  32.95  26.53  150.1  0.437  1442.3
 200.0   -1.50  -1.51  33.05  26.61  141.8  0.452  1442.8
 210.0   -1.49  -1.49  33.22  26.75  129.2  0.465  1443.3
 220.0   -1.43  -1.43  33.40  26.89  115.6  0.478  1444.0
 230.0   -1.32  -1.32  33.60  27.05  100.2  0.489  1444.9
 240.0   -1.13  -1.13  33.86  27.25   81.6  0.498  1446.4
 250.0   -0.91  -0.92  34.07  27.42   65.9  0.505  1447.8
 260.0   -0.73  -0.74  34.25  27.55   53.5  0.511  1449.1
 270.0   -0.55  -0.56  34.36  27.63   46.0  0.516  1450.2
 280.0   -0.41  -0.42  34.44  27.70   40.0  0.521  1451.2
 290.0   -0.27  -0.28  34.51  27.74   35.8  0.524  1452.1
 300.0   -0.17  -0.18  34.56  27.78   32.0  0.528  1452.8
 310.0   -0.09  -0.10  34.60  27.81   29.5  0.531  1453.4
 320.0   -0.02  -0.03  34.64  27.83   27.4  0.534  1453.9
 330.0    0.06   0.05  34.67  27.86   25.2  0.537  1454.5
 340.0    0.13   0.11  34.70  27.88   23.7  0.539  1455.0
 350.0    0.18   0.17  34.72  27.89   22.4  0.541  1455.4
 370.0    0.27   0.26  34.75  27.91   20.2  0.546  1456.2
 390.0    0.33   0.31  34.78  27.93   18.5  0.550  1456.9
 410.0    0.38   0.36  34.80  27.94   17.5  0.553  1457.4
 430.0    0.41   0.39  34.82  27.96   16.6  0.557  1457.9
 450.0    0.44   0.42  34.82  27.96   16.2  0.560  1458.4
 470.0    0.47   0.45  34.84  27.97   15.5  0.563  1458.9
 490.0    0.49   0.47  34.84  27.97   15.0  0.566  1459.3
 510.0    0.49   0.47  34.85  27.98   14.7  0.569  1459.7
 530.0    0.49   0.46  34.85  27.98   14.6  0.572  1460.0
 550.0    0.49   0.46  34.86  27.98   14.2  0.575  1460.3
 570.0    0.46   0.44  34.86  27.99   13.8  0.578  1460.6
 590.0    0.44   0.41  34.86  27.99   13.4  0.581  1460.8
 610.0    0.42   0.39  34.87  28.00   13.0  0.583  1461.0
 630.0    0.39   0.36  34.87  28.00   12.6  0.586  1461.2
 650.0    0.36   0.33  34.87  28.00   12.3  0.588  1461.4
 670.0    0.33   0.30  34.87  28.00   12.1  0.591  1461.6
 690.0    0.31   0.27  34.87  28.01   11.7  0.593  1461.9
 710.0    0.28   0.24  34.87  28.01   11.4  0.596  1462.1
 727.7    0.25   0.22  34.88  28.01   11.0  0.598  1462.2

                     DEPTH      TEMP.      SALIN

     BOT NUM = 1       4.2      -1.61
     BOT NUM = 2      44.8                 30.46
     BOT NUM = 3     249.3      -0.94      34.05
     BOT NUM = 4     497.6       0.49      34.85
     ROT NUM = 5     728.8       0.24      34.87
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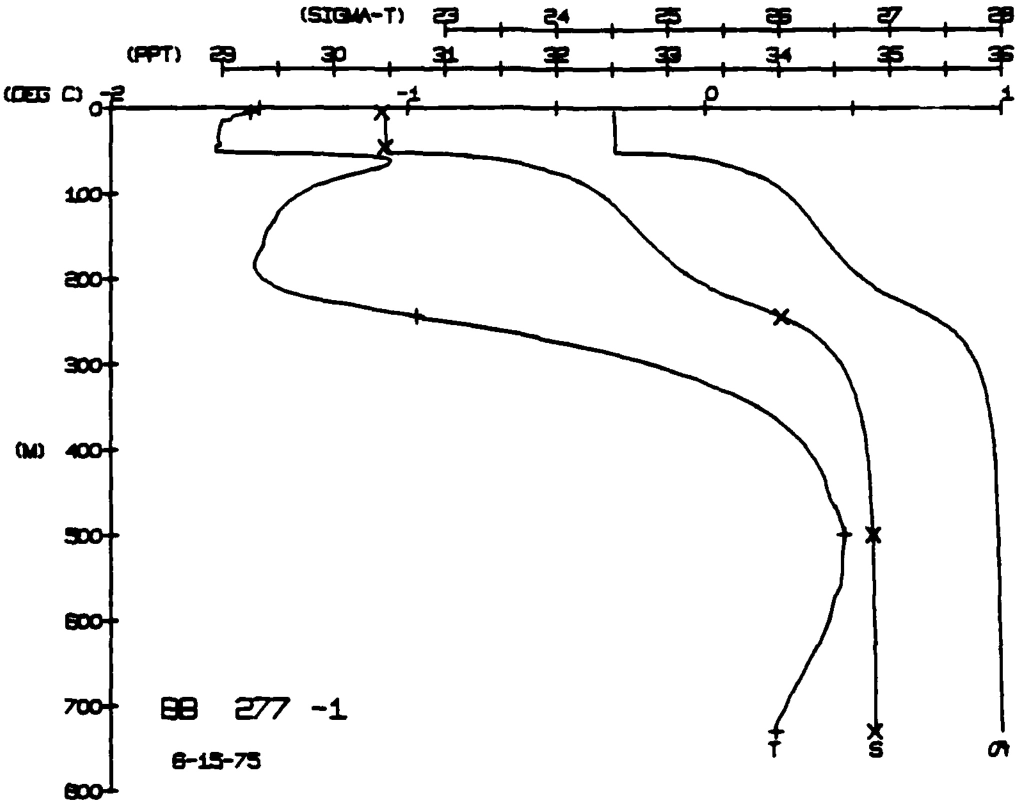
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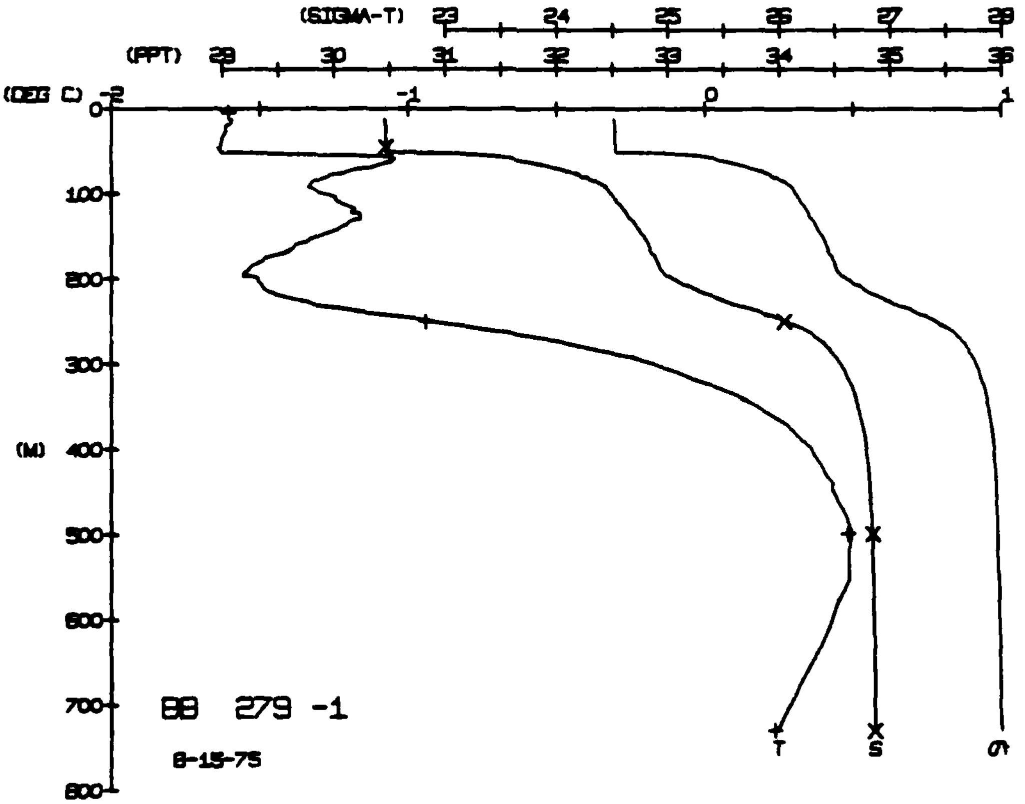
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200
300
(M) 400
500
600
700
800
BB 279 -1
8-15-75
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S
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BIG BEAR STATION 201(1) STD  16/JUN/1975  500 GMT  CODE = 2
LAT = 76.3474N LNG = 148.5955W LTER =      0, LGER =      0,
AIR TEMP =   -3.6 BAROM = 1021.5 WIND =  56.5 SPEED =  43.0

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

  0.0   -1.53   -1.53   30.42   24.49   345.7   0.000   1435.7
  5.0   -1.53   -1.53   30.42   24.49   345.6   0.017   1435.8
  7.5   -1.53   -1.53   30.42   24.49   345.6   0.026   1435.8
 10.0   -1.54   -1.54   30.43   24.50   344.6   0.035   1435.8
 15.0   -1.59   -1.59   30.45   24.51   342.8   0.052   1435.7
 20.0   -1.61   -1.61   30.46   24.52   342.2   0.069   1435.7
 25.0   -1.63   -1.63   30.46   24.52   342.0   0.087   1435.6
 30.0   -1.64   -1.64   30.47   24.52   341.7   0.104   1435.7
 35.0   -1.64   -1.64   30.47   24.52   341.6   0.121   1435.8
 40.0   -1.64   -1.64   30.47   24.53   341.4   0.138   1435.9
 45.0   -1.65   -1.65   30.48   24.53   340.7   0.155   1435.9
 50.0   -1.65   -1.65   30.48   24.54   340.2   0.173   1436.0
 55.0   -1.10   -1.10   31.44   25.30   267.6   0.188   1440.0
 60.0   -1.08   -1.09   31.64   25.46   252.4   0.201   1440.5
 65.0   -1.13   -1.13   31.88   25.66   233.7   0.213   1440.7
 70.0   -1.22   -1.22   32.04   25.78   221.5   0.225   1440.6
 80.0   -1.29   -1.29   32.31   26.01   200.2   0.246   1440.8
 90.0   -1.27   -1.27   32.40   26.08   193.5   0.266   1441.1
100.0   -1.25   -1.25   32.47   26.14   187.7   0.285   1441.5
110.0   -1.21   -1.22   32.55   26.20   182.0   0.304   1442.0
120.0   -1.18   -1.18   32.61   26.25   177.2   0.322   1442.4
130.0   -1.18   -1.18   32.66   26.29   173.3   0.339   1442.6
140.0   -1.24   -1.25   32.72   26.34   168.3   0.357   1442.6
150.0   -1.31   -1.31   32.78   26.39   163.9   0.373   1442.5
160.0   -1.37   -1.37   32.82   26.42   160.7   0.390   1442.4
170.0   -1.47   -1.47   32.88   26.47   155.7   0.406   1442.2
180.0   -1.51   -1.52   32.90   26.49   153.6   0.421   1442.2
190.0   -1.57   -1.57   32.94   26.52   150.3   0.437   1442.2
200.0   -1.60   -1.60   32.97   26.55   147.9   0.452   1442.2
210.0   -1.53   -1.54   33.11   26.66   137.5   0.466   1442.9
220.0   -1.49   -1.50   33.27   26.79   124.8   0.479   1443.5
230.0   -1.40   -1.41   33.49   26.96   108.8   0.491   1444.4
240.0   -1.21   -1.21   33.76   27.18    88.5   0.501   1445.8
250.0   -0.97   -0.98   34.04   27.40    68.1   0.509   1447.5
260.0   -0.83   -0.84   34.17   27.50    58.8   0.515   1448.5
270.0   -0.62   -0.63   34.32   27.61    48.5   0.521   1449.8
280.0   -0.48   -0.49   34.41   27.68    41.8   0.525   1450.8
290.0   -0.39   -0.40   34.48   27.73    37.0   0.529   1451.5
300.0   -0.25   -0.26   34.54   27.77    33.2   0.533   1452.4
310.0   -0.16   -0.17   34.59   27.80    30.3   0.536   1453.0
320.0   -0.06   -0.08   34.63   27.83    27.4   0.539   1453.7
330.0    0.01    0.00   34.67   27.86    25.2   0.542   1454.3
340.0    0.08    0.07   34.69   27.88    23.6   0.544   1454.8
350.0    0.14    0.12   34.72   27.89    22.1   0.547   1455.2
370.0    0.22    0.21   34.75   27.91    20.2   0.551   1456.0
390.0    0.29    0.28   34.78   27.93    18.7   0.555   1456.7
410.0    0.34    0.33   34.80   27.95    17.4   0.558   1457.3
430.0    0.39    0.37   34.82   27.96    16.4   0.562   1457.8
450.0    0.41    0.39   34.82   27.96    15.9   0.565   1458.3
470.0    0.44    0.42   34.83   27.97    15.3   0.568   1458.8
490.0    0.45    0.43   34.84   27.98    14.8   0.571   1459.2
510.0    0.47    0.45   34.85   27.98    14.2   0.574   1459.6
530.0    0.47    0.45   34.86   27.98    14.1   0.577   1459.9
550.0    0.47    0.44   34.86   27.99    13.7   0.580   1460.3
570.0    0.45    0.42   34.86   27.99    13.6   0.583   1460.5
590.0    0.42    0.39   34.86   27.99    13.1   0.585   1460.7
610.0    0.40    0.37   34.87   28.00    12.7   0.588   1460.9
630.0    0.37    0.34   34.87   28.00    12.4   0.590   1461.1
650.0    0.35    0.32   34.87   28.01    11.9   0.593   1461.4
670.0    0.31    0.28   34.87   28.01    11.7   0.595   1461.6
690.0    0.28    0.25   34.88   28.01    11.3   0.598   1461.8
710.0    0.26    0.22   34.88   28.01    11.1   0.600   1462.0
728.1    0.23    0.20   34.88   28.02    10.8   0.602   1462.2

                        DEPTH      TEMP.      SALIN

      BOT NUM = 1         4.4                 30.40
      BOT NUM = 2        45.2                 30.47
      BOT NUM = 3       250.3      -0.92      34.07
      BOT NUM = 4       498.3       0.48      34.85
      BOT NUM = 5       728.1       0.24      34.86
```

```
BIG BEAR STATION 203(1) STD  16/JUN/1975 1700 GMT  CODE = 2
LAT = 76.3456N LNG = 148.6143W LTER =      0, LGER =      0,
AIR TEMP =   -4.4 BAROM = 1023.6 WIND =  70.5 SPEED =  16.3

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

  0.0   -1.52   -1.52   30.42   24.49   345.6   0.000   1435.7
  5.0   -1.52   -1.52   30.42   24.49   345.5   0.017   1435.8
  7.5   -1.52   -1.52   30.42   24.49   345.5   0.026   1435.9
 10.0   -1.54   -1.54   30.43   24.50   344.5   0.035   1435.8
 15.0   -1.60   -1.60   30.46   24.52   342.5   0.052   1435.6
 20.0   -1.62   -1.62   30.46   24.52   342.1   0.069   1435.6
 25.0   -1.62   -1.62   30.47   24.52   341.7   0.087   1435.7
 30.0   -1.63   -1.63   30.47   24.53   341.3   0.104   1435.8
 35.0   -1.63   -1.64   30.47   24.53   341.1   0.121   1435.8
 40.0   -1.65   -1.65   30.47   24.53   340.9   0.138   1435.8
 45.0   -1.65   -1.65   30.47   24.53   340.8   0.155   1435.9
 50.0   -1.65   -1.65   30.48   24.54   340.3   0.172   1436.0
 55.0   -1.22   -1.22   31.31   25.20   277.1   0.188   1439.3
 60.0   -1.07   -1.07   31.67   25.48   250.4   0.201   1440.6
 65.0   -1.13   -1.13   31.90   25.67   232.6   0.213   1440.7
 70.0   -1.20   -1.20   32.05   25.79   220.6   0.225   1440.6
 80.0   -1.28   -1.28   32.29   25.99   201.5   0.246   1440.8
 90.0   -1.29   -1.29   32.38   26.06   195.1   0.266   1441.0
100.0   -1.25   -1.25   32.46   26.12   189.0   0.285   1441.5
110.0   -1.23   -1.23   32.52   26.17   184.4   0.304   1441.8
120.0   -1.20   -1.20   32.59   26.23   178.5   0.323   1442.3
130.0   -1.18   -1.18   32.66   26.28   173.7   0.340   1442.6
140.0   -1.22   -1.22   32.70   26.32   169.8   0.358   1442.7
150.0   -1.30   -1.30   32.77   26.38   164.6   0.375   1442.5
160.0   -1.36   -1.36   32.81   26.41   161.3   0.391   1442.5
170.0   -1.45   -1.45   32.87   26.46   156.5   0.407   1442.3
180.0   -1.50   -1.50   32.89   26.48   154.3   0.423   1442.3
190.0   -1.55   -1.56   32.93   26.52   151.1   0.438   1442.2
200.0   -1.58   -1.59   32.98   26.55   147.5   0.453   1442.3
210.0   -1.53   -1.53   33.14   26.69   134.8   0.467   1443.0
220.0   -1.47   -1.47   33.35   26.85   119.2   0.480   1443.7
230.0   -1.35   -1.35   33.57   27.03   102.5   0.491   1444.8
240.0   -1.19   -1.20   33.79   27.20    86.2   0.501   1446.0
250.0   -0.95   -0.95   34.04   27.39    68.4   0.509   1447.6
260.0   -0.79   -0.80   34.21   27.53    56.0   0.515   1448.7
270.0   -0.59   -0.59   34.34   27.62    46.9   0.520   1450.1
280.0   -0.45   -0.46   34.43   27.69    40.7   0.525   1451.0
290.0   -0.34   -0.35   34.50   27.74    36.2   0.529   1451.7
300.0   -0.24   -0.25   34.56   27.78    32.4   0.532   1452.5
310.0   -0.14   -0.16   34.60   27.81    29.6   0.535   1453.1
320.0   -0.05   -0.06   34.63   27.83    27.5   0.538   1453.7
330.0    0.02    0.01   34.66   27.85    25.6   0.541   1454.3
340.0    0.09    0.07   34.69   27.87    23.7   0.543   1454.8
350.0    0.15    0.13   34.72   27.89    22.0   0.546   1455.3
370.0    0.24    0.22   34.75   27.92    20.1   0.550   1456.1
390.0    0.30    0.28   34.78   27.93    18.6   0.554   1456.7
410.0    0.35    0.33   34.80   27.95    17.1   0.557   1457.3
430.0    0.41    0.39   34.82   27.96    16.4   0.561   1457.9
450.0    0.42    0.40   34.82   27.96    16.0   0.564   1458.3
470.0    0.44    0.42   34.84   27.97    15.3   0.567   1458.8
490.0    0.47    0.44   34.85   27.98    14.7   0.570   1459.2
510.0    0.47    0.44   34.85   27.98    14.5   0.573   1459.6
530.0    0.47    0.44   34.85   27.98    14.2   0.576   1459.9
550.0    0.46    0.44   34.86   27.99    13.9   0.579   1460.2
570.0    0.45    0.42   34.86   27.99    13.5   0.582   1460.5
590.0    0.43    0.40   34.86   27.99    13.1   0.584   1460.7
610.0    0.40    0.37   34.87   28.00    12.9   0.587   1460.9
630.0    0.37    0.34   34.87   28.00    12.5   0.590   1461.1
650.0    0.35    0.32   34.87   28.00    12.2   0.592   1461.4
670.0    0.31    0.28   34.87   28.01    11.8   0.594   1461.6
690.0    0.29    0.25   34.87   28.01    11.5   0.597   1461.8
710.0    0.25    0.22   34.88   28.01    11.1   0.599   1462.0
727.1    0.23    0.20   34.88   28.01    10.9   0.601   1462.1

                        DEPTH      TEMP.      SALIN

      BOT NUM = 1         4.4      -1.53      30.40
      BOT NUM = 2        40.0                 30.47
      BOT NUM = 3       250.1      -0.93      34.08
      BOT NUM = 4       495.0       0.48      34.85
      BOT NUM = 5       730.5       0.24      34.87
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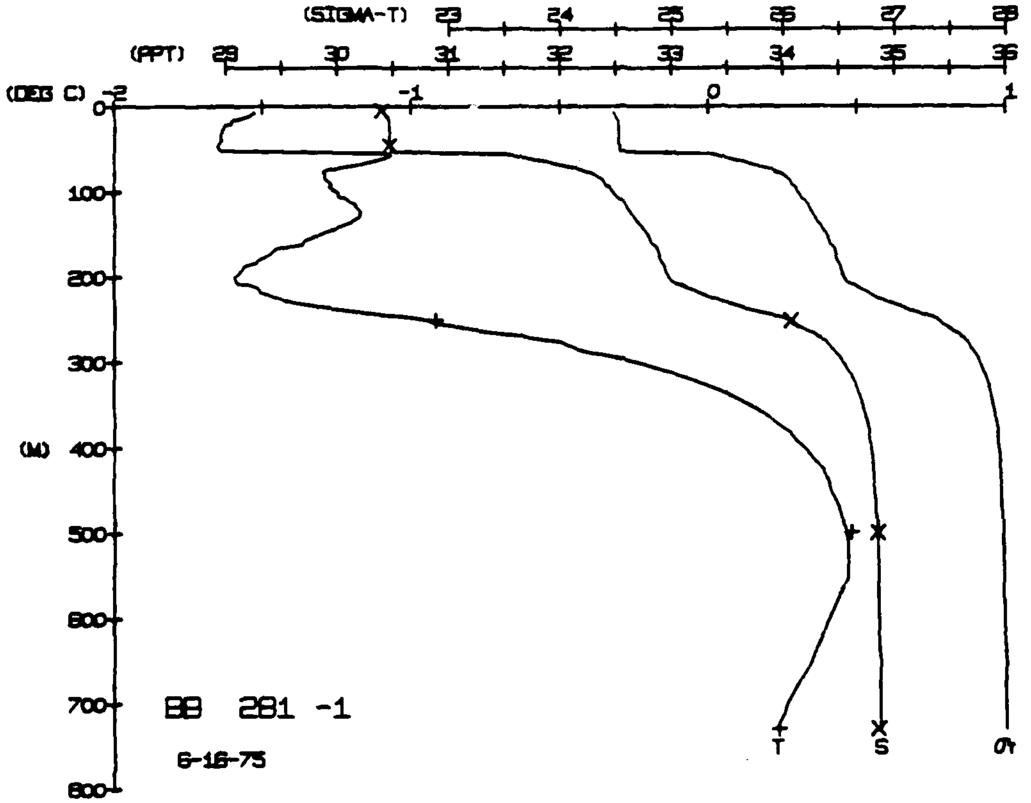
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(DEG C) -2 -1 0 1
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300
(M) 400
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800
BB 281 -1
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S
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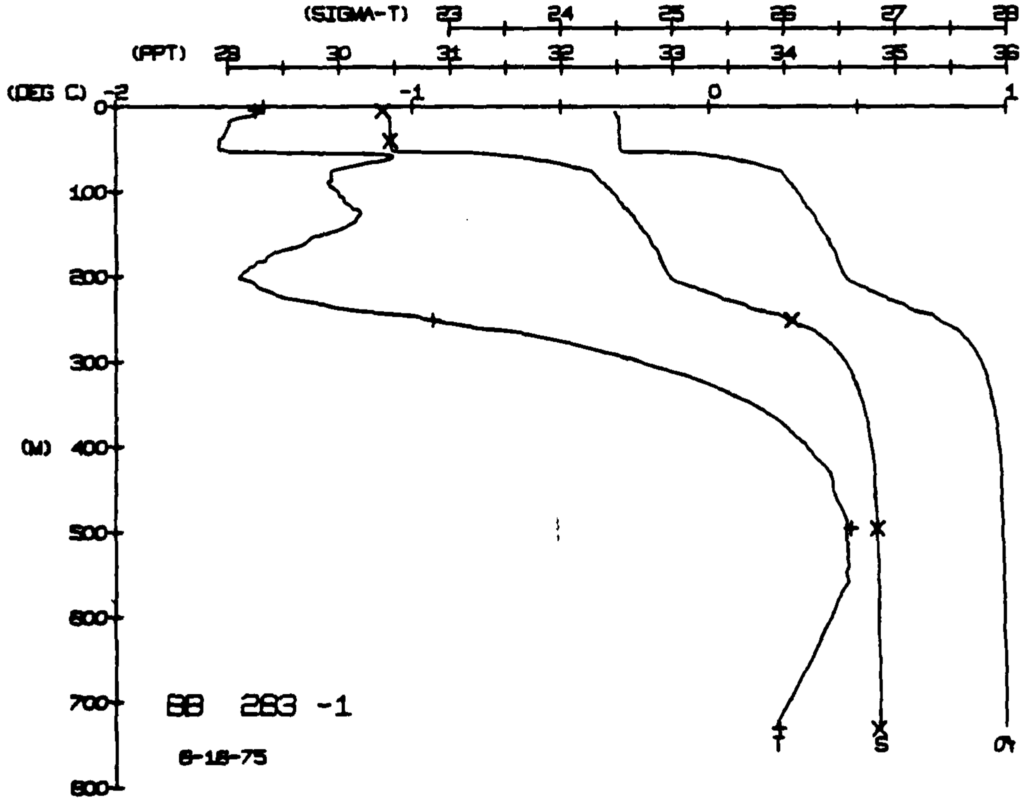
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 283 -1
6-18-75
T
S
σt

```
BIG BEAR STATION 285(1) STD  17/JUN/1975  500 GMT  CODE = 2
LAT = 76.3712N LNG = 148.7051W LTER =      0. LGER =      0.
AIR TEMP =  -4.4 BAROM = 1021.0 WIND =  70.5 SPEED =  16.3

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.61   -1.61   30.43   24.50   344.6   0.000   1435.3
   5.0   -1.61   -1.61   30.43   24.50   344.5   0.017   1435.4
   8.4   -1.61   -1.61   30.43   24.50   344.5   0.029   1435.5
  10.0   -1.61   -1.61   30.44   24.50   344.3   0.035   1435.5
  15.0   -1.62   -1.62   30.44   24.50   343.8   0.052   1435.5
  20.0   -1.62   -1.62   30.45   24.51   343.1   0.069   1435.6
  25.0   -1.63   -1.63   30.46   24.51   342.6   0.087   1435.7
  30.0   -1.63   -1.63   30.46   24.52   342.0   0.104   1435.7
  35.0   -1.64   -1.64   30.46   24.52   341.7   0.121   1435.8
  40.0   -1.63   -1.63   30.47   24.52   341.6   0.138   1435.9
  45.0   -1.64   -1.64   30.47   24.52   341.5   0.155   1436.0
  50.0   -1.64   -1.64   30.47   24.53   341.2   0.173   1436.1
  55.0   -1.13   -1.13   31.20   25.11   286.0   0.188   1439.5
  60.0   -1.05   -1.05   31.61   25.44   254.4   0.202   1440.6
  65.0   -1.13   -1.13   31.91   25.68   231.8   0.214   1440.7
  70.0   -1.20   -1.20   32.11   25.84   215.8   0.226   1440.7
  80.0   -1.25   -1.25   32.24   25.95   206.1   0.247   1440.9
  90.0   -1.26   -1.26   32.31   26.01   200.0   0.267   1441.1
 100.0   -1.26   -1.27   32.39   26.07   193.9   0.287   1441.3
 110.0   -1.24   -1.25   32.46   26.12   189.0   0.306   1441.7
 120.0   -1.21   -1.22   32.53   26.19   183.1   0.325   1442.1
 130.0   -1.18   -1.18   32.59   26.23   178.7   0.343   1442.5
 140.0   -1.18   -1.19   32.66   26.28   173.6   0.361   1442.7
 150.0   -1.23   -1.23   32.71   26.33   169.2   0.379   1442.8
 160.0   -1.32   -1.32   32.77   26.38   164.5   0.395   1442.6
 170.0   -1.38   -1.38   32.81   26.42   160.7   0.412   1442.5
 180.0   -1.46   -1.46   32.88   26.47   155.6   0.428   1442.4
 190.0   -1.50   -1.51   32.97   26.54   148.6   0.443   1442.5
 200.0   -1.52   -1.52   33.10   26.65   138.0   0.458   1442.8
 210.0   -1.49   -1.50   33.23   26.76   128.0   0.471   1443.3
 220.0   -1.44   -1.44   33.39   26.89   116.1   0.483   1443.9
 230.0   -1.31   -1.32   33.59   27.04   101.3   0.494   1444.9
 240.0   -1.12   -1.13   33.87   27.27    80.3   0.503   1446.4
 250.0   -0.92   -0.92   34.08   27.42    65.5   0.511   1447.8
 260.0   -0.75   -0.76   34.23   27.54    54.6   0.517   1449.0
 270.0   -0.56   -0.57   34.36   27.64    45.8   0.522   1450.2
 280.0   -0.42   -0.43   34.44   27.70    40.2   0.526   1451.1
 290.0   -0.29   -0.30   34.51   27.75    35.3   0.530   1452.0
 300.0   -0.19   -0.20   34.56   27.78    32.3   0.534   1452.7
 310.0   -0.10   -0.12   34.60   27.81    29.7   0.537   1453.3
 320.0   -0.03   -0.04   34.63   27.83    27.5   0.540   1453.9
 330.0    0.04    0.02   34.67   27.86    25.4   0.542   1454.4
 340.0    0.10    0.09   34.70   27.88    23.4   0.545   1454.9
 350.0    0.18    0.17   34.72   27.89    22.3   0.547   1455.4
 370.0    0.27    0.25   34.76   27.92    20.0   0.551   1456.2
 390.0    0.33    0.32   34.78   27.93    18.4   0.555   1456.9
 410.0    0.38    0.36   34.80   27.95    17.3   0.559   1457.4
 430.0    0.42    0.40   34.82   27.96    16.5   0.562   1458.0
 450.0    0.44    0.42   34.83   27.96    15.8   0.565   1458.4
 470.0    0.47    0.45   34.84   27.97    15.4   0.569   1458.9
 490.0    0.48    0.46   34.85   27.98    14.7   0.572   1459.3
 510.0    0.47    0.45   34.85   27.98    14.4   0.575   1459.6
 530.0    0.47    0.45   34.86   27.98    14.0   0.577   1459.9
 550.0    0.47    0.44   34.86   27.99    13.8   0.580   1460.2
 570.0    0.44    0.41   34.86   27.99    13.6   0.583   1460.4
 590.0    0.42    0.40   34.86   27.99    13.3   0.586   1460.7
 610.0    0.40    0.37   34.87   28.00    12.8   0.588   1461.0
 630.0    0.38    0.35   34.87   28.00    12.5   0.591   1461.[illegible]
 650.0    0.35    0.32   34.87   28.00    12.2   0.593   1461.4
 670.0    0.32    0.29   34.87   28.01    11.8   0.596   1461.6
 690.0    0.29    0.26   34.87   28.01    11.5   0.598   1461.8
 710.0    0.26    0.23   34.88   28.01    11.2   0.601   1462.0

                      DEPTH      TEMP.      SALIN

     BOT NUM = 1        4.6      -1.59      30.42
     BOT NUM = 2       40.5                 30.47
     BOT NUM = 3      248.4      -0.92      34.07
     BOT NUM = 4      495.4       0.48      34.85
     BOT NUM = 5      726.4       0.24      34.87
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BIG BEAR STATION 287(1) STD  17/JUN/1975 1700 GMT  CODE = 2
LAT = 76.4055N LNG = 148.8606W LTER =      0. LGER =      0.
AIR TEMP =  -0.9 BAROM = 1015.5 WIND =  81.6 SPEED =  64.3

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.62   -1.62   30.44   24.50   343.9   0.000   1435.3
  5.0   -1.62   -1.62   30.44   24.50   343.8   0.017   1435.4
 10.0   -1.62   -1.62   30.44   24.50   343.8   0.035   1435.4
 11.2   -1.62   -1.62   30.44   24.50   343.7   0.039   1435.5
 15.0   -1.63   -1.63   30.45   24.51   343.0   0.052   1435.5
 20.0   -1.63   -1.63   30.45   24.51   342.7   0.069   1435.6
 25.0   -1.64   -1.64   30.46   24.52   342.0   0.086   1435.6
 30.0   -1.64   -1.65   30.47   24.53   341.5   0.104   1435.7
 35.0   -1.65   -1.65   30.47   24.53   341.1   0.121   1435.8
 40.0   -1.66   -1.66   30.48   24.53   340.8   0.138   1435.8
 45.0   -1.66   -1.66   30.48   24.53   340.7   0.155   1435.9
 50.0   -1.65   -1.65   30.48   24.53   340.4   0.172   1436.0
 55.0   -1.20   -1.20   31.06   24.99   296.9   0.188   1439.0
 60.0   -1.06   -1.06   31.41   25.28   269.9   0.203   1440.2
 65.0   -1.07   -1.07   31.66   25.48   250.7   0.216   1440.7
 70.0   -1.10   -1.10   31.82   25.61   238.1   0.228   1440.8
 80.0   -1.21   -1.21   32.04   25.78   221.4   0.251   1440.8
 90.0   -1.30   -1.30   32.22   25.93   207.2   0.273   1440.8
100.0   -1.36   -1.37   32.35   26.04   196.9   0.293   1440.8
110.0   -1.41   -1.41   32.46   26.13   188.2   0.313   1440.9
120.0   -1.45   -1.45   32.57   26.22   179.6   0.331   1441.0
130.0   -1.47   -1.48   32.67   26.30   171.8   0.349   1441.2
140.0   -1.49   -1.49   32.76   26.38   164.5   0.366   1441.4
150.0   -1.51   -1.51   32.86   26.45   157.3   0.382   1441.7
160.0   -1.51   -1.52   32.94   26.52   150.6   0.398   1441.9
170.0   -1.53   -1.53   33.02   26.59   144.4   0.413   1442.1
180.0   -1.53   -1.53   33.11   26.66   137.4   0.427   1442.4
190.0   -1.51   -1.51   33.22   26.75   128.8   0.440   1442.8
200.0   -1.47   -1.47   33.35   26.86   119.0   0.453   1443.4
210.0   -1.40   -1.40   33.50   26.97   107.8   0.464   1444.1
220.0   -1.27   -1.28   33.68   27.12    94.2   0.474   1445.1
230.0   -1.10   -1.11   33.89   27.28    79.2   0.483   1446.4
240.0   -0.92   -0.92   34.09   27.44    64.5   0.490   1447.7
250.0   -0.73   -0.74   34.25   27.55    53.4   0.496   1448.9
260.0   -0.57   -0.57   34.35   27.63    46.5   0.501   1450.0
270.0   -0.44   -0.44   34.43   27.69    40.5   0.506   1450.9
280.0   -0.28   -0.29   34.51   27.75    35.4   0.510   1451.9
290.0   -0.20   -0.21   34.56   27.78    32.4   0.513   1452.4
300.0   -0.10   -0.12   34.60   27.81    29.4   0.516   1453.1
310.0   -0.02   -0.03   34.64   27.84    27.1   0.519   1453.7
320.0    0.05    0.03   34.67   27.86    25.3   0.522   1454.2
330.0    0.11    0.09   34.70   27.88    23.5   0.524   1454.7
340.0    0.17    0.16   34.73   27.90    21.8   0.526   1455.2
350.0    0.22    0.20   34.74   27.91    20.9   0.529   1455.6
370.0    0.28    0.27   34.77   27.93    18.9   0.533   1456.3
390.0    0.34    0.32   34.80   27.94    17.6   0.536   1456.9
410.0    0.37    0.36   34.81   27.95    16.7   0.540   1457.4
430.0    0.40    0.38   34.82   27.96    16.2   0.543   1457.9
450.0    0.43    0.41   34.83   27.96    15.7   0.546   1458.3
470.0    0.45    0.43   34.84   27.97    15.0   0.549   1458.8
490.0    0.47    0.45   34.85   27.98    14.8   0.552   1459.2
510.0    0.46    0.44   34.85   27.98    14.5   0.555   1459.5
530.0    0.46    0.44   34.85   27.98    14.1   0.558   1459.9
550.0    0.44    0.42   34.86   27.99    13.9   0.561   1460.1
570.0    0.42    0.40   34.86   27.99    13.6   0.564   1460.4
590.0    0.40    0.37   34.86   27.99    13.1   0.567   1460.[illegible]
610.0    0.37    0.34   34.86   28.00    12.7   0.569   1460.8
630.0    0.35    0.33   34.86   28.00    12.6   0.572   1461.1
650.0    0.32    0.29   34.87   28.00    12.3   0.574   1461.3
670.0    0.29    0.26   34.87   28.00    12.1   0.577   1461.5
690.0    0.28    0.25   34.87   28.01    11.8   0.579   1461.7
710.0    0.26    0.23   34.87   28.01    11.5   0.581   1462.0
729.4    0.23    0.20   34.88   28.01    11.0   0.584   1462.7

                      DEPTH      TEMP.      SALIN

     BOT NUM = 1        5.1      -1.60      30.44
     BOT NUM = 2       40.7                 30.48
     BOT NUM = 3      250.1      -0.82
     BOT NUM = 4      499.7       0.48      34.85
     BOT NUM = 5      730.9       0.24      34.87
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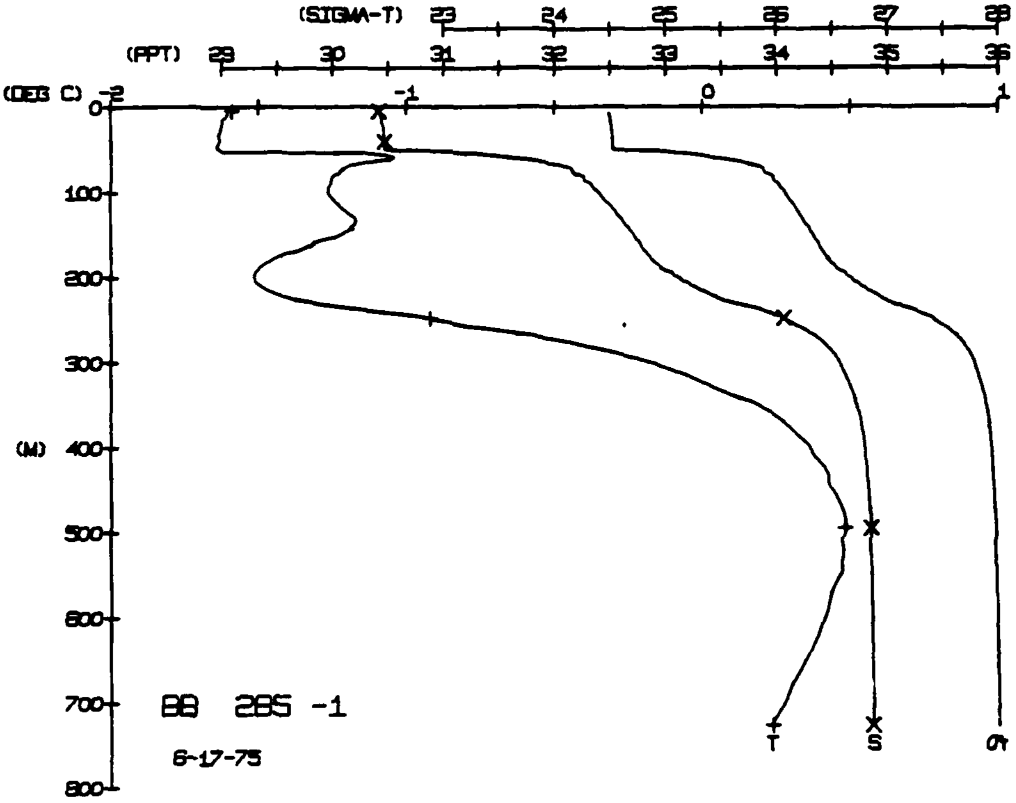
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
BB 285 -1
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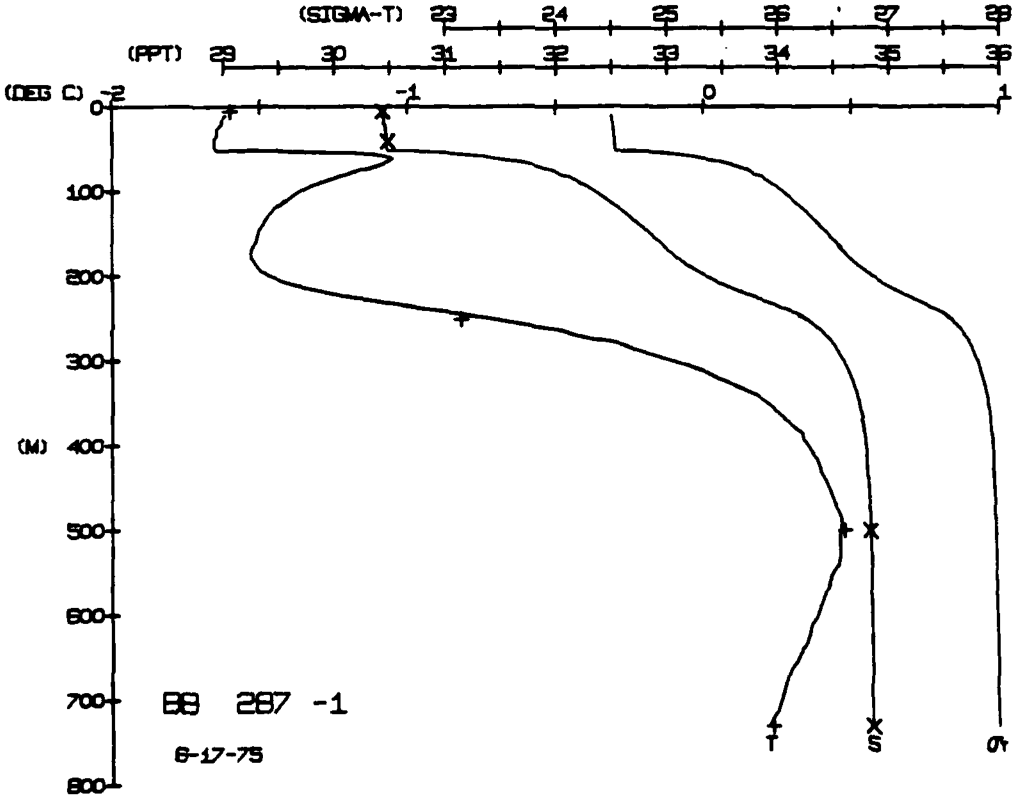
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
BB 287 -1
6-17-75
T
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σt

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BIG BEAR STATION 289(1) STD  18/JUN/1975  500 GMT  CODE = 2
LAT = 76.4124N LNG = 149.0262W LTER =        1, LGER =       1,
AIR TEMP =   -0.9 BAROM = 1013.6 WIND =  81.6 SPEED =  64.3

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.58   -1.58   30.44   24.51   343.8   0.000  1435.5
   5.0   -1.58   -1.58   30.44   24.51   343.7   0.017  1435.5
   5.5   -1.58   -1.58   30.44   24.51   343.7   0.019  1435.5
  10.0   -1.58   -1.58   30.44   24.51   343.7   0.035  1435.6
  15.0   -1.59   -1.59   30.44   24.51   343.6   0.052  1435.7
  20.0   -1.59   -1.59   30.45   24.51   343.3   0.069  1435.7
  25.0   -1.61   -1.61   30.46   24.52   342.1   0.086  1435.8
  30.0   -1.62   -1.62   30.47   24.53   341.1   0.104  1435.8
  35.0   -1.62   -1.62   30.48   24.53   340.8   0.121  1435.9
  40.0   -1.63   -1.63   30.48   24.53   340.6   0.138  1436.0
  45.0   -1.63   -1.63   30.48   24.53   340.5   0.155  1436.0
  50.0   -1.63   -1.63   30.48   24.54   340.2   0.172  1436.1
  55.0   -1.63   -1.63   30.49   24.54   339.8   0.189  1436.2
  60.0   -1.60   -1.60   30.70   24.71   323.2   0.206  1436.7
  65.0   -1.20   -1.20   31.03   24.97   299.0   0.222  1439.1
  70.0   -1.07   -1.07   31.46   25.31   266.4   0.236  1440.4
  80.0   -1.07   -1.07   31.85   25.63   236.3   0.261  1441.1
  90.0   -1.20   -1.20   32.10   25.84   216.4   0.284  1441.1
 100.0   -1.28   -1.28   32.25   25.96   204.8   0.305  1441.1
 110.0   -1.35   -1.36   32.38   26.07   194.4   0.326  1441.1
 120.0   -1.40   -1.41   32.52   26.18   183.8   0.345  1441.2
 130.0   -1.44   -1.45   32.64   26.28   174.3   0.363  1441.3
 140.0   -1.47   -1.47   32.73   26.35   167.4   0.380  1441.5
 150.0   -1.48   -1.48   32.82   26.42   160.5   0.396  1441.7
 160.0   -1.49   -1.49   32.91   26.50   153.1   0.412  1442.0
 170.0   -1.51   -1.52   33.00   26.57   146.1   0.427  1442.2
 180.0   -1.51   -1.52   33.08   26.64   140.0   0.442  1442.4
 190.0   -1.50   -1.51   33.19   26.72   131.8   0.456  1442.8
 200.0   -1.48   -1.48   33.31   26.82   122.3   0.468  1443.3
 210.0   -1.44   -1.44   33.44   26.93   112.2   0.480  1443.8
 220.0   -1.32   -1.32   33.62   27.07    98.6   0.491  1444.8
 230.0   -1.17   -1.18   33.80   27.21    85.6   0.500  1445.9
 240.0   -1.01   -1.01   33.99   27.36    71.6   0.508  1447.1
 250.0   -0.83   -0.84   34.15   27.48    60.2   0.515  1448.3
 260.0   -0.71   -0.72   34.25   27.55    53.7   0.521  1449.2
 270.0   -0.56   -0.57   34.36   27.64    45.7   0.526  1450.2
 280.0   -0.43   -0.44   34.44   27.70    39.8   0.530  1451.1
 290.0   -0.29   -0.30   34.52   27.75    35.0   0.534  1452.0
 300.0   -0.19   -0.20   34.57   27.79    31.7   0.537  1452.7
 310.0   -0.10   -0.12   34.61   27.82    29.1   0.540  1453.3
 320.0   -0.03   -0.04   34.64   27.84    27.2   0.543  1453.8
 330.0    0.03    0.02   34.67   27.86    25.1   0.546  1454.3
 340.0    0.09    0.08   34.70   27.88    23.2   0.548  1454.8
 350.0    0.13    0.12   34.72   27.90    21.9   0.550  1455.2
 370.0    0.21    0.20   34.75   27.92    19.9   0.554  1456.0
 390.0    0.28    0.27   34.78   27.93    18.4   0.558  1456.6
 410.0    0.32    0.31   34.80   27.95    17.2   0.562  1457.2
 430.0    0.36    0.34   34.81   27.96    16.3   0.565  1457.7
 450.0    0.39    0.37   34.82   27.96    15.9   0.569  1458.2
 470.0    0.41    0.39   34.83   27.97    15.5   0.572  1458.6
 490.0    0.43    0.41   34.84   27.97    14.9   0.575  1459.0
 510.0    0.44    0.42   34.85   27.98    14.5   0.578  1459.4
 530.0    0.44    0.41   34.85   27.98    14.0   0.581  1459.8
 550.0    0.43    0.40   34.86   27.99    13.7   0.583  1460.0
 570.0    0.41    0.38   34.86   27.99    13.4   0.586  1460.3
 590.0    0.39    0.36   34.86   27.99    13.0   0.589  1460.6
 610.0    0.37    0.34   34.87   28.00    12.7   0.591  1460.8
 630.0    0.35    0.32   34.87   28.00    12.3   0.594  1461.0
 650.0    0.32    0.29   34.87   28.00    12.1   0.596  1461.2
 670.0    0.30    0.27   34.87   28.01    11.8   0.599  1461.5
 690.0    0.27    0.24   34.87   28.01    11.4   0.601  1461.7
 710.0    0.24    0.21   34.87   28.01    11.1   0.604  1461.9

                       DEPTH     TEMP.     SALIN

     BOT NUM = 1         4.8     -1.59     30.42
     BOT NUM = 2        40.9               30.47
     BOT NUM = 3       250.4     -0.78     34.19
     BOT NUM = 4       497.6      0.44     34.84
     BOT NUM = 5       730.6      0.23     34.87
```

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BIG BEAR STATION 291(1) STD  18/JUN/1975 1700 GMT  CODE = 2
LAT = 76.3788N LNG = 149.1696W LTER =        1, LGER =       1,
AIR TEMP =   -2.4 BAROM = 1019.2 WIND = 344.2 SPEED =  62.8

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.61   -1.61   30.46   24.52   342.6   0.000  1435.4
   5.0   -1.61   -1.61   30.46   24.52   342.6   0.017  1435.4
  10.0   -1.61   -1.61   30.46   24.52   342.5   0.034  1435.5
  10.9   -1.61   -1.61   30.46   24.52   342.5   0.038  1435.5
  15.0   -1.61   -1.61   30.46   24.52   342.4   0.052  1435.6
  20.0   -1.61   -1.61   30.46   24.52   342.4   0.069  1435.7
  25.0   -1.61   -1.61   30.47   24.53   341.5   0.086  1435.8
  30.0   -1.63   -1.63   30.48   24.53   340.6   0.103  1435.8
  35.0   -1.64   -1.64   30.48   24.54   340.3   0.121  1435.8
  40.0   -1.64   -1.64   30.49   24.54   340.1   0.138  1435.9
  45.0   -1.65   -1.65   30.49   24.54   339.9   0.155  1435.9
  50.0   -1.65   -1.65   30.49   24.54   339.7   0.172  1436.0
  55.0   -1.65   -1.65   30.49   24.54   339.4   0.189  1436.1
  60.0   -1.30   -1.30   30.91   24.88   307.7   0.205  1438.4
  65.0   -1.12   -1.13   31.30   25.19   278.5   0.220  1439.9
  70.0   -1.05   -1.06   31.62   25.44   253.8   0.233  1440.7
  80.0   -1.13   -1.13   31.94   25.71   228.9   0.258  1441.0
  90.0   -1.24   -1.24   32.16   25.89   211.7   0.280  1441.0
 100.0   -1.32   -1.33   32.31   26.01   200.3   0.301  1440.9
 110.0   -1.38   -1.38   32.44   26.12   189.7   0.320  1441.0
 120.0   -1.42   -1.43   32.55   26.21   181.0   0.339  1441.1
 130.0   -1.45   -1.46   32.67   26.30   172.2   0.357  1441.3
 140.0   -1.47   -1.48   32.75   26.37   165.5   0.374  1441.5
 150.0   -1.49   -1.49   32.83   26.43   159.2   0.390  1441.7
 160.0   -1.50   -1.51   32.93   26.51   151.8   0.406  1442.0
 170.0   -1.52   -1.52   33.02   26.58   144.8   0.421  1442.2
 180.0   -1.52   -1.52   33.10   26.65   138.1   0.435  1442.4
 190.0   -1.51   -1.51   33.21   26.74   129.9   0.449  1442.8
 200.0   -1.49   -1.49   33.32   26.83   121.8   0.462  1443.2
 210.0   -1.43   -1.43   33.44   26.93   112.3   0.473  1443.9
 220.0   -1.32   -1.32   33.65   27.09    97.1   0.484  1444.8
 230.0   -1.16   -1.17   33.82   27.22    84.3   0.493  1446.0
 240.0   -1.00   -1.00   34.01   27.37    70.7   0.501  1447.2
 250.0   -0.84   -0.85   34.15   27.48    60.2   0.508  1448.3
 260.0   -0.68   -0.69   34.27   27.57    51.5   0.513  1449.3
 270.0   -0.53   -0.54   34.38   27.65    44.6   0.518  1450.4
 280.0   -0.38   -0.39   34.45   27.71    39.3   0.522  1451.3
 290.0   -0.27   -0.28   34.52   27.75    34.9   0.526  1452.1
 300.0   -0.17   -0.18   34.57   27.79    31.7   0.529  1452.8
 310.0   -0.08   -0.09   34.61   27.82    28.8   0.532  1453.4
 320.0   -0.02   -0.03   34.65   27.84    26.5   0.535  1453.9
 330.0    0.05    0.04   34.68   27.86    24.8   0.538  1454.4
 340.0    0.10    0.09   34.70   27.88    23.3   0.540  1454.9
 350.0    0.15    0.13   34.72   27.90    21.8   0.543  1455.3
 370.0    0.22    0.21   34.76   27.92    19.7   0.547  1456.0
 390.0    0.29    0.27   34.78   27.93    18.4   0.551  1456.7
 410.0    0.33    0.31   34.80   27.95    17.4   0.554  1457.2
 430.0    0.36    0.34   34.81   27.95    16.7   0.558  1457.7
 450.0    0.39    0.37   34.82   27.96    16.0   0.561  1458.2
 470.0    0.41    0.39   34.83   27.97    15.5   0.564  1458.6
 490.0    0.43    0.41   34.84   27.97    15.0   0.567  1459.0
 510.0    0.44    0.42   34.85   27.98    14.5   0.570  1459.4
 530.0    0.43    0.41   34.85   27.98    14.1   0.573  1459.7
 550.0    0.43    0.40   34.85   27.99    13.9   0.576  1460.1
 570.0    0.41    0.39   34.86   27.99    13.5   0.579  1460.3
 590.0    0.39    0.36   34.86   27.99    13.1   0.581  1460.6
 610.0    0.37    0.35   34.87   28.00    12.7   0.584  1460.8
 630.0    0.36    0.33   34.87   28.00    12.5   0.586  1461.1
 650.0    0.33    0.30   34.87   28.00    12.1   0.589  1461.3
 670.0    0.30    0.27   34.87   28.01    11.7   0.591  1461.5
 690.0    0.27    0.24   34.87   28.01    11.3   0.594  1461.7
 710.0    0.25    0.21   34.88   28.01    11.0   0.596  1461.9
 727.3    0.23    0.19   34.88   28.02    10.7   0.598  1462.1

                       DEPTH     TEMP.     SALIN

     BOT NUM = 1         4.1     -1.60
     BOT NUM = 2        40.5               30.48
     BOT NUM = 3       249.5     -0.83     34.15
     BOT NUM = 4       498.5      0.44     34.84
     BOT NUM = 5       727.8      0.24     34.87
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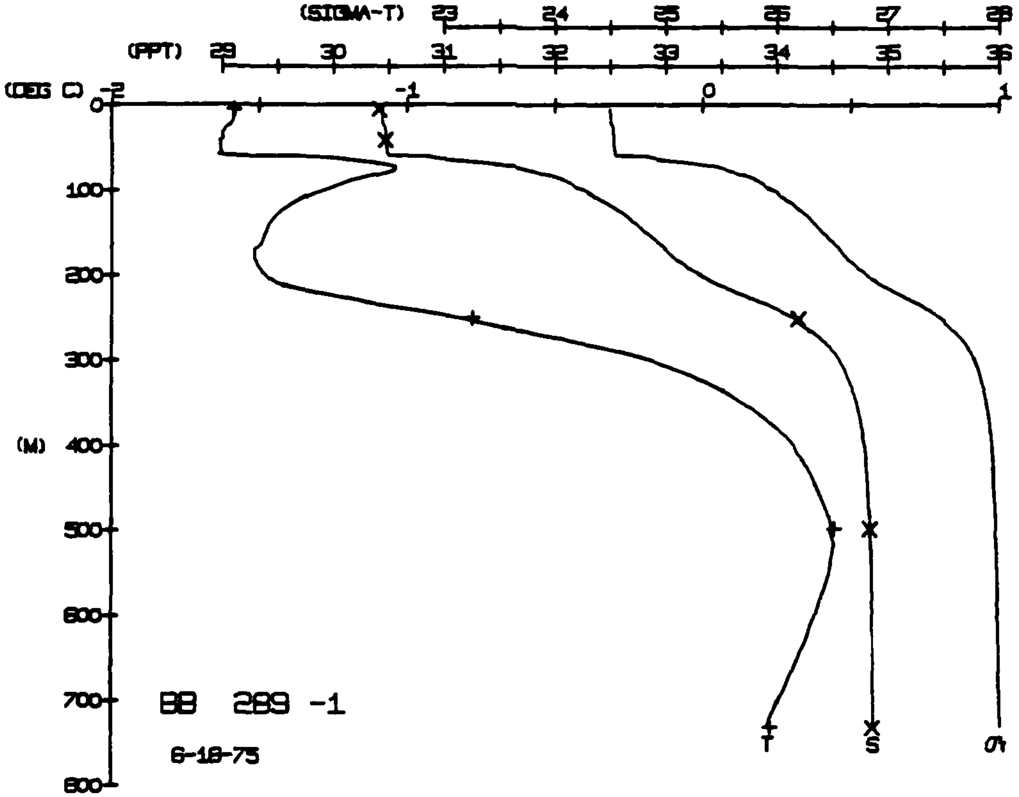
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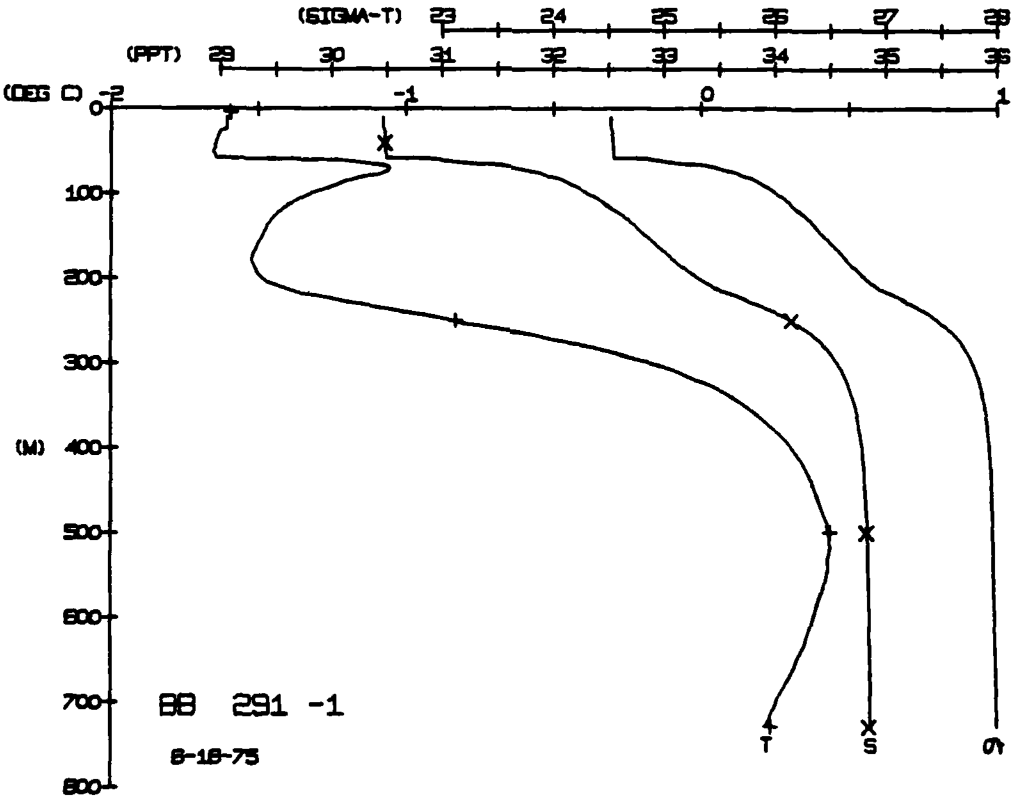
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200
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700
800
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BIG BEAR STATION 293(1) STD  19/JUN/1975  500 GMT  CODE = 2
LAT = 76.3380N LNG = 149.2272W LTER =     1. LGER =     1.
AIR TEMP =  -2.4 BAROM = 1023.0 WIND = 344.2 SPEED =  62.8

 DEPTH   TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0  -1.61  -1.61   30.45   24.51   343.3   0.000  1435.3
   5.0  -1.61  -1.61   30.45   24.51   343.2   0.017  1435.4
   5.0  -1.61  -1.61   30.45   24.51   343.2   0.017  1435.4
  10.0  -1.61  -1.61   30.45   24.51   343.0   0.035  1435.5
  15.0  -1.61  -1.61   30.46   24.51   342.8   0.052  1435.6
  20.0  -1.61  -1.61   30.46   24.52   342.5   0.069  1435.7
  25.0  -1.62  -1.62   30.48   24.53   341.0   0.086  1435.7
  30.0  -1.63  -1.63   30.49   24.54   340.2   0.103  1435.8
  35.0  -1.64  -1.64   30.49   24.54   340.0   0.121  1435.8
  40.0  -1.64  -1.64   30.49   24.54   339.8   0.138  1435.9
  45.0  -1.64  -1.64   30.49   24.54   339.7   0.155  1436.0
  50.0  -1.65  -1.65   30.49   24.54   339.5   0.172  1436.0
  55.0  -1.65  -1.65   30.49   24.55   339.2   0.189  1436.1
  60.0  -1.41  -1.41   30.92   24.88   307.1   0.205  1437.9
  65.0  -1.07  -1.07   31.25   25.14   282.3   0.220  1440.1
  70.0  -1.03  -1.03   31.50   25.34   263.4   0.234  1440.7
  80.0  -1.12  -1.12   31.87   25.65   234.1   0.259  1441.0
  90.0  -1.22  -1.22   32.12   25.85   214.7   0.282  1441.0
 100.0  -1.31  -1.31   32.29   25.99   201.7   0.303  1441.0
 110.0  -1.38  -1.38   32.43   26.10   190.9   0.322  1441.0
 120.0  -1.42  -1.42   32.56   26.21   180.6   0.341  1441.2
 130.0  -1.45  -1.45   32.66   26.29   172.7   0.359  1441.3
 140.0  -1.47  -1.47   32.76   26.37   164.9   0.376  1441.6
 150.0  -1.48  -1.48   32.84   26.44   158.3   0.392  1441.8
 160.0  -1.50  -1.50   32.94   26.52   150.9   0.408  1442.0
 170.0  -1.52  -1.52   33.01   26.58   145.0   0.423  1442.2
 180.0  -1.52  -1.52   33.11   26.66   137.6   0.437  1442.5
 190.0  -1.50  -1.50   33.21   26.74   129.6   0.451  1442.9
 200.0  -1.48  -1.48   33.32   26.83   121.9   0.463  1443.3
 210.0  -1.42  -1.43   33.47   26.95   110.5   0.475  1443.9
 220.0  -1.31  -1.32   33.64   27.08    97.5   0.485  1444.9
 230.0  -1.15  -1.16   33.84   27.24    82.7   0.495  1446.1
 240.0  -0.97  -0.98   34.04   27.40    68.2   0.502  1447.3
 250.0  -0.79  -0.80   34.21   27.52    56.1   0.508  1448.6
 260.0  -0.64  -0.65   34.31   27.60    49.4   0.514  1449.6
 270.0  -0.49  -0.50   34.40   27.66    43.2   0.518  1450.6
 280.0  -0.38  -0.39   34.47   27.72    38.3   0.523  1451.3
 290.0  -0.27  -0.28   34.53   27.76    34.2   0.526  1452.1
 300.0  -0.16  -0.17   34.59   27.80    30.3   0.529  1452.9
 310.0  -0.07  -0.08   34.63   27.83    27.8   0.532  1453.5
 320.0   0.00  -0.01   34.66   27.85    26.0   0.535  1454.0
 330.0   0.06   0.04   34.68   27.87    24.2   0.538  1454.5
 340.0   0.12   0.10   34.71   27.89    22.7   0.540  1454.9
 350.0   0.16   0.15   34.73   27.90    21.3   0.542  1455.3
 370.0   0.23   0.22   34.76   27.92    19.4   0.546  1456.1
 390.0   0.29   0.27   34.78   27.94    18.1   0.550  1456.7
 410.0   0.33   0.32   34.80   27.95    17.1   0.554  1457.2
 430.0   0.37   0.35   34.81   27.96    16.3   0.557  1457.7
 450.0   0.40   0.38   34.83   27.96    15.8   0.560  1458.2
 470.0   0.42   0.40   34.84   27.97    15.2   0.563  1458.7
 490.0   0.43   0.41   34.84   27.97    14.8   0.566  1459.1

                        DEPTH      TEMP.      SALIN

      BUT NUM = 1         4.4      -1.61      30.44
      BUT NUM = 2        40.0                 30.49
      BUT NUM = 3       250.1      -0.76      34.21
      BUT NUM = 4       499.9       0.44      34.84
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BIG BEAR STATION 295(2) STD  19/JUN/1975 1700 GMT  CODE = 2
LAT = 76.3311N LNG = 149.2817W LTER =     1. LGER =     1.
AIR TEMP =  -1.2 BAROM = 1023.3 WIND =  74.8 SPEED =  48.2

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0  -1.60  -1.60   30.45   24.51   343.1   0.000  1435.4
   4.4  -1.60  -1.60   30.45   24.51   343.1   0.015  1435.4
   5.0  -1.60  -1.60   30.45   24.51   343.1   0.017  1435.5
  10.0  -1.60  -1.60   30.45   24.51   343.0   0.035  1435.5
  15.0  -1.60  -1.60   30.45   24.51   342.9   0.052  1435.6
  20.0  -1.61  -1.61   30.45   24.51   342.9   0.069  1435.7
  25.0  -1.61  -1.61   30.45   24.51   342.7   0.086  1435.8
  30.0  -1.62  -1.62   30.47   24.53   341.2   0.104  1435.8
  35.0  -1.64  -1.64   30.48   24.53   340.6   0.121  1435.8
  40.0  -1.65  -1.65   30.49   24.54   339.8   0.138  1435.8
  45.0  -1.66  -1.66   30.49   24.55   339.4   0.155  1435.9
  50.0  -1.66  -1.66   30.50   24.55   339.1   0.172  1436.0
  55.0  -1.65  -1.66   30.50   24.55   338.9   0.189  1436.1
  60.0  -1.34  -1.34   30.51   24.56   338.1   0.206  1437.7
  65.0  -1.17  -1.17   31.11   25.04   292.4   0.222  1439.4
  70.0  -1.03  -1.03   31.54   25.38   260.3   0.236  1440.7
  80.0  -1.13  -1.13   31.90   25.68   231.8   0.261  1441.0
  90.0  -1.24  -1.25   32.13   25.86   214.0   0.283  1440.9
 100.0  -1.31  -1.31   32.27   25.97   203.4   0.304  1440.9
 110.0  -1.37  -1.38   32.41   26.09   192.3   0.324  1441.0
 120.0  -1.42  -1.43   32.53   26.19   183.1   0.343  1441.1
 130.0  -1.45  -1.46   32.64   26.28   174.3   0.361  1441.3
 140.0  -1.48  -1.48   32.76   26.38   164.8   0.378  1441.5
 150.0  -1.49  -1.50   32.84   26.44   158.5   0.395  1441.7
 160.0  -1.51  -1.52   32.93   26.51   151.6   0.410  1441.9
 170.0  -1.53  -1.53   33.02   26.59   144.6   0.425  1442.1
 180.0  -1.52  -1.52   33.10   26.66   138.0   0.440  1442.5
 190.0  -1.51  -1.51   33.21   26.74   130.0   0.453  1442.8
 200.0  -1.47  -1.48   33.34   26.84   120.2   0.466  1443.3
 210.0  -1.41  -1.41   33.46   26.94   110.7   0.477  1444.0
 220.0  -1.27  -1.28   33.65   27.09    96.8   0.488  1445.0
 230.0  -1.11  -1.11   33.87   27.26    80.9   0.497  1446.3
 240.0  -0.95  -0.96   34.04   27.39    68.7   0.504  1447.4
 250.0  -0.80  -0.81   34.18   27.50    58.1   0.511  1448.5
 260.0  -0.64  -0.65   34.29   27.58    50.6   0.516  1449.6
 270.0  -0.47  -0.48   34.40   27.67    43.0   0.521  1450.7
 280.0  -0.33  -0.34   34.47   27.71    38.5   0.525  1451.6
 290.0  -0.21  -0.23   34.54   27.76    34.0   0.529  1452.4
 300.0  -0.13  -0.14   34.58   27.80    30.8   0.532  1453.0
 310.0  -0.04  -0.05   34.62   27.83    28.3   0.535  1453.6
 320.0   0.01   0.00   34.66   27.85    26.2   0.538  1454.1
 330.0   0.07   0.06   34.68   27.87    24.5   0.540  1454.5
 340.0   0.13   0.11   34.70   27.88    23.2   0.543  1455.0
 350.0   0.17   0.15   34.73   27.90    21.8   0.545  1455.4
 370.0   0.24   0.23   34.76   27.92    19.8   0.549  1456.1
 390.0   0.29   0.28   34.78   27.93    18.4   0.553  1456.7
 410.0   0.34   0.33   34.80   27.94    17.5   0.557  1457.3
 430.0   0.37   0.35   34.81   27.95    16.8   0.560  1457.7
 450.0   0.39   0.37   34.82   27.96    16.1   0.563  1458.2
 470.0   0.42   0.39   34.83   27.97    15.4   0.567  1458.6
 490.0   0.43   0.41   34.84   27.97    15.0   0.570  1459.0
 510.0   0.44   0.42   34.85   27.98    14.6   0.573  1459.4
 530.0   0.45   0.42   34.85   27.98    14.4   0.576  1459.8
 550.0   0.44   0.41   34.85   27.98    14.0   0.579  1460.1
 570.0   0.41   0.39   34.86   27.99    13.6   0.581  1460.3
 590.0   0.40   0.37   34.86   27.99    13.2   0.584  1460.6
 610.0   0.38   0.35   34.86   28.00    12.8   0.587  1460.8
 630.0   0.35   0.32   34.87   28.00    12.5   0.589  1461.1
 650.0   0.32   0.29   34.87   28.00    12.2   0.592  1461.3
 670.0   0.30   0.27   34.87   28.01    11.9   0.594  1461.5
 690.0   0.27   0.24   34.87   28.01    11.5   0.596  1461.7
 710.0   0.24   0.21   34.87   28.01    11.2   0.599  1461.9
 728.3   0.22   0.18   34.88   28.02    10.7   0.601  1462.1

                        DEPTH      TEMP.      SALIN

      BUT NUM = 1         4.4                 30.44
      BUT NUM = 2        40.2                 30.48
      BUT NUM = 3       499.7                 34.84
      BUT NUM = 4       728.6       0.23
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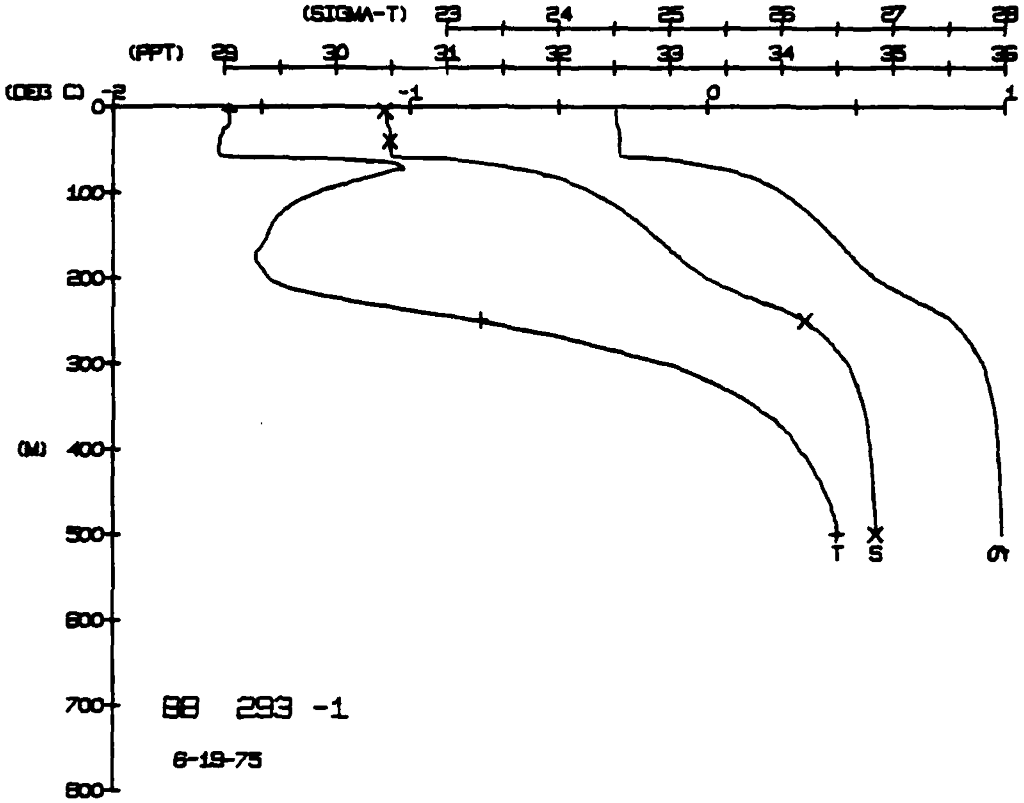
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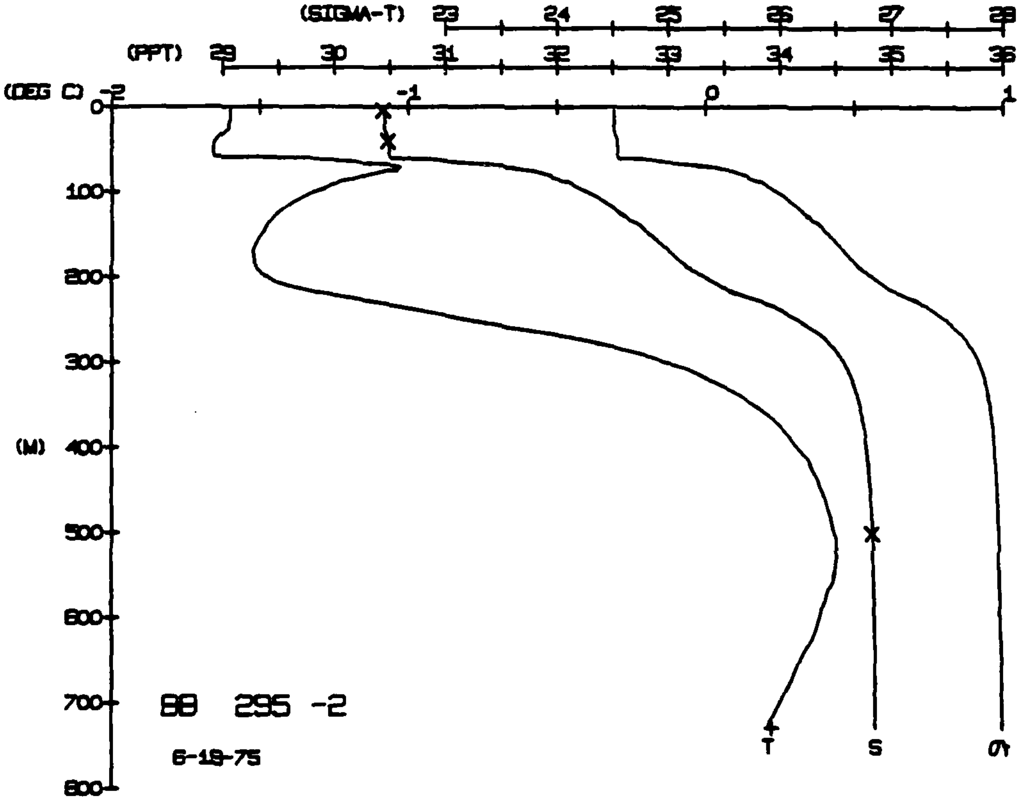
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
T
S
σt
BB 293 -1
6-19-75


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
T
S
σt
BB 295 -2
6-19-75

```
BIG BEAR STATION 297(1) STD  20/JUN/1975  500 GMT  CODE = 2
LAT = 76.3356N LNG = 149.3648W LTER =      0. LGER =      0.
AIR TEMP =   -1.2 BARUM = 1022.7 WIND =  74.8 SPEED =  48.2

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.61   -1.61   30.45   24.51   343.1   0.000   1435.3
  5.0   -1.61   -1.61   30.45   24.51   343.1   0.017   1435.4
  9.6   -1.61   -1.61   30.45   24.51   343.0   0.033   1435.5
 10.0   -1.62   -1.62   30.45   24.51   343.0   0.035   1435.5
 15.0   -1.62   -1.62   30.46   24.52   342.6   0.052   1435.5
 20.0   -1.62   -1.62   30.46   24.52   342.4   0.069   1435.6
 25.0   -1.64   -1.64   30.48   24.54   340.5   0.086   1435.6
 30.0   -1.65   -1.65   30.49   24.54   340.1   0.103   1435.7
 35.0   -1.65   -1.65   30.49   24.54   339.9   0.120   1435.7
 40.0   -1.66   -1.66   30.49   24.54   339.6   0.138   1435.8
 45.0   -1.66   -1.66   30.49   24.54   339.7   0.155   1435.9
 50.0   -1.66   -1.66   30.49   24.54   339.7   0.172   1436.0
 55.0   -1.66   -1.66   30.49   24.54   339.6   0.189   1436.1
 60.0   -1.65   -1.65   30.49   24.54   339.5   0.206   1436.2
 65.0   -1.25   -1.25   30.91   24.88   307.9   0.222   1438.8
 70.0   -1.10   -1.11   31.38   25.25   271.9   0.237   1440.2
 80.0   -1.13   -1.13   31.88   25.65   234.0   0.262   1440.9
 90.0   -1.22   -1.22   32.09   25.82   218.0   0.285   1440.9
100.0   -1.31   -1.31   32.24   25.95   205.1   0.307   1440.9
110.0   -1.37   -1.38   32.39   26.08   193.4   0.327   1441.0
120.0   -1.42   -1.42   32.52   26.18   183.4   0.346   1441.1
130.0   -1.45   -1.46   32.62   26.27   175.3   0.364   1441.3
140.0   -1.48   -1.48   32.74   26.36   166.2   0.381   1441.5
150.0   -1.50   -1.50   32.85   26.45   157.8   0.397   1441.7
160.0   -1.52   -1.52   32.94   26.52   150.7   0.413   1441.9
170.0   -1.52   -1.53   33.03   26.60   143.8   0.428   1442.2
180.0   -1.53   -1.53   33.11   26.66   137.4   0.442   1442.4
190.0   -1.51   -1.51   33.23   26.76   128.3   0.455   1442.8
200.0   -1.47   -1.48   33.37   26.87   117.8   0.468   1443.4
210.0   -1.37   -1.38   33.55   27.01   104.1   0.479   1444.3
220.0   -1.23   -1.24   33.72   27.15    91.5   0.489   1445.3
230.0   -1.09   -1.10   33.91   27.29    77.9   0.497   1446.4
240.0   -0.90   -0.90   34.12   27.45    62.7   0.505   1447.8
250.0   -0.72   -0.73   34.25   27.56    53.0   0.510   1449.0
260.0   -0.56   -0.57   34.36   27.64    45.8   0.515   1450.0
270.0   -0.41   -0.41   34.45   27.70    39.8   0.520   1451.0
280.0   -0.29   -0.30   34.51   27.75    35.4   0.523   1451.8
290.0   -0.19   -0.20   34.56   27.78    32.4   0.527   1452.5
300.0   -0.11   -0.12   34.60   27.81    29.6   0.530   1453.1
310.0   -0.04   -0.05   34.64   27.84    27.2   0.533   1453.6
320.0    0.03    0.02   34.67   27.86    25.5   0.536   1454.2
330.0    0.09    0.07   34.69   27.87    23.8   0.538   1454.6
340.0    0.13    0.12   34.72   27.89    22.2   0.540   1455.0
350.0    0.17    0.16   34.74   27.90    21.0   0.543   1455.4
370.0    0.25    0.24   34.76   27.92    19.3   0.547   1456.1
390.0    0.31    0.29   34.79   27.94    18.0   0.550   1456.8
410.0    0.35    0.33   34.80   27.95    17.1   0.554   1457.3
430.0    0.38    0.36   34.82   27.96    16.4   0.557   1457.8
450.0    0.42    0.40   34.82   27.96    15.9   0.561   1458.3
470.0    0.43    0.41   34.83   27.97    15.3   0.564   1458.7
490.0    0.44    0.42   34.84   27.98    14.7   0.567   1459.1
510.0    0.43    0.41   34.85   27.98    14.5   0.570   1459.4
530.0    0.44    0.41   34.85   27.98    14.3   0.573   1459.7
550.0    0.43    0.40   34.85   27.99    13.9   0.576   1460.0
570.0    0.41    0.39   34.86   27.99    13.6   0.578   1460.3
590.0    0.39    0.37   34.86   27.99    13.1   0.581   1460.6
610.0    0.37    0.34   34.87   28.00    12.5   0.584   1460.8
630.0    0.36    0.33   34.87   28.00    12.6   0.586   1461.1
650.0    0.33    0.30   34.87   28.00    12.3   0.589   1461.3
670.0    0.30    0.27   34.87   28.00    12.0   0.591   1461.5
690.0    0.28    0.24   34.87   28.01    11.6   0.593   1461.7
710.0    0.25    0.22   34.87   28.01    11.3   0.596   1462.0
728.5    0.22    0.19   34.88   28.02    10.7   0.598   1462.1

                        DEPTH      TEMP.       SALIN

       HIT NUM = 1        4.1      -1.60       30.46
       HIT NUM = 2       40.3                  30.49
       HIT NUM = 3      250.1      -0.78       34.21
       HIT NUM = 4      500.1       0.48       34.85
       HIT NUM = 5      729.6       0.23       34.87
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```
BIG BEAR STATION 299(1) STD  20/JUN/1975 1700 GMT  CODE = 2
LAT = 76.3357N LNG = 149.4146W LTER =      0. LGER =      0.
AIR TEMP =         BARUM = 1021.7 WIND =  36.6 SPEED =  15.4

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.60   -1.60   30.46   24.51   342.9   0.000   1435.4
  5.0   -1.60   -1.60   30.46   24.51   342.8   0.017   1435.4
  9.8   -1.60   -1.60   30.46   24.51   342.8   0.034   1435.5
 10.0   -1.60   -1.60   30.46   24.51   342.8   0.035   1435.5
 15.0   -1.61   -1.61   30.46   24.52   342.5   0.052   1435.6
 20.0   -1.61   -1.61   30.47   24.52   341.8   0.069   1435.7
 25.0   -1.62   -1.62   30.48   24.53   340.9   0.086   1435.7
 30.0   -1.63   -1.63   30.49   24.54   340.2   0.103   1435.8
 35.0   -1.64   -1.64   30.49   24.54   339.8   0.120   1435.8
 40.0   -1.65   -1.65   30.50   24.55   339.7   0.138   1435.8
 45.0   -1.66   -1.66   30.50   24.55   339.1   0.155   1435.9
 50.0   -1.66   -1.66   30.50   24.55   339.0   0.172   1436.0
 55.0   -1.66   -1.65   30.50   24.55   339.0   0.189   1436.1
 60.0   -1.28   -1.28   31.04   24.98   298.0   0.205   1438.7
 65.0   -1.10   -1.11   31.43   25.29   268.4   0.219   1440.2
 70.0   -1.05   -1.05   31.64   25.46   252.5   0.232   1440.8
 80.0   -1.16   -1.16   31.94   25.70   229.3   0.257   1440.9
 90.0   -1.26   -1.26   32.15   25.88   212.7   0.279   1440.8
100.0   -1.34   -1.34   32.32   26.01   199.5   0.300   1440.9
110.0   -1.40   -1.40   32.46   26.13   187.9   0.319   1441.0
120.0   -1.44   -1.44   32.58   26.23   179.0   0.338   1441.1
130.0   -1.47   -1.47   32.68   26.31   171.1   0.355   1441.3
140.0   -1.49   -1.49   32.77   26.39   163.7   0.377   1441.5
150.0   -1.50   -1.51   32.87   26.46   156.3   0.388   1441.7
160.0   -1.52   -1.52   32.97   26.54   148.8   0.404   1441.9
170.0   -1.52   -1.53   33.07   26.63   140.5   0.418   1442.2
180.0   -1.51   -1.52   33.18   26.71   132.5   0.437   1442.6
190.0   -1.48   -1.49   33.30   26.82   122.8   0.445   1443.1
200.0   -1.42   -1.43   33.45   26.93   111.7   0.457   1443.7
210.0   -1.33   -1.34   33.61   27.06   100.0   0.467   1444.5
220.0   -1.18   -1.19   33.82   27.22    84.4   0.477   1445.7
230.0   -1.02   -1.03   34.00   27.37    70.8   0.485   1446.9
240.0   -0.84   -0.85   34.18   27.51    57.8   0.491   1448.2
250.0   -0.64   -0.65   34.31   27.60    49.0   0.497   1449.4
260.0   -0.50   -0.51   34.38   27.65    44.0   0.501   1450.3
270.0   -0.39   -0.40   34.47   27.72    37.8   0.505   1451.1
280.0   -0.27   -0.28   34.53   27.76    34.3   0.509   1451.9
290.0   -0.18   -0.19   34.57   27.79    31.5   0.512   1452.6
300.0   -0.10   -0.11   34.62   27.82    28.4   0.515   1453.2
310.0   -0.03   -0.04   34.65   27.85    26.3   0.518   1453.7
320.0    0.05    0.04   34.68   27.87    24.3   0.521   1454.3
330.0    0.11    0.10   34.71   27.89    22.7   0.523   1454.8
340.0    0.15    0.13   34.73   27.90    21.4   0.525   1455.1
350.0    0.19    0.17   34.75   27.91    20.4   0.527   1455.5
370.0    0.26    0.25   34.77   27.93    18.8   0.531   1456.2
390.0    0.31    0.30   34.79   27.94    17.5   0.535   1456.8
410.0    0.35    0.34   34.81   27.96    16.5   0.538   1457.3
430.0    0.39    0.37   34.82   27.96    15.8   0.542   1457.8
450.0    0.41    0.39   34.83   27.97    15.2   0.545   1458.3
470.0    0.44    0.42   34.84   27.97    14.9   0.548   1458.7
490.0    0.44    0.42   34.85   27.98    14.2   0.551   1459.1
510.0    0.45    0.43   34.85   27.98    14.1   0.554   1459.5
530.0    0.44    0.42   34.86   27.99    13.7   0.556   1459.8
550.0    0.43    0.40   34.86   27.99    13.3   0.559   1460.1
570.0    0.41    0.39   34.86   27.99    13.0   0.562   1460.3
590.0    0.38    0.36   34.87   28.00    12.6   0.564   1460.5
610.0    0.36    0.33   34.87   28.00    12.2   0.567   1460.8
630.0    0.33    0.30   34.87   28.01    11.9   0.569   1461.0
650.0    0.31    0.28   34.87   28.01    11.6   0.572   1461.2
670.0    0.29    0.26   34.87   28.01    11.5   0.574   1461.5
690.0    0.27    0.24   34.88   28.01    11.0   0.576   1461.7
710.0    0.24    0.21   34.88   28.02    10.8   0.579   1461.9

                        DEPTH      TEMP.       SALIN

       HIT NUM = 1        4.6      -1.60       30.45
       HIT NUM = 2       38.7                  30.48
       HIT NUM = 3      250.4      -0.78       34.18
       HIT NUM = 4      500.2       0.44       34.84
       HIT NUM = 5      726.1       0.24       34.87
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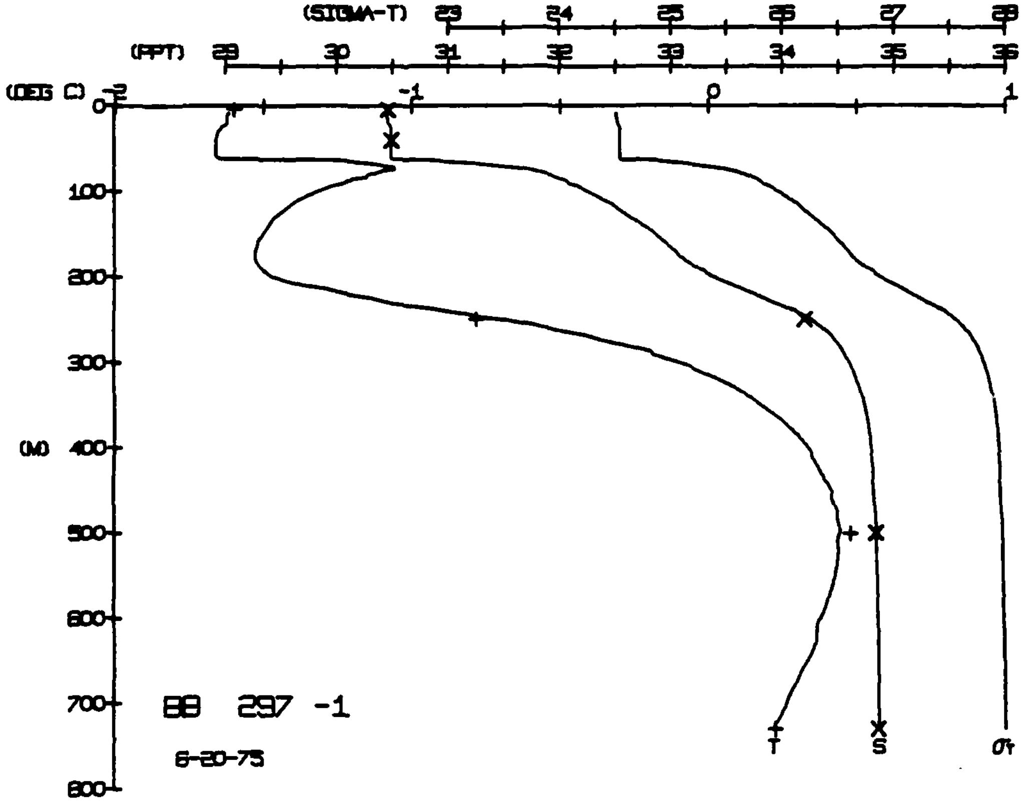

(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
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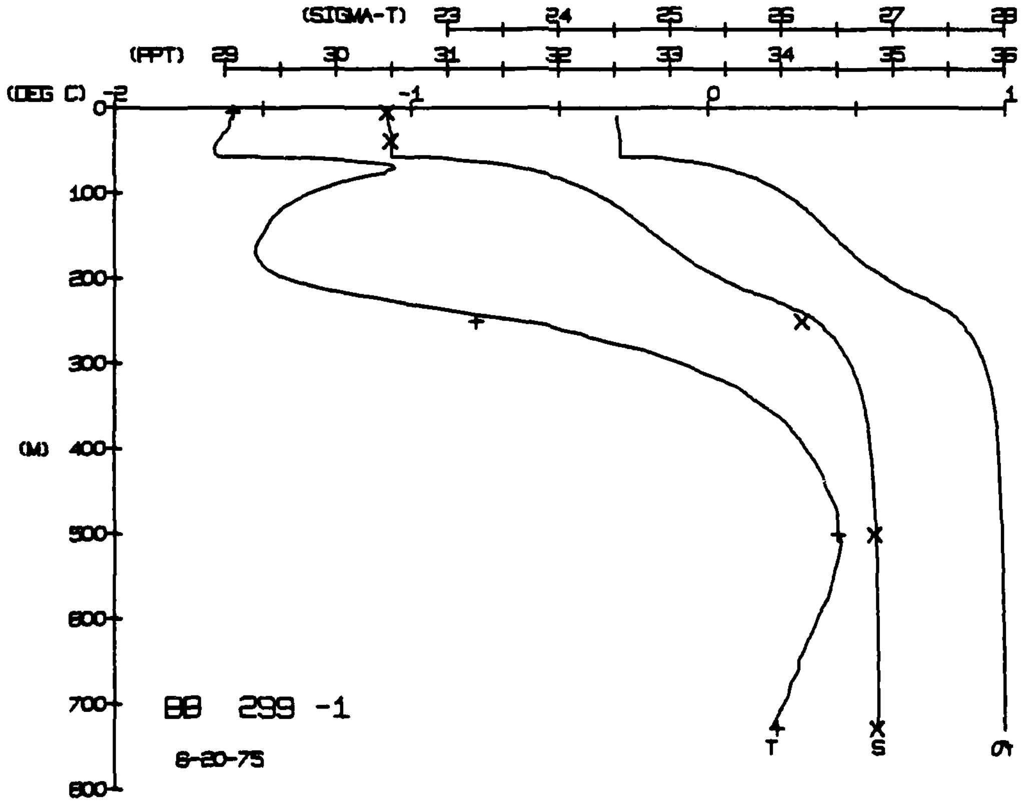

(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 299 -1
6-20-75
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```
BIG BEAR STATION 301(2) STD  21/JUN/1975  500 GMT  CODE = 2
LAT = 76.3390N LNG = 149.4357W LTER =      0. LGER =      1.
AIR TEMP =          BARUM = 1019.5 WIND =  36.6 SPEED =  15.4

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.61   -1.61   30.46   24.52   342.7   0.000   1435.3
   4.9   -1.61   -1.61   30.46   24.52   342.7   0.017   1435.4
   5.0   -1.61   -1.61   30.46   24.52   342.7   0.017   1435.4
  10.0   -1.59   -1.59   30.46   24.52   342.2   0.034   1435.6
  15.0   -1.59   -1.59   30.47   24.52   341.9   0.052   1435.7
  20.0   -1.60   -1.60   30.47   24.53   341.4   0.069   1435.7
  25.0   -1.60   -1.60   30.48   24.53   340.7   0.086   1435.8
  30.0   -1.61   -1.61   30.50   24.55   339.4   0.103   1435.9
  35.0   -1.63   -1.63   30.50   24.55   338.8   0.120   1435.9
  40.0   -1.64   -1.64   30.50   24.55   338.7   0.137   1435.9
  45.0   -1.64   -1.64   30.50   24.55   338.5   0.154   1436.0
  50.0   -1.64   -1.64   30.51   24.56   338.4   0.171   1436.1
  55.0   -1.64   -1.64   30.51   24.56   338.2   0.189   1436.2
  60.0   -1.64   -1.64   30.51   24.56   338.0   0.206   1436.3
  65.0   -1.21   -1.22   31.01   24.95   300.6   0.222   1439.1
  70.0   -1.08   -1.08   31.36   25.23   274.1   0.236   1440.3
  80.0   -1.11   -1.12   31.90   25.67   232.0   0.262   1441.0
  90.0   -1.22   -1.22   32.11   25.84   215.6   0.284   1441.0
 100.0   -1.30   -1.30   32.29   25.99   201.5   0.305   1441.0
 110.0   -1.37   -1.37   32.44   26.12   189.6   0.325   1441.1
 120.0   -1.41   -1.41   32.56   26.21   180.4   0.344   1441.2
 130.0   -1.44   -1.44   32.66   26.29   173.0   0.361   1441.4
 140.0   -1.46   -1.46   32.74   26.36   166.1   0.379   1441.6
 150.0   -1.48   -1.48   32.84   26.44   158.8   0.395   1441.8
 160.0   -1.50   -1.50   32.94   26.52   151.0   0.411   1442.0
 170.0   -1.50   -1.51   33.04   26.60   143.4   0.425   1442.3
 180.0   -1.51   -1.51   33.14   26.68   135.6   0.439   1442.6
 190.0   -1.49   -1.50   33.23   26.76   128.2   0.453   1442.9
 200.0   -1.44   -1.45   33.38   26.88   117.2   0.465   1443.5
 210.0   -1.37   -1.37   33.53   26.99   106.0   0.476   1444.3
 220.0   -1.27   -1.27   33.68   27.11    94.9   0.487   1445.1
 230.0   -1.12   -1.13   33.85   27.24    82.5   0.496   1446.2
 240.0   -0.98   -0.98   34.01   27.37    70.2   0.503   1447.3
 250.0   -0.77   -0.78   34.20   27.52    57.0   0.510   1448.6
 260.0   -0.57   -0.58   34.33   27.61    48.1   0.515   1449.9
 270.0   -0.46   -0.47   34.41   27.68    42.0   0.520   1450.7
 280.0   -0.36   -0.37   34.48   27.72    37.8   0.524   1451.5
 290.0   -0.25   -0.26   34.53   27.76    34.1   0.527   1452.2
 300.0   -0.16   -0.17   34.58   27.79    31.1   0.530   1452.9
 310.0   -0.07   -0.08   34.62   27.83    28.1   0.533   1453.5
 320.0    0.01    0.00   34.66   27.85    25.8   0.536   1454.1
 330.0    0.07    0.06   34.69   27.87    24.0   0.539   1454.5
 340.0    0.13    0.12   34.71   27.89    22.4   0.541   1455.0
 350.0    0.16    0.15   34.73   27.90    21.2   0.543   1455.4
 370.0    0.24    0.22   34.77   27.92    19.2   0.547   1456.1
 390.0    0.30    0.28   34.79   27.94    17.8   0.551   1456.7
 410.0    0.35    0.33   34.81   27.95    16.8   0.555   1457.3
 430.0    0.38    0.36   34.82   27.96    16.1   0.558   1457.8
 450.0    0.41    0.39   34.83   27.97    15.5   0.561   1458.3
 470.0    0.43    0.41   34.84   27.97    14.9   0.564   1458.7
 490.0    0.45    0.43   34.85   27.98    14.3   0.567   1459.2
 510.0    0.46    0.43   34.85   27.98    14.0   0.570   1459.5
 530.0    0.45    0.43   34.86   27.99    13.7   0.573   1459.8
 550.0    0.45    0.42   34.86   27.99    13.3   0.576   1460.2
 570.0    0.43    0.41   34.87   28.00    12.9   0.578   1460.4
 590.0    0.41    0.39   34.87   28.00    12.7   0.581   1460.7
 610.0    0.39    0.37   34.87   28.00    12.4   0.583   1460.9
 630.0    0.37    0.34   34.87   28.01    12.0   0.586   1461.1
 650.0    0.34    0.31   34.88   28.01    11.7   0.588   1461.3
 670.0    0.30    0.27   34.88   28.01    11.2   0.590   1461.5
 690.0    0.28    0.25   34.88   28.01    11.0   0.593   1461.7
 710.0    0.25    0.22   34.88   28.02    10.6   0.595   1462.0
 728.5    0.22    0.19   34.88   28.02    10.5   0.597   1462.1

                        DEPTH       TEMP.        SALIN

       BOT NUM = 1        4.2       -1.59        30.44
       BOT NUM = 2       40.0                    30.49
       BOT NUM = 3      253.2       -0.72        34.23
       BOT NUM = 4      499.7        0.45        34.84
       BOT NUM = 5      730.9        0.23        34.87
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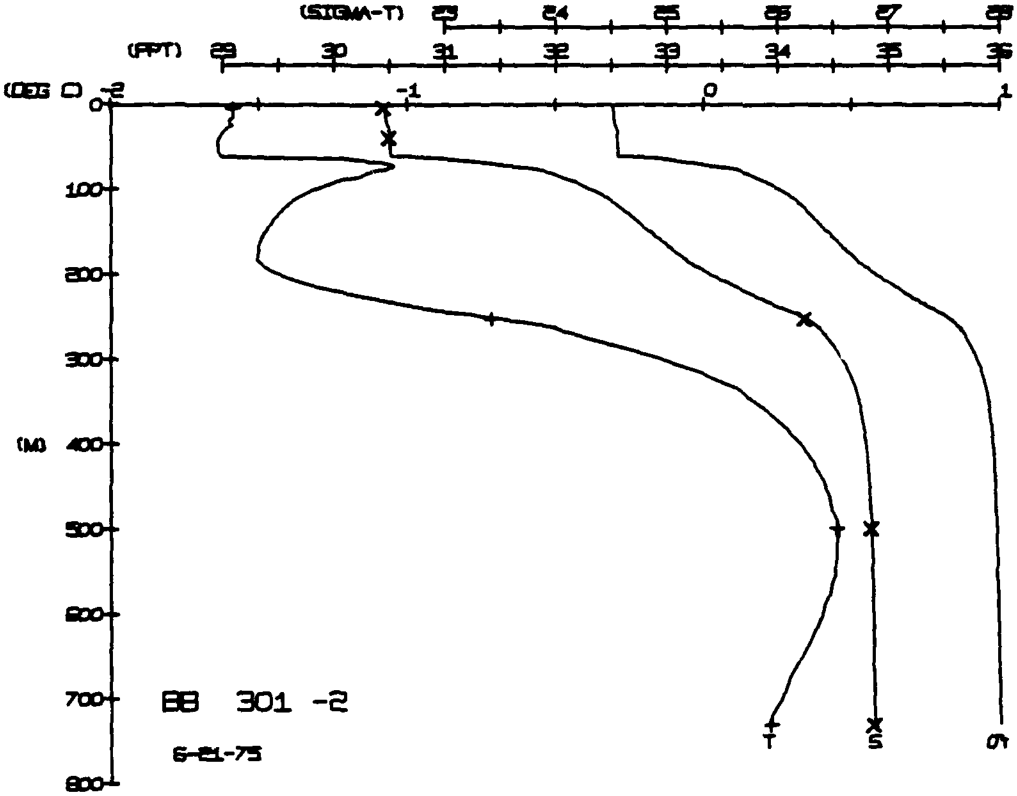
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 301 -2
6-21-75
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                                  BIG BEAR STATION 303(1) STD  21/JUN/1975 1700 GMT  CODE = 2
                                   LAT = 76.3580N LNG = 149.4583W LTER =      0. LGER =      0.
                                   AIR TEMP =  -3.9 BAROM = 1015.8 WIND = 106.8 SPEED =  49.6

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYHGT   SOUND          DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYHGT   SOUND

   0.0   -1.40   -1.40   30.45   24.51   343.8   0.000   1436.3          850.0    0.07    0.03   34.88   28.03     9.6   0.607   1463.4
   5.0   -1.40   -1.40   30.45   24.51   343.7   0.017   1436.4          900.0    0.01   -0.03   34.88   28.03     8.9   0.611   1464.0
   5.3   -1.40   -1.40   30.45   24.51   343.7   0.018   1436.4          950.0   -0.04   -0.08   34.89   28.04     8.2   0.616   1464.7
  10.0   -1.56   -1.56   30.46   24.52   342.3   0.035   1435.8         1000.0   -0.09   -0.13   34.89   28.04     7.5   0.619   1465.3
  15.0   -1.58   -1.58   30.46   24.52   342.0   0.052   1435.7         1050.0   -0.13   -0.18   34.89   28.05     7.0   0.623   1465.9
  20.0   -1.60   -1.60   30.47   24.52   341.9   0.069   1435.7         1100.0   -0.17   -0.21   34.90   28.05     6.5   0.627   1466.6
  25.0   -1.61   -1.61   30.48   24.53   341.0   0.086   1435.8         1150.0   -0.20   -0.25   34.90   28.06     6.0   0.630   1467.3
  30.0   -1.62   -1.62   30.49   24.54   340.0   0.103   1435.8         1200.0   -0.23   -0.28   34.90   28.06     5.5   0.633   1468.0
  35.0   -1.62   -1.62   30.49   24.54   339.7   0.120   1435.9         1250.0   -0.26   -0.31   34.91   28.06     5.0   0.635   1468.7
  40.0   -1.63   -1.63   30.49   24.55   339.4   0.138   1435.9         1300.0   -0.27   -0.33   34.91   28.07     4.5   0.638   1469.5
  45.0   -1.64   -1.64   30.50   24.55   339.3   0.155   1436.0         1350.0   -0.30   -0.36   34.91   28.07     4.2   0.640   1470.2
  50.0   -1.64   -1.64   30.50   24.55   339.2   0.172   1436.1         1400.0   -0.32   -0.39   34.91   28.07     3.8   0.642   1471.0
  55.0   -1.64   -1.64   30.50   24.55   339.1   0.189   1436.1         1450.0   -0.34   -0.41   34.92   28.08     3.3   0.644   1471.7
  60.0   -1.61   -1.61   30.55   24.59   335.1   0.206   1436.5         1500.0   -0.35   -0.43   34.92   28.08     2.9   0.645   1472.5
  65.0   -1.14   -1.14   31.10   25.03   293.6   0.222   1439.6         1550.0   -0.37   -0.45   34.92   28.08     2.6   0.647   1473.3
  70.0   -1.07   -1.07   31.43   25.29   268.6   0.236   1440.4         1600.0   -0.39   -0.47   34.92   28.08     2.3   0.648   1474.0
  80.0   -1.09   -1.10   31.86   25.64   235.2   0.261   1441.1         1650.0   -0.40   -0.48   34.92   28.09     2.0   0.649   1474.8
  90.0   -1.24   -1.24   32.11   25.85   215.5   0.284   1440.9         1700.0   -0.41   -0.49   34.93   28.09     1.7   0.650   1475.6
 100.0   -1.31   -1.32   32.28   25.98   202.2   0.305   1440.9         1750.0   -0.42   -0.50   34.93   28.09     1.4   0.651   1476.4
 110.0   -1.37   -1.37   32.42   26.10   191.1   0.325   1441.0         1800.0   -0.42   -0.51   34.93   28.09     1.1   0.651   1477.3
 120.0   -1.41   -1.41   32.54   26.20   181.6   0.344   1441.2         1850.0   -0.42   -0.52   34.93   28.09     0.8   0.652   1478.1
 130.0   -1.44   -1.44   32.66   26.29   172.9   0.362   1441.4         1900.0   -0.43   -0.52   34.94   28.10     0.6   0.652   1479.0
 140.0   -1.47   -1.47   32.76   26.38   164.7   0.379   1441.5         1950.0   -0.43   -0.53   34.93   28.10     0.6   0.652   1479.8
 150.0   -1.49   -1.50   32.87   26.46   156.3   0.395   1441.8         2000.0   -0.43   -0.53   34.93   28.09     0.6   0.653   1480.7
 160.0   -1.51   -1.51   32.97   26.55   148.6   0.410   1442.0         2050.0   -0.42   -0.53   34.94   28.10     0.5   0.653   1481.5
 170.0   -1.52   -1.52   33.06   26.62   141.2   0.425   1442.2         2100.0   -0.42   -0.53   34.94   28.10     0.4   0.653   1482.4
 180.0   -1.51   -1.51   33.15   26.69   134.6   0.439   1442.6         2150.0   -0.42   -0.54   34.94   28.10     0.3   0.653   1483.2
 190.0   -1.49   -1.49   33.26   26.78   125.9   0.452   1443.0         2200.0   -0.42   -0.54   34.94   28.10     0.2   0.653   1484.1
 200.0   -1.44   -1.45   33.38   26.88   117.1   0.464   1443.5         2250.0   -0.42   -0.54   34.94   28.10     0.0   0.654   1485.0
 210.0   -1.33   -1.34   33.57   27.02   103.1   0.475   1444.5         2300.0   -0.41   -0.54   34.94   28.10     0.1   0.654   1485.8
 220.0   -1.18   -1.19   33.76   27.18    88.7   0.485   1445.6         2350.0   -0.41   -0.54   34.94   28.10     0.0   0.654   1486.7
 230.0   -1.05   -1.05   33.94   27.32    75.6   0.493   1446.7         2400.0   -0.41   -0.54   34.94   28.10     0.0   0.654   1487.6
 240.0   -0.86   -0.86   34.12   27.46    62.5   0.500   1448.0         2450.0   -0.40   -0.53   34.94   28.10     0.1   0.654   1488.5
 250.0   -0.68   -0.69   34.25   27.55    53.5   0.506   1449.2         2500.0   -0.40   -0.54   34.94   28.10    -0.1   0.654   1489.3
 260.0   -0.50   -0.51   34.36   27.64    45.7   0.511   1450.3         2550.0   -0.40   -0.54   34.94   28.10    -0.3   0.653   1490.2
 270.0   -0.38   -0.39   34.44   27.70    40.0   0.515   1451.1         2600.0   -0.39   -0.54   34.94   28.10    -0.4   0.653   1491.1
 280.0   -0.26   -0.27   34.51   27.75    35.5   0.519   1452.0         2650.0   -0.38   -0.54   34.94   28.10    -0.4   0.653   1492.0
 290.0   -0.16   -0.18   34.56   27.78    32.2   0.523   1452.6         2700.0   -0.38   -0.54   34.95   28.10    -0.5   0.653   1492.8
 300.0   -0.08   -0.09   34.60   27.81    29.7   0.526   1453.2         2750.0   -0.37   -0.53   34.95   28.10    -0.5   0.653   1493.7
 310.0   -0.01   -0.03   34.63   27.83    27.7   0.529   1453.8         2800.0   -0.37   -0.53   34.95   28.10    -0.6   0.652   1494.6
 320.0    0.05    0.04   34.67   27.86    25.2   0.531   1454.3         2850.0   -0.36   -0.53   34.95   28.10    -0.6   0.652   1495.5
 330.0    0.11    0.10   34.70   27.88    23.5   0.534   1454.7         2900.0   -0.36   -0.53   34.95   28.10    -0.6   0.652   1496.4
 340.0    0.16    0.14   34.72   27.89    22.2   0.536   1455.1         2938.0   -0.35   -0.53   34.95   28.10    -0.7   0.652   1497.1
 350.0    0.19    0.18   34.74   27.91    21.0   0.538   1455.5
 370.0    0.26    0.25   34.77   27.92    19.3   0.542   1456.2
 390.0    0.31    0.30   34.79   27.94    18.0   0.546   1456.8
 410.0    0.35    0.33   34.80   27.95    17.1   0.550   1457.3
 430.0    0.39    0.37   34.81   27.95    16.6   0.553   1457.8
 450.0    0.42    0.40   34.82   27.96    16.0   0.556   1458.3
 470.0    0.44    0.42   34.83   27.97    15.4   0.559   1458.7
 490.0    0.45    0.43   34.84   27.97    15.0   0.563   1459.2
 510.0    0.45    0.43   34.85   27.98    14.6   0.566   1459.5
 530.0    0.45    0.42   34.85   27.98    14.2   0.568   1459.8
 550.0    0.43    0.41   34.85   27.98    14.0   0.571   1460.1
 570.0    0.41    0.39   34.86   27.99    13.6   0.574   1460.3
 590.0    0.39    0.36   34.86   27.99    13.1   0.577   1460.5
 610.0    0.37    0.34   34.86   28.00    12.7   0.579   1460.8
 630.0    0.34    0.32   34.86   28.00    12.6   0.582   1461.0
 650.0    0.33    0.30   34.87   28.00    12.2   0.585   1461.3
 670.0    0.30    0.27   34.87   28.00    12.0   0.587   1461.5
 690.0    0.28    0.25   34.87   28.01    11.8   0.589   1461.7
 710.0    0.25    0.22   34.87   28.01    11.5   0.592   1461.9
 730.0    0.22    0.19   34.87   28.01    11.1   0.594   1462.1
 750.0    0.19    0.15   34.87   28.01    10.6   0.596   1462.3
 800.0    0.12    0.08   34.87   28.02    10.3   0.602   1462.8

                                                 DEPTH        TEMP.        SALIN

                                BOT BOR = 1        4.6                     30.44
                                BOT BOR = 2      999.3        -0.07        34.88
                                BOT BOR = 3     1468.7                     34.92
                                BOT BOR = 4     1997.3                     34.93
                                BOT BOR = 5     2940.7        -0.34        34.94
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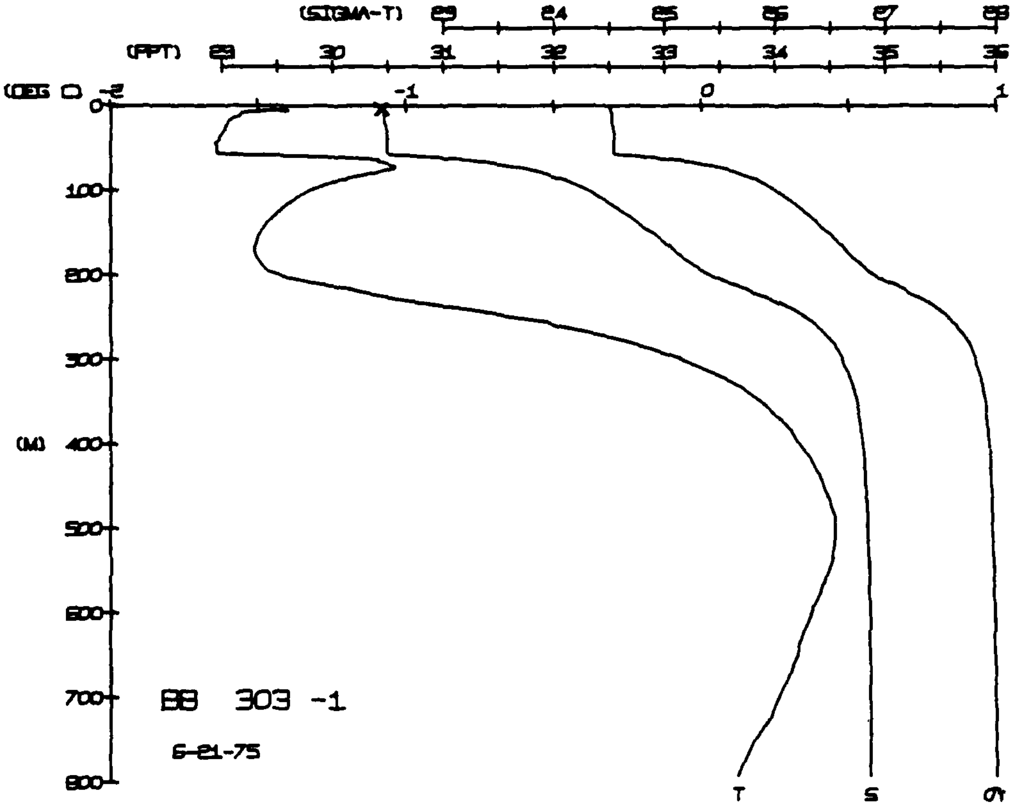
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(DEG C) -2 -1 0 1
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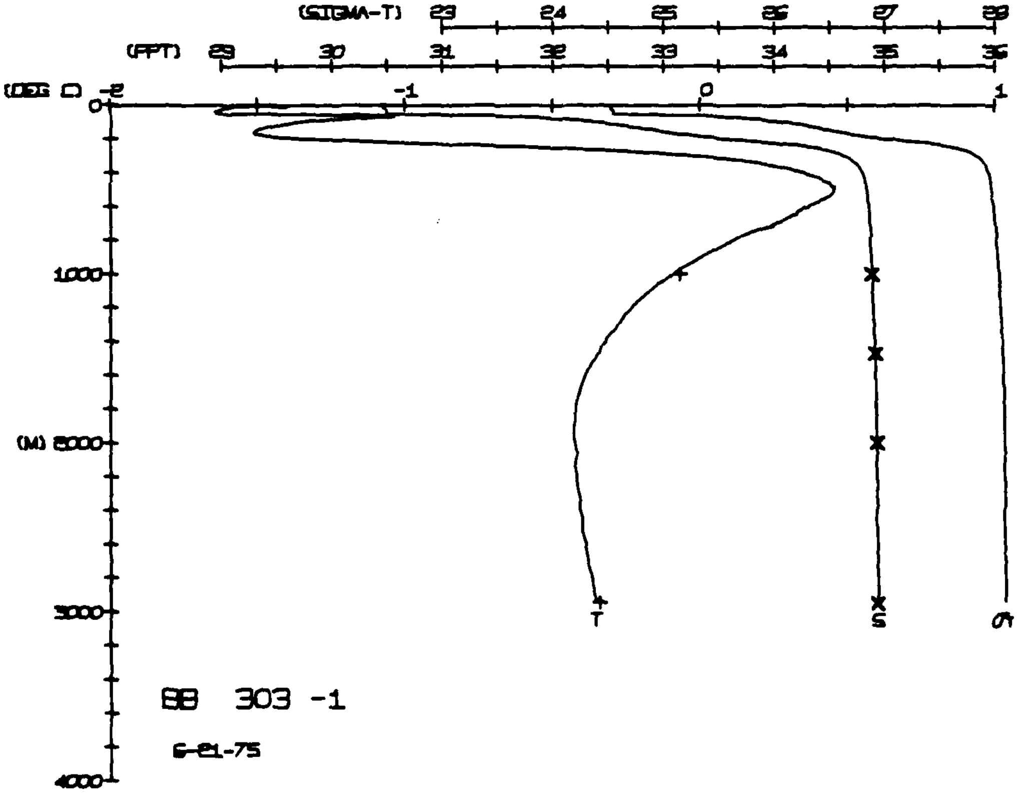
200
300
(M) 400
500
600
700
800
BB 303 -1
6-21-75
T
S
σt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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
1000
(M) 2000
3000
4000
T
S
σt
BB 303 -1
6-21-75

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BIG BEAR STATION 305(1) STD  22/JUN/1975  500 GMT  CODE = 2
LAT = 76.4037N LNG = 149.5226W LTER =      0. LGER =      0.
AIR TEMP =   -3.9 BAROM = 1010.1 WIND = 106.8 SPEED =  49.6

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.61   -1.61   30.46   24.52   342.9   0.000  1435.3
   4.4   -1.61   -1.61   30.46   24.52   342.8   0.015  1435.4
   5.0   -1.61   -1.61   30.46   24.52   342.8   0.017  1435.4
  10.0   -1.60   -1.60   30.46   24.52   342.7   0.035  1435.5
  15.0   -1.61   -1.61   30.46   24.52   342.5   0.052  1435.6
  20.0   -1.61   -1.61   30.46   24.52   342.3   0.069  1435.7
  25.0   -1.62   -1.62   30.46   24.52   342.1   0.086  1435.7
  30.0   -1.62   -1.62   30.46   24.52   341.9   0.103  1435.8
  35.0   -1.62   -1.62   30.47   24.53   341.5   0.121  1435.9
  40.0   -1.63   -1.63   30.47   24.53   341.1   0.138  1435.9
  45.0   -1.64   -1.64   30.48   24.53   340.8   0.155  1435.9
  50.0   -1.65   -1.65   30.48   24.54   340.2   0.172  1436.0
  55.0   -1.65   -1.65   30.49   24.54   339.9   0.189  1436.1
  60.0   -1.31   -1.32   30.88   24.86   309.7   0.206  1438.3
  65.0   -1.08   -1.08   31.31   25.19   277.8   0.220  1440.1
  70.0   -1.03   -1.03   31.59   25.42   256.1   0.234  1440.8
  80.0   -1.11   -1.11   31.91   25.68   231.1   0.258  1441.1
  90.0   -1.25   -1.25   32.15   25.88   212.7   0.281  1440.9
 100.0   -1.33   -1.34   32.31   26.01   199.8   0.302  1440.9
 110.0   -1.39   -1.39   32.45   26.12   189.1   0.321  1441.0
 120.0   -1.43   -1.43   32.57   26.22   179.5   0.340  1441.1
 130.0   -1.47   -1.47   32.68   26.31   170.7   0.358  1441.3
 140.0   -1.49   -1.49   32.79   26.40   162.7   0.374  1441.5
 150.0   -1.51   -1.51   32.88   26.47   155.4   0.390  1441.7
 160.0   -1.52   -1.53   32.98   26.55   147.9   0.406  1441.9
 170.0   -1.53   -1.53   33.07   26.63   140.7   0.420  1442.2
 180.0   -1.52   -1.52   33.18   26.71   132.5   0.434  1442.6
 190.0   -1.50   -1.50   33.29   26.80   124.0   0.447  1443.0
 200.0   -1.43   -1.44   33.44   26.92   112.5   0.459  1443.7
 210.0   -1.33   -1.33   33.59   27.05   101.1   0.470  1444.6
 220.0   -1.18   -1.19   33.80   27.21    85.6   0.479  1445.7
 230.0   -1.00   -1.01   34.00   27.36    71.2   0.487  1447.0
 240.0   -0.82   -0.83   34.16   27.49    59.8   0.494  1448.2
 250.0   -0.68   -0.69   34.27   27.57    52.1   0.499  1449.2
 260.0   -0.54   -0.55   34.36   27.64    45.6   0.504  1450.1
 270.0   -0.41   -0.42   34.45   27.70    39.8   0.509  1451.0
 280.0   -0.28   -0.29   34.51   27.75    35.3   0.512  1451.9
 290.0   -0.16   -0.17   34.57   27.79    31.6   0.516  1452.6
 300.0   -0.08   -0.09   34.61   27.82    28.7   0.519  1453.3
 310.0    0.00   -0.02   34.65   27.85    26.3   0.522  1453.8
 320.0    0.05    0.03   34.68   27.87    24.4   0.524  1454.3
 330.0    0.10    0.09   34.70   27.88    23.0   0.527  1454.7
 340.0    0.15    0.13   34.72   27.90    21.7   0.529  1455.1
 350.0    0.19    0.17   34.74   27.91    20.6   0.531  1455.5
 370.0    0.25    0.23   34.77   27.93    18.9   0.535  1456.1
 390.0    0.30    0.29   34.79   27.94    17.7   0.539  1456.7
 410.0    0.35    0.33   34.81   27.95    16.7   0.542  1457.3
 430.0    0.38    0.36   34.82   27.96    16.1   0.545  1457.8
 450.0    0.40    0.38   34.83   27.97    15.6   0.549  1458.2
 470.0    0.42    0.40   34.84   27.97    15.1   0.552  1458.7
 490.0    0.44    0.42   34.85   27.98    14.6   0.555  1459.1
 510.0    0.43    0.41   34.85   27.98    14.2   0.558  1459.4
 530.0    0.42    0.40   34.86   27.99    13.6   0.560  1459.7
 550.0    0.41    0.39   34.86   27.99    13.4   0.563  1460.0
 570.0    0.40    0.37   34.86   27.99    13.1   0.566  1460.2
 590.0    0.38    0.35   34.87   28.00    12.6   0.568  1460.5
 610.0    0.36    0.33   34.87   28.00    12.2   0.571  1460.8
 630.0    0.33    0.31   34.87   28.00    12.0   0.573  1461.0
 650.0    0.31    0.28   34.87   28.01    11.7   0.576  1461.2
 670.0    0.29    0.26   34.88   28.01    11.4   0.578  1461.4
 690.0    0.26    0.23   34.88   28.01    11.1   0.580  1461.7
 710.0    0.24    0.21   34.88   28.01    10.9   0.583  1461.9
 728.1    0.22    0.19   34.88   28.02    10.6   0.585  1462.1

                          DEPTH     TEMP.      SALIN

          BOT NUM = 1       4.4     -1.59      30.45
          BOT NUM = 2      40.2                30.48
          BOT NUM = 3     249.9     -0.77      34.21
          BOT NUM = 4     496.9      0.44      34.85
          BOT NUM = 5     728.9      0.23      34.87
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BIG BEAR STATION 307(2) STD  22/JUN/1975 1700 GMT  CODE = 2
LAT = 76.4221N LNG = 149.4621W LTER =      1. LGER =      2.
AIR TEMP =    0.3 BAROM = 1007.9 WIND = 187.2 SPEED =  36.5

DEPTH     TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.59   -1.59   30.45   24.51   343.2   0.000  1435.4
   5.0   -1.59   -1.59   30.45   24.51   343.1   0.017  1435.5
   5.7   -1.59   -1.59   30.45   24.51   343.1   0.020  1435.5
  10.0   -1.59   -1.59   30.45   24.51   343.0   0.035  1435.6
  15.0   -1.58   -1.58   30.45   24.51   342.8   0.052  1435.7
  20.0   -1.58   -1.58   30.46   24.51   342.6   0.069  1435.8
  25.0   -1.58   -1.58   30.46   24.52   342.4   0.086  1435.9
  30.0   -1.59   -1.59   30.46   24.52   342.2   0.104  1435.9
  35.0   -1.60   -1.60   30.46   24.52   341.9   0.121  1436.0
  40.0   -1.61   -1.61   30.48   24.53   340.8   0.138  1436.0
  45.0   -1.62   -1.62   30.48   24.53   340.7   0.155  1436.0
  50.0   -1.63   -1.63   30.48   24.53   340.6   0.172  1436.1
  55.0   -1.63   -1.63   30.49   24.54   339.6   0.189  1436.2
  60.0   -1.42   -1.42   30.95   24.91   304.4   0.206  1437.9
  65.0   -1.09   -1.09   31.29   25.18   279.4   0.220  1440.0
  70.0   -1.04   -1.04   31.57   25.40   257.8   0.234  1440.8
  80.0   -1.11   -1.11   31.95   25.71   228.3   0.258  1441.1
  90.0   -1.21   -1.21   32.12   25.85   215.0   0.281  1441.0
 100.0   -1.32   -1.32   32.32   26.01   199.4   0.302  1441.0
 110.0   -1.38   -1.38   32.45   26.12   189.1   0.321  1441.0
 120.0   -1.42   -1.42   32.56   26.21   180.3   0.340  1441.2
 130.0   -1.45   -1.45   32.66   26.29   172.9   0.358  1441.3
 140.0   -1.47   -1.48   32.75   26.37   165.7   0.375  1441.5
 150.0   -1.49   -1.50   32.84   26.44   158.4   0.391  1441.7
 160.0   -1.52   -1.52   32.94   26.52   151.1   0.407  1441.9
 170.0   -1.52   -1.52   33.03   26.59   143.9   0.422  1442.2
 180.0   -1.52   -1.52   33.13   26.67   136.4   0.436  1442.5
 190.0   -1.50   -1.50   33.24   26.76   127.8   0.449  1442.9
 200.0   -1.46   -1.46   33.37   26.87   117.5   0.461  1443.5
 210.0   -1.38   -1.39   33.51   26.98   107.3   0.473  1444.2
 220.0   -1.26   -1.27   33.69   27.12    94.1   0.483  1445.1
 230.0   -1.10   -1.11   33.89   27.28    79.5   0.492  1446.3
 240.0   -0.96   -0.97   34.05   27.40    67.6   0.499  1447.4
 250.0   -0.79   -0.80   34.20   27.52    57.0   0.505  1448.6
 260.0   -0.60   -0.60   34.33   27.62    47.6   0.511  1449.8
 270.0   -0.48   -0.48   34.41   27.68    41.9   0.515  1450.7
 280.0   -0.36   -0.37   34.49   27.73    37.1   0.519  1451.5
 290.0   -0.24   -0.25   34.54   27.77    33.6   0.523  1452.2
 300.0   -0.15   -0.16   34.59   27.80    30.5   0.526  1452.9
 310.0   -0.07   -0.08   34.62   27.83    28.1   0.529  1453.5
 320.0    0.01   -0.01   34.66   27.85    25.7   0.532  1454.0
 330.0    0.07    0.06   34.69   27.87    23.8   0.534  1454.5
 340.0    0.11    0.10   34.71   27.89    22.4   0.537  1454.9
 350.0    0.16    0.15   34.73   27.90    21.3   0.539  1455.3
 370.0    0.23    0.21   34.76   27.92    19.2   0.543  1456.0
 390.0    0.28    0.26   34.78   27.94    18.0   0.547  1456.6
 410.0    0.33    0.31   34.80   27.95    17.0   0.550  1457.2
 430.0    0.37    0.35   34.81   27.96    16.4   0.554  1457.7
 450.0    0.39    0.37   34.83   27.96    15.6   0.557  1458.2
 470.0    0.42    0.40   34.84   27.97    15.2   0.560  1458.7
 490.0    0.43    0.41   34.84   27.98    14.6   0.563  1459.1
 510.0    0.44    0.42   34.85   27.98    14.2   0.566  1459.4
 530.0    0.44    0.41   34.85   27.98    14.0   0.569  1459.8
 550.0    0.42    0.40   34.86   27.99    13.5   0.571  1460.0
 570.0    0.41    0.39   34.86   27.99    13.2   0.574  1460.3
 590.0    0.39    0.37   34.87   28.00    12.8   0.577  1460.6
 610.0    0.37    0.34   34.87   28.00    12.5   0.579  1460.8
 630.0    0.35    0.32   34.87   28.00    12.2   0.582  1461.1
 650.0    0.32    0.30   34.87   28.00    11.9   0.584  1461.3
 670.0    0.30    0.27   34.87   28.01    11.6   0.587  1461.5
 690.0    0.27    0.24   34.88   28.01    11.2   0.589  1461.7
 710.0    0.25    0.21   34.88   28.02    10.8   0.591  1461.9
 728.5    0.22    0.19   34.88   28.02    10.7   0.593  1462.1

                          DEPTH     TEMP.      SALIN

          BOT NUM = 1       4.6     -1.59      30.44
          BOT NUM = 2      40.3                30.49
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          BOT NUM = 4     495.1      0.46      34.85
          BOT NUM = 5     727.2      0.25      34.86
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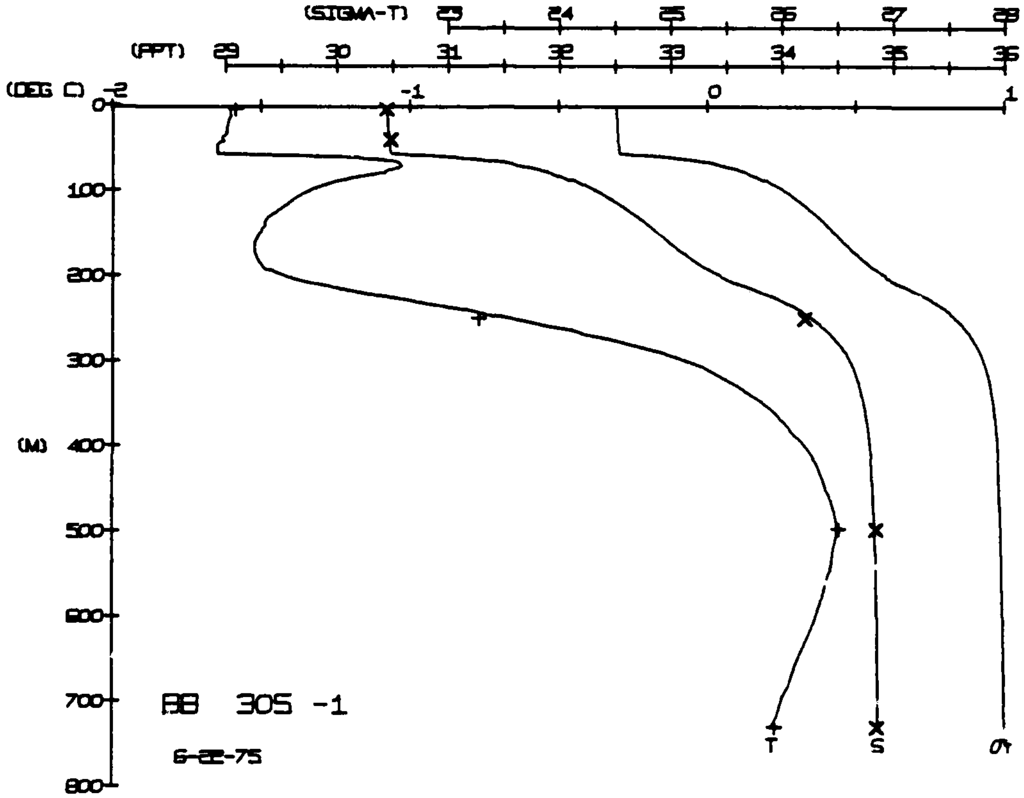
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(DEG C) -2 -1 0 1
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300
(M) 400
500
600
700
800
BB 305 -1
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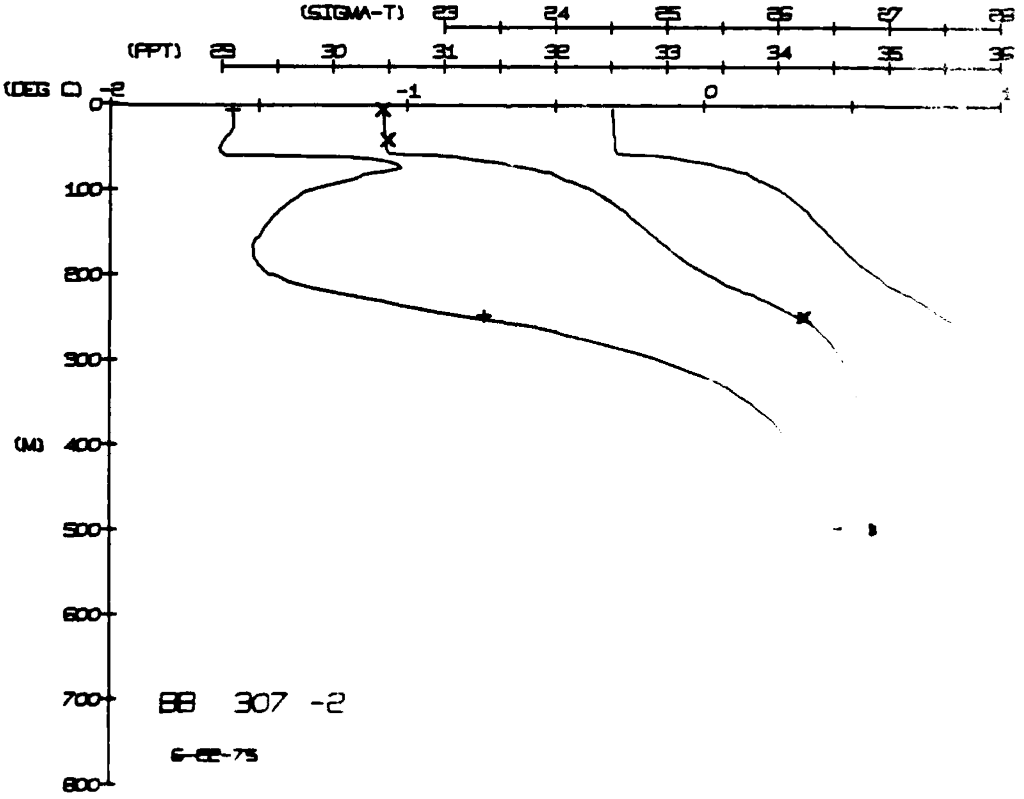
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ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976. PHYSICAL OCEANO--ETC(U)
FEB 80 E BAUER, K HUNKINS, T O MANLEY N00014-76-C-0004
UNCLASSIFIED LDGO-CU-11-80 NL

4 OF 5
AD A
118205

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BIG BEAR STATION 309(1) STD  23/JUN/1975  500 GMT  CODE = 2
LAT = 76.4347N LNG = 149.4682W LTER =     1, LGER =    1,
AIR TEMP =   0.3 BAROM = 1006.7 WIND = 187.2 SPEED =  36.5

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.52   -1.52   30.44   24.50   344.1   0.000   1435.7
   5.0   -1.52   -1.52   30.44   24.50   344.1   0.017   1435.8
   5.4   -1.52   -1.52   30.44   24.50   344.1   0.019   1435.8
  10.0   -1.51   -1.51   30.43   24.50   344.6   0.035   1435.9
  15.0   -1.56   -1.56   30.44   24.50   343.9   0.052   1435.8
  20.0   -1.59   -1.59   30.44   24.51   343.5   0.069   1435.7
  25.0   -1.60   -1.60   30.45   24.51   342.8   0.087   1435.8
  30.0   -1.61   -1.61   30.46   24.52   342.4   0.104   1435.8
  35.0   -1.62   -1.62   30.46   24.52   341.8   0.121   1435.9
  40.0   -1.63   -1.63   30.47   24.53   341.3   0.138   1435.9
  45.0   -1.63   -1.63   30.47   24.53   341.1   0.155   1436.0
  50.0   -1.64   -1.64   30.48   24.53   340.8   0.173   1436.0
  55.0   -1.64   -1.64   30.48   24.53   340.4   0.190   1436.1
  60.0   -1.64   -1.64   30.48   24.54   340.1   0.207   1436.2
  65.0   -1.30   -1.30   31.03   24.97   298.9   0.223   1438.7
  70.0   -1.08   -1.09   31.32   25.20   276.7   0.238   1440.2
  80.0   -1.06   -1.07   31.78   25.57   241.5   0.264   1441.1
  90.0   -1.18   -1.18   32.03   25.78   222.0   0.287   1441.1
 100.0   -1.27   -1.28   32.20   25.92   208.6   0.309   1441.0
 110.0   -1.36   -1.36   32.38   26.06   194.7   0.329   1441.0
 120.0   -1.41   -1.41   32.52   26.18   183.8   0.348   1441.1
 130.0   -1.45   -1.45   32.65   26.29   173.5   0.366   1441.3
 140.0   -1.47   -1.48   32.73   26.35   167.0   0.383   1441.5
 150.0   -1.49   -1.49   32.82   26.43   160.0   0.400   1441.7
 160.0   -1.50   -1.51   32.92   26.50   152.7   0.416   1441.9
 170.0   -1.52   -1.52   33.00   26.57   145.9   0.431   1442.2
 180.0   -1.52   -1.52   33.10   26.66   138.1   0.445   1442.5
 190.0   -1.50   -1.50   33.21   26.74   129.8   0.459   1442.9
 200.0   -1.48   -1.48   33.33   26.84   120.6   0.471   1443.3
 210.0   -1.41   -1.41   33.46   26.94   110.9   0.483   1444.0
 220.0   -1.29   -1.30   33.64   27.08    97.9   0.493   1444.9
 230.0   -1.16   -1.16   33.83   27.24    83.2   0.503   1446.0
 240.0   -0.99   -1.00   34.01   27.37    70.4   0.510   1447.2
 250.0   -0.81   -0.82   34.18   27.50    58.3   0.517   1448.4
 260.0   -0.68   -0.69   34.28   27.57    51.5   0.522   1449.4
 270.0   -0.54   -0.54   34.37   27.64    45.2   0.527   1450.3
 280.0   -0.41   -0.42   34.44   27.70    40.1   0.532   1451.2
 290.0   -0.28   -0.30   34.51   27.75    35.3   0.535   1452.0
 300.0   -0.16   -0.18   34.57   27.78    32.0   0.539   1452.8
 310.0   -0.09   -0.10   34.61   27.82    29.1   0.542   1453.4
 320.0   -0.03   -0.04   34.64   27.84    26.9   0.545   1453.9
 330.0    0.05    0.03   34.67   27.86    25.0   0.547   1454.4
 340.0    0.10    0.09   34.70   27.88    23.4   0.550   1454.9
 350.0    0.15    0.13   34.72   27.89    21.9   0.552   1455.3
 370.0    0.22    0.20   34.75   27.92    19.9   0.556   1456.0
 390.0    0.28    0.26   34.78   27.93    18.5   0.560   1456.6
 410.0    0.32    0.31   34.80   27.95    17.3   0.564   1457.2
 430.0    0.36    0.34   34.81   27.95    16.5   0.567   1457.7
 450.0    0.39    0.37   34.82   27.96    16.1   0.570   1458.2
 470.0    0.42    0.39   34.83   27.97    15.3   0.574   1458.6
 490.0    0.43    0.41   34.84   27.97    14.8   0.577   1459.1
 510.0    0.44    0.42   34.85   27.98    14.5   0.580   1459.5
 530.0    0.44    0.42   34.85   27.98    14.2   0.582   1459.8
 550.0    0.43    0.41   34.86   27.99    13.8   0.585   1460.1
 570.0    0.42    0.39   34.86   27.99    13.4   0.588   1460.4
 590.0    0.40    0.37   34.86   27.99    13.0   0.591   1460.6
 610.0    0.38    0.35   34.87   28.00    12.6   0.593   1460.8
 630.0    0.36    0.33   34.87   28.00    12.2   0.596   1461.1
 650.0    0.33    0.30   34.87   28.01    11.9   0.598   1461.3
 670.0    0.31    0.28   34.87   28.01    11.6   0.601   1461.5
 690.0    0.27    0.24   34.88   28.01    11.2   0.603   1461.7
 710.0    0.25    0.22   34.88   28.01    11.0   0.605   1461.9
 727.7    0.22    0.19   34.88   28.02    10.5   0.607   1462.1

                       DEPTH       TEMP.       SALIN

     BOT NUM = 1         4.6       -1.46       30.43
     BOT NUM = 2        40.7                   30.49
     BOT NUM = 3       246.9       -0.78       34.20
     BOT NUM = 4       497.4        0.44       34.83
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BIG BEAR STATION 311(1) STD  23/JUN/1975 1700 GMT  CODE = 2
LAT = 76.4491N LNG = 149.6162W LTER =     1, LGER =    2,
AIR TEMP =  -0.2 BAROM = 1002.8 WIND =  60.5 SPEED =  50.1

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.61   -1.61   30.45   24.51   343.6   0.000   1435.3
   5.0   -1.61   -1.61   30.45   24.51   343.5   0.017   1435.4
   5.2   -1.61   -1.61   30.45   24.51   343.5   0.018   1435.4
  10.0   -1.61   -1.61   30.45   24.51   343.3   0.035   1435.5
  15.0   -1.61   -1.61   30.45   24.51   343.2   0.052   1435.6
  20.0   -1.61   -1.61   30.45   24.51   343.2   0.069   1435.7
  25.0   -1.60   -1.60   30.45   24.51   343.1   0.086   1435.8
  30.0   -1.60   -1.60   30.45   24.51   342.9   0.104   1435.8
  35.0   -1.61   -1.61   30.46   24.52   342.4   0.121   1435.9
  40.0   -1.62   -1.62   30.46   24.52   341.8   0.138   1436.0
  45.0   -1.63   -1.63   30.47   24.53   341.1   0.155   1436.0
  50.0   -1.63   -1.63   30.48   24.53   340.5   0.173   1436.1
  55.0   -1.62   -1.62   30.48   24.54   340.1   0.190   1436.2
  60.0   -1.15   -1.15   31.13   25.05   291.4   0.206   1439.5
  65.0   -1.05   -1.05   31.42   25.28   269.2   0.220   1440.4
  70.0   -1.02   -1.02   31.66   25.47   250.9   0.233   1441.0
  80.0   -1.16   -1.16   31.95   25.71   228.0   0.257   1440.9
  90.0   -1.26   -1.26   32.16   25.89   211.6   0.279   1440.9
 100.0   -1.33   -1.33   32.31   26.01   199.6   0.300   1440.9
 110.0   -1.38   -1.39   32.47   26.14   187.9   0.319   1441.0
 120.0   -1.43   -1.43   32.58   26.23   178.7   0.338   1441.2
 130.0   -1.45   -1.46   32.68   26.31   171.0   0.356   1441.3
 140.0   -1.48   -1.48   32.79   26.40   162.8   0.372   1441.5
 150.0   -1.50   -1.51   32.87   26.47   155.9   0.388   1441.7
 160.0   -1.52   -1.52   32.97   26.55   148.2   0.404   1441.9
 170.0   -1.53   -1.53   33.06   26.62   141.6   0.418   1442.2
 180.0   -1.51   -1.52   33.15   26.69   134.4   0.432   1442.5
 190.0   -1.51   -1.51   33.26   26.78   126.4   0.446   1442.9
 200.0   -1.46   -1.46   33.39   26.88   116.3   0.458   1443.5
 210.0   -1.38   -1.38   33.52   26.99   106.2   0.469   1444.2
 220.0   -1.26   -1.26   33.68   27.11    94.7   0.479   1445.2
 230.0   -1.08   -1.08   33.91   27.29    77.7   0.488   1446.5
 240.0   -0.91   -0.91   34.10   27.44    64.0   0.495   1447.7
 250.0   -0.75   -0.76   34.22   27.54    55.1   0.501   1448.8
 260.0   -0.60   -0.61   34.33   27.62    47.5   0.506   1449.8
 270.0   -0.45   -0.46   34.41   27.68    42.1   0.511   1450.8
 280.0   -0.35   -0.36   34.48   27.73    37.2   0.515   1451.5
 290.0   -0.21   -0.22   34.54   27.77    33.4   0.518   1452.4
 300.0   -0.13   -0.14   34.59   27.80    30.2   0.522   1453.0
 310.0   -0.06   -0.07   34.63   27.83    27.1   0.524   1453.6
 320.0    0.01    0.00   34.66   27.85    25.7   0.527   1454.1
 330.0    0.07    0.05   34.69   27.87    24.2   0.530   1454.5
 340.0    0.12    0.10   34.71   27.88    22.9   0.532   1455.0
 350.0    0.16    0.15   34.73   27.90    21.5   0.534   1455.4
 370.0    0.24    0.22   34.77   27.92    19.2   0.538   1456.1
 390.0    0.29    0.27   34.79   27.94    17.9   0.542   1456.7
 410.0    0.34    0.32   34.80   27.95    17.3   0.546   1457.2
 430.0    0.37    0.35   34.81   27.96    16.5   0.549   1457.7
 450.0    0.40    0.38   34.82   27.96    15.8   0.552   1458.2
 470.0    0.42    0.39   34.84   27.97    15.1   0.555   1458.6
 490.0    0.43    0.41   34.84   27.98    14.7   0.558   1459.1
 510.0    0.44    0.42   34.85   27.98    14.4   0.561   1459.4
 530.0    0.44    0.42   34.85   27.98    14.2   0.564   1459.8
 550.0    0.43    0.41   34.86   27.99    13.7   0.567   1460.1
 570.0    0.42    0.39   34.86   27.99    13.1   0.570   1460.3
 590.0    0.39    0.37   34.86   27.99    13.1   0.572   1460.6
 610.0    0.37    0.34   34.86   28.00    12.7   0.575   1460.8
 630.0    0.35    0.32   34.87   28.00    12.4   0.578   1461.0
 650.0    0.32    0.29   34.87   28.00    12.0   0.580   1461.3
 670.0    0.30    0.27   34.87   28.01    11.6   0.582   1461.5
 690.0    0.27    0.24   34.87   28.01    11.5   0.585   1461.7
 710.0    0.25    0.22   34.88   28.01    10.9   0.587   1461.9
 728.7    0.23    0.19   34.88   28.02    10.8   0.589   1462.1

                       DEPTH       TEMP.       SALIN

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     BOT NUM = 4       499.5        0.44       34.83
     BOT NUM = 5       729.4        0.23       34.87
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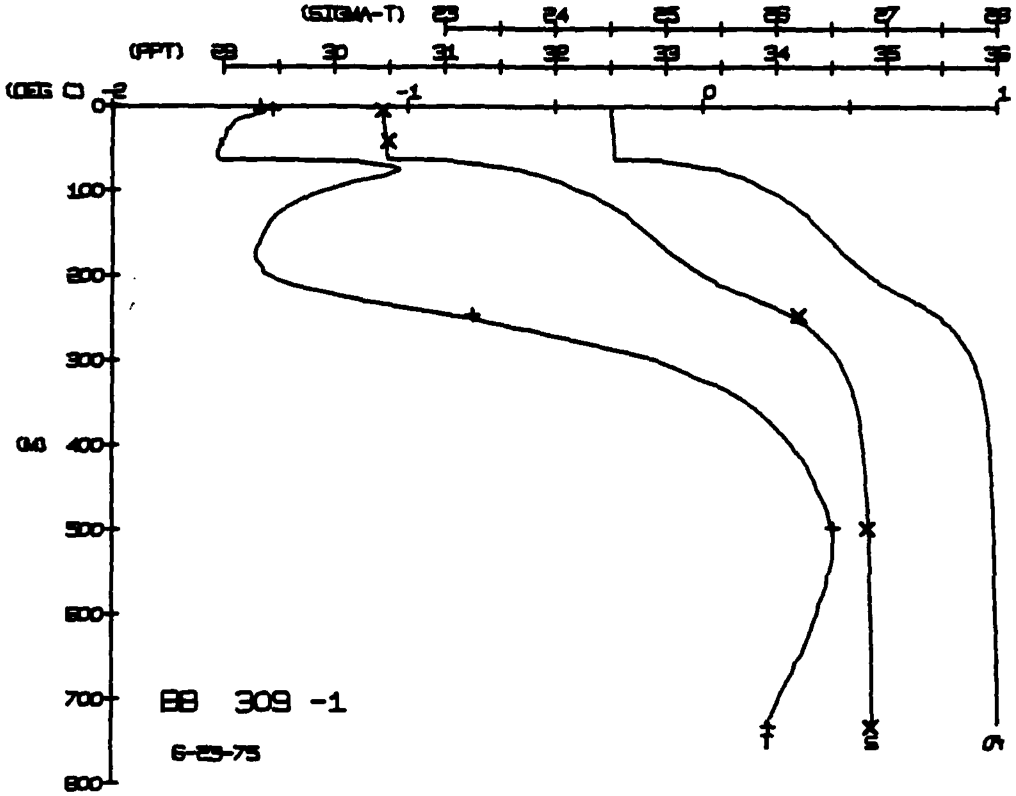
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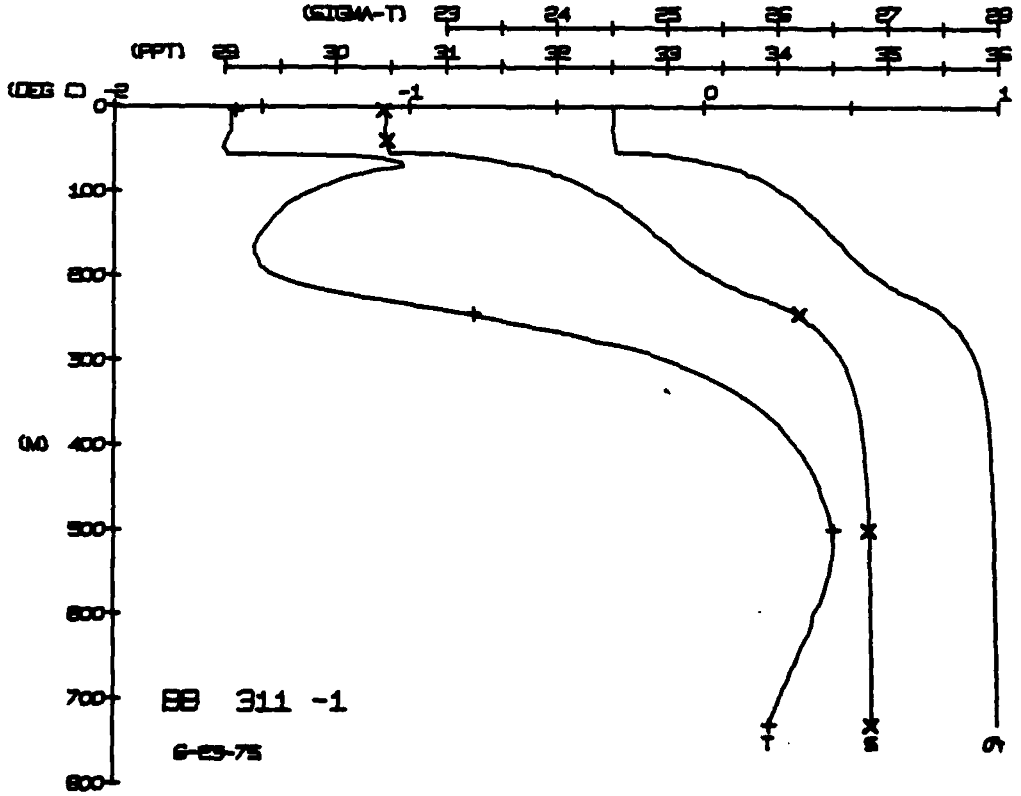
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(M)
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σt

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BIG BEAR STATION 331(1) STD  24/JUN/1975  500 GMT  CODE = 2
LAT = 76.4510N LNG = 149.7016W LTER =     1. LGEN =      1.
AIR TEMP =  -0.2 BAROM = 1000.4 WIND =  60.5 SPEED =  50.3

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.59   -1.59   30.43   24.49   345.1   0.000   1435.4
   4.0   -1.59   -1.59   30.43   24.49   345.0   0.017   1435.5
   5.0   -1.59   -1.59   30.43   24.49   345.0   0.017   1435.5
  10.0   -1.59   -1.59   30.43   24.49   344.7   0.035   1435.5
  15.0   -1.60   -1.60   30.44   24.50   344.2   0.052   1435.6
  20.0   -1.61   -1.61   30.44   24.50   343.7   0.069   1435.7
  25.0   -1.61   -1.61   30.45   24.51   343.0   0.087   1435.8
  30.0   -1.61   -1.61   30.46   24.52   342.3   0.104   1435.8
  35.0   -1.61   -1.61   30.47   24.52   341.6   0.121   1435.9
  40.0   -1.62   -1.63   30.48   24.54   340.4   0.138   1436.0
  45.0   -1.63   -1.63   30.49   24.54   339.8   0.155   1436.0
  50.0   -1.64   -1.64   30.49   24.55   339.3   0.173   1436.1
  55.0   -1.64   -1.64   30.50   24.55   338.7   0.190   1436.1
  60.0   -1.56   -1.57   30.94   24.91   304.6   0.206   1437.2
  65.0   -1.09   -1.09   31.31   25.20   277.4   0.221   1440.1
  70.0   -1.03   -1.03   31.54   25.38   259.7   0.234   1440.8
  80.0   -1.09   -1.09   31.95   25.71   228.3   0.259   1441.2
  90.0   -1.22   -1.23   32.18   25.90   210.6   0.281   1441.1
 100.0   -1.30   -1.31   32.32   26.02   199.2   0.301   1441.0
 110.0   -1.37   -1.37   32.49   26.16   185.8   0.321   1441.1
 120.0   -1.42   -1.43   32.62   26.26   175.8   0.339   1441.2
 130.0   -1.45   -1.45   32.74   26.36   166.8   0.356   1441.4
 140.0   -1.48   -1.48   32.84   26.44   158.8   0.373   1441.6
 150.0   -1.50   -1.50   32.94   26.52   151.0   0.388   1441.8
 160.0   -1.50   -1.51   33.05   26.61   142.5   0.403   1442.1
 170.0   -1.53   -1.53   33.13   26.67   136.4   0.417   1442.3
 180.0   -1.52   -1.53   33.24   26.76   127.7   0.431   1442.6
 190.0   -1.52   -1.52   33.33   26.84   120.6   0.443   1443.0
 200.0   -1.48   -1.49   33.45   26.93   111.6   0.455   1443.4
 210.0   -1.41   -1.41   33.59   27.05   100.7   0.466   1444.2
 220.0   -1.31   -1.32   33.77   27.19    87.3   0.475   1445.0
 230.0   -1.18   -1.18   33.97   27.34    73.0   0.483   1446.1
 240.0   -1.01   -1.02   34.14   27.48    60.5   0.490   1447.3
 250.0   -0.80   -0.80   34.22   27.54    55.0   0.496   1448.6
 260.0   -0.62   -0.62   34.31   27.60    49.0   0.501   1449.7
 270.0   -0.49   -0.50   34.40   27.67    42.8   0.506   1450.6
 280.0   -0.39   -0.40   34.47   27.72    38.1   0.510   1451.3
 290.0   -0.27   -0.28   34.52   27.76    34.5   0.513   1452.1
 300.0   -0.16   -0.17   34.57   27.79    31.4   0.517   1452.8
 310.0   -0.08   -0.09   34.61   27.82    29.0   0.520   1453.4
 320.0    0.00   -0.01   34.64   27.84    26.9   0.523   1454.0
 330.0    0.06    0.04   34.68   27.86    24.9   0.525   1454.5
 340.0    0.11    0.09   34.70   27.88    23.1   0.528   1454.9
 350.0    0.15    0.14   34.73   27.90    21.6   0.530   1455.3
 370.0    0.23    0.22   34.75   27.91    20.2   0.534   1456.0
 390.0    0.29    0.27   34.78   27.93    18.5   0.538   1456.6
 410.0    0.34    0.32   34.80   27.95    17.2   0.542   1457.2
 430.0    0.38    0.36   34.81   27.96    16.5   0.545   1457.8
 450.0    0.40    0.38   34.82   27.96    15.8   0.548   1458.2
 470.0    0.43    0.41   34.83   27.97    15.3   0.551   1458.7
 490.0    0.44    0.42   34.84   27.98    14.7   0.555   1459.1
 510.0    0.44    0.42   34.85   27.98    14.3   0.557   1459.5
 530.0    0.45    0.42   34.86   27.98    13.9   0.560   1459.8
 550.0    0.44    0.41   34.86   27.99    13.7   0.563   1460.1
 570.0    0.42    0.39   34.86   27.99    13.3   0.566   1460.4
 590.0    0.40    0.38   34.86   27.99    13.0   0.568   1460.6
 610.0    0.38    0.35   34.87   28.00    12.6   0.571   1460.9
 630.0    0.35    0.32   34.87   28.00    12.3   0.574   1461.1
 650.0    0.33    0.30   34.87   28.00    11.9   0.576   1461.3
 670.0    0.30    0.27   34.88   28.01    11.5   0.578   1461.5
 690.0    0.28    0.25   34.88   28.01    11.4   0.581   1461.7
 710.0    0.25    0.22   34.88   28.01    11.0   0.583   1461.9

                         DEPTH      TEMP.      SALIN

      BOT NUM = 1         40.2                 30.48
      BOT NUM = 2        249.1      -0.80      34.20
      BOT NUM = 3        497.7       0.43      34.84
      BOT NUM = 4        728.1       0.24      34.86
```

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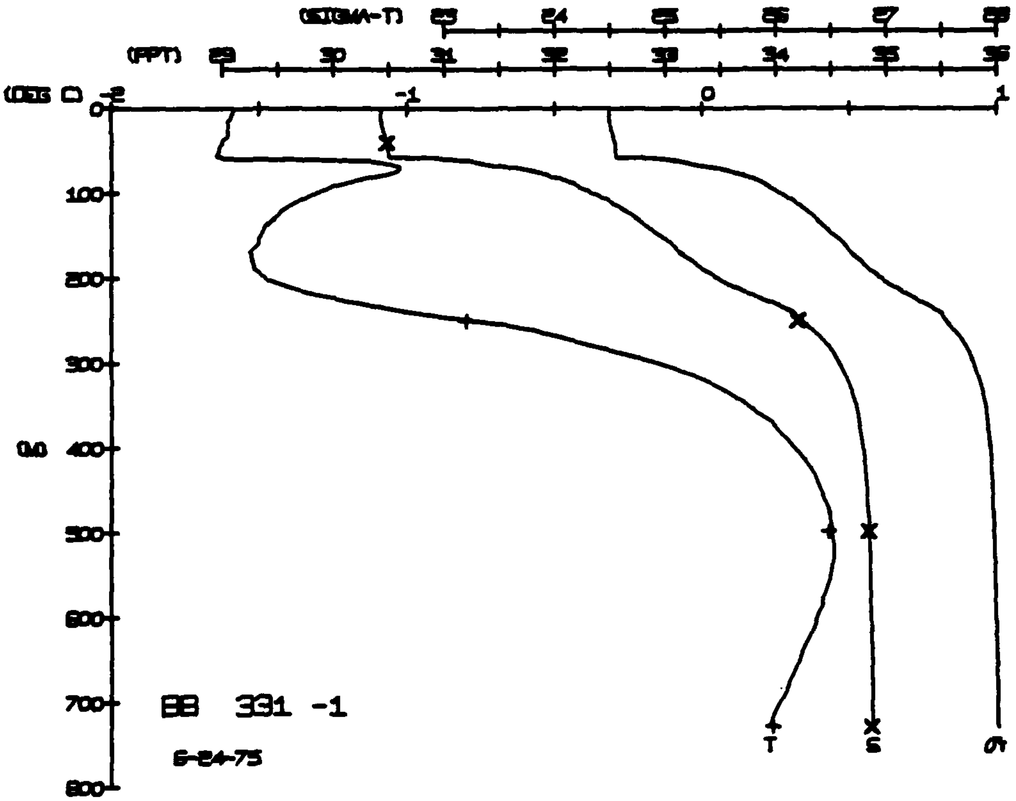
BIG BEAR STATION 333(1) STD  24/JUN/1975 1700 GMT  CODE = 2
LAT = 76.4443N LNG = 149.7146W LTER =     1. LGEN =      2.
AIR TEMP =   0.3 BAROM = 1003.4 WIND = 316.0 SPEED =  22.3

DEPTH     TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.61   -1.61   30.40   24.47   347.2   0.000   1435.3
   5.0   -1.61   -1.61   30.40   24.47   347.1   0.017   1435.3
   5.0   -1.61   -1.61   30.40   24.47   347.1   0.017   1435.3
  10.0   -1.61   -1.61   30.41   24.47   346.7   0.035   1435.4
  15.0   -1.61   -1.61   30.41   24.48   346.2   0.052   1435.5
  20.0   -1.61   -1.61   30.41   24.48   345.9   0.070   1435.6
  25.0   -1.61   -1.61   30.42   24.49   345.4   0.087   1435.7
  30.0   -1.62   -1.62   30.43   24.49   344.7   0.105   1435.8
  35.0   -1.63   -1.63   30.44   24.50   344.0   0.122   1435.8
  40.0   -1.63   -1.63   30.44   24.50   343.4   0.139   1435.9
  45.0   -1.63   -1.63   30.45   24.51   342.8   0.157   1436.0
  50.0   -1.64   -1.64   30.45   24.51   342.6   0.174   1436.0
  55.0   -1.64   -1.64   30.46   24.52   341.9   0.191   1436.1
  60.0   -1.34   -1.35   31.08   25.01   294.9   0.207   1438.5
  65.0   -1.10   -1.10   31.30   25.19   278.4   0.222   1440.0
  70.0   -1.05   -1.05   31.51   25.36   262.3   0.235   1440.6
  80.0   -1.11   -1.11   31.91   25.69   231.6   0.260   1441.0
  90.0   -1.22   -1.22   32.11   25.84   215.9   0.283   1441.0
 100.0   -1.31   -1.31   32.28   25.99   202.1   0.304   1441.0
 110.0   -1.38   -1.38   32.44   26.11   190.1   0.323   1441.0
 120.0   -1.43   -1.43   32.56   26.22   180.2   0.342   1441.1
 130.0   -1.46   -1.46   32.67   26.30   171.9   0.360   1441.3
 140.0   -1.49   -1.49   32.77   26.38   164.2   0.377   1441.5
 150.0   -1.51   -1.51   32.86   26.46   156.7   0.393   1441.7
 160.0   -1.52   -1.53   32.95   26.53   149.8   0.408   1441.9
 170.0   -1.54   -1.54   33.05   26.61   142.3   0.423   1442.1
 180.0   -1.53   -1.54   33.14   26.68   135.3   0.437   1442.4
 190.0   -1.51   -1.52   33.26   26.78   126.2   0.450   1442.9
 200.0   -1.47   -1.48   33.39   26.89   116.2   0.463   1443.4
 210.0   -1.41   -1.42   33.53   27.00   105.4   0.474   1444.1
 220.0   -1.30   -1.30   33.71   27.14    92.2   0.484   1445.0
 230.0   -1.14   -1.15   33.91   27.29    77.7   0.492   1446.2
 240.0   -0.97   -0.98   34.09   27.43    64.7   0.500   1447.4
 250.0   -0.78   -0.79   34.24   27.55    53.9   0.506   1448.7
 260.0   -0.61   -0.62   34.35   27.63    46.4   0.511   1449.8
 270.0   -0.47   -0.48   34.42   27.68    41.3   0.515   1450.7
 280.0   -0.38   -0.39   34.49   27.73    36.6   0.519   1451.4
 290.0   -0.28   -0.29   34.55   27.78    32.5   0.523   1452.1
 300.0   -0.16   -0.17   34.60   27.81    29.3   0.526   1452.9
 310.0   -0.08   -0.09   34.64   27.84    26.6   0.528   1453.5
 320.0   -0.01   -0.02   34.68   27.87    24.4   0.531   1454.0
 330.0    0.06    0.05   34.71   27.89    22.5   0.533   1454.5
 340.0    0.11    0.10   34.73   27.90    21.2   0.536   1455.0
 350.0    0.15    0.14   34.75   27.92    20.0   0.538   1455.3
 370.0    0.22    0.20   34.78   27.94    18.1   0.542   1456.0
 390.0    0.28    0.26   34.80   27.95    16.8   0.545   1456.6
 410.0    0.33    0.31   34.82   27.96    16.0   0.548   1457.2
 430.0    0.36    0.34   34.82   27.96    15.8   0.552   1457.7
 450.0    0.39    0.37   34.83   27.97    15.3   0.555   1458.7
 470.0    0.41    0.39   34.84   27.97    15.0   0.558   1458.6
 490.0    0.42    0.40   34.85   27.98    14.4   0.561   1459.0
 510.0    0.43    0.41   34.85   27.98    14.1   0.564   1459.4
 530.0    0.43    0.41   34.85   27.98    13.9   0.566   1459.7
 550.0    0.42    0.40   34.85   27.99    13.9   0.569   1460.0
 570.0    0.41    0.38   34.85   27.98    14.1   0.572   1460.3
 590.0    0.39    0.37   34.85   27.98    14.1   0.575   1460.6
 610.0    0.38    0.35   34.85   27.99    13.8   0.578   1460.8
 630.0    0.35    0.33   34.85   27.99    13.5   0.581   1461.0
 650.0    0.32    0.30   34.85   27.99    13.2   0.583   1461.2
 670.0    0.29    0.26   34.86   28.00    12.7   0.586   1461.4
 690.0    0.26    0.23   34.86   28.00    12.3   0.588   1461.7
 710.0    0.24    0.20   34.87   28.01    11.8   0.591   1461.9

                         DEPTH      TEMP.      SALIN

      BOT NUM = 1          5.0      -1.60      30.41
      BOT NUM = 2         41.2                 30.47
      BOT NUM = 3        249.3      -0.77      34.20
      BOT NUM = 4        500.1       0.43      34.83
      BOT NUM = 5        729.4       0.24      34.87
```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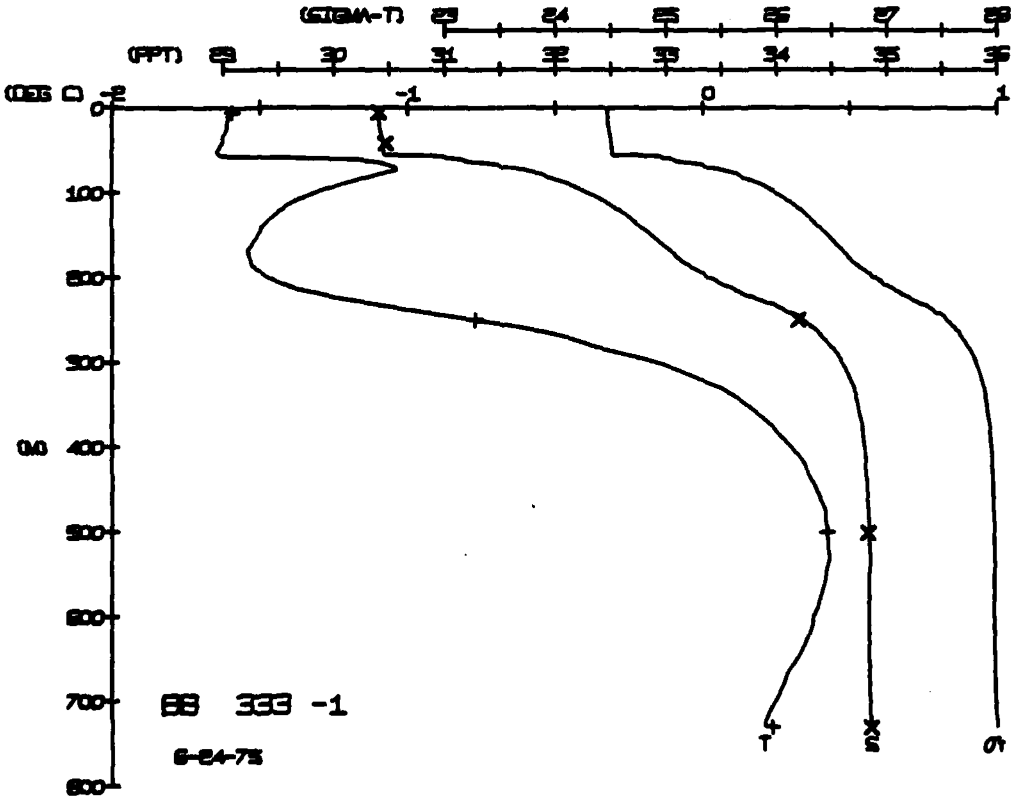
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6-24-75
T
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BIG BEAR STATION 335(1) STD  25/JUN/1975  500 GMT  CODE = 2
LAT = 76.4261N LNG = 149.6922W LTER =        0. LGER =        0.
AIR TEMP =    0.3 BAROM = 1005.5 WIND = 316.0 SPEED =  22.3

 DEPTH    TEMP  PTEMP  SALIN   SIG T  SPVOL  DYNHT  SOUND

   0.0   -1.59  -1.59  30.42   24.49  345.7  0.000  1435.4
   3.4   -1.59  -1.59  30.42   24.49  345.7  0.012  1435.4
   5.0   -1.58  -1.58  30.42   24.49  345.4  0.017  1435.5
  10.0   -1.58  -1.58  30.43   24.49  344.9  0.035  1435.6
  15.0   -1.58  -1.58  30.43   24.50  344.4  0.052  1435.7
  20.0   -1.58  -1.58  30.44   24.50  343.8  0.069  1435.8
  25.0   -1.58  -1.58  30.45   24.51  343.2  0.087  1435.9
  30.0   -1.59  -1.59  30.46   24.52  342.2  0.104  1435.9
  35.0   -1.60  -1.60  30.47   24.53  341.4  0.121  1436.0
  40.0   -1.60  -1.60  30.48   24.53  340.7  0.138  1436.1
  45.0   -1.60  -1.60  30.48   24.54  340.2  0.156  1436.1
  50.0   -1.61  -1.62  30.49   24.54  339.5  0.173  1436.2
  55.0   -1.62  -1.62  30.50   24.55  338.8  0.190  1436.3
  60.0   -1.62  -1.62  30.63   24.66  328.7  0.207  1436.5
  65.0   -1.15  -1.15  31.23   25.13  283.4  0.222  1439.7
  70.0   -1.04  -1.04  31.50   25.35  263.1  0.236  1440.6
  80.0   -1.05  -1.05  31.88   25.65  234.3  0.261  1441.3
  90.0   -1.17  -1.17  32.14   25.86  213.8  0.283  1441.3
 100.0   -1.27  -1.27  32.31   26.01  200.0  0.304  1441.2
 110.0   -1.35  -1.35  32.46   26.13  188.7  0.324  1441.2
 120.0   -1.39  -1.39  32.59   26.24  178.0  0.342  1441.3
 130.0   -1.43  -1.43  32.71   26.33  168.9  0.360  1441.5
 140.0   -1.45  -1.46  32.82   26.43  160.0  0.376  1441.7
 150.0   -1.47  -1.47  32.94   26.52  151.1  0.392  1442.0
 160.0   -1.50  -1.50  33.04   26.60  143.3  0.407  1442.1
 170.0   -1.51  -1.52  33.13   26.68  136.2  0.421  1442.4
 180.0   -1.51  -1.51  33.23   26.75  128.7  0.434  1442.7
 190.0   -1.49  -1.50  33.34   26.84  120.4  0.447  1443.1
 200.0   -1.45  -1.46  33.47   26.95  110.2  0.459  1443.6
 210.0   -1.41  -1.41  33.61   27.06   99.7  0.469  1444.2
 220.0   -1.29  -1.30  33.79   27.21   85.8  0.479  1445.2
 230.0   -1.16  -1.17  33.97   27.35   72.5  0.487  1446.2
 240.0   -0.99  -0.99  34.17   27.50   57.9  0.493  1447.5
 250.0   -0.78  -0.78  34.29   27.59   50.3  0.499  1448.8
 260.0   -0.60  -0.61  34.37   27.65   44.7  0.503  1449.8
 270.0   -0.47  -0.48  34.43   27.69   40.9  0.508  1450.7
 280.0   -0.36  -0.37  34.49   27.73   36.6  0.512  1451.5
 290.0   -0.24  -0.25  34.55   27.77   32.9  0.515  1452.3
 300.0   -0.15  -0.16  34.60   27.81   29.8  0.518  1452.9
 310.0   -0.06  -0.08  34.63   27.83   27.5  0.521  1453.5
 320.0    0.00  -0.01  34.67   27.86   25.2  0.524  1454.0
 330.0    0.06   0.05  34.70   27.88   23.3  0.526  1454.5
 340.0    0.12   0.11  34.72   27.90   21.8  0.529  1455.0
 350.0    0.16   0.15  34.74   27.91   20.7  0.531  1455.4
 370.0    0.24   0.22  34.77   27.93   18.8  0.535  1456.1
 390.0    0.30   0.28  34.79   27.94   17.5  0.538  1456.7
 410.0    0.34   0.32  34.81   27.95   16.6  0.542  1457.3
 430.0    0.37   0.35  34.82   27.96   15.9  0.545  1457.8
 450.0    0.40   0.38  34.83   27.97   15.5  0.548  1458.2
 470.0    0.43   0.40  34.84   27.97   15.2  0.551  1458.7
 490.0    0.44   0.42  34.84   27.98   14.8  0.555  1459.1
 510.0    0.45   0.42  34.85   27.98   14.6  0.557  1459.5
 530.0    0.44   0.42  34.85   27.98   14.4  0.560  1459.8
 550.0    0.44   0.41  34.85   27.98   14.1  0.563  1460.1
 570.0    0.42   0.40  34.85   27.99   13.8  0.566  1460.4
 590.0    0.41   0.38  34.85   27.99   13.7  0.569  1460.6
 610.0    0.39   0.36  34.86   27.99   13.3  0.572  1460.9
 630.0    0.37   0.34  34.86   27.99   13.0  0.574  1461.1
 650.0    0.35   0.32  34.86   28.00   12.7  0.577  1461.4
 670.0    0.32   0.29  34.86   28.00   12.5  0.579  1461.6
 690.0    0.29   0.26  34.87   28.00   12.1  0.582  1461.8
 710.0    0.26   0.23  34.87   28.01   11.7  0.584  1462.0
 730.0    0.23   0.20  34.87   28.01   11.2  0.587  1462.2
 731.3    0.23   0.19  34.87   28.01   11.1  0.587  1462.2

                       DEPTH      TEMP.      SALIN

     HUT NUM = 1         2.6      -1.58      30.42
     HUT NUM = 2        41.2                 30.48
     HUT NUM = 3       501.5       0.44      34.87
     HUT NUM = 4       729.6       0.22      34.86
```

```
BIG BEAR STATION 337(1) STD  25/JUN/1975 1700 GMT  CODE = 2
LAT = 76.4128N LNG = 149.5627W LTER =        0. LGER =        0.
AIR TEMP =   -0.1 BAROM = 1009.6 WIND = 237.9 SPEED =  54.5

DEPTH    TEMP  PTEMP  SALIN   SIG T  SPVOL  DYNHT  SOUND

  0.0   -1.62  -1.62  30.44   24.51  343.7  0.000  1435.3
  3.9   -1.62  -1.62  30.44   24.51  343.7  0.014  1435.4
  5.0   -1.62  -1.62  30.45   24.51  343.6  0.017  1435.4
 10.0   -1.61  -1.61  30.44   24.50  343.7  0.035  1435.5
 15.0   -1.61  -1.61  30.45   24.51  343.5  0.052  1435.6
 20.0   -1.61  -1.61  30.45   24.51  342.8  0.069  1435.7
 25.0   -1.61  -1.61  30.46   24.52  342.0  0.086  1435.8
 30.0   -1.61  -1.61  30.47   24.53  341.5  0.104  1435.8
 35.0   -1.62  -1.62  30.48   24.53  340.8  0.121  1435.9
 40.0   -1.63  -1.63  30.49   24.54  340.1  0.138  1435.9
 45.0   -1.64  -1.64  30.49   24.54  339.6  0.155  1436.0
 50.0   -1.64  -1.64  30.50   24.55  339.1  0.172  1436.1
 55.0   -1.63  -1.63  30.51   24.56  338.3  0.189  1436.2
 60.0   -1.35  -1.35  31.03   24.98  298.3  0.205  1438.4
 65.0   -1.06  -1.06  31.40   25.27  270.9  0.220  1440.3
 70.0   -1.03  -1.03  31.61   25.44  254.6  0.233  1440.8
 80.0   -1.10  -1.10  31.92   25.69  230.6  0.257  1441.1
 90.0   -1.24  -1.24  32.15   25.88  212.2  0.280  1440.9
100.0   -1.32  -1.32  32.33   26.03  198.3  0.300  1441.0
110.0   -1.37  -1.38  32.47   26.14  187.6  0.320  1441.1
120.0   -1.41  -1.42  32.58   26.23  179.2  0.338  1441.2
130.0   -1.45  -1.45  32.68   26.31  170.8  0.356  1441.4
140.0   -1.48  -1.48  32.79   26.40  162.2  0.373  1441.5
150.0   -1.50  -1.50  32.89   26.48  154.6  0.389  1441.7
160.0   -1.51  -1.52  32.99   26.56  147.0  0.404  1442.0
170.0   -1.52  -1.53  33.08   26.64  140.0  0.418  1442.2
180.0   -1.52  -1.52  33.19   26.72  131.8  0.432  1442.6
190.0   -1.50  -1.50  33.31   26.82  122.6  0.445  1443.0
200.0   -1.46  -1.46  33.43   26.92  113.3  0.457  1443.5
210.0   -1.36  -1.37  33.58   27.04  101.7  0.468  1444.4
220.0   -1.23  -1.24  33.79   27.20   86.4  0.477  1445.4
230.0   -1.06  -1.07  34.00   27.37   70.6  0.485  1446.7
240.0   -0.91  -0.92  34.16   27.49   59.1  0.492  1447.8
250.0   -0.76  -0.76  34.26   27.57   52.2  0.497  1448.8
260.0   -0.58  -0.59  34.37   27.65   44.7  0.502  1450.0
270.0   -0.44  -0.45  34.45   27.71   39.2  0.506  1450.9
280.0   -0.34  -0.35  34.52   27.75   34.7  0.510  1451.6
290.0   -0.24  -0.25  34.57   27.79   31.6  0.514  1452.3
300.0   -0.14  -0.15  34.61   27.82   28.9  0.517  1453.0
310.0   -0.06  -0.07  34.65   27.84   26.5  0.519  1453.6
320.0    0.00  -0.01  34.68   27.87   24.3  0.522  1454.0
330.0    0.05   0.04  34.71   27.89   22.5  0.524  1454.5
340.0    0.12   0.10  34.73   27.90   21.1  0.526  1455.0
350.0    0.16   0.14  34.75   27.92   19.8  0.529  1455.4
370.0    0.23   0.21  34.78   27.94   18.2  0.532  1456.0
390.0    0.28   0.27  34.80   27.95   17.1  0.536  1456.7
410.0    0.34   0.32  34.81   27.96   16.2  0.539  1457.3
430.0    0.37   0.35  34.82   27.96   15.7  0.543  1457.7
450.0    0.39   0.37  34.83   27.97   15.2  0.546  1458.2
470.0    0.42   0.40  34.84   27.97   15.0  0.549  1458.7
490.0    0.43   0.41  34.84   27.98   14.7  0.552  1459.1
510.0    0.44   0.41  34.85   27.98   14.2  0.555  1459.4
530.0    0.43   0.41  34.86   27.99   13.8  0.557  1459.7
550.0    0.43   0.40  34.86   27.99   13.8  0.560  1460.0
570.0    0.41   0.39  34.86   27.99   13.4  0.563  1460.3
590.0    0.39   0.37  34.86   27.99   13.4  0.566  1460.6
610.0    0.37   0.34  34.86   27.99   13.0  0.568  1460.8
630.0    0.35   0.32  34.86   28.00   12.9  0.571  1461.0
650.0    0.32   0.29  34.86   28.00   12.5  0.574  1461.2
670.0    0.29   0.26  34.86   28.00   12.3  0.576  1461.5
690.0    0.27   0.24  34.87   28.01   11.7  0.578  1461.7
710.0    0.25   0.22  34.87   28.01   11.4  0.581  1461.9
727.3    0.22   0.19  34.87   28.01   11.2  0.583  1462.1

                       DEPTH      TEMP.      SALIN

     HUT NUM = 1         3.9      -1.61      30.42
     HUT NUM = 2        39.8                 30.50
     HUT NUM = 3       249.6      -0.76      34.21
     HUT NUM = 4       499.5       0.44      34.83
     HUT NUM = 5       730.1       0.23      34.90
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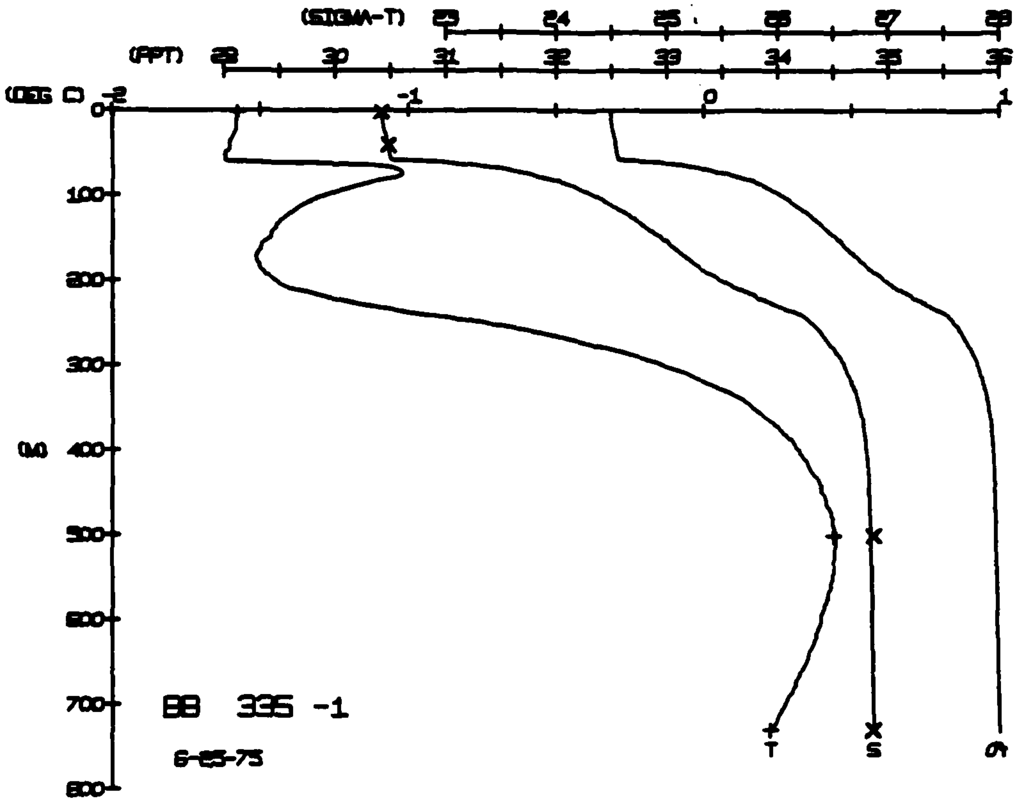
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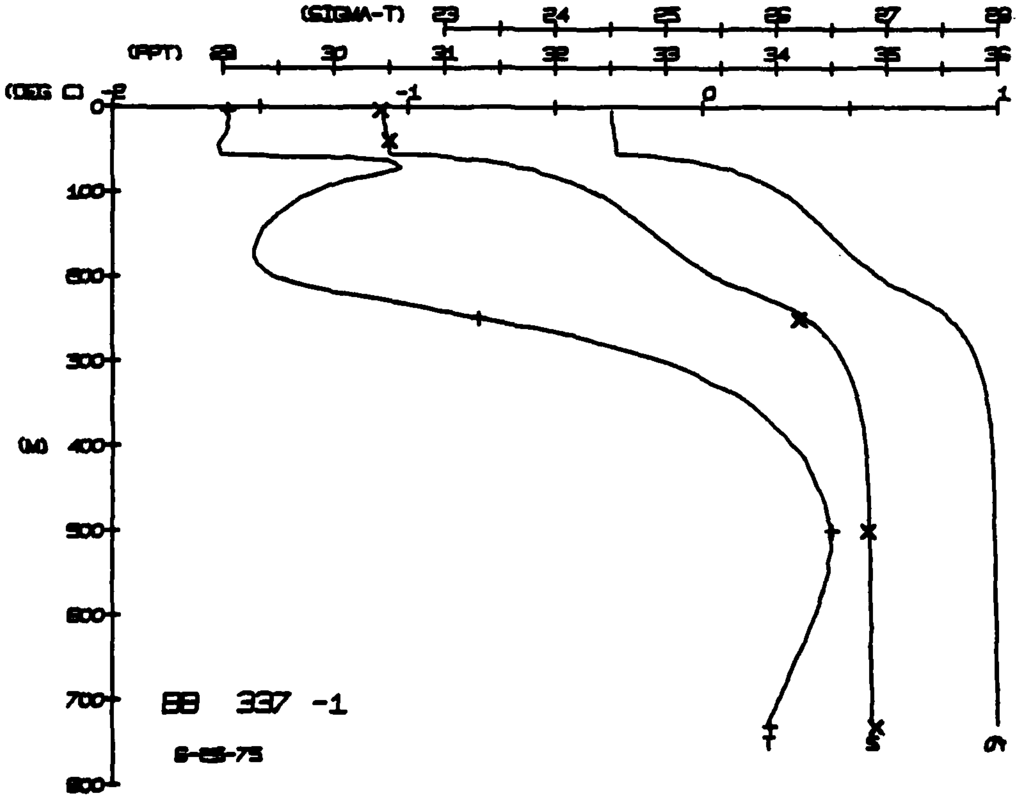
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(M) 0 100 200 300 400 500 600 700 800
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T
S
σt

```
BIG BEAR STATION 339(1) STD  26/JUN/1975  500 GMT  CODE = 2
LAT = 76.4065N LNG = 149.4063W LTEN =      0. LGER =      0.
AIR TEMP =  -0.1 BARUM = 1015.8 WIND = 237.9 SPEED =  54.5

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVUL  DYNHT  SOUND

   0.0   -1.58  -1.58  30.43  24.50  344.7  0.000  1435.4
   5.0   -1.58  -1.58  30.43  24.50  344.6  0.017  1435.5
   5.0   -1.58  -1.58  30.43  24.50  344.6  0.020  1435.5
  10.0   -1.58  -1.58  30.44  24.50  344.3  0.035  1435.6
  15.0   -1.58  -1.58  30.44  24.50  343.8  0.052  1435.7
  20.0   -1.59  -1.59  30.45  24.51  343.1  0.069  1435.8
  25.0   -1.60  -1.60  30.46  24.51  342.6  0.087  1435.8
  30.0   -1.61  -1.61  30.46  24.52  342.0  0.104  1435.8
  35.0   -1.62  -1.62  30.47  24.53  341.4  0.121  1435.9
  40.0   -1.62  -1.62  30.48  24.53  340.8  0.138  1436.0
  45.0   -1.63  -1.63  30.48  24.54  340.3  0.155  1436.0
  50.0   -1.64  -1.64  30.49  24.54  339.5  0.172  1436.1
  55.0   -1.63  -1.63  30.50  24.55  338.9  0.190  1436.2
  60.0   -1.58  -1.58  31.00  24.96  300.2  0.206  1437.2
  65.0   -1.12  -1.12  31.25  25.15  282.3  0.220  1439.8
  70.0   -1.08  -1.08  31.57  25.41  257.3  0.234  1440.6
  80.0   -1.10  -1.10  31.92  25.69  230.5  0.259  1441.1
  90.0   -1.23  -1.24  32.15  25.87  212.8  0.281  1441.0
 100.0   -1.32  -1.32  32.30  26.00  200.7  0.302  1441.0
 110.0   -1.38  -1.38  32.47  26.14  187.6  0.321  1441.1
 120.0   -1.43  -1.43  32.58  26.23  178.5  0.340  1441.1
 130.0   -1.46  -1.46  32.68  26.31  171.0  0.357  1441.3
 140.0   -1.48  -1.48  32.77  26.39  163.8  0.374  1441.5
 150.0   -1.50  -1.50  32.87  26.47  156.0  0.390  1441.7
 160.0   -1.52  -1.52  32.95  26.53  149.9  0.406  1441.9
 170.0   -1.53  -1.53  33.07  26.62  141.0  0.421  1442.2
 180.0   -1.52  -1.53  33.16  26.70  134.0  0.434  1442.5
 190.0   -1.51  -1.51  33.28  26.79  124.8  0.447  1442.9
 200.0   -1.49  -1.49  33.38  26.88  116.6  0.460  1443.3
 210.0   -1.42  -1.42  33.54  27.00  105.1  0.471  1444.0
 220.0   -1.29  -1.29  33.72  27.15   91.6  0.481  1445.1
 230.0   -1.13  -1.14  33.90  27.29   78.2  0.489  1446.2
 240.0   -0.98  -0.99  34.08  27.42   65.5  0.497  1447.4
 250.0   -0.79  -0.79  34.23  27.54   54.5  0.503  1448.6
 260.0   -0.59  -0.60  34.36  27.63   45.8  0.508  1449.9
 270.0   -0.45  -0.46  34.45  27.70   39.4  0.512  1450.8
 280.0   -0.34  -0.35  34.51  27.75   35.4  0.516  1451.6
 290.0   -0.23  -0.24  34.57  27.79   31.5  0.519  1452.3
 300.0   -0.13  -0.14  34.61  27.82   29.0  0.522  1453.0
 310.0   -0.05  -0.07  34.65  27.85   26.3  0.525  1453.6
 320.0    0.01   0.00  34.68  27.87   24.0  0.528  1454.1
 330.0    0.08   0.07  34.71  27.89   22.3  0.530  1454.6
 340.0    0.13   0.12  34.74  27.91   20.9  0.532  1455.1
 350.0    0.17   0.16  34.75  27.92   19.8  0.534  1455.4
 370.0    0.24   0.22  34.78  27.94   18.1  0.538  1456.1
 390.0    0.29   0.28  34.80  27.95   17.0  0.542  1456.7
 410.0    0.33   0.31  34.81  27.96   16.2  0.545  1457.2
 430.0    0.36   0.35  34.83  27.97   15.5  0.548  1457.7
 450.0    0.40   0.38  34.83  27.97   15.2  0.551  1458.2
 470.0    0.42   0.40  34.84  27.97   14.9  0.554  1458.7
 490.0    0.43   0.41  34.85  27.98   14.4  0.557  1459.1
 510.0    0.44   0.42  34.85  27.98   14.3  0.560  1459.4
 530.0    0.44   0.41  34.85  27.98   14.0  0.563  1459.8
 550.0    0.43   0.41  34.85  27.99   13.9  0.566  1460.1
 570.0    0.41   0.39  34.86  27.99   13.5  0.569  1460.3
 590.0    0.40   0.37  34.86  27.99   13.3  0.571  1460.6
 610.0    0.37   0.35  34.86  28.00   12.8  0.574  1460.8
 630.0    0.36   0.33  34.87  28.00   12.5  0.576  1461.1
 650.0    0.33   0.30  34.87  28.00   12.3  0.579  1461.3
 670.0    0.30   0.27  34.87  28.00   11.9  0.581  1461.5
 690.0    0.27   0.24  34.87  28.01   11.5  0.584  1461.7
 710.0    0.25   0.21  34.87  28.01   11.4  0.586  1461.9

                       DEPTH     TEMP.      SALIN

     HUT NUM = 1         4.2     -1.55      30.42
     HUT NUM = 2        40.5                30.49
     HUT NUM = 3       247.1     -0.78      34.19
     HUT NUM = 4       497.0      0.44      34.83
     HUT NUM = 5       716.4      0.25      34.86
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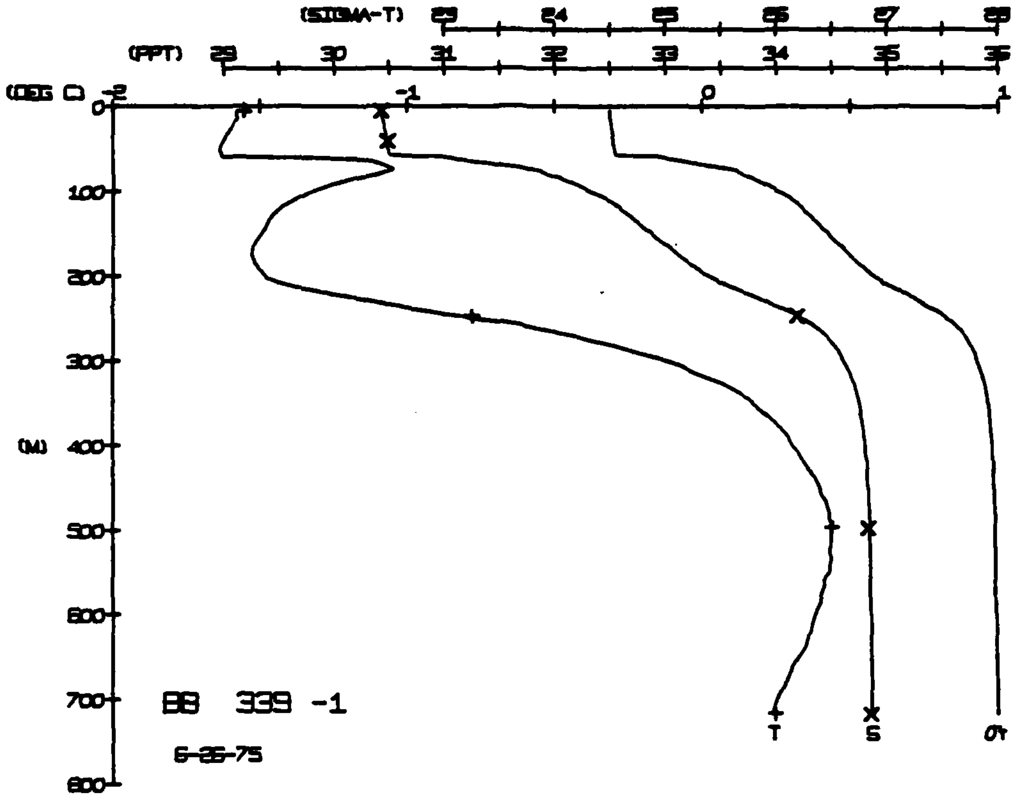
```
BIG BEAR STATION 341(1) STD  26/JUN/1975 1925 GMT  CODE = 2
LAT = 76.4163N LNG = 149.3615W LTER =      0. LGER =      0.
AIR TEMP =  -0.1 BARUM = 1017.9 WIND =  82.7 SPEED =  25.5

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0   -1.55  -1.55  30.41  24.47  346.8  0.000  1435.6
   3.0   -1.55  -1.55  30.41  24.47  346.8  0.013  1435.6
   5.0   -1.55  -1.55  30.41  24.47  346.7  0.017  1435.6
  10.0   -1.54  -1.54  30.41  24.48  346.1  0.035  1435.8
  15.0   -1.56  -1.56  30.43  24.50  344.5  0.052  1435.8
  20.0   -1.57  -1.57  30.44  24.50  344.0  0.070  1435.8
  25.0   -1.59  -1.59  30.44  24.50  343.5  0.087  1435.8
  30.0   -1.60  -1.60  30.45  24.51  342.9  0.104  1435.9
  35.0   -1.60  -1.60  30.46  24.51  342.5  0.121  1435.9
  40.0   -1.61  -1.61  30.46  24.52  342.1  0.139  1436.0
  45.0   -1.62  -1.62  30.46  24.52  341.7  0.156  1436.0
  50.0   -1.62  -1.62  30.47  24.52  341.4  0.173  1436.1
  55.0   -1.57  -1.57  30.85  24.83  312.3  0.190  1437.0
  60.0   -1.11  -1.12  31.24  25.14  283.2  0.205  1439.8
  65.0   -1.03  -1.04  31.51  25.35  262.7  0.218  1440.6
  70.0   -1.03  -1.03  31.74  25.54  244.5  0.231  1441.0
  80.0   -1.15  -1.15  32.01  25.76  223.6  0.255  1441.0
  90.0   -1.26  -1.26  32.18  25.90  210.6  0.277  1440.9
 100.0   -1.33  -1.33  32.30  26.00  200.7  0.297  1440.9
 110.0   -1.38  -1.38  32.44  26.11  190.1  0.317  1441.0
 120.0   -1.42  -1.43  32.55  26.20  181.3  0.336  1441.1
 130.0   -1.46  -1.46  32.63  26.27  174.6  0.354  1441.3
 140.0   -1.48  -1.48  32.73  26.35  167.1  0.371  1441.5
 150.0   -1.49  -1.49  32.83  26.43  159.4  0.387  1441.7
 160.0   -1.51  -1.52  32.91  26.50  153.2  0.403  1441.9
 170.0   -1.52  -1.52  33.02  26.59  144.7  0.418  1442.2
 180.0   -1.50  -1.50  33.14  26.68  135.3  0.432  1442.6
 190.0   -1.47  -1.48  33.24  26.76  127.9  0.446  1443.0
 200.0   -1.42  -1.43  33.38  26.88  117.2  0.458  1443.6
 210.0   -1.34  -1.34  33.52  26.99  106.5  0.469  1444.4
 220.0   -1.21  -1.21  33.72  27.14   92.1  0.479  1445.4
 230.0   -1.05  -1.06  33.91  27.29   77.7  0.488  1446.6
 240.0   -0.89  -0.89  34.06  27.41   66.9  0.495  1447.8
 250.0   -0.69  -0.70  34.20  27.52   57.0  0.501  1449.0
 260.0   -0.54  -0.55  34.30  27.59   50.2  0.507  1450.0
 270.0   -0.43  -0.44  34.38  27.64   45.1  0.512  1450.8
 280.0   -0.32  -0.33  34.43  27.69   41.2  0.516  1451.6
 290.0   -0.21  -0.22  34.49  27.73   37.2  0.520  1452.3
 300.0   -0.13  -0.14  34.54  27.76   34.1  0.524  1452.9
 310.0   -0.04  -0.05  34.58  27.79   31.7  0.527  1453.5
 320.0    0.03   0.02  34.62  27.81   29.3  0.530  1454.1
 330.0    0.09   0.08  34.65  27.84   27.4  0.533  1454.6
 340.0    0.14   0.12  34.67  27.85   25.8  0.536  1455.0
 350.0    0.18   0.16  34.69  27.87   24.4  0.538  1455.4
 370.0    0.25   0.23  34.73  27.89   22.2  0.543  1456.1
 390.0    0.30   0.29  34.75  27.91   20.4  0.547  1456.7
 410.0    0.35   0.33  34.78  27.93   19.0  0.551  1457.3
 430.0    0.38   0.36  34.80  27.94   17.8  0.555  1457.8
 450.0    0.41   0.39  34.81  27.95   16.7  0.558  1458.2
 470.0    0.43   0.41  34.83  27.97   15.7  0.562  1458.7
 490.0    0.44   0.42  34.84  27.97   14.8  0.565  1459.1
 510.0    0.46   0.43  34.86  27.99   13.9  0.568  1459.5
 530.0    0.45   0.43  34.87  27.99   13.2  0.570  1459.8
 550.0    0.44   0.42  34.87  28.00   12.5  0.573  1460.1
 570.0    0.42   0.39  34.88  28.00   12.0  0.575  1460.4
 590.0    0.40   0.37  34.89  28.01   11.3  0.578  1460.6
 610.0    0.37   0.35  34.89  28.01   11.1  0.580  1460.8
 630.0    0.36   0.33  34.89  28.02   10.8  0.582  1461.1
 650.0    0.33   0.30  34.89  28.02   10.7  0.584  1461.3
 670.0    0.31   0.28  34.89  28.02   10.7  0.587  1461.5
 690.0    0.28   0.25  34.88  28.02   10.8  0.589  1461.7
 710.0    0.25   0.22  34.88  28.01   11.1  0.591  1462.0

                       DEPTH     TEMP.      SALIN
```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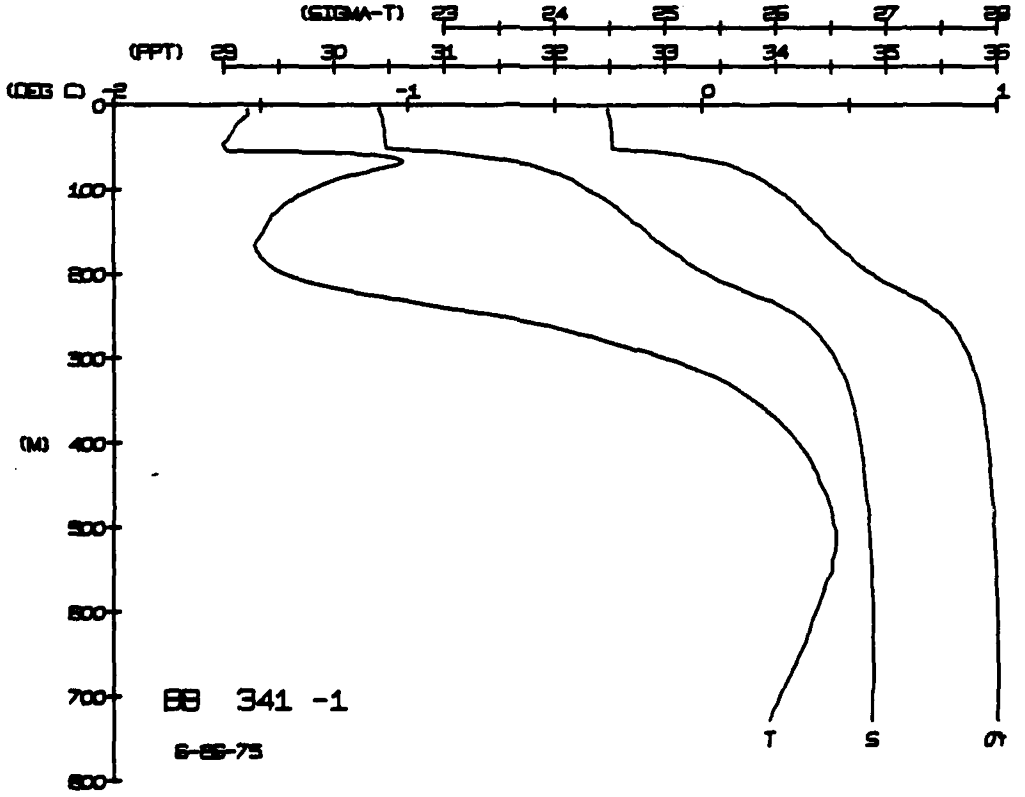
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BB 341 -1
6-26-75
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BIG BEAR STATION 342(1) STD  28/JUN/1975  500 GMT  CODE = 2
LAT = 76.4622N LNG = 149.3170W LTER =      8. LGER =     24.
AIR TEMP =  -0.1 BAROM = 1005.9 WIND =  82.7 SPEED =  25.5

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.57   -1.57   30.41   24.48   346.6   0.000   1435.4
   5.0   -1.57   -1.57   30.41   24.48   346.5   0.017   1435.5
   8.4   -1.57   -1.57   30.41   24.48   346.5   0.029   1435.6
  10.0   -1.57   -1.57   30.41   24.47   346.6   0.035   1435.6
  15.0   -1.57   -1.57   30.41   24.48   345.9   0.052   1435.7
  20.0   -1.57   -1.57   30.42   24.49   345.3   0.070   1435.8
  25.0   -1.58   -1.58   30.43   24.49   344.6   0.087   1435.9
  30.0   -1.59   -1.59   30.44   24.50   343.6   0.104   1435.9
  35.0   -1.60   -1.61   30.45   24.51   342.9   0.122   1435.9
  40.0   -1.60   -1.60   30.46   24.51   342.4   0.139   1436.0
  45.0   -1.60   -1.60   30.46   24.52   342.1   0.156   1436.1
  50.0   -1.59   -1.59   30.46   24.52   341.7   0.173   1436.2
  55.0   -1.59   -1.59   30.47   24.52   341.4   0.191   1436.4
  60.0   -1.59   -1.59   30.48   24.53   340.5   0.208   1436.4
  65.0   -1.31   -1.32   30.88   24.85   310.1   0.224   1438.4
  70.0   -1.13   -1.13   31.16   25.07   288.9   0.239   1439.7
  80.0   -1.02   -1.02   31.75   25.55   244.2   0.266   1441.3
  90.0   -1.12   -1.12   32.02   25.77   222.8   0.290   1441.3
 100.0   -1.24   -1.24   32.18   25.90   209.9   0.312   1441.1
 110.0   -1.32   -1.32   32.36   26.05   196.0   0.332   1441.2
 120.0   -1.38   -1.39   32.51   26.17   184.6   0.351   1441.3
 130.0   -1.42   -1.42   32.62   26.26   176.1   0.369   1441.4
 140.0   -1.45   -1.45   32.72   26.35   167.7   0.387   1441.6
 150.0   -1.47   -1.47   32.81   26.42   160.6   0.403   1441.8
 160.0   -1.49   -1.49   32.92   26.50   152.7   0.419   1442.0
 170.0   -1.50   -1.50   33.02   26.59   144.6   0.434   1442.3
 180.0   -1.50   -1.51   33.13   26.67   136.4   0.448   1442.6
 190.0   -1.48   -1.49   33.23   26.76   128.1   0.462   1443.0
 200.0   -1.46   -1.47   33.35   26.85   119.3   0.474   1443.4
 210.0   -1.41   -1.42   33.47   26.95   110.5   0.486   1444.0
 220.0   -1.30   -1.31   33.66   27.10    96.2   0.496   1444.9
 230.0   -1.17   -1.18   33.82   27.22    84.3   0.505   1445.9
 240.0   -1.03   -1.04   33.99   27.36    71.6   0.513   1447.0
 250.0   -0.84   -0.85   34.17   27.49    59.2   0.520   1448.3
 260.0   -0.69   -0.70   34.27   27.57    51.7   0.525   1449.3
 270.0   -0.53   -0.54   34.38   27.65    44.1   0.530   1450.4
 280.0   -0.41   -0.42   34.47   27.72    38.2   0.534   1451.2
 290.0   -0.30   -0.31   34.53   27.76    34.0   0.538   1452.0
 300.0   -0.19   -0.20   34.58   27.80    30.5   0.541   1452.7
 310.0   -0.10   -0.11   34.63   27.83    27.5   0.544   1453.3
 320.0   -0.01   -0.02   34.66   27.86    25.4   0.547   1454.0
 330.0    0.04    0.03   34.69   27.88    23.5   0.549   1454.4
 340.0    0.09    0.08   34.72   27.90    21.8   0.552   1454.8
 350.0    0.14    0.13   34.74   27.91    20.7   0.554   1455.3
 370.0    0.23    0.21   34.77   27.93    18.7   0.558   1456.0
 390.0    0.31    0.29   34.80   27.94    17.4   0.561   1456.8
 410.0    0.35    0.33   34.81   27.96    16.2   0.565   1457.3
 430.0    0.39    0.37   34.83   27.96    15.7   0.568   1457.9
 450.0    0.42    0.40   34.84   27.97    15.1   0.571   1458.3
 470.0    0.43    0.41   34.84   27.97    14.9   0.574   1458.7
 490.0    0.46    0.44   34.85   27.98    14.6   0.577   1459.2
 510.0    0.46    0.44   34.85   27.98    14.3   0.580   1459.5
 530.0    0.47    0.45   34.85   27.98    14.4   0.583   1459.9
 550.0    0.47    0.44   34.85   27.98    14.1   0.586   1460.2
 570.0    0.46    0.43   34.86   27.99    13.9   0.589   1460.5
 590.0    0.44    0.41   34.86   27.99    13.8   0.591   1460.8
 610.0    0.42    0.39   34.86   27.99    13.6   0.594   1461.0
 630.0    0.39    0.37   34.86   27.99    13.3   0.597   1461.2
 650.0    0.37    0.34   34.86   27.99    13.2   0.600   1461.5
 670.0    0.35    0.32   34.86   27.99    13.0   0.602   1461.7
 690.0    0.31    0.28   34.86   28.00    12.6   0.605   1461.9
 710.0    0.28    0.25   34.86   28.00    12.4   0.607   1462.1

                         DEPTH      TEMP.       SALIN

      BOT NUM = 1          4.4      -1.57       30.39
      BOT NUM = 2         42.1                  30.46
      BOT NUM = 3        251.6      -0.77       34.21
      BOT NUM = 4        503.2       0.44       34.83
      BOT NUM = 5        722.5       0.25       34.87
```

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BIG BEAR STATION 344(1) STD  28/JUN/1975 1700 GMT  CODE = 2
LAT = 76.4697N LNG = 149.1694W LTER =      0. LGER =      1.
AIR TEMP =  -0.5 BAROM = 1001.9 WIND = 221.9 SPEED =  43.0

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.59   -1.59   30.43   24.49   344.9   0.000   1435.4
   5.0   -1.59   -1.59   30.43   24.49   344.8   0.017   1435.5
   8.4   -1.59   -1.59   30.43   24.49   344.8   0.029   1435.5
  10.0   -1.59   -1.59   30.43   24.49   344.7   0.035   1435.6
  15.0   -1.59   -1.59   30.44   24.50   344.3   0.052   1435.6
  20.0   -1.59   -1.59   30.44   24.50   344.0   0.069   1435.7
  25.0   -1.60   -1.60   30.45   24.51   343.4   0.087   1435.8
  30.0   -1.61   -1.61   30.46   24.52   342.4   0.104   1435.8
  35.0   -1.62   -1.62   30.47   24.53   341.4   0.121   1435.9
  40.0   -1.62   -1.62   30.48   24.53   340.9   0.138   1436.0
  45.0   -1.61   -1.61   30.48   24.54   340.1   0.156   1436.1
  50.0   -1.61   -1.61   30.50   24.55   338.8   0.173   1436.2
  55.0   -1.61   -1.61   30.51   24.56   337.9   0.190   1436.3
  60.0   -1.28   -1.29   30.96   24.91   304.4   0.206   1438.6
  65.0   -1.10   -1.10   31.26   25.15   281.6   0.221   1439.9
  70.0   -1.02   -1.03   31.51   25.35   262.4   0.234   1440.7
  80.0   -1.08   -1.08   31.91   25.68   231.7   0.259   1441.2
  90.0   -1.21   -1.21   32.13   25.86   214.5   0.282   1441.1
 100.0   -1.31   -1.31   32.32   26.01   199.5   0.303   1441.0
 110.0   -1.38   -1.39   32.48   26.15   186.6   0.322   1441.1
 120.0   -1.43   -1.43   32.59   26.23   178.4   0.340   1441.2
 130.0   -1.45   -1.45   32.69   26.32   170.6   0.358   1441.4
 140.0   -1.47   -1.47   32.78   26.39   163.1   0.375   1441.6
 150.0   -1.50   -1.50   32.88   26.48   155.1   0.391   1441.7
 160.0   -1.51   -1.52   32.98   26.55   147.7   0.406   1442.0
 170.0   -1.53   -1.53   33.08   26.63   140.3   0.421   1442.2
 180.0   -1.52   -1.52   33.18   26.71   132.4   0.435   1442.6
 190.0   -1.50   -1.51   33.28   26.80   124.3   0.447   1443.0
 200.0   -1.47   -1.47   33.41   26.90   114.9   0.460   1443.5
 210.0   -1.40   -1.40   33.55   27.02   103.8   0.471   1444.2
 220.0   -1.28   -1.29   33.73   27.16    90.4   0.480   1445.1
 230.0   -1.13   -1.13   33.91   27.30    77.2   0.489   1446.3
 240.0   -0.96   -0.97   34.09   27.43    64.7   0.496   1447.5
 250.0   -0.79   -0.80   34.23   27.54    54.7   0.502   1448.6
 260.0   -0.64   -0.64   34.33   27.62    47.2   0.507   1449.6
 270.0   -0.50   -0.51   34.43   27.69    40.8   0.512   1450.6
 280.0   -0.38   -0.39   34.51   27.75    35.4   0.516   1451.4
 290.0   -0.28   -0.29   34.56   27.79    31.6   0.519   1452.1
 300.0   -0.18   -0.19   34.61   27.82    28.8   0.522   1452.8
 310.0   -0.11   -0.12   34.64   27.84    26.7   0.525   1453.3
 320.0   -0.03   -0.05   34.67   27.87    24.5   0.527   1453.9
 330.0    0.03    0.02   34.70   27.88    22.8   0.530   1454.4
 340.0    0.09    0.08   34.73   27.90    21.0   0.532   1454.9
 350.0    0.15    0.13   34.75   27.92    19.7   0.534   1455.3
 370.0    0.24    0.23   34.78   27.94    17.8   0.538   1456.1
 390.0    0.31    0.29   34.81   27.96    16.3   0.541   1456.8
 410.0    0.35    0.33   34.82   27.97    15.5   0.544   1457.3
 430.0    0.39    0.37   34.84   27.97    14.7   0.547   1457.9
 450.0    0.41    0.39   34.84   27.98    14.5   0.550   1458.3
 470.0    0.44    0.42   34.85   27.98    13.9   0.553   1458.8
 490.0    0.46    0.43   34.86   27.99    13.7   0.556   1459.2
 510.0    0.47    0.45   34.86   27.99    13.5   0.559   1459.6
 530.0    0.46    0.44   34.86   27.99    13.3   0.562   1459.9
 550.0    0.46    0.43   34.87   27.99    13.3   0.564   1460.2
 570.0    0.44    0.41   34.86   27.99    13.3   0.567   1460.5
 590.0    0.42    0.39   34.86   27.99    13.2   0.570   1460.7
 610.0    0.40    0.37   34.87   28.00    12.9   0.572   1460.9
 630.0    0.37    0.34   34.87   28.00    12.7   0.575   1461.2
 650.0    0.35    0.32   34.87   28.00    12.6   0.577   1461.4
 670.0    0.31    0.28   34.86   28.00    12.4   0.580   1461.6
 690.0    0.29    0.26   34.87   28.00    12.0   0.582   1461.8
 710.0    0.26    0.23   34.87   28.01    11.7   0.585   1462.0

                         DEPTH      TEMP.       SALIN

      BOT NUM = 1          4.8      -1.55       30.43
      BOT NUM = 2         40.9                  30.47
      BOT NUM = 3        251.0                  34.19
      BOT NUM = 4        497.3       0.47       34.83
      BOT NUM = 5        727.2       0.25       34.87
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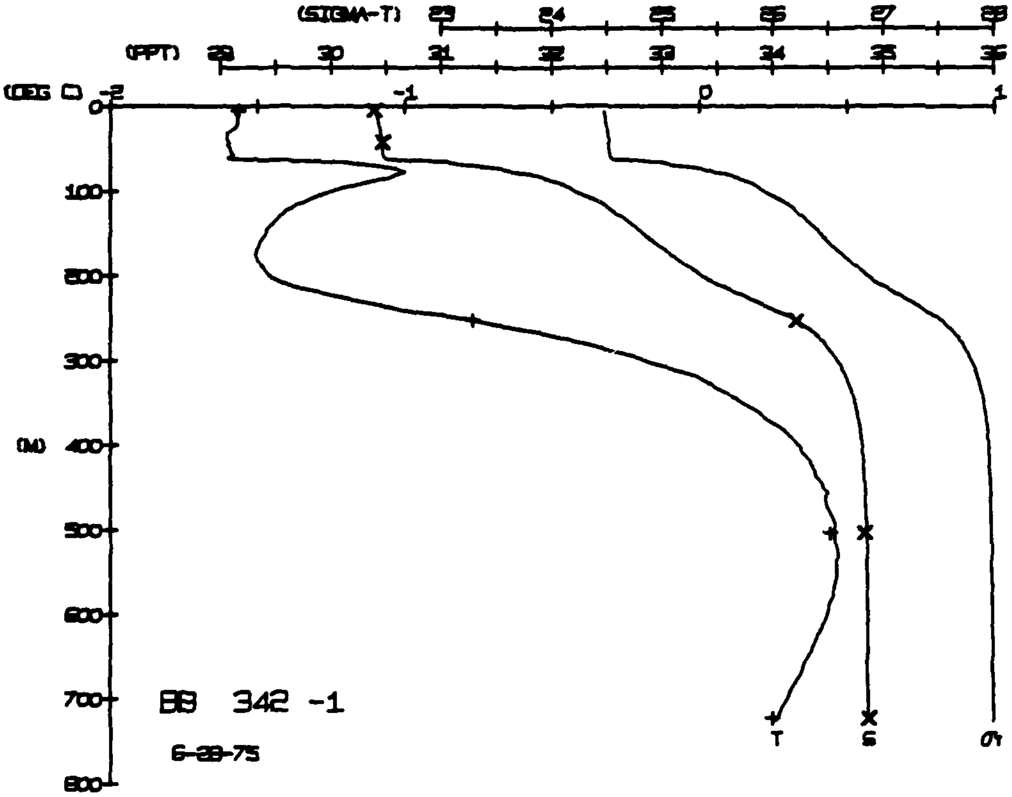
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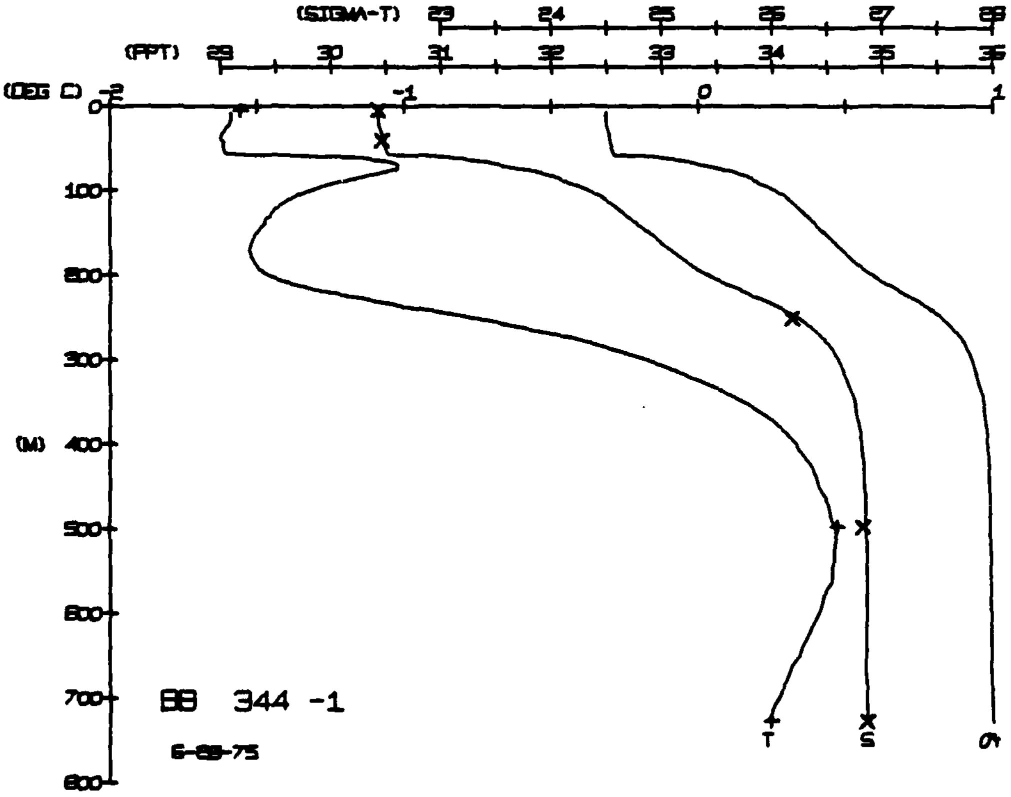
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600
700
800
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BIG BEAR STATION 347(1) STD  29/JUN/1975 1700 GMT  CODE = 2
LAT = 76.4383N LNG = 148.8246W LTER =    42. LGER =    86.
AIR TEMP =    0.0 BAROM = 1009.1 WIND =   0.0 SPEED =   0.0

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.56   -1.56   30.39   24.46   348.2   0.000   1435.5
   5.0   -1.56   -1.56   30.39   24.46   348.2   0.018   1435.6
   7.0   -1.56   -1.56   30.39   24.46   348.1   0.025   1435.6
  10.0   -1.55   -1.55   30.39   24.46   348.3   0.035   1435.7
  15.0   -1.55   -1.55   30.39   24.46   347.9   0.053   1435.8
  20.0   -1.55   -1.55   30.40   24.46   347.4   0.070   1435.9
  25.0   -1.57   -1.57   30.41   24.48   346.2   0.088   1435.9
  30.0   -1.61   -1.61   30.44   24.50   343.6   0.105   1435.8
  35.0   -1.61   -1.61   30.45   24.51   342.9   0.122   1435.9
  40.0   -1.62   -1.62   30.46   24.52   341.9   0.139   1436.0
  45.0   -1.60   -1.60   30.48   24.54   340.3   0.157   1436.2
  50.0   -1.57   -1.57   30.51   24.56   338.1   0.174   1436.4
  55.0   -1.30   -1.30   30.90   24.87   308.5   0.190   1438.3
  60.0   -1.16   -1.16   31.02   24.97   299.4   0.205   1439.2
  65.0   -1.10   -1.11   31.15   25.07   289.6   0.220   1439.8
  70.0   -1.04   -1.04   31.49   25.34   263.6   0.234   1440.7
  80.0   -1.13   -1.13   31.94   25.71   228.7   0.259   1441.0
  90.0   -1.25   -1.25   32.17   25.89   211.3   0.281   1440.9
 100.0   -1.33   -1.33   32.30   26.00   200.6   0.302   1440.9
 110.0   -1.38   -1.39   32.45   26.13   188.7   0.321   1441.0
 120.0   -1.42   -1.42   32.56   26.21   180.3   0.340   1441.2
 130.0   -1.46   -1.46   32.69   26.32   170.0   0.358   1441.3
 140.0   -1.48   -1.48   32.79   26.40   162.2   0.375   1441.5
 150.0   -1.49   -1.50   32.89   26.48   154.8   0.391   1441.8
 160.0   -1.51   -1.51   32.98   26.55   147.7   0.406   1442.0
 170.0   -1.51   -1.52   33.07   26.62   141.1   0.420   1442.3
 180.0   -1.50   -1.51   33.18   26.72   132.3   0.434   1442.6
 190.0   -1.48   -1.49   33.28   26.80   124.3   0.447   1443.0
 200.0   -1.45   -1.45   33.41   26.90   114.6   0.459   1443.6
 210.0   -1.35   -1.35   33.59   27.04   101.2   0.470   1444.5
 220.0   -1.21   -1.22   33.78   27.19    87.5   0.480   1445.5
 230.0   -1.02   -1.02   33.99   27.35    72.2   0.488   1446.9
 240.0   -0.84   -0.84   34.17   27.49    59.2   0.494   1448.1
 250.0   -0.69   -0.70   34.28   27.58    50.8   0.500   1449.2
 260.0   -0.56   -0.57   34.37   27.65    44.8   0.505   1450.0
 270.0   -0.45   -0.46   34.44   27.70    40.0   0.509   1450.8
 280.0   -0.36   -0.37   34.49   27.74    36.3   0.513   1451.5
 290.0   -0.26   -0.27   34.55   27.77    33.0   0.516   1452.2
 300.0   -0.16   -0.17   34.59   27.80    30.6   0.520   1452.8
 310.0   -0.09   -0.10   34.62   27.82    28.4   0.522   1453.4
 320.0   -0.02   -0.03   34.65   27.84    26.6   0.525   1453.9
 330.0    0.04    0.03   34.67   27.86    25.0   0.528   1454.4
 340.0    0.10    0.08   34.69   27.88    23.7   0.530   1454.8
 350.0    0.15    0.13   34.71   27.89    22.5   0.533   1455.3
 370.0    0.23    0.22   34.74   27.91    20.9   0.537   1456.0
 390.0    0.29    0.27   34.78   27.93    18.3   0.541   1456.7
 410.0    0.34    0.33   34.80   27.95    17.0   0.545   1457.3
 430.0    0.38    0.36   34.82   27.96    16.1   0.548   1457.8
 450.0    0.41    0.39   34.83   27.97    15.4   0.551   1458.3
 470.0    0.43    0.41   34.83   27.97    15.3   0.554   1458.7
 490.0    0.46    0.43   34.84   27.97    15.0   0.557   1459.2
 510.0    0.47    0.45   34.85   27.98    14.5   0.560   1459.6
 530.0    0.48    0.46   34.85   27.98    14.4   0.563   1460.0
 550.0    0.47    0.45   34.86   27.98    14.2   0.566   1460.3
 570.0    0.47    0.45   34.86   27.98    14.1   0.569   1460.6
 590.0    0.47    0.44   34.85   27.98    14.2   0.572   1460.9
 610.0    0.44    0.41   34.85   27.98    14.4   0.575   1461.1
 630.0    0.42    0.39   34.85   27.98    14.1   0.578   1461.4
 650.0    0.40    0.37   34.86   27.99    13.6   0.580   1461.6
 670.0    0.38    0.35   34.86   27.99    13.5   0.583   1461.9
 690.0    0.36    0.32   34.86   27.99    13.1   0.586   1462.1
 710.0    0.33    0.30   34.86   28.00    12.7   0.588   1462.3
 730.0    0.30    0.27   34.87   28.00    12.3   0.591   1462.5
 750.0    0.28    0.24   34.86   28.00    12.1   0.593   1462.7
 759.3    0.26    0.23   34.87   28.01    11.8   0.595   1462.8

                        DEPTH       TEMP.       SALIN

     BOT NUM = 1          3.9       -1.56       30.40
     BOT NUM = 2         39.4                   30.49
     BOT NUM = 3        247.8       -0.72       34.25
     BOT NUM = 4        496.5        0.40       34.83
     BOT NUM = 5        759.8        0.26       34.86
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BIG BEAR STATION 349(1) STD  30/JUN/1975  500 GMT  CODE = 2
LAT = 76.4740N LNG = 148.7250W LTER =     1. LGER =     2.
AIR TEMP =   -1.0 BAROM = 1006.2 WIND = 155.7 SPEED =  49.9

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.55   -1.55   30.38   24.45   349.1   0.000   1435.5
   3.9   -1.55   -1.55   30.38   24.45   349.1   0.014   1435.6
   5.0   -1.55   -1.55   30.38   24.45   349.0   0.018   1435.6
  10.0   -1.55   -1.55   30.38   24.46   348.4   0.035   1435.7
  15.0   -1.55   -1.55   30.39   24.46   348.1   0.053   1435.8
  20.0   -1.55   -1.55   30.39   24.46   347.9   0.070   1435.8
  25.0   -1.56   -1.56   30.40   24.47   347.1   0.088   1435.9
  30.0   -1.57   -1.57   30.42   24.48   345.5   0.105   1435.9
  35.0   -1.60   -1.60   30.44   24.50   343.4   0.122   1435.9
  40.0   -1.61   -1.61   30.46   24.52   342.1   0.140   1436.0
  45.0   -1.61   -1.61   30.46   24.52   341.6   0.157   1436.1
  50.0   -1.60   -1.60   30.47   24.53   340.9   0.174   1436.2
  55.0   -1.35   -1.35   30.80   24.79   316.3   0.191   1438.0
  60.0   -1.12   -1.12   31.20   25.11   285.9   0.206   1439.7
  65.0   -1.03   -1.03   31.44   25.30   267.4   0.220   1440.5
  70.0   -1.04   -1.05   31.69   25.50   248.6   0.233   1440.9
  80.0   -1.16   -1.16   32.01   25.76   223.9   0.257   1441.0
  90.0   -1.27   -1.28   32.21   25.93   207.6   0.278   1440.9
 100.0   -1.35   -1.35   32.36   26.05   196.0   0.299   1440.9
 110.0   -1.40   -1.40   32.50   26.16   185.5   0.318   1441.0
 120.0   -1.45   -1.45   32.65   26.29   173.5   0.336   1441.2
 130.0   -1.47   -1.47   32.74   26.36   166.5   0.353   1441.4
 140.0   -1.49   -1.49   32.85   26.45   158.0   0.370   1441.6
 150.0   -1.50   -1.50   32.96   26.53   149.7   0.385   1441.9
 160.0   -1.52   -1.52   33.05   26.61   142.1   0.400   1442.1
 170.0   -1.51   -1.52   33.14   26.69   135.3   0.414   1442.4
 180.0   -1.49   -1.50   33.26   26.78   126.4   0.427   1442.8
 190.0   -1.44   -1.44   33.41   26.90   114.7   0.439   1443.4
 200.0   -1.36   -1.37   33.56   27.02   103.7   0.450   1444.2
 210.0   -1.23   -1.24   33.75   27.17    89.7   0.460   1445.2
 220.0   -1.04   -1.04   33.96   27.34    73.8   0.468   1446.6
 230.0   -0.85   -0.86   34.15   27.48    60.2   0.475   1447.9
 240.0   -0.69   -0.70   34.28   27.58    51.4   0.481   1449.0
 250.0   -0.57   -0.58   34.37   27.65    44.9   0.486   1449.8
 260.0   -0.45   -0.46   34.44   27.70    40.0   0.490   1450.7
 270.0   -0.33   -0.34   34.51   27.75    35.5   0.494   1451.5
 280.0   -0.25   -0.26   34.55   27.78    32.6   0.497   1452.1
 290.0   -0.15   -0.16   34.60   27.81    29.7   0.500   1452.7
 300.0   -0.08   -0.09   34.63   27.83    27.5   0.503   1453.3
 310.0   -0.01   -0.03   34.66   27.85    25.8   0.506   1453.8
 320.0    0.04    0.02   34.68   27.87    24.5   0.508   1454.2
 330.0    0.08    0.06   34.70   27.88    23.5   0.511   1454.6
 340.0    0.12    0.11   34.71   27.89    22.6   0.513   1455.0
 350.0    0.16    0.15   34.73   27.90    21.7   0.515   1455.3
 370.0    0.22    0.20   34.75   27.91    20.5   0.520   1456.0
 390.0    0.27    0.25   34.76   27.92    19.6   0.524   1456.5
 410.0    0.31    0.29   34.78   27.93    18.8   0.527   1457.1
 430.0    0.36    0.34   34.80   27.94    17.8   0.531   1457.7
 450.0    0.40    0.38   34.81   27.95    17.2   0.535   1458.2
 470.0    0.42    0.40   34.81   27.95    16.9   0.538   1458.6
 490.0    0.44    0.42   34.82   27.96    16.6   0.542   1459.1
 510.0    0.45    0.43   34.83   27.96    16.2   0.545   1459.5
 530.0    0.47    0.45   34.83   27.96    15.9   0.548   1459.9
 550.0    0.48    0.46   34.83   27.97    15.8   0.551   1460.3
 570.0    0.48    0.46   34.83   27.97    15.8   0.554   1460.6
 590.0    0.48    0.45   34.84   27.97    15.5   0.558   1460.9
 610.0    0.47    0.44   34.84   27.97    15.3   0.561   1461.2
 630.0    0.46    0.43   34.84   27.97    15.0   0.564   1461.5
 650.0    0.44    0.41   34.84   27.98    14.8   0.567   1461.7
 670.0    0.42    0.39   34.85   27.98    14.6   0.570   1462.0
 690.0    0.39    0.36   34.85   27.98    14.2   0.573   1462.2
 710.0    0.38    0.34   34.85   27.99    13.9   0.576   1462.5
 730.0    0.35    0.31   34.86   27.99    13.3   0.578   1462.7
 750.0    0.31    0.28   34.86   28.00    12.8   0.581   1462.9
 758.4    0.30    0.27   34.86   28.00    12.5   0.582   1463.0

                        DEPTH       TEMP.       SALIN

     BOT NUM = 1          3.9       -1.54       30.38
     BOT NUM = 2         39.5                   30.48
     BOT NUM = 3        497.1        0.44       34.82
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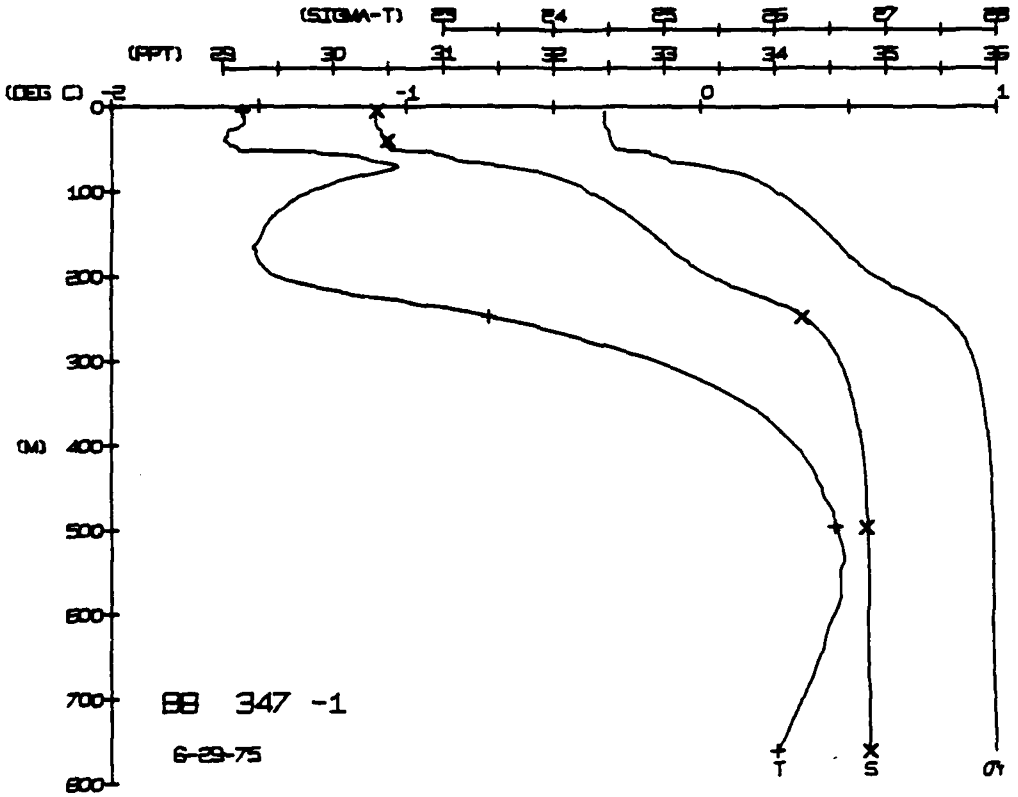
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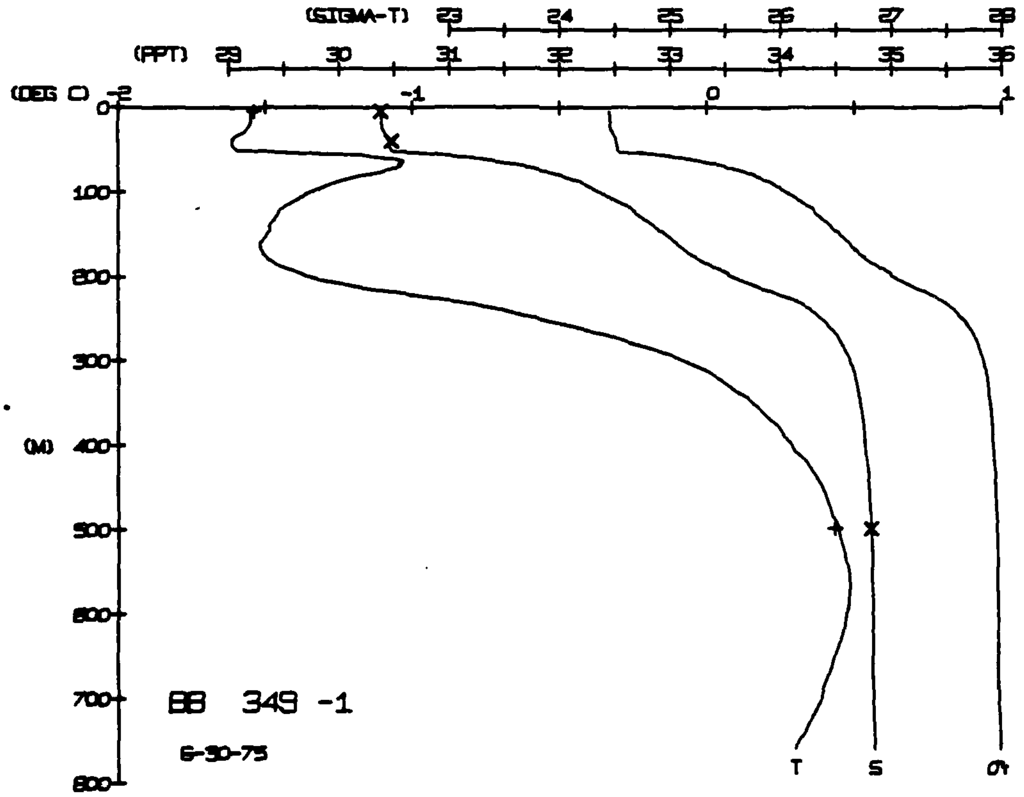
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(M) 0 100 200 300 400 500 600 700 800
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T
S
σt

```
BIG BEAR STATION 351(1) STD  30/JUN/1975 1700 GMT  CODE = 2
LAT = 76.5298N LNG = 148.7493W LTER =      1, LGER =      2,
AIR TEMP =  -1.0 BARUM =  994.7 WIND = 155.7 SPEED =  49.9

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.60   -1.60   30.39   24.46   348.3   0.000  1435.3
   3.9   -1.60   -1.60   30.39   24.46   348.2   0.014  1435.4
   5.0   -1.60   -1.60   30.39   24.46   348.1   0.018  1435.4
  10.0   -1.59   -1.59   30.39   24.46   347.8   0.035  1435.5
  15.0   -1.59   -1.59   30.39   24.46   347.6   0.053  1435.6
  20.0   -1.59   -1.59   30.40   24.47   347.2   0.070  1435.7
  25.0   -1.60   -1.60   30.40   24.47   347.0   0.088  1435.7
  30.0   -1.60   -1.60   30.42   24.48   345.6   0.105  1435.8
  35.0   -1.60   -1.60   30.42   24.49   345.0   0.122  1435.9
  40.0   -1.61   -1.61   30.45   24.51   343.2   0.140  1436.0
  45.0   -1.61   -1.61   30.46   24.52   342.2   0.157  1436.1
  50.0   -1.61   -1.61   30.46   24.52   341.7   0.174  1436.2
  55.0   -1.55   -1.55   30.51   24.55   338.5   0.191  1436.6
  60.0   -1.16   -1.16   31.04   24.98   298.4   0.207  1439.3
  65.0   -1.05   -1.05   31.32   25.20   277.1   0.222  1440.3
  70.0   -1.04   -1.05   31.66   25.48   250.8   0.235  1440.8
  80.0   -1.14   -1.15   31.98   25.74   226.0   0.259  1441.0
  90.0   -1.27   -1.27   32.21   25.92   208.1   0.281  1440.9
 100.0   -1.34   -1.34   32.36   26.05   196.3   0.301  1440.9
 110.0   -1.39   -1.39   32.47   26.14   187.3   0.321  1441.0
 120.0   -1.43   -1.43   32.59   26.24   177.9   0.339  1441.2
 130.0   -1.47   -1.47   32.71   26.34   168.4   0.357  1441.3
 140.0   -1.49   -1.49   32.82   26.42   160.3   0.373  1441.5
 150.0   -1.50   -1.51   32.91   26.50   153.2   0.389  1441.8
 160.0   -1.51   -1.51   33.01   26.58   145.6   0.404  1442.0
 170.0   -1.51   -1.51   33.11   26.66   138.0   0.418  1442.3
 180.0   -1.50   -1.50   33.20   26.74   130.5   0.432  1442.7
 190.0   -1.48   -1.48   33.32   26.83   121.4   0.445  1443.1
 200.0   -1.41   -1.42   33.45   26.94   111.4   0.456  1443.8
 210.0   -1.31   -1.31   33.64   27.08    98.0   0.467  1444.7
 220.0   -1.15   -1.16   33.84   27.24    83.0   0.476  1445.9
 230.0   -0.97   -0.98   34.02   27.38    69.6   0.484  1447.1
 240.0   -0.81   -0.82   34.17   27.49    59.3   0.490  1448.3
 250.0   -0.69   -0.70   34.28   27.58    51.0   0.496  1449.1
 260.0   -0.56   -0.57   34.38   27.65    44.1   0.501  1450.1
 270.0   -0.43   -0.44   34.46   27.71    39.0   0.505  1450.9
 280.0   -0.33   -0.34   34.51   27.75    35.2   0.509  1451.7
 290.0   -0.23   -0.23   34.57   27.79    31.4   0.512  1452.4
 300.0   -0.12   -0.13   34.61   27.82    28.9   0.515  1453.1
 310.0   -0.05   -0.06   34.64   27.84    26.7   0.518  1453.6
 320.0    0.02    0.01   34.67   27.86    25.1   0.521  1454.1
 330.0    0.08    0.07   34.70   27.88    23.4   0.523  1454.6
 340.0    0.14    0.12   34.72   27.89    22.0   0.525  1455.1
 350.0    0.18    0.17   34.74   27.91    20.8   0.527  1455.5
 370.0    0.26    0.24   34.77   27.92    19.3   0.531  1456.2
 390.0    0.32    0.30   34.79   27.94    18.2   0.535  1456.8
 410.0    0.36    0.34   34.80   27.94    17.6   0.539  1457.3
 430.0    0.40    0.38   34.81   27.95    16.9   0.542  1457.9
 450.0    0.41    0.39   34.82   27.95    16.6   0.546  1458.3
 470.0    0.44    0.42   34.82   27.96    16.1   0.549  1458.7
 490.0    0.46    0.44   34.83   27.97    15.7   0.552  1459.2
 510.0    0.47    0.45   34.84   27.97    15.4   0.555  1459.6
 530.0    0.47    0.44   34.84   27.97    15.3   0.559  1459.9
 550.0    0.47    0.44   34.84   27.97    15.1   0.562  1460.2
 570.0    0.45    0.43   34.84   27.98    14.8   0.565  1460.5
 590.0    0.43    0.40   34.84   27.98    14.7   0.568  1460.7
 610.0    0.41    0.39   34.85   27.98    14.4   0.571  1461.0
 630.0    0.38    0.35   34.85   27.98    14.1   0.573  1461.2
 650.0    0.36    0.33   34.85   27.99    13.8   0.576  1461.4
 670.0    0.33    0.30   34.85   27.99    13.5   0.579  1461.6
 690.0    0.31    0.27   34.86   27.99    13.0   0.582  1461.8
 710.0    0.28    0.25   34.86   28.00    12.6   0.584  1462.1
 730.0    0.26    0.22   34.86   28.00    12.3   0.587  1462.3
 750.0    0.23    0.20   34.86   28.00    12.0   0.589  1462.5

                          DEPTH       TEMP.        SALIN

       BOT NUM = 1          3.9                    30.40
       BOT NUM = 2         49.2                    30.46
       BOT NUM = 3        247.2                    34.26
       BOT NUM = 4        496.9                    34.86
       BOT NUM = 5        759.8                    34.87
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BIG BEAR STATION 353(1) STD   1/JUL/1975  500 GMT  CODE = 2
LAT = 76.5570N LNG = 148.6440W LTER =      2, LGER =      4,
AIR TEMP =   0.6 BARUM =  993.4 WIND = 222.3 SPEED =  46.8

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.60   -1.60   30.40   24.47   347.0   0.000  1435.3
   5.0   -1.60   -1.60   30.40   24.47   346.9   0.017  1435.4
   7.0   -1.60   -1.60   30.40   24.47   346.9   0.024  1435.4
  10.0   -1.60   -1.60   30.41   24.48   346.4   0.035  1435.5
  15.0   -1.60   -1.60   30.40   24.47   347.2   0.052  1435.5
  20.0   -1.60   -1.60   30.40   24.47   346.7   0.070  1435.6
  25.0   -1.60   -1.60   30.40   24.47   346.6   0.087  1435.7
  30.0   -1.60   -1.60   30.41   24.48   346.1   0.105  1435.8
  35.0   -1.60   -1.60   30.42   24.49   344.9   0.122  1435.9
  40.0   -1.61   -1.61   30.46   24.52   342.3   0.139  1436.0
  45.0   -1.61   -1.61   30.46   24.52   341.8   0.157  1436.1
  50.0   -1.61   -1.61   30.47   24.53   341.1   0.174  1436.2
  55.0   -1.61   -1.61   30.48   24.53   340.4   0.191  1436.3
  60.0   -1.59   -1.59   30.50   24.55   338.8   0.208  1436.5
  65.0   -1.19   -1.19   30.98   24.93   302.9   0.224  1439.1
  70.0   -1.08   -1.08   31.44   25.30   267.9   0.239  1440.4
  80.0   -1.06   -1.06   31.86   25.64   235.2   0.264  1441.2
  90.0   -1.20   -1.21   32.11   25.85   215.4   0.287  1441.1
 100.0   -1.29   -1.29   32.28   25.98   202.5   0.308  1441.1
 110.0   -1.36   -1.36   32.42   26.10   191.5   0.328  1441.1
 120.0   -1.41   -1.41   32.56   26.21   180.4   0.346  1441.2
 130.0   -1.45   -1.45   32.70   26.32   169.8   0.364  1441.4
 140.0   -1.47   -1.48   32.81   26.42   160.8   0.381  1441.6
 150.0   -1.49   -1.50   32.89   26.48   154.8   0.397  1441.8
 160.0   -1.50   -1.51   32.98   26.55   147.8   0.412  1442.0
 170.0   -1.51   -1.52   33.09   26.64   139.5   0.427  1442.3
 180.0   -1.50   -1.51   33.20   26.74   130.4   0.440  1442.7
 190.0   -1.48   -1.48   33.31   26.82   122.5   0.453  1443.1
 200.0   -1.44   -1.44   33.42   26.91   114.0   0.465  1443.6
 210.0   -1.37   -1.37   33.55   27.02   103.9   0.476  1444.3
 220.0   -1.21   -1.22   33.76   27.18    88.5   0.486  1445.5
 230.0   -1.04   -1.04   33.96   27.33    74.0   0.494  1446.7
 240.0   -0.82   -0.83   34.16   27.49    59.6   0.500  1448.2
 250.0   -0.68   -0.69   34.29   27.59    50.3   0.506  1449.2
 260.0   -0.57   -0.58   34.37   27.64    44.9   0.511  1450.0
 270.0   -0.44   -0.45   34.45   27.71    39.2   0.515  1450.9
 280.0   -0.31   -0.32   34.52   27.76    34.5   0.519  1451.8
 290.0   -0.22   -0.23   34.57   27.79    31.4   0.522  1452.4
 300.0   -0.12   -0.13   34.61   27.82    29.0   0.525  1453.1
 310.0   -0.04   -0.05   34.64   27.84    26.7   0.528  1453.7
 320.0    0.03    0.02   34.68   27.86    24.8   0.531  1454.2
 330.0    0.10    0.08   34.70   27.88    23.5   0.533  1454.7
 340.0    0.16    0.14   34.72   27.89    22.1   0.535  1455.2
 350.0    0.21    0.20   34.74   27.91    20.9   0.538  1455.6
 370.0    0.28    0.26   34.77   27.92    19.3   0.542  1456.3
 390.0    0.33    0.31   34.79   27.94    18.3   0.545  1456.8
 410.0    0.37    0.35   34.81   27.95    17.0   0.549  1457.4
 430.0    0.41    0.39   34.82   27.96    16.1   0.552  1457.9
 450.0    0.43    0.41   34.82   27.96    16.0   0.556  1458.4
 470.0    0.46    0.44   34.83   27.97    15.7   0.559  1458.8
 490.0    0.47    0.45   34.84   27.97    15.3   0.562  1459.2
 510.0    0.48    0.45   34.84   27.97    15.2   0.565  1459.6
 530.0    0.48    0.45   34.84   27.97    15.1   0.568  1459.9
 550.0    0.47    0.45   34.84   27.97    15.0   0.571  1460.2
 570.0    0.46    0.43   34.84   27.98    14.8   0.574  1460.5
 590.0    0.43    0.40   34.85   27.98    14.6   0.577  1460.7
 610.0    0.42    0.39   34.85   27.98    14.3   0.580  1461.0
 630.0    0.40    0.37   34.85   27.99    13.9   0.583  1461.2
 650.0    0.37    0.34   34.85   27.99    13.7   0.586  1461.5
 670.0    0.35    0.32   34.85   27.99    13.5   0.588  1461.7
 690.0    0.32    0.29   34.86   27.99    13.1   0.591  1461.9
 710.0    0.29    0.26   34.86   28.00    12.5   0.594  1462.1
 730.0    0.27    0.24   34.86   28.00    12.4   0.596  1462.3
 750.0    0.24    0.21   34.86   28.00    11.9   0.599  1462.5
 757.9    0.23    0.19   34.87   28.01    11.5   0.600  1462.6

                          DEPTH       TEMP.        SALIN

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       BOT NUM = 2         39.7                    30.47
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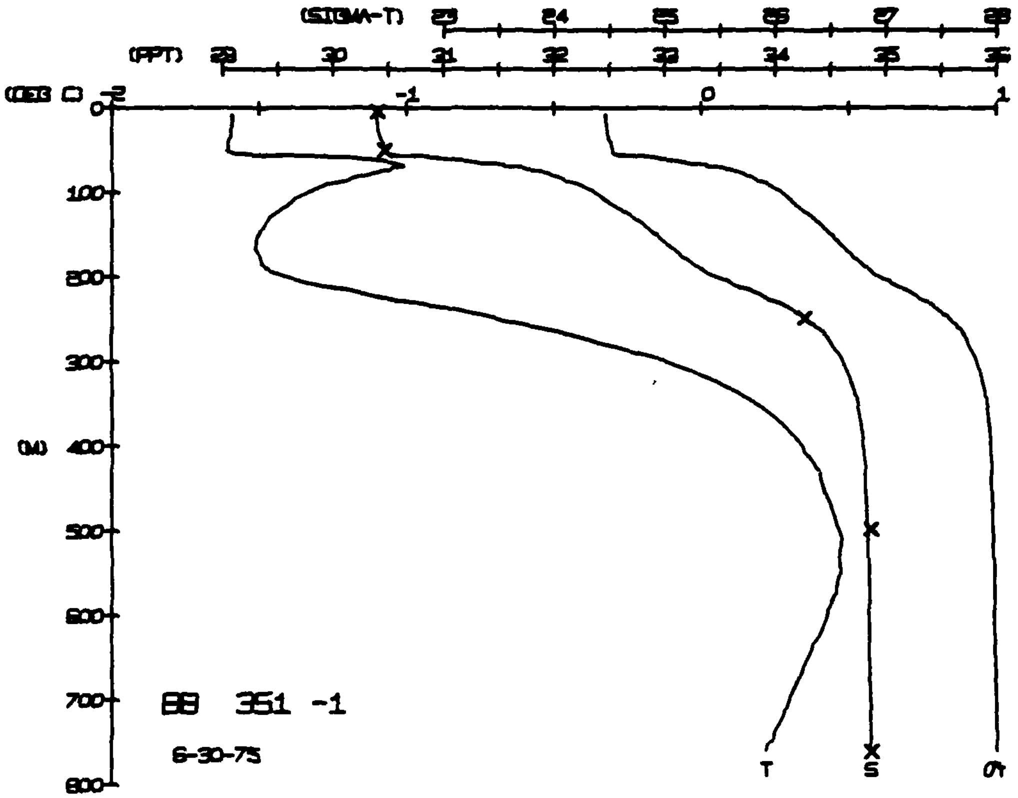
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(M) 0 100 200 300 400 500 600 700 800
BB 351 -1
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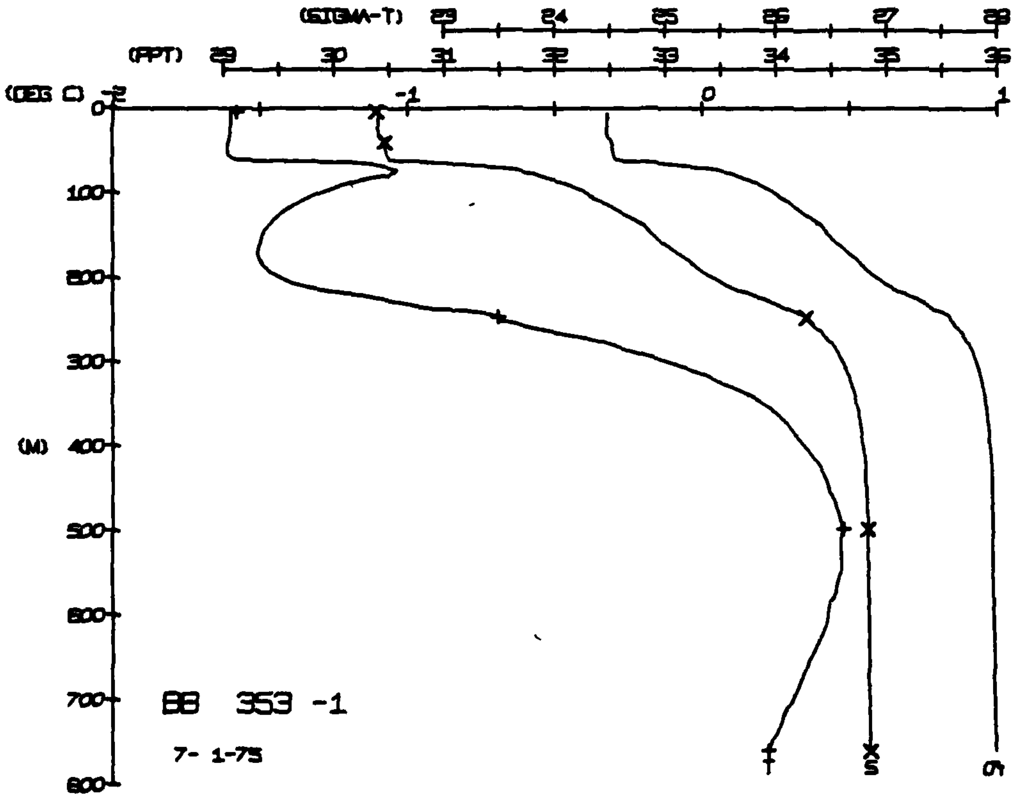
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
BB 353 -1
7- 1-75
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BIG BEAR STATION 355(1) STD   1/JUL/1975 1700 GMT  CODE = 2
LAT = 76.5452N LNG = 148.5065W LTER =      0. LGER =      0.
AIR TEMP =    0.6 BARUM =  999.7 WIND = 222.3 SPEED =  46.8

 DEPTH    TEMP  PTEMP   SALIN   SIG T  SPVUL   DYNHT   SOUND

   0.0   -1.61  -1.61   30.40   24.47  347.2   0.000  1435.2
   5.0   -1.61  -1.61   30.40   24.47  347.1   0.017  1435.3
   9.4   -1.61  -1.61   30.40   24.47  347.1   0.033  1435.4
  10.0   -1.61  -1.61   30.40   24.47  347.0   0.035  1435.4
  15.0   -1.61  -1.61   30.41   24.47  346.6   0.052  1435.5
  20.0   -1.61  -1.61   30.41   24.48  346.1   0.070  1435.6
  25.0   -1.62  -1.62   30.44   24.50  343.9   0.087  1435.7
  30.0   -1.63  -1.63   30.47   24.52  341.7   0.104  1435.7
  35.0   -1.65  -1.65   30.48   24.54  340.4   0.122  1435.8
  40.0   -1.65  -1.65   30.49   24.54  339.9   0.139  1435.8
  45.0   -1.65  -1.65   30.49   24.55  339.5   0.156  1435.9
  50.0   -1.63  -1.63   30.51   24.56  338.2   0.173  1436.1
  55.0   -1.33  -1.33   30.95   24.91  304.5   0.189  1438.3
  60.0   -1.07  -1.08   31.30   25.18  278.6   0.204  1440.0
  65.0   -1.03  -1.03   31.59   25.42  256.1   0.217  1440.7
  70.0   -1.07  -1.07   31.78   25.57  241.6   0.230  1440.9
  80.0   -1.19  -1.19   32.07   25.81  219.2   0.253  1440.9
  90.0   -1.29  -1.29   32.25   25.96  204.7   0.274  1440.9
 100.0   -1.36  -1.36   32.40   26.08  192.8   0.295  1440.9
 110.0   -1.41  -1.41   32.53   26.19  182.7   0.313  1441.0
 120.0   -1.44  -1.44   32.65   26.29  173.3   0.331  1441.2
 130.0   -1.47  -1.47   32.76   26.38  164.8   0.348  1441.4
 140.0   -1.49  -1.50   32.86   26.46  157.2   0.365  1441.6
 150.0   -1.50  -1.50   32.98   26.55  148.2   0.380  1441.9
 160.0   -1.51  -1.52   33.04   26.61  142.9   0.395  1442.1
 170.0   -1.51  -1.52   33.15   26.69  134.6   0.409  1442.4
 180.0   -1.50  -1.51   33.26   26.78  126.5   0.422  1442.7
 190.0   -1.47  -1.47   33.39   26.89  116.2   0.434  1443.3
 200.0   -1.39  -1.40   33.55   27.01  104.1   0.445  1444.0
 210.0   -1.24  -1.24   33.75   27.17   89.3   0.455  1445.2
 220.0   -1.06  -1.06   33.96   27.34   73.9   0.463  1446.5
 230.0   -0.91  -0.92   34.11   27.45   63.1   0.470  1447.6
 240.0   -0.75  -0.75   34.25   27.56   53.2   0.476  1448.7
 250.0   -0.59  -0.60   34.37   27.65   44.8   0.481  1449.7
 260.0   -0.49  -0.50   34.44   27.70   39.6   0.485  1450.5
 270.0   -0.39  -0.40   34.50   27.74   36.1   0.489  1451.2
 280.0   -0.28  -0.29   34.56   27.78   32.1   0.493  1451.9
 290.0   -0.19  -0.20   34.60   27.81   29.6   0.496  1452.6
 300.0   -0.11  -0.12   34.63   27.83   27.4   0.499  1453.1
 310.0   -0.04  -0.05   34.66   27.85   25.5   0.501  1453.7
 320.0    0.03   0.02   34.68   27.87   24.2   0.504  1454.2
 330.0    0.09   0.08   34.71   27.89   22.7   0.506  1454.7
 340.0    0.15   0.13   34.73   27.90   21.4   0.508  1455.1
 350.0    0.19   0.18   34.74   27.91   20.6   0.510  1455.5
 370.0    0.25   0.24   34.77   27.93   18.9   0.514  1456.2
 390.0    0.32   0.30   34.79   27.94   17.9   0.518  1456.8
 410.0    0.36   0.34   34.81   27.95   16.8   0.522  1457.4
 430.0    0.40   0.38   34.82   27.96   16.3   0.525  1457.9
 450.0    0.42   0.40   34.82   27.96   16.1   0.528  1458.3
 470.0    0.44   0.42   34.83   27.96   15.8   0.532  1458.7
 490.0    0.45   0.43   34.84   27.97   15.3   0.535  1459.2
 510.0    0.47   0.45   34.84   27.97   14.9   0.538  1459.6
 530.0    0.48   0.46   34.85   27.97   14.9   0.541  1459.9
 550.0    0.47   0.44   34.85   27.98   14.7   0.544  1460.2
 570.0    0.46   0.43   34.85   27.98   14.4   0.547  1460.5
 590.0    0.45   0.42   34.85   27.98   14.3   0.550  1460.8
 610.0    0.43   0.40   34.85   27.99   13.9   0.552  1461.1
 630.0    0.42   0.39   34.85   27.99   13.8   0.555  1461.3
 650.0    0.40   0.37   34.86   27.99   13.5   0.558  1461.6
 670.0    0.37   0.34   34.86   27.99   13.1   0.561  1461.8
 690.0    0.35   0.32   34.86   28.00   12.7   0.563  1462.0
 710.0    0.32   0.28   34.87   28.00   12.4   0.566  1462.2
 730.0    0.28   0.25   34.87   28.00   12.0   0.568  1462.4
 750.0    0.25   0.22   34.87   28.01   11.5   0.571  1462.6
 759.2    0.24   0.21   34.87   28.01   11.3   0.572  1462.7

                         DEPTH      TEMP.      SALIN

       BUT NUM = 1         3.9      -1.60      30.39
       BUT NUM = 2        39.9                 30.47
       BUT NUM = 3       244.3      -0.70      34.28
       BUT NUM = 4       497.3       0.47      34.83
       BUT NUM = 5       760.5       0.25      34.87
```

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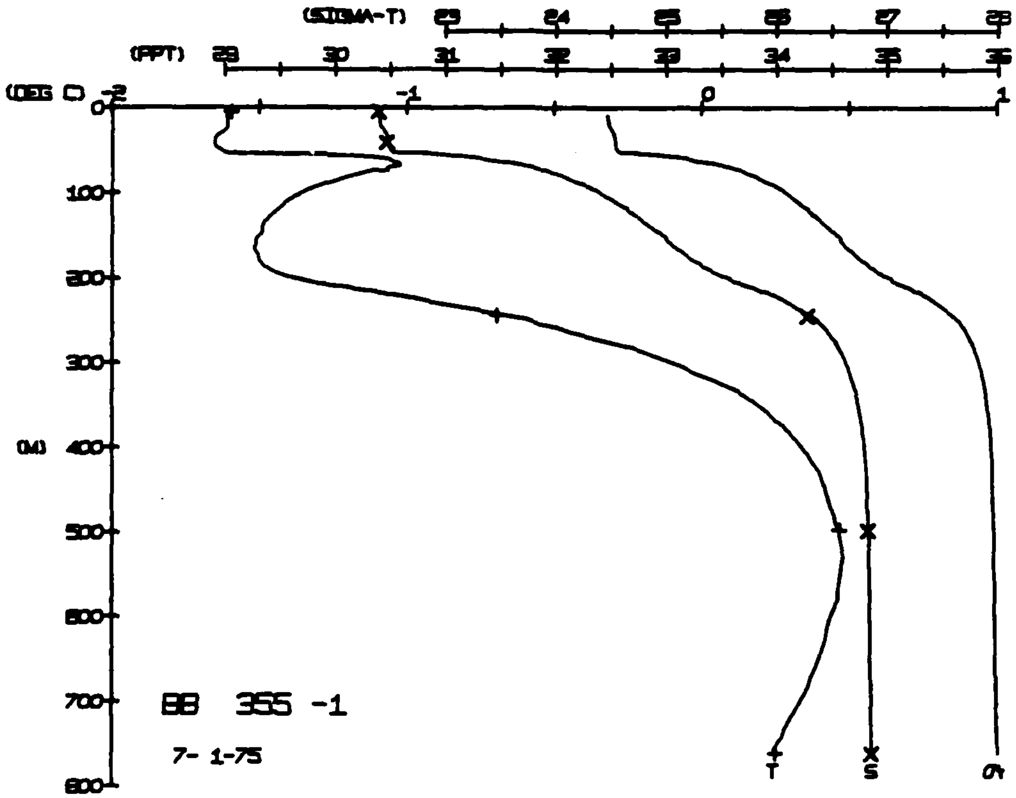
BIG BEAR STATION 357(1) STD   2/JUL/1975  500 GMT  CODE = 2
LAT = 76.5393N LNG = 148.4108W LTER =      2. LGER =      3.
AIR TEMP =  -0.3 BARUM = 1003.9 WIND = 203.6 SPEED =  25.3

 DEPTH    TEMP  PTEMP   SALIN   SIG T  SPVUL   DYNHT   SOUND

   0.0   -1.61  -1.61   30.42   24.48  345.9   0.000  1435.3
   5.0   -1.61  -1.61   30.42   24.48  345.8   0.017  1435.4
   6.9   -1.61  -1.61   30.42   24.48  345.8   0.024  1435.4
  10.0   -1.61  -1.61   30.42   24.49  345.3   0.035  1435.5
  15.0   -1.61  -1.61   30.43   24.49  344.9   0.052  1435.5
  20.0   -1.61  -1.61   30.43   24.49  344.5   0.070  1435.6
  25.0   -1.61  -1.61   30.44   24.50  343.5   0.087  1435.7
  30.0   -1.61  -1.62   30.45   24.51  342.8   0.104  1435.8
  35.0   -1.63  -1.63   30.47   24.53  341.3   0.121  1435.9
  40.0   -1.63  -1.63   30.48   24.54  340.2   0.139  1435.9
  45.0   -1.62  -1.62   30.50   24.55  339.2   0.156  1436.1
  50.0   -1.61  -1.61   30.53   24.57  336.9   0.173  1436.2
  55.0   -1.33  -1.33   30.96   24.92  303.7   0.189  1438.3
  60.0   -1.12  -1.12   31.23   25.13  283.9   0.204  1439.7
  65.0   -1.02  -1.03   31.52   25.36  261.8   0.217  1440.7
  70.0   -1.04  -1.04   31.78   25.57  241.6   0.230  1441.1
  80.0   -1.18  -1.18   32.07   25.81  219.1   0.253  1441.0
  90.0   -1.30  -1.30   32.29   25.99  202.1   0.275  1440.9
 100.0   -1.36  -1.36   32.44   26.11  190.1   0.294  1440.9
 110.0   -1.41  -1.41   32.58   26.23  179.0   0.313  1441.1
 120.0   -1.44  -1.44   32.69   26.32  170.2   0.331  1441.2
 130.0   -1.47  -1.47   32.80   26.41  161.9   0.347  1441.4
 140.0   -1.49  -1.49   32.90   26.49  153.8   0.363  1441.7
 150.0   -1.50  -1.50   33.00   26.57  145.9   0.378  1441.9
 160.0   -1.51  -1.52   33.10   26.66  138.2   0.393  1442.1
 170.0   -1.51  -1.51   33.22   26.75  129.3   0.406  1442.5
 180.0   -1.48  -1.49   33.33   26.84  121.0   0.419  1442.9
 190.0   -1.41  -1.42   33.50   26.97  108.4   0.430  1443.7
 200.0   -1.33  -1.33   33.66   27.10   96.0   0.441  1444.5
 210.0   -1.18  -1.18   33.85   27.25   81.8   0.450  1445.6
 220.0   -1.00  -1.01   34.05   27.41   67.1   0.457  1446.9
 230.0   -0.82  -0.82   34.22   27.54   55.1   0.463  1448.2
 240.0   -0.69  -0.69   34.32   27.61   48.3   0.469  1449.1
 250.0   -0.56  -0.57   34.40   27.67   43.0   0.473  1449.9
 260.0   -0.45  -0.46   34.47   27.72   37.7   0.477  1450.7
 270.0   -0.33  -0.34   34.53   27.77   33.7   0.481  1451.5
 280.0   -0.23  -0.24   34.58   27.80   30.7   0.484  1452.2
 290.0   -0.15  -0.16   34.63   27.83   27.6   0.487  1452.8
 300.0   -0.06  -0.07   34.66   27.86   25.3   0.490  1453.4
 310.0    0.01   0.00   34.69   27.87   23.9   0.492  1454.0
 320.0    0.07   0.06   34.70   27.88   22.9   0.495  1454.4
 330.0    0.13   0.12   34.72   27.89   22.0   0.497  1454.9
 340.0    0.18   0.17   34.75   27.91   20.2   0.499  1455.3
 350.0    0.22   0.20   34.76   27.92   19.5   0.501  1455.6
 370.0    0.28   0.26   34.77   27.93   19.0   0.505  1456.3
 390.0    0.33   0.31   34.79   27.94   18.0   0.509  1456.9
 410.0    0.37   0.35   34.80   27.95   17.4   0.512  1457.4
 430.0    0.41   0.39   34.81   27.95   17.0   0.516  1457.9
 450.0    0.42   0.40   34.82   27.96   16.3   0.519  1458.3
 470.0    0.45   0.43   34.83   27.96   16.0   0.522  1458.8
 490.0    0.46   0.44   34.83   27.97   15.7   0.525  1459.2
 510.0    0.48   0.46   34.84   27.97   15.6   0.529  1459.6
 530.0    0.48   0.45   34.84   27.97   15.3   0.532  1459.9
 550.0    0.47   0.45   34.84   27.98   14.9   0.535  1460.2
 570.0    0.46   0.43   34.85   27.98   14.6   0.538  1460.5
 590.0    0.44   0.41   34.85   27.98   14.3   0.541  1460.8
 610.0    0.42   0.39   34.85   27.98   14.1   0.544  1461.0
 630.0    0.41   0.38   34.85   27.98   14.0   0.546  1461.3
 650.0    0.39   0.36   34.85   27.98   13.9   0.549  1461.6
 670.0    0.38   0.35   34.85   27.99   13.7   0.552  1461.8
 690.0    0.36   0.33   34.85   27.99   13.5   0.555  1462.1
 710.0    0.33   0.30   34.86   27.99   13.1   0.557  1462.3
 730.0    0.30   0.27   34.86   28.00   12.6   0.560  1462.5
 750.0    0.28   0.24   34.87   28.00   12.1   0.563  1462.7
 758.6    0.26   0.22   34.87   28.01   11.8   0.564  1462.8

                         DEPTH      TEMP.      SALIN

       BUT NUM = 1         3.9                 30.41
       BUT NUM = 2        39.5                 30.47
       BUT NUM = 3       251.0      -0.70      34.29
       BUT NUM = 4       499.0       0.46      34.83
       BUT NUM = 5       758.8       0.25      34.87
```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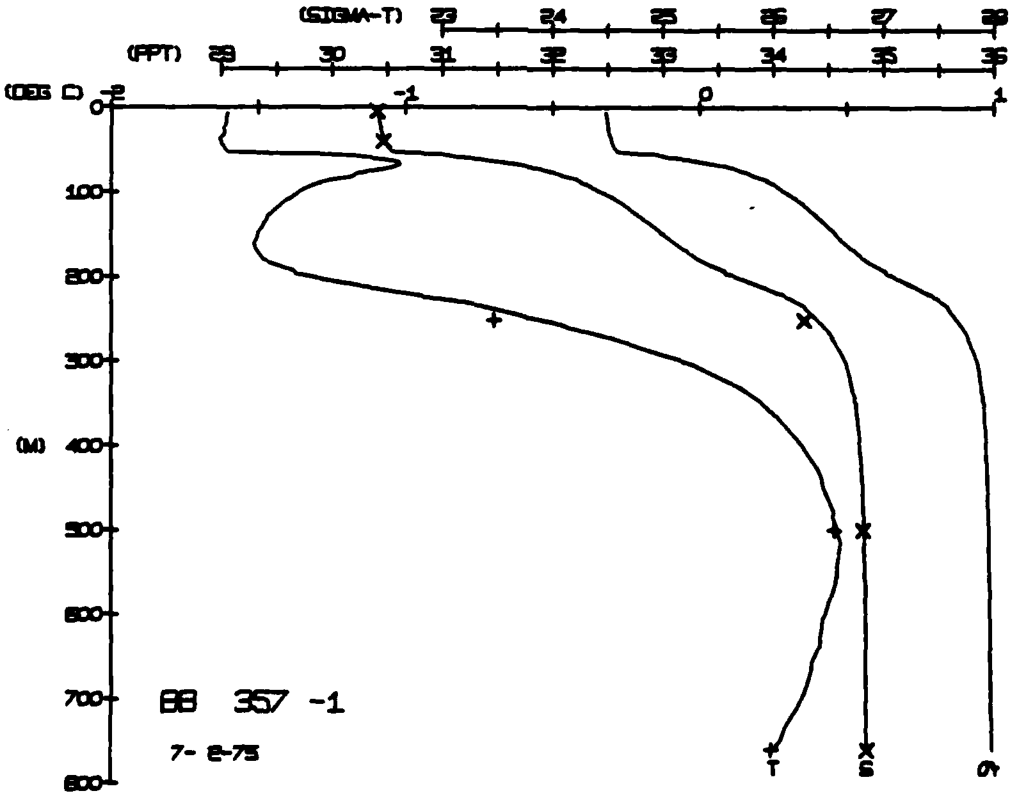
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 357 -1
7- 2-75
T
S
σt

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BIG BEAR STATION 359(1) STD   2/JUL/1975 1700 GMT  CODE = 2
LAT = 76.5375N LNG = 148.4099W LTER =        2, LGER =       3,
AIR TEMP =  -0.3 BAROM = 1005.0 WIND = 203.6 SPEED =  25.3

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.62   -1.62   30.40   24.47   347.0   0.000   1435.2
   5.0   -1.62   -1.62   30.40   24.47   346.9   0.017   1435.3
   9.7   -1.62   -1.62   30.40   24.47   346.8   0.034   1435.4
  10.0   -1.62   -1.62   30.40   24.47   346.8   0.035   1435.4
  15.0   -1.62   -1.62   30.41   24.48   346.4   0.052   1435.5
  20.0   -1.62   -1.62   30.41   24.48   346.2   0.070   1435.5
  25.0   -1.62   -1.62   30.42   24.48   345.6   0.087   1435.6
  30.0   -1.62   -1.62   30.43   24.49   344.7   0.105   1435.8
  35.0   -1.64   -1.64   30.44   24.50   343.7   0.122   1435.8
  40.0   -1.64   -1.64   30.46   24.52   341.7   0.139   1435.9
  45.0   -1.64   -1.64   30.48   24.53   340.6   0.156   1436.0
  50.0   -1.63   -1.63   30.49   24.54   339.9   0.174   1436.1
  55.0   -1.59   -1.59   30.54   24.58   335.8   0.191   1436.4
  60.0   -1.32   -1.32   30.98   24.93   302.8   0.207   1438.4
  65.0   -1.07   -1.08   31.39   25.26   271.3   0.221   1440.2
  70.0   -1.03   -1.03   31.67   25.48   250.1   0.234   1440.9
  80.0   -1.13   -1.13   31.99   25.75   224.9   0.258   1441.1
  90.0   -1.23   -1.24   32.16   25.88   211.9   0.280   1441.0
 100.0   -1.34   -1.34   32.33   26.03   198.1   0.301   1440.9
 110.0   -1.39   -1.39   32.51   26.17   184.5   0.320   1441.1
 120.0   -1.43   -1.43   32.63   26.27   174.8   0.338   1441.2
 130.0   -1.47   -1.47   32.74   26.36   166.6   0.356   1441.3
 140.0   -1.48   -1.49   32.84   26.44   158.6   0.372   1441.6
 150.0   -1.51   -1.51   32.95   26.53   149.8   0.387   1441.8
 160.0   -1.52   -1.52   33.03   26.60   143.6   0.402   1442.0
 170.0   -1.51   -1.52   33.14   26.69   135.1   0.416   1442.4
 180.0   -1.50   -1.51   33.25   26.77   127.1   0.430   1442.7
 190.0   -1.48   -1.48   33.37   26.87   117.5   0.442   1443.2
 200.0   -1.41   -1.41   33.53   26.99   106.1   0.453   1443.9
 210.0   -1.29   -1.30   33.69   27.12    93.8   0.463   1444.8
 220.0   -1.16   -1.17   33.87   27.26    80.0   0.472   1445.9
 230.0   -1.00   -1.01   34.05   27.40    67.6   0.480   1447.0
 240.0   -0.81   -0.82   34.21   27.53    56.0   0.486   1448.3
 250.0   -0.65   -0.65   34.34   27.63    46.7   0.491   1449.4
 260.0   -0.52   -0.53   34.42   27.68    41.5   0.495   1450.3
 270.0   -0.43   -0.44   34.47   27.72    37.8   0.499   1451.0
 280.0   -0.33   -0.34   34.53   27.76    34.0   0.503   1451.7
 290.0   -0.24   -0.25   34.57   27.79    31.4   0.506   1452.3
 300.0   -0.15   -0.16   34.61   27.82    28.8   0.509   1452.9
 310.0   -0.06   -0.08   34.64   27.84    26.6   0.512   1453.5
 320.0    0.02    0.00   34.68   27.87    24.5   0.515   1454.1
 330.0    0.07    0.06   34.70   27.88    23.4   0.517   1454.6
 340.0    0.13    0.12   34.72   27.89    22.3   0.520   1455.0
 350.0    0.18    0.16   34.73   27.90    21.2   0.522   1455.4
 370.0    0.25    0.23   34.76   27.92    19.6   0.526   1456.1
 390.0    0.31    0.29   34.78   27.93    18.4   0.530   1456.7
 410.0    0.35    0.34   34.80   27.94    17.5   0.533   1457.3
 430.0    0.39    0.37   34.81   27.95    17.1   0.537   1457.8
 450.0    0.42    0.40   34.81   27.95    16.7   0.540   1458.3
 470.0    0.44    0.42   34.82   27.96    16.3   0.544   1458.7
 490.0    0.46    0.43   34.83   27.96    15.9   0.547   1459.1
 510.0    0.47    0.45   34.83   27.97    15.6   0.550   1459.6
 530.0    0.48    0.45   34.84   27.97    15.4   0.553   1459.9
 550.0    0.47    0.44   34.84   27.97    15.2   0.556   1460.2
 570.0    0.46    0.44   34.84   27.97    15.1   0.559   1460.5
 590.0    0.44    0.41   34.85   27.98    14.7   0.562   1460.8
 610.0    0.43    0.40   34.85   27.98    14.4   0.565   1461.0
 630.0    0.41    0.38   34.85   27.99    14.0   0.568   1461.3
 650.0    0.39    0.36   34.85   27.99    13.8   0.571   1461.5
 670.0    0.37    0.34   34.85   27.99    13.5   0.574   1461.8
 690.0    0.34    0.31   34.86   27.99    13.3   0.576   1462.0
 710.0    0.32    0.28   34.86   27.99    13.0   0.579   1462.2
 730.0    0.29    0.25   34.86   28.00    12.4   0.582   1462.4
 750.0    0.26    0.23   34.87   28.01    11.8   0.584   1462.6
 757.5    0.25    0.22   34.87   28.01    11.7   0.585   1462.7

                       DEPTH      TEMP.      SALIN

     BUT NUM = 1         4.2                 30.40
     BUT NUM = 2        40.1                 30.46
     BUT NUM = 3       248.6     -0.75       34.26
     BUT NUM = 4       499.0      0.46       34.83
     BUT NUM = 5       750.0      0.25       34.87
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BIG BEAR STATION 361(1) STD   3/JUL/1975  500 GMT  CODE = 2
LAT = 76.5373N LNG = 148.2068W LTER =        0, LGER =       0,
AIR TEMP =   0.5 BAROM = 1007.1 WIND = 206.6 SPEED =  73.0

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.60   -1.60   30.39   24.46   347.8   0.000   1435.3
   4.6   -1.60   -1.60   30.39   24.46   347.8   0.016   1435.4
   5.0   -1.60   -1.60   30.39   24.46   347.8   0.018   1435.4
  10.0   -1.60   -1.60   30.40   24.47   346.9   0.035   1435.5
  15.0   -1.60   -1.60   30.41   24.48   346.2   0.052   1435.6
  20.0   -1.60   -1.60   30.42   24.48   345.7   0.070   1435.7
  25.0   -1.60   -1.60   30.42   24.49   345.2   0.087   1435.7
  30.0   -1.60   -1.60   30.43   24.49   344.7   0.105   1435.8
  35.0   -1.61   -1.61   30.44   24.51   343.3   0.122   1435.9
  40.0   -1.62   -1.62   30.46   24.52   341.8   0.139   1435.9
  45.0   -1.62   -1.62   30.47   24.53   341.3   0.156   1436.0
  50.0   -1.62   -1.62   30.49   24.54   339.8   0.174   1436.1
  55.0   -1.58   -1.58   30.55   24.59   334.7   0.191   1436.5
  60.0   -1.14   -1.14   31.12   25.04   291.9   0.206   1439.5
  65.0   -1.03   -1.03   31.44   25.30   267.8   0.220   1440.5
  70.0   -1.02   -1.02   31.63   25.45   253.1   0.234   1440.9
  80.0   -1.14   -1.14   31.96   25.72   227.7   0.258   1441.0
  90.0   -1.28   -1.28   32.23   25.94   206.4   0.280   1440.9
 100.0   -1.35   -1.35   32.38   26.07   194.6   0.300   1440.9
 110.0   -1.39   -1.40   32.52   26.18   183.7   0.319   1441.1
 120.0   -1.43   -1.43   32.64   26.28   174.5   0.337   1441.2
 130.0   -1.46   -1.46   32.73   26.35   167.3   0.354   1441.4
 140.0   -1.49   -1.49   32.84   26.44   158.4   0.371   1441.6
 150.0   -1.50   -1.51   32.95   26.53   149.8   0.386   1441.8
 160.0   -1.51   -1.51   33.05   26.61   142.7   0.401   1442.1
 170.0   -1.51   -1.51   33.14   26.68   135.6   0.415   1442.4
 180.0   -1.49   -1.49   33.26   26.78   126.0   0.428   1442.8
 190.0   -1.44   -1.44   33.40   26.89   115.8   0.440   1443.4
 200.0   -1.37   -1.37   33.55   27.01   104.3   0.452   1444.1
 210.0   -1.25   -1.25   33.73   27.16    90.5   0.461   1445.1
 220.0   -1.11   -1.11   33.92   27.30    76.8   0.470   1446.2
 230.0   -0.93   -0.93   34.10   27.44    63.6   0.477   1447.5
 240.0   -0.75   -0.75   34.26   27.56    52.7   0.483   1448.7
 250.0   -0.57   -0.58   34.38   27.65    44.3   0.488   1449.9
 260.0   -0.45   -0.46   34.45   27.71    39.3   0.492   1450.7
 270.0   -0.33   -0.34   34.51   27.75    35.1   0.496   1451.5
 280.0   -0.24   -0.25   34.56   27.79    31.7   0.499   1452.1
 290.0   -0.14   -0.15   34.61   27.82    29.0   0.502   1452.8
 300.0   -0.05   -0.06   34.64   27.84    26.8   0.505   1453.4
 310.0    0.02    0.00   34.67   27.86    25.4   0.508   1453.9
 320.0    0.08    0.06   34.69   27.87    23.9   0.510   1454.4
 330.0    0.14    0.12   34.72   27.89    22.3   0.512   1454.9
 340.0    0.19    0.18   34.74   27.90    21.1   0.515   1455.3
 350.0    0.24    0.22   34.75   27.92    20.1   0.517   1455.7
 370.0    0.32    0.30   34.77   27.93    19.0   0.521   1456.5
 390.0    0.36    0.34   34.79   27.94    17.9   0.524   1457.0
 410.0    0.40    0.38   34.81   27.95    16.9   0.528   1457.5
 430.0    0.43    0.41   34.81   27.95    16.8   0.531   1458.0
 450.0    0.45    0.43   34.82   27.96    16.2   0.535   1458.5
 470.0    0.47    0.45   34.83   27.96    15.8   0.538   1458.9
 490.0    0.48    0.45   34.84   27.97    15.4   0.541   1459.2
 510.0    0.48    0.45   34.84   27.97    15.3   0.544   1459.6
 530.0    0.48    0.45   34.84   27.97    15.0   0.547   1459.9
 550.0    0.47    0.44   34.84   27.97    15.0   0.550   1460.2
 570.0    0.44    0.41   34.84   27.98    14.7   0.553   1460.4
 590.0    0.42    0.39   34.85   27.98    14.3   0.556   1460.7
 610.0    0.40    0.37   34.85   27.98    14.1   0.559   1460.9
 630.0    0.37    0.34   34.85   27.99    13.8   0.562   1461.1
 650.0    0.35    0.32   34.85   27.99    13.6   0.565   1461.4
 670.0    0.32    0.29   34.85   27.99    13.4   0.567   1461.5
 690.0    0.30    0.27   34.85   27.99    13.4   0.570   1461.8
 710.0    0.27    0.23   34.85   27.99    12.9   0.573   1462.0
 730.0    0.25    0.21   34.86   28.00    12.4   0.575   1462.2
 750.0    0.23    0.20   34.87   28.01    11.8   0.578   1462.5

                       DEPTH      TEMP.      SALIN

     BUT NUM = 1         3.9     -1.60       30.36
     BUT NUM = 2        39.5                 30.44
     BUT NUM = 3       249.9     -0.74       34.22
     BUT NUM = 4       496.0      0.48       34.84
     BUT NUM = 5       756.9      0.23       34.86
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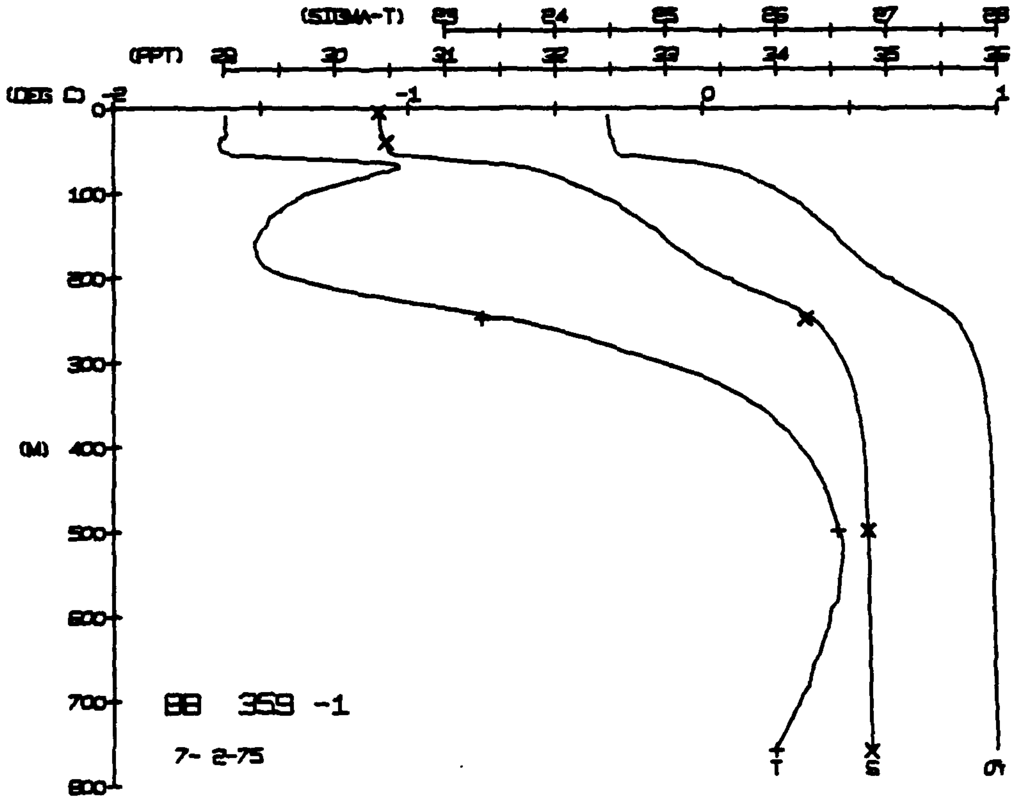

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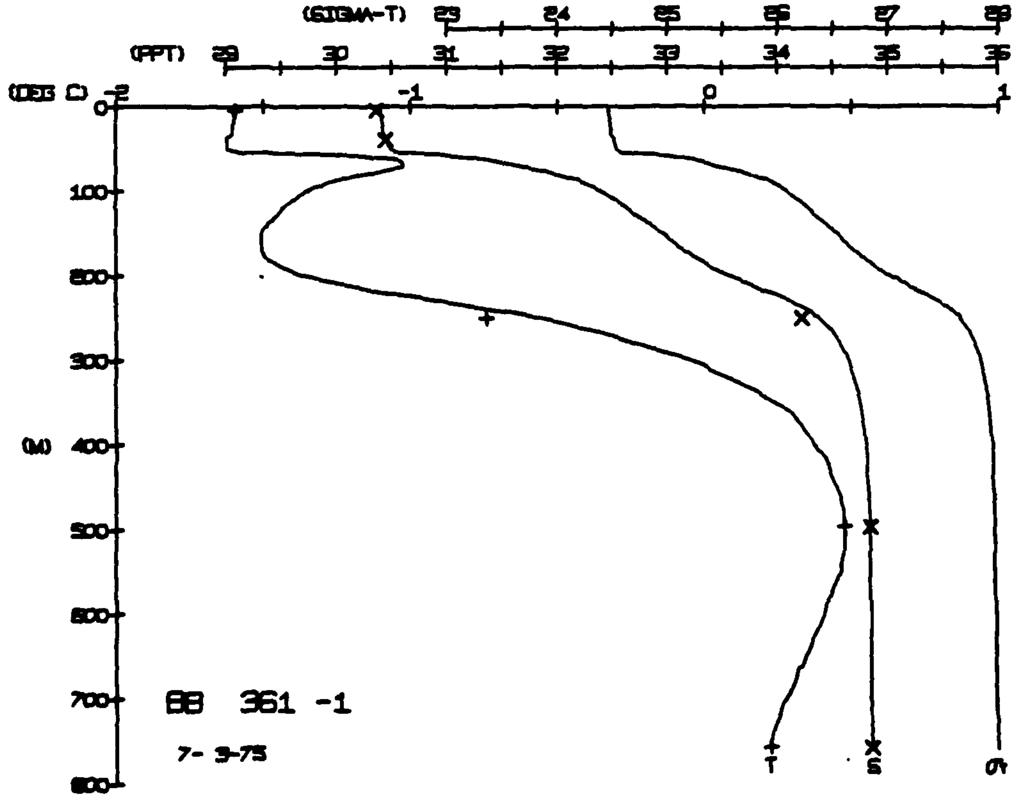
7- 2-75



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7- 3-75

```
BIG BEAR STATION 362(1) STD   4/JUL/1975  500 GMT  CODE = 2
LAT = 76.5639N LNG = 147.7347W LTER =      1. LGER =      2.
AIR TEMP =    0.5 BAROM =  996.9 WIND = 206.6 SPEED =  73.0

DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.51  -1.51  30.25  24.35  358.9  0.000  1435.5
   3.2  -1.51  -1.51  30.25  24.35  358.8  0.011  1435.6
   5.0  -1.52  -1.52  30.25  24.35  358.8  0.018  1435.6
  10.0  -1.54  -1.54  30.27  24.37  357.0  0.036  1435.6
  15.0  -1.56  -1.56  30.33  24.41  352.4  0.054  1435.6
  20.0  -1.59  -1.59  30.40  24.47  347.1  0.072  1435.7
  25.0  -1.60  -1.60  30.43  24.48  344.1  0.089  1435.8
  30.0  -1.61  -1.61  30.44  24.50  343.8  0.106  1435.8
  35.0  -1.62  -1.62  30.47  24.53  341.5  0.124  1435.9
  40.0  -1.62  -1.63  30.48  24.54  339.9  0.141  1436.0
  45.0  -1.63  -1.63  30.50  24.55  339.2  0.158  1436.0
  50.0  -1.64  -1.64  30.51  24.56  338.4  0.175  1436.1
  55.0  -1.62  -1.62  30.52  24.57  336.9  0.192  1436.3
  60.0  -1.59  -1.59  30.66  24.64  331.4  0.208  1437.0
  65.0  -1.12  -1.12  31.33  25.21  276.3  0.223  1440.0
  70.0  -1.04  -1.04  31.59  25.41  257.0  0.236  1440.8
  80.0  -1.12  -1.12  31.94  25.70  229.2  0.261  1441.0
  90.0  -1.21  -1.22  32.13  25.86  214.2  0.283  1441.0
 100.0  -1.29  -1.29  32.27  25.98  203.0  0.304  1440.9
 110.0  -1.36  -1.36  32.43  26.10  191.0  0.324  1441.1
 120.0  -1.41  -1.41  32.56  26.21  180.5  0.343  1441.2
 130.0  -1.44  -1.45  32.68  26.31  171.4  0.361  1441.4
 140.0  -1.47  -1.47  32.78  26.39  163.2  0.378  1441.6
 150.0  -1.50  -1.50  32.89  26.49  154.3  0.394  1441.8
 160.0  -1.51  -1.51  32.96  26.54  148.9  0.409  1442.0
 170.0  -1.52  -1.52  33.05  26.61  142.1  0.424  1442.2
 180.0  -1.51  -1.52  33.15  26.69  134.8  0.438  1442.5
 190.0  -1.49  -1.49  33.26  26.78  125.9  0.451  1443.0
 200.0  -1.45  -1.45  33.39  26.88  116.6  0.463  1443.5
 210.0  -1.37  -1.37  33.56  27.02  103.3  0.474  1444.3
 220.0  -1.24  -1.25  33.74  27.16   90.1  0.484  1445.3
 230.0  -1.07  -1.08  33.94  27.32   75.7  0.492  1446.5
 240.0  -0.90  -0.91  34.12  27.46   62.4  0.499  1447.8
 250.0  -0.70  -0.70  34.28  27.58   51.2  0.505  1449.1
 260.0  -0.53  -0.54  34.38  27.65   44.2  0.510  1450.2
 270.0  -0.40  -0.41  34.46  27.71   39.1  0.514  1451.1
 280.0  -0.30  -0.31  34.51  27.75   35.4  0.518  1451.8
 290.0  -0.23  -0.24  34.56  27.78   32.1  0.521  1452.3
 300.0  -0.11  -0.12  34.61  27.81   29.3  0.524  1453.1
 310.0  -0.03  -0.04  34.65  27.85   26.2  0.527  1453.7
 320.0   0.06   0.05  34.69  27.87   24.0  0.530  1454.3
 330.0   0.11   0.09  34.71  27.89   22.5  0.532  1454.7
 340.0   0.15   0.13  34.73  27.90   21.3  0.534  1455.1
 350.0   0.20   0.18  34.75  27.91   20.2  0.536  1455.5
 370.0   0.28   0.27  34.78  27.94   18.2  0.540  1456.3
 390.0   0.33   0.32  34.81  27.95   16.8  0.544  1456.9
 410.0   0.39   0.37  34.83  27.97   15.5  0.547  1457.5
 430.0   0.42   0.40  34.84  27.97   14.9  0.550  1458.0
 450.0   0.44   0.42  34.85  27.98   14.5  0.553  1458.5
 470.0   0.47   0.44  34.86  27.98   14.0  0.556  1458.9
 490.0   0.49   0.46  34.86  27.99   13.6  0.559  1459.3
 510.0   0.49   0.47  34.87  27.99   13.1  0.561  1459.7
 530.0   0.49   0.47  34.87  28.00   12.8  0.564  1460.0
 550.0   0.48   0.46  34.88  28.00   12.5  0.566  1460.3
 570.0   0.46   0.44  34.88  28.00   12.3  0.569  1460.6
 590.0   0.44   0.41  34.88  28.01   12.0  0.571  1460.8
 610.0   0.41   0.38  34.88  28.01   11.7  0.574  1461.0
 630.0   0.38   0.35  34.88  28.01   11.3  0.576  1461.2
 650.0   0.35   0.32  34.89  28.02   11.0  0.578  1461.4
 670.0   0.33   0.30  34.89  28.02   10.6  0.581  1461.7
 690.0   0.30   0.27  34.89  28.02   10.2  0.583  1461.8
 710.0   0.26   0.23  34.89  28.02   10.0  0.585  1462.0
 720.4   0.23   0.19  34.90  28.03    9.5  0.587  1462.2

                      DEPTH      TEMP.      SALIN
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BIG BEAR STATION 364(1) STD   4/JUL/1975 1700 GMT  CODE = 2
LAT = 76.5245N LNG = 147.6179W LTER =      1. LGER =      1.
AIR TEMP =   -0.2 BAROM =  999.1 WIND = 262.6 SPEED =  72.6

DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.64  -1.64  30.38  24.45  349.0  0.000  1435.1
   3.6  -1.64  -1.64  30.38  24.45  349.0  0.013  1435.2
   5.0  -1.63  -1.63  30.38  24.45  348.9  0.018  1435.2
  10.0  -1.63  -1.63  30.38  24.46  348.4  0.035  1435.3
  15.0  -1.64  -1.64  30.40  24.47  346.8  0.053  1435.4
  20.0  -1.64  -1.64  30.43  24.49  344.9  0.070  1435.5
  25.0  -1.64  -1.64  30.43  24.50  344.2  0.087  1435.6
  30.0  -1.64  -1.64  30.44  24.50  343.7  0.105  1435.6
  35.0  -1.65  -1.65  30.47  24.53  341.3  0.122  1435.7
  40.0  -1.66  -1.66  30.49  24.54  339.8  0.139  1435.8
  45.0  -1.67  -1.67  30.50  24.55  339.0  0.156  1435.9
  50.0  -1.67  -1.67  30.50  24.55  338.5  0.173  1435.9
  55.0  -1.67  -1.68  30.51  24.56  337.8  0.190  1436.0
  60.0  -1.65  -1.65  30.58  24.61  332.6  0.207  1436.3
  65.0  -1.38  -1.38  30.94  24.90  305.1  0.223  1438.2
  70.0  -1.15  -1.16  31.37  25.24  273.0  0.238  1439.9
  80.0  -1.13  -1.13  31.89  25.66  233.3  0.263  1440.9
  90.0  -1.25  -1.25  32.13  25.86  214.1  0.286  1440.9
 100.0  -1.34  -1.35  32.29  25.99  201.5  0.307  1440.8
 110.0  -1.40  -1.41  32.43  26.11  190.2  0.327  1440.9
 120.0  -1.45  -1.45  32.58  26.23  178.8  0.345  1441.1
 130.0  -1.49  -1.49  32.69  26.32  169.9  0.363  1441.2
 140.0  -1.50  -1.50  32.78  26.39  163.3  0.380  1441.4
 150.0  -1.52  -1.52  32.86  26.46  156.8  0.396  1441.6
 160.0  -1.54  -1.54  32.95  26.53  149.9  0.411  1441.8
 170.0  -1.55  -1.55  33.06  26.62  141.7  0.426  1442.1
 180.0  -1.54  -1.54  33.16  26.70  134.1  0.440  1442.4
 190.0  -1.51  -1.51  33.27  26.79  125.1  0.453  1442.9
 200.0  -1.47  -1.48  33.40  26.90  115.2  0.465  1443.4
 210.0  -1.36  -1.37  33.60  27.05  100.3  0.476  1444.4
 220.0  -1.22  -1.23  33.77  27.18   88.1  0.486  1445.5
 230.0  -1.08  -1.08  33.96  27.33   74.3  0.494  1446.6
 240.0  -0.92  -0.93  34.11  27.45   63.1  0.501  1447.7
 250.0  -0.74  -0.74  34.26  27.56   52.4  0.506  1448.9
 260.0  -0.59  -0.60  34.37  27.64   45.0  0.511  1449.9
 270.0  -0.43  -0.44  34.46  27.72   38.4  0.516  1450.9
 280.0  -0.29  -0.30  34.53  27.76   34.0  0.519  1451.8
 290.0  -0.21  -0.22  34.58  27.80   31.0  0.523  1452.5
 300.0  -0.13  -0.15  34.61  27.82   28.6  0.526  1453.0
 310.0  -0.04  -0.05  34.65  27.85   26.1  0.528  1453.7
 320.0   0.04   0.02  34.69  27.87   23.8  0.531  1454.2
 330.0   0.09   0.08  34.72  27.89   22.0  0.533  1454.7
 340.0   0.15   0.14  34.74  27.91   20.7  0.535  1455.2
 350.0   0.20   0.19  34.76  27.92   19.3  0.537  1455.6
 370.0   0.28   0.26  34.79  27.94   17.6  0.541  1456.3
 390.0   0.33   0.31  34.81  27.95   16.6  0.545  1456.9
 410.0   0.37   0.35  34.83  27.97   15.3  0.548  1457.4
 430.0   0.40   0.38  34.84  27.97   14.9  0.551  1457.9
 450.0   0.41   0.39  34.84  27.98   14.4  0.554  1458.3
 470.0   0.44   0.42  34.85  27.98   13.9  0.557  1458.8
 490.0   0.47   0.45  34.86  27.99   13.5  0.559  1459.3
 510.0   0.46   0.43  34.87  27.99   13.1  0.562  1459.5
 530.0   0.45   0.42  34.87  28.00   12.6  0.565  1459.8
 550.0   0.43   0.41  34.88  28.00   12.3  0.567  1460.1
 570.0   0.41   0.39  34.88  28.01   11.9  0.570  1460.4
 590.0   0.39   0.37  34.88  28.01   11.7  0.572  1460.6
 610.0   0.37   0.34  34.88  28.01   11.3  0.574  1460.8
 630.0   0.35   0.32  34.89  28.02   11.0  0.577  1461.1
 650.0   0.32   0.29  34.89  28.02   10.6  0.579  1461.3
 670.0   0.30   0.27  34.89  28.02   10.4  0.581  1461.5
 690.0   0.27   0.24  34.89  28.02   10.1  0.583  1461.7
 710.0   0.24   0.21  34.89  28.03    9.6  0.585  1461.9
 727.9   0.22   0.19  34.90  28.03    9.3  0.587  1462.1

                      DEPTH      TEMP.      SALIN

       BOT NUM = 1      3.6                 30.36
       BOT NUM = 2     55.0                 30.51
       BOT NUM = 3    250.3      -0.77      34.19
       BOT NUM = 4    497.5       0.46      34.84
       BOT NUM = 5    730.3       0.22      34.89
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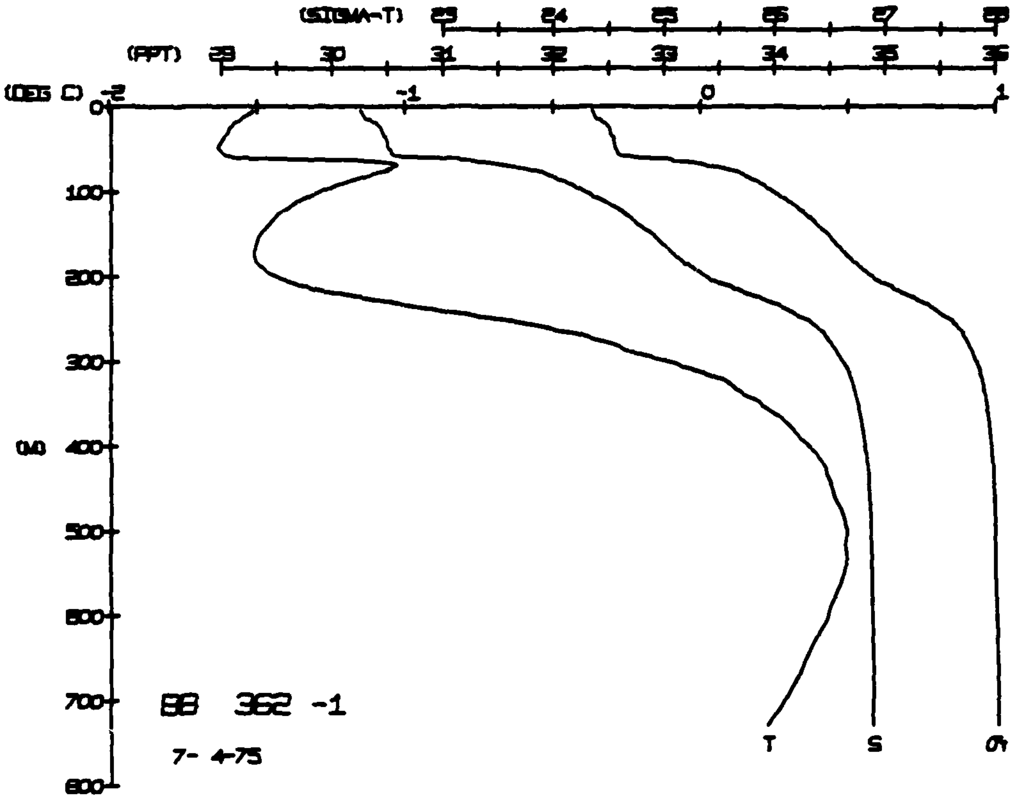
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(PPT) 29 30 31 32 33 34 35 36
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(M) 0 100 200 300 400 500 600 700 800
BB 362 -1
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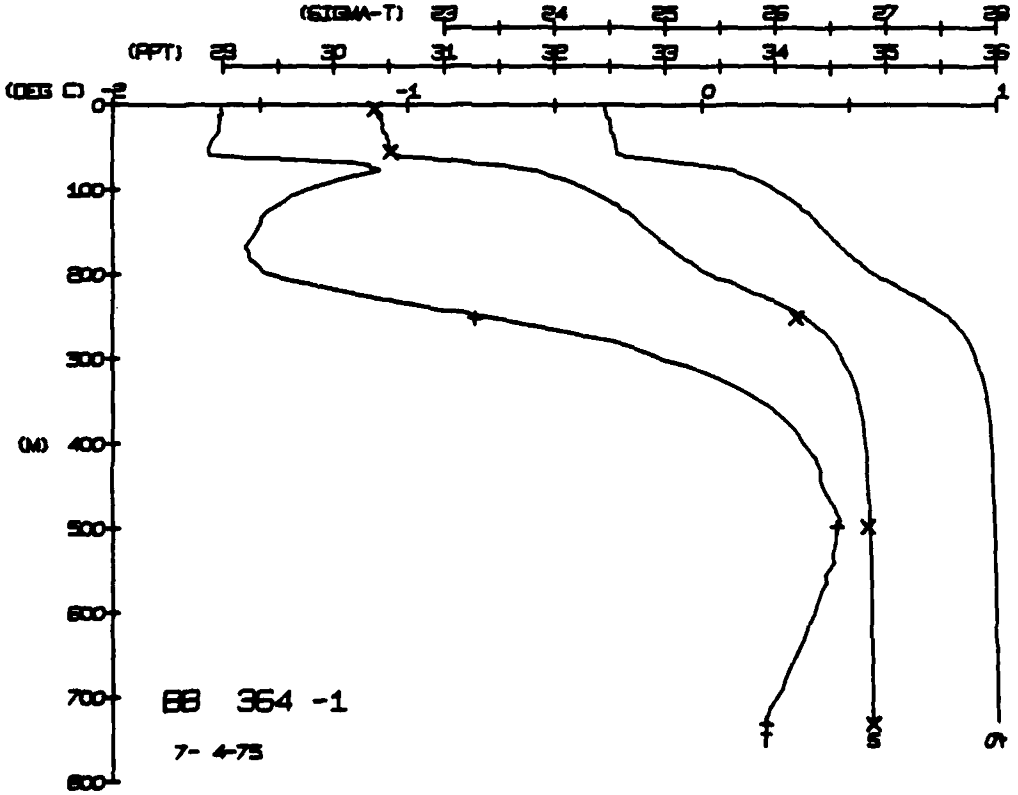
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
BB 364 -1
7- 4-75
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                         BIG BEAR STATION 365(1) STD   5/JUL/1975 1700 GMT  CODE = 2
                          LAT = 76.4523N LNG = 147.2689W LTER =     2, LGER =    3,
                          AIR TEMP =    0.3 BAROM = 1005.5 WIND = 275.4 SPEED =  77.6

   DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND           DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

     0.0   -1.59   -1.59   30.42   24.49   345.7   0.000  1435.4           850.0    0.10    0.06   34.90   28.04     8.1   0.586  1463.6
     5.0   -1.59   -1.59   30.42   24.49   345.6   0.017  1435.5           900.0    0.03   -0.01   34.90   28.05     7.6   0.590  1464.2
    10.0   -1.59   -1.59   30.42   24.49   345.6   0.035  1435.5           950.0   -0.02   -0.07   34.91   28.05     6.8   0.594  1464.7
    10.0   -1.59   -1.59   30.42   24.49   345.6   0.035  1435.5          1000.0   -0.08   -0.12   34.91   28.06     6.0   0.597  1465.3
    15.0   -1.59   -1.59   30.42   24.49   345.3   0.052  1435.6          1050.0   -0.12   -0.16   34.91   28.06     5.7   0.600  1466.0
    20.0   -1.59   -1.59   30.43   24.49   344.8   0.070  1435.7          1100.0   -0.16   -0.21   34.91   28.07     5.2   0.603  1466.7
    25.0   -1.59   -1.59   30.43   24.49   344.7   0.087  1435.8          1150.0   -0.19   -0.25   34.92   28.07     4.7   0.605  1467.3
    30.0   -1.58   -1.58   30.48   24.54   340.6   0.104  1436.0          1200.0   -0.22   -0.27   34.92   28.07     4.4   0.608  1468.1
    35.0   -1.61   -1.61   30.52   24.57   337.7   0.121  1436.0          1250.0   -0.24   -0.30   34.92   28.08     3.9   0.610  1468.8
    40.0   -1.62   -1.62   30.53   24.57   336.7   0.138  1436.0          1300.0   -0.27   -0.33   34.92   28.08     3.5   0.612  1469.5
    45.0   -1.63   -1.63   30.53   24.58   336.2   0.155  1436.1          1350.0   -0.29   -0.35   34.92   28.08     3.3   0.613  1470.3
    50.0   -1.64   -1.64   30.54   24.58   335.7   0.172  1436.1          1400.0   -0.31   -0.38   34.92   28.08     2.9   0.615  1471.0
    55.0   -1.64   -1.64   30.55   24.59   335.1   0.189  1436.2          1450.0   -0.33   -0.40   34.92   28.08     2.7   0.616  1471.8
    60.0   -1.63   -1.63   30.56   24.60   334.0   0.206  1436.4          1500.0   -0.35   -0.42   34.93   28.09     2.0   0.617  1472.5
    65.0   -1.29   -1.29   31.27   25.16   280.4   0.221  1439.1          1550.0   -0.36   -0.44   34.93   28.09     1.8   0.618  1473.3
    70.0   -1.12   -1.12   31.67   25.49   249.6   0.235  1440.5          1600.0   -0.38   -0.45   34.93   28.09     1.7   0.619  1474.1
    80.0   -1.19   -1.19   32.00   25.75   224.6   0.259  1440.8          1650.0   -0.39   -0.47   34.93   28.09     1.4   0.620  1474.9
    90.0   -1.25   -1.25   32.21   25.92   208.2   0.280  1441.0          1700.0   -0.40   -0.49   34.93   28.09     1.2   0.621  1475.7
   100.0   -1.32   -1.33   32.37   26.06   195.6   0.301  1441.0          1750.0   -0.41   -0.50   34.93   28.09     1.1   0.621  1476.5
   110.0   -1.38   -1.38   32.53   26.19   183.1   0.320  1441.1          1800.0   -0.41   -0.50   34.93   28.09     1.1   0.622  1477.3
   120.0   -1.42   -1.43   32.66   26.30   172.4   0.338  1441.3          1850.0   -0.41   -0.51   34.93   28.09     1.0   0.622  1478.2
   130.0   -1.46   -1.46   32.71   26.33   168.9   0.355  1441.4          1900.0   -0.42   -0.51   34.93   28.09     1.0   0.623  1479.0
   140.0   -1.47   -1.48   32.80   26.41   161.5   0.372  1441.6          1950.0   -0.42   -0.52   34.93   28.09     1.0   0.623  1479.8
   150.0   -1.49   -1.49   32.90   26.49   153.6   0.388  1441.8          2000.0   -0.43   -0.53   34.93   28.09     1.1   0.624  1480.7
   160.0   -1.50   -1.50   33.00   26.57   146.5   0.403  1442.1          2050.0   -0.43   -0.53   34.93   28.09     1.1   0.625  1481.5
   170.0   -1.51   -1.52   33.09   26.64   139.5   0.417  1442.3          2100.0   -0.43   -0.54   34.93   28.09     0.9   0.625  1482.3
   180.0   -1.50   -1.51   33.19   26.73   131.5   0.431  1442.6          2150.0   -0.42   -0.54   34.93   28.09     1.1   0.626  1483.2
   190.0   -1.47   -1.47   33.33   26.84   120.8   0.444  1443.2          2200.0   -0.42   -0.54   34.93   28.09     1.1   0.626  1484.1
   200.0   -1.41   -1.41   33.48   26.96   109.2   0.455  1443.9          2250.0   -0.42   -0.54   34.93   28.09     1.1   0.627  1485.0
   210.0   -1.32   -1.32   33.64   27.08    97.9   0.466  1444.7          2300.0   -0.41   -0.54   34.93   28.09     1.0   0.627  1485.8
   220.0   -1.16   -1.17   33.85   27.25    82.2   0.475  1445.8          2350.0   -0.41   -0.54   34.93   28.09     0.9   0.628  1486.7
   230.0   -1.00   -1.01   34.01   27.37    70.4   0.482  1447.0          2400.0   -0.40   -0.53   34.93   28.09     1.0   0.628  1487.6
   240.0   -0.86   -0.87   34.19   27.51    57.1   0.489  1448.1          2450.0   -0.39   -0.53   34.93   28.09     0.8   0.629  1488.5
   250.0   -0.66   -0.67   34.29   27.59    50.2   0.494  1449.3          2500.0   -0.39   -0.53   34.93   28.09     0.7   0.629  1489.3
   260.0   -0.54   -0.55   34.39   27.66    43.3   0.499  1450.2          2550.0   -0.39   -0.53   34.93   28.09     0.6   0.629  1490.2
   270.0   -0.39   -0.40   34.48   27.72    37.7   0.503  1451.1          2600.0   -0.38   -0.53   34.93   28.09     0.5   0.629  1491.1
   280.0   -0.26   -0.27   34.54   27.77    33.6   0.507  1452.0          2650.0   -0.38   -0.53   34.94   28.09     0.3   0.630  1492.0
   290.0   -0.18   -0.19   34.58   27.80    30.6   0.510  1452.6          2700.0   -0.37   -0.53   34.94   28.09     0.2   0.630  1492.9
   300.0   -0.09   -0.10   34.62   27.82    28.5   0.513  1453.2          2750.0   -0.37   -0.53   34.94   28.09     0.2   0.630  1493.8
   310.0   -0.02   -0.03   34.65   27.85    26.4   0.516  1453.8          2800.0   -0.36   -0.53   34.94   28.10     0.1   0.630  1494.6
   320.0    0.05    0.04   34.68   27.87    24.4   0.518  1454.3          2850.0   -0.36   -0.53   34.94   28.10    -0.1   0.630  1495.5
   330.0    0.11    0.10   34.71   27.89    22.5   0.521  1454.8          2900.0   -0.35   -0.53   34.95   28.10    -0.3   0.630  1496.4
   340.0    0.18    0.16   34.73   27.90    21.3   0.523  1455.3          2934.3   -0.35   -0.53   34.95   28.10    -0.5   0.630  1497.0
   350.0    0.22    0.21   34.75   27.92    20.0   0.525  1455.7
   370.0    0.29    0.27   34.78   27.94    18.3   0.529  1456.3
   390.0    0.34    0.33   34.81   27.95    16.7   0.532  1457.0
   410.0    0.38    0.36   34.82   27.96    15.8   0.536  1457.5
   430.0    0.41    0.39   34.83   27.97    15.1   0.539  1457.9
   450.0    0.43    0.41   34.84   27.98    14.7   0.542  1458.4
   470.0    0.46    0.44   34.85   27.98    14.2   0.545  1458.9
   490.0    0.48    0.45   34.86   27.99    13.8   0.547  1459.3
   510.0    0.47    0.45   34.86   27.99    13.4   0.550  1459.6
   530.0    0.47    0.44   34.87   27.99    13.1   0.553  1459.9
   550.0    0.46    0.43   34.87   28.00    12.7   0.555  1460.2
   570.0    0.43    0.40   34.88   28.00    12.3   0.558  1460.4
   590.0    0.42    0.39   34.88   28.01    11.9   0.560  1460.7
   610.0    0.40    0.38   34.88   28.01    11.6   0.563  1461.0
   630.0    0.38    0.35   34.89   28.01    11.2   0.565  1461.2
   650.0    0.36    0.33   34.89   28.02    10.8   0.567  1461.5
   670.0    0.33    0.30   34.89   28.02    10.4   0.569  1461.7
   690.0    0.30    0.27   34.89   28.02    10.1   0.572  1461.9
   710.0    0.28    0.25   34.90   28.03     9.8   0.574  1462.1
   730.0    0.25    0.21   34.90   28.03     9.5   0.576  1462.3
   750.0    0.22    0.19   34.90   28.03     9.4   0.577  1462.5
   800.0    0.16    0.13   34.90   28.04     8.7   0.582  1463.1

                                                     DEPTH          TEMP.           SALIN

                               BUT NUM = 1             3.6          -1.60           30.42
                               BUT NUM = 2           985.9          -0.06           34.88
                               BUT NUM = 3          1466.1                          34.92
                               BUT NUM = 4          1960.6                          34.92
                               BUT NUM = 5          2942.0          -0.35           34.93
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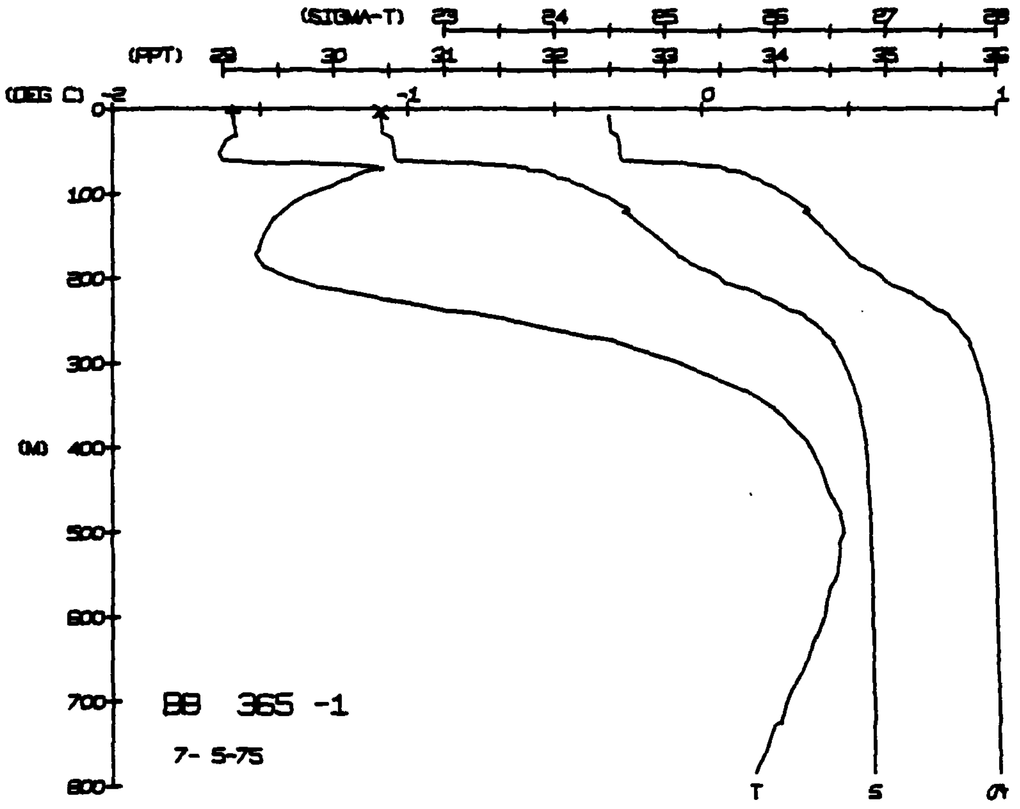
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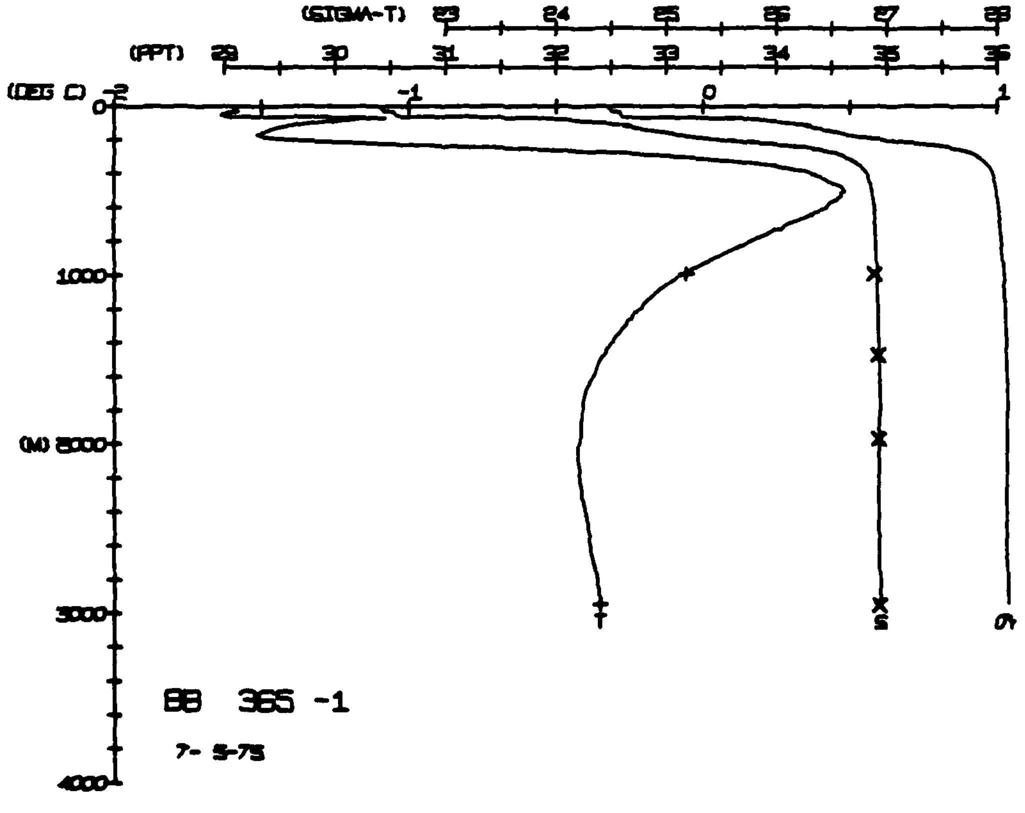
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(M) 2000
3000
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BB 365 -1
7- 5-75
T
S
σt

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BIG BEAR STATION 367(1) STD   6/JUL/1975 1700 GMT  CODE = 2
LAT = 76.3690N LNG = 146.7970W LTER =      0, LGER =      0,
AIR TEMP =    0.3 BAROM = 1011.7 WIND = 275.4 SPEED =  77.6

 DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.56  -1.56  30.35  24.43  350.8  0.000  1435.4
   4.4  -1.56  -1.56  30.35  24.43  350.8  0.016  1435.5
   5.0  -1.56  -1.56  30.35  24.43  350.8  0.018  1435.5
  10.0  -1.56  -1.56  30.35  24.43  350.7  0.035  1435.6
  15.0  -1.56  -1.56  30.36  24.43  350.4  0.053  1435.7
  20.0  -1.56  -1.56  30.36  24.44  350.0  0.071  1435.8
  25.0  -1.55  -1.56  30.37  24.45  349.2  0.088  1435.9
  30.0  -1.58  -1.58  30.46  24.52  342.4  0.106  1436.0
  35.0  -1.59  -1.59  30.48  24.53  340.9  0.123  1436.1
  40.0  -1.60  -1.60  30.50  24.55  339.1  0.140  1436.1
  45.0  -1.60  -1.61  30.52  24.56  337.6  0.157  1436.2
  50.0  -1.61  -1.61  30.53  24.58  336.4  0.174  1436.3
  55.0  -1.62  -1.62  30.55  24.59  335.3  0.191  1436.3
  60.0  -1.61  -1.61  30.59  24.62  332.2  0.208  1436.5
  65.0  -1.51  -1.51  30.84  24.82  312.7  0.224  1437.4
  70.0  -1.17  -1.18  31.58  25.41  256.9  0.238  1440.1
  80.0  -1.11  -1.11  31.95  25.71  228.1  0.263  1441.1
  90.0  -1.22  -1.22  32.16  25.89  211.7  0.285  1441.1
 100.0  -1.30  -1.30  32.32  26.02  199.0  0.306  1441.1
 110.0  -1.37  -1.37  32.49  26.15  186.1  0.325  1441.1
 120.0  -1.41  -1.41  32.61  26.27  175.5  0.343  1441.3
 130.0  -1.44  -1.44  32.72  26.35  167.7  0.361  1441.5
 140.0  -1.46  -1.46  32.84  26.44  158.7  0.377  1441.7
 150.0  -1.49  -1.49  32.96  26.53  149.8  0.393  1441.9
 160.0  -1.51  -1.51  33.03  26.60  143.7  0.407  1442.1
 170.0  -1.52  -1.52  33.14  26.69  135.1  0.421  1442.4
 180.0  -1.50  -1.50  33.27  26.79  125.6  0.435  1442.8
 190.0  -1.48  -1.48  33.39  26.88  116.6  0.447  1443.2
 200.0  -1.44  -1.44  33.51  26.98  107.5  0.458  1443.7
 210.0  -1.37  -1.38  33.66  27.10   95.8  0.468  1444.4
 220.0  -1.23  -1.24  33.87  27.27   79.9  0.477  1445.6
 230.0  -1.06  -1.07  34.08  27.43   64.8  0.485  1446.8
 240.0  -0.88  -0.89  34.19  27.51   57.4  0.491  1447.9
 250.0  -0.68  -0.68  34.31  27.60   49.1  0.496  1449.3
 260.0  -0.52  -0.53  34.41  27.67   42.3  0.501  1450.3
 270.0  -0.39  -0.40  34.48  27.73   37.3  0.505  1451.1
 280.0  -0.29  -0.30  34.55  27.78   32.6  0.508  1451.9
 290.0  -0.18  -0.19  34.60  27.81   29.4  0.511  1452.6
 300.0  -0.10  -0.11  34.62  27.82   28.3  0.514  1453.2
 310.0  -0.03  -0.05  34.65  27.84   26.6  0.517  1453.7
 320.0   0.02   0.01  34.68  27.87   24.6  0.520  1454.1
 330.0   0.08   0.06  34.70  27.88   23.0  0.522  1454.6
 340.0   0.13   0.11  34.72  27.89   21.9  0.524  1455.0
 350.0   0.18   0.16  34.74  27.91   20.6  0.527  1455.4
 370.0   0.26   0.25  34.78  27.93   18.6  0.530  1456.2
 390.0   0.32   0.30  34.80  27.95   17.2  0.534  1456.8
 410.0   0.36   0.35  34.82  27.96   16.3  0.537  1457.4
 430.0   0.39   0.38  34.83  27.97   15.3  0.541  1457.9
 450.0   0.43   0.41  34.84  27.98   14.7  0.544  1458.4
 470.0   0.45   0.43  34.85  27.98   14.1  0.547  1458.8
 490.0   0.48   0.45  34.87  27.99   13.3  0.549  1459.3
 510.0   0.48   0.46  34.87  27.99   13.1  0.552  1459.6
 530.0   0.47   0.45  34.87  28.00   12.9  0.555  1460.0
 550.0   0.47   0.44  34.87  28.00   12.6  0.557  1460.3
 570.0   0.44   0.42  34.88  28.00   12.1  0.560  1460.5
 590.0   0.42   0.39  34.88  28.01   11.7  0.562  1460.7
 610.0   0.39   0.37  34.89  28.01   11.2  0.564  1460.9
 630.0   0.36   0.34  34.89  28.02   10.9  0.567  1461.1
 650.0   0.33   0.31  34.89  28.02   10.5  0.569  1461.3
 670.0   0.31   0.28  34.89  28.02   10.3  0.571  1461.6
 690.0   0.28   0.25  34.89  28.03    9.9  0.573  1461.8
 710.0   0.25   0.22  34.89  28.03    9.7  0.575  1462.0

                          DEPTH     TEMP.      SALIN

      BOT NUM = 1           3.6     -1.55      30.34
      BOT NUM = 2          40.7                30.47
      BOT NUM = 3         244.6     -0.70      34.28
      BOT NUM = 4         498.1      0.47      34.87
      BOT NUM = 5         727.3      0.24      34.90
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BIG BEAR STATION 370(1) STD  10/JUL/1975  500 GMT  CODE = 2
LAT = 76.3850N LNG = 145.6260W LTER =      1, LGER =      2,
AIR TEMP =    0.5 BAROM = 1002.1 WIND = 253.4 SPEED = 122.2

 DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.57  -1.57  30.37  24.44  349.7  0.000  1435.4
   5.0  -1.57  -1.57  30.37  24.44  349.6  0.018  1435.5
   7.6  -1.57  -1.57  30.37  24.44  349.6  0.027  1435.5
  10.0  -1.57  -1.57  30.37  24.45  349.2  0.035  1435.6
  15.0  -1.57  -1.57  30.38  24.45  348.7  0.053  1435.7
  20.0  -1.57  -1.57  30.39  24.46  347.9  0.070  1435.7
  25.0  -1.58  -1.58  30.42  24.48  345.8  0.088  1435.8
  30.0  -1.59  -1.59  30.52  24.56  338.0  0.105  1436.0
  35.0  -1.61  -1.61  30.58  24.61  333.2  0.122  1436.1
  40.0  -1.61  -1.61  30.59  24.62  332.4  0.139  1436.2
  45.0  -1.61  -1.61  30.60  24.63  331.4  0.155  1436.3
  50.0  -1.61  -1.62  30.60  24.64  330.8  0.172  1436.3
  55.0  -1.61  -1.61  30.62  24.65  329.8  0.189  1436.5
  60.0  -1.55  -1.55  30.69  24.70  324.2  0.205  1437.0
  65.0  -1.38  -1.38  30.88  24.86  309.7  0.221  1438.1
  70.0  -1.19  -1.20  31.47  25.32  265.4  0.236  1439.9
  80.0  -1.14  -1.14  31.89  25.66  233.1  0.261  1440.9
  90.0  -1.24  -1.25  32.12  25.85  214.9  0.283  1440.9
 100.0  -1.32  -1.32  32.31  26.01  200.1  0.304  1440.9
 110.0  -1.38  -1.39  32.47  26.14  187.6  0.324  1441.0
 120.0  -1.42  -1.42  32.57  26.22  179.5  0.342  1441.2
 130.0  -1.46  -1.46  32.69  26.32  170.4  0.360  1441.3
 140.0  -1.48  -1.48  32.79  26.40  162.5  0.377  1441.5
 150.0  -1.49  -1.49  32.87  26.47  156.1  0.393  1441.8
 160.0  -1.52  -1.52  32.99  26.56  147.3  0.408  1442.0
 170.0  -1.52  -1.52  33.07  26.63  140.9  0.423  1442.2
 180.0  -1.50  -1.51  33.19  26.72  131.6  0.436  1442.6
 190.0  -1.47  -1.47  33.33  26.84  120.7  0.449  1443.2
 200.0  -1.39  -1.40  33.50  26.98  107.7  0.461  1443.9
 210.0  -1.31  -1.31  33.64  27.08   97.5  0.471  1444.7
 220.0  -1.15  -1.15  33.84  27.24   82.9  0.480  1445.9
 230.0  -0.96  -0.96  34.02  27.38   69.7  0.488  1447.2
 240.0  -0.82  -0.83  34.16  27.49   59.4  0.494  1448.2
 250.0  -0.63  -0.64  34.32  27.61   48.1  0.500  1449.5
 260.0  -0.50  -0.51  34.41  27.68   42.0  0.504  1450.4
 270.0  -0.34  -0.35  34.50  27.74   35.9  0.508  1451.4
 280.0  -0.23  -0.24  34.55  27.78   32.7  0.512  1452.1
 290.0  -0.14  -0.15  34.60  27.81   29.4  0.515  1452.8
 300.0  -0.05  -0.06  34.64  27.84   26.9  0.518  1453.4
 310.0   0.01   0.00  34.67  27.86   25.0  0.520  1453.9
 320.0   0.08   0.07  34.70  27.88   23.1  0.523  1454.4
 330.0   0.14   0.13  34.72  27.90   21.7  0.525  1454.9
 340.0   0.19   0.18  34.75  27.91   20.2  0.527  1455.3
 350.0   0.23   0.21  34.76  27.92   19.3  0.529  1455.7
 370.0   0.27   0.26  34.79  27.94   17.8  0.533  1456.3
 390.0   0.32   0.30  34.80  27.95   16.8  0.536  1456.8
 410.0   0.35   0.34  34.82  27.96   15.8  0.540  1457.3
 430.0   0.39   0.37  34.83  27.97   15.0  0.543  1457.9
 450.0   0.41   0.39  34.85  27.98   14.4  0.546  1458.3
 470.0   0.43   0.41  34.85  27.98   14.0  0.549  1458.7
 490.0   0.45   0.43  34.86  27.99   13.3  0.551  1459.2
 510.0   0.45   0.43  34.87  27.99   13.1  0.554  1459.5
 530.0   0.45   0.42  34.87  28.00   13.0  0.557  1459.8
 550.0   0.43   0.41  34.87  28.00   12.4  0.559  1460.1
 570.0   0.42   0.39  34.88  28.01   11.9  0.562  1460.4
 590.0   0.39   0.37  34.88  28.01   11.6  0.564  1460.6
 610.0   0.37   0.34  34.89  28.01   11.1  0.566  1460.8
 630.0   0.35   0.32  34.89  28.02   10.8  0.569  1461.1
 650.0   0.32   0.29  34.89  28.02   10.4  0.571  1461.3
 670.0   0.29   0.26  34.89  28.03   10.0  0.573  1461.5
 690.0   0.27   0.24  34.90  28.03    9.7  0.575  1461.7
 710.0   0.24   0.21  34.90  28.03    9.4  0.577  1461.9
 725.7   0.22   0.18  34.90  28.03    9.1  0.578  1462.1

                          DEPTH     TEMP.      SALIN

      BOT NUM = 1           3.6     -1.58      30.36
      BOT NUM = 2          39.5                30.58
      BOT NUM = 3         489.0                34.87
      BOT NUM = 4         725.7                34.90
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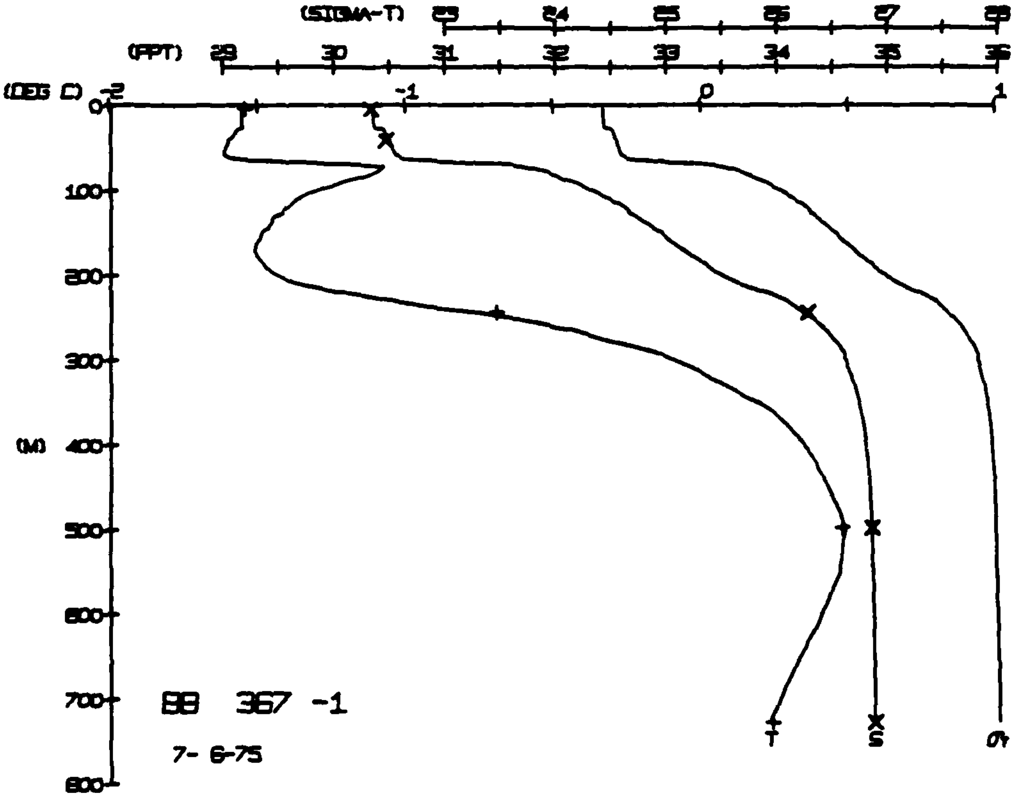

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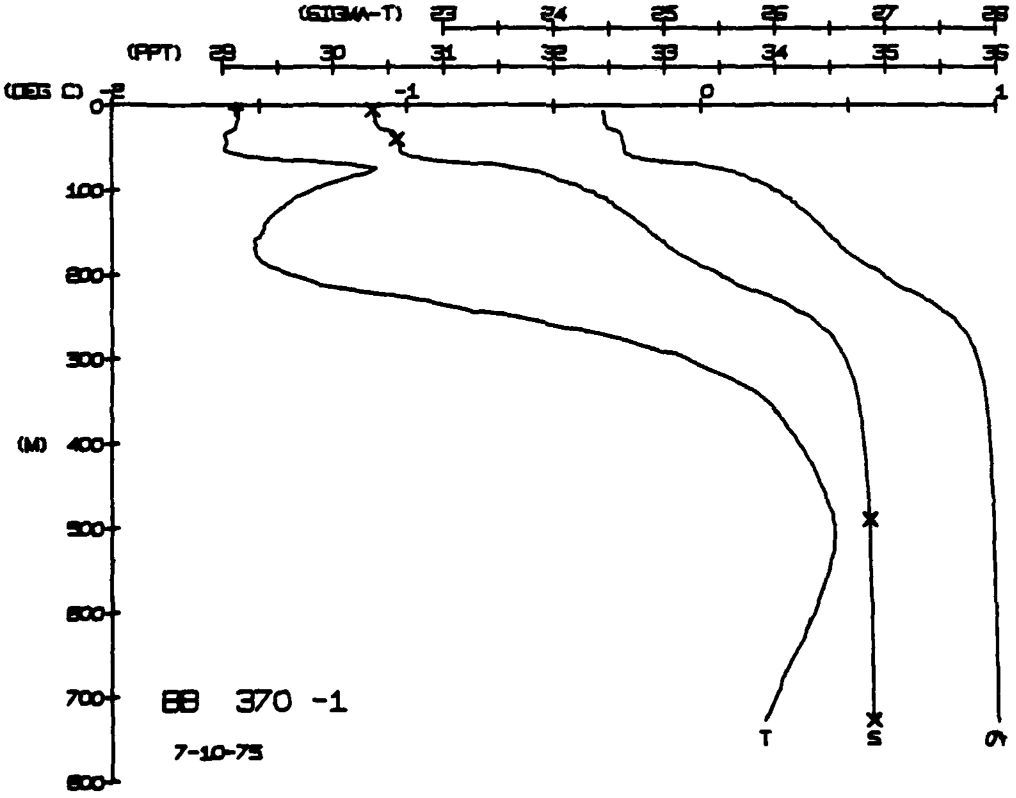
7- 6-75



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7-10-75

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BIG BEAR STATION 372(1) STD  10/JUL/1975 1700 GMT  CODE = 2
LAT = 76.3403N LNG = 145.3510W LTER =        1, LGER =       2,
AIR TEMP =    0.5 BARUM = 1007.9 WIND = 253.4 SPEED = 122.2

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.60   -1.60   30.40   24.47   347.5   0.000   1435.3
   5.0   -1.60   -1.60   30.40   24.47   347.4   0.017   1435.4
   6.8   -1.60   -1.60   30.40   24.47   347.4   0.024   1435.4
  10.0   -1.60   -1.60   30.40   24.47   347.3   0.035   1435.4
  15.0   -1.60   -1.60   30.40   24.47   347.0   0.052   1435.5
  20.0   -1.60   -1.60   30.41   24.48   346.4   0.070   1435.6
  25.0   -1.60   -1.60   30.43   24.50   344.4   0.087   1435.7
  30.0   -1.60   -1.60   30.44   24.50   343.5   0.105   1435.9
  35.0   -1.59   -1.59   30.50   24.55   338.7   0.122   1436.0
  40.0   -1.61   -1.61   30.56   24.60   334.4   0.139   1436.2
  45.0   -1.62   -1.62   30.57   24.61   333.2   0.156   1436.2
  50.0   -1.63   -1.63   30.58   24.62   332.5   0.172   1436.3
  55.0   -1.63   -1.63   30.60   24.63   331.3   0.189   1436.3
  60.0   -1.61   -1.61   30.66   24.68   326.6   0.206   1436.6
  65.0   -1.50   -1.50   30.83   24.82   313.5   0.222   1437.4
  70.0   -1.31   -1.31   31.19   25.10   286.6   0.237   1438.9
  80.0   -1.17   -1.17   31.93   25.70   229.9   0.263   1440.8
  90.0   -1.28   -1.28   32.20   25.92   208.3   0.285   1440.8
 100.0   -1.35   -1.35   32.36   26.05   196.1   0.305   1440.9
 110.0   -1.40   -1.41   32.50   26.16   185.4   0.325   1441.0
 120.0   -1.43   -1.44   32.61   26.25   176.7   0.343   1441.2
 130.0   -1.47   -1.47   32.70   26.33   169.4   0.360   1441.3
 140.0   -1.49   -1.50   32.80   26.41   161.8   0.377   1441.5
 150.0   -1.51   -1.51   32.89   26.48   154.8   0.393   1441.7
 160.0   -1.51   -1.52   32.97   26.55   148.5   0.408   1442.0
 170.0   -1.52   -1.53   33.06   26.62   141.5   0.423   1442.2
 180.0   -1.51   -1.52   33.17   26.71   132.8   0.437   1442.6
 190.0   -1.48   -1.48   33.33   26.84   120.7   0.450   1443.1
 200.0   -1.41   -1.42   33.50   26.97   108.2   0.461   1443.8
 210.0   -1.31   -1.32   33.66   27.10    96.2   0.471   1444.7
 220.0   -1.18   -1.19   33.81   27.22    84.8   0.481   1445.7
 230.0   -1.05   -1.06   33.97   27.34    73.1   0.489   1446.7
 240.0   -0.88   -0.89   34.15   27.48    60.4   0.495   1447.9
 250.0   -0.71   -0.72   34.27   27.57    52.0   0.501   1449.0
 260.0   -0.55   -0.56   34.37   27.65    44.6   0.506   1450.1
 270.0   -0.43   -0.44   34.45   27.71    39.3   0.510   1450.9
 280.0   -0.31   -0.32   34.52   27.76    34.7   0.514   1451.7
 290.0   -0.18   -0.19   34.58   27.80    30.8   0.517   1452.6
 300.0   -0.08   -0.09   34.63   27.83    27.5   0.520   1453.3
 310.0    0.00   -0.01   34.66   27.85    25.6   0.523   1453.8
 320.0    0.06    0.04   34.69   27.88    23.6   0.525   1454.3
 330.0    0.11    0.09   34.72   27.89    22.2   0.528   1454.7
 340.0    0.15    0.14   34.74   27.91    20.9   0.530   1455.1
 350.0    0.19    0.18   34.76   27.92    19.6   0.532   1455.5
 370.0    0.26    0.25   34.78   27.94    18.2   0.536   1456.2
 390.0    0.31    0.30   34.80   27.95    17.0   0.539   1456.8
 410.0    0.35    0.34   34.82   27.96    15.7   0.542   1457.3
 430.0    0.39    0.37   34.83   27.97    15.1   0.546   1457.8
 450.0    0.41    0.39   34.84   27.98    14.5   0.549   1458.3
 470.0    0.43    0.40   34.85   27.98    13.9   0.551   1458.7
 490.0    0.44    0.42   34.86   27.99    13.4   0.554   1459.1
 510.0    0.45    0.42   34.87   27.99    13.0   0.557   1459.5
 530.0    0.44    0.42   34.87   28.00    12.7   0.559   1459.8
 550.0    0.43    0.41   34.87   28.00    12.4   0.562   1460.1
 570.0    0.41    0.38   34.88   28.00    12.1   0.564   1460.3
 590.0    0.39    0.36   34.88   28.01    11.7   0.567   1460.6
 610.0    0.37    0.34   34.88   28.01    11.4   0.569   1460.8
 630.0    0.35    0.32   34.89   28.02    11.0   0.571   1461.1
 650.0    0.32    0.29   34.89   28.02    10.6   0.574   1461.3
 670.0    0.30    0.26   34.89   28.02    10.1   0.576   1461.5
 690.0    0.27    0.24   34.90   28.03     9.8   0.578   1461.7
 710.0    0.25    0.22   34.90   28.03     9.5   0.580   1462.0
 725.6    0.22    0.19   34.90   28.03     9.3   0.581   1462.1

                          DEPTH       TEMP.       SALIN

     BOT NUM = 1            3.6                   30.35
     BOT NUM = 2           39.1                   30.54
     BOT NUM = 3          250.7       -0.71       34.26
     BOT NUM = 4          497.5        0.44       34.86
     BOT NUM = 5          726.4                   34.89
```

```
BIG BEAR STATION 374(1) STD  11/JUL/1975  500 GMT  CODE = 2
LAT = 76.3156N LNG = 145.2321W LTER =        1, LGFR =       2,
AIR TEMP =    0.1 BARUM = 1011.2 WIND = 291.4 SPEED =  45.7

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.59   -1.59   30.41   24.48   346.5   0.000   1435.4
  3.6   -1.59   -1.59   30.41   24.48   346.4   0.013   1435.4
  5.0   -1.59   -1.59   30.41   24.48   346.4   0.017   1435.4
 10.0   -1.59   -1.59   30.42   24.48   345.8   0.035   1435.5
 15.0   -1.59   -1.59   30.42   24.49   345.4   0.052   1435.6
 20.0   -1.59   -1.59   30.42   24.49   345.1   0.070   1435.7
 25.0   -1.59   -1.59   30.42   24.49   345.4   0.087   1435.8
 30.0   -1.59   -1.59   30.43   24.49   344.9   0.104   1435.9
 35.0   -1.59   -1.59   30.43   24.49   344.4   0.122   1436.0
 40.0   -1.58   -1.58   30.45   24.51   342.7   0.139   1436.1
 45.0   -1.59   -1.59   30.49   24.54   339.9   0.156   1436.2
 50.0   -1.59   -1.59   30.53   24.58   336.4   0.173   1436.3
 55.0   -1.61   -1.61   30.56   24.60   334.5   0.190   1436.4
 60.0   -1.54   -1.55   30.70   24.71   323.8   0.207   1437.0
 65.0   -1.21   -1.21   31.23   25.14   283.2   0.222   1439.4
 70.0   -1.13   -1.13   31.69   25.50   248.1   0.235   1440.5
 80.0   -1.18   -1.19   32.02   25.77   223.1   0.259   1440.9
 90.0   -1.28   -1.28   32.18   25.90   210.1   0.281   1440.8
100.0   -1.34   -1.35   32.32   26.02   199.1   0.307   1440.9
110.0   -1.40   -1.40   32.46   26.13   188.5   0.321   1441.0
120.0   -1.43   -1.44   32.58   26.23   178.9   0.340   1441.1
130.0   -1.47   -1.47   32.72   26.34   168.3   0.357   1441.3
140.0   -1.49   -1.50   32.82   26.43   160.1   0.374   1441.5
150.0   -1.51   -1.51   32.93   26.52   151.4   0.390   1441.8
160.0   -1.52   -1.52   33.02   26.59   144.6   0.404   1442.0
170.0   -1.52   -1.53   33.12   26.67   137.2   0.419   1442.3
180.0   -1.51   -1.51   33.21   26.74   130.2   0.432   1442.7
190.0   -1.45   -1.46   33.35   26.86   119.0   0.445   1443.3
200.0   -1.40   -1.40   33.48   26.96   109.6   0.456   1443.9
210.0   -1.26   -1.27   33.71   27.14    92.5   0.467   1445.0
220.0   -1.11   -1.11   33.90   27.29    78.4   0.475   1446.2
230.0   -0.94   -0.95   34.07   27.42    66.4   0.482   1447.3
240.0   -0.76   -0.77   34.22   27.54    55.0   0.489   1448.6
250.0   -0.60   -0.61   34.33   27.62    47.7   0.494   1449.6
260.0   -0.48   -0.49   34.41   27.68    42.0   0.498   1450.5
270.0   -0.36   -0.37   34.48   27.73    37.2   0.502   1451.3
280.0   -0.26   -0.27   34.53   27.76    34.2   0.506   1452.0
290.0   -0.17   -0.18   34.58   27.80    31.0   0.509   1452.6
300.0   -0.08   -0.09   34.62   27.82    28.5   0.512   1453.2
310.0   -0.02   -0.03   34.65   27.85    26.2   0.515   1453.8
320.0    0.03    0.02   34.68   27.87    24.4   0.518   1454.2
330.0    0.09    0.07   34.71   27.89    22.6   0.520   1454.6
340.0    0.14    0.12   34.73   27.90    21.5   0.522   1455.1
350.0    0.18    0.16   34.74   27.91    20.4   0.524   1455.4
370.0    0.24    0.23   34.77   27.93    18.7   0.528   1456.1
390.0    0.30    0.28   34.80   27.95    17.3   0.532   1456.7
410.0    0.34    0.32   34.81   27.96    16.3   0.535   1457.2
430.0    0.37    0.35   34.82   27.96    15.7   0.538   1457.8
450.0    0.40    0.38   34.83   27.97    15.0   0.542   1458.2
470.0    0.42    0.40   34.85   27.98    14.4   0.545   1458.7
490.0    0.44    0.42   34.85   27.98    14.0   0.547   1459.1
510.0    0.45    0.42   34.86   27.99    13.5   0.550   1459.5
530.0    0.44    0.41   34.86   27.99    13.3   0.553   1459.8
550.0    0.43    0.40   34.87   27.99    13.0   0.556   1460.1
570.0    0.41    0.38   34.87   28.00    12.7   0.558   1460.3
590.0    0.39    0.36   34.87   28.00    12.2   0.561   1460.6
610.0    0.37    0.34   34.88   28.01    11.8   0.563   1460.8
630.0    0.35    0.32   34.88   28.01    11.4   0.565   1461.1
650.0    0.33    0.30   34.88   28.01    11.1   0.568   1461.3
670.0    0.29    0.26   34.88   28.02    10.8   0.570   1461.5
690.0    0.27    0.24   34.89   28.02    10.5   0.572   1461.7
710.0    0.24    0.21   34.89   28.02     9.9   0.574   1461.9

                          DEPTH       TEMP.       SALIN

     BOT NUM = 1            3.6       -1.60       30.40
     BOT NUM = 2           40.2                   30.43
     BOT NUM = 3          246.2       -0.65       34.31
     BOT NUM = 4          496.7        0.44       34.86
     BOT NUM = 5          730.5        0.23       34.90
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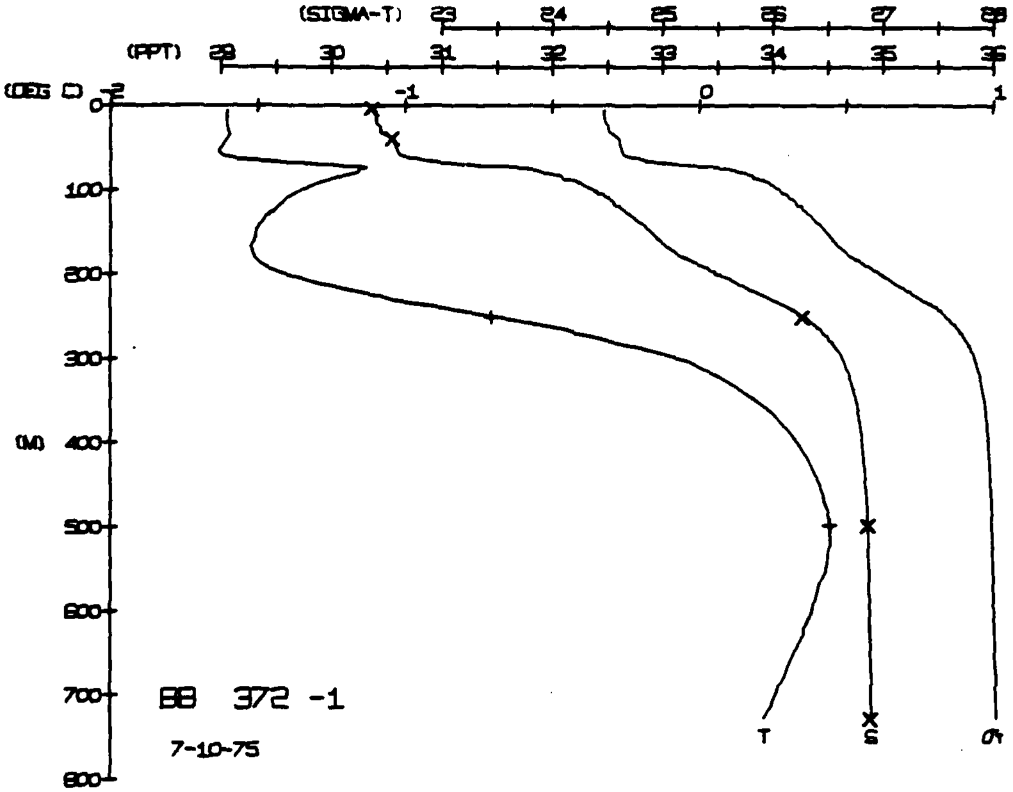
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M)
0
100
200
300
400
500
600
700
800
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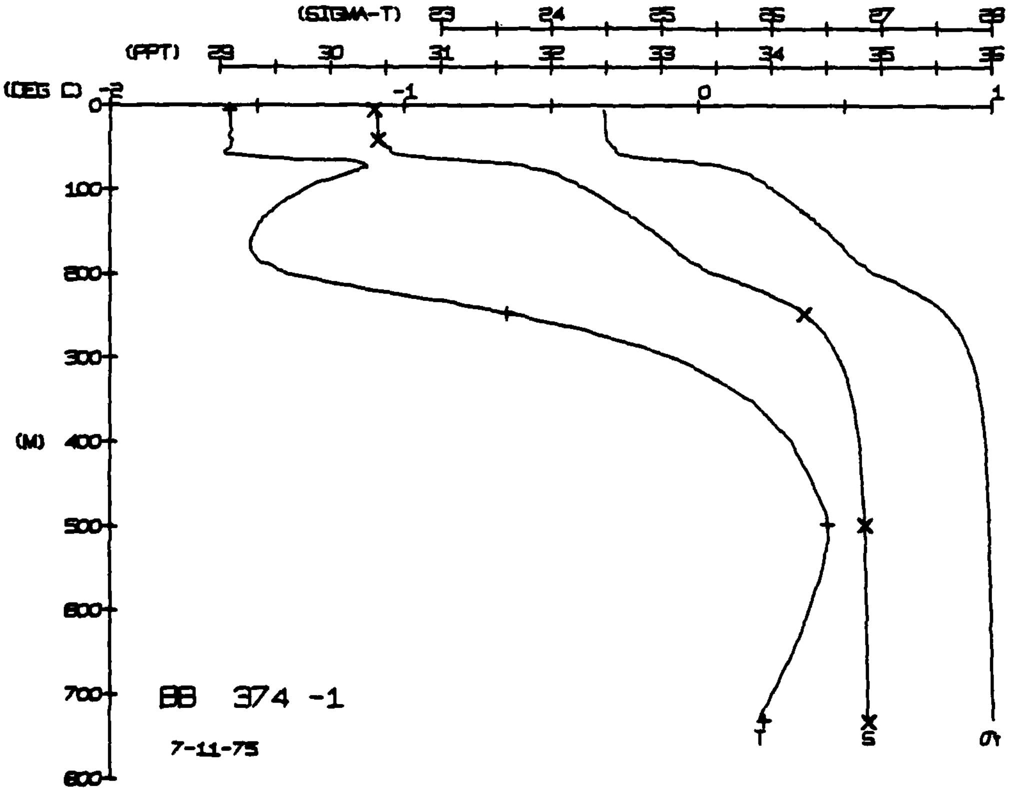
(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M)
0
100
200
300
400
500
600
700
800
BB 374 -1
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BIG BEAR STATION 376(1) STD  11/JUL/1975 1700 GMT  CODE = 2
LAT = 76.3057N LNG = 145.1487W LTER =       1, LGER =      2,
AIR TEMP =    0.1 BARUM = 1014.7 WIND = 291.4 SPEED =  45.7

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.59   -1.59   30.39   24.46   348.0   0.000   1435.3
   5.0   -1.59   -1.59   30.39   24.46   348.0   0.018   1435.4
   5.2   -1.59   -1.59   30.39   24.46   348.0   0.018   1435.4
  10.0   -1.59   -1.59   30.39   24.46   347.6   0.035   1435.5
  15.0   -1.59   -1.59   30.40   24.47   347.2   0.053   1435.6
  20.0   -1.59   -1.59   30.40   24.47   346.9   0.070   1435.7
  25.0   -1.59   -1.59   30.41   24.47   346.5   0.087   1435.8
  30.0   -1.59   -1.59   30.41   24.48   346.1   0.105   1435.8
  35.0   -1.59   -1.59   30.42   24.48   345.5   0.122   1435.9
  40.0   -1.60   -1.60   30.43   24.49   344.4   0.140   1436.0
  45.0   -1.60   -1.60   30.47   24.53   341.2   0.157   1436.1
  50.0   -1.61   -1.61   30.55   24.59   334.9   0.174   1436.3
  55.0   -1.63   -1.63   30.58   24.61   332.9   0.191   1436.3
  60.0   -1.55   -1.55   30.75   24.75   319.8   0.207   1437.0
  65.0   -1.32   -1.33   31.09   25.03   293.6   0.223   1438.7
  70.0   -1.17   -1.17   31.54   25.38   259.5   0.237   1440.1
  80.0   -1.13   -1.13   31.81   25.60   238.8   0.262   1440.8
  90.0   -1.23   -1.23   32.04   25.79   220.9   0.285   1440.9
 100.0   -1.32   -1.32   32.27   25.98   202.9   0.306   1440.9
 110.0   -1.39   -1.39   32.43   26.11   190.7   0.326   1440.9
 120.0   -1.44   -1.45   32.57   26.22   179.7   0.345   1441.1
 130.0   -1.48   -1.49   32.67   26.30   171.9   0.363   1441.2
 140.0   -1.51   -1.51   32.78   26.39   163.2   0.379   1441.4
 150.0   -1.52   -1.52   32.88   26.47   155.7   0.396   1441.6
 160.0   -1.53   -1.53   32.97   26.55   148.1   0.411   1441.9
 170.0   -1.53   -1.53   33.09   26.64   139.3   0.425   1442.2
 180.0   -1.51   -1.52   33.21   26.74   130.0   0.439   1442.6
 190.0   -1.48   -1.49   33.33   26.84   120.5   0.452   1443.1
 200.0   -1.41   -1.42   33.48   26.96   109.1   0.463   1443.8
 210.0   -1.31   -1.31   33.64   27.09    97.4   0.474   1444.7
 220.0   -1.19   -1.20   33.82   27.22    84.5   0.483   1445.6
 230.0   -1.03   -1.04   34.01   27.37    70.5   0.491   1446.9
 240.0   -0.85   -0.85   34.17   27.50    58.7   0.497   1448.1
 250.0   -0.67   -0.68   34.30   27.59    49.8   0.503   1449.3
 260.0   -0.53   -0.54   34.39   27.66    43.7   0.507   1450.2
 270.0   -0.41   -0.42   34.47   27.72    38.1   0.511   1451.0
 280.0   -0.28   -0.29   34.54   27.77    33.3   0.515   1451.9
 290.0   -0.15   -0.16   34.59   27.81    30.0   0.518   1452.7
 300.0   -0.07   -0.08   34.64   27.84    27.0   0.521   1453.4
 310.0    0.00   -0.01   34.67   27.86    25.0   0.524   1453.9
 320.0    0.06    0.04   34.70   27.88    23.2   0.526   1454.3
 330.0    0.11    0.09   34.72   27.90    21.6   0.528   1454.8
 340.0    0.15    0.14   34.74   27.91    20.3   0.531   1455.2
 350.0    0.19    0.18   34.76   27.92    19.3   0.533   1455.5
 370.0    0.25    0.24   34.79   27.94    17.7   0.536   1456.2
 390.0    0.30    0.28   34.81   27.95    16.6   0.540   1456.7
 410.0    0.34    0.32   34.82   27.96    15.8   0.543   1457.3
 430.0    0.37    0.35   34.83   27.97    15.1   0.546   1457.8
 450.0    0.40    0.38   34.84   27.98    14.3   0.549   1458.3
 470.0    0.42    0.40   34.85   27.99    13.8   0.552   1458.7
 490.0    0.44    0.42   34.86   27.99    13.3   0.555   1459.1
 510.0    0.44    0.42   34.87   28.00    12.8   0.557   1459.5
 530.0    0.44    0.42   34.87   28.00    12.5   0.560   1459.8
 550.0    0.43    0.40   34.88   28.00    12.2   0.562   1460.1
 570.0    0.41    0.39   34.88   28.01    11.8   0.565   1460.4
 590.0    0.39    0.37   34.88   28.01    11.6   0.567   1460.6
 610.0    0.38    0.35   34.89   28.01    11.1   0.569   1460.9
 630.0    0.35    0.32   34.89   28.02    10.7   0.572   1461.1
 650.0    0.32    0.29   34.89   28.02    10.2   0.574   1461.3
 670.0    0.29    0.26   34.90   28.03     9.9   0.576   1461.5
 690.0    0.27    0.24   34.90   28.03     9.5   0.578   1461.7
 710.0    0.24    0.20   34.90   28.03     9.2   0.580   1461.9
 726.9    0.21    0.18   34.90   28.04     8.9   0.581   1462.1

                        DEPTH       TEMP.       SALIN

      BOT NUM = 1         3.6                   30.39
      BOT NUM = 2        38.6                   30.43
      BOT NUM = 3       250.9       -0.69       34.29
      BOT NUM = 4       498.4        0.44       34.86
      BOT NUM = 5       728.2        0.22       34.89
```

```
BIG BEAR STATION 378(1) STD  12/JUL/1975  500 GMT  CODE = 2
LAT = 76.3099N LNG = 145.1071W LTER =       1, LGER =      2,
AIR TEMP =   -0.1 BARUM = 1016.3 WIND = 123.4 SPEED =    9.9

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.59   -1.59   30.24   24.34   359.8   0.000   1435.1
   5.0   -1.59   -1.59   30.24   24.34   359.7   0.018   1435.2
   5.2   -1.59   -1.59   30.24   24.34   359.7   0.019   1435.2
  10.0   -1.59   -1.59   30.26   24.36   357.8   0.036   1435.3
  15.0   -1.59   -1.59   30.27   24.36   357.2   0.054   1435.4
  20.0   -1.60   -1.60   30.28   24.37   356.3   0.072   1435.5
  25.0   -1.60   -1.60   30.29   24.38   355.7   0.090   1435.5
  30.0   -1.60   -1.60   30.29   24.38   355.2   0.108   1435.6
  35.0   -1.60   -1.60   30.30   24.39   354.6   0.126   1435.7
  40.0   -1.60   -1.60   30.32   24.41   352.7   0.144   1435.9
  45.0   -1.61   -1.61   30.36   24.44   349.6   0.161   1435.9
  50.0   -1.63   -1.63   30.44   24.50   343.8   0.179   1436.1
  55.0   -1.63   -1.63   30.46   24.52   342.0   0.196   1436.1
  60.0   -1.58   -1.58   30.55   24.59   335.3   0.213   1436.6
  65.0   -1.26   -1.26   30.96   24.92   303.8   0.229   1438.8
  70.0   -1.13   -1.13   31.28   25.17   279.7   0.244   1439.9
  80.0   -1.14   -1.14   31.68   25.49   249.2   0.271   1440.6
  90.0   -1.27   -1.27   32.02   25.77   222.5   0.294   1440.6
 100.0   -1.36   -1.36   32.21   25.93   207.4   0.316   1440.6
 110.0   -1.42   -1.42   32.36   26.05   195.9   0.336   1440.7
 120.0   -1.46   -1.46   32.48   26.15   186.7   0.356   1440.9
 130.0   -1.50   -1.50   32.61   26.26   176.2   0.374   1441.0
 140.0   -1.52   -1.52   32.73   26.35   167.2   0.391   1441.3
 150.0   -1.53   -1.53   32.84   26.44   158.6   0.408   1441.5
 160.0   -1.54   -1.54   32.94   26.52   150.9   0.423   1441.8
 170.0   -1.53   -1.53   33.03   26.59   144.0   0.438   1442.1
 180.0   -1.52   -1.52   33.13   26.67   136.4   0.452   1442.5
 190.0   -1.49   -1.49   33.26   26.78   126.5   0.466   1443.0
 200.0   -1.42   -1.42   33.40   26.90   115.3   0.478   1443.7
 210.0   -1.30   -1.31   33.57   27.03   103.0   0.489   1444.6
 220.0   -1.15   -1.16   33.77   27.19    88.0   0.499   1445.8
 230.0   -0.97   -0.98   33.98   27.35    72.9   0.507   1447.1
 240.0   -0.77   -0.78   34.15   27.48    60.4   0.513   1448.4
 250.0   -0.63   -0.64   34.28   27.58    51.3   0.519   1449.4
 260.0   -0.50   -0.51   34.38   27.65    44.7   0.524   1450.3
 270.0   -0.36   -0.37   34.46   27.71    38.6   0.528   1451.3
 280.0   -0.25   -0.26   34.53   27.76    34.2   0.532   1452.0
 290.0   -0.15   -0.16   34.59   27.80    30.3   0.535   1452.7
 300.0   -0.07   -0.08   34.64   27.84    27.0   0.538   1453.4
 310.0    0.00   -0.01   34.68   27.87    24.1   0.540   1453.9
 320.0    0.06    0.04   34.71   27.89    22.5   0.543   1454.3
 330.0    0.11    0.09   34.73   27.90    21.0   0.545   1454.8
 340.0    0.14    0.12   34.74   27.91    20.3   0.547   1455.1
 350.0    0.18    0.17   34.75   27.91    20.1   0.549   1455.5
 370.0    0.26    0.24   34.78   27.93    18.6   0.553   1456.2
 390.0    0.31    0.29   34.80   27.94    17.4   0.557   1456.8
 410.0    0.34    0.33   34.81   27.96    16.3   0.560   1457.3
 430.0    0.38    0.36   34.83   27.97    15.6   0.563   1457.8
 450.0    0.40    0.38   34.84   27.97    15.0   0.566   1458.3
 470.0    0.42    0.40   34.85   27.98    14.4   0.569   1458.7
 490.0    0.43    0.41   34.85   27.98    14.0   0.572   1459.1
 510.0    0.43    0.41   34.86   27.99    13.4   0.575   1459.4
 530.0    0.42    0.40   34.87   27.99    13.0   0.578   1459.7
 550.0    0.41    0.38   34.87   28.00    12.7   0.580   1460.0
 570.0    0.39    0.37   34.87   28.00    12.3   0.583   1460.2
 590.0    0.37    0.34   34.88   28.01    11.9   0.585   1460.5
 610.0    0.35    0.32   34.88   28.01    11.5   0.588   1460.7
 630.0    0.32    0.29   34.88   28.01    11.0   0.590   1460.9
 650.0    0.30    0.28   34.89   28.02    10.7   0.592   1461.2
 670.0    0.28    0.25   34.89   28.02    10.3   0.594   1461.4
 690.0    0.25    0.22   34.89   28.03     9.9   0.596   1461.6
 710.0    0.23    0.20   34.89   28.03     9.6   0.598   1461.9
 724.7    0.21    0.18   34.90   28.03     9.1   0.600   1462.1

                        DEPTH       TEMP.       SALIN

      BOT NUM = 1         3.6       -1.58       30.37
      BOT NUM = 2       247.9       -0.64       34.31
      BOT NUM = 3       498.3        0.44       34.86
      BOT NUM = 4       728.2        0.23       34.89
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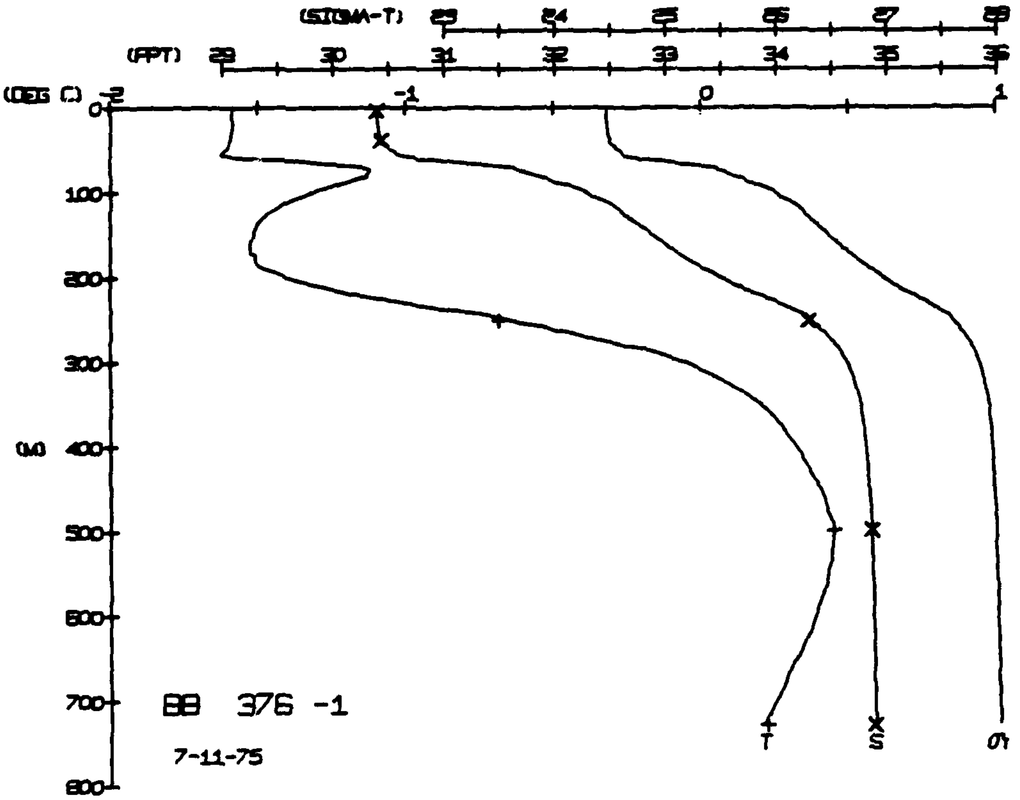

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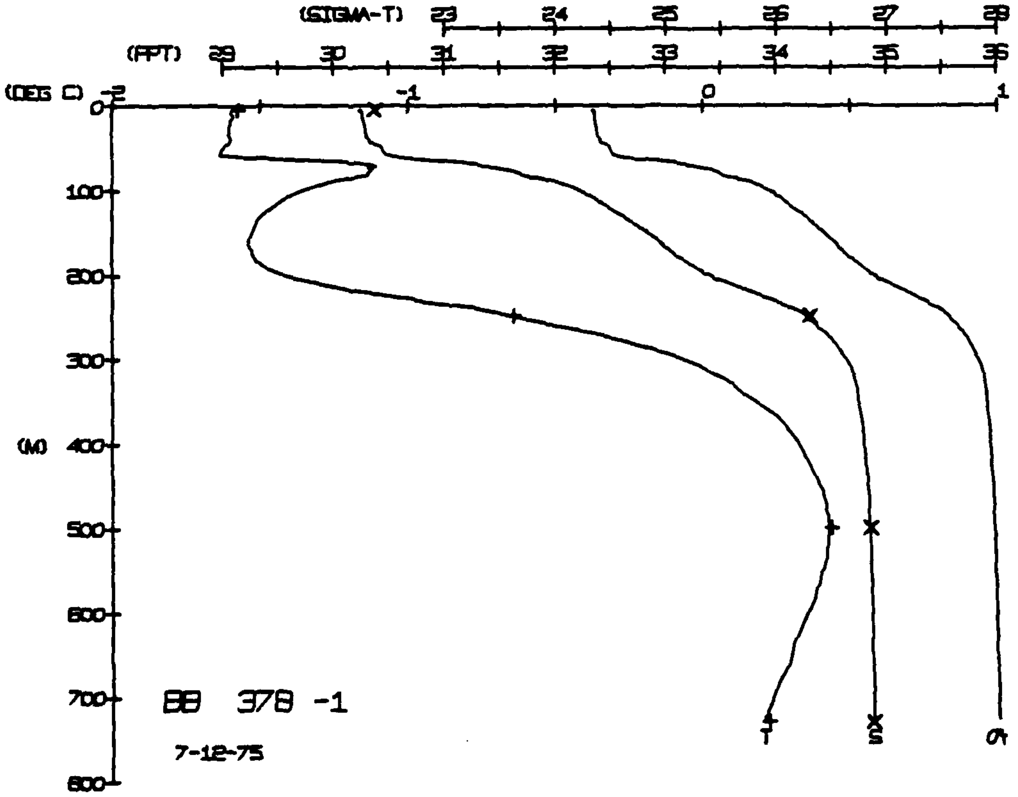
7-11-75



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7-12-75

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                         BIG BEAR STATION 380(1) STD  12/JUL/1975 1700 GMT  CODE = 2
                          LAT = 76.3226N LNG = 145.1084W LTER =     0. LGER =     0.
                          AIR TEMP =  -0.1 BAROM = 1016.7 WIND =  85.0 SPEED =  27.6

 DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVUL  DYNHT  SOUND          DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.49  -1.49  30.38  24.45  348.8  0.000  1435.8         850.0   0.06   0.02  34.90  28.05    7.6  0.587  1463.5
   3.6  -1.49  -1.49  30.38  24.45  348.7  0.013  1435.9         900.0   0.00  -0.04  34.91  28.05    6.9  0.591  1464.0
   5.0  -1.50  -1.50  30.38  24.45  348.7  0.018  1435.8         950.0  -0.05  -0.09  34.91  28.06    6.5  0.595  1464.6
  10.0  -1.56  -1.56  30.42  24.49  345.3  0.035  1435.7        1000.0  -0.09  -0.14  34.91  28.06    6.0  0.598  1465.3
  15.0  -1.59  -1.59  30.44  24.50  344.0  0.052  1435.6        1050.0  -0.14  -0.18  34.91  28.06    5.3  0.601  1465.9
  20.0  -1.59  -1.59  30.45  24.51  343.3  0.070  1435.7        1100.0  -0.17  -0.22  34.92  28.07    4.9  0.603  1466.6
  25.0  -1.59  -1.59  30.45  24.51  342.8  0.087  1435.8        1150.0  -0.20  -0.25  34.92  28.07    4.5  0.605  1467.3
  30.0  -1.60  -1.60  30.46  24.52  342.4  0.104  1435.9        1200.0  -0.23  -0.29  34.92  28.07    4.1  0.608  1468.0
  35.0  -1.60  -1.60  30.46  24.52  342.0  0.121  1436.0        1250.0  -0.26  -0.31  34.92  28.08    3.7  0.610  1468.7
  40.0  -1.60  -1.60  30.45  24.51  342.7  0.139  1436.0        1300.0  -0.28  -0.34  34.92  28.08    3.4  0.611  1469.5
  45.0  -1.60  -1.60  30.46  24.52  341.9  0.156  1436.1        1350.0  -0.31  -0.37  34.93  28.08    3.0  0.613  1470.2
  50.0  -1.60  -1.61  30.55  24.59  335.2  0.173  1436.3        1400.0  -0.33  -0.39  34.93  28.08    2.8  0.614  1470.9
  55.0  -1.62  -1.63  30.60  24.63  331.4  0.190  1436.4        1450.0  -0.35  -0.41  34.93  28.09    2.4  0.616  1471.7
  60.0  -1.56  -1.56  30.72  24.73  322.1  0.206  1436.9        1500.0  -0.37  -0.44  34.93  28.09    2.0  0.617  1472.5
  65.0  -1.42  -1.42  30.99  24.94  301.4  0.222  1438.0        1550.0  -0.38  -0.46  34.93  28.09    1.9  0.618  1473.2
  70.0  -1.16  -1.16  31.57  25.41  257.5  0.236  1440.2        1600.0  -0.40  -0.48  34.93  28.09    1.7  0.619  1474.0
  80.0  -1.18  -1.18  31.96  25.72  227.1  0.260  1440.8        1650.0  -0.41  -0.49  34.93  28.09    1.4  0.620  1474.8
  90.0  -1.27  -1.27  32.18  25.90  210.1  0.282  1440.9        1700.0  -0.42  -0.50  34.93  28.09    1.3  0.620  1475.6
 100.0  -1.36  -1.36  32.35  26.04  196.5  0.303  1440.9        1750.0  -0.43  -0.51  34.93  28.09    1.2  0.621  1476.4
 110.0  -1.40  -1.41  32.46  26.13  188.1  0.322  1440.9        1800.0  -0.43  -0.52  34.93  28.09    1.0  0.621  1477.2
 120.0  -1.45  -1.45  32.56  26.21  180.7  0.341  1441.0        1850.0  -0.43  -0.53  34.93  28.09    1.0  0.622  1478.1
 130.0  -1.48  -1.49  32.68  26.31  170.7  0.359  1441.2        1900.0  -0.43  -0.53  34.93  28.09    0.8  0.622  1478.9
 140.0  -1.51  -1.51  32.79  26.40  162.3  0.376  1441.4        1950.0  -0.43  -0.53  34.93  28.09    0.8  0.623  1479.8
 150.0  -1.52  -1.53  32.90  26.49  153.8  0.391  1441.7        2000.0  -0.43  -0.54  34.93  28.09    0.8  0.623  1480.6
 160.0  -1.53  -1.53  32.99  26.56  147.2  0.407  1441.9        2050.0  -0.43  -0.54  34.93  28.09    0.8  0.624  1481.5
 170.0  -1.53  -1.53  33.10  26.65  138.3  0.421  1442.2        2100.0  -0.43  -0.54  34.93  28.09    0.8  0.624  1482.3
 180.0  -1.51  -1.51  33.23  26.75  128.7  0.435  1442.7        2150.0  -0.43  -0.55  34.93  28.09    0.6  0.624  1483.2
 190.0  -1.46  -1.47  33.38  26.88  116.9  0.447  1443.3        2200.0  -0.43  -0.54  34.93  28.09    0.8  0.625  1484.1
 200.0  -1.41  -1.41  33.50  26.97  108.2  0.458  1443.9        2250.0  -0.42  -0.54  34.93  28.09    0.8  0.625  1484.9
 210.0  -1.29  -1.29  33.68  27.11   94.8  0.469  1444.8        2300.0  -0.42  -0.54  34.93  28.09    0.7  0.625  1485.8
 220.0  -1.13  -1.13  33.87  27.26   80.8  0.477  1446.0        2350.0  -0.41  -0.54  34.93  28.09    0.6  0.626  1486.7
 230.0  -0.97  -0.98  34.04  27.39   68.5  0.485  1447.2        2400.0  -0.41  -0.54  34.93  28.09    0.6  0.626  1487.5
 240.0  -0.79  -0.80  34.20  27.52   56.6  0.491  1448.4        2450.0  -0.41  -0.54  34.93  28.09    0.6  0.626  1488.4
 250.0  -0.63  -0.64  34.32  27.61   48.5  0.497  1449.5        2500.0  -0.40  -0.54  34.93  28.09    0.6  0.627  1489.3
 260.0  -0.51  -0.52  34.40  27.67   42.8  0.501  1450.3        2550.0  -0.40  -0.54  34.93  28.09    0.7  0.627  1490.2
 270.0  -0.39  -0.40  34.47  27.72   38.4  0.505  1451.1        2600.0  -0.40  -0.54  34.93  28.09    0.5  0.627  1491.0
 280.0  -0.29  -0.30  34.53  27.76   34.4  0.509  1451.8        2650.0  -0.39  -0.54  34.93  28.09    0.4  0.628  1491.9
 290.0  -0.16  -0.17  34.58  27.80   30.8  0.512  1452.7        2700.0  -0.39  -0.54  34.93  28.09    0.3  0.628  1492.8
 300.0  -0.08  -0.09  34.62  27.83   28.1  0.515  1453.3        2750.0  -0.38  -0.54  34.94  28.10    0.1  0.628  1493.7
 310.0   0.00  -0.02  34.66  27.86   25.4  0.518  1453.8        2800.0  -0.37  -0.54  34.94  28.10    0.1  0.628  1494.6
 320.0   0.06   0.05  34.70  27.88   23.4  0.520  1454.4        2850.0  -0.37  -0.54  34.94  28.10   -0.2  0.628  1495.5
 330.0   0.12   0.10  34.73  27.90   21.2  0.523  1454.8        2900.0  -0.37  -0.54  34.94  28.10   -0.4  0.628  1496.3
 340.0   0.16   0.15  34.75  27.91   20.2  0.525  1455.2
 350.0   0.20   0.18  34.76  27.92   19.4  0.527  1455.6
 370.0   0.25   0.24  34.78  27.94   18.1  0.531  1456.2
 390.0   0.30   0.28  34.80  27.95   17.1  0.534  1456.7
 410.0   0.33   0.32  34.81  27.96   16.2  0.537  1457.2
 430.0   0.37   0.35  34.83  27.97   15.5  0.541  1457.8
 450.0   0.39   0.37  34.84  27.97   14.8  0.544  1458.2
 470.0   0.42   0.40  34.85  27.98   14.2  0.547  1458.7
 490.0   0.44   0.41  34.86  27.99   13.7  0.549  1459.1
 510.0   0.44   0.42  34.86  27.99   13.4  0.552  1459.5
 530.0   0.44   0.41  34.87  28.00   12.9  0.555  1459.8
 550.0   0.42   0.40  34.87  28.00   12.7  0.557  1460.1
 570.0   0.41   0.38  34.87  28.00   12.3  0.560  1460.3
 590.0   0.38   0.36  34.88  28.01   11.7  0.562  1460.6
 610.0   0.36   0.33  34.88  28.01   11.4  0.565  1460.8
 630.0   0.34   0.32  34.88  28.01   11.1  0.567  1461.0
 650.0   0.32   0.29  34.89  28.02   10.7  0.569  1461.3
 670.0   0.29   0.26  34.89  28.02   10.2  0.571  1461.5
 690.0   0.27   0.24  34.89  28.02   10.0  0.573  1461.7
 710.0   0.24   0.21  34.89  28.03    9.8  0.575  1461.9
 730.0   0.21   0.17  34.90  28.03    9.3  0.577  1462.1
 750.0   0.18   0.15  34.90  28.03    9.0  0.579  1462.3
 800.0   0.12   0.08  34.90  28.04    8.2  0.583  1462.9

                                                   DEPTH        TEMP.        SALIN

                                 BUT NUM = 1        998.6                     34.93
                                 BUT NUM = 2       1466.4                     34.95
                                 BUT NUM = 3       1997.5                     34.96
                                 BUT NUM = 4       2932.9       -0.35         34.96
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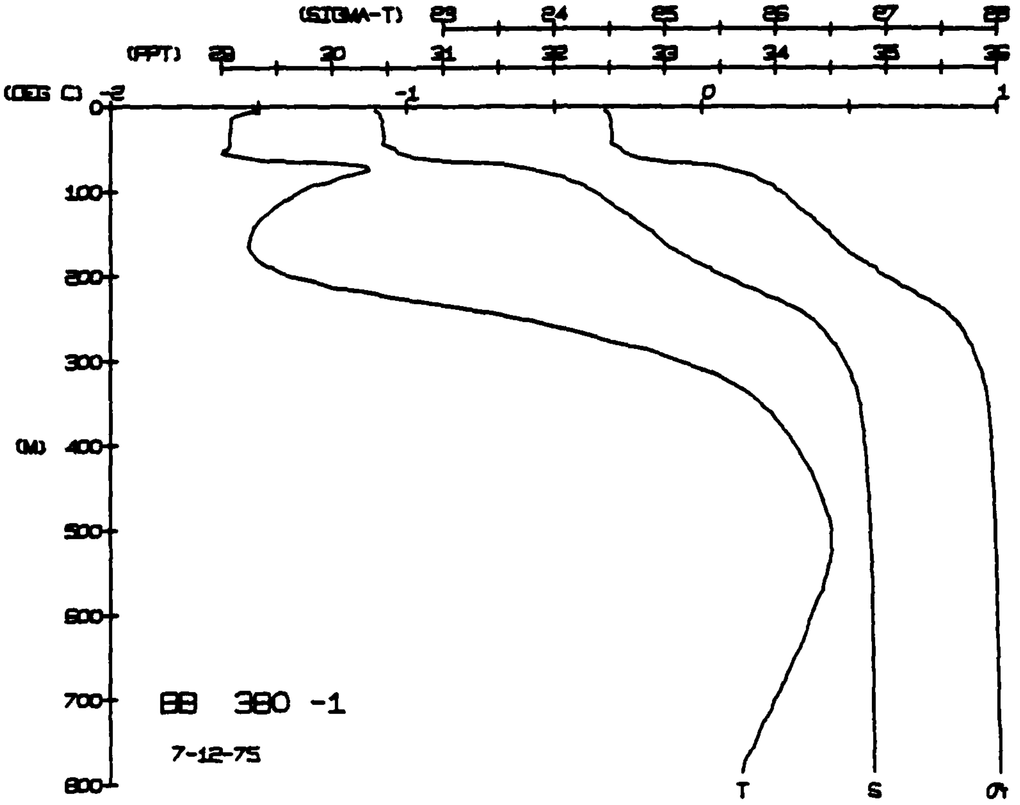
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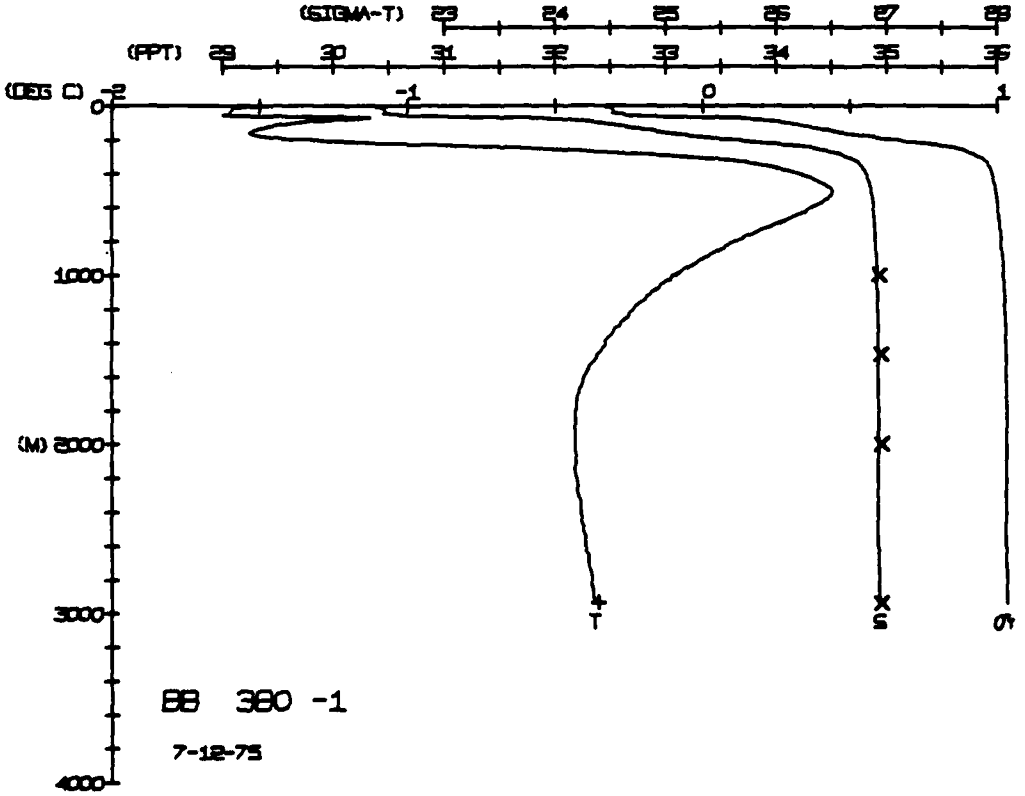
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 380 -1
7-12-75
T
S
σt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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
1000
(M) 2000
3000
4000
BB 380 -1
7-12-75
T
S
σt

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BIG BEAR STATIUN 382(2) STD  13/JUL/1975  500 GMT  CUDE = 2
LAT = 76.3373N LNG = 145.1606W LTER =      2, LGER =       4,
AIR TEMP =   -0.1 BARUM = 1018.0 WIND =  85.0 SPEED =  27.6

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.54   -1.54   30.37   24.45   349.3   0.000  1435.6
   4.3   -1.54   -1.54   30.37   24.45   349.3   0.015  1435.6
   5.0   -1.54   -1.54   30.38   24.45   349.1   0.018  1435.6
  10.0   -1.56   -1.56   30.39   24.46   347.8   0.035  1435.7
  15.0   -1.57   -1.57   30.42   24.49   345.3   0.053  1435.7
  20.0   -1.57   -1.57   30.43   24.50   344.4   0.070  1435.8
  25.0   -1.58   -1.58   30.44   24.50   344.0   0.087  1435.9
  30.0   -1.58   -1.58   30.44   24.50   343.6   0.105  1436.0
  35.0   -1.58   -1.58   30.45   24.51   343.0   0.122  1436.1
  40.0   -1.58   -1.58   30.46   24.51   342.4   0.139  1436.2
  45.0   -1.58   -1.58   30.47   24.53   341.1   0.156  1436.3
  50.0   -1.58   -1.58   30.50   24.55   339.0   0.173  1436.4
  55.0   -1.58   -1.58   30.57   24.61   333.5   0.190  1436.5
  60.0   -1.48   -1.49   30.67   24.68   326.1   0.207  1437.2
  65.0   -1.26   -1.26   31.12   25.05   291.5   0.223  1439.0
  70.0   -1.17   -1.17   31.37   25.24   272.9   0.237  1439.9
  80.0   -1.15   -1.15   31.89   25.66   232.9   0.262  1440.9
  90.0   -1.26   -1.26   32.15   25.88   212.3   0.285  1440.8
 100.0   -1.34   -1.34   32.32   26.01   199.4   0.306  1440.9
 110.0   -1.38   -1.39   32.44   26.11   189.8   0.325  1441.0
 120.0   -1.43   -1.43   32.57   26.22   179.5   0.344  1441.2
 130.0   -1.46   -1.47   32.69   26.32   170.4   0.361  1441.3
 140.0   -1.49   -1.49   32.80   26.41   162.0   0.378  1441.5
 150.0   -1.50   -1.51   32.91   26.50   153.1   0.394  1441.8
 160.0   -1.52   -1.52   33.02   26.59   144.6   0.409  1442.0
 170.0   -1.51   -1.51   33.12   26.67   137.0   0.423  1442.4
 180.0   -1.49   -1.50   33.23   26.75   128.9   0.437  1442.8
 190.0   -1.44   -1.45   33.33   26.84   120.6   0.449  1443.3
 200.0   -1.37   -1.38   33.48   26.96   109.4   0.461  1444.0
 210.0   -1.27   -1.27   33.65   27.09    96.8   0.471  1444.9
 220.0   -1.12   -1.13   33.84   27.24    82.9   0.480  1446.0
 230.0   -0.96   -0.96   34.04   27.40    68.1   0.488  1447.3
 240.0   -0.79   -0.80   34.17   27.49    59.3   0.494  1448.4
 250.0   -0.60   -0.61   34.32   27.61    48.3   0.500  1449.6
 260.0   -0.47   -0.48   34.41   27.67    42.2   0.504  1450.5
 270.0   -0.34   -0.35   34.49   27.73    37.1   0.508  1451.4
 280.0   -0.24   -0.25   34.54   27.77    33.5   0.512  1452.1
 290.0   -0.14   -0.15   34.59   27.80    30.5   0.515  1452.8
 300.0   -0.06   -0.07   34.63   27.83    28.0   0.518  1453.4
 310.0    0.00   -0.01   34.65   27.85    26.2   0.521  1453.8
 320.0    0.06    0.04   34.69   27.87    24.1   0.524  1454.3
 330.0    0.11    0.10   34.71   27.89    22.5   0.526  1454.8
 340.0    0.16    0.15   34.74   27.90    21.0   0.528  1455.2
 350.0    0.21    0.19   34.75   27.92    20.0   0.530  1455.6
 370.0    0.27    0.25   34.78   27.93    18.3   0.534  1456.2
 390.0    0.32    0.30   34.80   27.95    16.9   0.538  1456.8
 410.0    0.36    0.34   34.82   27.96    16.2   0.541  1457.4
 430.0    0.39    0.37   34.83   27.96    15.6   0.544  1457.8
 450.0    0.41    0.39   34.84   27.97    14.8   0.547  1458.3
 470.0    0.44    0.42   34.85   27.98    14.3   0.550  1458.8
 490.0    0.45    0.43   34.86   27.99    13.7   0.553  1459.2
 510.0    0.46    0.44   34.86   27.99    13.4   0.556  1459.5
 530.0    0.45    0.42   34.87   27.99    13.0   0.558  1459.8
 550.0    0.44    0.41   34.87   28.00    12.6   0.561  1460.1
 570.0    0.42    0.40   34.88   28.00    12.1   0.563  1460.4
 590.0    0.40    0.38   34.88   28.01    11.7   0.566  1460.6
 610.0    0.38    0.36   34.89   28.01    11.3   0.568  1460.9
 630.0    0.36    0.33   34.89   28.02    11.0   0.570  1461.1
 650.0    0.33    0.30   34.89   28.02    10.5   0.573  1461.3
 670.0    0.30    0.27   34.89   28.02    10.2   0.575  1461.5
 690.0    0.28    0.25   34.89   28.03     9.9   0.577  1461.8
 710.0    0.25    0.22   34.90   28.03     9.6   0.579  1462.0
 725.1    0.23    0.20   34.90   28.03     9.4   0.580  1462.1

                         DEPTH       TEMP.       SALIN

        BUT NUM = 1        3.6       -1.54       30.36
        BUT NUM = 2       39.5                   30.44
        BUT NUM = 3      253.2       -0.53       34.39
        BUT NUM = 4      499.0        0.44       34.86
        HUT NUM = 5      727.3        0.23       34.89
```

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BIG BEAR STATIUN 384(2) STD  13/JUL/1975 1700 GMT  CUDE = 2
LAT = 76.3493N LNG = 145.1968W LTER =      1, LGER =       1,
AIR TEMP =    0.0 BARUM = 1017.2 WIND = 126.6 SPEED =  32.4

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.54   -1.54   30.34   24.42   351.8   0.000  1435.5
   5.0   -1.54   -1.54   30.34   24.42   351.8   0.018  1435.6
   7.4   -1.54   -1.54   30.34   24.42   351.7   0.026  1435.6
  10.0   -1.55   -1.55   30.36   24.44   349.9   0.035  1435.7
  15.0   -1.56   -1.56   30.40   24.47   347.4   0.053  1435.7
  20.0   -1.57   -1.57   30.41   24.48   345.9   0.070  1435.8
  25.0   -1.58   -1.58   30.43   24.49   345.0   0.088  1435.9
  30.0   -1.57   -1.57   30.45   24.51   342.9   0.105  1436.0
  35.0   -1.57   -1.57   30.47   24.52   341.8   0.122  1436.1
  40.0   -1.57   -1.57   30.47   24.53   341.0   0.140  1436.2
  45.0   -1.57   -1.58   30.50   24.55   338.9   0.157  1436.3
  50.0   -1.59   -1.59   30.54   24.58   335.7   0.174  1436.4
  55.0   -1.58   -1.58   30.60   24.63   331.3   0.190  1436.6
  60.0   -1.45   -1.45   30.78   24.77   317.5   0.207  1437.5
  65.0   -1.28   -1.28   31.01   24.96   300.1   0.222  1438.7
  70.0   -1.14   -1.14   31.62   25.44   253.9   0.236  1440.3
  80.0   -1.17   -1.17   31.91   25.68   231.0   0.261  1440.8
  90.0   -1.26   -1.26   32.14   25.87   213.0   0.283  1440.9
 100.0   -1.35   -1.35   32.35   26.04   196.8   0.304  1440.9
 110.0   -1.38   -1.38   32.46   26.13   188.6   0.323  1441.0
 120.0   -1.43   -1.44   32.59   26.24   177.8   0.342  1441.1
 130.0   -1.46   -1.46   32.70   26.33   169.7   0.359  1441.3
 140.0   -1.48   -1.49   32.81   26.41   161.2   0.376  1441.5
 150.0   -1.50   -1.50   32.91   26.50   153.3   0.392  1441.8
 160.0   -1.51   -1.51   33.02   26.58   144.9   0.407  1442.0
 170.0   -1.51   -1.52   33.09   26.65   139.0   0.421  1442.3
 180.0   -1.50   -1.51   33.21   26.74   129.9   0.435  1442.7
 190.0   -1.46   -1.47   33.32   26.83   121.7   0.447  1443.2
 200.0   -1.41   -1.41   33.43   26.92   113.1   0.459  1443.8
 210.0   -1.30   -1.31   33.64   27.09    97.4   0.470  1444.7
 220.0   -1.15   -1.15   33.82   27.22    84.3   0.479  1445.9
 230.0   -0.95   -0.96   34.03   27.39    69.2   0.487  1447.2
 240.0   -0.78   -0.79   34.19   27.51    57.3   0.493  1448.4
 250.0   -0.60   -0.61   34.32   27.60    48.8   0.499  1449.6
 260.0   -0.46   -0.47   34.41   27.68    42.0   0.503  1450.6
 270.0   -0.35   -0.36   34.49   27.73    36.9   0.507  1451.4
 280.0   -0.24   -0.25   34.54   27.77    33.4   0.511  1452.1
 290.0   -0.14   -0.16   34.59   27.80    30.5   0.514  1452.8
 300.0   -0.06   -0.07   34.63   27.83    27.6   0.517  1453.4
 310.0    0.02    0.01   34.67   27.86    25.2   0.520  1454.0
 320.0    0.08    0.07   34.70   27.88    23.3   0.522  1454.4
 330.0    0.13    0.11   34.72   27.90    21.6   0.524  1454.9
 340.0    0.16    0.15   34.74   27.91    20.4   0.526  1455.2
 350.0    0.20    0.18   34.76   27.92    19.6   0.528  1455.6
 370.0    0.26    0.24   34.78   27.94    18.0   0.532  1456.2
 390.0    0.31    0.29   34.81   27.95    16.6   0.536  1456.8
 410.0    0.35    0.33   34.82   27.96    15.8   0.539  1457.3
 430.0    0.39    0.37   34.83   27.97    15.4   0.542  1457.8
 450.0    0.42    0.40   34.84   27.98    14.6   0.545  1458.3
 470.0    0.44    0.42   34.85   27.98    14.0   0.548  1458.8
 490.0    0.46    0.43   34.86   27.99    13.6   0.551  1459.2
 510.0    0.46    0.44   34.87   27.99    13.1   0.554  1459.6
 530.0    0.46    0.44   34.87   28.00    12.7   0.556  1459.9
 550.0    0.45    0.43   34.88   28.00    12.3   0.559  1460.2
 570.0    0.43    0.41   34.88   28.01    11.9   0.561  1460.4
 590.0    0.41    0.38   34.88   28.01    11.5   0.563  1460.7
 610.0    0.39    0.37   34.89   28.01    11.2   0.566  1460.9
 630.0    0.37    0.34   34.89   28.02    10.8   0.568  1461.2
 650.0    0.34    0.31   34.89   28.02    10.5   0.570  1461.4
 670.0    0.31    0.28   34.90   28.02    10.1   0.572  1461.6
 690.0    0.28    0.25   34.90   28.03     9.7   0.574  1461.8
 710.0    0.25    0.22   34.90   28.03     9.3   0.576  1462.0
 729.3    0.22    0.19   34.90   28.03     9.1   0.578  1462.2

                         DEPTH       TEMP.       SALIN

        BUT NUM = 1        3.6       -1.51       30.31
        BUT NUM = 2       39.8                   30.44
        BUT NUM = 3      244.1       -0.68       34.29
        BUT NUM = 4      497.7        0.45       34.87
        BOT NUM = 5      731.3        0.23       34.89
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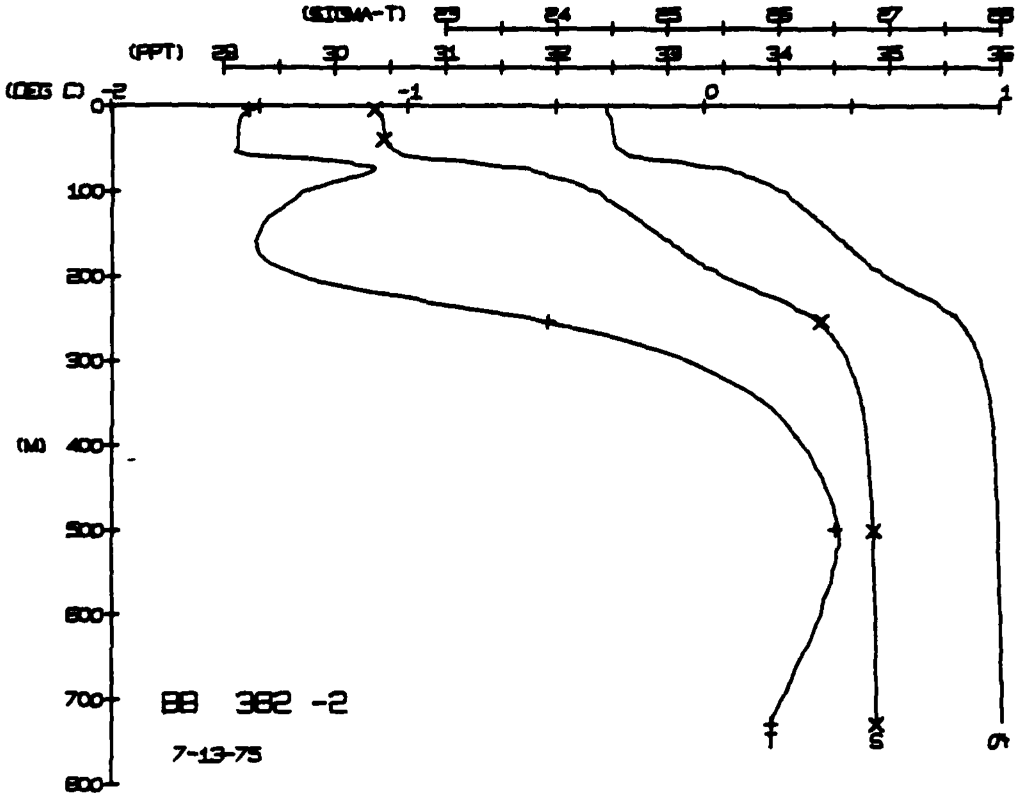
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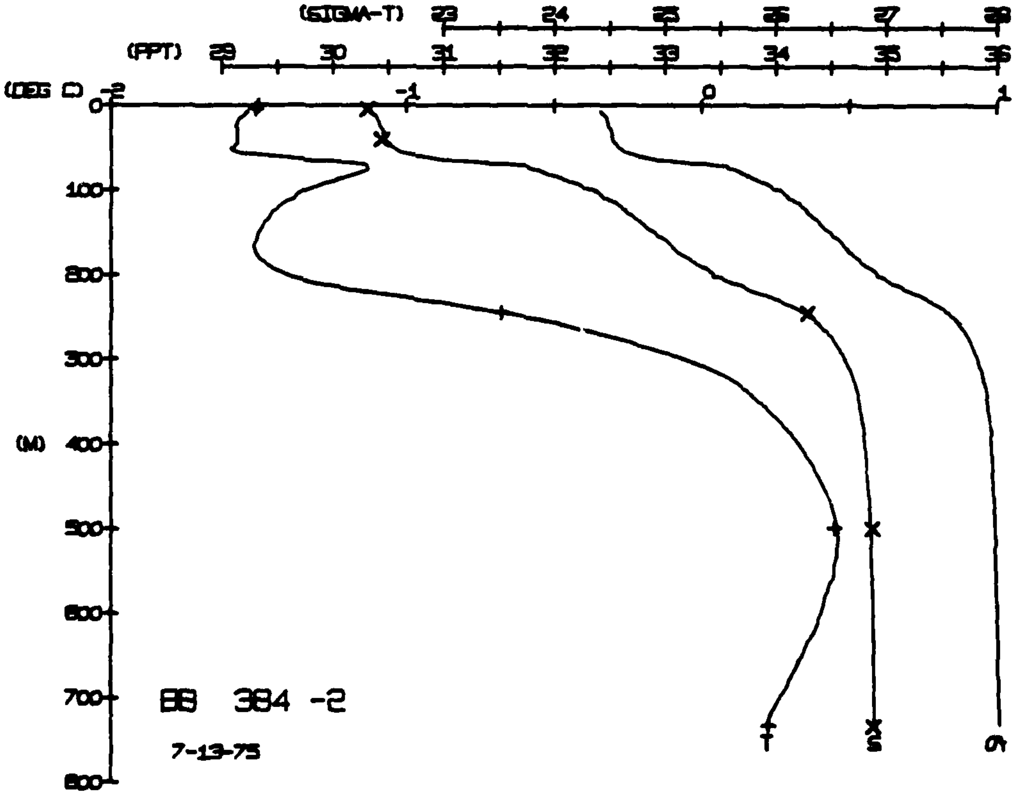
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M)
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100
200
300
400
500
600
700
800
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BIG BEAR STATION 386(2) STD  14/JUL/1975  452 GMT  CODE = 2
LAT = 76.3540N LNG = 145.1846W LTER =      2. LGER =      3.
AIR TEMP =    0.0 BAROM = 1016.0 WIND = 126.6 SPEED =  32.4

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.53   -1.53   30.35   24.43   351.4   0.000  1435.5
   5.0   -1.53   -1.53   30.35   24.43   351.4   0.018  1435.6
   5.7   -1.53   -1.53   30.35   24.43   351.3   0.020  1435.6
  10.0   -1.55   -1.55   30.39   24.46   348.2   0.035  1435.7
  15.0   -1.56   -1.56   30.40   24.47   346.8   0.053  1435.7
  20.0   -1.57   -1.57   30.43   24.48   345.8   0.070  1435.8
  25.0   -1.57   -1.57   30.43   24.49   345.0   0.088  1435.9
  30.0   -1.57   -1.57   30.45   24.51   343.3   0.105  1436.0
  35.0   -1.57   -1.57   30.45   24.51   342.7   0.122  1436.1
  40.0   -1.57   -1.57   30.47   24.53   341.3   0.139  1436.2
  45.0   -1.57   -1.57   30.48   24.54   340.3   0.157  1436.3
  50.0   -1.58   -1.58   30.52   24.57   337.1   0.174  1436.4
  55.0   -1.58   -1.58   30.58   24.61   332.9   0.191  1436.6
  60.0   -1.46   -1.46   30.81   24.79   315.6   0.207  1437.5
  65.0   -1.33   -1.34   30.98   24.93   302.7   0.222  1438.4
  70.0   -1.15   -1.15   31.40   25.27   270.8   0.237  1440.0
  80.0   -1.15   -1.15   31.91   25.68   231.1   0.262  1440.9
  90.0   -1.25   -1.25   32.14   25.87   213.3   0.285  1440.9
 100.0   -1.33   -1.33   32.34   26.04   197.4   0.305  1441.0
 110.0   -1.37   -1.38   32.42   26.10   191.3   0.325  1441.0
 120.0   -1.42   -1.43   32.59   26.23   178.5   0.344  1441.2
 130.0   -1.46   -1.46   32.70   26.32   169.9   0.361  1441.3
 140.0   -1.48   -1.48   32.81   26.42   160.9   0.378  1441.6
 150.0   -1.49   -1.50   32.91   26.50   153.2   0.394  1441.8
 160.0   -1.51   -1.51   33.02   26.59   144.3   0.409  1442.1
 170.0   -1.50   -1.51   33.12   26.67   137.2   0.423  1442.4
 180.0   -1.49   -1.49   33.23   26.75   128.8   0.436  1442.8
 190.0   -1.45   -1.45   33.34   26.84   120.2   0.449  1443.3
 200.0   -1.37   -1.38   33.48   26.95   109.9   0.461  1444.0
 210.0   -1.24   -1.25   33.69   27.13    93.6   0.471  1445.1
 220.0   -1.08   -1.09   33.89   27.28    79.1   0.480  1446.3
 230.0   -0.90   -0.91   34.06   27.41    66.9   0.487  1447.5
 240.0   -0.71   -0.72   34.25   27.55    53.3   0.493  1448.8
 250.0   -0.58   -0.59   34.33   27.61    47.9   0.498  1449.7
 260.0   -0.46   -0.47   34.42   27.68    41.6   0.503  1450.6
 270.0   -0.37   -0.38   34.47   27.72    37.9   0.507  1451.2
 280.0   -0.25   -0.26   34.53   27.76    34.2   0.510  1452.0
 290.0   -0.17   -0.18   34.58   27.79    31.2   0.514  1452.6
 300.0   -0.07   -0.08   34.62   27.83    28.1   0.517  1453.3
 310.0    0.00   -0.01   34.66   27.85    25.9   0.519  1453.9
 320.0    0.07    0.06   34.69   27.87    23.9   0.522  1454.4
 330.0    0.13    0.12   34.73   27.90    21.6   0.524  1454.9
 340.0    0.18    0.17   34.75   27.91    20.3   0.526  1455.3
 350.0    0.22    0.20   34.76   27.92    19.3   0.528  1455.7
 370.0    0.28    0.26   34.79   27.94    17.9   0.532  1456.3
 390.0    0.33    0.31   34.81   27.95    16.8   0.535  1456.9
 410.0    0.37    0.35   34.82   27.96    15.8   0.539  1457.4
 430.0    0.40    0.38   34.83   27.97    15.3   0.542  1457.9
 450.0    0.42    0.40   34.84   27.98    14.6   0.545  1458.4
 470.0    0.45    0.43   34.85   27.98    14.0   0.548  1458.8
 490.0    0.46    0.44   34.86   27.99    13.6   0.551  1459.2
 510.0    0.46    0.44   34.87   27.99    13.2   0.553  1459.6
 530.0    0.45    0.43   34.87   28.00    12.7   0.556  1459.9
 550.0    0.44    0.41   34.88   28.00    12.3   0.558  1460.1
 570.0    0.42    0.39   34.88   28.01    11.9   0.561  1460.4
 590.0    0.40    0.37   34.88   28.01    11.6   0.563  1460.6
 610.0    0.39    0.36   34.89   28.01    11.2   0.566  1460.9
 630.0    0.36    0.33   34.89   28.02    10.8   0.568  1461.1
 650.0    0.33    0.30   34.89   28.02    10.5   0.570  1461.3
 670.0    0.29    0.26   34.89   28.02    10.2   0.572  1461.5
 690.0    0.27    0.24   34.89   28.03     9.9   0.574  1461.7
 710.0    0.24    0.21   34.90   28.03     9.3   0.576  1461.9

                       DEPTH       TEMP.       SALIN

     BUT NUM = 1         3.6       -1.49       30.28
     BUT NUM = 2       247.7       -0.67       34.30
     BUT NUM = 3       499.2        0.44       34.86
     BUT NUM = 4       729.3        0.23       34.89
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BIG BEAR STATION 389(1) CTD  20/JUL/1975  503 GMT  CODE = 2
LAT = 75.9968N LNG = 144.9877W LTER =      2. LGER =      4.
AIR TEMP =    0.4 BAROM = 1014.8 WIND = 319.9 SPEED =  42.9

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.50   -1.50   30.11   24.23   369.6   0.000  1435.4
  4.6   -1.50   -1.50   30.11   24.23   369.5   0.017  1435.4
  5.0   -1.50   -1.50   30.11   24.23   369.6   0.019  1435.4
 10.0   -1.50   -1.50   30.11   24.23   369.9   0.037  1435.5
 15.0   -1.50   -1.50   30.11   24.23   369.6   0.056  1435.6
 20.0   -1.50   -1.50   30.18   24.29   363.8   0.074  1435.8
 25.0   -1.53   -1.53   30.27   24.36   357.1   0.092  1435.9
 30.0   -1.56   -1.56   30.34   24.42   351.7   0.110  1435.9
 35.0   -1.59   -1.59   30.39   24.46   347.5   0.128  1435.9
 40.0   -1.61   -1.61   30.42   24.49   345.0   0.145  1435.9
 45.0   -1.61   -1.61   30.43   24.49   344.3   0.163  1436.0
 50.0   -1.61   -1.61   30.44   24.50   343.3   0.180  1436.2
 55.0   -1.57   -1.58   30.50   24.55   338.9   0.197  1436.5
 60.0   -1.44   -1.44   30.72   24.72   322.5   0.214  1437.5
 65.0   -1.18   -1.18   31.27   25.16   280.5   0.229  1439.6
 70.0   -1.09   -1.09   31.55   25.39   259.3   0.243  1440.5
 80.0   -1.14   -1.14   31.95   25.71   228.5   0.267  1441.0
 90.0   -1.26   -1.26   32.19   25.91   209.2   0.289  1440.9
100.0   -1.34   -1.34   32.37   26.05   195.6   0.310  1440.9
110.0   -1.39   -1.40   32.50   26.16   185.3   0.329  1441.0
120.0   -1.44   -1.44   32.63   26.27   174.8   0.347  1441.2
130.0   -1.47   -1.47   32.72   26.34   167.9   0.364  1441.3
140.0   -1.49   -1.49   32.83   26.43   159.7   0.381  1441.5
150.0   -1.50   -1.50   32.92   26.51   152.4   0.397  1441.8
160.0   -1.52   -1.52   33.02   26.59   144.8   0.412  1442.0
170.0   -1.52   -1.52   33.13   26.68   136.0   0.426  1442.3
180.0   -1.51   -1.51   33.22   26.75   129.1   0.439  1442.7
190.0   -1.48   -1.48   33.34   26.85   119.7   0.452  1443.2
200.0   -1.40   -1.41   33.51   26.98   107.3   0.463  1443.9
210.0   -1.30   -1.30   33.69   27.12    93.8   0.473  1444.8
220.0   -1.11   -1.11   33.94   27.32    75.3   0.482  1446.2
230.0   -0.91   -0.92   34.14   27.48    60.5   0.489  1447.6
240.0   -0.74   -0.75   34.27   27.57    51.9   0.494  1448.7
250.0   -0.60   -0.61   34.37   27.64    45.0   0.499  1449.7
260.0   -0.47   -0.48   34.45   27.71    38.9   0.504  1450.6
270.0   -0.35   -0.36   34.52   27.76    34.4   0.507  1451.4
280.0   -0.22   -0.23   34.59   27.81    30.0   0.511  1452.2
290.0   -0.13   -0.14   34.63   27.84    27.3   0.513  1452.9
300.0   -0.06   -0.07   34.67   27.86    24.6   0.516  1453.4
310.0    0.00   -0.01   34.70   27.88    22.9   0.518  1453.9
320.0    0.06    0.05   34.72   27.90    21.2   0.521  1454.4
330.0    0.11    0.10   34.75   27.92    19.9   0.523  1454.8
340.0    0.16    0.15   34.77   27.93    18.7   0.525  1455.2
350.0    0.20    0.19   34.78   27.94    17.7   0.527  1455.6
370.0    0.27    0.25   34.81   27.96    16.3   0.530  1456.3
390.0    0.31    0.30   34.82   27.97    15.4   0.533  1456.8
410.0    0.35    0.33   34.83   27.97    14.7   0.536  1457.3
430.0    0.37    0.36   34.84   27.98    14.4   0.539  1457.8
450.0    0.40    0.38   34.85   27.98    13.9   0.542  1458.2
470.0    0.42    0.40   34.86   27.99    13.6   0.545  1458.7
490.0    0.43    0.41   34.86   27.99    13.3   0.547  1459.1
510.0    0.44    0.41   34.86   27.99    13.1   0.550  1459.4
530.0    0.42    0.40   34.87   28.00    12.8   0.553  1459.7
550.0    0.41    0.39   34.87   28.00    12.4   0.555  1460.0
570.0    0.39    0.36   34.88   28.00    12.0   0.558  1460.2
590.0    0.37    0.34   34.88   28.01    11.8   0.560  1460.5
610.0    0.35    0.32   34.88   28.01    11.5   0.563  1460.7
630.0    0.33    0.30   34.88   28.01    11.3   0.565  1461.0
650.0    0.30    0.27   34.88   28.01    11.0   0.567  1461.2
670.0    0.28    0.25   34.88   28.01    11.0   0.569  1461.4
690.0    0.26    0.23   34.88   28.02    10.7   0.572  1461.7
710.0    0.23    0.20   34.88   28.02    10.4   0.574  1461.9
730.0    0.21    0.18   34.88   28.02    10.3   0.576  1462.1
749.0    0.19    0.15   34.88   28.02    10.1   0.578  1462.3

                       DEPTH       TEMP.       SALIN

     BUT NUM = 1         3.8       -1.49       30.09
     BUT NUM = 2        50.1                   30.46
     BUT NUM = 3       248.6       -0.64       34.31
     BUT NUM = 4       498.7        0.46       34.86
     BUT NUM = 5       749.9        0.20       34.90
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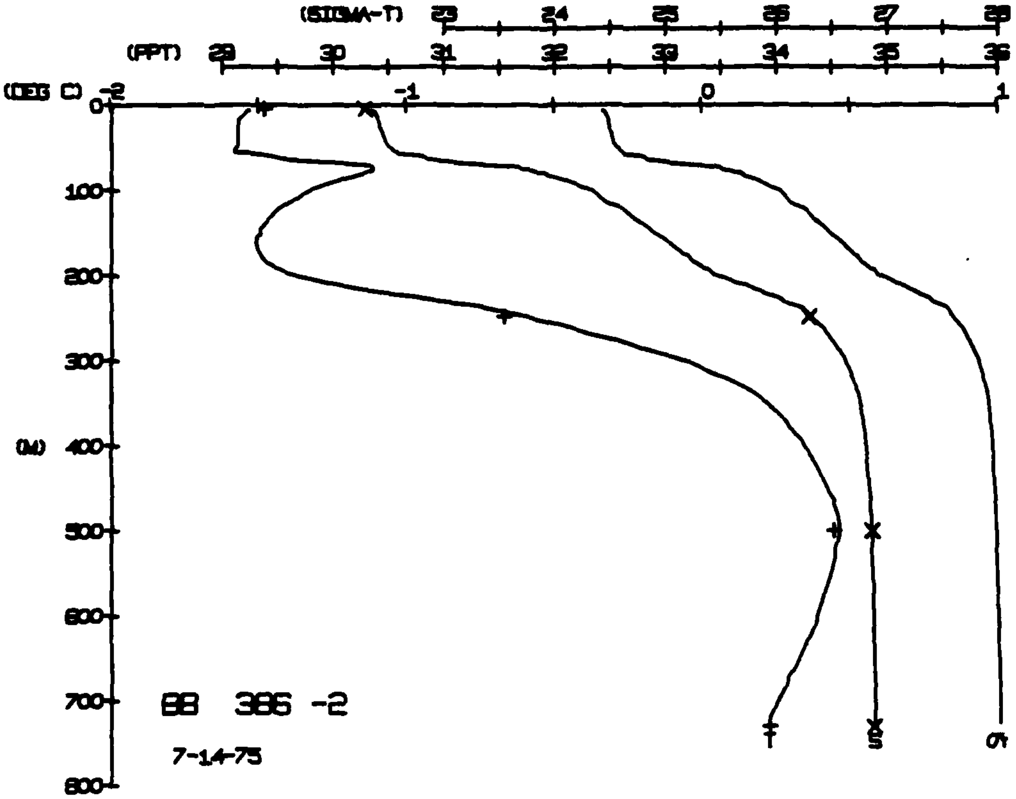
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(M) 0 100 200 300 400 500 600 700 800
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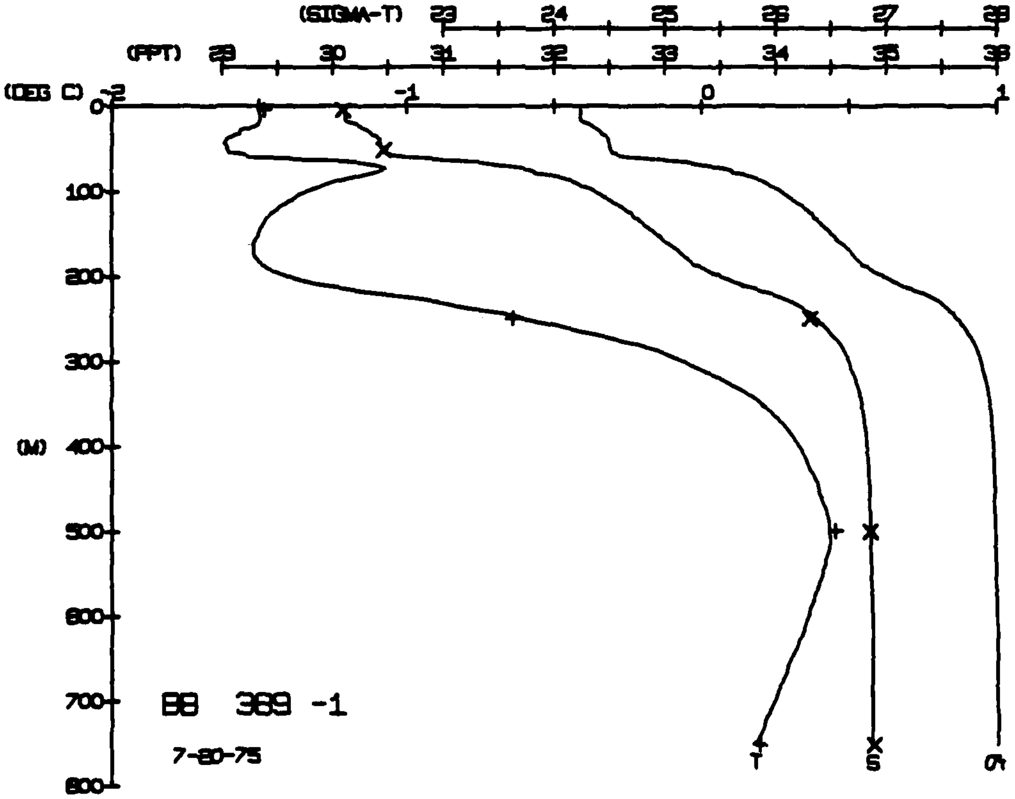
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(M) 0 100 200 300 400 500 600 700 800
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T
S
σt

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BIG BEAR STATION 391(1) CTD  20/JUL/1975 1657 GMT  CODE = 2
LAT = 75.9599N LNG = 144.9306W LTER =       0. LGER =      0.
AIR TEMP =    0.4 BARUM = 1011.6 WIND = 319.9 SPEED =  42.9

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.52   -1.52   30.10   24.23   370.3   0.000   1435.3
   4.6   -1.52   -1.52   30.10   24.23   370.3   0.017   1435.4
   5.0   -1.52   -1.52   30.10   24.23   370.1   0.019   1435.4
  10.0   -1.51   -1.51   30.11   24.23   369.6   0.037   1435.5
  15.0   -1.51   -1.51   30.12   24.24   369.0   0.056   1435.6
  20.0   -1.50   -1.50   30.20   24.31   362.4   0.074   1435.8
  25.0   -1.52   -1.52   30.24   24.34   359.1   0.092   1435.9
  30.0   -1.55   -1.55   30.27   24.37   356.5   0.110   1435.9
  35.0   -1.57   -1.57   30.35   24.43   350.4   0.128   1436.0
  40.0   -1.59   -1.59   30.39   24.47   347.1   0.146   1436.0
  45.0   -1.61   -1.61   30.41   24.48   345.7   0.163   1436.0
  50.0   -1.61   -1.61   30.44   24.50   343.7   0.181   1436.1
  55.0   -1.60   -1.60   30.49   24.54   339.9   0.198   1436.3
  60.0   -1.45   -1.45   30.83   24.81   314.0   0.214   1437.6
  65.0   -1.13   -1.13   31.38   25.25   272.5   0.229   1440.0
  70.0   -1.09   -1.09   31.57   25.41   257.3   0.242   1440.5
  80.0   -1.11   -1.11   31.92   25.69   230.5   0.267   1441.1
  90.0   -1.25   -1.25   32.21   25.92   208.1   0.289   1441.0
 100.0   -1.34   -1.35   32.36   26.05   195.8   0.310   1440.9
 110.0   -1.40   -1.41   32.50   26.16   185.2   0.329   1441.0
 120.0   -1.44   -1.44   32.61   26.25   176.5   0.347   1441.1
 130.0   -1.47   -1.47   32.73   26.35   167.5   0.364   1441.3
 140.0   -1.49   -1.49   32.82   26.42   160.4   0.381   1441.5
 150.0   -1.50   -1.50   32.90   26.49   154.2   0.397   1441.8
 160.0   -1.52   -1.52   33.00   26.57   145.9   0.412   1442.0
 170.0   -1.52   -1.52   33.11   26.66   137.8   0.426   1442.3
 180.0   -1.51   -1.51   33.20   26.73   130.7   0.440   1442.6
 190.0   -1.48   -1.49   33.32   26.83   121.7   0.452   1443.1
 200.0   -1.44   -1.44   33.45   26.93   111.8   0.464   1443.7
 210.0   -1.34   -1.34   33.62   27.07    99.2   0.475   1444.5
 220.0   -1.17   -1.18   33.84   27.24    82.6   0.484   1445.8
 230.0   -0.99   -0.99   34.05   27.41    67.2   0.492   1447.1
 240.0   -0.82   -0.83   34.21   27.52    56.2   0.498   1448.3
 250.0   -0.64   -0.65   34.33   27.62    47.2   0.503   1449.4
 260.0   -0.50   -0.51   34.42   27.68    41.3   0.508   1450.4
 270.0   -0.41   -0.41   34.49   27.74    36.3   0.512   1451.1
 280.0   -0.28   -0.29   34.56   27.79    31.8   0.515   1451.9
 290.0   -0.16   -0.17   34.62   27.83    27.9   0.518   1452.7
 300.0   -0.07   -0.08   34.66   27.85    25.5   0.521   1453.4
 310.0   -0.01   -0.02   34.69   27.88    23.4   0.523   1453.9
 320.0    0.06    0.05   34.72   27.90    21.5   0.525   1454.4
 330.0    0.11    0.10   34.74   27.91    20.2   0.528   1454.8
 340.0    0.16    0.14   34.76   27.92    19.3   0.530   1455.2
 350.0    0.19    0.18   34.77   27.93    18.4   0.531   1455.6
 370.0    0.25    0.23   34.79   27.95    17.2   0.535   1456.2
 390.0    0.30    0.28   34.81   27.96    16.1   0.538   1456.8
 410.0    0.34    0.32   34.83   27.97    15.3   0.542   1457.3
 430.0    0.37    0.35   34.84   27.97    14.7   0.545   1457.8
 450.0    0.39    0.37   34.84   27.98    14.3   0.548   1458.2
 470.0    0.42    0.40   34.85   27.99    13.8   0.550   1458.7
 490.0    0.43    0.41   34.86   27.99    13.4   0.553   1459.1
 510.0    0.43    0.41   34.86   27.99    13.3   0.556   1459.4
 530.0    0.43    0.41   34.87   28.00    12.9   0.558   1459.8
 550.0    0.42    0.40   34.87   28.00    12.7   0.561   1460.0
 570.0    0.40    0.37   34.87   28.00    12.3   0.564   1460.3
 590.0    0.38    0.36   34.87   28.00    12.1   0.566   1460.5
 610.0    0.37    0.34   34.88   28.01    11.9   0.568   1460.8
 630.0    0.35    0.32   34.88   28.01    11.6   0.571   1461.0
 650.0    0.32    0.29   34.88   28.01    11.4   0.573   1461.3
 670.0    0.29    0.26   34.88   28.01    11.1   0.575   1461.5
 690.0    0.27    0.24   34.88   28.01    11.0   0.578   1461.7
 710.0    0.24    0.21   34.88   28.02    10.8   0.580   1461.9
 730.0    0.22    0.18   34.88   28.02    10.8   0.582   1462.1

                           DEPTH      TEMP.       SALIN

      BOT NUM = 1            3.8      -1.51       30.08
      BOT NUM = 2           40.9                  30.41
      BOT NUM = 3          247.7      -0.68       34.28
      BOT NUM = 4          740.3       0.21       34.89
      BOT NUM = 5          744.9       0.21       34.89
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BIG BEAR STATION 393(1) CTD  21/JUL/1975  500 GMT  CODE = 2
LAT = 75.8849N LNG = 144.9046W LTER =       0. LGER =      0.
AIR TEMP =   -0.1 BARUM = 1008.7 WIND = 325.8 SPEED =  74.4

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.48   -1.48   30.09   24.22   371.2   0.000   1435.5
   3.8   -1.48   -1.48   30.09   24.22   371.2   0.014   1435.5
   5.0   -1.48   -1.48   30.09   24.22   371.3   0.019   1435.5
  10.0   -1.47   -1.47   30.09   24.21   371.4   0.037   1435.6
  15.0   -1.47   -1.47   30.13   24.25   368.0   0.056   1435.8
  20.0   -1.47   -1.47   30.22   24.32   361.0   0.074   1436.0
  25.0   -1.51   -1.51   30.29   24.38   355.2   0.092   1436.0
  30.0   -1.52   -1.52   30.34   24.42   351.5   0.110   1436.1
  35.0   -1.54   -1.54   30.38   24.45   348.8   0.128   1436.1
  40.0   -1.56   -1.56   30.38   24.46   348.1   0.145   1436.1
  45.0   -1.57   -1.57   30.38   24.46   347.9   0.163   1436.2
  50.0   -1.58   -1.58   30.40   24.47   347.0   0.180   1436.2
  55.0   -1.56   -1.56   30.44   24.50   343.8   0.198   1436.4
  60.0   -1.40   -1.40   30.74   24.74   320.6   0.215   1437.7
  65.0   -1.09   -1.09   31.13   25.05   291.2   0.230   1439.8
  70.0   -1.05   -1.05   31.53   25.37   261.1   0.244   1440.6
  80.0   -1.20   -1.20   32.03   25.78   221.6   0.268   1440.8
  90.0   -1.29   -1.29   32.26   25.97   204.0   0.290   1440.9
 100.0   -1.36   -1.36   32.42   26.09   191.8   0.310   1440.9
 110.0   -1.41   -1.41   32.52   26.18   183.3   0.329   1441.0
 120.0   -1.43   -1.44   32.64   26.27   174.6   0.347   1441.2
 130.0   -1.46   -1.47   32.71   26.34   168.7   0.364   1441.3
 140.0   -1.48   -1.49   32.80   26.41   161.6   0.381   1441.5
 150.0   -1.49   -1.49   32.89   26.48   154.6   0.397   1441.8
 160.0   -1.50   -1.51   33.07   26.59   144.5   0.412   1442.1
 170.0   -1.50   -1.50   33.11   26.66   137.4   0.426   1442.4
 180.0   -1.48   -1.49   33.22   26.75   129.6   0.439   1442.8
 190.0   -1.44   -1.45   33.33   26.84   120.8   0.452   1443.3
 200.0   -1.37   -1.37   33.47   26.94   110.7   0.464   1444.0
 210.0   -1.27   -1.28   33.65   27.09    97.3   0.474   1444.9
 220.0   -1.09   -1.09   33.89   27.28    79.1   0.483   1446.3
 230.0   -0.92   -0.92   34.08   27.43    65.2   0.490   1447.5
 240.0   -0.75   -0.76   34.23   27.54    55.1   0.496   1448.6
 250.0   -0.63   -0.64   34.31   27.60    48.8   0.502   1449.5
 260.0   -0.49   -0.50   34.41   27.67    42.4   0.506   1450.4
 270.0   -0.40   -0.41   34.47   27.72    38.1   0.510   1451.1
 280.0   -0.27   -0.28   34.54   27.77    33.6   0.514   1451.9
 290.0   -0.17   -0.18   34.60   27.81    29.4   0.517   1452.7
 300.0   -0.09   -0.10   34.64   27.84    27.0   0.520   1453.3
 310.0   -0.01   -0.02   34.68   27.87    24.5   0.523   1453.8
 320.0    0.05    0.04   34.71   27.89    22.4   0.525   1454.3
 330.0    0.10    0.09   34.73   27.90    21.1   0.527   1454.7
 340.0    0.15    0.13   34.75   27.92    19.8   0.529   1455.2
 350.0    0.19    0.18   34.77   27.93    18.7   0.531   1455.6
 370.0    0.27    0.25   34.79   27.95    17.2   0.535   1456.2
 390.0    0.32    0.30   34.81   27.96    16.2   0.538   1456.8
 410.0    0.35    0.34   34.83   27.97    15.4   0.541   1457.4
 430.0    0.39    0.37   34.84   27.97    14.8   0.544   1457.8
 450.0    0.41    0.39   34.84   27.98    14.5   0.547   1458.3
 470.0    0.43    0.41   34.85   27.98    14.1   0.550   1458.7
 490.0    0.44    0.42   34.86   27.99    13.7   0.553   1459.1
 510.0    0.45    0.43   34.86   27.99    13.4   0.556   1459.5
 530.0    0.45    0.42   34.87   27.99    13.2   0.558   1459.8
 550.0    0.43    0.41   34.87   28.00    12.8   0.561   1460.1
 570.0    0.41    0.39   34.87   28.00    12.5   0.564   1460.3
 590.0    0.40    0.37   34.87   28.00    12.2   0.566   1460.6
 610.0    0.38    0.35   34.87   28.00    12.0   0.569   1460.9
 630.0    0.35    0.33   34.88   28.01    11.8   0.571   1461.1
 650.0    0.33    0.30   34.88   28.01    11.5   0.573   1461.3
 670.0    0.30    0.27   34.88   28.01    11.1   0.576   1461.5
 690.0    0.28    0.25   34.88   28.02    10.9   0.578   1461.7
 710.0    0.25    0.22   34.88   28.02    10.8   0.580   1462.0
 730.0    0.22    0.19   34.88   28.02    10.6   0.582   1462.2

                           DEPTH      TEMP.       SALIN

      BOT NUM = 1            3.8      -1.48       30.06
      BOT NUM = 2           39.7                  30.39
      BOT NUM = 3          247.7      -0.67       34.29
      BOT NUM = 4          497.2       0.44       34.86
      BOT NUM = 5          748.8       0.21       34.89
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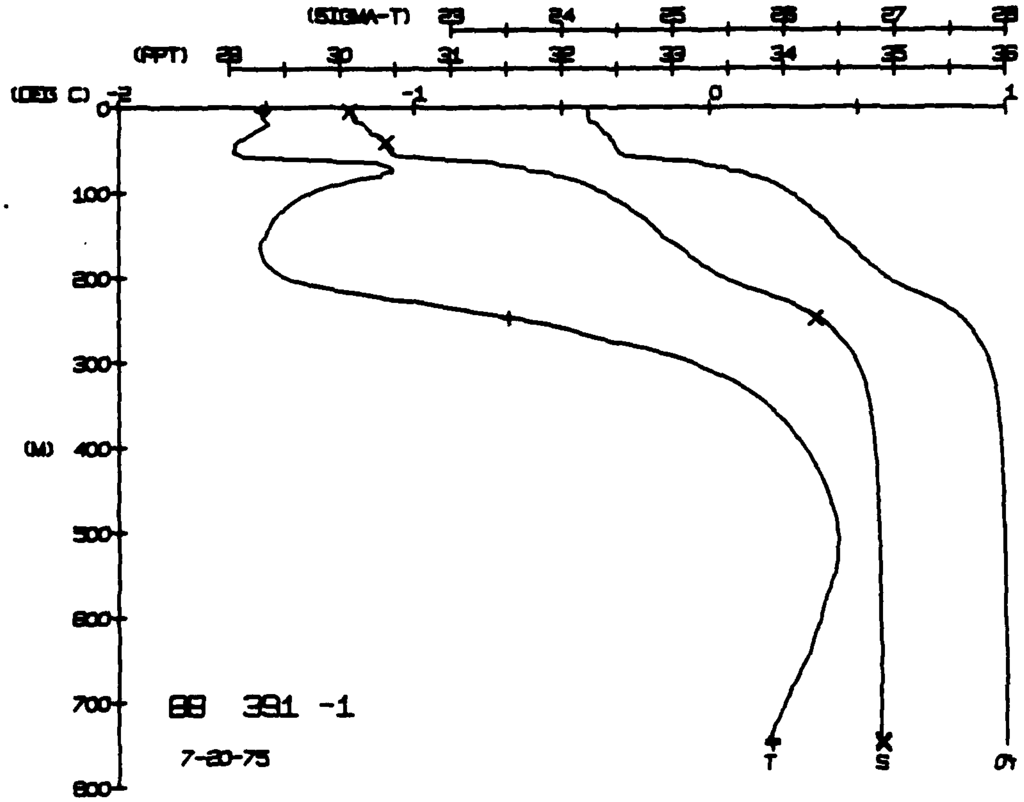
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BB 391 -1
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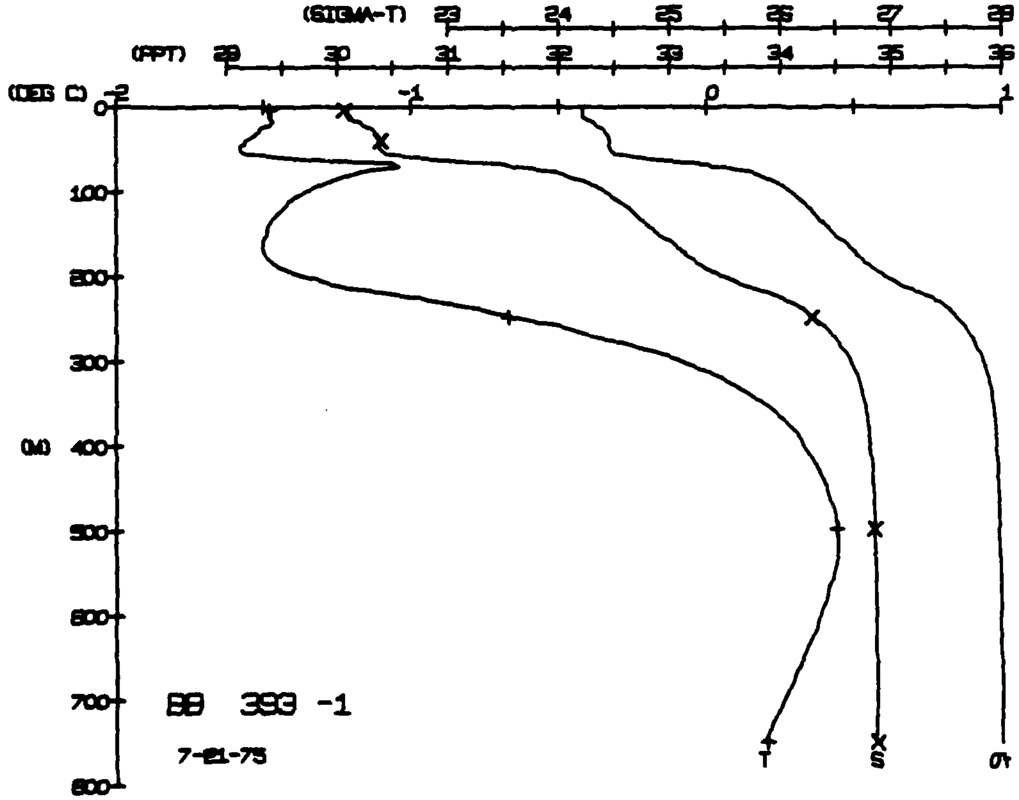
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 393 -1
7-21-75
T
S
σt

```
BIG BEAR STATION 395(1) CTD  21/JUL/1975 1712 GMT  CODE = 2
LAT = 75.0284N LNG = 144.9737W LTER =       0, LGER =       0,
AIR TEMP =  -0.1 BAROM = 1008.1 WIND = 325.8 SPEED =  74.4

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0  -1.49  -1.49  30.05  24.19  374.2  0.000  1435.3
  5.0  -1.49  -1.49  30.05  24.19  374.2  0.019  1435.4
  6.2  -1.49  -1.49  30.05  24.19  374.2  0.023  1435.4
 10.0  -1.49  -1.49  30.05  24.18  374.5  0.038  1435.5
 15.0  -1.49  -1.49  30.05  24.18  374.3  0.057  1435.6
 20.0  -1.47  -1.47  30.17  24.28  365.0  0.075  1435.9
 25.0  -1.51  -1.51  30.28  24.37  356.3  0.093  1436.0
 30.0  -1.52  -1.52  30.29  24.38  355.2  0.111  1436.0
 35.0  -1.53  -1.53  30.33  24.41  352.2  0.129  1436.1
 40.0  -1.56  -1.56  30.37  24.44  349.1  0.147  1436.1
 45.0  -1.58  -1.58  30.38  24.45  348.5  0.164  1436.1
 50.0  -1.58  -1.58  30.39  24.46  347.1  0.182  1436.2
 55.0  -1.56  -1.56  30.41  24.48  345.8  0.199  1436.4
 60.0  -1.32  -1.32  31.07  25.00  295.6  0.215  1438.6
 65.0  -1.09  -1.09  31.49  25.34  263.8  0.229  1440.3
 70.0  -1.06  -1.06  31.74  25.54  244.8  0.242  1440.9
 80.0  -1.16  -1.16  32.00  25.75  224.6  0.266  1440.9
 90.0  -1.26  -1.26  32.19  25.91  209.4  0.288  1440.9
100.0  -1.33  -1.34  32.34  26.04  197.3  0.308  1440.9
110.0  -1.40  -1.40  32.50  26.16  185.1  0.328  1441.0
120.0  -1.44  -1.44  32.60  26.25  177.3  0.346  1441.1
130.0  -1.46  -1.46  32.70  26.32  169.8  0.363  1441.3
140.0  -1.49  -1.49  32.80  26.41  161.4  0.380  1441.5
150.0  -1.50  -1.51  32.91  26.50  153.0  0.396  1441.8
160.0  -1.52  -1.52  33.02  26.58  144.9  0.411  1442.0
170.0  -1.51  -1.52  33.11  26.66  137.7  0.425  1442.3
180.0  -1.50  -1.51  33.23  26.76  128.5  0.439  1442.7
190.0  -1.46  -1.47  33.33  26.84  120.6  0.451  1443.2
200.0  -1.39  -1.40  33.48  26.96  109.5  0.463  1443.9
210.0  -1.29  -1.29  33.65  27.09   96.8  0.473  1444.8
220.0  -1.17  -1.18  33.80  27.21   85.6  0.483  1445.7
230.0  -0.99  -0.99  34.04  27.40   68.3  0.490  1447.1
240.0  -0.82  -0.83  34.19  27.51   57.4  0.497  1448.3
250.0  -0.65  -0.65  34.33  27.62   47.7  0.502  1449.4
260.0  -0.50  -0.51  34.43  27.69   40.5  0.506  1450.4
270.0  -0.36  -0.37  34.51  27.75   34.9  0.510  1451.3
280.0  -0.22  -0.23  34.58  27.80   30.3  0.513  1452.2
290.0  -0.12  -0.13  34.64  27.84   26.7  0.516  1452.9
300.0  -0.05  -0.06  34.67  27.87   24.5  0.519  1453.5
310.0   0.01   0.00  34.70  27.88   23.2  0.521  1454.0
320.0   0.07   0.05  34.71  27.89   22.1  0.524  1454.4
330.0   0.11   0.10  34.73  27.91   20.8  0.526  1454.8
340.0   0.15   0.14  34.75  27.92   19.7  0.528  1455.2
350.0   0.20   0.18  34.77  27.93   18.7  0.530  1455.6
370.0   0.27   0.25  34.80  27.95   16.9  0.533  1456.2
390.0   0.31   0.29  34.81  27.96   16.2  0.537  1456.8
410.0   0.34   0.33  34.82  27.97   15.5  0.540  1457.3
430.0   0.38   0.36  34.83  27.97   15.1  0.543  1457.8
450.0   0.40   0.38  34.84  27.98   14.5  0.546  1458.3
470.0   0.43   0.41  34.85  27.98   14.1  0.549  1458.7
490.0   0.44   0.42  34.86  27.99   13.6  0.552  1459.1
510.0   0.45   0.43  34.86  27.99   13.4  0.554  1459.5
530.0   0.44   0.42  34.87  27.99   13.1  0.557  1459.8
550.0   0.43   0.41  34.87  28.00   12.8  0.560  1460.1
570.0   0.42   0.39  34.87  28.00   12.5  0.562  1460.4
590.0   0.40   0.37  34.87  28.00   12.2  0.565  1460.6
610.0   0.38   0.35  34.88  28.01   11.9  0.567  1460.9
630.0   0.35   0.32  34.88  28.01   11.6  0.570  1461.1
650.0   0.32   0.29  34.88  28.01   11.2  0.572  1461.3
670.0   0.29   0.26  34.88  28.02   10.9  0.574  1461.5
690.0   0.27   0.24  34.88  28.02   10.8  0.576  1461.7
710.0   0.25   0.21  34.88  28.02   10.7  0.579  1461.9
730.0   0.21   0.18  34.88  28.02   10.4  0.581  1462.1
740.4   0.19   0.15  34.88  28.02   10.3  0.583  1462.3

                    DEPTH     TEMP.     SALIN

    BOT NUM = 1       3.8     -1.50     30.05
    BOT NUM = 2      39.9               30.38
    BOT NUM = 3     251.2     -0.69     34.28
    BOT NUM = 4     497.6               34.87
    BOT NUM = 5     740.4               34.89
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```
BIG BEAR STATION 397(1) CTD  22/JUL/1975  443 GMT  CODE = 2
LAT = 75.7831N LNG = 145.0101W LTER =       2, LGER =       3,
AIR TEMP =  -0.1 BAROM = 1008.7 WIND = 335.8 SPEED =  62.2

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0  -1.48  -1.48  29.99  24.14  378.7  0.000  1435.3
  4.6  -1.48  -1.48  29.99  24.14  378.6  0.018  1435.4
  5.0  -1.48  -1.48  29.99  24.14  378.6  0.019  1435.4
 10.0  -1.48  -1.48  29.99  24.13  379.0  0.038  1435.4
 15.0  -1.48  -1.48  29.99  24.13  379.1  0.057  1435.5
 20.0  -1.49  -1.49  30.10  24.22  370.4  0.076  1435.7
 25.0  -1.48  -1.48  30.11  24.24  369.2  0.095  1435.9
 30.0  -1.49  -1.49  30.24  24.34  359.5  0.113  1436.1
 35.0  -1.51  -1.51  30.31  24.40  353.6  0.131  1436.2
 40.0  -1.55  -1.55  30.36  24.44  350.0  0.149  1436.2
 45.0  -1.57  -1.57  30.41  24.48  346.0  0.166  1436.2
 50.0  -1.57  -1.57  30.43  24.50  344.0  0.184  1436.3
 55.0  -1.50  -1.50  30.67  24.68  326.1  0.201  1437.1
 60.0  -1.34  -1.35  31.01  24.95  300.4  0.216  1438.4
 65.0  -1.18  -1.18  31.51  25.36  261.8  0.230  1439.9
 70.0  -1.07  -1.07  31.68  25.49  249.4  0.243  1440.8
 80.0  -1.18  -1.18  32.05  25.80  220.2  0.267  1440.9
 90.0  -1.28  -1.28  32.22  25.93  207.3  0.289  1440.9
100.0  -1.35  -1.35  32.36  26.05  196.0  0.309  1440.9
110.0  -1.41  -1.41  32.50  26.17  184.9  0.328  1441.0
120.0  -1.45  -1.45  32.62  26.26  176.0  0.346  1441.1
130.0  -1.48  -1.48  32.70  26.33  169.2  0.364  1441.2
140.0  -1.50  -1.50  32.81  26.42  160.9  0.380  1441.5
150.0  -1.52  -1.52  32.90  26.49  153.9  0.396  1441.7
160.0  -1.53  -1.53  32.98  26.55  147.9  0.411  1441.9
170.0  -1.53  -1.53  33.06  26.62  141.2  0.426  1442.2
180.0  -1.52  -1.52  33.19  26.72  131.5  0.440  1442.6
190.0  -1.49  -1.49  33.32  26.83  121.8  0.453  1443.1
200.0  -1.41  -1.41  33.48  26.96  109.3  0.464  1443.8
210.0  -1.30  -1.30  33.66  27.10   95.9  0.475  1444.8
220.0  -1.16  -1.16  33.86  27.26   81.3  0.484  1445.9
230.0  -1.03  -1.03  34.01  27.37   70.2  0.491  1446.9
240.0  -0.81  -0.82  34.20  27.52   56.6  0.498  1448.3
250.0  -0.63  -0.63  34.34  27.63   46.7  0.503  1449.5
260.0  -0.49  -0.49  34.43  27.69   40.6  0.507  1450.5
270.0  -0.36  -0.37  34.51  27.75   35.6  0.511  1451.3
280.0  -0.24  -0.25  34.57  27.79   31.5  0.514  1452.1
290.0  -0.12  -0.13  34.63  27.83   27.7  0.517  1452.9
300.0  -0.04  -0.06  34.66  27.86   25.5  0.520  1453.5
310.0   0.01   0.00  34.68  27.87   24.0  0.523  1453.9
320.0   0.07   0.06  34.71  27.89   22.2  0.525  1454.4
330.0   0.10   0.09  34.72  27.90   21.4  0.527  1454.7
340.0   0.14   0.12  34.74  27.91   20.3  0.529  1455.1
350.0   0.18   0.16  34.76  27.92   19.5  0.531  1455.5
370.0   0.24   0.22  34.78  27.94   18.0  0.535  1456.1
390.0   0.28   0.26  34.79  27.94   17.4  0.539  1456.6
410.0   0.32   0.30  34.81  27.95   16.7  0.542  1457.2
430.0   0.35   0.33  34.81  27.96   16.2  0.545  1457.6
444.0   0.36   0.34  34.82  27.96   15.9  0.548  1458.0

                    DEPTH     TEMP.     SALIN

    BOT NUM = 1       3.8     -1.47     29.99
    BOT NUM = 2      40.6               30.38
    BOT NUM = 3     245.1     -0.62     34.30
    BOT NUM = 4     498.0      0.42     34.86
    BOT NUM = 5     749.6      0.21     34.89
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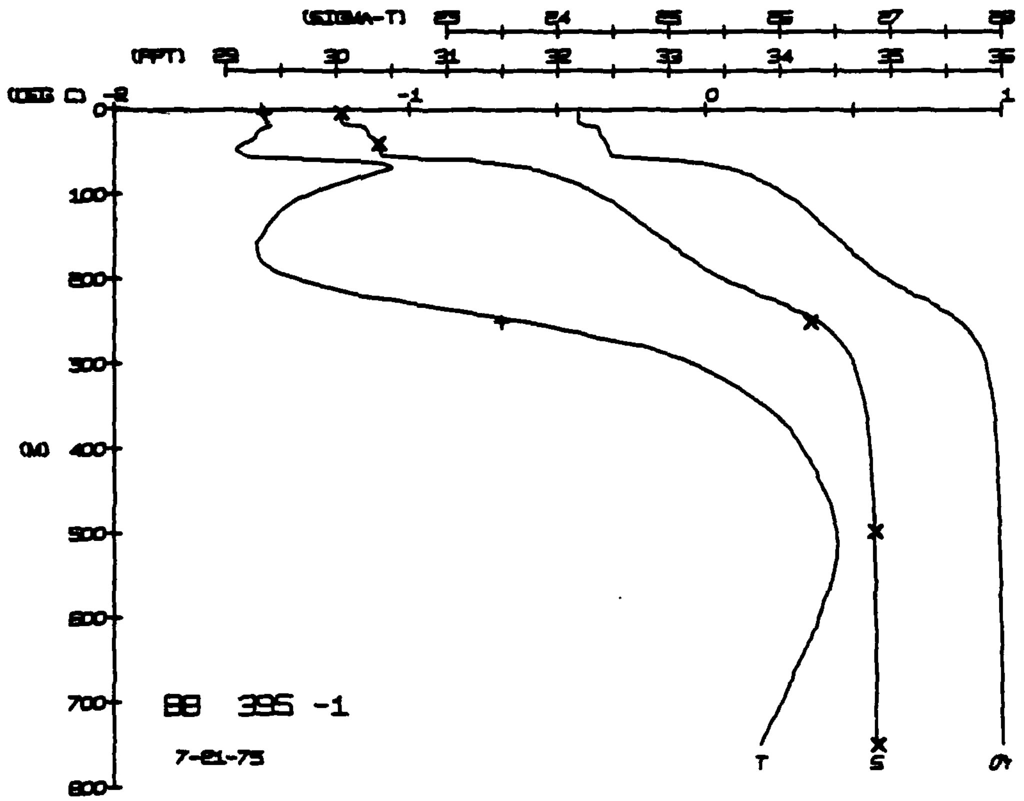
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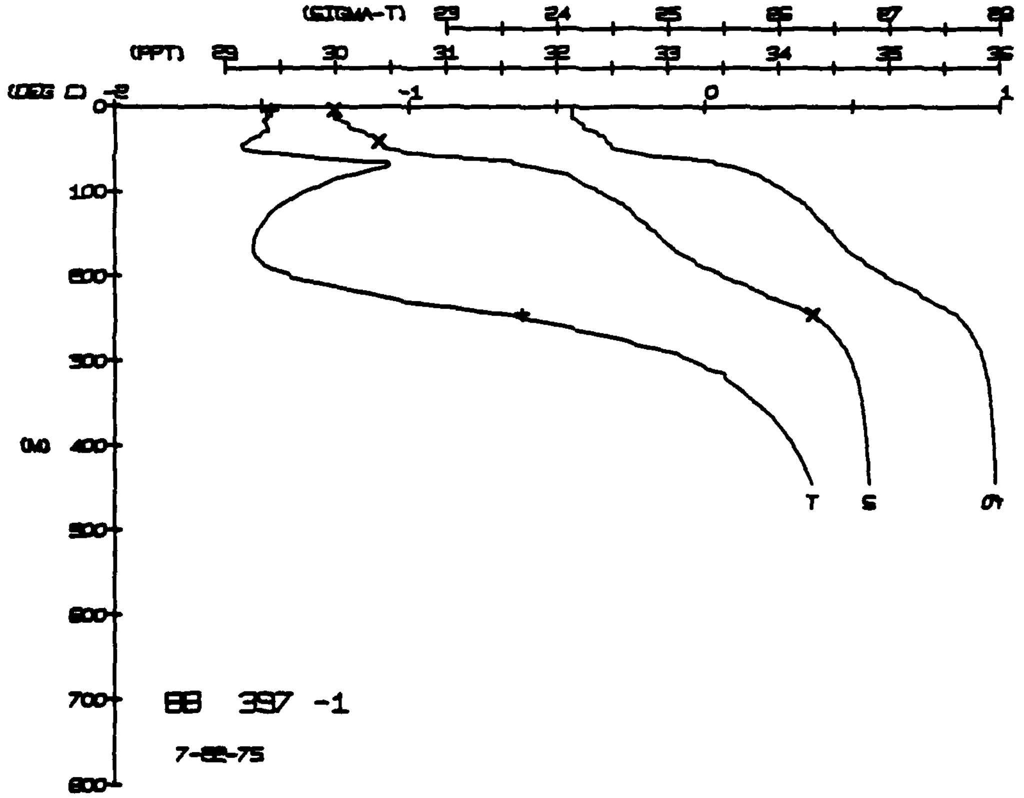
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500
600
700
800
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7-22-75
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BIG BEAR STATION 399(1) CTD  23/JUL/1975  447 GMT  CODE = 2
LAT = 75.7205N LNG = 145.0970W LTER =      0. LGER =      0.
AIR TEMP =    0.0 BAROM = 1013.0 WIND =    0.0 SPEED =    0.0

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0  -1.50   -1.50   29.97   24.12   380.5   0.000  1435.2
   3.8  -1.50   -1.50   29.97   24.12   380.4   0.015  1435.2
   5.0  -1.50   -1.50   29.97   24.12   380.5   0.019  1435.3
  10.0  -1.49   -1.49   29.99   24.14   378.9   0.038  1435.4
  15.0  -1.48   -1.48   30.02   24.16   376.8   0.057  1435.6
  20.0  -1.45   -1.45   30.13   24.25   367.7   0.076  1435.9
  25.0  -1.49   -1.49   30.25   24.35   358.7   0.094  1436.0
  30.0  -1.50   -1.50   30.27   24.36   357.2   0.112  1436.1
  35.0  -1.51   -1.51   30.31   24.39   353.9   0.130  1436.2
  40.0  -1.53   -1.53   30.37   24.44   349.5   0.148  1436.3
  45.0  -1.55   -1.55   30.38   24.45   348.6   0.166  1436.2
  50.0  -1.55   -1.55   30.44   24.50   343.5   0.183  1436.4
  55.0  -1.48   -1.48   30.60   24.63   331.4   0.200  1437.1
  60.0  -1.32   -1.32   30.95   24.91   304.4   0.216  1438.4
  65.0  -1.16   -1.16   31.45   25.31   267.0   0.230  1439.9
  70.0  -1.14   -1.14   31.71   25.52   247.0   0.243  1440.5
  80.0  -1.19   -1.19   32.06   25.80   219.9   0.267  1440.9
  90.0  -1.27   -1.27   32.24   25.95   205.9   0.288  1440.9
 100.0  -1.35   -1.35   32.41   26.09   192.4   0.308  1441.0
 110.0  -1.41   -1.41   32.53   26.19   182.5   0.327  1441.0
 120.0  -1.44   -1.45   32.64   26.28   174.1   0.345  1441.2
 130.0  -1.47   -1.47   32.74   26.36   166.5   0.362  1441.3
 140.0  -1.49   -1.49   32.81   26.42   160.7   0.379  1441.5
 150.0  -1.50   -1.51   32.92   26.51   152.1   0.395  1441.8
 160.0  -1.51   -1.51   33.03   26.59   144.0   0.410  1442.1
 170.0  -1.51   -1.51   33.15   26.69   135.0   0.424  1442.4
 180.0  -1.49   -1.50   33.24   26.77   127.6   0.437  1442.8
 190.0  -1.45   -1.45   33.38   26.88   116.8   0.449  1443.3
 200.0  -1.37   -1.38   33.54   27.01   104.8   0.461  1444.1
 210.0  -1.26   -1.26   33.72   27.15    91.5   0.470  1445.1
 220.0  -1.08   -1.09   33.93   27.31    76.2   0.479  1446.3
 230.0  -0.91   -0.92   34.11   27.45    63.0   0.486  1447.5
 240.0  -0.76   -0.77   34.29   27.55    54.1   0.492  1448.6
 250.0  -0.59   -0.60   34.37   27.65    44.6   0.497  1449.7
 260.0  -0.46   -0.47   34.46   27.71    38.6   0.501  1450.6
 270.0  -0.32   -0.33   34.54   27.78    32.8   0.505  1451.5
 280.0  -0.23   -0.24   34.60   27.81    29.3   0.508  1452.2
 290.0  -0.12   -0.13   34.65   27.85    26.0   0.511  1453.0
 300.0  -0.03   -0.04   34.68   27.87    23.7   0.513  1453.6
 310.0   0.04    0.03   34.72   27.90    21.5   0.515  1454.1
 320.0   0.09    0.07   34.74   27.91    20.2   0.517  1454.5
 330.0   0.13    0.11   34.76   27.92    19.2   0.519  1454.9
 340.0   0.16    0.15   34.77   27.93    18.3   0.521  1455.3
 350.0   0.19    0.18   34.78   27.94    17.6   0.523  1455.6
 370.0   0.24    0.23   34.80   27.95    17.0   0.527  1456.2
 390.0   0.28    0.26   34.81   27.96    16.3   0.530  1456.7
 410.0   0.32    0.30   34.82   27.97    15.5   0.533  1457.2
 430.0   0.35    0.33   34.83   27.97    14.9   0.536  1457.7
 450.0   0.38    0.36   34.84   27.98    14.4   0.539  1458.2
 470.0   0.40    0.38   34.85   27.98    13.9   0.542  1458.6
 490.0   0.42    0.39   34.86   27.99    13.5   0.545  1459.0
 510.0   0.43    0.40   34.87   28.00    12.7   0.548  1459.4
 530.0   0.43    0.41   34.87   28.00    12.5   0.550  1459.8
 550.0   0.43    0.41   34.87   28.00    12.4   0.553  1460.1
 570.0   0.42    0.40   34.88   28.00    12.1   0.555  1460.4
 590.0   0.41    0.38   34.88   28.01    11.7   0.557  1460.7
 610.0   0.39    0.36   34.88   28.01    11.4   0.560  1460.9
 630.0   0.38    0.35   34.89   28.01    11.2   0.562  1461.2
 650.0   0.36    0.33   34.89   28.02    10.9   0.564  1461.4
 670.0   0.34    0.31   34.89   28.02    10.8   0.567  1461.7
 690.0   0.31    0.28   34.89   28.02    10.6   0.569  1461.9
 710.0   0.29    0.25   34.89   28.02    10.3   0.571  1462.1
 730.0   0.26    0.23   34.89   28.02    10.3   0.573  1462.3

                     DEPTH      TEMP.      SALIN

      BOT NUM = 1      3.8      -1.48      29.96
      BOT NUM = 2     39.2                 30.33
      BOT NUM = 3    243.7      -0.62      34.30
      BOT NUM = 4    499.7       0.41
      BOT NUM = 5    749.6       0.23      34.87
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```
BIG BEAR STATION 401(1) CTD  23/JUL/1975 1705 GMT  CODE = 2
LAT = 75.7057N LNG = 145.1379W LTER =      0. LGER =      0.
AIR TEMP =   -1.4 BAROM = 1015.0 WIND = 329.7 SPEED =   34.9

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0  -1.51   -1.51   29.96   24.11   381.3   0.000  1435.1
   5.0  -1.51   -1.51   29.96   24.11   381.2   0.019  1435.2
   6.2  -1.51   -1.51   29.96   24.11   381.2   0.024  1435.2
  10.0  -1.49   -1.49   29.96   24.11   381.1   0.038  1435.4
  15.0  -1.49   -1.49   29.97   24.12   380.3   0.058  1435.5
  20.0  -1.46   -1.46   30.09   24.21   371.3   0.076  1435.9
  25.0  -1.46   -1.47   30.23   24.33   360.3   0.095  1436.1
  30.0  -1.49   -1.50   30.24   24.34   359.2   0.113  1436.1
  35.0  -1.52   -1.52   30.27   24.36   357.0   0.131  1436.1
  40.0  -1.54   -1.54   30.30   24.39   354.3   0.149  1436.1
  45.0  -1.55   -1.55   30.35   24.43   350.6   0.167  1436.2
  50.0  -1.54   -1.55   30.39   24.46   347.3   0.184  1436.4
  55.0  -1.49   -1.49   30.50   24.55   339.1   0.202  1436.9
  60.0  -1.41   -1.41   30.69   24.70   324.2   0.218  1437.6
  65.0  -1.15   -1.15   31.32   25.21   276.4   0.233  1439.8
  70.0  -1.14   -1.14   31.58   25.41   257.1   0.247  1440.3
  80.0  -1.19   -1.20   32.00   25.75   224.4   0.271  1440.8
  90.0  -1.29   -1.29   32.21   25.93   207.9   0.293  1440.8
 100.0  -1.35   -1.36   32.36   26.05   195.8   0.313  1440.9
 110.0  -1.42   -1.42   32.52   26.18   183.9   0.337  1441.0
 120.0  -1.45   -1.45   32.62   26.26   175.9   0.351  1441.1
 130.0  -1.48   -1.48   32.73   26.35   167.5   0.368  1441.3
 140.0  -1.50   -1.51   32.83   26.44   159.2   0.384  1441.5
 150.0  -1.52   -1.52   32.92   26.50   152.7   0.400  1441.7
 160.0  -1.52   -1.53   33.01   26.58   145.5   0.415  1442.0
 170.0  -1.52   -1.52   33.12   26.67   136.7   0.429  1442.3
 180.0  -1.50   -1.50   33.25   26.77   126.9   0.443  1442.8
 190.0  -1.45   -1.45   33.38   26.87   117.3   0.455  1443.3
 200.0  -1.37   -1.37   33.54   27.01   104.9   0.466  1444.1
 210.0  -1.24   -1.25   33.72   27.15    91.6   0.476  1445.1
 220.0  -1.09   -1.10   33.92   27.30    77.1   0.485  1446.3
 230.0  -0.93   -0.94   34.09   27.44    64.5   0.492  1447.4
 240.0  -0.70   -0.70   34.29   27.58    50.7   0.498  1449.0
 250.0  -0.57   -0.58   34.37   27.65    44.6   0.502  1449.8
 260.0  -0.43   -0.43   34.46   27.71    38.7   0.507  1450.8
 270.0  -0.32   -0.33   34.53   27.77    33.7   0.510  1451.5
 280.0  -0.18   -0.19   34.60   27.81    29.6   0.514  1452.5
 290.0  -0.10   -0.11   34.63   27.84    27.2   0.516  1453.0
 300.0  -0.02   -0.04   34.67   27.86    24.9   0.519  1453.6
 310.0   0.02    0.01   34.69   27.88    23.4   0.521  1454.0
 320.0   0.08    0.07   34.72   27.90    21.7   0.524  1454.5
 330.0   0.13    0.12   34.74   27.91    20.6   0.526  1454.9
 340.0   0.16    0.14   34.75   27.92    19.8   0.528  1455.2
 350.0   0.19    0.18   34.76   27.92    19.2   0.530  1455.5
 370.0   0.24    0.22   34.78   27.94    17.9   0.534  1456.1
 390.0   0.29    0.27   34.80   27.95    16.9   0.537  1456.7
 410.0   0.33    0.31   34.81   27.96    16.2   0.540  1457.2
 430.0   0.36    0.35   34.82   27.96    15.8   0.544  1457.7
 450.0   0.38    0.36   34.83   27.97    15.3   0.547  1458.1
 470.0   0.40    0.38   34.84   27.97    14.9   0.550  1458.6
 490.0   0.41    0.39   34.84   27.98    14.7   0.553  1459.0
 510.0   0.42    0.40   34.85   27.98    14.1   0.556  1459.3
 530.0   0.42    0.40   34.85   27.98    14.0   0.559  1459.7
 550.0   0.42    0.40   34.86   27.99    13.6   0.561  1460.0
 570.0   0.40    0.38   34.86   27.99    13.3   0.564  1460.3
 590.0   0.39    0.36   34.86   28.00    12.9   0.567  1460.5
 610.0   0.37    0.34   34.87   28.00    12.5   0.569  1460.8
 630.0   0.35    0.32   34.87   28.00    12.4   0.572  1461.1
 650.0   0.32    0.29   34.87   28.00    12.1   0.574  1461.3
 670.0   0.30    0.27   34.87   28.00    11.9   0.577  1461.5
 690.0   0.27    0.24   34.87   28.01    11.7   0.579  1461.7
 710.0   0.24    0.21   34.87   28.01    11.4   0.582  1461.9
 730.0   0.23    0.20   34.87   28.01    11.4   0.584  1462.2
 750.0   0.20    0.17   34.87   28.01    11.3   0.586  1462.4
 764.2   0.19    0.16   34.87   28.01    11.2   0.588  1462.6

                     DEPTH      TEMP.      SALIN

      BOT NUM = 1      3.8      -1.47      29.96
      BOT NUM = 2     40.0                 30.33
      BOT NUM = 3    244.0      -0.62      34.29
      BOT NUM = 4    499.3       0.43      34.84
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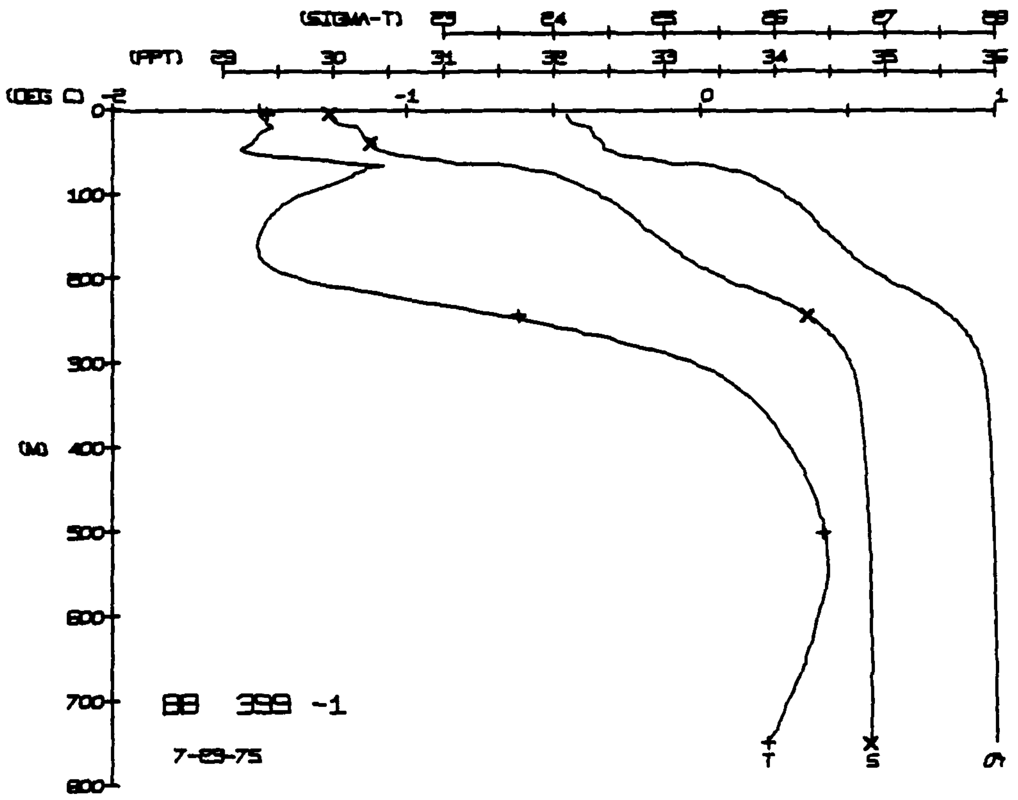
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(M) 400
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800
BB 399 -1
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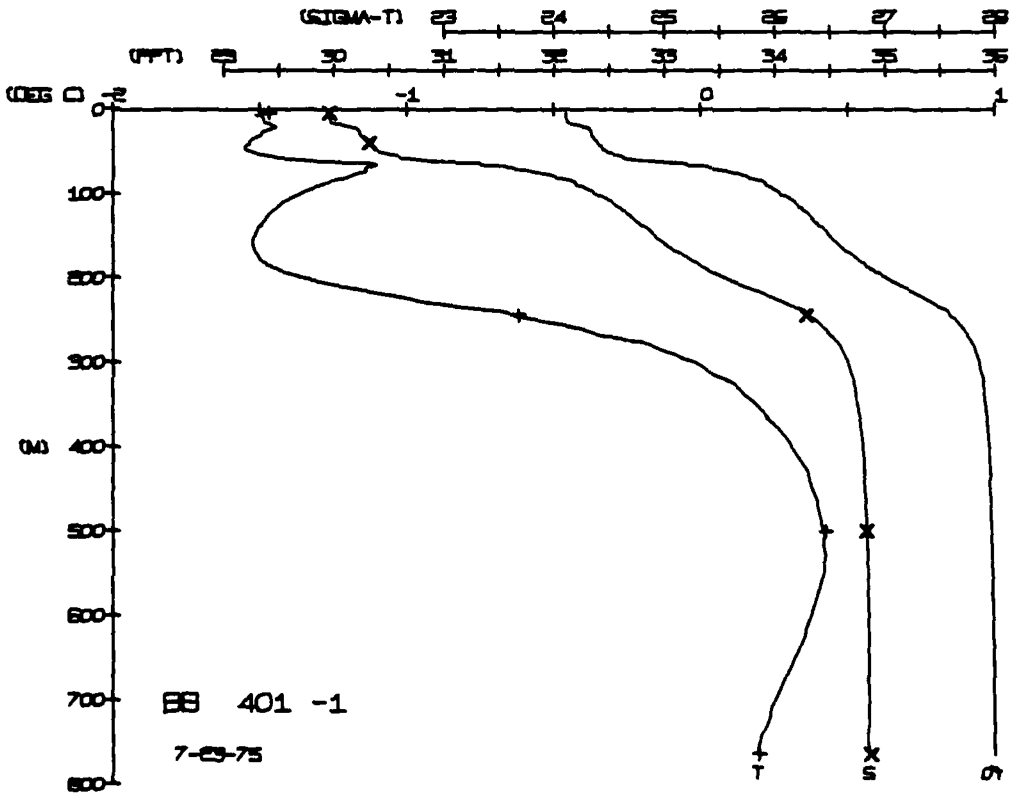
S
σt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700
800
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S
σt

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BIG BEAR STATION 403(1) CTD  24/JUL/1975  458 GMT  CODE = 2
LAT = 75.6938N LNG = 145.1523W LTER =      2. LGER =      4.
AIR TEMP =  -1.4 BAROM = 1014.0 WIND = 329.7 SPEED =  34.9

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.49   -1.49   29.96   24.11   381.1   0.000  1435.2
   4.6   -1.49   -1.49   29.96   24.11   381.1   0.018  1435.3
   5.0   -1.49   -1.49   29.96   24.11   381.1   0.019  1435.3
  10.0   -1.48   -1.48   29.97   24.12   380.3   0.038  1435.4
  15.0   -1.48   -1.48   29.98   24.13   379.8   0.057  1435.5
  20.0   -1.45   -1.45   30.11   24.23   369.8   0.076  1435.9
  25.0   -1.47   -1.47   30.21   24.32   361.6   0.095  1436.1
  30.0   -1.49   -1.49   30.24   24.34   359.4   0.113  1436.1
  35.0   -1.50   -1.50   30.28   24.37   356.3   0.131  1436.2
  40.0   -1.53   -1.53   30.34   24.42   351.5   0.149  1436.2
  45.0   -1.56   -1.56   30.36   24.44   349.6   0.166  1436.2
  50.0   -1.57   -1.57   30.39   24.46   347.3   0.184  1436.3
  55.0   -1.49   -1.49   30.54   24.58   335.9   0.201  1436.9
  60.0   -1.37   -1.37   30.85   24.83   312.4   0.218  1438.0
  65.0   -1.17   -1.17   31.43   25.30   267.9   0.232  1439.9
  70.0   -1.06   -1.07   31.68   25.49   249.3   0.245  1440.8
  80.0   -1.15   -1.15   32.03   25.78   222.3   0.269  1441.0
  90.0   -1.26   -1.27   32.25   25.96   205.0   0.290  1441.0
 100.0   -1.34   -1.34   32.40   26.08   192.8   0.311  1441.0
 110.0   -1.40   -1.40   32.53   26.19   182.9   0.329  1441.1
 120.0   -1.44   -1.44   32.64   26.28   173.9   0.347  1441.2
 130.0   -1.47   -1.47   32.75   26.36   166.0   0.365  1441.4
 140.0   -1.49   -1.49   32.85   26.45   157.9   0.381  1441.6
 150.0   -1.50   -1.50   32.95   26.53   150.5   0.397  1441.8
 160.0   -1.51   -1.51   33.05   26.61   142.1   0.411  1442.1
 170.0   -1.50   -1.50   33.16   26.70   133.6   0.425  1442.5
 180.0   -1.48   -1.49   33.26   26.78   126.3   0.438  1442.8
 190.0   -1.45   -1.45   33.38   26.88   116.8   0.451  1443.4
 200.0   -1.37   -1.37   33.55   27.01   104.5   0.462  1444.1
 210.0   -1.27   -1.28   33.71   27.14    92.6   0.472  1445.0
 220.0   -1.12   -1.13   33.90   27.29    78.4   0.480  1446.1
 230.0   -0.97   -0.98   34.07   27.42    65.7   0.488  1447.2
 240.0   -0.78   -0.78   34.25   27.55    53.4   0.494  1448.5
 250.0   -0.58   -0.59   34.37   27.65    44.7   0.499  1449.8
 260.0   -0.45   -0.46   34.46   27.71    38.9   0.503  1450.7
 270.0   -0.35   -0.36   34.51   27.75    34.9   0.507  1451.4
 280.0   -0.26   -0.27   34.56   27.78    32.0   0.510  1452.0
 290.0   -0.15   -0.16   34.61   27.82    28.5   0.513  1452.8
 300.0   -0.06   -0.07   34.66   27.85    25.7   0.516  1453.4
 310.0    0.01    0.00   34.69   27.88    23.4   0.518  1453.9
 320.0    0.08    0.07   34.72   27.90    21.6   0.520  1454.5
 330.0    0.13    0.12   34.74   27.91    20.3   0.523  1454.9
 340.0    0.18    0.16   34.76   27.92    19.2   0.525  1455.3
 350.0    0.21    0.19   34.77   27.93    18.3   0.526  1455.6
 370.0    0.26    0.25   34.79   27.95    17.3   0.530  1456.2
 390.0    0.31    0.29   34.81   27.95    16.5   0.533  1456.8
 410.0    0.35    0.33   34.82   27.96    15.8   0.537  1457.3
 430.0    0.38    0.36   34.83   27.97    15.2   0.540  1457.8
 450.0    0.40    0.38   34.84   27.98    14.7   0.543  1458.3
 470.0    0.42    0.40   34.85   27.98    14.3   0.546  1458.7
 490.0    0.44    0.42   34.85   27.98    14.0   0.549  1459.1
 510.0    0.45    0.42   34.86   27.99    13.7   0.551  1459.5
 530.0    0.44    0.42   34.86   27.99    13.4   0.554  1459.8
 550.0    0.43    0.41   34.87   27.99    13.1   0.557  1460.1
 570.0    0.42    0.39   34.87   28.00    12.8   0.559  1460.4
 590.0    0.40    0.37   34.87   28.00    12.5   0.562  1460.6
 610.0    0.38    0.35   34.87   28.00    12.1   0.565  1460.9
 630.0    0.36    0.33   34.88   28.01    11.8   0.567  1461.1
 650.0    0.34    0.31   34.88   28.01    11.7   0.569  1461.3
 670.0    0.31    0.28   34.88   28.01    11.4   0.572  1461.6
 690.0    0.29    0.26   34.88   28.01    11.2   0.574  1461.8
 710.0    0.26    0.23   34.88   28.01    10.9   0.576  1462.0
 730.0    0.24    0.21   34.88   28.02    10.8   0.578  1462.2
 749.0    0.21    0.18   34.88   28.02    10.7   0.580  1462.4

                          DEPTH      TEMP.      SALIN

       BUT NUM = 1          3.8                 29.96
       BUT NUM = 2         39.3                 30.32
       BUT NUM = 3        248.2                 34.29
       BUT NUM = 4        499.7      0.44       34.84
       BUT NUM = 5        749.3      0.21       34.87
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BIG BEAR STATION 405(1) CTD  24/JUL/1975 1705 GMT  CODE = 2
LAT = 75.6940N LNG = 145.1821W LTER =      2. LGER =      3.
AIR TEMP =   0.1 BAROM = 1013.6 WIND =  38.8 SPEED =  20.0

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.47   -1.47   29.98   24.13   380.0   0.000  1435.3
   5.0   -1.47   -1.47   29.98   24.13   379.9   0.019  1435.4
   7.0   -1.47   -1.47   29.98   24.13   379.9   0.027  1435.4
  10.0   -1.46   -1.46   29.98   24.13   379.6   0.038  1435.6
  15.0   -1.46   -1.46   30.00   24.14   378.1   0.057  1435.6
  20.0   -1.43   -1.43   30.09   24.21   371.4   0.076  1436.0
  25.0   -1.44   -1.44   30.22   24.32   361.0   0.095  1436.2
  30.0   -1.47   -1.47   30.25   24.34   358.9   0.113  1436.2
  35.0   -1.50   -1.50   30.26   24.36   357.4   0.131  1436.2
  40.0   -1.54   -1.54   30.35   24.43   350.9   0.149  1436.2
  45.0   -1.56   -1.57   30.37   24.45   348.8   0.166  1436.2
  50.0   -1.55   -1.55   30.40   24.47   346.3   0.184  1436.4
  55.0   -1.49   -1.49   30.53   24.57   336.7   0.201  1436.9
  60.0   -1.31   -1.31   30.87   24.84   311.1   0.217  1438.3
  65.0   -1.14   -1.14   31.22   25.12   284.3   0.232  1439.7
  70.0   -1.07   -1.07   31.65   25.47   251.4   0.246  1440.7
  80.0   -1.18   -1.18   32.03   25.78   222.0   0.270  1440.9
  90.0   -1.27   -1.27   32.22   25.93   207.3   0.291  1440.9
 100.0   -1.35   -1.35   32.38   26.07   194.3   0.312  1440.9
 110.0   -1.40   -1.41   32.52   26.18   183.5   0.331  1441.0
 120.0   -1.43   -1.44   32.61   26.26   176.2   0.349  1441.2
 130.0   -1.48   -1.48   32.75   26.37   165.8   0.366  1441.3
 140.0   -1.49   -1.50   32.85   26.45   158.0   0.382  1441.6
 150.0   -1.51   -1.51   32.93   26.51   151.7   0.398  1441.8
 160.0   -1.51   -1.52   33.02   26.58   144.9   0.413  1442.0
 170.0   -1.51   -1.51   33.12   26.66   137.3   0.427  1442.3
 180.0   -1.50   -1.50   33.23   26.76   128.2   0.441  1442.8
 190.0   -1.46   -1.47   33.36   26.86   118.8   0.453  1443.2
 200.0   -1.38   -1.39   33.49   26.97   108.7   0.464  1444.0
 210.0   -1.27   -1.28   33.66   27.10    96.4   0.475  1444.9
 220.0   -1.11   -1.11   33.87   27.26    81.1   0.484  1446.1
 230.0   -0.96   -0.96   34.06   27.41    66.5   0.491  1447.3
 240.0   -0.76   -0.77   34.22   27.53    55.6   0.497  1448.6
 250.0   -0.60   -0.61   34.34   27.62    46.8   0.503  1449.7
 260.0   -0.49   -0.49   34.43   27.69    40.7   0.507  1450.5
 270.0   -0.38   -0.39   34.49   27.74    36.4   0.511  1451.2
 280.0   -0.27   -0.28   34.55   27.78    32.5   0.514  1451.9
 290.0   -0.15   -0.16   34.61   27.82    28.5   0.517  1452.8
 300.0   -0.07   -0.08   34.65   27.85    25.9   0.520  1453.4
 310.0    0.01    0.00   34.69   27.88    23.4   0.523  1453.9
 320.0    0.07    0.06   34.73   27.90    21.1   0.525  1454.4
 330.0    0.12    0.11   34.75   27.92    19.8   0.527  1454.9
 340.0    0.16    0.15   34.76   27.93    18.8   0.529  1455.2
 350.0    0.19    0.18   34.78   27.94    18.1   0.531  1455.6
 370.0    0.24    0.23   34.80   27.95    17.0   0.534  1456.1
 390.0    0.29    0.27   34.81   27.96    16.0   0.538  1456.7
 410.0    0.34    0.32   34.83   27.97    15.3   0.541  1457.3
 430.0    0.37    0.35   34.84   27.97    14.8   0.544  1457.8
 450.0    0.40    0.38   34.84   27.98    14.3   0.547  1458.2
 470.0    0.41    0.39   34.85   27.98    13.9   0.550  1458.7
 490.0    0.43    0.41   34.86   27.99    13.5   0.552  1459.1
 510.0    0.44    0.42   34.86   27.99    13.2   0.555  1459.4
 530.0    0.44    0.41   34.87   27.99    13.0   0.558  1459.8
 550.0    0.43    0.40   34.87   28.00    12.7   0.560  1460.1
 570.0    0.42    0.39   34.87   28.00    12.4   0.563  1460.4
 590.0    0.40    0.37   34.87   28.00    12.1   0.565  1460.6
 610.0    0.38    0.35   34.88   28.01    11.8   0.568  1460.9
 630.0    0.36    0.34   34.88   28.01    11.5   0.570  1461.1
 650.0    0.34    0.31   34.88   28.01    11.3   0.573  1461.3
 670.0    0.31    0.28   34.88   28.01    11.1   0.575  1461.6
 690.0    0.28    0.25   34.88   28.02    10.8   0.577  1461.8
 710.0    0.26    0.23   34.88   28.02    10.6   0.579  1462.0
 730.0    0.23    0.20   34.88   28.02    10.5   0.581  1462.2
 748.7    0.21    0.17   34.88   28.02    10.4   0.583  1462.4

                          DEPTH      TEMP.      SALIN

       BUT NUM = 1          3.8                 29.96
       BUT NUM = 2         39.9                 30.34
       BUT NUM = 3        249.3                 34.29
       BOT NUM = 4        499.4      0.43       34.84
       BOT NUM = 5        749.1      0.21       34.88
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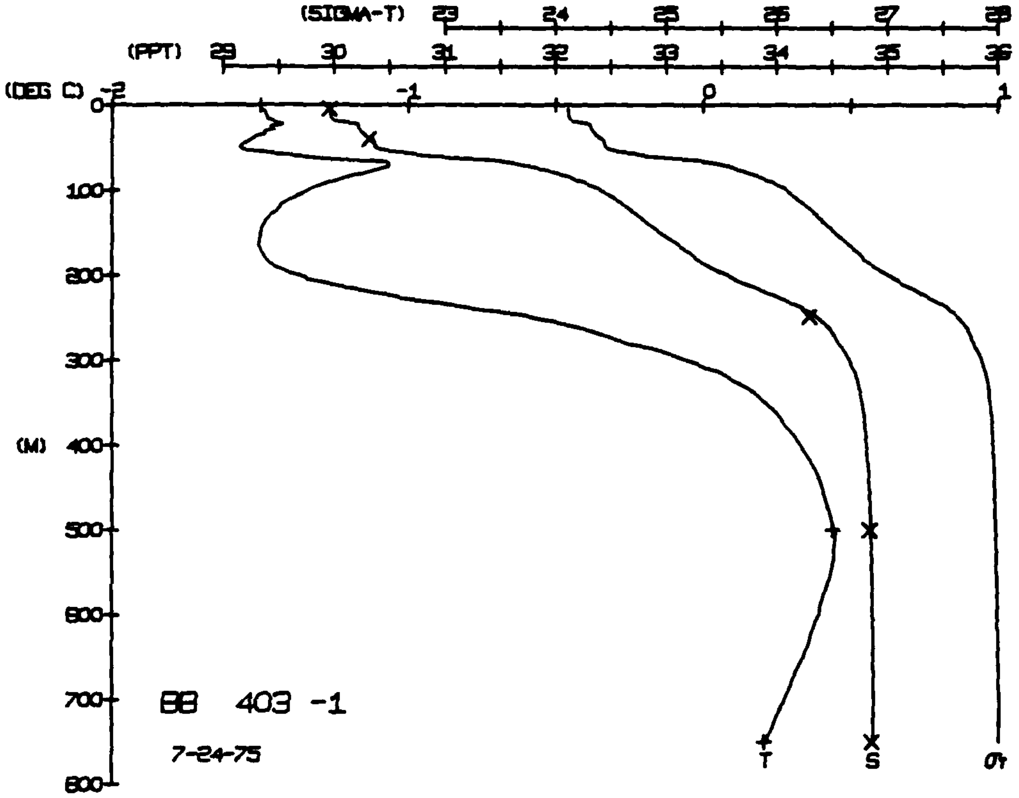
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(M) 400
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BB 403 -1
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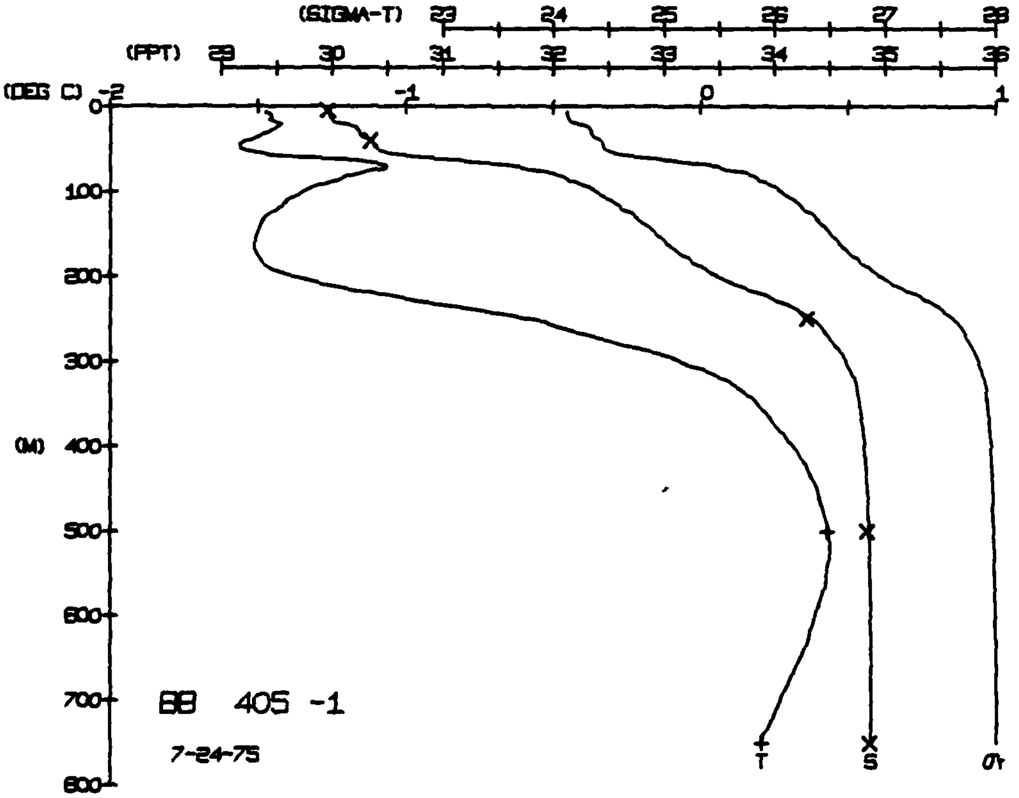
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
BB 405 -1
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BIG BEAR STATION 407(1) CTD  25/JUL/1975  516 GMT  CODE = 2
LAT = 75.6922N LNG = 145.2767W LTER =      0. LGER =      0.
AIR TEMP =   0.1 BARUM = 1015.7 WIND =  30.8 SPEED =  20.0

DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVUL  DYNHT  SOUND

  0.0   -1.47  -1.47  29.93  24.09  383.3  0.000  1435.3
  3.0   -1.47  -1.47  29.93  24.09  383.3  0.015  1435.4
  5.0   -1.47  -1.47  29.93  24.09  383.3  0.019  1435.4
 10.0   -1.47  -1.47  29.95  24.10  382.1  0.039  1435.5
 15.0   -1.47  -1.47  29.99  24.14  378.4  0.058  1435.6
 20.0   -1.45  -1.45  30.20  24.30  362.9  0.076  1436.1
 25.0   -1.45  -1.45  30.22  24.32  360.8  0.095  1436.2
 30.0   -1.46  -1.46  30.23  24.33  359.9  0.113  1436.2
 35.0   -1.49  -1.49  30.25  24.34  358.7  0.131  1436.2
 40.0   -1.50  -1.50  30.26  24.36  357.3  0.149  1436.2
 45.0   -1.53  -1.53  30.33  24.41  352.2  0.167  1436.3
 50.0   -1.55  -1.55  30.35  24.43  350.3  0.184  1436.3
 55.0   -1.54  -1.54  30.40  24.47  346.6  0.202  1436.5
 60.0   -1.41  -1.41  30.78  24.77  317.9  0.219  1437.7
 65.0   -1.09  -1.09  31.54  25.38  260.3  0.233  1440.4
 70.0   -1.08  -1.08  31.80  25.59  240.2  0.246  1440.9
 80.0   -1.17  -1.17  32.06  25.80  219.5  0.269  1441.0
 90.0   -1.28  -1.28  32.24  25.95  205.8  0.291  1440.9
100.0   -1.34  -1.35  32.40  26.08  193.3  0.311  1441.0
110.0   -1.40  -1.40  32.54  26.20  182.1  0.330  1441.1
120.0   -1.44  -1.44  32.65  26.29  173.5  0.347  1441.2
130.0   -1.47  -1.47  32.74  26.36  166.8  0.365  1441.4
140.0   -1.48  -1.49  32.82  26.43  159.9  0.381  1441.6
150.0   -1.50  -1.50  32.93  26.51  151.6  0.397  1441.8
160.0   -1.51  -1.51  33.01  26.58  145.4  0.412  1442.0
170.0   -1.50  -1.51  33.11  26.66  137.4  0.426  1442.4
180.0   -1.48  -1.48  33.25  26.78  129.7  0.439  1442.9
190.0   -1.43  -1.44  33.38  26.87  117.4  0.452  1443.4
200.0   -1.34  -1.35  33.55  27.01  104.5  0.463  1444.3
210.0   -1.21  -1.21  33.75  27.17   89.3  0.473  1445.3
220.0   -1.06  -1.06  33.94  27.32   75.6  0.481  1446.5
230.0   -0.89  -0.90  34.11  27.45   63.3  0.488  1447.6
240.0   -0.71  -0.72  34.25  27.56   53.0  0.494  1448.9
250.0   -0.58  -0.59  34.35  27.63   46.0  0.499  1449.8
260.0   -0.47  -0.48  34.43  27.69   41.1  0.503  1450.5
270.0   -0.34  -0.35  34.50  27.74   36.3  0.507  1451.4
280.0   -0.24  -0.25  34.55  27.78   32.6  0.511  1452.1
290.0   -0.15  -0.16  34.60  27.81   29.5  0.514  1452.7
300.0   -0.06  -0.07  34.65  27.85   26.4  0.517  1453.4
310.0    0.01   0.00  34.67  27.86   24.8  0.519  1453.9
320.0    0.07   0.06  34.71  27.89   22.4  0.522  1454.4
330.0    0.12   0.11  34.73  27.90   21.2  0.524  1454.8
340.0    0.16   0.15  34.75  27.91   20.2  0.526  1455.2
350.0    0.20   0.19  34.76  27.92   19.4  0.528  1455.6
370.0    0.26   0.24  34.78  27.94   18.0  0.532  1456.2
390.0    0.31   0.29  34.80  27.95   17.1  0.535  1456.8
410.0    0.35   0.33  34.81  27.96   16.4  0.539  1457.3
430.0    0.38   0.36  34.82  27.96   15.9  0.542  1457.8
450.0    0.40   0.38  34.83  27.97   15.4  0.545  1458.2
470.0    0.42   0.39  34.83  27.97   15.2  0.548  1458.6
490.0    0.42   0.40  34.84  27.98   14.7  0.551  1459.0
510.0    0.44   0.41  34.85  27.98   14.3  0.554  1459.4
530.0    0.43   0.41  34.85  27.98   14.0  0.557  1459.7
550.0    0.42   0.40  34.86  27.99   13.5  0.560  1460.0
570.0    0.41   0.38  34.86  27.99   13.3  0.562  1460.3
590.0    0.39   0.36  34.86  27.99   13.1  0.565  1460.6
610.0    0.37   0.35  34.86  28.00   12.8  0.568  1460.8
630.0    0.35   0.33  34.87  28.00   12.5  0.570  1461.1
650.0    0.33   0.30  34.87  28.00   12.2  0.573  1461.3
670.0    0.31   0.28  34.87  28.00   12.0  0.575  1461.5
690.0    0.28   0.25  34.87  28.01   11.7  0.578  1461.7
710.0    0.26   0.22  34.87  28.01   11.7  0.580  1462.0
730.0    0.23   0.19  34.87  28.01   11.5  0.582  1462.2

                    DEPTH     TEMP.     SALIN

    BOT NUM = 1       3.8     -1.45     29.94
    BOT NUM = 2      39.9               30.29
    BOT NUM = 3     254.2     -0.67     34.29
    BOT NUM = 4     499.6      0.43     34.84
    BOT NUM = 5     747.2      0.22     34.88
```

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BIG BEAR STATION 409(1) CTD  25/JUL/1975 1700 GMT  CODE = 2
LAT = 75.6888N LNG = 145.4022W LTER =      2. LGER =      4.
AIR TEMP =  -1.2 BARUM = 1017.5 WIND =  35.5 SPEED =  40.3

DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVUL  DYNHT  SOUND

  0.0   -1.47  -1.47  29.93  24.09  383.3  0.000  1435.3
  4.6   -1.47  -1.47  29.93  24.09  383.3  0.018  1435.4
  5.0   -1.47  -1.47  29.93  24.09  383.2  0.019  1435.4
 10.0   -1.45  -1.45  29.95  24.10  382.1  0.039  1435.5
 15.0   -1.45  -1.45  29.98  24.13  379.8  0.058  1435.7
 20.0   -1.45  -1.45  30.00  24.14  377.9  0.077  1435.8
 25.0   -1.44  -1.44  30.09  24.22  371.0  0.096  1436.0
 30.0   -1.46  -1.46  30.20  24.31  362.4  0.114  1436.2
 35.0   -1.47  -1.47  30.23  24.33  360.4  0.132  1436.2
 40.0   -1.51  -1.51  30.31  24.40  353.6  0.150  1436.2
 45.0   -1.54  -1.54  30.36  24.44  349.7  0.168  1436.3
 50.0   -1.55  -1.55  30.37  24.44  349.0  0.186  1436.3
 55.0   -1.53  -1.53  30.42  24.48  345.4  0.203  1436.6
 60.0   -1.41  -1.41  30.65  24.67  327.6  0.220  1437.5
 65.0   -1.14  -1.14  31.26  25.15  281.6  0.235  1439.7
 70.0   -1.07  -1.07  31.67  25.48  250.0  0.249  1440.8
 80.0   -1.17  -1.17  32.01  25.76  223.3  0.273  1440.9
 90.0   -1.26  -1.26  32.21  25.93  207.6  0.294  1440.9
100.0   -1.34  -1.34  32.38  26.06  194.8  0.315  1441.0
110.0   -1.38  -1.38  32.50  26.16  185.3  0.334  1441.1
120.0   -1.41  -1.42  32.61  26.25  177.0  0.352  1441.3
130.0   -1.44  -1.44  32.71  26.34  168.8  0.370  1441.4
140.0   -1.47  -1.47  32.80  26.41  161.7  0.386  1441.6
150.0   -1.49  -1.50  32.92  26.50  152.8  0.402  1441.8
160.0   -1.50  -1.51  33.02  26.59  144.5  0.417  1442.1
170.0   -1.49  -1.49  33.11  26.66  137.9  0.431  1442.4
180.0   -1.48  -1.48  33.21  26.74  130.3  0.445  1442.8
190.0   -1.44  -1.44  33.34  26.85  120.1  0.458  1443.3
200.0   -1.36  -1.37  33.51  26.98  107.6  0.469  1444.1
210.0   -1.25  -1.26  33.66  27.10   96.1  0.479  1445.0
220.0   -1.09  -1.10  33.87  27.26   80.9  0.488  1446.2
230.0   -0.95  -0.96  34.04  27.39   68.6  0.496  1447.3
240.0   -0.80  -0.81  34.17  27.50   58.8  0.502  1448.3
250.0   -0.59  -0.59  34.33  27.61   47.9  0.508  1449.7
260.0   -0.45  -0.46  34.42  27.68   41.6  0.512  1450.6
270.0   -0.34  -0.35  34.49  27.73   36.7  0.516  1451.4
280.0   -0.24  -0.25  34.55  27.77   33.0  0.520  1452.1
290.0   -0.14  -0.15  34.60  27.81   29.4  0.523  1452.8
300.0   -0.05  -0.06  34.64  27.84   27.0  0.526  1453.4
310.0    0.02   0.01  34.67  27.86   24.8  0.528  1454.0
320.0    0.07   0.06  34.70  27.88   23.5  0.531  1454.4
330.0    0.13   0.11  34.73  27.90   21.3  0.533  1454.9
340.0    0.17   0.16  34.75  27.91   20.2  0.535  1455.3
350.0    0.21   0.19  34.76  27.92   19.4  0.537  1455.6
370.0    0.27   0.25  34.78  27.94   18.1  0.541  1456.2
390.0    0.32   0.30  34.80  27.95   17.1  0.544  1456.8
410.0    0.35   0.34  34.82  27.96   16.1  0.548  1457.3
430.0    0.38   0.36  34.83  27.97   15.5  0.551  1457.8
450.0    0.41   0.39  34.84  27.97   15.1  0.554  1458.3
464.1    0.43   0.41  34.84  27.97   14.8  0.556  1458.6

                    DEPTH     TEMP.     SALIN

    BOT NUM = 1       3.8     -1.48     29.89
    BOT NUM = 2      39.7               30.32
    BOT NUM = 3     248.5     -0.64     34.29
    BOT NUM = 4     497.1      0.44     34.85
    BOT NUM = 5     750.3      0.21     34.88
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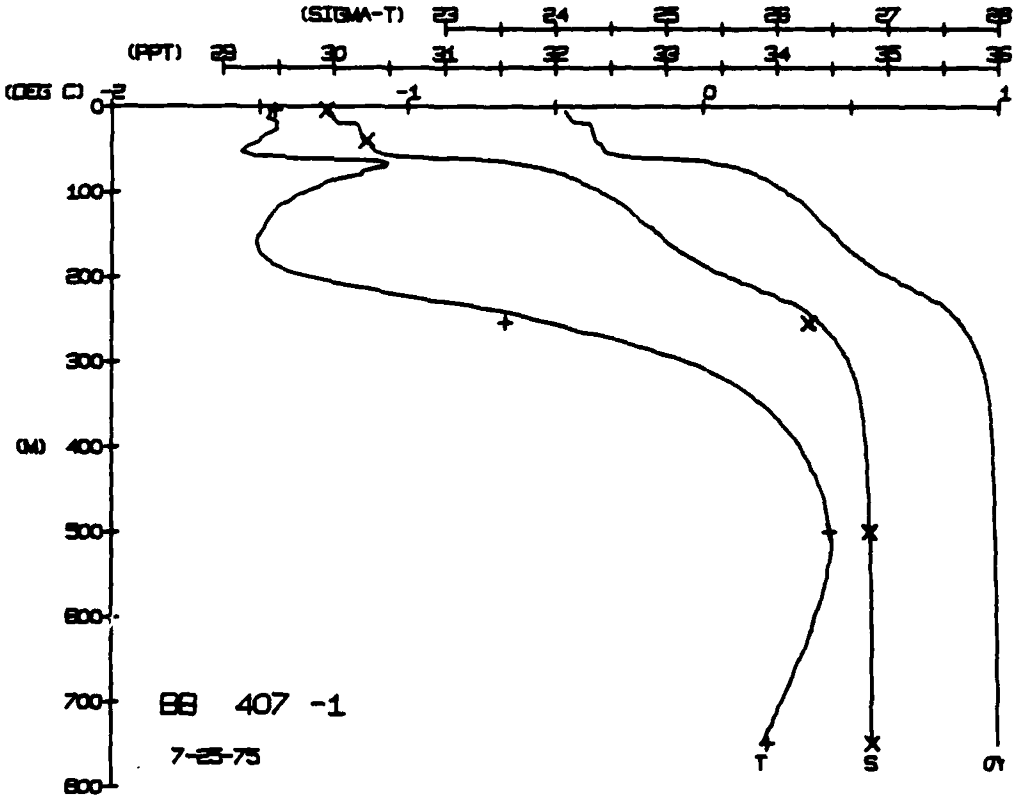

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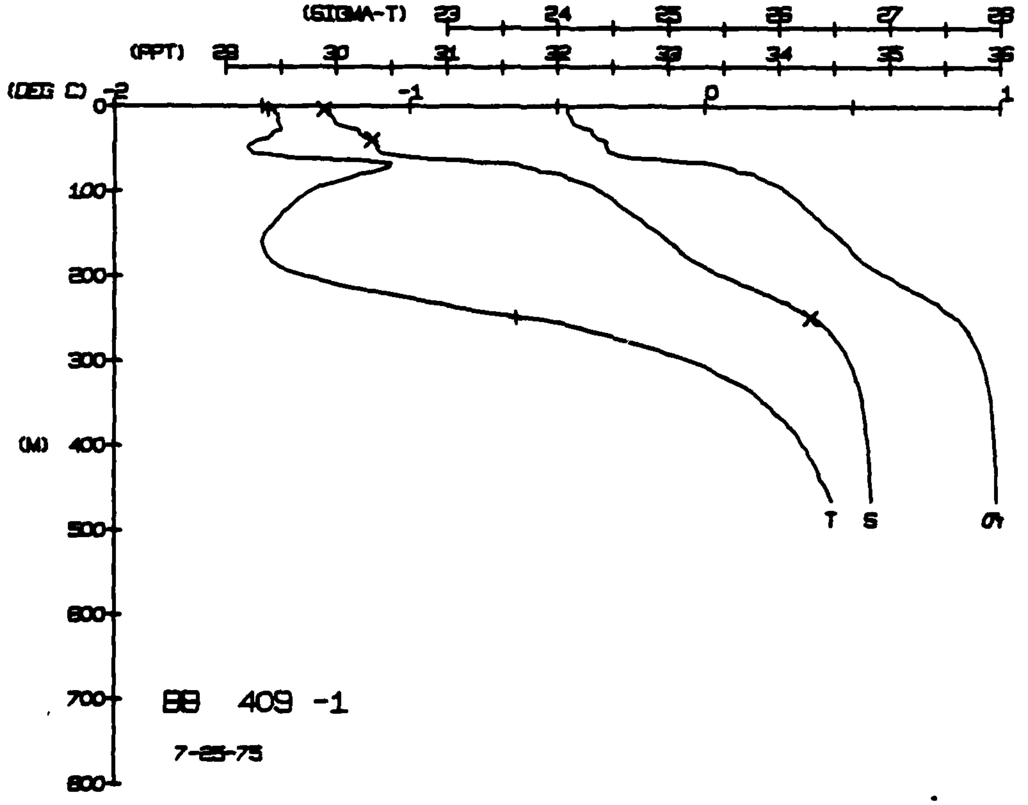
7-25-75



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7-25-75

BIG BEAR STATION 411(1) CTD 26/JUL/1975 440 GMT CODE = 2
LAT = 75.6662N LNG = 145.4747W LTER = 2, LGER = 3,
AIR TEMP = -1.2 BARUM = 1017.1 WIND = 35.5 SPEED = 40.3

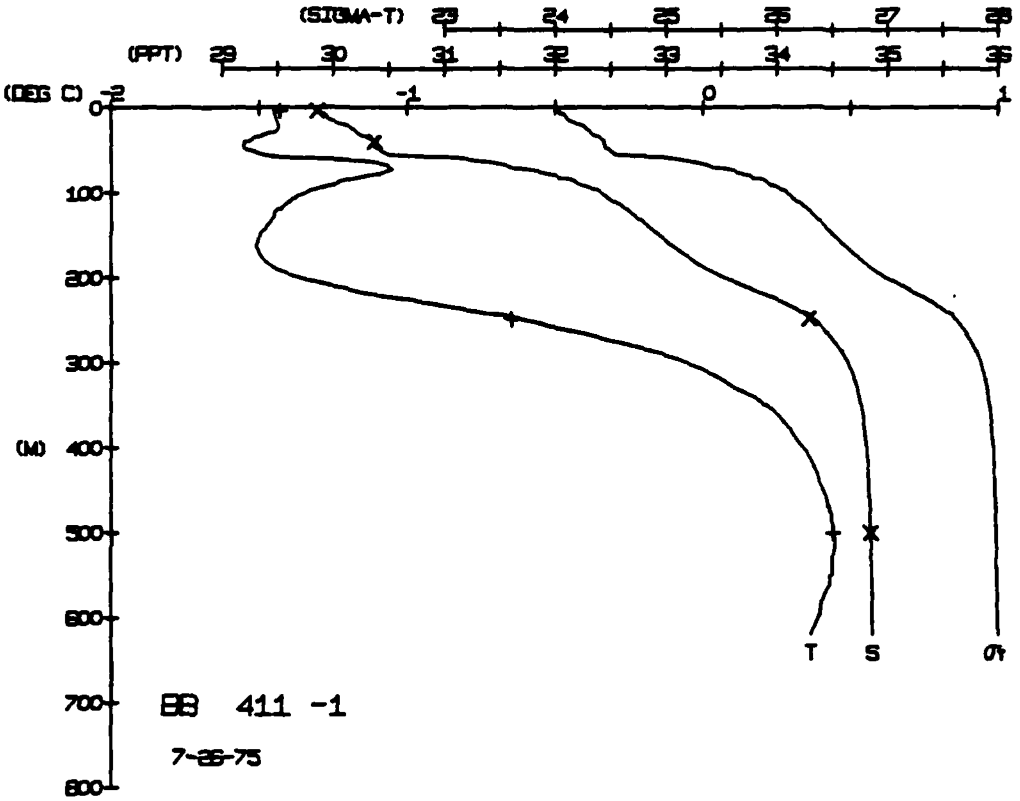
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	-1.44	-1.44	29.86	24.03	388.7	0.000	1435.3
4.5	-1.44	-1.44	29.86	24.03	388.6	0.018	1435.4
5.0	-1.44	-1.44	29.86	24.03	388.7	0.020	1435.4
10.0	-1.44	-1.45	29.95	24.10	382.3	0.039	1435.6
15.0	-1.44	-1.44	29.98	24.13	379.7	0.058	1435.7
20.0	-1.44	-1.44	30.06	24.19	373.6	0.077	1435.9
25.0	-1.44	-1.44	30.17	24.28	364.7	0.096	1436.2
30.0	-1.47	-1.47	30.22	24.32	361.1	0.114	1436.2
35.0	-1.51	-1.52	30.30	24.39	354.3	0.132	1436.1
40.0	-1.55	-1.55	30.36	24.43	350.2	0.150	1436.2
45.0	-1.56	-1.56	30.36	24.44	349.5	0.167	1436.2
50.0	-1.54	-1.54	30.41	24.48	345.6	0.185	1436.4
55.0	-1.49	-1.50	30.48	24.54	340.3	0.202	1436.8
60.0	-1.29	-1.29	31.14	25.07	289.9	0.218	1438.8
65.0	-1.10	-1.10	31.42	25.28	269.4	0.232	1440.2
70.0	-1.06	-1.06	31.59	25.42	256.1	0.245	1440.7
80.0	-1.13	-1.13	32.00	25.75	224.6	0.270	1441.1
90.0	-1.25	-1.25	32.21	25.92	208.2	0.291	1441.0
100.0	-1.34	-1.34	32.40	26.08	193.1	0.312	1441.0
110.0	-1.40	-1.40	32.51	26.17	184.8	0.331	1441.0
120.0	-1.44	-1.44	32.64	26.28	174.4	0.349	1441.2
130.0	-1.46	-1.46	32.73	26.35	167.2	0.366	1441.4
140.0	-1.48	-1.48	32.83	26.44	159.1	0.382	1441.6
150.0	-1.50	-1.50	32.93	26.51	151.6	0.398	1441.8
160.0	-1.51	-1.51	33.03	26.59	144.1	0.413	1442.1
170.0	-1.50	-1.51	33.13	26.68	135.9	0.427	1442.4
180.0	-1.48	-1.49	33.24	26.77	127.4	0.441	1442.8
190.0	-1.44	-1.45	33.37	26.86	118.3	0.453	1443.3
200.0	-1.37	-1.37	33.51	26.98	107.2	0.464	1444.1
210.0	-1.25	-1.26	33.70	27.13	93.2	0.474	1445.1
220.0	-1.12	-1.13	33.88	27.27	79.7	0.483	1446.1
230.0	-0.95	-0.96	34.06	27.41	67.1	0.491	1447.3
240.0	-0.78	-0.79	34.20	27.52	56.5	0.497	1448.4
250.0	-0.60	-0.61	34.33	27.62	47.5	0.502	1449.6
260.0	-0.49	-0.50	34.42	27.68	41.7	0.507	1450.4
270.0	-0.36	-0.37	34.49	27.73	36.9	0.511	1451.3
280.0	-0.25	-0.26	34.55	27.77	33.0	0.514	1452.1
290.0	-0.14	-0.15	34.60	27.81	29.6	0.517	1452.8
300.0	-0.06	-0.07	34.64	27.84	27.2	0.520	1453.4
310.0	0.01	-0.01	34.67	27.86	25.0	0.523	1453.9
320.0	0.06	0.05	34.70	27.88	23.0	0.525	1454.3
330.0	0.11	0.09	34.72	27.90	21.5	0.527	1454.8
340.0	0.17	0.16	34.75	27.91	20.3	0.530	1455.2
350.0	0.21	0.19	34.76	27.92	19.3	0.532	1455.6
370.0	0.27	0.26	34.78	27.94	18.0	0.535	1456.3
390.0	0.32	0.30	34.80	27.95	16.9	0.539	1456.8
410.0	0.36	0.34	34.82	27.96	16.0	0.542	1457.4
430.0	0.39	0.37	34.82	27.96	15.8	0.545	1457.8
450.0	0.41	0.39	34.83	27.97	15.3	0.548	1458.3
470.0	0.43	0.40	34.84	27.97	14.9	0.552	1458.7
490.0	0.44	0.42	34.85	27.98	14.6	0.555	1459.1
510.0	0.45	0.42	34.85	27.98	14.3	0.557	1459.5
530.0	0.44	0.42	34.85	27.98	13.9	0.560	1459.8
550.0	0.43	0.41	34.86	27.99	13.7	0.563	1460.1
570.0	0.41	0.39	34.86	27.99	13.3	0.566	1460.3
590.0	0.40	0.37	34.86	27.99	13.1	0.568	1460.6
610.0	0.38	0.35	34.86	28.00	12.8	0.571	1460.8
618.0	0.37	0.34	34.86	28.00	12.7	0.572	1460.9

	DEPTH	TEMP.	SALIN
BUT NUM = 1	3.8	-1.43	29.86
BUT NUM = 2	40.4		30.37
BUT NUM = 3	248.5	-0.65	34.29
BUT NUM = 4	499.7	0.44	34.85
BUT NUM = 5	749.7	0.20	34.87

BIG BEAR STATION 413(1) CTD 26/JUL/1975 1708 GMT CODE = 2
LAT = 75.6293N LNG = 145.4730W LTER = 2, LGER = 3,
AIR TEMP = -1.0 BARUM = 1013.0 WIND = 304.8 SPEED = 42.8

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.46	-1.46	29.83	24.01	391.3	0.000	1435.2
4.6	-1.46	-1.46	29.83	24.01	391.2	0.018	1435.2
5.0	-1.46	-1.46	29.83	24.01	391.1	0.020	1435.3
10.0	-1.45	-1.45	29.84	24.02	390.3	0.039	1435.4
15.0	-1.42	-1.42	29.90	24.06	385.8	0.059	1435.7
20.0	-1.42	-1.42	30.14	24.26	367.3	0.078	1436.1
25.0	-1.46	-1.46	30.22	24.32	360.8	0.096	1436.1
30.0	-1.48	-1.48	30.25	24.34	358.9	0.114	1436.1
35.0	-1.50	-1.50	30.27	24.36	357.1	0.132	1436.2
40.0	-1.52	-1.52	30.34	24.42	351.7	0.150	1436.2
45.0	-1.54	-1.54	30.36	24.43	350.2	0.168	1436.3
50.0	-1.53	-1.54	30.40	24.47	346.8	0.185	1436.4
55.0	-1.42	-1.43	30.57	24.61	333.5	0.203	1437.3
60.0	-1.21	-1.21	30.99	24.94	302.0	0.219	1439.0
65.0	-1.09	-1.09	31.28	25.17	279.8	0.233	1440.0
70.0	-1.08	-1.08	31.61	25.44	254.5	0.247	1440.6
80.0	-1.15	-1.15	32.04	25.78	221.7	0.271	1441.0
90.0	-1.27	-1.27	32.21	25.93	207.6	0.292	1440.9
100.0	-1.35	-1.35	32.37	26.05	195.6	0.313	1440.9
110.0	-1.40	-1.40	32.50	26.16	185.3	0.332	1441.0
120.0	-1.44	-1.45	32.62	26.26	175.8	0.350	1441.1
130.0	-1.46	-1.47	32.72	26.34	168.2	0.367	1441.3
140.0	-1.48	-1.48	32.80	26.41	161.9	0.384	1441.5
150.0	-1.49	-1.49	32.88	26.47	155.6	0.400	1441.8
160.0	-1.50	-1.50	32.98	26.56	147.6	0.415	1442.0
170.0	-1.50	-1.50	33.07	26.63	140.7	0.430	1442.3
180.0	-1.48	-1.48	33.20	26.73	130.9	0.444	1442.8
190.0	-1.44	-1.44	33.32	26.83	121.4	0.456	1443.3
200.0	-1.38	-1.38	33.47	26.95	110.2	0.468	1444.0
210.0	-1.28	-1.29	33.63	27.07	98.6	0.479	1444.8
220.0	-1.15	-1.16	33.83	27.23	83.8	0.488	1445.9
230.0	-0.96	-0.96	34.02	27.38	70.4	0.496	1447.2
240.0	-0.79	-0.80	34.17	27.50	58.8	0.502	1448.4
250.0	-0.64	-0.65	34.30	27.60	49.5	0.508	1449.4
260.0	-0.49	-0.50	34.40	27.67	42.6	0.512	1450.4
270.0	-0.37	-0.38	34.48	27.73	37.3	0.516	1451.3
280.0	-0.24	-0.25	34.54	27.77	33.3	0.520	1452.1
290.0	-0.13	-0.14	34.60	27.81	29.5	0.523	1452.8
300.0	-0.05	-0.06	34.64	27.84	27.1	0.526	1453.4
310.0	0.01	0.00	34.67	27.86	25.0	0.528	1453.9
320.0	0.08	0.06	34.70	27.88	23.2	0.531	1454.4
330.0	0.12	0.11	34.73	27.90	21.4	0.533	1454.8
340.0	0.17	0.15	34.74	27.91	20.4	0.535	1455.2
350.0	0.20	0.19	34.76	27.92	19.5	0.537	1455.6
370.0	0.28	0.26	34.79	27.94	18.0	0.541	1456.3
390.0	0.33	0.31	34.80	27.95	16.9	0.545	1456.9
410.0	0.36	0.34	34.82	27.96	16.0	0.548	1457.4
430.0	0.39	0.37	34.83	27.97	15.6	0.551	1457.8
450.0	0.41	0.39	34.83	27.97	15.2	0.554	1458.3
470.0	0.43	0.41	34.84	27.98	14.7	0.557	1458.7
490.0	0.45	0.43	34.85	27.98	14.5	0.560	1459.2
510.0	0.46	0.43	34.85	27.98	14.2	0.563	1459.5
530.0	0.45	0.43	34.86	27.99	13.8	0.566	1459.8
550.0	0.44	0.41	34.86	27.99	13.5	0.569	1460.1
570.0	0.42	0.40	34.86	27.99	13.2	0.571	1460.4
590.0	0.41	0.38	34.87	28.00	12.9	0.574	1460.6
610.0	0.39	0.36	34.87	28.00	12.7	0.577	1460.9
630.0	0.36	0.34	34.87	28.00	12.4	0.579	1461.1
650.0	0.34	0.31	34.87	28.00	12.2	0.582	1461.3
670.0	0.31	0.28	34.87	28.00	11.9	0.584	1461.5
690.0	0.28	0.25	34.87	28.01	11.8	0.587	1461.8

	DEPTH	TEMP.	SALIN
BUT NUM = 1	3.8	-1.45	29.84
BUT NUM = 2	40.4		30.33
BUT NUM = 3	249.4	-0.65	34.27
BUT NUM = 4	499.0	0.45	34.85
BUT NUM = 5	748.4	0.21	34.87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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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200
300
(M) 400
500
600
700
800
T
S
σt
BB 411 -1
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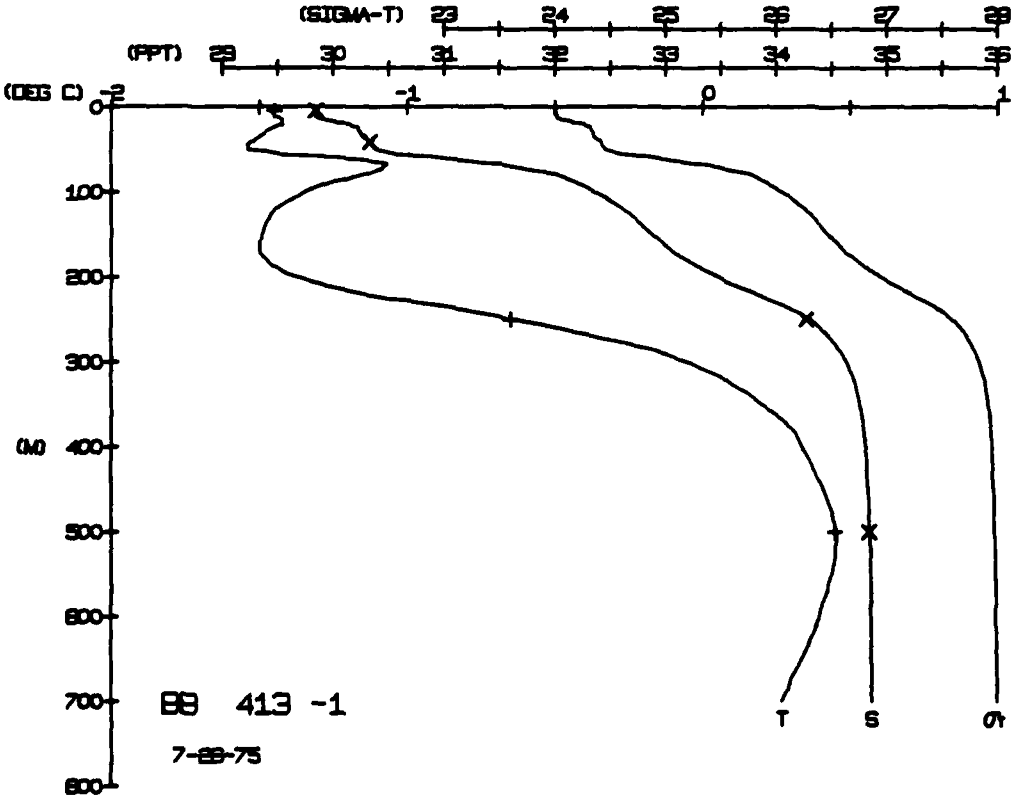
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
T
S
σt
BB 413 -1
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```
BIG BEAR STATION 415(1) CTD  27/JUL/1975  417 GMT  CODE = 2
LAT = 75.5947N LNG = 145.4042W LTER =       1. LGER =      1.
AIR TEMP =   -1.0 BAROM = 1006.9 WIND = 304.8 SPEED =  42.8

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

    0.0   -1.48   -1.48   29.83   24.00   391.5   0.000   1435.1
    4.6   -1.48   -1.48   29.83   24.00   391.5   0.018   1435.1
    5.0   -1.48   -1.48   29.83   24.00   391.5   0.020   1435.1
   10.0   -1.48   -1.48   29.84   24.02   390.3   0.039   1435.3
   15.0   -1.46   -1.46   29.90   24.06   385.6   0.059   1435.5
   20.0   -1.44   -1.45   30.13   24.25   368.2   0.078   1436.0
   25.0   -1.45   -1.45   30.22   24.32   360.8   0.096   1436.2
   30.0   -1.47   -1.47   30.23   24.33   360.4   0.114   1436.2
   35.0   -1.49   -1.49   30.23   24.33   360.1   0.133   1436.2
   40.0   -1.52   -1.52   30.29   24.38   355.7   0.151   1436.2
   45.0   -1.55   -1.56   30.35   24.42   350.9   0.168   1436.2
   50.0   -1.55   -1.56   30.37   24.45   348.9   0.186   1436.3
   55.0   -1.44   -1.44   30.58   24.61   333.3   0.203   1437.2
   60.0   -1.25   -1.25   31.02   24.96   299.4   0.219   1438.8
   65.0   -1.09   -1.09   31.39   25.26   271.3   0.234   1440.2
   70.0   -1.08   -1.08   31.71   25.51   247.3   0.247   1440.6
   80.0   -1.19   -1.19   31.96   25.72   227.2   0.270   1440.7
   90.0   -1.26   -1.27   32.21   25.93   207.9   0.292   1440.9
  100.0   -1.34   -1.35   32.36   26.05   195.9   0.313   1440.9
  110.0   -1.40   -1.40   32.48   26.14   187.0   0.332   1441.0
  120.0   -1.43   -1.43   32.58   26.23   179.1   0.351   1441.1
  130.0   -1.46   -1.46   32.68   26.31   170.7   0.368   1441.3
  140.0   -1.48   -1.49   32.78   26.39   163.4   0.385   1441.5
  150.0   -1.50   -1.51   32.86   26.46   157.1   0.401   1441.7
  160.0   -1.52   -1.52   32.95   26.53   150.4   0.417   1441.9
  170.0   -1.51   -1.51   33.05   26.61   142.6   0.432   1442.3
  180.0   -1.50   -1.50   33.15   26.69   134.4   0.446   1442.6
  190.0   -1.48   -1.48   33.27   26.79   125.4   0.459   1443.1
  200.0   -1.43   -1.43   33.40   26.89   115.7   0.471   1443.6
  210.0   -1.33   -1.34   33.56   27.02   103.4   0.482   1444.5
  220.0   -1.20   -1.21   33.75   27.17    89.2   0.492   1445.5
  230.0   -1.03   -1.03   33.96   27.34    73.8   0.500   1446.8
  240.0   -0.86   -0.87   34.14   27.47    61.4   0.507   1448.0
  250.0   -0.69   -0.69   34.27   27.57    52.0   0.512   1449.2
  260.0   -0.54   -0.55   34.38   27.65    44.4   0.517   1450.1
  270.0   -0.43   -0.44   34.45   27.70    39.5   0.521   1450.9
  280.0   -0.30   -0.31   34.52   27.76    34.7   0.525   1451.8
  290.0   -0.18   -0.19   34.58   27.79    31.0   0.529   1452.6
  300.0   -0.10   -0.11   34.62   27.83    28.3   0.531   1453.2
  310.0   -0.01   -0.02   34.66   27.85    25.9   0.534   1453.8
  320.0    0.05    0.04   34.68   27.87    24.3   0.537   1454.3
  330.0    0.10    0.08   34.72   27.90    21.5   0.539   1454.7
  340.0    0.17    0.15   34.75   27.91    20.1   0.541   1455.2
  350.0    0.21    0.20   34.76   27.92    19.4   0.543   1455.6
  370.0    0.27    0.25   34.78   27.94    18.2   0.547   1456.2
  390.0    0.32    0.30   34.80   27.95    17.1   0.551   1456.8
  410.0    0.36    0.34   34.82   27.96    16.2   0.554   1457.3
  430.0    0.39    0.37   34.82   27.96    15.9   0.557   1457.8
  450.0    0.41    0.39   34.83   27.97    15.4   0.560   1458.3
  470.0    0.43    0.41   34.84   27.97    14.9   0.563   1458.7
  490.0    0.44    0.42   34.84   27.98    14.7   0.566   1459.1
  510.0    0.45    0.42   34.85   27.98    14.5   0.569   1459.5
  530.0    0.45    0.42   34.85   27.98    14.2   0.572   1459.8
  550.0    0.44    0.41   34.85   27.98    13.9   0.575   1460.1
  570.0    0.42    0.39   34.86   27.99    13.6   0.578   1460.4
  590.0    0.40    0.38   34.86   27.99    13.4   0.581   1460.6
  610.0    0.38    0.35   34.86   27.99    13.0   0.583   1460.8
  630.0    0.36    0.33   34.86   28.00    12.7   0.586   1461.1
  650.0    0.33    0.30   34.87   28.00    12.3   0.588   1461.3
  670.0    0.31    0.28   34.86   28.00    12.3   0.591   1461.5
  690.0    0.28    0.25   34.87   28.00    12.0   0.593   1461.7
  710.0    0.25    0.22   34.87   28.01    11.8   0.596   1461.9
  730.0    0.22    0.19   34.87   28.01    11.6   0.598   1462.1
  749.9    0.20    0.17   34.87   28.01    11.5   0.600   1462.4

                          DEPTH        TEMP.        SALIN

          BOT NUM = 1       3.8                     29.84
          BOT NUM = 2      40.4                     30.32
          BOT NUM = 3     240.0       -0.71         34.26
          BOT NUM = 4     496.3        0.45         34.84
          BOT NUM = 5     749.7        0.20         34.87
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BIG BEAR STATION 421(1) CTD  30/JUL/1975  430 GMT  CODE = 2
LAT = 75.3752N LNG = 144.6959W LTER =       1. LGER =      2.
AIR TEMP =    0.4 BAROM =  997.5 WIND = 290.4 SPEED =  84.0

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

    0.0   -1.42   -1.42   29.92   24.08   384.5   0.000   1435.5
    5.0   -1.42   -1.42   29.92   24.08   384.4   0.019   1435.6
   10.0   -1.42   -1.42   29.92   24.08   384.4   0.039   1435.7
   15.0   -1.42   -1.42   29.92   24.08   384.3   0.058   1435.7
   20.0   -1.42   -1.42   29.92   24.08   384.2   0.077   1435.8
   25.0   -1.42   -1.42   29.92   24.08   384.2   0.097   1435.9
   29.6   -1.42   -1.42   29.92   24.08   384.1   0.115   1436.0
   30.0   -1.42   -1.42   29.95   24.10   382.0   0.116   1436.0
   35.0   -1.43   -1.43   30.14   24.26   366.8   0.135   1436.3
   40.0   -1.48   -1.48   30.21   24.31   361.5   0.153   1436.3
   45.0   -1.49   -1.49   30.26   24.35   357.8   0.171   1436.4
   50.0   -1.54   -1.54   30.32   24.41   352.7   0.189   1436.3
   55.0   -1.54   -1.54   30.35   24.43   350.2   0.207   1436.4
   60.0   -1.50   -1.50   30.45   24.51   342.6   0.224   1436.8
   65.0   -1.37   -1.37   30.78   24.78   317.3   0.241   1438.0
   70.0   -1.20   -1.20   31.07   25.01   295.5   0.257   1439.3
   80.0   -1.11   -1.11   31.69   25.50   248.6   0.284   1440.7
   90.0   -1.25   -1.25   32.05   25.80   220.0   0.308   1440.8
  100.0   -1.32   -1.33   32.26   25.97   203.5   0.329   1440.9
  110.0   -1.38   -1.38   32.38   26.07   194.2   0.349   1441.0
  120.0   -1.42   -1.43   32.50   26.17   184.7   0.368   1441.1
  130.0   -1.46   -1.46   32.62   26.27   175.3   0.386   1441.2
  140.0   -1.48   -1.48   32.73   26.35   167.0   0.404   1441.5
  150.0   -1.50   -1.50   32.84   26.44   158.8   0.420   1441.7
  160.0   -1.51   -1.51   32.93   26.51   151.9   0.436   1441.9
  170.0   -1.51   -1.51   33.04   26.61   142.9   0.451   1442.2
  180.0   -1.50   -1.50   33.15   26.69   134.9   0.465   1442.6
  190.0   -1.46   -1.47   33.34   26.84   120.5   0.477   1443.2
  200.0   -1.41   -1.41   33.47   26.95   110.0   0.489   1443.8
  210.0   -1.29   -1.29   33.64   27.08    98.0   0.500   1444.8
  220.0   -1.12   -1.13   33.85   27.25    82.0   0.509   1446.0
  230.0   -0.93   -0.93   34.08   27.42    65.5   0.516   1447.4
  240.0   -0.76   -0.76   34.21   27.53    55.9   0.522   1448.6
  250.0   -0.61   -0.61   34.33   27.61    48.0   0.527   1449.6
  260.0   -0.47   -0.48   34.42   27.68    41.8   0.532   1450.5
  270.0   -0.29   -0.30   34.52   27.75    35.2   0.536   1451.6
  280.0   -0.18   -0.19   34.58   27.80    30.6   0.539   1452.4
  290.0   -0.08   -0.09   34.63   27.83    27.7   0.542   1453.1
  300.0   -0.01   -0.03   34.66   27.86    25.4   0.545   1453.6
  310.0    0.04    0.03   34.69   27.88    23.6   0.547   1454.1
  320.0    0.09    0.08   34.72   27.90    21.5   0.550   1454.5
  330.0    0.14    0.12   34.74   27.91    20.3   0.552   1454.9
  340.0    0.18    0.17   34.76   27.92    19.2   0.554   1455.3
  350.0    0.22    0.20   34.77   27.93    18.4   0.556   1455.7
  370.0    0.27    0.26   34.80   27.95    17.1   0.559   1456.3
  390.0    0.32    0.31   34.81   27.96    16.3   0.563   1456.9
  410.0    0.36    0.34   34.82   27.96    15.7   0.566   1457.4
  430.0    0.39    0.37   34.83   27.97    15.3   0.569   1457.8
  450.0    0.41    0.39   34.84   27.97    14.8   0.572   1458.3
  470.0    0.43    0.41   34.85   27.98    14.4   0.575   1458.7
  490.0    0.44    0.42   34.85   27.98    14.0   0.578   1459.1
  510.0    0.44    0.42   34.86   27.99    13.7   0.581   1459.5
  530.0    0.44    0.41   34.86   27.99    13.4   0.583   1459.8
  550.0    0.41    0.39   34.86   27.99    13.0   0.586   1460.0
  570.0    0.39    0.37   34.87   28.00    12.8   0.589   1460.2
  590.0    0.37    0.35   34.87   28.00    12.5   0.591   1460.5
  610.0    0.35    0.32   34.87   28.00    12.2   0.594   1460.7
  630.0    0.32    0.29   34.87   28.00    11.9   0.596   1460.9
  650.0    0.29    0.26   34.87   28.01    11.7   0.598   1461.1
  670.0    0.27    0.24   34.87   28.01    11.4   0.601   1461.3
  690.0    0.24    0.21   34.87   28.01    11.2   0.603   1461.6
  710.0    0.23    0.19   34.87   28.01    11.1   0.605   1461.8
  730.0    0.21    0.18   34.87   28.01    11.0   0.608   1462.1

                          DEPTH        TEMP.        SALIN

          BOT NUM = 1       3.8       -1.48         29.67
          BOT NUM = 2      39.0                     30.32
          BOT NUM = 3     248.0       -0.66         34.28
          BOT NUM = 4     497.5        0.46         34.85
          BOT NUM = 5     747.3        0.20         34.85
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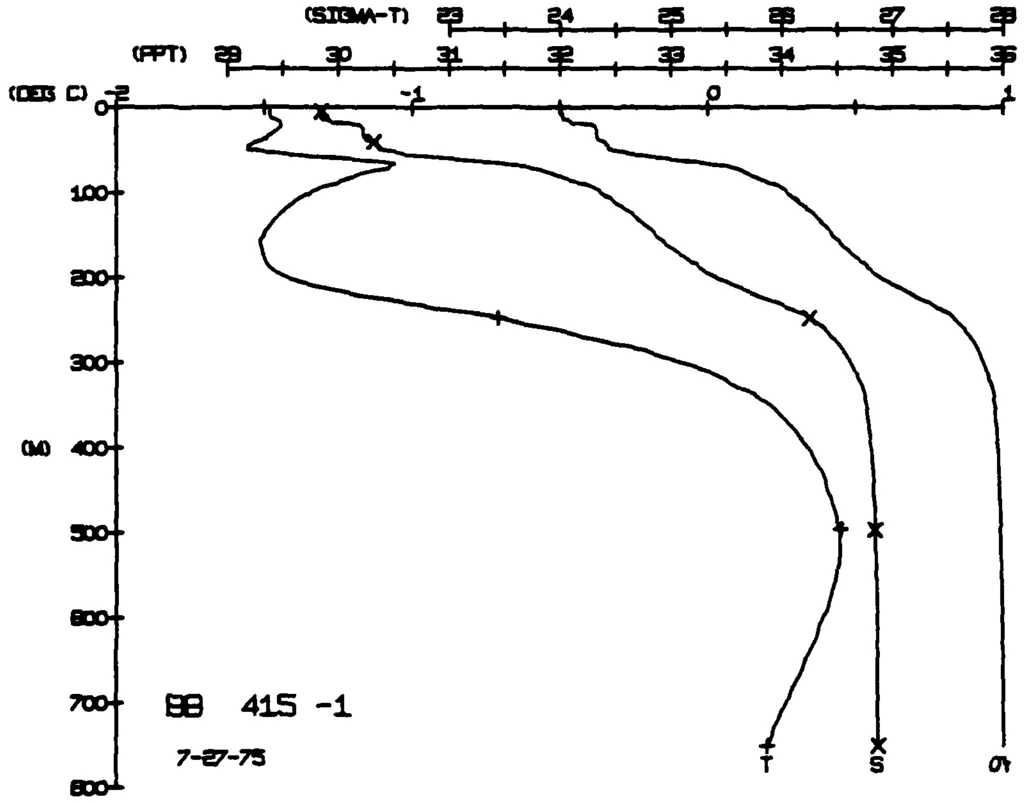
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(PPT) 29 30 31 32 33 34 35 36
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(M) 0 100 200 300 400 500 600 700 800
BB 415 -1
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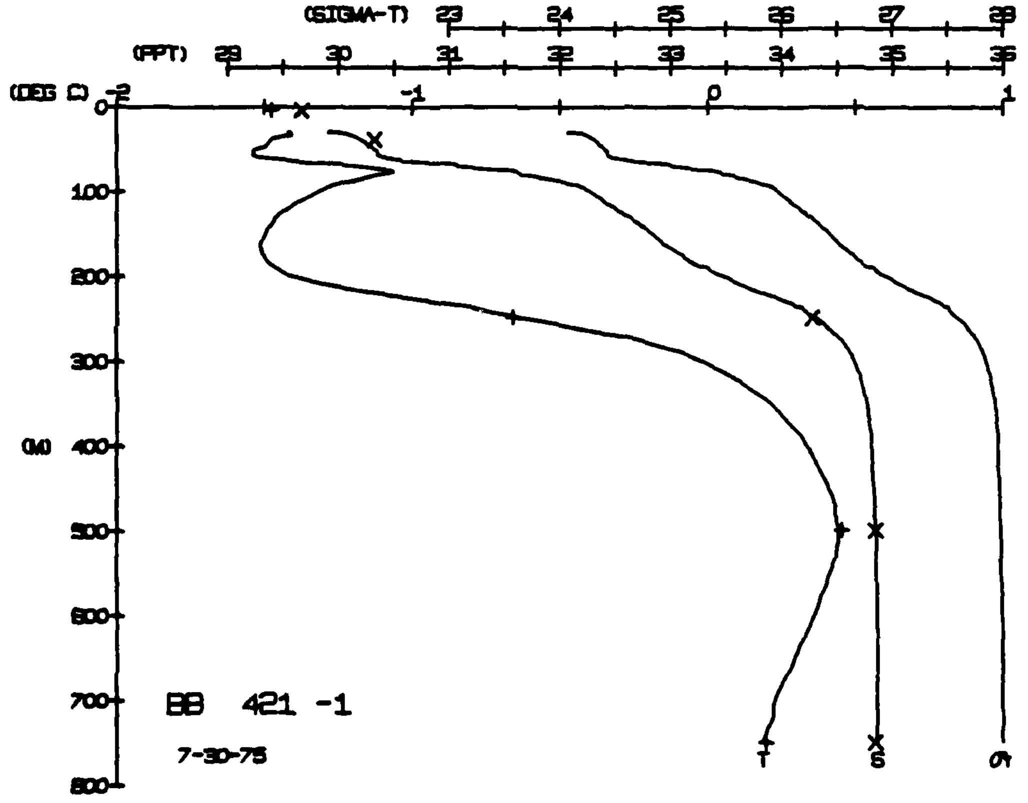
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
BB 421 -1
7-30-75
T
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BIG BEAR STATION 423(1) CTD  30/JUL/1975 1846 GMT  CODE = 2
LAT = 75.3038N LNG = 144.5064W LTER =      1. LGER =      1.
AIR TEMP =   0.4 BAROM = 1002.4 WIND = 290.4 SPEED =  84.0

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0  -1.44  -1.44  29.87  24.04  388.3  0.000  1435.3
  5.0  -1.44  -1.44  29.87  24.04  388.2  0.020  1435.4
 10.0  -1.44  -1.44  29.87  24.04  388.2  0.039  1435.5
 15.0  -1.44  -1.44  29.87  24.04  388.1  0.059  1435.6
 20.0  -1.44  -1.44  29.87  24.04  388.0  0.078  1435.7
 25.0  -1.44  -1.44  29.87  24.04  388.0  0.098  1435.8
 26.7  -1.44  -1.44  29.87  24.04  387.9  0.104  1435.9
 30.0  -1.42  -1.42  30.12  24.24  368.6  0.117  1436.3
 35.0  -1.44  -1.44  30.17  24.28  365.0  0.135  1436.3
 40.0  -1.47  -1.47  30.25  24.35  358.5  0.154  1436.4
 45.0  -1.50  -1.50  30.34  24.42  351.2  0.171  1436.4
 50.0  -1.53  -1.53  30.37  24.44  349.4  0.189  1436.4
 55.0  -1.52  -1.52  30.40  24.47  346.9  0.207  1436.6
 60.0  -1.49  -1.49  30.45  24.51  342.9  0.224  1436.9
 65.0  -1.31  -1.31  30.87  24.84  310.8  0.241  1438.4
 70.0  -1.06  -1.06  31.45  25.31  266.9  0.255  1440.5
 80.0  -1.09  -1.09  31.81  25.60  239.0  0.281  1441.0
 90.0  -1.22  -1.22  32.12  25.85  214.8  0.303  1441.0
100.0  -1.32  -1.32  32.34  26.03  197.7  0.324  1441.0
110.0  -1.38  -1.38  32.49  26.15  186.3  0.344  1441.1
120.0  -1.43  -1.43  32.57  26.22  179.8  0.362  1441.2
130.0  -1.46  -1.47  32.70  26.33  168.9  0.380  1441.3
140.0  -1.48  -1.48  32.80  26.41  161.6  0.396  1441.6
150.0  -1.49  -1.49  32.88  26.48  155.1  0.412  1441.8
160.0  -1.50  -1.50  32.99  26.56  147.0  0.428  1442.1
170.0  -1.50  -1.50  33.12  26.66  137.3  0.442  1442.4
180.0  -1.48  -1.49  33.22  26.75  129.0  0.455  1442.8
190.0  -1.45  -1.45  33.33  26.84  120.9  0.468  1443.3
200.0  -1.36  -1.36  33.50  26.97  107.9  0.480  1444.1
210.0  -1.23  -1.24  33.70  27.13   93.2  0.490  1445.1
220.0  -1.08  -1.09  33.90  27.29   78.6  0.498  1446.3
230.0  -0.88  -0.89  34.12  27.46   62.4  0.505  1447.7
240.0  -0.74  -0.75  34.24  27.55   53.7  0.511  1448.7
250.0  -0.56  -0.56  34.37  27.65   44.9  0.516  1449.9
260.0  -0.45  -0.46  34.44  27.70   40.2  0.521  1450.7
270.0  -0.37  -0.38  34.49  27.73   36.6  0.524  1451.3
280.0  -0.26  -0.27  34.54  27.77   33.3  0.528  1452.0
290.0  -0.15  -0.17  34.60  27.81   29.4  0.531  1452.7
300.0  -0.05  -0.06  34.65  27.85   26.1  0.534  1453.4
310.0   0.02   0.00  34.69  27.88   23.5  0.536  1454.0
320.0   0.07   0.06  34.72  27.90   21.5  0.539  1454.4
330.0   0.13   0.12  34.74  27.91   20.2  0.541  1454.9
340.0   0.18   0.17  34.76  27.93   19.1  0.543  1455.3
350.0   0.22   0.20  34.78  27.94   18.2  0.545  1455.7
370.0   0.28   0.26  34.80  27.95   16.6  0.548  1456.3
390.0   0.32   0.31  34.82  27.96   15.7  0.552  1456.9
410.0   0.36   0.34  34.83  27.97   15.2  0.555  1457.4
430.0   0.39   0.37  34.84  27.98   14.5  0.558  1457.9
450.0   0.42   0.40  34.85  27.98   14.1  0.561  1458.3
470.0   0.43   0.41  34.85  27.98   13.9  0.563  1458.7
490.0   0.44   0.42  34.86  27.99   13.6  0.566  1459.1
510.0   0.44   0.42  34.86  27.99   13.3  0.569  1459.5
530.0   0.43   0.41  34.87  28.00   12.9  0.571  1459.8
550.0   0.41   0.39  34.87  28.00   12.6  0.574  1460.0
570.0   0.39   0.37  34.87  28.00   12.3  0.577  1460.3
590.0   0.37   0.34  34.87  28.01   12.0  0.579  1460.5
610.0   0.35   0.32  34.88  28.01   11.7  0.581  1460.7
630.0   0.32   0.29  34.88  28.01   11.4  0.584  1460.9
650.0   0.29   0.26  34.88  28.01   11.1  0.586  1461.1
670.0   0.27   0.24  34.88  28.01   11.1  0.588  1461.4
690.0   0.26   0.23  34.88  28.01   11.1  0.591  1461.7
710.0   0.24   0.21  34.88  28.02   10.7  0.593  1461.9
730.0   0.21   0.18  34.88  28.02   10.7  0.595  1462.1

                    DEPTH     TEMP.     SALIN

     BOT NUM = 1      4.4     -1.50     29.66
     BOT NUM = 2     40.9               30.34
     BOT NUM = 3    248.4     -0.61     34.30
     BOT NUM = 4    498.3      0.44     34.85
     BOT NUM = 5    740.8      0.21     34.85
```

```
BIG BEAR STATION 425(1) CTD  31/JUL/1975  513 GMT  CODE = 2
LAT = 75.2559N LNG = 144.3503W LTER =     20. LGER =     40.
AIR TEMP =  -0.4 BAROM = 1004.8 WIND = 280.8 SPEED =  72.8

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0  -1.49  -1.49  29.98  24.13  379.7  0.000  1435.2
  5.0  -1.49  -1.49  29.98  24.13  379.7  0.019  1435.3
 10.0  -1.49  -1.49  29.98  24.13  379.6  0.038  1435.4
 15.0  -1.49  -1.49  29.98  24.13  379.5  0.057  1435.5
 20.0  -1.49  -1.49  29.98  24.13  379.5  0.076  1435.6
 25.0  -1.49  -1.49  29.98  24.13  379.4  0.096  1435.6
 26.6  -1.49  -1.49  29.98  24.13  379.4  0.102  1435.7
 30.0  -1.48  -1.48  30.13  24.25  367.9  0.114  1436.0
 35.0  -1.51  -1.51  30.22  24.32  361.2  0.133  1436.1
 40.0  -1.53  -1.53  30.34  24.42  351.8  0.151  1436.2
 45.0  -1.53  -1.53  30.45  24.51  342.9  0.168  1436.4
 50.0  -1.51  -1.52  30.54  24.58  335.9  0.185  1436.7
 55.0  -1.42  -1.42  30.81  24.80  315.4  0.202  1437.6
 60.0  -1.26  -1.26  31.11  25.04  292.2  0.217  1438.9
 65.0  -1.17  -1.17  31.49  25.34  263.6  0.231  1440.0
 70.0  -1.16  -1.16  31.70  25.51  247.2  0.244  1440.4
 80.0  -1.25  -1.25  32.06  25.80  219.5  0.267  1440.6
 90.0  -1.30  -1.30  32.22  25.94  206.9  0.289  1440.8
100.0  -1.36  -1.37  32.35  26.04  196.8  0.309  1440.8
110.0  -1.41  -1.41  32.45  26.13  188.7  0.329  1440.9
120.0  -1.45  -1.45  32.57  26.22  179.6  0.347  1441.0
130.0  -1.48  -1.48  32.66  26.30  172.4  0.365  1441.2
140.0  -1.50  -1.50  32.77  26.39  163.7  0.382  1441.4
150.0  -1.52  -1.52  32.86  26.46  157.1  0.398  1441.6
160.0  -1.53  -1.54  32.96  26.54  148.9  0.414  1441.9
170.0  -1.54  -1.54  33.09  26.65  139.0  0.428  1442.2
180.0  -1.52  -1.53  33.19  26.73  131.4  0.442  1442.6
190.0  -1.48  -1.49  33.31  26.82  122.3  0.455  1443.1
200.0  -1.46  -1.47  33.42  26.91  113.9  0.467  1443.5
210.0  -1.38  -1.38  33.60  27.05  100.4  0.477  1444.3
220.0  -1.21  -1.22  33.83  27.24   83.2  0.487  1445.6
230.0  -1.03  -1.04  34.01  27.37   70.4  0.494  1446.9
240.0  -0.88  -0.89  34.15  27.48   60.2  0.501  1447.9
250.0  -0.74  -0.74  34.27  27.57   51.5  0.507  1448.9
260.0  -0.57  -0.58  34.39  27.66   43.6  0.511  1450.0
270.0  -0.43  -0.44  34.46  27.71   38.7  0.516  1450.9
280.0  -0.29  -0.30  34.54  27.77   32.9  0.519  1451.9
290.0  -0.21  -0.22  34.59  27.81   30.1  0.522  1452.5
300.0  -0.11  -0.13  34.64  27.84   27.0  0.525  1453.1
310.0  -0.03  -0.05  34.68  27.87   24.3  0.528  1453.7
320.0   0.02   0.01  34.70  27.88   22.9  0.530  1454.2
330.0   0.08   0.06  34.73  27.91   20.6  0.532  1454.6
340.0   0.13   0.12  34.75  27.92   19.6  0.535  1455.1
350.0   0.17   0.15  34.77  27.93   18.6  0.536  1455.4
370.0   0.23   0.21  34.79  27.94   17.5  0.540  1456.1
390.0   0.28   0.26  34.81  27.96   16.1  0.543  1456.7
410.0   0.32   0.30  34.82  27.97   15.5  0.547  1457.2
430.0   0.36   0.34  34.83  27.97   14.9  0.550  1457.7
450.0   0.38   0.36  34.84  27.98   14.2  0.553  1458.2
470.0   0.41   0.39  34.85  27.98   14.0  0.556  1458.6
490.0   0.42   0.40  34.86  27.99   13.6  0.558  1459.0
510.0   0.43   0.40  34.86  27.99   13.2  0.561  1459.4
530.0   0.42   0.40  34.87  27.99   13.0  0.564  1459.7
550.0   0.41   0.39  34.87  28.00   12.6  0.566  1460.0
570.0   0.39   0.36  34.87  28.00   12.2  0.569  1460.2
590.0   0.37   0.34  34.87  28.00   12.1  0.571  1460.5
610.0   0.35   0.32  34.88  28.01   11.7  0.574  1460.7
630.0   0.33   0.30  34.88  28.01   11.4  0.576  1461.0
650.0   0.31   0.28  34.88  28.01   11.3  0.578  1461.2
670.0   0.28   0.25  34.88  28.01   11.1  0.581  1461.4
690.0   0.26   0.23  34.88  28.02   10.9  0.583  1461.7
710.0   0.24   0.21  34.88  28.02   10.8  0.585  1461.9
711.8   0.23   0.20  34.88  28.02   10.8  0.585  1461.9

                    DEPTH     TEMP.     SALIN

     BOT NUM = 1      3.8     -1.50     29.70
     BOT NUM = 2     38.3               30.38
     BOT NUM = 3    253.4     -0.78     34.21
     BOT NUM = 4    499.0      0.44     34.85
     BOT NUM = 5    747.2      0.21     34.85
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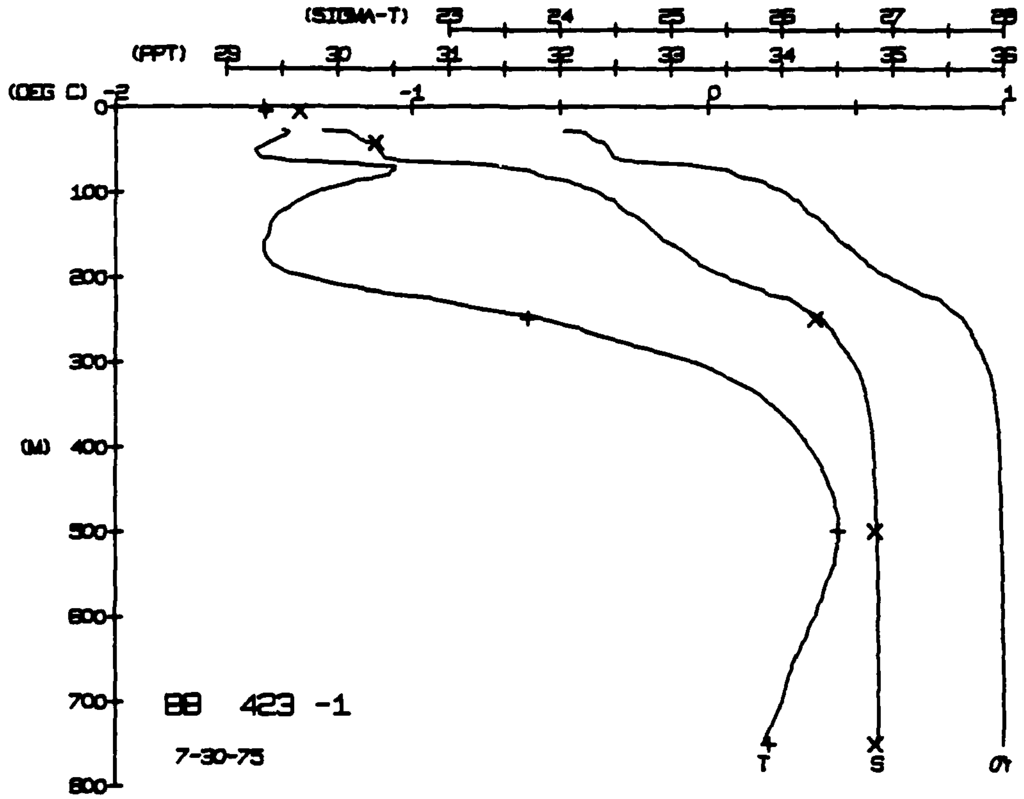
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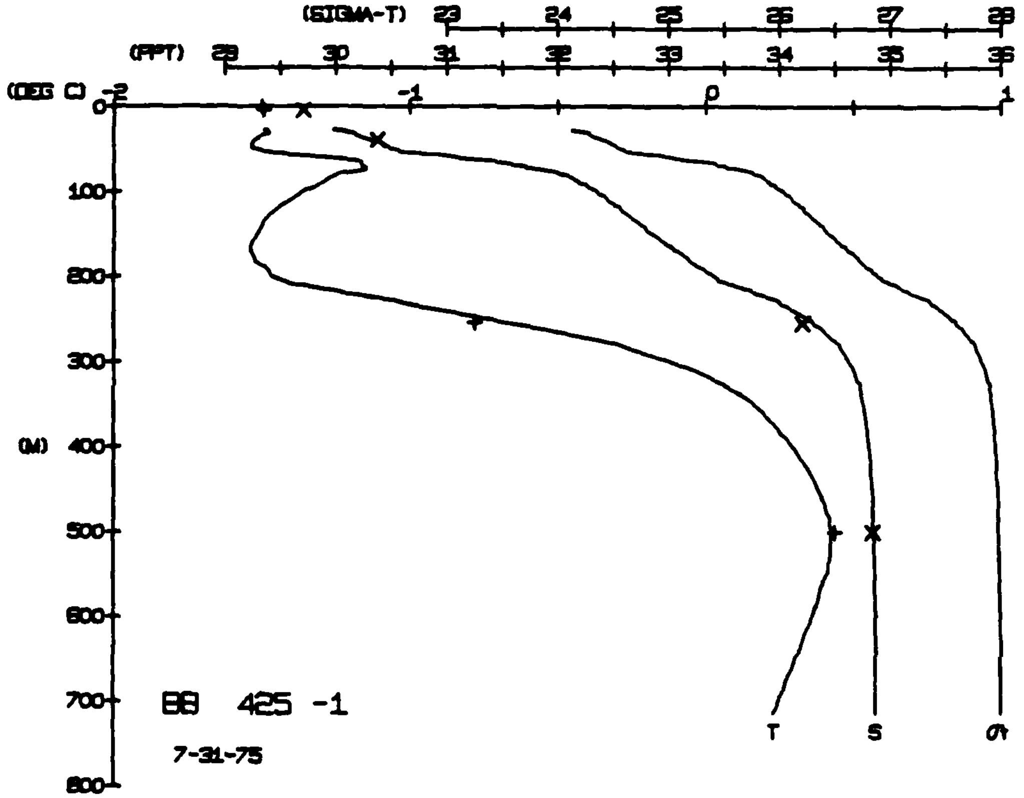
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(M) 0 100 200 300 400 500 600 700 800
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T
S
σt

```
BIG BEAR STATION 427(1) CTD   1/AUG/1975  400 GMT  CODE = 2
LAT = 75.1782N LNG = 143.9950W LTER =      0, LGER =     0,
AIR TEMP =  -0.4 BARUM = 1010.3 WIND = 280.0 SPEED =  72.8

 DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0
   5.0
  10.0
  15.0
  20.0
  25.0
  30.0
  30.4  -1.50  -1.50  29.94  24.09  382.8  0.000  1435.6
  35.0  -1.47  -1.47  30.27  24.36  357.0  0.017  1436.3
  40.0  -1.50  -1.50  30.37  24.44  349.1  0.035  1436.4
  45.0  -1.51  -1.51  30.47  24.52  341.6  0.052  1436.6
  50.0  -1.46  -1.46  30.58  24.61  333.1  0.069  1437.1
  55.0  -1.33  -1.33  30.94  24.90  305.4  0.085  1438.2
  60.0  -1.15  -1.15  31.57  25.41  257.2  0.100  1440.1
  65.0  -1.16  -1.16  31.85  25.64  235.6  0.112  1440.5
  70.0  -1.16  -1.16  31.99  25.75  225.1  0.124  1440.8
  80.0  -1.24  -1.24  32.19  25.91  209.9  0.146  1440.8
  90.0  -1.32  -1.32  32.30  26.00  200.6  0.166  1440.8
 100.0  -1.35  -1.35  32.39  26.07  194.0  0.186  1440.9
 110.0  -1.39  -1.39  32.47  26.14  187.2  0.205  1441.0
 120.0  -1.43  -1.43  32.52  26.18  183.3  0.224  1441.1
 130.0  -1.43  -1.44  32.56  26.21  180.3  0.242  1441.3
 140.0  -1.45  -1.46  32.61  26.25  176.6  0.260  1441.4
 150.0  -1.48  -1.48  32.65  26.29  173.1  0.278  1441.5
 160.0  -1.50  -1.50  32.70  26.33  169.2  0.295  1441.7
 170.0  -1.51  -1.51  32.74  26.36  165.9  0.312  1441.8
 180.0  -1.51  -1.51  32.85  26.45  157.5  0.329  1442.1
 190.0  -1.52  -1.52  32.96  26.54  149.3  0.344  1442.4
 200.0  -1.52  -1.52  33.17  26.71  133.0  0.358  1442.9
 210.0  -1.49  -1.50  33.30  26.81  123.3  0.371  1443.3
 220.0  -1.38  -1.38  33.52  26.99  106.3  0.383  1444.4
 230.0  -1.23  -1.24  33.70  27.13   92.8  0.393  1445.5
 240.0  -1.06  -1.07  33.92  27.30   76.7  0.401  1446.7
 250.0  -0.90  -0.91  34.12  27.46   62.5  0.408  1447.9
 260.0  -0.79  -0.79  34.21  27.53   55.8  0.414  1448.8
 270.0  -0.55  -0.56  34.39  27.66   43.1  0.419  1450.3
 280.0  -0.38  -0.39  34.49  27.74   36.4  0.423  1451.4
 290.0  -0.25  -0.26  34.56  27.79   31.7  0.427  1452.2
 300.0  -0.15  -0.16  34.62  27.83   28.2  0.430  1452.9
 310.0  -0.09  -0.10  34.65  27.85   26.1  0.433  1453.4
 320.0  -0.01  -0.02  34.68  27.87   23.9  0.435  1454.0
 330.0   0.07   0.05  34.72  27.90   21.5  0.437  1454.6
 340.0   0.12   0.11  34.74  27.91   20.2  0.440  1455.0
 350.0   0.16   0.15  34.76  27.92   19.1  0.442  1455.4
 370.0   0.23   0.21  34.79  27.94   17.6  0.445  1456.1
 390.0   0.28   0.27  34.81  27.96   16.4  0.449  1456.7
 410.0   0.33   0.31  34.82  27.97   15.4  0.452  1457.2
 430.0   0.36   0.34  34.83  27.97   14.9  0.455  1457.7
 450.0   0.39   0.37  34.84  27.98   14.3  0.458  1458.2
 470.0   0.41   0.39  34.85  27.98   13.8  0.461  1458.6
 490.0   0.43   0.40  34.86  27.99   13.6  0.464  1459.0
 510.0   0.44   0.41  34.86  27.99   13.3  0.466  1459.4
 530.0   0.44   0.41  34.87  27.99   13.1  0.469  1459.8
 550.0   0.43   0.40  34.87  28.00   12.6  0.472  1460.1
 570.0   0.42   0.39  34.87  28.00   12.5  0.474  1460.4
 590.0   0.39   0.37  34.87  28.00   12.1  0.477  1460.6
 610.0   0.37   0.35  34.88  28.01   11.7  0.479  1460.8
 630.0   0.35   0.32  34.88  28.01   11.6  0.481  1461.1
 650.0   0.33   0.30  34.88  28.01   11.3  0.484  1461.3
 670.0   0.30   0.27  34.88  28.02   10.9  0.486  1461.5
 690.0   0.27   0.24  34.88  28.02   10.8  0.488  1461.7
 710.0   0.24   0.21  34.88  28.02   10.4  0.490  1461.9
 730.0   0.21   0.18  34.88  28.02   10.4  0.492  1462.1

                    DEPTH     TEMP.      SALIN

     BOT NUM = 1      3.8     -1.52      29.73
     BOT NUM = 2     39.5                30.50
     BOT NUM = 3    247.4     -0.89      34.11
     BOT NUM = 4    496.6      0.44      34.85
     BOT NUM = 5    745.2      0.22      34.86
```

```
BIG BEAR STATION 429(1) CTD   1/AUG/1975 1700 GMT  CODE = 2
LAT = 75.1335N LNG = 143.8304W LTER =      2, LGER =     3,
AIR TEMP =  -0.5 BARUM = 1013.0 WIND = 275.9 SPEED =  60.3

DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.49  -1.49  29.90  24.06  385.9  0.000  1435.1
   5.0  -1.49  -1.49  29.90  24.06  385.8  0.019  1435.2
  10.0  -1.49  -1.49  29.90  24.06  385.8  0.039  1435.3
  15.0  -1.49  -1.49  29.90  24.06  385.7  0.058  1435.4
  20.0  -1.49  -1.49  29.90  24.06  385.7  0.078  1435.5
  25.0  -1.49  -1.49  29.90  24.06  385.6  0.097  1435.5
  27.0  -1.49  -1.49  29.90  24.06  385.6  0.105  1435.6
  30.0  -1.46  -1.46  30.10  24.22  370.3  0.116  1436.0
  35.0  -1.46  -1.46  30.30  24.39  354.7  0.135  1436.4
  40.0  -1.48  -1.48  30.35  24.43  350.8  0.152  1436.5
  45.0  -1.50  -1.50  30.42  24.48  345.3  0.170  1436.5
  50.0  -1.48  -1.49  30.53  24.58  336.4  0.187  1436.9
  55.0  -1.43  -1.43  30.83  24.82  313.6  0.203  1437.6
  60.0  -1.47  -1.47  30.97  24.92  303.2  0.219  1437.7
  65.0  -1.37  -1.37  31.20  25.11  285.5  0.234  1438.6
  70.0  -1.31  -1.31  31.48  25.34  263.8  0.248  1439.3
  80.0  -1.14  -1.14  31.90  25.67  232.0  0.273  1440.9
  90.0  -1.24  -1.24  32.13  25.86  213.8  0.295  1440.9
 100.0  -1.32  -1.32  32.31  26.01  199.8  0.316  1441.0
 110.0  -1.37  -1.37  32.42  26.10  191.0  0.336  1441.0
 120.0  -1.42  -1.42  32.54  26.20  182.1  0.354  1441.1
 130.0  -1.45  -1.45  32.63  26.27  175.0  0.372  1441.3
 140.0  -1.47  -1.47  32.71  26.33  169.0  0.390  1441.5
 150.0  -1.49  -1.49  32.78  26.39  163.0  0.407  1441.7
 160.0  -1.50  -1.51  32.89  26.48  154.5  0.423  1441.9
 170.0  -1.51  -1.52  32.99  26.56  146.7  0.438  1442.2
 180.0  -1.52  -1.52  33.06  26.62  141.8  0.452  1442.4
 190.0  -1.51  -1.52  33.16  26.70  134.0  0.466  1442.7
 200.0  -1.47  -1.48  33.27  26.79  125.2  0.479  1443.2
 210.0  -1.41  -1.41  33.44  26.93  112.3  0.491  1444.0
 220.0  -1.31  -1.31  33.61  27.06   99.8  0.502  1444.8
 230.0  -1.17  -1.17  33.80  27.21   85.6  0.511  1445.9
 240.0  -1.00  -1.01  34.02  27.38   70.0  0.519  1447.2
 250.0  -0.81  -0.82  34.18  27.50   58.2  0.526  1448.4
 260.0  -0.63  -0.64  34.32  27.61   48.6  0.531  1449.6
 270.0  -0.53  -0.54  34.40  27.67   42.7  0.536  1450.4
 280.0  -0.41  -0.42  34.46  27.71   38.4  0.540  1451.2
 290.0  -0.29  -0.30  34.53  27.76   33.9  0.543  1452.0
 300.0  -0.20  -0.22  34.58  27.80   30.7  0.547  1452.6
 310.0  -0.14  -0.15  34.61  27.82   28.7  0.550  1453.2
 320.0  -0.06  -0.07  34.65  27.85   26.0  0.553  1453.7
 330.0  -0.02  -0.03  34.67  27.86   25.0  0.555  1454.1
 340.0   0.01   0.00  34.68  27.87   24.3  0.558  1454.4
 350.0   0.04   0.03  34.70  27.88   23.3  0.560  1454.8
 370.0   0.11   0.10  34.73  27.90   21.2  0.564  1455.5
 390.0   0.18   0.16  34.76  27.92   19.5  0.569  1456.1
 410.0   0.24   0.22  34.78  27.93   18.3  0.572  1456.8
 430.0   0.29   0.27  34.80  27.95   17.2  0.576  1457.3
 450.0   0.33   0.31  34.82  27.96   16.0  0.579  1457.9
 470.0   0.37   0.34  34.83  27.97   15.0  0.582  1458.4
 490.0   0.39   0.37  34.85  27.98   14.2  0.585  1458.9
 510.0   0.39   0.37  34.85  27.99   13.6  0.588  1459.2
 530.0   0.38   0.35  34.86  27.99   13.1  0.591  1459.5
 550.0   0.35   0.33  34.86  28.00   12.6  0.594  1459.7
 570.0   0.34   0.31  34.87  28.00   12.1  0.596  1460.0
 590.0   0.32   0.29  34.87  28.00   11.9  0.598  1460.2
 610.0   0.29   0.26  34.87  28.01   11.6  0.601  1460.4
 630.0   0.26   0.23  34.87  28.01   11.3  0.603  1460.6
 650.0   0.23   0.20  34.88  28.01   11.0  0.605  1460.9
 670.0   0.21   0.18  34.88  28.02   10.8  0.608  1461.1
 690.0   0.17   0.14  34.87  28.02   10.6  0.610  1461.2
 710.0   0.16   0.13  34.88  28.02   10.5  0.612  1461.5
 730.0   0.13   0.10  34.87  28.02   10.5  0.614  1461.7
 747.5   0.12   0.08  34.87  28.02   10.4  0.616  1462.0

                    DEPTH     TEMP.      SALIN

     BOT NUM = 1      4.2     -1.52      29.73
     BOT NUM = 2     38.1                30.43
     BOT NUM = 3    244.4     -0.73      34.23
     BOT NUM = 4    746.6      0.14      34.86
     BOT NUM = 5    744.7      0.11      34.89
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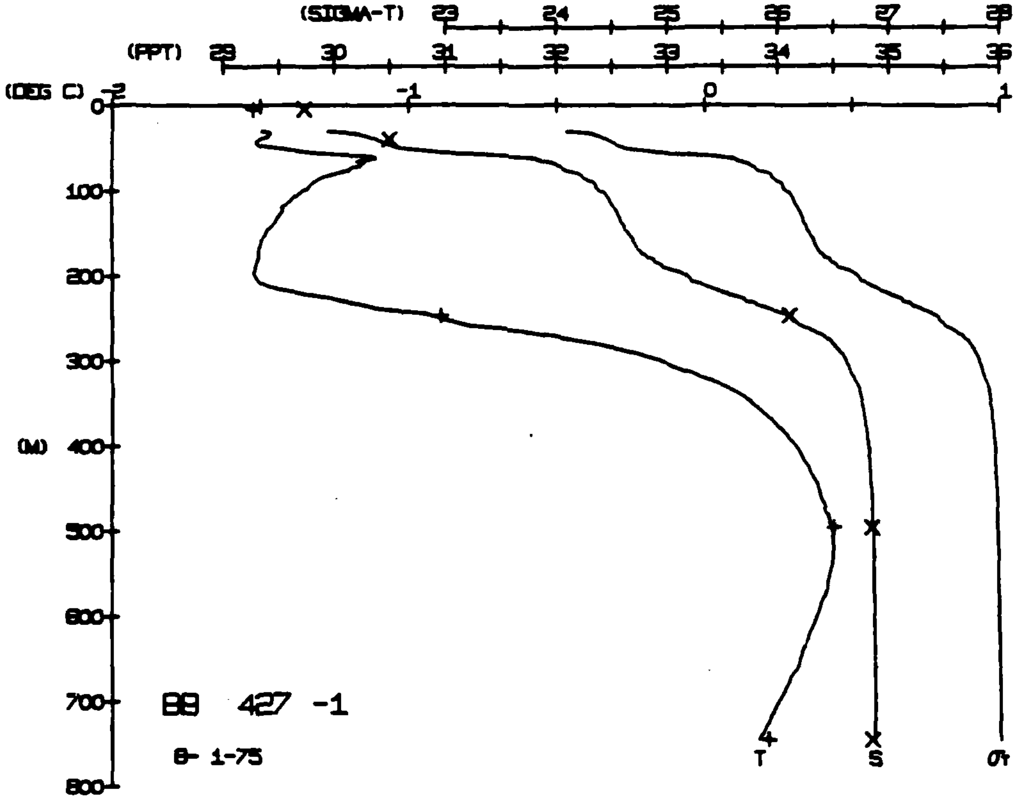
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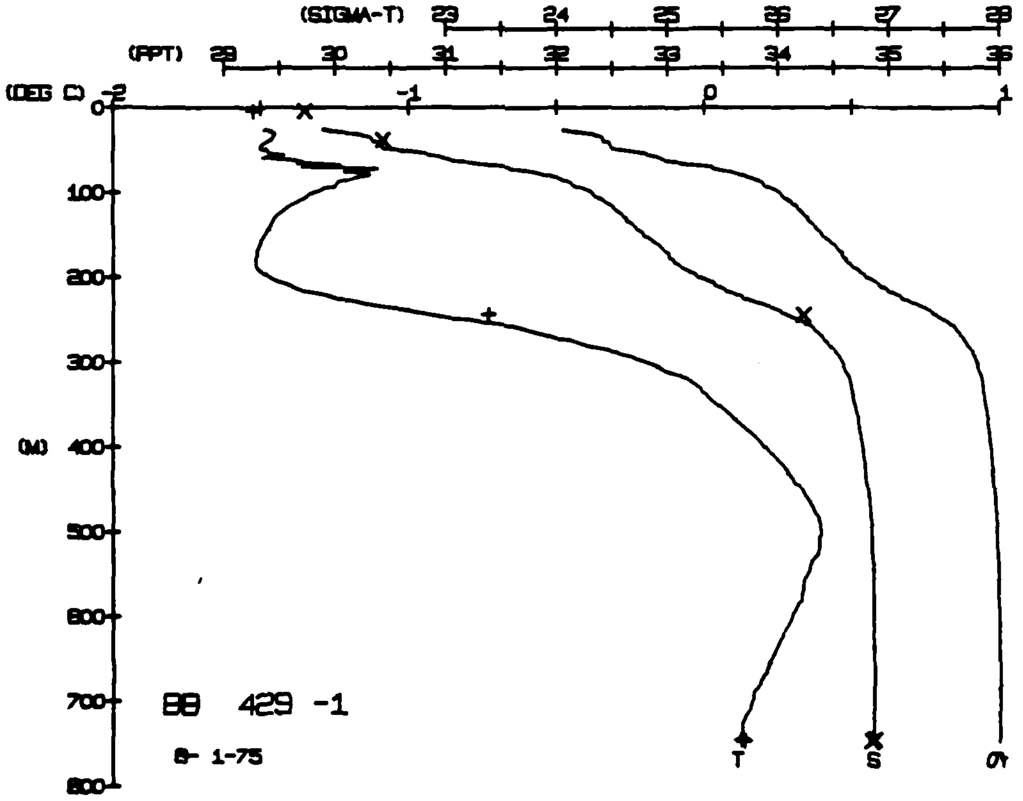
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
2
4
T
S
σt
BB 427 -1
8- 1-75


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
2
T
S
σt
BB 429 -1
8- 1-75

```
BIG BEAR STATION 431(1) CTD    2/AUG/1975  435 GMT   CODE = 2
LAT = 75.0961N LNG = 143.7404W LTER =    114, LGER =    141,
AIR TEMP =  -0.5 BARUM = 1018.4 WIND = 275.9 SPEED =  60.3

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.47   -1.47   29.81   23.99   392.8   0.000  1435.1
   5.0   -1.47   -1.47   29.81   23.99   392.7   0.020  1435.2
  10.0   -1.47   -1.47   29.81   23.99   392.6   0.040  1435.3
  15.0   -1.47   -1.47   29.81   23.99   392.6   0.059  1435.3
  20.0   -1.47   -1.47   29.81   23.99   392.5   0.079  1435.4
  25.0   -1.47   -1.47   29.81   23.99   392.4   0.099  1435.5
  28.2   -1.47   -1.47   29.81   23.99   392.4   0.111  1435.6
  30.0   -1.44   -1.44   30.08   24.20   372.0   0.118  1436.1
  35.0   -1.46   -1.46   30.21   24.31   361.6   0.137  1436.3
  40.0   -1.49   -1.49   30.32   24.41   352.9   0.155  1436.4
  45.0   -1.52   -1.52   30.38   24.45   348.1   0.173  1436.4
  50.0   -1.52   -1.53   30.43   24.49   345.0   0.190  1436.5
  55.0   -1.50   -1.50   30.53   24.57   337.4   0.207  1436.9
  60.0   -1.52   -1.52   30.69   24.70   324.3   0.224  1437.1
  65.0   -1.56   -1.56   30.91   24.88   307.1   0.240  1437.3
  70.0   -1.48   -1.48   31.14   25.07   289.3   0.255  1438.1
  80.0   -1.13   -1.13   31.71   25.52   246.7   0.282  1440.7
  90.0   -1.21   -1.21   31.97   25.73   226.3   0.306  1440.8
 100.0   -1.32   -1.32   32.23   25.94   206.1   0.327  1440.9
 110.0   -1.38   -1.39   32.37   26.06   195.0   0.348  1440.9
 120.0   -1.43   -1.43   32.46   26.14   187.7   0.367  1441.0
 130.0   -1.46   -1.46   32.57   26.22   179.3   0.386  1441.2
 140.0   -1.48   -1.49   32.67   26.30   171.5   0.403  1441.4
 150.0   -1.50   -1.50   32.77   26.38   164.2   0.420  1441.6
 160.0   -1.51   -1.52   32.86   26.46   156.7   0.436  1441.8
 170.0   -1.52   -1.53   32.96   26.54   149.2   0.452  1442.1
 180.0   -1.52   -1.52   33.05   26.61   142.3   0.467  1442.4
 190.0   -1.50   -1.50   33.20   26.73   131.0   0.480  1442.8
 200.0   -1.45   -1.46   33.31   26.82   122.2   0.493  1443.4
 210.0   -1.38   -1.39   33.45   26.93   111.9   0.505  1444.1
 220.0   -1.23   -1.24   33.66   27.10    95.9   0.515  1445.2
 230.0   -1.08   -1.09   33.88   27.27    80.4   0.524  1446.4
 240.0   -0.91   -0.92   34.04   27.39    68.3   0.532  1447.6
 250.0   -0.71   -0.72   34.22   27.53    55.8   0.538  1449.0
 260.0   -0.56   -0.57   34.32   27.60    49.0   0.543  1450.0
 270.0   -0.43   -0.44   34.40   27.66    43.5   0.548  1450.9
 280.0   -0.33   -0.34   34.46   27.71    38.9   0.552  1451.6
 290.0   -0.23   -0.25   34.52   27.75    35.1   0.556  1452.2
 300.0   -0.13   -0.14   34.57   27.79    31.7   0.559  1453.0
 310.0   -0.06   -0.07   34.61   27.82    29.0   0.562  1453.5
 320.0    0.00   -0.01   34.65   27.84    26.7   0.565  1454.0
 330.0    0.07    0.05   34.68   27.86    24.7   0.568  1454.5
 340.0    0.12    0.11   34.70   27.88    23.1   0.570  1455.0
 350.0    0.17    0.15   34.72   27.90    21.8   0.572  1455.4
 370.0    0.24    0.22   34.75   27.92    20.0   0.577  1456.1
 390.0    0.29    0.27   34.78   27.93    18.7   0.581  1456.7
 410.0    0.33    0.31   34.79   27.94    17.7   0.584  1457.2
 430.0    0.36    0.34   34.81   27.95    16.9   0.588  1457.7
 450.0    0.38    0.36   34.82   27.96    16.4   0.591  1458.1
 470.0    0.41    0.39   34.82   27.96    16.0   0.594  1458.6
 490.0    0.42    0.40   34.83   27.97    15.7   0.598  1459.0
 510.0    0.43    0.41   34.84   27.97    15.1   0.601  1459.4
 530.0    0.43    0.41   34.84   27.97    15.3   0.604  1459.7
 550.0    0.42    0.40   34.84   27.97    14.9   0.607  1460.0
 570.0    0.41    0.38   34.84   27.97    15.1   0.610  1460.3
 590.0    0.39    0.36   34.83   27.97    15.3   0.613  1460.5
 593.2    0.38    0.36   34.83   27.97    15.2   0.613  1460.5

                         DEPTH      TEMP.      SALIN

      BOT NUM = 1          3.1      -1.51      29.72
      BOT NUM = 2         39.5                 30.44
      BOT NUM = 3        246.2      -0.72      34.25
      BOT NUM = 4        497.1       0.44      34.85
      BOT NUM = 5        592.0       0.39      34.84
```

```
BIG BEAR STATION 433(1) CTD    2/AUG/1975 1645 GMT   CODE = 2
LAT = 75.0726N LNG = 143.6592W LTER =      0, LGER =      0,
AIR TEMP =  -2.1 BARUM = 1021.7 WIND = 293.3 SPEED =  42.6

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.50   -1.50   29.81   23.99   392.5   0.000  1435.0
   5.0   -1.50   -1.50   29.81   23.99   392.4   0.020  1435.1
  10.0   -1.50   -1.50   29.81   23.99   392.3   0.040  1435.1
  15.0   -1.50   -1.50   29.81   23.99   392.3   0.059  1435.2
  20.0   -1.50   -1.50   29.81   23.99   392.2   0.079  1435.3
  25.0   -1.50   -1.50   29.81   23.99   392.2   0.099  1435.4
  29.8   -1.50   -1.50   29.81   23.99   392.1   0.118  1435.5
  30.0   -1.49   -1.50   29.82   24.00   391.9   0.119  1435.5
  35.0   -1.45   -1.46   30.12   24.24   368.5   0.138  1436.2
  40.0   -1.47   -1.47   30.23   24.33   360.2   0.156  1436.3
  45.0   -1.50   -1.50   30.32   24.40   353.2   0.174  1436.4
  50.0   -1.52   -1.52   30.38   24.45   348.4   0.192  1436.5
  55.0   -1.52   -1.52   30.45   24.51   343.1   0.209  1436.7
  60.0   -1.52   -1.52   30.66   24.68   326.6   0.226  1437.0
  65.0   -1.40   -1.40   30.92   24.88   307.2   0.242  1438.0
  70.0   -1.18   -1.19   31.39   25.26   271.3   0.256  1439.8
  80.0   -1.16   -1.16   31.75   25.55   243.5   0.287  1440.6
  90.0   -1.25   -1.25   32.04   25.79   220.7   0.306  1440.7
 100.0   -1.32   -1.32   32.19   25.91   209.1   0.327  1440.8
 110.0   -1.38   -1.38   32.32   26.02   199.2   0.348  1440.9
 120.0   -1.43   -1.43   32.43   26.11   190.6   0.368  1440.9
 130.0   -1.48   -1.48   32.56   26.21   180.5   0.386  1441.1
 140.0   -1.50   -1.50   32.66   26.30   172.1   0.404  1441.3
 150.0   -1.52   -1.52   32.77   26.38   164.0   0.421  1441.5
 160.0   -1.53   -1.53   32.84   26.44   158.7   0.437  1441.7
 170.0   -1.53   -1.54   32.93   26.51   151.8   0.453  1442.0
 180.0   -1.53   -1.53   33.02   26.59   144.3   0.468  1442.3
 190.0   -1.51   -1.51   33.16   26.70   134.1   0.482  1442.8
 200.0   -1.48   -1.48   33.26   26.78   126.0   0.495  1443.2
 210.0   -1.41   -1.42   33.40   26.89   115.6   0.507  1443.9
 220.0   -1.30   -1.30   33.55   27.01   104.3   0.519  1444.8
 230.0   -1.17   -1.17   33.75   27.16    89.9   0.528  1445.9
 240.0   -1.01   -1.01   33.95   27.33    74.6   0.537  1447.0
 250.0   -0.79   -0.79   34.12   27.45    62.8   0.544  1448.5
 260.0   -0.52   -0.53   34.34   27.62    47.2   0.549  1450.2
 270.0   -0.41   -0.42   34.42   27.68    41.9   0.554  1451.0
 280.0   -0.30   -0.31   34.49   27.73    37.1   0.558  1451.7
 290.0   -0.19   -0.20   34.54   27.77    33.8   0.561  1452.5
 300.0   -0.10   -0.11   34.59   27.80    30.5   0.564  1453.1
 310.0   -0.01   -0.02   34.63   27.83    28.3   0.567  1453.8
 320.0    0.04    0.03   34.66   27.85    25.9   0.570  1454.2
 330.0    0.09    0.08   34.69   27.87    24.3   0.573  1454.6
 340.0    0.14    0.12   34.71   27.88    23.1   0.575  1455.0
 350.0    0.16    0.15   34.72   27.89    22.2   0.577  1455.3
 370.0    0.23    0.22   34.75   27.91    20.3   0.582  1456.0
 390.0    0.29    0.27   34.77   27.93    19.1   0.586  1456.7
 410.0    0.33    0.31   34.79   27.94    17.8   0.589  1457.2
 430.0    0.36    0.34   34.81   27.95    17.0   0.593  1457.7
 450.0    0.39    0.37   34.81   27.96    16.6   0.596  1458.1
 470.0    0.41    0.39   34.82   27.96    16.2   0.600  1458.6
 490.0    0.42    0.40   34.83   27.97    15.7   0.603  1459.0
 510.0    0.43    0.41   34.83   27.97    15.5   0.606  1459.4
 530.0    0.43    0.41   34.83   27.97    15.5   0.609  1459.7
 550.0    0.42    0.40   34.83   27.97    15.5   0.612  1460.0
 570.0    0.41    0.38   34.83   27.97    15.4   0.615  1460.3
 590.0    0.38    0.36   34.83   27.97    15.6   0.619  1460.5
 592.4    0.38    0.36   34.83   27.97    15.7   0.619  1460.5

                         DEPTH      TEMP.      SALIN

      BOT NUM = 1          3.1      -1.51      29.70
      BOT NUM = 2         38.4                 30.40
      BOT NUM = 3        241.0      -0.74      34.21
      BOT NUM = 4        497.8       0.44      34.85
      BOT NUM = 5        591.5       0.40      34.85
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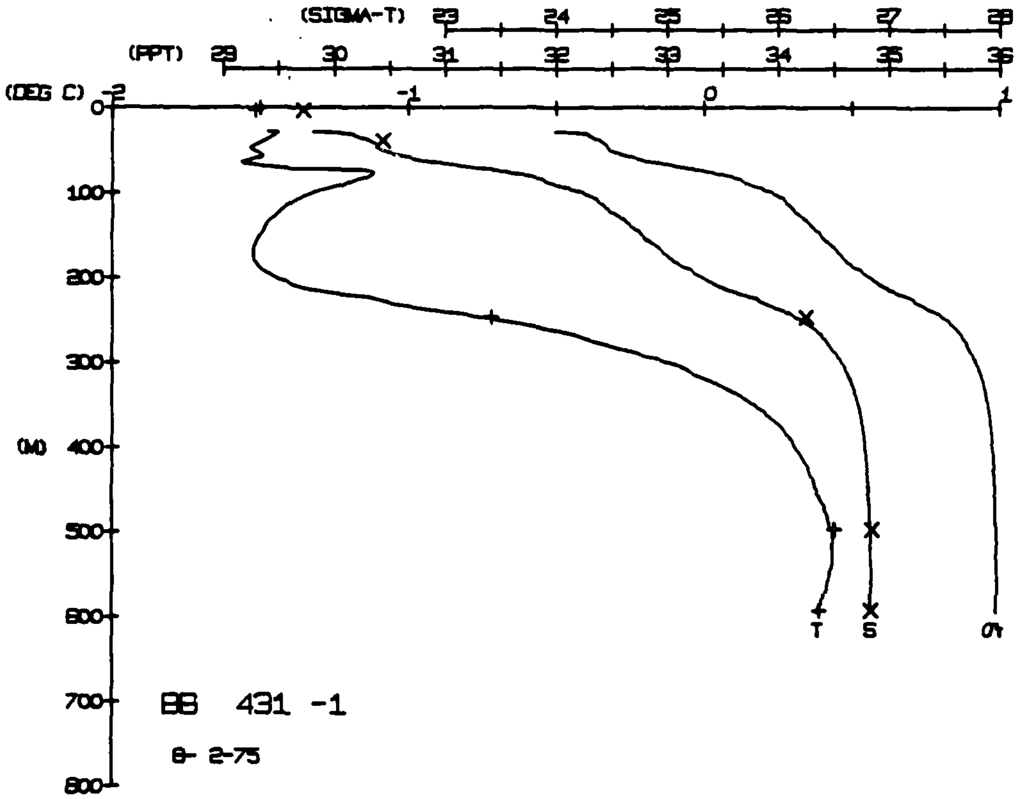
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
T
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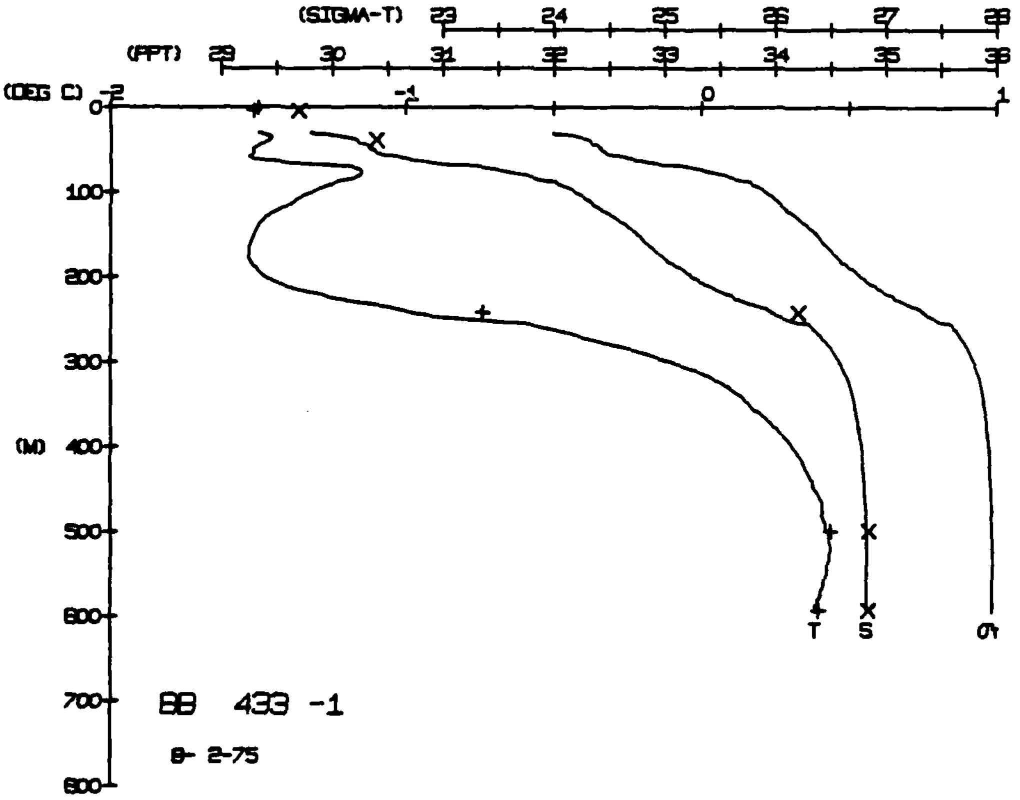
σt
BB 431 -1
8- 2-75


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
T
S
σt
BB 433 -1
8- 2-75

```
BIG BEAR STATION 434(1) CTD   3/AUG/1975 1710 GMT  CODE = 2
LAT = 75.0352N LNG = 143.4819W LTER =     0. LGER =      0.
AIR TEMP =  -2.1 BARUM = 1026.0 WIND = 293.3 SPEED =  42.6

 DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0
   5.0
  10.0
  15.0
  20.0
  25.0
  30.0
  35.0
  36.4  -1.46  -1.46  29.80  23.99  392.8  0.000  1435.8
  40.0  -1.46  -1.46  30.13  24.25  367.6  0.014  1436.3
  45.0  -1.49  -1.49  30.30  24.39  354.3  0.032  1436.4
  50.0  -1.52  -1.52  30.40  24.47  346.9  0.050  1436.5
  55.0  -1.52  -1.52  30.44  24.50  343.7  0.067  1436.6
  60.0  -1.44  -1.44  30.65  24.67  327.4  0.084  1437.4
  65.0  -1.46  -1.46  31.08  25.02  294.1  0.100  1438.0
  70.0  -1.44  -1.44  31.28  25.18  278.8  0.114  1438.4
  80.0  -1.25  -1.25  31.69  25.51  247.7  0.141  1440.1
  90.0  -1.25  -1.25  32.05  25.79  220.4  0.164  1440.7
 100.0  -1.33  -1.33  32.24  25.95  205.5  0.186  1440.8
 110.0  -1.40  -1.41  32.40  26.09  192.5  0.206  1440.9
 120.0  -1.45  -1.46  32.55  26.20  181.3  0.225  1441.0
 130.0  -1.48  -1.49  32.65  26.29  173.2  0.242  1441.2
 140.0  -1.50  -1.50  32.74  26.36  166.4  0.260  1441.4
 150.0  -1.51  -1.51  32.80  26.41  161.4  0.276  1441.6
 160.0  -1.52  -1.53  32.87  26.47  155.9  0.292  1441.8
 170.0  -1.53  -1.53  32.95  26.53  149.5  0.307  1442.0
 180.0  -1.52  -1.53  33.04  26.60  143.0  0.322  1442.3
 190.0  -1.51  -1.51  33.11  26.66  137.6  0.336  1442.7
 200.0  -1.49  -1.50  33.17  26.71  133.2  0.350  1443.0
 210.0  -1.47  -1.47  33.24  26.76  127.6  0.363  1443.4
 220.0  -1.40  -1.41  33.36  26.86  118.4  0.376  1444.0
 230.0  -1.32  -1.32  33.51  26.98  107.4  0.387  1444.8
 240.0  -1.18  -1.19  33.72  27.14   92.1  0.397  1445.9
 250.0  -1.03  -1.04  33.90  27.28   78.6  0.406  1447.0
 260.0  -0.83  -0.84  34.10  27.44   64.0  0.413  1448.4
 270.0  -0.59  -0.60  34.28  27.57   51.9  0.419  1449.9
 280.0  -0.44  -0.45  34.38  27.65   44.3  0.424  1451.0
 290.0  -0.35  -0.36  34.44  27.69   40.4  0.428  1451.6
 300.0  -0.22  -0.23  34.51  27.74   35.9  0.432  1452.5
 310.0  -0.12  -0.13  34.56  27.78   32.5  0.435  1453.2
 320.0  -0.04  -0.05  34.60  27.80   30.2  0.438  1453.7
 330.0   0.04   0.03  34.65  27.84   26.9  0.441  1454.3
 340.0   0.09   0.08  34.68  27.86   25.1  0.444  1454.8
 350.0   0.14   0.13  34.70  27.88   23.5  0.446  1455.2
 370.0   0.22   0.20  34.73  27.90   21.6  0.451  1455.9
 390.0   0.27   0.25  34.75  27.91   20.3  0.455  1456.5
 410.0   0.32   0.30  34.78  27.93   18.7  0.459  1457.1
 430.0   0.36   0.34  34.79  27.94   17.9  0.463  1457.7
 450.0   0.39   0.37  34.81  27.95   17.2  0.466  1458.2
 470.0   0.42   0.40  34.81  27.95   16.8  0.470  1458.6
 490.0   0.43   0.41  34.82  27.96   16.4  0.473  1459.0
 510.0   0.44   0.42  34.83  27.96   16.1  0.476  1459.4
 530.0   0.44   0.42  34.83  27.96   16.0  0.480  1459.8
 550.0   0.43   0.41  34.83  27.96   15.8  0.483  1460.1
 570.0   0.41   0.39  34.83  27.96   15.9  0.486  1460.3
 590.0   0.39   0.37  34.82  27.96   16.1  0.489  1460.5
                      DEPTH      TEMP.      SALIN

         BUT NUM = 1    3.1     -1.50      29.75
         BUT NUM = 2   35.9                30.46
         BUT NUM = 3  250.0     -0.97      34.03
         BUT NUM = 4  497.9      0.44      34.85
         BUT NUM = 5  592.5      0.41      34.84
```

```
BIG BEAR STATION 436(1) CTD   4/AUG/1975  353 GMT  CODE = 2
LAT = 75.0190N LNG = 143.3665W LTER =     0. LGER =      1.
AIR TEMP =        BARUM = 1025.1 WIND =      SPEED =

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0  -1.52  -1.52  29.82  24.00  392.2  0.000  1434.9
  5.0  -1.52  -1.52  29.82  24.00  392.2  0.020  1435.0
 10.0  -1.52  -1.52  29.82  24.00  392.1  0.039  1435.0
 12.5  -1.52  -1.52  29.82  24.00  392.1  0.049  1435.1
 15.0  -1.52  -1.52  29.82  24.00  391.7  0.059  1435.1
 20.0  -1.52  -1.52  29.82  24.00  391.7  0.079  1435.2
 25.0  -1.52  -1.52  29.84  24.01  390.2  0.099  1435.3
 30.0  -1.48  -1.48  30.22  24.32  361.2  0.118  1436.1
 35.0  -1.51  -1.51  30.43  24.49  344.4  0.135  1436.4
 40.0  -1.54  -1.54  30.56  24.59  334.9  0.152  1436.5
 45.0  -1.52  -1.52  30.82  24.81  314.3  0.169  1437.0
 50.0  -1.40  -1.40  31.05  24.99  297.0  0.184  1438.0
 55.0  -1.31  -1.31  31.39  25.27  270.8  0.198  1439.0
 60.0  -1.26  -1.26  31.63  25.46  252.7  0.212  1439.6
 65.0  -1.24  -1.24  31.85  25.63  236.0  0.224  1440.1
 70.0  -1.25  -1.25  32.06  25.80  220.0  0.235  1440.4
 80.0  -1.33  -1.33  32.27  25.98  203.3  0.257  1440.5
 90.0  -1.41  -1.41  32.46  26.14  188.0  0.277  1440.6
100.0  -1.45  -1.46  32.55  26.21  181.3  0.295  1440.7
110.0  -1.48  -1.48  32.65  26.29  173.1  0.313  1440.8
120.0  -1.50  -1.50  32.75  26.37  165.6  0.330  1441.1
130.0  -1.51  -1.51  32.81  26.42  160.8  0.347  1441.3
140.0  -1.52  -1.53  32.88  26.47  155.5  0.363  1441.5
150.0  -1.54  -1.54  32.94  26.52  150.9  0.378  1441.6
160.0  -1.55  -1.56  33.00  26.57  146.2  0.393  1441.8
170.0  -1.56  -1.57  33.07  26.63  141.0  0.407  1442.0
180.0  -1.55  -1.56  33.14  26.69  135.2  0.421  1442.3
190.0  -1.51  -1.52  33.21  26.74  130.2  0.435  1442.8
200.0  -1.47  -1.48  33.27  26.79  125.6  0.448  1443.2
210.0  -1.43  -1.44  33.34  26.84  120.1  0.460  1443.7
220.0  -1.37  -1.37  33.43  26.92  113.3  0.472  1444.3
230.0  -1.31  -1.32  33.52  26.99  106.7  0.483  1444.8
240.0  -1.24  -1.25  33.67  27.11   95.3  0.493  1445.5
250.0  -1.11  -1.12  33.85  27.25   82.1  0.502  1446.6
260.0  -0.86  -0.86  34.10  27.44   64.0  0.510  1448.3
270.0  -0.65  -0.66  34.27  27.57   52.4  0.515  1449.6
280.0  -0.47  -0.48  34.39  27.66   43.5  0.520  1450.8
290.0  -0.31  -0.32  34.48  27.73   37.5  0.524  1451.9
300.0  -0.17  -0.19  34.56  27.78   32.5  0.528  1452.7
310.0  -0.08  -0.10  34.60  27.81   29.5  0.531  1453.4
320.0   0.00  -0.02  34.64  27.84   27.3  0.534  1454.0
330.0   0.04   0.03  34.66  27.85   25.7  0.537  1454.4
340.0   0.09   0.08  34.69  27.87   24.0  0.539  1454.8
350.0   0.14   0.12  34.71  27.89   22.7  0.541  1455.2
370.0   0.21   0.19  34.74  27.91   20.8  0.546  1455.9
390.0   0.26   0.25  34.77  27.93   19.1  0.550  1456.5
410.0   0.31   0.29  34.79  27.94   17.9  0.554  1457.1
430.0   0.35   0.33  34.80  27.95   17.0  0.557  1457.6
450.0   0.38   0.36  34.82  27.96   16.2  0.560  1458.1
470.0   0.40   0.38  34.82  27.96   15.9  0.564  1458.6
490.0   0.43   0.40  34.83  27.97   15.5  0.567  1459.0
510.0   0.43   0.41  34.83  27.97   15.3  0.570  1459.4
530.0   0.44   0.41  34.84  27.97   15.3  0.573  1459.7
550.0   0.43   0.40  34.84  27.97   15.1  0.576  1460.0
570.0   0.42   0.39  34.84  27.97   15.1  0.579  1460.3
590.0   0.40   0.37  34.83  27.97   15.3  0.582  1460.6
                     DEPTH      TEMP.      SALIN

        BOT NUM = 1    3.1     -1.50      29.78
        BOT NUM = 2   39.9                30.54
        BOT NUM = 3  245.1                33.80
        BOT NUM = 4  499.6                34.83
        BOT NUM = 5  590.7      0.42      34.85
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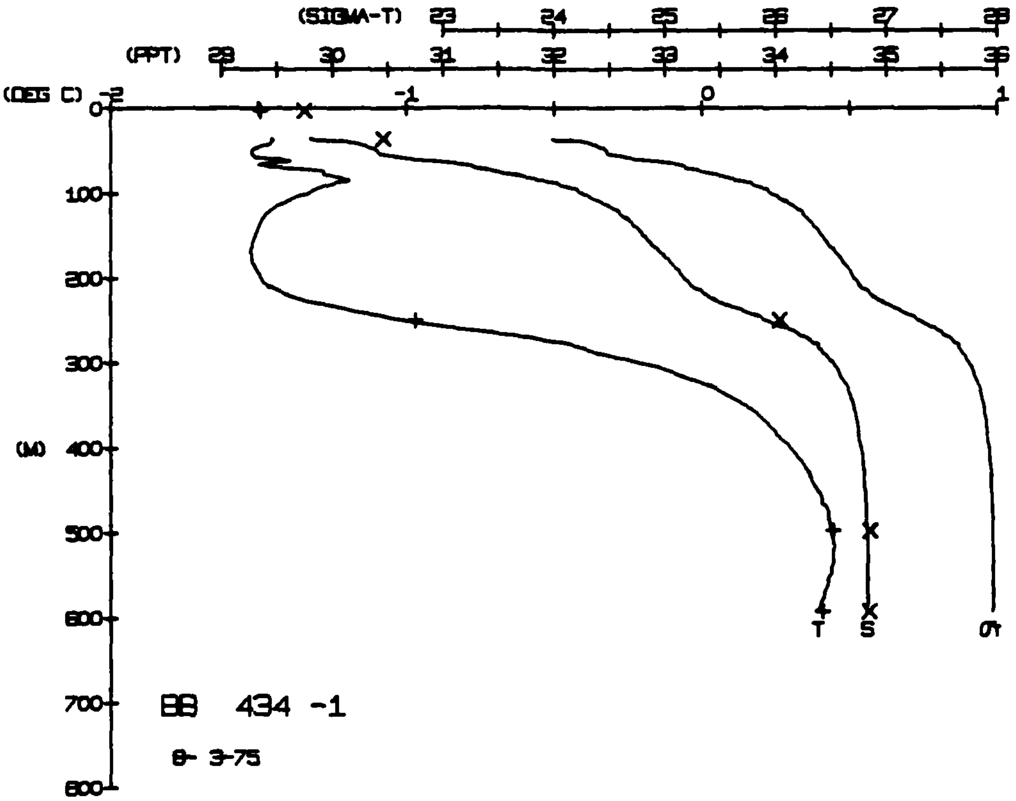

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(DEG C) -2 -1 0 1
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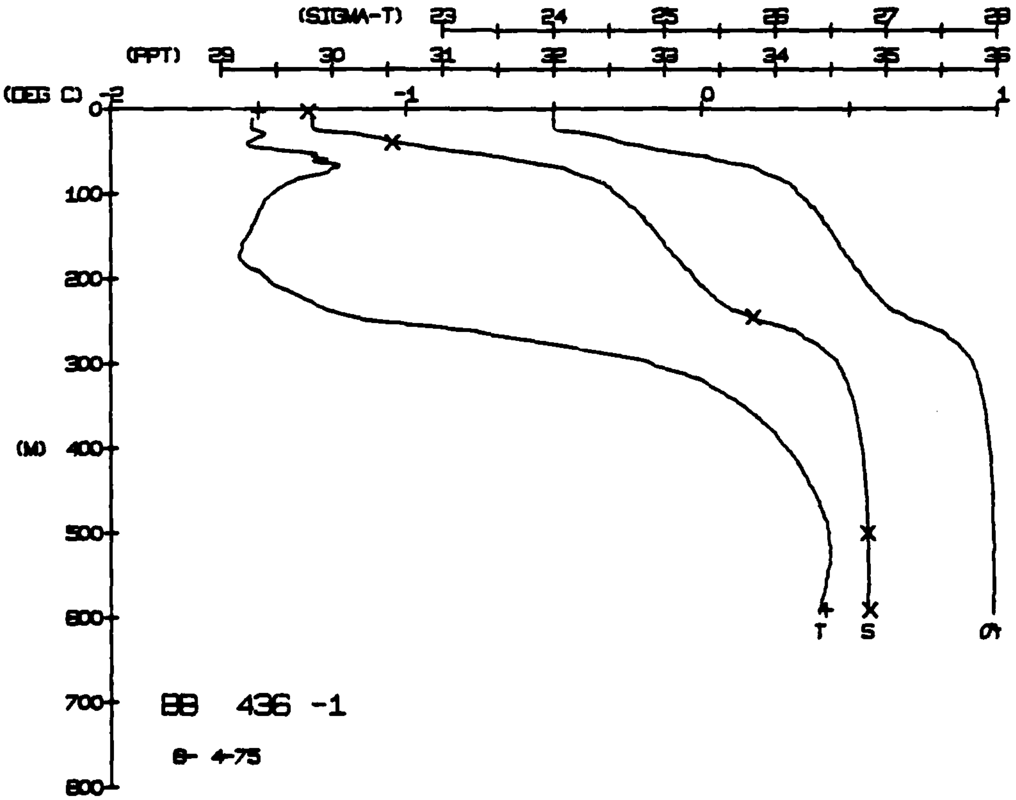
200
300
(M) 400
500
600
700
800
T
S
σt
BB 434 -1
8- 3-75



(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
T
S
σt
BB 436 -1
8- 4-75

```
BIG BEAR STATION 438(1) CTD    4/AUG/1975 1700 GMT  CODE = 2
LAT = 75.0260N LNG = 143.2467W LTER =      1. LGER =      1.
AIR TEMP =        BAROM = 1020.6 WIND =         SPEED =

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVUL  DYNHT  SOUND

   0.0   -1.51  -1.51  29.81  23.99  392.9  0.000  1434.9
   5.0   -1.51  -1.51  29.81  23.99  392.9  0.020  1435.0
  10.0   -1.51  -1.51  29.81  23.99  392.8  0.040  1435.1
  15.0   -1.51  -1.51  29.81  23.99  392.8  0.059  1435.2
  20.0   -1.51  -1.51  29.81  23.99  392.7  0.079  1435.2
  22.2   -1.51  -1.51  29.81  23.99  392.7  0.088  1435.3
  25.0   -1.50  -1.50  29.82  24.00  391.6  0.098  1435.4
  30.0   -1.46  -1.46  30.14  24.25  367.3  0.118  1436.1
  35.0   -1.47  -1.47  30.35  24.43  350.6  0.136  1436.4
  40.0   -1.48  -1.48  30.44  24.50  343.9  0.154  1436.6
  45.0   -1.52  -1.52  30.71  24.72  323.3  0.170  1436.9
  50.0   -1.54  -1.54  30.94  24.91  304.9  0.186  1437.2
  55.0   -1.53  -1.53  31.12  25.05  291.8  0.201  1437.5
  60.0   -1.31  -1.31  31.36  25.24  273.5  0.215  1439.0
  65.0   -1.28  -1.28  31.63  25.46  252.8  0.229  1439.6
  70.0   -1.26  -1.26  31.75  25.56  243.2  0.241  1440.0
  80.0   -1.23  -1.24  32.08  25.82  218.2  0.264  1440.7
  90.0   -1.33  -1.34  32.31  26.01  199.9  0.285  1440.7
 100.0   -1.40  -1.40  32.46  26.13  188.3  0.305  1440.8
 110.0   -1.44  -1.45  32.57  26.23  179.3  0.324  1440.9
 120.0   -1.47  -1.48  32.67  26.30  172.0  0.341  1441.1
 130.0   -1.49  -1.49  32.75  26.37  165.3  0.358  1441.3
 140.0   -1.50  -1.51  32.84  26.44  158.7  0.375  1441.5
 150.0   -1.52  -1.52  32.90  26.49  153.8  0.390  1441.7
 160.0   -1.52  -1.53  32.96  26.54  149.3  0.406  1441.9
 170.0   -1.52  -1.53  33.02  26.59  144.5  0.421  1442.2
 180.0   -1.52  -1.52  33.10  26.65  138.7  0.435  1442.5
 190.0   -1.51  -1.52  33.16  26.70  133.4  0.449  1442.7
 200.0   -1.49  -1.49  33.23  26.75  128.7  0.462  1443.1
 210.0   -1.44  -1.45  33.32  26.83  121.4  0.474  1443.6
 220.0   -1.38  -1.38  33.44  26.92  112.5  0.486  1444.3
 230.0   -1.29  -1.29  33.59  27.04  101.6  0.497  1445.1
 240.0   -1.12  -1.13  33.84  27.24   83.2  0.506  1446.4
 250.0   -0.92  -0.92  34.04  27.40   68.1  0.514  1447.8
 260.0   -0.70  -0.71  34.22  27.53   55.4  0.520  1449.2
 270.0   -0.52  -0.53  34.35  27.63   46.5  0.525  1450.4
 280.0   -0.40  -0.41  34.44  27.69   40.5  0.530  1451.2
 290.0   -0.28  -0.29  34.50  27.74   36.4  0.534  1452.0
 300.0   -0.17  -0.18  34.56  27.78   32.7  0.537  1452.8
 310.0   -0.08  -0.09  34.60  27.81   29.6  0.540  1453.4
 320.0    0.00  -0.01  34.63  27.83   28.0  0.543  1454.0
 330.0    0.05   0.04  34.67  27.86   25.0  0.546  1454.4
 340.0    0.09   0.08  34.69  27.87   23.9  0.548  1454.8
 350.0    0.13   0.12  34.71  27.89   22.7  0.551  1455.2
 370.0    0.22   0.21  34.75  27.91   20.2  0.555  1456.0
 390.0    0.28   0.27  34.78  27.93   18.5  0.559  1456.6
 410.0    0.33   0.31  34.80  27.94   17.4  0.563  1457.2
 430.0    0.37   0.35  34.81  27.96   16.4  0.566  1457.7
 450.0    0.40   0.38  34.82  27.96   15.9  0.569  1458.2
 470.0    0.42   0.40  34.83  27.97   15.4  0.572  1458.7
 490.0    0.44   0.41  34.84  27.97   14.9  0.576  1459.1
 510.0    0.44   0.42  34.84  27.98   14.8  0.579  1459.4
 530.0    0.44   0.42  34.84  27.98   14.7  0.581  1459.8
 550.0    0.44   0.41  34.84  27.98   14.8  0.584  1460.1
 570.0    0.42   0.40  34.84  27.98   14.6  0.587  1460.3
 590.0    0.40   0.37  34.84  27.98   14.8  0.590  1460.6
 593.0    0.40   0.37  34.84  27.97   14.8  0.591  1460.6

                          DEPTH     TEMP.     SALIN

         BOT NUM = 1        3.1     -1.51     29.81
         BOT NUM = 2       36.9               30.56
         BOT NUM = 3      243.9     -0.96     34.03
         BOT NUM = 4      501.7      0.46     34.83
         BOT NUM = 5      593.1      0.42     34.85
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```
BIG BEAR STATION 440(2) CTD    5/AUG/1975  500 GMT  CODE = 2
LAT = 75.0589N LNG = 142.9736W LTER =      2. LGER =      4.
AIR TEMP =   0.4 BAROM = 1010.3 WIND = 191.7 SPEED =  79.9

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVUL  DYNHT  SOUND

   0.0   -1.51  -1.51  29.81  23.99  393.0  0.000  1434.9
   5.0   -1.51  -1.51  29.81  23.99  392.9  0.020  1435.0
  10.0   -1.51  -1.51  29.81  23.99  392.9  0.040  1435.1
  15.0   -1.51  -1.51  29.81  23.99  392.8  0.059  1435.2
  20.0   -1.51  -1.51  29.81  23.99  392.7  0.079  1435.3
  25.0   -1.51  -1.51  29.81  23.99  392.7  0.099  1435.3
  25.1   -1.51  -1.51  29.81  23.99  392.7  0.099  1435.3
  30.0   -1.48  -1.48  30.00  24.15  377.7  0.118  1435.8
  35.0   -1.47  -1.47  30.34  24.42  351.5  0.137  1436.4
  40.0   -1.50  -1.50  30.49  24.54  339.9  0.154  1436.5
  45.0   -1.51  -1.51  30.68  24.69  325.4  0.171  1436.9
  50.0   -1.53  -1.53  30.84  24.83  312.6  0.187  1437.1
  55.0   -1.55  -1.55  30.99  24.95  300.9  0.202  1437.3
  60.0   -1.57  -1.58  31.16  25.08  288.3  0.217  1437.5
  65.0   -1.60  -1.61  31.27  25.17  279.8  0.232  1437.6
  70.0   -1.53  -1.53  31.41  25.28  269.1  0.245  1438.2
  80.0   -1.35  -1.35  31.76  25.56  242.2  0.271  1439.7
  90.0   -1.23  -1.23  32.02  25.77  222.8  0.295  1440.8
 100.0   -1.30  -1.30  32.17  25.90  210.6  0.316  1440.9
 110.0   -1.36  -1.37  32.35  26.04  197.0  0.337  1441.0
 120.0   -1.41  -1.42  32.49  26.15  186.0  0.356  1441.1
 130.0   -1.45  -1.45  32.60  26.24  177.4  0.375  1441.2
 140.0   -1.47  -1.48  32.69  26.32  170.2  0.392  1441.4
 150.0   -1.49  -1.49  32.80  26.41  161.4  0.409  1441.7
 160.0   -1.51  -1.51  32.89  26.48  154.5  0.425  1441.9
 170.0   -1.51  -1.51  32.96  26.54  149.4  0.440  1442.1
 180.0   -1.50  -1.51  33.04  26.60  143.1  0.455  1442.4
 190.0   -1.49  -1.49  33.17  26.71  132.9  0.469  1442.9
 200.0   -1.44  -1.45  33.31  26.82  122.8  0.482  1443.4
 210.0   -1.35  -1.35  33.50  26.97  107.9  0.493  1444.3
 220.0   -1.22  -1.22  33.69  27.12   93.9  0.504  1445.4
 230.0   -1.09  -1.09  33.87  27.26   80.5  0.512  1446.4
 240.0   -0.88  -0.88  34.08  27.42   65.8  0.520  1447.8
 250.0   -0.70  -0.71  34.23  27.54   54.6  0.526  1449.0
 260.0   -0.53  -0.54  34.36  27.64   45.7  0.531  1450.2
 270.0   -0.42  -0.42  34.44  27.69   40.3  0.535  1451.0
 280.0   -0.30  -0.31  34.50  27.74   36.1  0.539  1451.8
 290.0   -0.19  -0.20  34.56  27.78   32.1  0.543  1452.5
 300.0   -0.10  -0.11  34.60  27.81   29.6  0.546  1453.1
 310.0   -0.03  -0.04  34.65  27.84   26.7  0.549  1453.7
 320.0    0.03   0.02  34.67  27.86   25.1  0.551  1454.2
 330.0    0.08   0.07  34.70  27.88   23.3  0.554  1454.6
 340.0    0.14   0.13  34.72  27.90   21.9  0.556  1455.1
 350.0    0.18   0.16  34.74  27.91   20.5  0.558  1455.4
 370.0    0.26   0.25  34.78  27.93   18.5  0.562  1456.2
 390.0    0.31   0.30  34.80  27.95   17.1  0.566  1456.8
 410.0    0.35   0.34  34.82  27.96   16.1  0.569  1457.3
 430.0    0.38   0.36  34.83  27.97   15.6  0.572  1457.8
 450.0    0.41   0.39  34.84  27.97   15.0  0.575  1458.3
 470.0    0.42   0.40  34.84  27.98   14.7  0.578  1458.7
 490.0    0.45   0.42  34.85  27.98   14.3  0.581  1459.1
 510.0    0.45   0.43  34.85  27.98   14.2  0.584  1459.5
 530.0    0.45   0.42  34.85  27.98   14.1  0.587  1459.8
 550.0    0.44   0.41  34.85  27.98   14.0  0.590  1460.1
 570.0    0.42   0.39  34.85  27.98   13.9  0.593  1460.3
 590.0    0.40   0.37  34.85  27.98   14.2  0.595  1460.6
 610.0    0.38   0.35  34.84  27.98   14.5  0.598  1460.8

                          DEPTH     TEMP.     SALIN

         BOT NUM = 1        3.1     -1.49     29.82
         BOT NUM = 2       39.4               30.67
         BOT NUM = 3      245.6     -0.73     34.23
         BOT NUM = 4      499.7      0.45     34.83
         BOT NUM = 5      606.4      0.39     34.85
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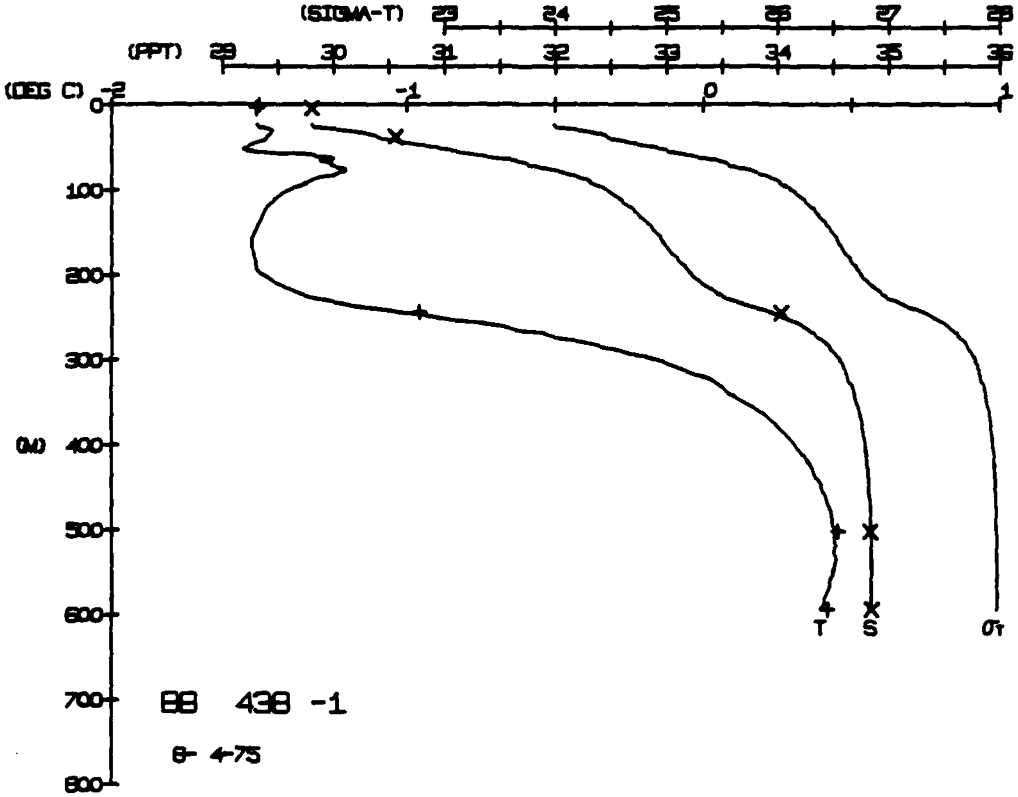
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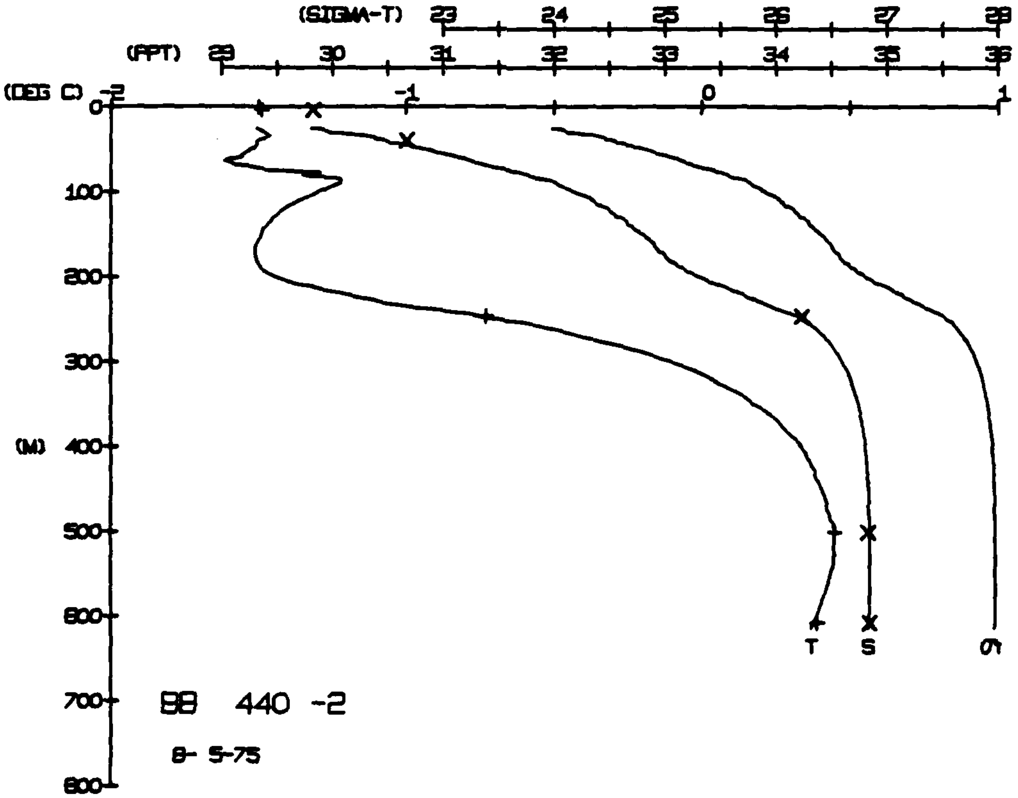
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(PPT) 29 30 31 32 33 34 35 36
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700
800
T
S
σT
BB 440 -2
8- 5-75

```
BIG BEAR STATION 442(1) CTD    5/AUG/1975 1653 GMT  CODE = 2
LAT = 75.0690N LNG = 142.7955W LTER =      1, LGER =      1,
AIR TEMP =    0.4 BAROM = 1000.0 WIND = 191.7 SPEED =  79.9

 DEPTH    TEMP  PTEMP   SALIN   SIG T  SPVUL   DYNHT   SOUND

   0.0   -1.53  -1.53   29.91   24.07  384.8   0.000  1435.0
   5.0   -1.53  -1.53   29.91   24.07  384.8   0.019  1435.1
  10.0   -1.53  -1.53   29.91   24.07  384.7   0.039  1435.1
  15.0   -1.53  -1.53   29.91   24.07  384.6   0.058  1435.2
  20.0   -1.53  -1.53   29.91   24.07  384.6   0.077  1435.3
  24.5   -1.53  -1.53   29.91   24.07  384.5   0.095  1435.4
  25.0   -1.52  -1.52   29.97   24.12  379.8   0.097  1435.5
  30.0   -1.48  -1.48   30.42   24.48  345.4   0.115  1436.4
  35.0   -1.51  -1.51   30.56   24.60  334.6   0.132  1436.5
  40.0   -1.52  -1.52   30.69   24.70  324.9   0.149  1436.7
  45.0   -1.54  -1.55   30.84   24.82  313.2   0.165  1436.9
  50.0   -1.57  -1.57   30.89   24.86  309.3   0.181  1437.0
  55.0   -1.59  -1.59   31.03   24.97  298.7   0.196  1437.1
  60.0   -1.62  -1.62   31.13   25.06  290.4   0.211  1437.2
  65.0   -1.65  -1.65   31.21   25.13  283.9   0.225  1437.3
  70.0   -1.66  -1.66   31.26   25.17  280.0   0.239  1437.4
  80.0   -1.45  -1.45   31.57   25.41  256.9   0.266  1439.0
  90.0   -1.25  -1.25   31.77   25.57  241.4   0.292  1440.4
 100.0   -1.30  -1.30   32.18   25.91  209.7   0.314  1440.9
 110.0   -1.37  -1.37   32.35   26.04  196.7   0.335  1440.9
 120.0   -1.42  -1.42   32.49   26.15  186.2   0.354  1441.1
 130.0   -1.46  -1.46   32.62   26.27  175.4   0.372  1441.2
 140.0   -1.48  -1.49   32.71   26.34  168.3   0.390  1441.4
 150.0   -1.50  -1.51   32.83   26.43  159.4   0.406  1441.6
 160.0   -1.52  -1.52   32.90   26.49  153.9   0.422  1441.8
 170.0   -1.52  -1.52   33.00   26.57  146.2   0.437  1442.1
 180.0   -1.51  -1.51   33.10   26.66  138.1   0.452  1442.5
 190.0   -1.48  -1.49   33.22   26.75  128.9   0.465  1443.0
 200.0   -1.43  -1.44   33.35   26.85  119.3   0.478  1443.5
 210.0   -1.35  -1.36   33.53   26.99  106.1   0.489  1444.3
 220.0   -1.19  -1.20   33.76   27.18   88.8   0.499  1445.6
 230.0   -1.00  -1.01   33.99   27.35   72.2   0.507  1447.0
 240.0   -0.79  -0.79   34.18   27.50   58.2   0.513  1448.4
 250.0   -0.63  -0.64   34.29   27.58   50.8   0.519  1449.4
 260.0   -0.51  -0.52   34.38   27.65   44.5   0.524  1450.3
 270.0   -0.40  -0.40   34.45   27.71   39.4   0.528  1451.1
 280.0   -0.29  -0.30   34.50   27.74   36.0   0.532  1451.8
 290.0   -0.21  -0.23   34.55   27.77   33.1   0.535  1452.4
 300.0   -0.13  -0.15   34.59   27.80   30.3   0.538  1453.0
 310.0   -0.04  -0.05   34.64   27.84   27.3   0.541  1453.6
 320.0    0.02   0.01   34.67   27.86   25.0   0.544  1454.1
 330.0    0.07   0.06   34.69   27.88   23.6   0.546  1454.6
 340.0    0.12   0.11   34.72   27.89   22.3   0.549  1455.0
 350.0    0.16   0.15   34.73   27.90   21.2   0.551  1455.4
 370.0    0.24   0.22   34.76   27.92   19.2   0.555  1456.1
 390.0    0.28   0.26   34.79   27.94   17.8   0.559  1456.6
 410.0    0.34   0.32   34.81   27.95   16.6   0.562  1457.3
 430.0    0.37   0.35   34.82   27.96   15.9   0.566  1457.7
 450.0    0.39   0.37   34.83   27.97   15.4   0.569  1458.2
 470.0    0.41   0.39   34.84   27.97   14.9   0.572  1458.6
 490.0    0.43   0.41   34.84   27.98   14.6   0.575  1459.1
 510.0    0.44   0.42   34.85   27.98   14.4   0.578  1459.4
 530.0    0.44   0.42   34.85   27.98   14.4   0.581  1459.8
 550.0    0.42   0.39   34.85   27.98   14.2   0.584  1460.0
 570.0    0.41   0.38   34.85   27.98   14.4   0.586  1460.3
 590.0    0.39   0.36   34.84   27.98   14.6   0.589  1460.5

                        DEPTH      TEMP.      SALIN

      BOT NUM = 1         3.1      -1.54
      BOT NUM = 2        38.1                 30.75
      BOT NUM = 3       246.9      -0.65      34.29
      BOT NUM = 4       496.9       0.45      34.83
      BOT NUM = 5       594.9       0.40      34.84
```

```
BIG BEAR STATION 444(1) CTD    6/AUG/1975  400 GMT  CODE = 2
LAT = 75.0325N LNG = 142.7498W LTER =      1, LGER =      2,
AIR TEMP =   -0.8 BAROM = 1004.8 WIND = 269.8 SPEED =  43.7

DEPTH    TEMP  PTEMP   SALIN   SIG T  SPVUL   DYNHT   SOUND

  0.0
  5.0
 10.0
 15.0
 20.0
 25.0
 30.0
 32.3   -1.51  -1.51   29.84   24.02  389.9   0.000  1435.5
 35.0   -1.48  -1.48   29.88   24.05  387.0   0.011  1435.7
 40.0   -1.45  -1.46   30.27   24.36  356.9   0.029  1436.5
 45.0   -1.51  -1.51   30.52   24.57  337.5   0.047  1436.6
 50.0   -1.52  -1.52   30.61   24.63  330.9   0.064  1436.8
 55.0   -1.54  -1.54   30.74   24.74  320.5   0.080  1437.0
 60.0   -1.54  -1.55   30.98   24.94  302.0   0.096  1437.4
 65.0   -1.55  -1.55   31.18   25.10  286.3   0.111  1437.7
 70.0   -1.57  -1.57   31.29   25.19  277.6   0.125  1437.9
 80.0   -1.41  -1.41   31.56   25.40  257.6   0.152  1439.2
 90.0   -1.27  -1.27   31.84   25.63  236.3   0.177  1440.4
100.0   -1.27  -1.27   32.11   25.84  215.8   0.200  1440.9
110.0   -1.33  -1.34   32.26   25.96  204.1   0.221  1441.0
120.0   -1.40  -1.41   32.42   26.10  191.1   0.241  1441.0
130.0   -1.44  -1.44   32.54   26.20  182.0   0.260  1441.2
140.0   -1.47  -1.48   32.62   26.26  175.7   0.278  1441.3
150.0   -1.49  -1.50   32.75   26.37  165.6   0.295  1441.6
160.0   -1.51  -1.52   32.85   26.45  157.7   0.311  1441.8
170.0   -1.52  -1.52   32.92   26.51  152.2   0.327  1442.0
180.0   -1.52  -1.52   33.05   26.61  142.4   0.342  1442.4
190.0   -1.50  -1.50   33.18   26.72  132.1   0.355  1442.8
200.0   -1.46  -1.46   33.29   26.80  124.3   0.368  1443.3
210.0   -1.38  -1.38   33.45   26.93  111.8   0.380  1444.1
220.0   -1.23  -1.24   33.65   27.09   96.8   0.391  1445.2
230.0   -1.06  -1.07   33.89   27.28   79.4   0.400  1446.5
240.0   -0.91  -0.92   34.06   27.41   66.9   0.407  1447.6
250.0   -0.70  -0.71   34.23   27.54   54.7   0.413  1449.0
260.0   -0.59  -0.60   34.30   27.59   50.1   0.419  1449.8
270.0   -0.48  -0.49   34.39   27.66   43.5   0.423  1450.6
280.0   -0.35  -0.36   34.46   27.71   38.7   0.427  1451.5
290.0   -0.23  -0.24   34.53   27.76   34.7   0.431  1452.3
300.0   -0.12  -0.14   34.58   27.79   31.2   0.434  1453.0
310.0   -0.05  -0.06   34.62   27.82   28.7   0.437  1453.6
320.0    0.01   0.00   34.65   27.84   26.5   0.440  1454.0
330.0    0.07   0.06   34.68   27.86   24.9   0.443  1454.5
340.0    0.12   0.10   34.70   27.88   23.4   0.445  1454.9
350.0    0.16   0.15   34.72   27.89   22.0   0.448  1455.3
370.0    0.24   0.22   34.75   27.91   20.2   0.452  1456.1
390.0    0.30   0.28   34.78   27.93   18.5   0.456  1456.7
410.0    0.34   0.32   34.80   27.94   17.4   0.459  1457.3
430.0    0.38   0.36   34.81   27.95   16.6   0.463  1457.8
450.0    0.40   0.38   34.82   27.96   16.2   0.466  1458.2
470.0    0.43   0.41   34.83   27.97   15.7   0.469  1458.7
490.0    0.44   0.42   34.84   27.97   15.2   0.472  1459.1
510.0    0.44   0.42   34.84   27.97   15.2   0.476  1459.4
530.0    0.44   0.42   34.84   27.97   15.1   0.479  1459.8
550.0    0.43   0.40   34.84   27.97   15.0   0.482  1460.0
570.0    0.41   0.39   34.84   27.98   14.8   0.485  1460.3
590.0    0.39   0.37   34.84   27.97   15.0   0.488  1460.5

                        DEPTH      TEMP.      SALIN

      BOT NUM = 1         3.1      -1.53      29.80
      BOT NUM = 2        38.9                 30.65
      BOT NUM = 3       247.2      -0.68      34.28
      BOT NUM = 4       497.8       0.44      34.84
      BOT NUM = 5       592.2       0.39
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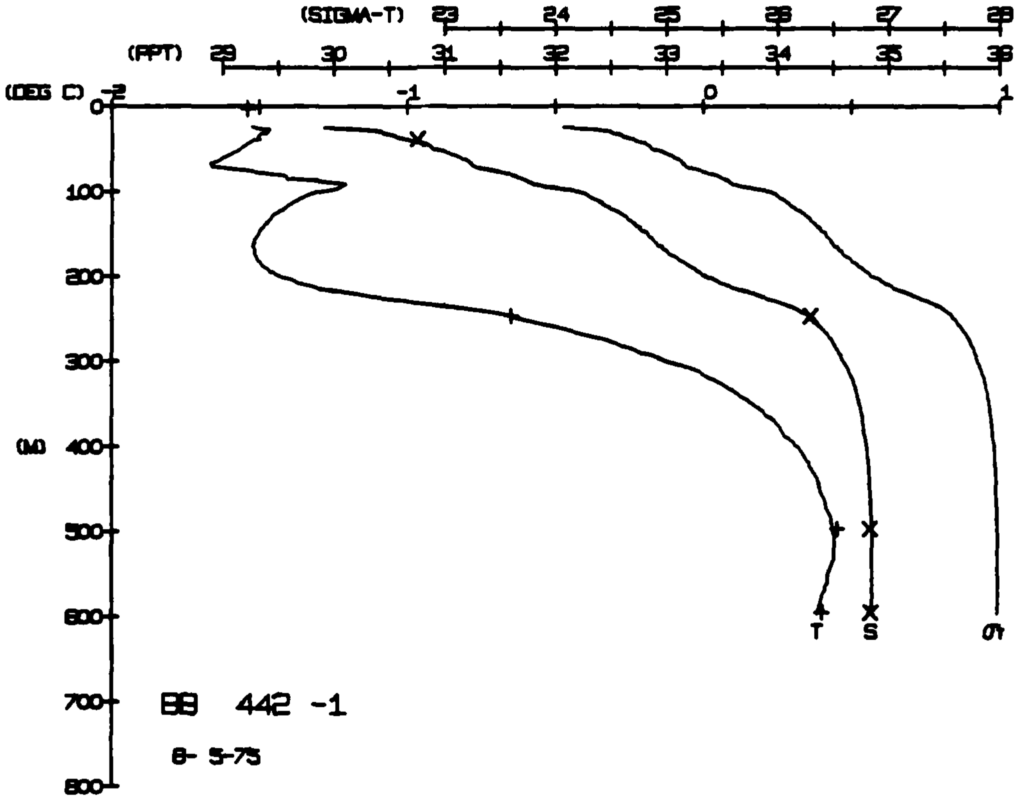

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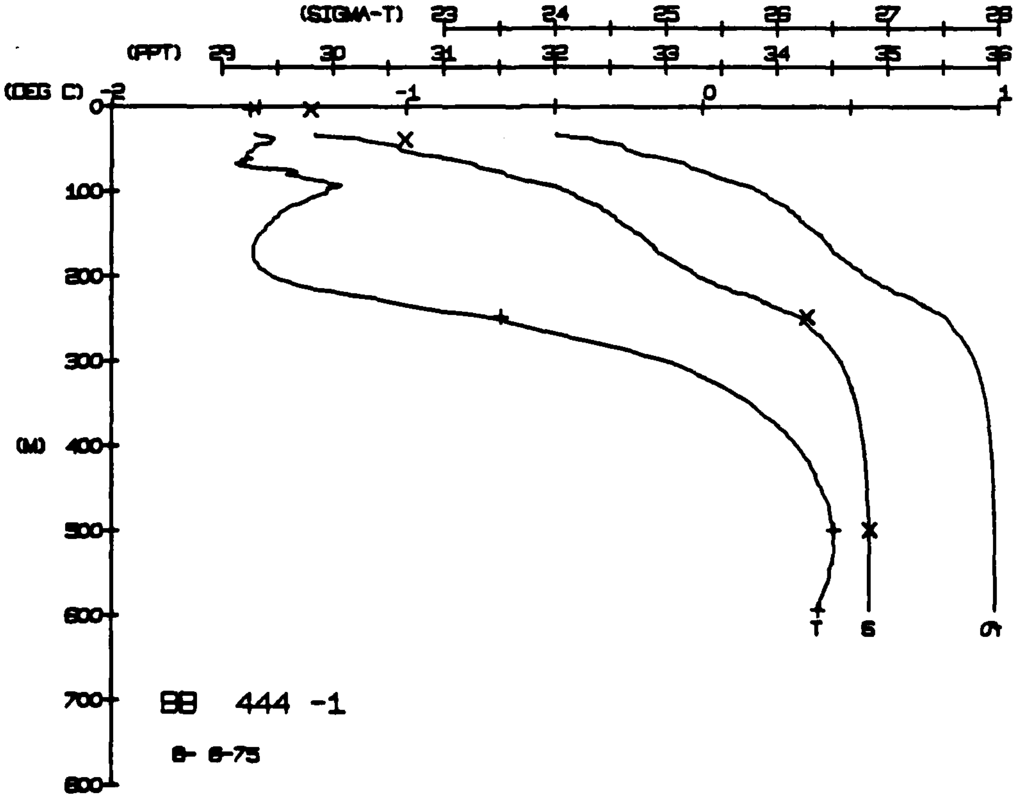
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
T
S
σt
BB 442 -1
8- 5-75



(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
T
S
σt
BB 444 -1
8- 6-75

```
BIG BEAR STATION 446(1) CTD   6/AUG/1975 1700 GMT  CODE = 2
LAT = 75.0129N LNG = 142.7001W LTER =      0, LGER =      0,
AIR TEMP =  -0.8 BAROM = 1008.5 WIND = 269.8 SPEED =  43.7

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0   -1.53  -1.53  29.82  24.00  392.2  0.000  1434.8
   5.0   -1.53  -1.53  29.82  24.00  392.2  0.020  1434.9
  10.0   -1.53  -1.53  29.82  24.00  392.1  0.039  1435.0
  15.0   -1.53  -1.53  29.82  24.00  392.0  0.059  1435.1
  20.0   -1.53  -1.53  29.82  24.00  392.0  0.079  1435.1
  25.0   -1.53  -1.53  29.82  24.00  391.9  0.099  1435.2
  28.1   -1.53  -1.53  29.82  24.00  391.9  0.111  1435.3
  30.0   -1.50  -1.50  29.84  24.01  390.2  0.118  1435.5
  35.0   -1.47  -1.47  30.31  24.40  353.7  0.137  1436.4
  40.0   -1.51  -1.51  30.55  24.59  335.7  0.155  1436.6
  45.0   -1.54  -1.54  30.65  24.67  327.5  0.171  1436.7
  50.0   -1.54  -1.54  30.78  24.78  317.5  0.187  1436.9
  55.0   -1.55  -1.55  30.98  24.93  301.2  0.203  1437.3
  60.0   -1.60  -1.60  31.15  25.08  288.7  0.218  1437.3
  65.0   -1.61  -1.61  31.26  25.17  280.3  0.232  1437.5
  70.0   -1.61  -1.61  31.35  25.24  273.5  0.246  1437.7
  80.0   -1.41  -1.41  31.63  25.46  252.2  0.273  1439.2
  90.0   -1.30  -1.30  31.84  25.63  236.2  0.297  1440.2
 100.0   -1.29  -1.29  32.12  25.85  214.9  0.320  1440.8
 110.0   -1.36  -1.36  32.31  26.01  200.1  0.341  1440.9
 120.0   -1.41  -1.42  32.44  26.12  189.5  0.361  1441.0
 130.0   -1.46  -1.46  32.55  26.20  181.1  0.379  1441.1
 140.0   -1.48  -1.48  32.67  26.30  172.0  0.397  1441.4
 150.0   -1.50  -1.51  32.80  26.41  161.8  0.414  1441.6
 160.0   -1.52  -1.52  32.89  26.48  154.5  0.430  1441.8
 170.0   -1.52  -1.52  32.98  26.56  147.5  0.445  1442.1
 180.0   -1.51  -1.51  33.09  26.64  139.5  0.460  1442.5
 190.0   -1.49  -1.49  33.19  26.72  131.8  0.473  1442.9
 200.0   -1.43  -1.44  33.35  26.85  119.4  0.486  1443.6
 210.0   -1.35  -1.35  33.50  26.97  108.4  0.498  1444.3
 220.0   -1.21  -1.22  33.68  27.11   95.0  0.508  1445.4
 230.0   -1.03  -1.03  33.92  27.30   77.2  0.516  1446.7
 240.0   -0.84  -0.85  34.10  27.44   64.2  0.524  1448.0
 250.0   -0.65  -0.66  34.26  27.56   52.6  0.530  1449.3
 260.0   -0.53  -0.54  34.35  27.63   46.6  0.535  1450.1
 270.0   -0.44  -0.45  34.42  27.68   41.7  0.539  1450.8
 280.0   -0.32  -0.33  34.49  27.73   36.9  0.543  1451.6
 290.0   -0.22  -0.23  34.55  27.77   33.0  0.546  1452.4
 300.0   -0.12  -0.13  34.60  27.81   29.8  0.550  1453.0
 310.0   -0.02  -0.04  34.63  27.83   27.8  0.553  1453.7
 320.0    0.04   0.02  34.66  27.85   25.7  0.555  1454.2
 330.0    0.08   0.07  34.69  27.87   24.2  0.558  1454.6
 340.0    0.13   0.12  34.71  27.89   22.8  0.560  1455.0
 350.0    0.17   0.16  34.73  27.90   21.7  0.562  1455.4
 370.0    0.24   0.22  34.76  27.92   19.6  0.567  1456.1
 390.0    0.30   0.28  34.78  27.94   18.3  0.570  1456.7
 410.0    0.34   0.33  34.80  27.95   17.0  0.574  1457.3
 430.0    0.38   0.36  34.81  27.96   16.5  0.577  1457.8
 450.0    0.40   0.38  34.82  27.96   16.0  0.581  1458.2
 470.0    0.43   0.41  34.83  27.97   15.4  0.584  1458.7
 490.0    0.44   0.42  34.84  27.97   15.1  0.587  1459.1
 510.0    0.44   0.42  34.84  27.98   14.8  0.590  1459.4
 530.0    0.44   0.41  34.84  27.98   14.7  0.593  1459.8
 550.0    0.43   0.40  34.84  27.98   14.6  0.596  1460.0
 570.0    0.41   0.39  34.84  27.98   14.7  0.599  1460.3
 590.0    0.39   0.37  34.84  27.98   14.8  0.602  1460.5

                           DEPTH      TEMP.      SALIN

         BOT NUM = 1         3.1      -1.54      29.79
         BOT NUM = 2        37.2                 30.73
         BOT NUM = 3       242.6      -0.67      34.28
         BOT NUM = 4       496.8       0.44      34.84
         BOT NUM = 5       591.9       0.41      34.84
```

```
BIG BEAR STATION 448(2) CTD   7/AUG/1975  450 GMT  CODE = 2
LAT = 74.9967N LNG = 142.6387W LTER =      2, LGER =      3,
AIR TEMP =  -0.2 BAROM = 1010.1 WIND = 264.5 SPEED =  30.8

DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.51  -1.51  29.86  24.03  389.2  0.000  1435.0
   5.0  -1.51  -1.51  29.86  24.03  389.2  0.020  1435.0
  10.0  -1.51  -1.51  29.86  24.03  389.1  0.039  1435.1
  15.0  -1.51  -1.51  29.86  24.03  389.0  0.059  1435.2
  20.0  -1.51  -1.51  29.86  24.03  389.0  0.078  1435.3
  22.3  -1.51  -1.51  29.86  24.03  389.0  0.087  1435.3
  25.0  -1.47  -1.47  29.93  24.09  383.0  0.098  1435.7
  30.0  -1.50  -1.50  30.54  24.58  335.9  0.116  1436.5
  35.0  -1.52  -1.52  30.71  24.72  323.4  0.133  1436.7
  40.0  -1.54  -1.54  30.80  24.79  315.8  0.149  1436.8
  45.0  -1.58  -1.58  31.04  24.99  297.3  0.164  1437.1
  50.0  -1.62  -1.62  31.21  25.13  284.2  0.179  1437.2
  55.0  -1.63  -1.63  31.23  25.15  281.5  0.193  1437.3
  60.0  -1.65  -1.65  31.28  25.18  278.5  0.207  1437.3
  65.0  -1.65  -1.66  31.31  25.21  276.1  0.221  1437.4
  70.0  -1.65  -1.65  31.35  25.24  273.4  0.235  1437.5
  80.0  -1.61  -1.62  31.51  25.37  260.6  0.262  1438.1
  90.0  -1.28  -1.29  31.78  25.58  240.8  0.287  1440.2
 100.0  -1.30  -1.30  32.17  25.90  210.6  0.310  1440.9
 110.0  -1.38  -1.38  32.36  26.05  195.7  0.330  1440.9
 120.0  -1.42  -1.42  32.49  26.15  185.9  0.350  1441.1
 130.0  -1.46  -1.46  32.60  26.25  177.1  0.368  1441.2
 140.0  -1.48  -1.49  32.70  26.33  169.4  0.385  1441.4
 150.0  -1.50  -1.51  32.82  26.42  160.3  0.402  1441.6
 160.0  -1.52  -1.52  32.91  26.50  153.1  0.418  1441.9
 170.0  -1.51  -1.52  33.02  26.59  144.2  0.433  1442.2
 180.0  -1.50  -1.51  33.13  26.68  136.1  0.447  1442.6
 190.0  -1.48  -1.48  33.25  26.77  127.1  0.460  1443.0
 200.0  -1.40  -1.41  33.40  26.89  115.8  0.473  1443.8
 210.0  -1.30  -1.31  33.57  27.03  102.6  0.484  1444.6
 220.0  -1.14  -1.15  33.80  27.21   86.0  0.493  1445.9
 230.0  -0.97  -0.98  34.00  27.36   71.2  0.501  1447.1
 240.0  -0.76  -0.77  34.19  27.51   57.3  0.508  1448.5
 250.0  -0.61  -0.62  34.30  27.59   50.1  0.513  1449.6
 260.0  -0.48  -0.49  34.39  27.66   43.8  0.518  1450.5
 270.0  -0.36  -0.37  34.47  27.72   38.4  0.522  1451.3
 280.0  -0.25  -0.26  34.53  27.76   34.4  0.526  1452.0
 290.0  -0.16  -0.17  34.58  27.80   30.9  0.529  1452.7
 300.0  -0.07  -0.08  34.62  27.83   28.3  0.532  1453.3
 310.0   0.00  -0.02  34.66  27.85   25.8  0.535  1453.8
 320.0   0.07   0.05  34.70  27.88   23.4  0.537  1454.4
 330.0   0.12   0.10  34.72  27.89   22.0  0.539  1454.8
 340.0   0.16   0.15  34.74  27.91   20.8  0.541  1455.2
 350.0   0.20   0.19  34.76  27.92   19.7  0.544  1455.6
 370.0   0.26   0.25  34.78  27.94   18.0  0.547  1456.2
 390.0   0.32   0.30  34.80  27.95   16.9  0.551  1456.8
 410.0   0.35   0.33  34.82  27.96   16.0  0.554  1457.3
 430.0   0.38   0.36  34.83  27.97   15.4  0.557  1457.8
 450.0   0.41   0.39  34.84  27.97   14.9  0.560  1458.3
 470.0   0.43   0.41  34.85  27.98   14.3  0.563  1458.7
 490.0   0.44   0.42  34.85  27.98   14.2  0.566  1459.1
 510.0   0.45   0.43  34.85  27.98   14.1  0.569  1459.5
 530.0   0.44   0.42  34.85  27.98   13.9  0.572  1459.8
 550.0   0.44   0.41  34.85  27.98   14.0  0.575  1460.1
 570.0   0.42   0.39  34.85  27.98   14.0  0.578  1460.3
 590.0   0.40   0.37  34.85  27.98   14.3  0.580  1460.6

                           DEPTH      TEMP.      SALIN

         BOT NUM = 1         3.1      -1.52      29.78
         BOT NUM = 2        37.7                 30.87
         BOT NUM = 3       244.1                 34.27
         BOT NUM = 4       497.9       0.44      34.83
         BOT NUM = 5       591.6       0.40      34.85
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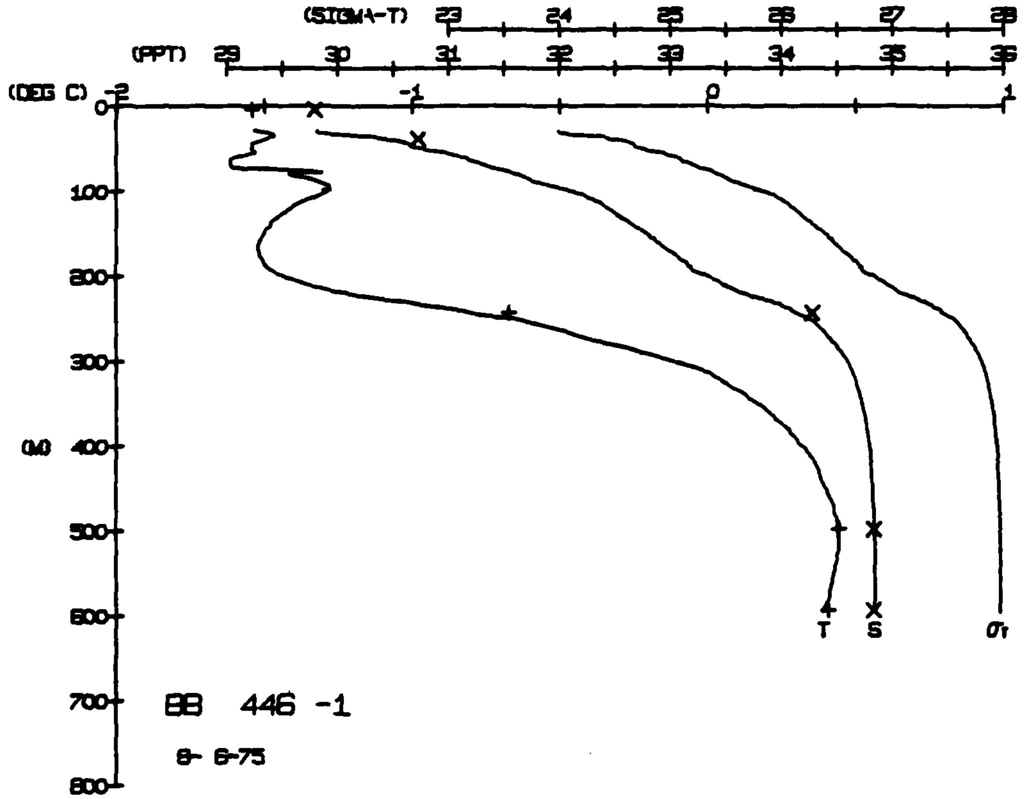
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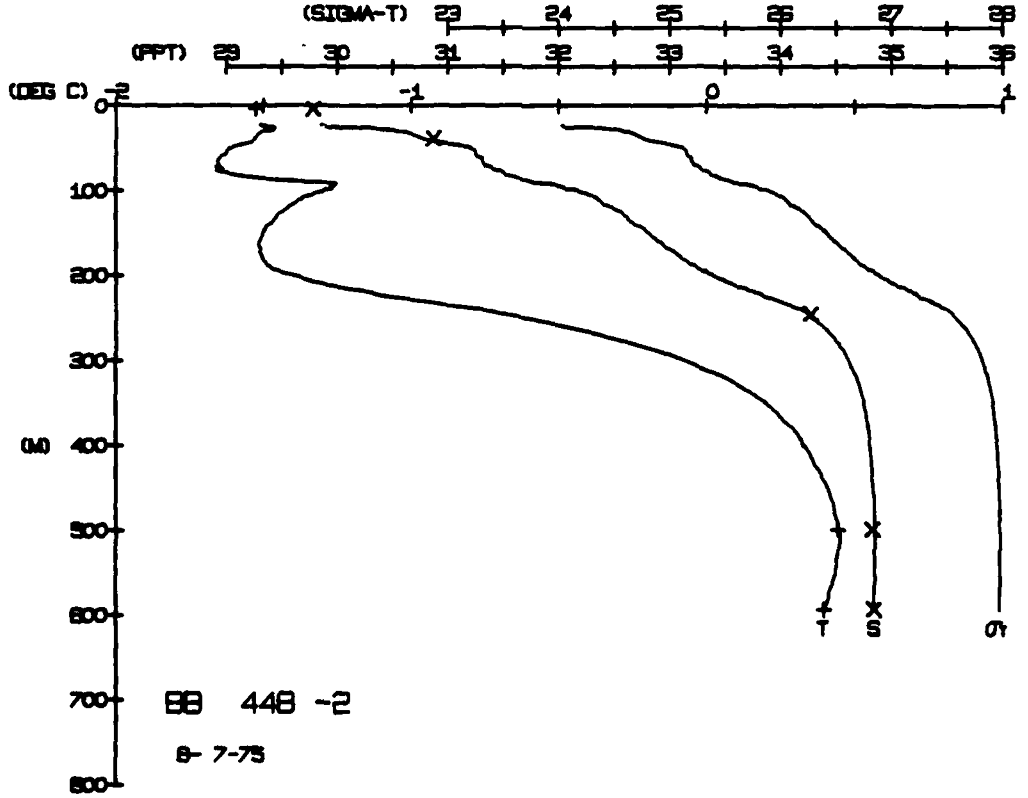
(M) 0 100 200 300 400 500 600 700 800
T S σT
BB 446 -1
8- 6-75


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
T S σT
BB 448 -2
8- 7-75

BIG BEAR STATION 450(1) CTD 7/AUG/1975 1720 GMT CODE = 2
LAT = 74.9044N LNG = 142.6039W LTER = 407, LGER = 387,
AIR TEMP = -0.2 BAROM = 1009.9 WIND = 264.5 SPEED = 30.8

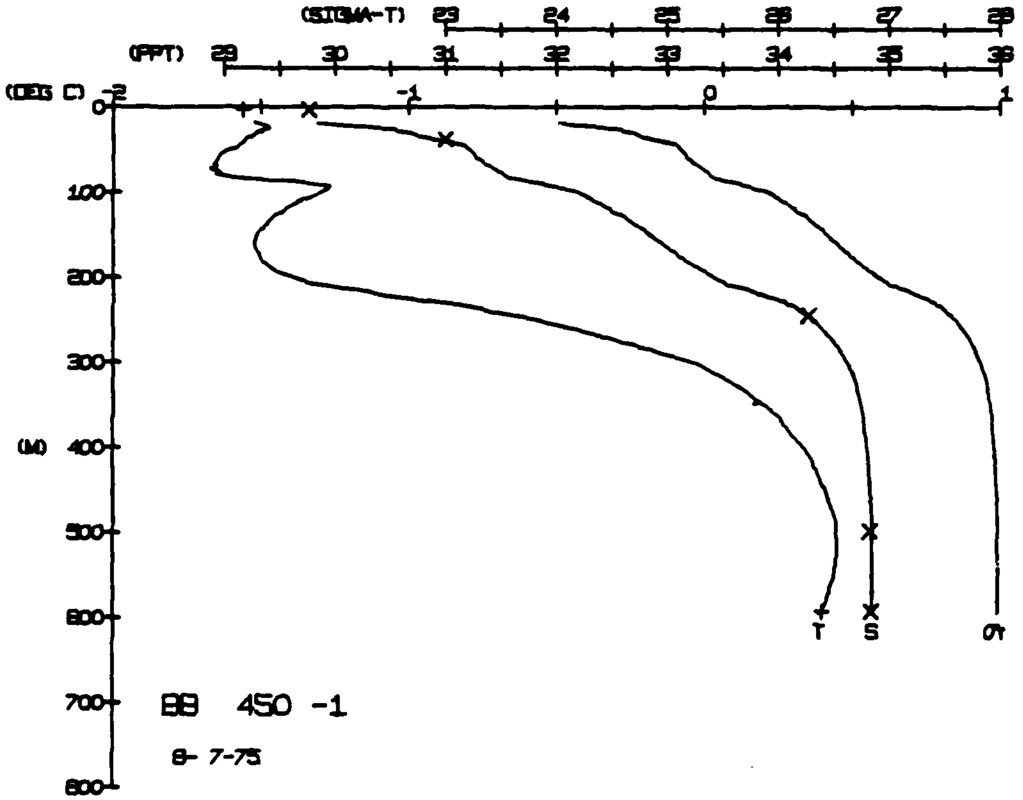
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.52	-1.52	29.85	24.02	390.0	0.000	1434.9
5.0	-1.52	-1.52	29.85	24.02	389.9	0.020	1435.0
10.0	-1.52	-1.52	29.85	24.02	389.8	0.039	1435.1
15.0	-1.52	-1.52	29.85	24.02	389.8	0.059	1435.2
18.6	-1.52	-1.52	29.85	24.02	389.7	0.073	1435.2
20.0	-1.51	-1.51	29.91	24.07	384.5	0.078	1435.4
25.0	-1.48	-1.48	30.48	24.53	340.9	0.097	1436.4
30.0	-1.51	-1.51	30.66	24.68	327.2	0.114	1436.6
35.0	-1.53	-1.54	30.79	24.78	316.9	0.130	1436.7
40.0	-1.56	-1.56	30.96	24.92	303.7	0.145	1437.0
45.0	-1.57	-1.58	31.16	25.08	288.5	0.160	1437.2
50.0	-1.60	-1.61	31.21	25.12	284.3	0.175	1437.2
55.0	-1.64	-1.64	31.25	25.16	280.9	0.189	1437.2
60.0	-1.64	-1.65	31.27	25.17	279.5	0.203	1437.3
65.0	-1.65	-1.65	31.34	25.23	274.1	0.217	1437.4
70.0	-1.65	-1.65	31.41	25.29	268.7	0.231	1437.6
80.0	-1.64	-1.64	31.54	25.39	258.8	0.257	1438.0
90.0	-1.32	-1.32	31.88	25.66	232.8	0.282	1440.2
100.0	-1.30	-1.30	32.18	25.90	209.9	0.304	1440.9
110.0	-1.36	-1.37	32.33	26.02	198.6	0.325	1440.9
120.0	-1.42	-1.42	32.49	26.15	185.9	0.344	1441.1
130.0	-1.46	-1.47	32.62	26.27	175.4	0.363	1441.2
140.0	-1.49	-1.49	32.73	26.35	167.7	0.380	1441.4
150.0	-1.51	-1.52	32.85	26.45	158.1	0.396	1441.6
160.0	-1.52	-1.53	32.95	26.53	149.6	0.412	1441.9
170.0	-1.51	-1.52	33.05	26.61	142.3	0.427	1442.2
180.0	-1.50	-1.50	33.16	26.70	134.2	0.441	1442.6
190.0	-1.46	-1.47	33.28	26.80	124.4	0.454	1443.1
200.0	-1.40	-1.40	33.43	26.91	113.8	0.466	1443.8
210.0	-1.29	-1.29	33.60	27.05	101.1	0.476	1444.7
220.0	-1.11	-1.11	33.84	27.24	82.6	0.486	1446.1
230.0	-0.90	-0.91	34.06	27.41	66.8	0.493	1447.5
240.0	-0.74	-0.74	34.20	27.52	56.8	0.500	1448.7
250.0	-0.58	-0.58	34.32	27.61	48.5	0.505	1449.7
260.0	-0.45	-0.46	34.40	27.66	43.2	0.509	1450.6
270.0	-0.34	-0.35	34.47	27.72	38.4	0.514	1451.3
280.0	-0.24	-0.25	34.53	27.76	34.2	0.517	1452.1
290.0	-0.15	-0.16	34.58	27.80	31.0	0.521	1452.7
300.0	-0.05	-0.06	34.62	27.82	28.3	0.524	1453.4
310.0	0.02	0.00	34.66	27.85	25.9	0.526	1453.9
320.0	0.07	0.06	34.69	27.87	23.8	0.529	1454.4
330.0	0.12	0.11	34.71	27.89	22.5	0.531	1454.8
340.0	0.16	0.15	34.73	27.90	21.3	0.533	1455.2
350.0	0.20	0.19	34.75	27.91	20.3	0.535	1455.6
370.0	0.26	0.25	34.77	27.93	18.7	0.539	1456.2
390.0	0.31	0.30	34.80	27.94	17.4	0.543	1456.8
410.0	0.35	0.34	34.81	27.95	16.6	0.546	1457.3
430.0	0.38	0.36	34.82	27.96	16.0	0.550	1457.8
450.0	0.41	0.39	34.83	27.97	15.3	0.553	1458.3
470.0	0.43	0.41	34.84	27.97	14.8	0.556	1458.7
490.0	0.44	0.42	34.85	27.98	14.5	0.559	1459.1
510.0	0.45	0.43	34.85	27.98	14.2	0.562	1459.5
530.0	0.45	0.42	34.85	27.98	14.1	0.565	1459.8
550.0	0.44	0.42	34.85	27.98	14.1	0.568	1460.1
570.0	0.42	0.40	34.85	27.98	14.1	0.570	1460.4
590.0	0.40	0.37	34.85	27.98	14.2	0.573	1460.6
593.3	0.39	0.36	34.84	27.98	14.4	0.574	1460.6

	DEPTH	TEMP.	SALIN
BOT NUM = 1	3.1	-1.56	29.76
BOT NUM = 2	37.9		31.00
BOT NUM = 3	244.8		34.27
BOT NUM = 4	497.6		34.83
BOT NUM = 5	591.3	0.40	34.84

BIG BEAR STATION 451(2) CTD 8/AUG/1975 353 GMT CODE = 2
LAT = 74.9760N LNG = 142.5553W LTER = 71, LGER = 83,
AIR TEMP = -0.1 BAROM = 1009.3 WIND = 231.6 SPEED = 39.5

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.52	-1.52	29.79	23.98	394.3	0.000	1434.8
5.0	-1.52	-1.52	29.79	23.98	394.2	0.020	1434.9
10.0	-1.52	-1.52	29.79	23.98	394.2	0.040	1435.0
15.0	-1.52	-1.52	29.79	23.98	394.1	0.060	1435.1
20.0	-1.52	-1.52	29.79	23.98	394.0	0.079	1435.2
20.9	-1.52	-1.52	29.79	23.98	394.0	0.083	1435.2
25.0	-1.47	-1.47	29.99	24.14	378.8	0.099	1435.7
30.0	-1.51	-1.51	30.53	24.57	337.3	0.117	1436.4
35.0	-1.53	-1.53	30.69	24.70	324.9	0.134	1436.6
40.0	-1.55	-1.55	30.82	24.81	314.7	0.150	1436.8
45.0	-1.57	-1.57	30.97	24.93	302.9	0.165	1437.0
50.0	-1.58	-1.59	31.12	25.05	291.5	0.180	1437.2
55.0	-1.61	-1.61	31.21	25.13	283.9	0.195	1437.3
60.0	-1.64	-1.64	31.24	25.15	281.9	0.209	1437.3
65.0	-1.66	-1.66	31.29	25.19	278.1	0.223	1437.3
70.0	-1.66	-1.67	31.33	25.22	274.9	0.237	1437.4
80.0	-1.66	-1.67	31.48	25.34	263.3	0.264	1437.8
90.0	-1.55	-1.55	31.63	25.46	251.8	0.290	1438.8
100.0	-1.28	-1.28	32.03	25.78	221.6	0.314	1440.7
110.0	-1.36	-1.36	32.30	26.00	200.8	0.335	1440.9
120.0	-1.40	-1.40	32.42	26.10	191.3	0.355	1441.1
130.0	-1.46	-1.46	32.60	26.24	177.5	0.374	1441.2
140.0	-1.49	-1.49	32.72	26.34	167.9	0.391	1441.4
150.0	-1.51	-1.51	32.80	26.41	161.7	0.408	1441.6
160.0	-1.51	-1.52	32.87	26.47	155.8	0.424	1441.8
170.0	-1.52	-1.52	32.99	26.56	147.1	0.439	1442.1
180.0	-1.51	-1.51	33.12	26.67	136.6	0.453	1442.5
190.0	-1.48	-1.48	33.21	26.74	130.0	0.467	1443.0
200.0	-1.43	-1.43	33.34	26.84	120.3	0.479	1443.5
210.0	-1.35	-1.35	33.51	26.98	107.3	0.491	1444.3
220.0	-1.23	-1.23	33.68	27.11	94.7	0.501	1445.3
230.0	-1.00	-1.01	33.97	27.34	73.7	0.510	1446.9
240.0	-0.85	-0.85	34.13	27.46	62.1	0.516	1448.0
250.0	-0.64	-0.65	34.28	27.57	51.5	0.522	1449.4
260.0	-0.51	-0.52	34.37	27.64	45.0	0.527	1450.3
270.0	-0.38	-0.39	34.46	27.71	39.2	0.531	1451.2
280.0	-0.28	-0.29	34.52	27.76	34.7	0.535	1451.9
290.0	-0.18	-0.19	34.57	27.79	31.5	0.538	1452.6
300.0	-0.08	-0.09	34.61	27.82	28.9	0.541	1453.3
310.0	-0.01	-0.03	34.65	27.84	26.7	0.544	1453.8
320.0	0.04	0.03	34.68	27.87	24.5	0.547	1454.2
330.0	0.10	0.09	34.71	27.88	22.9	0.549	1454.7
340.0	0.15	0.14	34.73	27.90	21.3	0.551	1455.1
350.0	0.19	0.18	34.75	27.91	20.2	0.554	1455.5
370.0	0.25	0.24	34.77	27.93	18.6	0.557	1456.2
390.0	0.31	0.30	34.79	27.94	17.5	0.561	1456.8
410.0	0.36	0.34	34.81	27.96	16.3	0.565	1457.4
430.0	0.39	0.37	34.82	27.96	15.8	0.568	1457.8
450.0	0.40	0.38	34.83	27.97	15.3	0.571	1458.2
470.0	0.42	0.40	34.84	27.97	14.8	0.574	1458.7
490.0	0.44	0.42	34.85	27.98	14.5	0.577	1459.1
510.0	0.45	0.43	34.85	27.98	14.4	0.580	1459.5
530.0	0.45	0.42	34.85	27.98	14.3	0.583	1459.8
550.0	0.44	0.41	34.85	27.98	14.2	0.586	1460.1
570.0	0.42	0.39	34.85	27.98	14.3	0.589	1460.3
590.0	0.40	0.37	34.84	27.98	14.6	0.591	1460.6
593.3	0.39	0.37	34.84	27.98	14.7	0.592	1460.6

	DEPTH	TEMP.	SALIN
BOT NUM = 1	3.1		29.75
BOT NUM = 2	37.9		31.01
BOT NUM = 3	245.0	-0.70	34.26
BOT NUM = 4	497.5	0.45	34.83
BOT NUM = 5	590.6	0.41	34.84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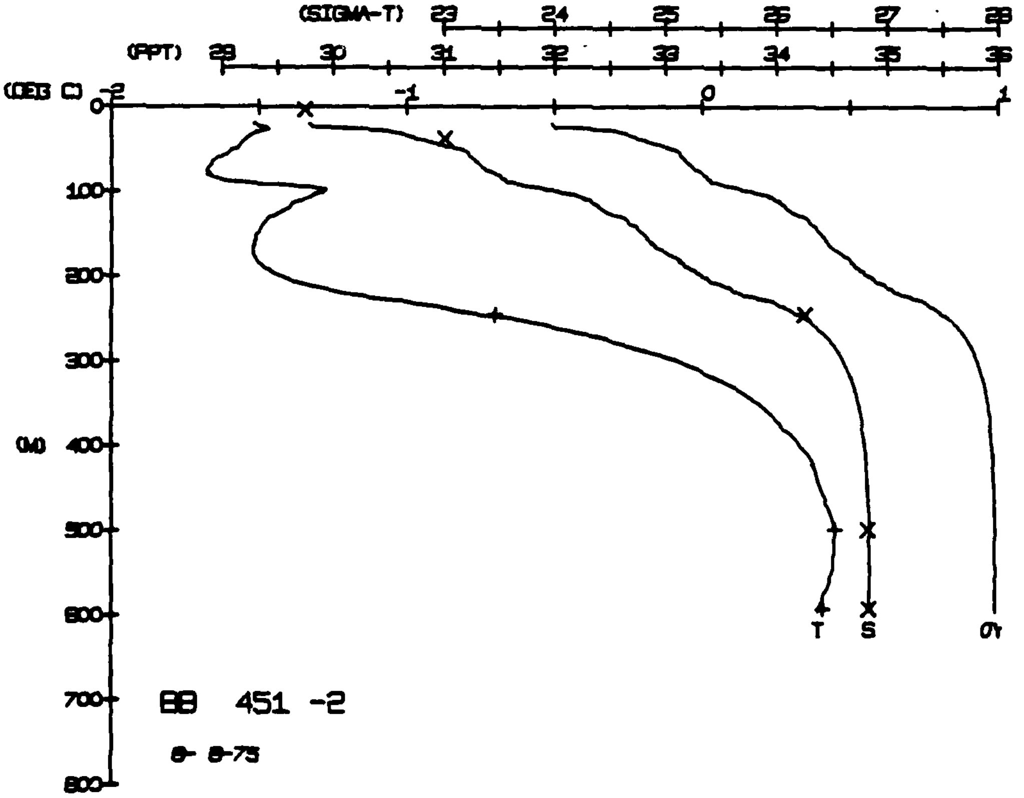
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
T S σt
BB 450 -1
8- 7-75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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
T S σt
BB 451 -2
8- 8-75

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BIG BEAR STATION 453(2) CTD   8/AUG/1975 1657 GMT  CODE = 2
LAT = 74.9804N LNG = 142.4345W LTER =      1. LGER =      2.
AIR TEMP =  -0.1 BAROM = 1002.4 WIND = 231.6 SPEED =  39.5

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.50   -1.50   29.82   24.00   392.0   0.000  1435.0
   5.0   -1.50   -1.50   29.82   24.00   391.9   0.020  1435.0
  10.0   -1.50   -1.50   29.82   24.00   391.9   0.039  1435.1
  15.0   -1.50   -1.50   29.82   24.00   391.8   0.059  1435.2
  20.0   -1.50   -1.50   29.82   24.00   391.7   0.079  1435.3
  25.0   -1.50   -1.50   29.82   24.00   391.7   0.099  1435.4
  28.1   -1.50   -1.50   29.82   24.00   391.6   0.111  1435.4
  30.0   -1.47   -1.47   29.94   24.10   382.3   0.118  1435.6
  35.0   -1.47   -1.47   30.36   24.43   350.3   0.137  1436.4
  40.0   -1.49   -1.49   30.58   24.61   332.9   0.154  1436.7
  45.0   -1.51   -1.52   30.71   24.72   323.2   0.170  1436.9
  50.0   -1.54   -1.54   30.95   24.91   304.8   0.186  1437.2
  55.0   -1.59   -1.59   31.13   25.06   290.7   0.201  1437.3
  60.0   -1.61   -1.61   31.22   25.14   283.1   0.216  1437.4
  65.0   -1.62   -1.62   31.28   25.18   279.0   0.230  1437.5
  70.0   -1.60   -1.60   31.32   25.22   275.4   0.244  1437.7
  80.0   -1.50   -1.51   31.62   25.45   252.8   0.270  1438.8
  90.0   -1.27   -1.27   31.91   25.69   230.7   0.295  1440.5
 100.0   -1.29   -1.29   32.15   25.88   212.1   0.317  1440.9
 110.0   -1.36   -1.37   32.34   26.03   197.5   0.338  1441.0
 120.0   -1.42   -1.42   32.48   26.14   186.9   0.357  1441.1
 130.0   -1.46   -1.46   32.62   26.26   176.0   0.376  1441.2
 140.0   -1.49   -1.49   32.72   26.34   167.9   0.393  1441.4
 150.0   -1.50   -1.50   32.79   26.40   162.5   0.41C  1441.6
 160.0   -1.51   -1.51   32.87   26.46   156.4   0.426  1441.8
 170.0   -1.51   -1.51   33.01   26.58   145.6   0.441  1442.2
 180.0   -1.51   -1.51   33.08   26.64   139.8   0.455  1442.5
 190.0   -1.48   -1.48   33.19   26.73   131.3   0.469  1442.9
 200.0   -1.42   -1.43   33.35   26.85   119.2   0.482  1443.6
 210.0   -1.32   -1.32   33.53   26.99   106.1   0.493  1444.5
 220.0   -1.18   -1.19   33.74   27.16    90.6   0.503  1445.6
 230.0   -1.02   -1.02   33.93   27.31    76.1   0.511  1446.8
 240.0   -0.88   -0.88   34.09   27.43    65.0   0.518  1447.8
 250.0   -0.65   -0.66   34.26   27.56    53.0   0.524  1449.3
 260.0   -0.53   -0.54   34.35   27.63    46.5   0.529  1450.2
 270.0   -0.38   -0.39   34.44   27.70    40.1   0.534  1451.1
 280.0   -0.27   -0.28   34.51   27.75    35.5   0.538  1451.9
 290.0   -0.18   -0.19   34.56   27.78    32.3   0.541  1452.6
 300.0   -0.09   -0.10   34.62   27.82    28.6   0.544  1453.2
 310.0   -0.01   -0.03   34.65   27.84    26.5   0.547  1453.8
 320.0    0.05    0.04   34.68   27.87    24.3   0.549  1454.3
 330.0    0.12    0.10   34.71   27.89    22.7   0.552  1454.8
 340.0    0.15    0.14   34.73   27.90    21.5   0.554  1455.2
 350.0    0.20    0.18   34.75   27.91    20.4   0.556  1455.5
 370.0    0.26    0.24   34.77   27.93    18.6   0.560  1456.2
 390.0    0.31    0.29   34.80   27.95    17.3   0.564  1456.8
 410.0    0.35    0.33   34.81   27.96    16.5   0.567  1457.3
 430.0    0.38    0.36   34.82   27.96    15.8   0.570  1457.8
 450.0    0.41    0.39   34.83   27.97    15.3   0.574  1458.3
 470.0    0.43    0.41   34.84   27.98    14.7   0.577  1458.7
 490.0    0.45    0.42   34.85   27.98    14.5   0.580  1459.1
 510.0    0.45    0.43   34.85   27.98    14.5   0.582  1459.5
 530.0    0.44    0.42   34.85   27.98    14.4   0.585  1459.8
 550.0    0.43    0.41   34.85   27.98    14.4   0.588  1460.1
 570.0    0.41    0.39   34.85   27.98    14.4   0.591  1460.3
 590.0    0.39    0.37   34.84   27.98    14.8   0.594  1460.5

                        DEPTH      TEMP.      SALIN

      BOT NUM = 1         3.1      -1.50      29.76
      BOT NUM = 2        38.1                 30.81
      BOT NUM = 3       244.7      -0.65      34.29
      BOT NUM = 4       490.8       0.45      34.85
      BOT NUM = 5       593.7       0.40      34.84
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BIG BEAR STATION 457(1) CTD   9/AUG/1975 1717 GMT  CODE = 2
LAT = 74.9272N LNG = 141.7975W LTER =      1. LGER =      2.
AIR TEMP =  -0.2 BAROM =  981.6 WIND = 235.6 SPEED = 105.1

DEPTH     TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.54   -1.54   29.84   24.02   390.1   0.000  1434.8
   5.0   -1.54   -1.54   29.84   24.02   390.1   0.020  1434.9
   6.9   -1.54   -1.54   29.84   24.02   390.0   0.027  1434.9
  10.0   -1.53   -1.53   29.84   24.02   390.2   0.039  1435.0
  15.0   -1.53   -1.53   29.88   24.05   387.2   0.059  1435.1
  20.0   -1.53   -1.53   29.97   24.12   380.5   0.078  1435.4
  25.0   -1.50   -1.50   30.77   24.77   318.7   0.096  1436.7
  30.0   -1.58   -1.58   31.21   25.13   284.2   0.111  1437.0
  35.0   -1.59   -1.59   31.34   25.23   274.2   0.125  1437.3
  40.0   -1.56   -1.57   31.48   25.34   263.5   0.139  1437.6
  45.0   -1.51   -1.51   31.62   25.46   252.7   0.152  1438.2
  50.0   -1.44   -1.44   31.74   25.55   244.0   0.164  1438.8
  55.0   -1.30   -1.30   31.81   25.61   238.5   0.176  1439.6
  60.0   -1.17   -1.17   31.88   25.65   234.0   0.188  1440.4
  65.0   -1.13   -1.13   31.96   25.72   227.8   0.200  1440.8
  70.0   -1.14   -1.14   32.02   25.77   222.9   0.211  1440.9
  80.0   -1.18   -1.18   32.12   25.85   215.0   0.233  1441.0
  90.0   -1.23   -1.23   32.20   25.92   208.6   0.255  1441.1
 100.0   -1.26   -1.26   32.28   25.98   202.3   0.275  1441.2
 110.0   -1.30   -1.30   32.34   26.03   197.9   0.295  1441.3
 120.0   -1.33   -1.33   32.38   26.06   194.7   0.315  1441.3
 130.0   -1.35   -1.35   32.42   26.10   191.0   0.335  1441.5
 140.0   -1.38   -1.38   32.46   26.13   188.0   0.354  1441.5
 150.0   -1.45   -1.45   32.62   26.26   175.3   0.372  1441.6
 160.0   -1.50   -1.50   32.81   26.42   160.6   0.389  1441.8
 170.0   -1.52   -1.52   32.92   26.51   152.0   0.405  1442.0
 180.0   -1.52   -1.52   33.04   26.61   142.6   0.420  1442.4
 190.0   -1.49   -1.50   33.14   26.68   135.5   0.434  1442.8
 200.0   -1.41   -1.41   33.41   26.90   115.2   0.446  1443.7
 210.0   -1.23   -1.23   33.70   27.13    93.6   0.457  1445.2
 220.0   -1.08   -1.09   33.88   27.27    80.2   0.466  1446.3
 230.0   -0.90   -0.91   34.09   27.43    65.0   0.473  1447.6
 240.0   -0.76   -0.77   34.20   27.51    57.3   0.479  1448.5
 250.0   -0.62   -0.62   34.31   27.60    49.4   0.485  1449.5
 260.0   -0.50   -0.51   34.39   27.66    43.9   0.489  1450.3
 270.0   -0.39   -0.40   34.46   27.71    39.0   0.494  1451.1
 280.0   -0.28   -0.29   34.52   27.75    34.9   0.497  1451.9
 290.0   -0.17   -0.18   34.57   27.79    31.4   0.501  1452.6
 300.0   -0.08   -0.10   34.61   27.81    29.3   0.504  1453.2
 310.0   -0.02   -0.03   34.65   27.85    26.4   0.506  1453.8
 320.0    0.04    0.02   34.68   27.87    24.5   0.509  1454.2
 330.0    0.09    0.07   34.70   27.88    23.2   0.511  1454.6
 340.0    0.13    0.12   34.72   27.90    21.6   0.514  1455.0
 350.0    0.18    0.17   34.74   27.91    20.5   0.516  1455.5
 370.0    0.26    0.24   34.77   27.93    18.7   0.520  1456.2
 390.0    0.32    0.30   34.80   27.95    17.3   0.523  1456.8
 410.0    0.35    0.34   34.81   27.96    16.4   0.527  1457.3
 430.0    0.39    0.37   34.82   27.96    15.8   0.530  1457.8
 450.0    0.41    0.39   34.83   27.97    15.3   0.533  1458.3
 470.0    0.43    0.41   34.84   27.98    14.7   0.536  1458.7
 490.0    0.44    0.42   34.85   27.98    14.3   0.539  1459.1
 510.0    0.45    0.43   34.85   27.98    14.2   0.542  1459.5
 530.0    0.45    0.42   34.85   27.98    14.2   0.545  1459.8
 550.0    0.44    0.42   34.85   27.98    14.0   0.548  1460.1
 570.0    0.42    0.39   34.85   27.98    14.2   0.551  1460.3
 590.0    0.40    0.37   34.85   27.98    14.2   0.554  1460.6

                        DEPTH      TEMP.      SALIN

      BOT NUM = 1         3.1      -1.52
      BOT NUM = 2       484.8       0.44      34.83
      BOT NUM = 3       593.0                 34.84
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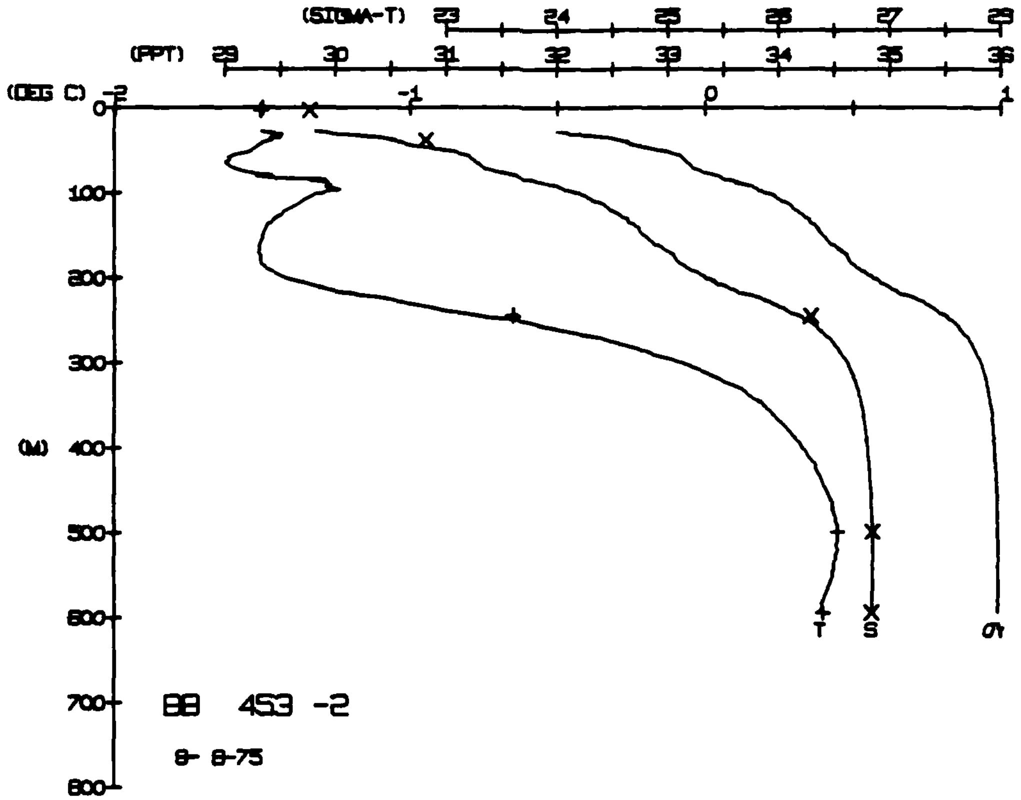
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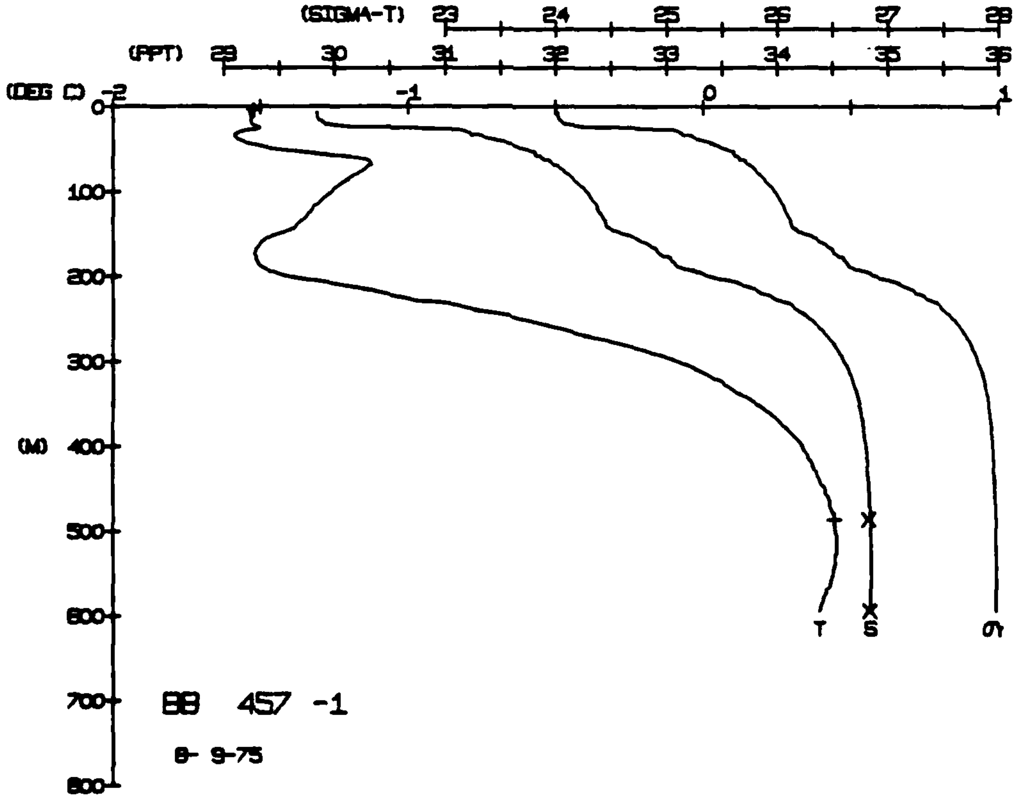
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
T
S
σt
BB 453 -2
8- 8-75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(PPT) 29 30 31 32 33 34 35 36
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0
100
200
300
(M) 400
500
600
700
800
T
S
σt
BB 457 -1
8- 9-75

```
BIG BEAR STATION 459(1) CTD  10/AUG/1975  442 GMT  CODE = 2
LAT = 74.8819N LNG = 141.6028W LTER =       0. LGER =      0.
AIR TEMP =  -0.2 BAROM =  970.6 WIND = 235.6 SPEED = 105.1

 DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.56  -1.56  29.88  24.05  387.5  0.000  1434.8
   3.1  -1.56  -1.56  29.88  24.05  387.5  0.012  1434.8
   5.0  -1.55  -1.55  29.87  24.04  387.7  0.020  1434.9
  10.0  -1.55  -1.55  29.87  24.04  388.2  0.039  1435.0
  15.0  -1.55  -1.55  29.87  24.04  387.7  0.059  1435.0
  20.0  -1.53  -1.53  30.04  24.18  374.7  0.078  1435.5
  25.0  -1.50  -1.50  30.74  24.75  320.6  0.095  1436.7
  30.0  -1.53  -1.53  30.95  24.92  304.4  0.111  1436.9
  35.0  -1.54  -1.54  31.13  25.06  290.6  0.126  1437.2
  40.0  -1.58  -1.58  31.23  25.14  282.7  0.140  1437.2
  45.0  -1.59  -1.59  31.33  25.22  274.8  0.154  1437.4
  50.0  -1.57  -1.57  31.44  25.31  266.6  0.168  1437.7
  55.0  -1.49  -1.49  31.62  25.45  252.9  0.181  1438.4
  60.0  -1.45  -1.45  31.75  25.56  243.3  0.194  1438.9
  65.0  -1.34  -1.34  31.91  25.69  230.5  0.206  1439.7
  70.0  -1.31  -1.31  31.97  25.73  226.6  0.217  1440.0
  80.0  -1.26  -1.27  32.11  25.85  215.4  0.239  1440.6
  90.0  -1.30  -1.31  32.23  25.95  206.0  0.261  1440.8
 100.0  -1.34  -1.34  32.30  26.00  200.6  0.281  1440.9
 110.0  -1.38  -1.38  32.39  26.08  193.3  0.301  1441.0
 120.0  -1.41  -1.42  32.48  26.15  186.3  0.320  1441.1
 130.0  -1.45  -1.46  32.60  26.25  177.0  0.338  1441.2
 140.0  -1.48  -1.49  32.72  26.34  168.1  0.356  1441.4
 150.0  -1.50  -1.51  32.84  26.44  158.5  0.372  1441.7
 160.0  -1.52  -1.52  32.96  26.54  149.5  0.388  1441.9
 170.0  -1.52  -1.52  33.05  26.62  141.9  0.403  1442.2
 180.0  -1.50  -1.50  33.18  26.71  132.6  0.416  1442.7
 190.0  -1.44  -1.45  33.34  26.84  120.6  0.429  1443.3
 200.0  -1.33  -1.34  33.57  27.02  103.2  0.441  1444.3
 210.0  -1.18  -1.19  33.77  27.18   88.1  0.450  1445.5
 220.0  -1.01  -1.01  33.99  27.36   71.8  0.458  1446.8
 230.0  -0.78  -0.79  34.15  27.47   61.0  0.465  1448.2
 240.0  -0.63  -0.64  34.28  27.58   51.5  0.471  1449.3
 250.0  -0.52  -0.53  34.38  27.65   44.6  0.476  1450.1
 260.0  -0.40  -0.41  34.46  27.71   39.1  0.480  1450.9
 270.0  -0.27  -0.28  34.53  27.76   33.9  0.483  1451.8
 280.0  -0.14  -0.15  34.59  27.81   30.0  0.487  1452.6
 290.0  -0.05  -0.06  34.64  27.84   27.4  0.490  1453.3
 300.0   0.02   0.01  34.67  27.86   25.2  0.492  1453.8
 310.0   0.08   0.07  34.70  27.88   23.5  0.495  1454.3
 320.0   0.13   0.11  34.72  27.89   21.9  0.497  1454.7
 330.0   0.17   0.15  34.74  27.91   20.5  0.499  1455.1
 340.0   0.21   0.19  34.76  27.92   19.8  0.501  1455.4
 350.0   0.24   0.23  34.77  27.93   18.9  0.503  1455.8
 370.0   0.30   0.28  34.79  27.94   17.4  0.507  1456.4
 390.0   0.34   0.33  34.81  27.96   16.4  0.510  1457.0
 410.0   0.38   0.36  34.82  27.96   15.8  0.513  1457.4
 430.0   0.39   0.37  34.83  27.97   15.2  0.517  1457.9
 450.0   0.42   0.40  34.84  27.98   14.7  0.520  1458.3
 470.0   0.43   0.41  34.85  27.98   14.3  0.522  1458.7
 490.0   0.44   0.42  34.85  27.98   14.0  0.525  1459.1
 510.0   0.45   0.42  34.85  27.98   13.9  0.528  1459.5
 530.0   0.44   0.42  34.86  27.99   13.8  0.531  1459.8
 550.0   0.43   0.40  34.86  27.99   13.7  0.534  1460.0
 570.0   0.41   0.38  34.85  27.99   13.8  0.537  1460.3

                   DEPTH      TEMP.       SALIN

    BOT NUM = 1      3.1      -1.56       29.88
    BOT NUM = 2     38.5                  31.15
    BOT NUM = 3    236.4      -0.75
    BOT NUM = 4    480.1       0.44       34.83
    BOT NUM = 5    587.6       0.41       34.84
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```
BIG BEAR STATION 461(1) CTD  11/AUG/1975 1715 GMT  CODE = 2
LAT = 74.7334N LNG = 141.2892W LTER =       2. LGER =      4.
AIR TEMP =  -0.3 BAROM =  999.2 WIND = 273.2 SPEED =  64.3

 DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.57  -1.57  29.94  24.10  382.7  0.000  1434.8
   5.0  -1.57  -1.57  29.94  24.10  382.6  0.019  1434.9
   5.0  -1.57  -1.57  29.94  24.10  382.6  0.019  1434.9
  10.0  -1.57  -1.57  29.94  24.10  382.5  0.039  1435.0
  15.0  -1.57  -1.57  29.94  24.10  382.2  0.056  1435.1
  20.0  -1.54  -1.54  30.04  24.18  375.0  0.077  1435.4
  25.0  -1.49  -1.49  30.42  24.48  345.5  0.095  1436.3
  30.0  -1.51  -1.51  30.80  24.79  316.0  0.112  1436.8
  35.0  -1.54  -1.54  30.96  24.92  303.7  0.127  1436.9
  40.0  -1.59  -1.59  31.16  25.09  287.9  0.142  1437.1
  45.0  -1.63  -1.63  31.27  25.17  279.6  0.156  1437.1
  50.0  -1.63  -1.63  31.38  25.26  271.1  0.170  1437.4
  55.0  -1.63  -1.63  31.51  25.37  260.9  0.184  1437.6
  60.0  -1.61  -1.61  31.60  25.44  253.9  0.197  1437.9
  65.0  -1.59  -1.59  31.69  25.51  247.4  0.209  1438.2
  70.0  -1.54  -1.54  31.78  25.58  240.6  0.222  1438.7
  80.0  -1.33  -1.33  32.08  25.82  218.0  0.245  1440.3
  90.0  -1.34  -1.34  32.28  25.98  202.5  0.266  1440.6
 100.0  -1.38  -1.38  32.39  26.07  193.9  0.286  1440.8
 110.0  -1.42  -1.42  32.49  26.15  186.1  0.305  1440.9
 120.0  -1.45  -1.45  32.60  26.25  177.4  0.323  1441.1
 130.0  -1.48  -1.49  32.74  26.36  166.5  0.341  1441.3
 140.0  -1.50  -1.51  32.82  26.43  159.8  0.357  1441.5
 150.0  -1.51  -1.51  32.93  26.51  151.6  0.373  1441.8
 160.0  -1.51  -1.52  33.03  26.60  143.6  0.388  1442.0
 170.0  -1.50  -1.51  33.15  26.69  134.9  0.402  1442.4
 180.0  -1.48  -1.48  33.27  26.79  125.6  0.415  1442.9
 190.0  -1.41  -1.41  33.43  26.92  113.4  0.427  1443.6
 200.0  -1.30  -1.30  33.60  27.05  101.0  0.438  1444.5
 210.0  -1.17  -1.18  33.79  27.20   86.4  0.447  1445.6
 220.0  -1.03  -1.03  33.96  27.33   74.4  0.455  1446.6
 230.0  -0.85  -0.86  34.14  27.48   60.8  0.462  1447.9
 240.0  -0.70  -0.70  34.26  27.56   53.0  0.468  1448.9
 250.0  -0.56  -0.56  34.34  27.62   46.9  0.473  1449.9
 260.0  -0.45  -0.46  34.42  27.68   41.6  0.478  1450.6
 270.0  -0.32  -0.33  34.50  27.74   36.2  0.481  1451.5
 280.0  -0.21  -0.22  34.55  27.78   32.7  0.485  1452.2
 290.0  -0.11  -0.13  34.60  27.81   29.7  0.488  1452.9
 300.0  -0.03  -0.05  34.64  27.84   26.9  0.491  1453.5
 310.0   0.03   0.02  34.67  27.86   25.1  0.494  1454.0
 320.0   0.08   0.07  34.70  27.88   23.4  0.496  1454.4
 330.0   0.13   0.11  34.72  27.89   22.1  0.498  1454.8
 340.0   0.17   0.15  34.74  27.91   20.6  0.500  1455.2
 350.0   0.20   0.19  34.75  27.92   19.8  0.503  1455.6
 370.0   0.27   0.25  34.78  27.94   18.3  0.506  1456.2
 390.0   0.32   0.31  34.80  27.95   17.0  0.510  1456.9
 410.0   0.36   0.35  34.82  27.96   16.1  0.513  1457.4
 430.0   0.39   0.37  34.83  27.96   15.6  0.517  1457.8
 450.0   0.42   0.40  34.84  27.97   15.1  0.520  1458.3
 470.0   0.44   0.42  34.84  27.98   14.6  0.523  1458.8
 490.0   0.46   0.44  34.85  27.98   14.3  0.526  1459.2
 510.0   0.46   0.44  34.85  27.98   14.1  0.528  1459.5
 530.0   0.46   0.43  34.86  27.99   13.8  0.531  1459.9
 550.0   0.44   0.42  34.86  27.99   13.7  0.534  1460.1
 570.0   0.42   0.40  34.86  27.99   13.8  0.537  1460.4
 590.0   0.40   0.37  34.85  27.99   13.8  0.540  1460.6

                   DEPTH      TEMP.       SALIN

    BOT NUM = 1      3.1      -1.57       29.94
    BOT NUM = 2     38.4                  30.92
    BOT NUM = 3    243.6                  34.78
    BOT NUM = 4    492.8                  34.83
    BOT NUM = 5    591.3       0.40       34.84
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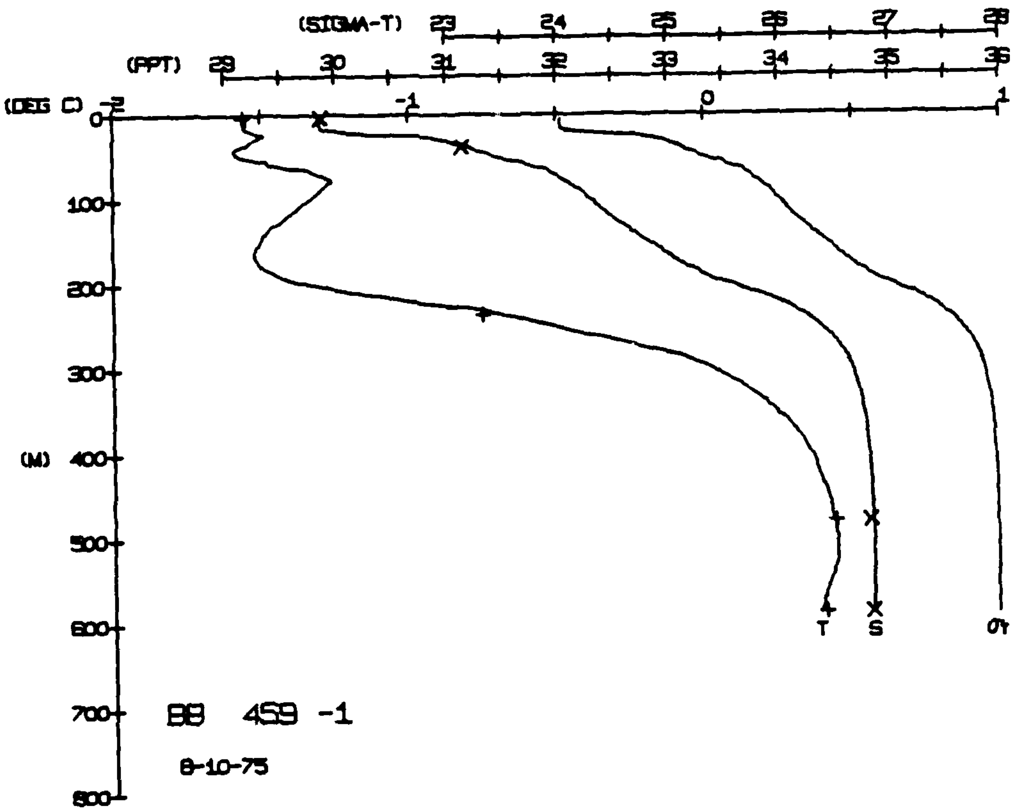

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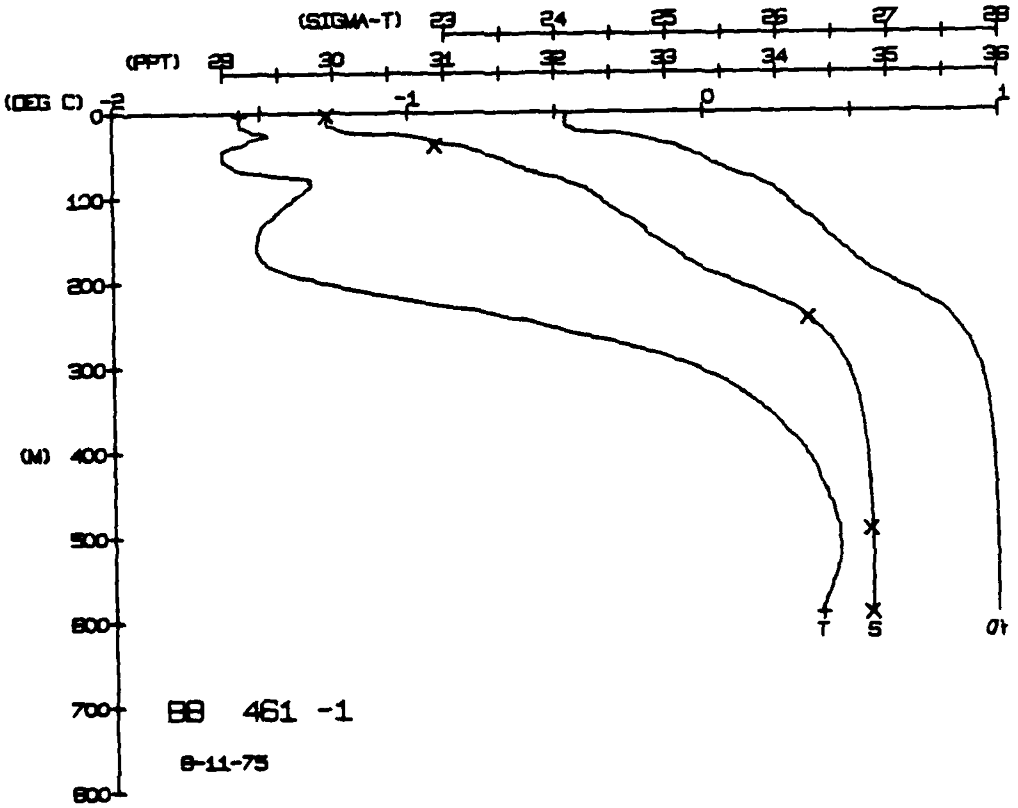
8-10-75



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8-11-75

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BIG BEAR STATION 463(1) CTD  12/AUG/1975  445 GMT  CODE = 2
LAT = 74.6980N LNG = 141.1381W LTER =      2, LGER =      3,
AIR TEMP =  -0.3 BAROM = 1006.1 WIND = 273.2 SPEED =  64.3

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

    0.0   -1.55   -1.55   29.97   24.12   380.3   0.000   1434.9
    3.7   -1.55   -1.55   29.97   24.12   380.3   0.014   1435.0
    5.0   -1.55   -1.55   29.97   24.12   380.5   0.019   1435.0
   10.0   -1.55   -1.55   29.96   24.11   380.9   0.038   1435.1
   15.0   -1.55   -1.55   29.96   24.11   380.8   0.057   1435.2
   20.0   -1.52   -1.52   30.09   24.22   370.7   0.076   1435.6
   25.0   -1.48   -1.48   30.35   24.42   351.2   0.095   1436.2
   30.0   -1.51   -1.51   30.74   24.74   320.8   0.112   1436.7
   35.0   -1.54   -1.54   30.90   24.88   308.1   0.127   1436.9
   40.0   -1.55   -1.56   30.97   24.93   302.8   0.143   1437.0
   45.0   -1.56   -1.56   31.01   24.97   299.4   0.158   1437.1
   50.0   -1.56   -1.56   31.15   25.08   288.7   0.173   1437.4
   55.0   -1.58   -1.58   31.31   25.21   276.4   0.187   1437.6
   60.0   -1.46   -1.46   31.44   25.31   267.0   0.201   1438.4
   65.0   -1.35   -1.35   31.61   25.44   254.1   0.214   1439.3
   70.0   -1.51   -1.51   31.72   25.53   245.2   0.226   1438.7
   80.0   -1.23   -1.23   32.00   25.76   224.2   0.250   1440.6
   90.0   -1.28   -1.28   32.18   25.90   210.5   0.272   1440.8
  100.0   -1.35   -1.35   32.36   26.05   196.2   0.292   1440.9
  110.0   -1.40   -1.41   32.50   26.17   184.8   0.312   1441.0
  120.0   -1.44   -1.44   32.62   26.26   175.8   0.330   1441.2
  130.0   -1.48   -1.48   32.72   26.34   168.2   0.347   1441.3
  140.0   -1.49   -1.49   32.80   26.41   161.6   0.364   1441.5
  150.0   -1.50   -1.51   32.89   26.49   154.4   0.380   1441.7
  160.0   -1.50   -1.50   33.00   26.57   145.9   0.395   1442.1
  170.0   -1.49   -1.49   33.09   26.64   139.4   0.409   1442.4
  180.0   -1.46   -1.47   33.24   26.76   127.9   0.423   1442.9
  190.0   -1.40   -1.41   33.37   26.86   118.4   0.435   1443.5
  200.0   -1.33   -1.33   33.53   27.00   105.8   0.447   1444.3
  210.0   -1.21   -1.22   33.71   27.13    92.8   0.457   1445.3
  220.0   -1.04   -1.05   33.93   27.31    76.1   0.465   1446.5
  230.0   -0.86   -0.86   34.11   27.45    63.0   0.472   1447.8
  240.0   -0.68   -0.68   34.24   27.55    53.9   0.478   1449.0
  250.0   -0.51   -0.52   34.37   27.64    45.1   0.483   1450.1
  260.0   -0.39   -0.40   34.46   27.71    39.2   0.487   1451.0
  270.0   -0.28   -0.29   34.51   27.75    35.6   0.491   1451.7
  280.0   -0.17   -0.18   34.56   27.78    32.2   0.494   1452.5
  290.0   -0.08   -0.09   34.61   27.82    29.1   0.498   1453.1
  300.0    0.00   -0.01   34.65   27.85    26.4   0.500   1453.7
  310.0    0.06    0.05   34.68   27.87    24.6   0.503   1454.2
  320.0    0.10    0.09   34.70   27.88    23.0   0.505   1454.6
  330.0    0.16    0.15   34.73   27.90    21.8   0.508   1455.0
  340.0    0.20    0.19   34.74   27.91    20.6   0.510   1455.4
  350.0    0.24    0.23   34.76   27.92    19.5   0.512   1455.8
  370.0    0.30    0.28   34.79   27.94    17.8   0.516   1456.4
  390.0    0.34    0.32   34.81   27.95    16.8   0.519   1456.9
  410.0    0.38    0.36   34.82   27.96    15.8   0.522   1457.5
  430.0    0.41    0.39   34.83   27.97    15.3   0.525   1457.9
  450.0    0.44    0.42   34.84   27.97    14.8   0.528   1458.4
  470.0    0.45    0.43   34.85   27.98    14.4   0.531   1458.8
  490.0    0.46    0.44   34.85   27.98    14.1   0.534   1459.2
  510.0    0.46    0.44   34.86   27.98    14.0   0.537   1459.5
  530.0    0.46    0.43   34.86   27.99    13.8   0.540   1459.8
  550.0    0.44    0.41   34.86   27.99    13.7   0.543   1460.1
  570.0    0.41    0.38   34.85   27.99    13.8   0.546   1460.3
  590.0    0.39    0.37   34.85   27.98    14.0   0.548   1460.6
  590.0    0.39    0.37   34.85   27.98    14.0   0.548   1460.6

                         DEPTH        TEMP.        SALIN

         BOT NUM = 1       2.4        -1.55        29.96
         BOT NUM = 2      36.2                     30.92
         BOT NUM = 3     242.8        -0.67        34.29
         BOT NUM = 4     497.0         0.46        34.84
         BOT NUM = 5     592.6         0.41        34.85
```

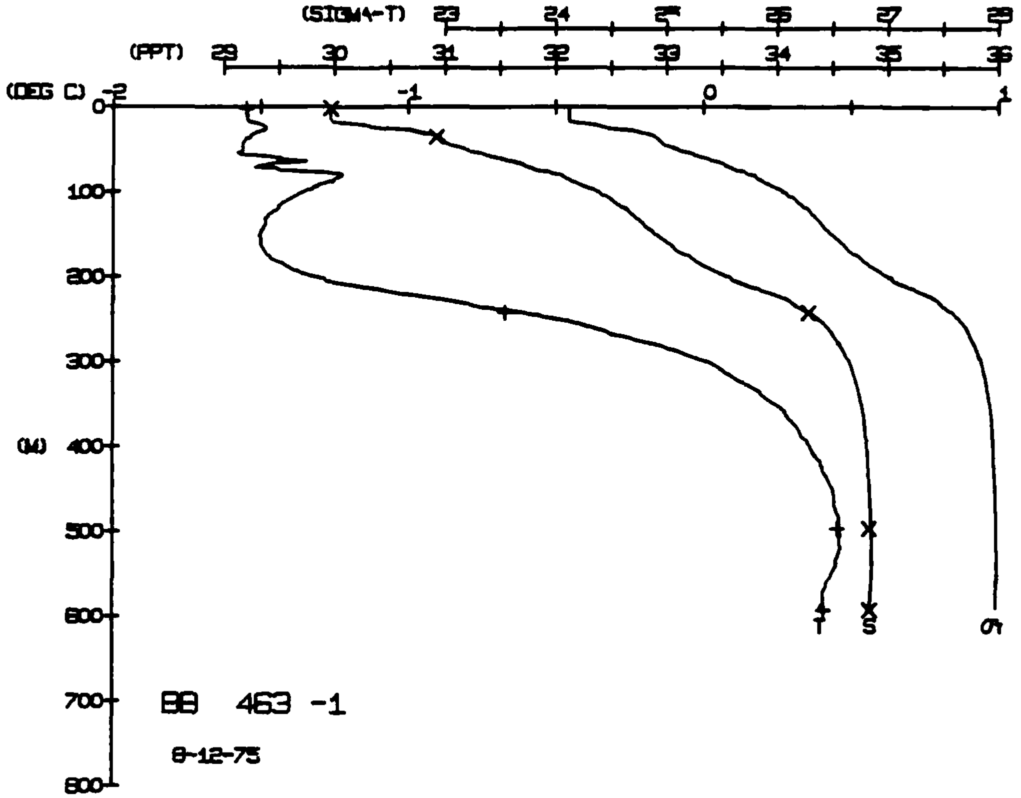
```
BIG BEAR STATION 465(1) CTD  12/AUG/1975 1700 GMT  CODE = 2
LAT = 74.6759N LNG = 140.9605W LTER =      0, LGER =      0.
AIR TEMP =  -1.7 BAROM = 1010.5 WIND = 244.4 SPEED =  64.8

DEPTH     TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

    0.0   -1.58   -1.58   29.96   24.12   380.8   0.000   1434.8
    3.1   -1.58   -1.58   29.96   24.12   380.7   0.012   1434.9
    5.0   -1.58   -1.58   29.96   24.12   380.8   0.019   1434.9
   10.0   -1.57   -1.57   29.96   24.11   381.1   0.038   1435.0
   15.0   -1.57   -1.57   29.96   24.11   381.1   0.058   1435.1
   20.0   -1.55   -1.55   30.09   24.22   370.6   0.076   1435.4
   25.0   -1.52   -1.52   30.54   24.58   336.0   0.094   1436.3
   30.0   -1.55   -1.55   30.84   24.82   313.3   0.111   1436.7
   35.0   -1.58   -1.58   31.00   24.95   300.9   0.126   1436.8
   40.0   -1.58   -1.58   31.15   25.07   289.1   0.141   1437.1
   45.0   -1.61   -1.61   31.24   25.15   282.2   0.155   1437.2
   50.0   -1.56   -1.56   31.38   25.26   271.0   0.169   1437.7
   55.0   -1.60   -1.60   31.50   25.36   262.0   0.183   1437.8
   60.0   -1.58   -1.58   31.57   25.41   256.7   0.196   1438.0
   65.0   -1.57   -1.58   31.67   25.50   248.5   0.208   1438.3
   70.0   -1.57   -1.57   31.76   25.57   242.0   0.221   1438.5
   80.0   -1.33   -1.34   32.04   25.79   220.8   0.244   1440.2
   90.0   -1.34   -1.34   32.23   25.95   205.8   0.266   1440.6
  100.0   -1.38   -1.39   32.39   26.08   193.4   0.286   1440.8
  110.0 ( -1.42   -1.42   32.48   26.15   186.4   0.305   1440.9
  120.0   -1.46   -1.46   32.57   26.22   179.3   0.323   1441.0
  130.0   -1.49   -1.49   32.69   26.32   169.8   0.341   1441.2
  140.0   -1.51   -1.51   32.79   26.40   162.7   0.358   1441.4
  150.0   -1.51   -1.52   32.88   26.48   155.1   0.374   1441.7
  160.0   -1.52   -1.53   32.98   26.56   147.4   0.389   1441.9
  170.0   -1.52   -1.52   33.09   26.64   139.4   0.404   1442.3
  180.0   -1.49   -1.50   33.21   26.74   130.1   0.417   1442.7
  190.0   -1.45   -1.45   33.33   26.84   121.0   0.430   1443.3
  200.0   -1.38   -1.39   33.46   26.94   111.3   0.442   1443.9
  210.0   -1.25   -1.25   33.69   27.12    94.2   0.452   1445.1
  220.0   -1.08   -1.09   33.90   27.29    78.3   0.461   1446.3
  230.0   -0.91   -0.91   34.11   27.45    63.2   0.468   1447.6
  240.0   -0.67   -0.68   34.28   27.57    51.6   0.474   1449.1
  250.0   -0.55   -0.55   34.36   27.64    45.5   0.478   1449.9
  260.0   -0.41   -0.42   34.45   27.70    39.5   0.483   1450.9
  270.0   -0.32   -0.32   34.51   27.74    35.7   0.487   1451.5
  280.0   -0.22   -0.23   34.55   27.77    33.0   0.490   1452.2
  290.0   -0.15   -0.16   34.59   27.80    30.2   0.493   1452.7
  300.0   -0.06   -0.07   34.63   27.83    27.8   0.496   1453.4
  310.0    0.01   -0.01   34.66   27.85    25.9   0.499   1453.9
  320.0    0.05    0.04   34.69   27.87    24.0   0.501   1454.3
  330.0    0.10    0.09   34.71   27.89    22.6   0.504   1454.7
  340.0    0.15    0.14   34.73   27.90    21.2   0.506   1455.1
  350.0    0.19    0.18   34.75   27.92    20.0   0.508   1455.5
  370.0    0.27    0.25   34.78   27.94    18.2   0.512   1456.2
  390.0    0.31    0.29   34.80   27.95    17.1   0.515   1456.8
  410.0    0.35    0.33   34.82   27.96    16.2   0.519   1457.3
  430.0    0.38    0.36   34.83   27.97    15.6   0.522   1457.8
  450.0    0.41    0.39   34.83   27.97    15.1   0.525   1458.3
  470.0    0.43    0.41   34.85   27.98    14.5   0.528   1458.7
  490.0    0.44    0.42   34.85   27.98    14.4   0.531   1459.1
  510.0    0.45    0.43   34.85   27.98    14.2   0.534   1459.5
  530.0    0.45    0.42   34.85   27.98    14.0   0.537   1459.8
  550.0    0.42    0.40   34.86   27.99    13.8   0.540   1460.0
  570.0    0.41    0.39   34.85   27.98    13.9   0.542   1460.3
  590.0    0.39    0.37   34.85   27.98    14.1   0.545   1460.6
  593.1    0.39    0.36   34.85   27.98    14.2   0.546   1460.6

                         DEPTH        TEMP.        SALIN

         BOT NUM = 1      37.8                     30.92
         BOT NUM = 2     244.2                     34.33
         BOT NUM = 3     496.9                     34.83
         BOT NUM = 4     594.9         0.40        34.84
```



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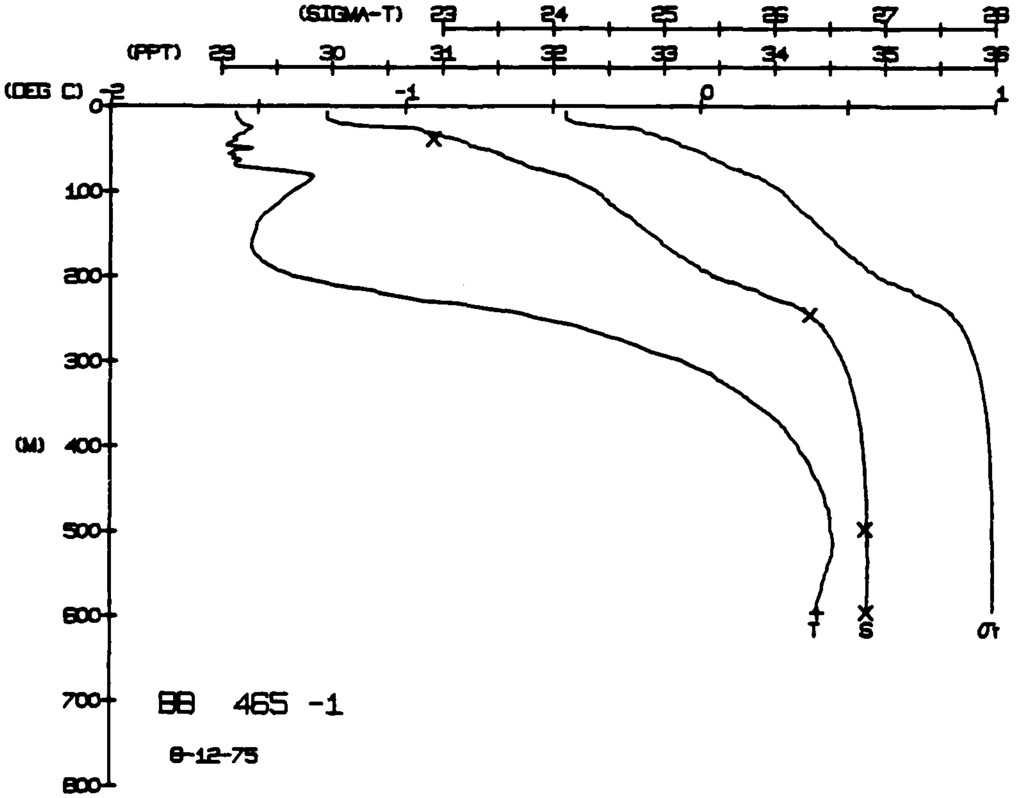

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```
BIG BEAR STATION 467(1) CTD  13/AUG/1975  400 GMT  CODE = 2
LAT = 74.6775N LNG = 140.8421W LTER =      0, LGER =      0,
AIR TEMP =  -1.7 BAROM = 1012.7 WIND = 244.4 SPEED =  64.8

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.57   -1.57   29.96   24.11   381.2   0.000  1434.8
   3.1   -1.57   -1.57   29.96   24.11   381.2   0.012  1434.9
   5.0   -1.57   -1.57   29.96   24.11   381.4   0.019  1434.9
  10.0   -1.56   -1.56   29.96   24.11   381.4   0.038  1435.0
  15.0   -1.56   -1.56   29.97   24.12   380.0   0.058  1435.1
  20.0   -1.54   -1.54   30.12   24.24   368.8   0.076  1435.5
  25.0   -1.53   -1.53   30.27   24.36   356.9   0.095  1435.9
  30.0   -1.49   -1.49   30.81   24.80   315.4   0.112  1436.9
  35.0   -1.56   -1.56   30.95   24.91   304.8   0.127  1436.8
  40.0   -1.58   -1.58   31.07   25.01   295.0   0.142  1437.0
  45.0   -1.61   -1.61   31.21   25.13   284.1   0.157  1437.2
  50.0   -1.60   -1.60   31.34   25.23   274.2   0.171  1437.4
  55.0   -1.53   -1.53   31.50   25.36   261.8   0.184  1438.1
  60.0   -1.56   -1.56   31.61   25.45   253.5   0.197  1438.2
  65.0   -1.58   -1.58   31.69   25.51   247.2   0.210  1438.3
  70.0   -1.55   -1.55   31.77   25.58   240.8   0.222  1438.6
  80.0   -1.36   -1.36   32.06   25.81   219.3   0.246  1440.1
  90.0   -1.34   -1.34   32.28   25.98   202.6   0.267  1440.7
 100.0   -1.38   -1.38   32.39   26.07   193.7   0.287  1440.8
 110.0   -1.42   -1.42   32.48   26.15   186.6   0.306  1440.9
 120.0   -1.45   -1.45   32.57   26.22   179.6   0.324  1441.0
 130.0   -1.48   -1.48   32.65   26.29   173.1   0.342  1441.2
 140.0   -1.50   -1.50   32.76   26.37   165.0   0.359  1441.4
 150.0   -1.52   -1.52   32.85   26.45   158.0   0.376  1441.6
 160.0   -1.52   -1.53   32.95   26.53   149.8   0.391  1441.9
 170.0   -1.52   -1.53   33.00   26.57   146.1   0.406  1442.1
 180.0   -1.51   -1.51   33.14   26.68   135.7   0.420  1442.6
 190.0   -1.47   -1.47   33.30   26.81   123.5   0.433  1443.1
 200.0   -1.39   -1.39   33.44   26.93   112.3   0.445  1443.9
 210.0   -1.28   -1.29   33.62   27.06    99.3   0.456  1444.8
 220.0   -1.11   -1.12   33.84   27.24    83.1   0.465  1446.1
 230.0   -0.94   -0.95   34.04   27.40    68.1   0.473  1447.3
 240.0   -0.75   -0.76   34.22   27.54    55.2   0.479  1448.6
 250.0   -0.60   -0.61   34.31   27.60    49.3   0.484  1449.6
 260.0   -0.48   -0.49   34.39   27.66    43.4   0.489  1450.5
 270.0   -0.34   -0.35   34.48   27.72    37.9   0.493  1451.4
 280.0   -0.24   -0.25   34.54   27.77    33.5   0.497  1452.1
 290.0   -0.14   -0.15   34.58   27.80    30.7   0.500  1452.8
 300.0   -0.06   -0.07   34.63   27.83    27.9   0.503  1453.4
 310.0    0.02    0.01   34.67   27.86    25.3   0.506  1454.0
 320.0    0.08    0.06   34.70   27.88    23.5   0.508  1454.4
 330.0    0.12    0.11   34.72   27.89    22.2   0.510  1454.8
 340.0    0.16    0.15   34.73   27.90    21.0   0.513  1455.2
 350.0    0.20    0.18   34.75   27.92    20.0   0.515  1455.5
 370.0    0.26    0.25   34.78   27.93    18.4   0.518  1456.2
 390.0    0.32    0.30   34.80   27.95    17.0   0.522  1456.8
 410.0    0.35    0.34   34.82   27.96    16.1   0.525  1457.3
 430.0    0.38    0.36   34.83   27.97    15.5   0.529  1457.8
 450.0    0.41    0.39   34.84   27.97    15.0   0.532  1458.3
 470.0    0.43    0.41   34.85   27.98    14.5   0.535  1458.7
 490.0    0.45    0.43   34.85   27.98    14.3   0.538  1459.1
 510.0    0.45    0.43   34.85   27.98    14.1   0.540  1459.5
 530.0    0.45    0.42   34.85   27.98    14.1   0.543  1459.8
 550.0    0.43    0.41   34.85   27.99    13.9   0.546  1460.1
 570.0    0.41    0.38   34.85   27.98    14.0   0.549  1460.3
 590.0    0.39    0.37   34.85   27.98    14.2   0.552  1460.5

                        DEPTH      TEMP.       SALIN

      BOT NUM = 1         3.1      -1.56       29.95
      BOT NUM = 2        37.2                  30.92
      BOT NUM = 3       245.2      -0.68       34.28
      BOT NUM = 4       497.2       0.46       34.83
      BOT NUM = 5       594.7       0.40       34.84
```

```
BIG BEAR STATION 469(1) CTD  14/AUG/1975  410 GMT  CODE = 2
LAT = 74.7247N LNG = 140.4812W LTER =    305, LGER =    397,
AIR TEMP =   0.4 BAROM = 1006.2 WIND = 267.9 SPEED = 103.6

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.57   -1.57   29.91   24.07   385.1   0.000  1434.8
   5.0   -1.57   -1.57   29.91   24.07   385.1   0.019  1434.9
   7.5   -1.57   -1.57   29.91   24.07   385.0   0.029  1434.9
  10.0   -1.57   -1.57   29.91   24.07   385.1   0.039  1434.9
  15.0   -1.57   -1.57   29.90   24.07   385.4   0.058  1435.0
  20.0   -1.56   -1.56   30.00   24.14   378.0   0.077  1435.3
  25.0   -1.51   -1.51   30.44   24.50   343.7   0.096  1436.2
  30.0   -1.52   -1.52   30.81   24.80   315.3   0.112  1436.7
  35.0   -1.56   -1.56   30.97   24.93   303.2   0.128  1436.9
  40.0   -1.56   -1.56   31.13   25.06   290.7   0.143  1437.2
  45.0   -1.59   -1.59   31.26   25.16   280.6   0.157  1437.3
  50.0   -1.56   -1.56   31.40   25.28   269.7   0.171  1437.7
  55.0   -1.48   -1.48   31.56   25.41   257.3   0.184  1438.4
  60.0   -1.59   -1.59   31.66   25.49   249.9   0.197  1438.1
  65.0   -1.55   -1.55   31.74   25.55   243.8   0.209  1438.5
  70.0   -1.47   -1.47   31.83   25.62   237.1   0.222  1439.1
  80.0   -1.33   -1.33   32.11   25.85   215.5   0.244  1440.3
  90.0   -1.35   -1.35   32.30   26.00   200.9   0.265  1440.6
 100.0   -1.40   -1.40   32.43   26.11   190.7   0.285  1440.7
 110.0   -1.44   -1.45   32.53   26.19   182.7   0.304  1440.8
 120.0   -1.48   -1.48   32.64   26.27   174.5   0.322  1441.0
 130.0   -1.50   -1.50   32.72   26.34   167.9   0.339  1441.2
 140.0   -1.51   -1.51   32.81   26.41   161.3   0.356  1441.4
 150.0   -1.52   -1.53   32.90   26.49   154.0   0.372  1441.7
 160.0   -1.53   -1.53   32.97   26.55   148.2   0.387  1441.9
 170.0   -1.52   -1.52   33.10   26.65   138.7   0.401  1442.3
 180.0   -1.49   -1.49   33.21   26.74   129.7   0.415  1442.7
 190.0   -1.44   -1.45   33.33   26.83   121.2   0.428  1443.3
 200.0   -1.37   -1.38   33.47   26.95   110.0   0.439  1444.0
 210.0   -1.24   -1.25   33.69   27.12    94.0   0.450  1445.1
 220.0   -1.09   -1.10   33.91   27.30    77.6   0.458  1446.3
 230.0   -0.94   -0.95   34.03   27.39    69.0   0.466  1447.3
 240.0   -0.77   -0.77   34.19   27.51    57.3   0.472  1448.5
 250.0   -0.52   -0.53   34.37   27.64    45.4   0.477  1450.1
 260.0   -0.32   -0.33   34.46   27.71    39.2   0.482  1451.3
 270.0   -0.24   -0.25   34.52   27.75    35.3   0.485  1451.9
 280.0   -0.17   -0.18   34.57   27.79    31.5   0.489  1452.5
 290.0   -0.06   -0.08   34.62   27.82    28.6   0.492  1453.2
 300.0    0.01    0.00   34.66   27.85    25.7   0.494  1453.7
 310.0    0.06    0.05   34.69   27.87    24.2   0.497  1454.2
 320.0    0.10    0.09   34.70   27.88    23.0   0.499  1454.5
 330.0    0.14    0.13   34.73   27.90    21.6   0.502  1454.9
 340.0    0.18    0.17   34.75   27.91    20.3   0.504  1455.3
 350.0    0.21    0.20   34.76   27.92    19.5   0.506  1455.6
 370.0    0.28    0.26   34.79   27.94    17.8   0.509  1456.3
 390.0    0.32    0.31   34.81   27.95    16.7   0.513  1456.9
 410.0    0.37    0.35   34.82   27.96    15.8   0.516  1457.4
 430.0    0.39    0.37   34.83   27.97    15.2   0.519  1457.9
 450.0    0.41    0.39   34.84   27.98    14.6   0.522  1458.3
 470.0    0.43    0.41   34.85   27.98    14.3   0.525  1458.7
 490.0    0.44    0.42   34.85   27.98    14.0   0.528  1459.1
 510.0    0.45    0.43   34.86   27.99    13.7   0.531  1459.5
 530.0    0.45    0.42   34.86   27.99    13.6   0.534  1459.8
 550.0    0.43    0.41   34.86   27.99    13.6   0.536  1460.1
 570.0    0.41    0.38   34.86   27.99    13.6   0.539  1460.3
 590.0    0.39    0.36   34.85   27.99    13.8   0.542  1460.5

                        DEPTH      TEMP.       SALIN

      BOT NUM = 1         3.1      -1.57       29.92
      BOT NUM = 2        36.4                  30.99
      BOT NUM = 3       242.6      -0.66       34.28
      BOT NUM = 4       493.7       0.46       34.83
      BOT NUM = 5       592.6       0.38       34.84
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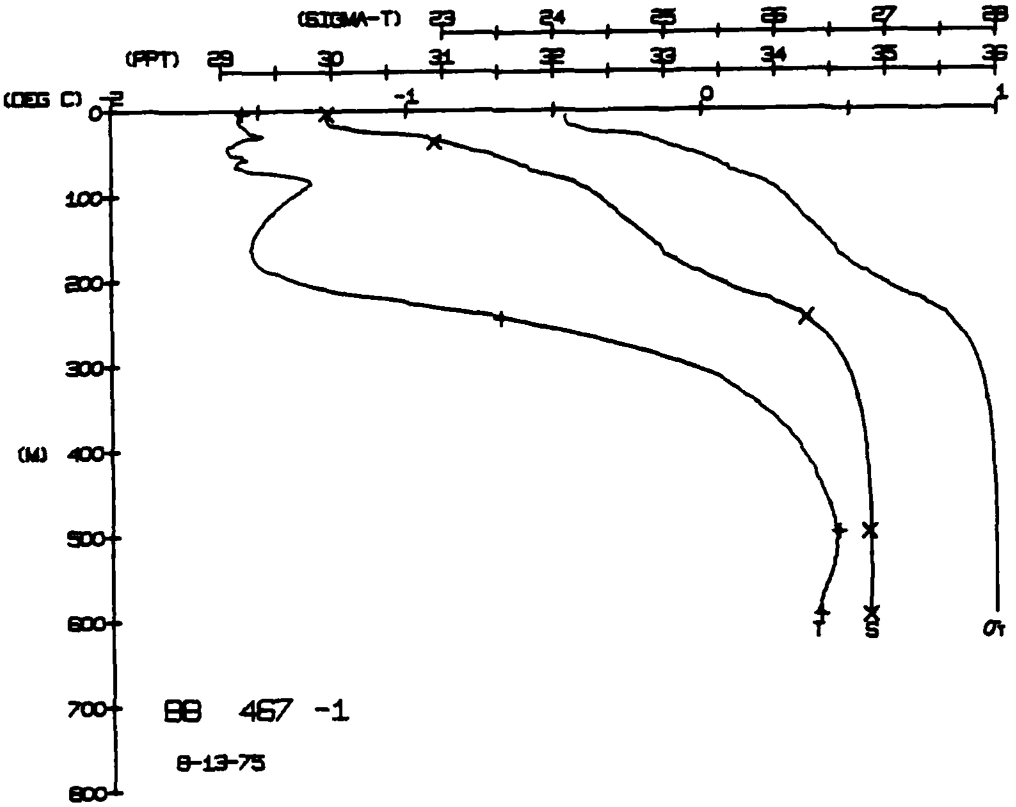

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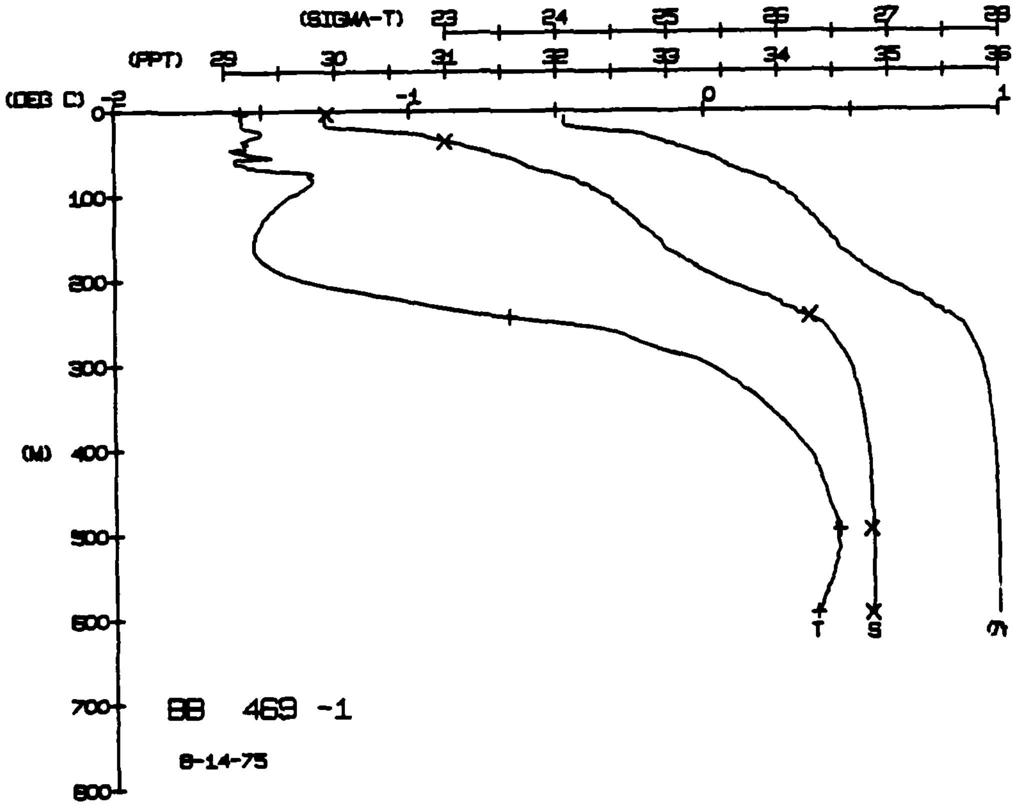
8-13-75



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8-14-75

```
BIG BEAR STATION 471(1) CTD  14/AUG/1975 1710 GMT  CODE = 2
LAT = 74.6899N LNG = 140.2772W LTER =        0, LGER =      0,
AIR TEMP =    0.4 BAROM = 1014.6 WIND = 267.9 SPEED = 103.6

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DINHT   SOUND

   0.0   -1.57   -1.57   29.92   24.08   384.6   0.000  1434.8
   5.0   -1.57   -1.57   29.92   24.08   384.6   0.019  1434.9
   6.9   -1.57   -1.57   29.92   24.08   384.5   0.027  1434.9
  10.0   -1.56   -1.56   29.91   24.07   384.8   0.039  1435.0
  15.0   -1.56   -1.56   29.91   24.07   385.2   0.058  1435.0
  20.0   -1.56   -1.56   29.92   24.08   383.8   0.077  1435.2
  25.0   -1.53   -1.53   30.42   24.48   345.6   0.096  1436.1
  30.0   -1.51   -1.51   30.68   24.69   325.4   0.113  1436.6
  35.0   -1.53   -1.53   30.78   24.77   317.9   0.129  1436.7
  40.0   -1.55   -1.55   30.87   24.85   310.4   0.145  1436.9
  45.0   -1.54   -1.54   31.07   25.01   294.9   0.160  1437.3
  50.0   -1.57   -1.57   31.26   25.17   280.2   0.174  1437.5
  55.0   -1.58   -1.58   31.43   25.32   265.9   0.188  1437.8
  60.0   -1.58   -1.58   31.53   25.38   259.6   0.201  1438.0
  65.0   -1.53   -1.53   31.63   25.46   251.8   0.214  1438.4
  70.0   -1.27   -1.27   31.81   25.60   238.6   0.227  1440.0
  80.0   -1.28   -1.28   32.03   25.78   222.0   0.250  1440.4
  90.0   -1.35   -1.36   32.30   26.00   200.8   0.271  1440.6
 100.0   -1.39   -1.39   32.42   26.10   191.2   0.291  1440.8
 110.0   -1.44   -1.44   32.54   26.20   181.7   0.310  1440.9
 120.0   -1.47   -1.47   32.68   26.31   171.2   0.328  1441.1
 130.0   -1.49   -1.49   32.75   26.36   165.9   0.345  1441.3
 140.0   -1.51   -1.51   32.84   26.44   158.9   0.361  1441.5
 150.0   -1.52   -1.52   32.94   26.52   151.2   0.377  1441.7
 160.0   -1.51   -1.52   33.04   26.60   143.2   0.391  1442.1
 170.0   -1.51   -1.51   33.15   26.70   134.3   0.405  1442.4
 180.0   -1.47   -1.47   33.26   26.78   125.9   0.419  1442.9
 190.0   -1.38   -1.39   33.44   26.93   112.5   0.431  1443.7
 200.0   -1.30   -1.30   33.61   27.06   100.2   0.441  1444.5
 210.0   -1.16   -1.17   33.79   27.20    86.8   0.451  1445.6
 220.0   -1.01   -1.01   33.97   27.34    73.8   0.459  1446.7
 230.0   -0.80   -0.81   34.18   27.50    58.5   0.466  1448.2
 240.0   -0.59   -0.60   34.31   27.60    49.5   0.471  1449.5
 250.0   -0.45   -0.46   34.39   27.66    43.6   0.476  1450.4
 260.0   -0.33   -0.34   34.47   27.71    38.6   0.480  1451.3
 270.0   -0.25   -0.26   34.53   27.76    34.1   0.484  1451.9
 280.0   -0.16   -0.17   34.57   27.79    31.5   0.487  1452.5
 290.0   -0.07   -0.08   34.62   27.82    28.5   0.490  1453.2
 300.0   -0.01   -0.02   34.65   27.85    26.3   0.493  1453.6
 310.0    0.04    0.02   34.67   27.86    25.1   0.495  1454.0
 320.0    0.09    0.08   34.70   27.88    23.2   0.498  1454.5
 330.0    0.14    0.12   34.73   27.90    21.6   0.500  1454.9
 340.0    0.17    0.16   34.75   27.91    20.3   0.502  1455.2
 350.0    0.21    0.20   34.76   27.92    19.3   0.504  1455.6
 370.0    0.27    0.26   34.79   27.94    17.7   0.508  1456.3
 390.0    0.33    0.31   34.81   27.95    16.7   0.511  1456.9
 410.0    0.37    0.35   34.82   27.96    15.6   0.515  1457.4
 430.0    0.39    0.37   34.83   27.97    15.2   0.518  1457.9
 450.0    0.41    0.39   34.84   27.97    14.8   0.521  1458.3
 470.0    0.43    0.41   34.85   27.98    14.2   0.524  1458.7
 490.0    0.45    0.42   34.85   27.98    13.9   0.527  1459.1
 510.0    0.45    0.43   34.86   27.99    13.8   0.529  1459.5
 530.0    0.45    0.42   34.86   27.99    13.5   0.532  1459.8
 550.0    0.42    0.40   34.86   27.99    13.3   0.535  1460.0
 570.0    0.40    0.38   34.86   27.99    13.4   0.538  1460.3
 590.0    0.39    0.36   34.85   27.99    13.7   0.540  1460.5
 592.0    0.39    0.36   34.85   27.99    13.9   0.541  1460.6

                           DEPTH       TEMP.       SALIN

       BOT NUM = 1            3.1      -1.53
       BOT NUM = 2          497.6       0.45       34.85
       BOT NUM = 3          590.6       0.39       34.87
```

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BIG BEAR STATION 473(1) CTD  15/AUG/1975  450 GMT  CODE = 2
LAT = 74.6890N LNG = 140.2190W LTER =       15, LGER =     31,
AIR TEMP =   -1.3 BAROM = 1016.8 WIND = 142.4 SPEED =  26.7

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.55   -1.55   29.91   24.08   384.7   0.000  1434.9
   5.0   -1.55   -1.55   29.91   24.08   384.6   0.019  1435.0
   5.0   -1.55   -1.55   29.91   24.08   384.7   0.019  1435.0
  10.0   -1.56   -1.56   29.91   24.08   384.6   0.039  1435.0
  15.0   -1.56   -1.56   29.91   24.07   385.0   0.058  1435.1
  20.0   -1.56   -1.56   29.91   24.07   384.7   0.077  1435.2
  25.0   -1.51   -1.51   30.47   24.52   341.7   0.096  1436.2
  30.0   -1.53   -1.53   30.84   24.82   313.1   0.112  1436.7
  35.0   -1.55   -1.55   30.90   24.87   308.6   0.128  1436.8
  40.0   -1.56   -1.56   30.94   24.90   305.3   0.143  1436.9
  45.0   -1.57   -1.57   30.99   24.94   301.7   0.159  1437.0
  50.0   -1.56   -1.56   31.10   25.03   293.1   0.174  1437.3
  55.0   -1.57   -1.57   31.25   25.16   281.3   0.188  1437.5
  60.0   -1.42   -1.42   31.46   25.32   265.6   0.202  1438.6
  65.0   -1.35   -1.36   31.64   25.47   251.3   0.215  1439.3
  70.0   -1.39   -1.40   31.76   25.57   242.0   0.227  1439.3
  80.0   -1.28   -1.28   32.04   25.79   220.8   0.251  1440.4
  90.0   -1.31   -1.31   32.20   25.92   208.6   0.272  1440.7
 100.0   -1.38   -1.39   32.40   26.08   192.8   0.293  1440.8
 110.0   -1.44   -1.44   32.53   26.19   182.5   0.311  1440.9
 120.0   -1.46   -1.47   32.63   26.27   175.1   0.329  1441.0
 130.0   -1.49   -1.49   32.71   26.34   168.4   0.347  1441.2
 140.0   -1.51   -1.51   32.82   26.42   160.4   0.363  1441.4
 150.0   -1.51   -1.52   32.92   26.50   152.6   0.379  1441.7
 160.0   -1.52   -1.53   33.02   26.59   144.4   0.394  1442.0
 170.0   -1.51   -1.51   33.13   26.68   136.1   0.408  1442.4
 180.0   -1.40   -1.40   33.23   26.76   128.3   0.422  1442.8
 190.0   -1.43   -1.43   33.37   26.87   117.9   0.434  1443.4
 200.0   -1.33   -1.33   33.56   27.02   104.0   0.445  1444.3
 210.0   -1.19   -1.20   33.75   27.17    89.8   0.455  1445.4
 220.0   -1.04   -1.04   33.94   27.32    75.5   0.463  1446.6
 230.0   -0.87   -0.88   34.12   27.46    62.4   0.470  1447.8
 240.0   -0.66   -0.66   34.28   27.58    51.0   0.476  1449.1
 250.0   -0.52   -0.53   34.37   27.64    45.3   0.481  1450.1
 260.0   -0.39   -0.40   34.45   27.70    39.6   0.485  1450.9
 270.0   -0.26   -0.27   34.52   27.76    34.6   0.489  1451.8
 280.0   -0.18   -0.19   34.57   27.79    31.9   0.492  1452.4
 290.0   -0.10   -0.11   34.61   27.82    29.2   0.495  1453.0
 300.0   -0.03   -0.05   34.64   27.84    26.9   0.498  1453.5
 310.0    0.03    0.02   34.67   27.86    25.0   0.501  1454.0
 320.0    0.07    0.06   34.70   27.88    23.1   0.503  1454.4
 330.0    0.12    0.11   34.72   27.90    21.8   0.506  1454.8
 340.0    0.17    0.15   34.74   27.91    20.5   0.508  1455.2
 350.0    0.21    0.20   34.76   27.92    19.3   0.510  1455.6
 370.0    0.28    0.26   34.79   27.94    17.7   0.513  1456.3
 390.0    0.32    0.30   34.81   27.95    16.5   0.517  1456.8
 410.0    0.36    0.34   34.82   27.96    15.8   0.520  1457.4
 430.0    0.39    0.37   34.83   27.97    15.2   0.523  1457.9
 450.0    0.41    0.39   34.84   27.97    14.8   0.526  1458.3
 470.0    0.43    0.41   34.85   27.98    14.3   0.529  1458.7
 490.0    0.45    0.42   34.85   27.98    13.9   0.532  1459.1
 510.0    0.45    0.43   34.86   27.98    13.9   0.535  1459.5
 530.0    0.45    0.43   34.86   27.99    13.9   0.538  1459.8
 550.0    0.44    0.41   34.86   27.99    13.6   0.541  1460.1
 570.0    0.41    0.39   34.86   27.99    13.7   0.543  1460.3
 590.0    0.39    0.37   34.85   27.99    13.7   0.546  1460.6

                           DEPTH       TEMP.       SALIN

       BOT NUM = 1            3.1                  29.94
       BOT NUM = 2           38.8                  30.95
       BOT NUM = 3          239.0      -0.56       34.35
       BOT NUM = 4          498.3       0.46       34.85
       BOT NUM = 5          589.0       0.40       34.87
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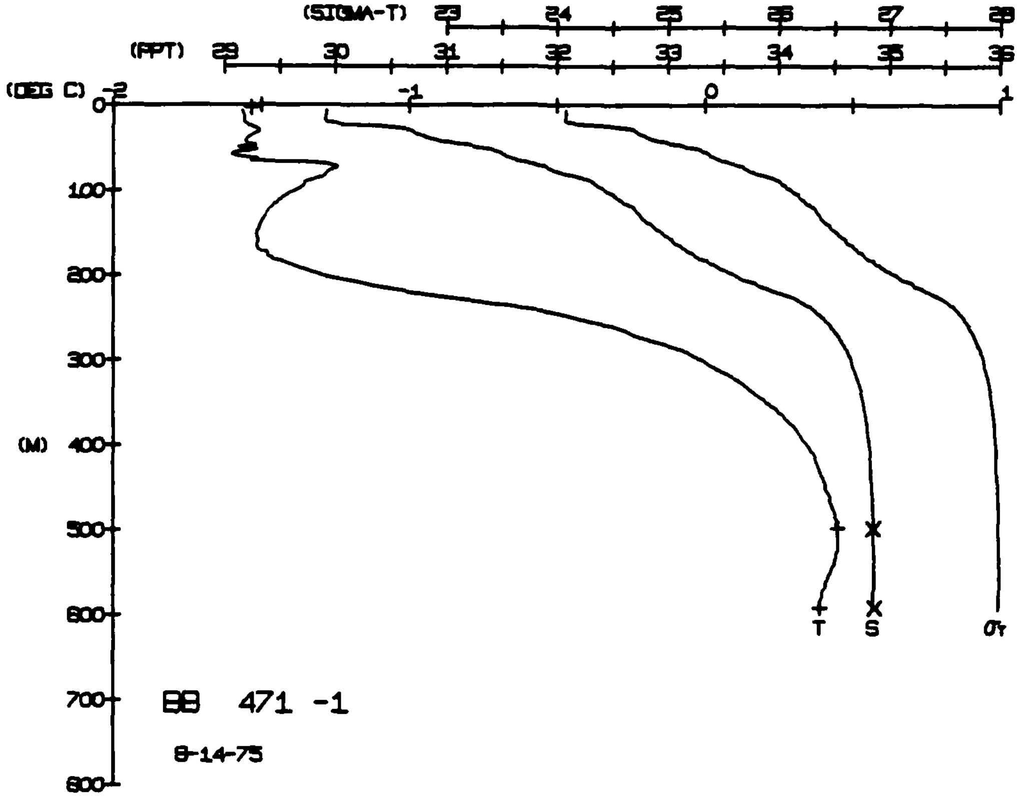

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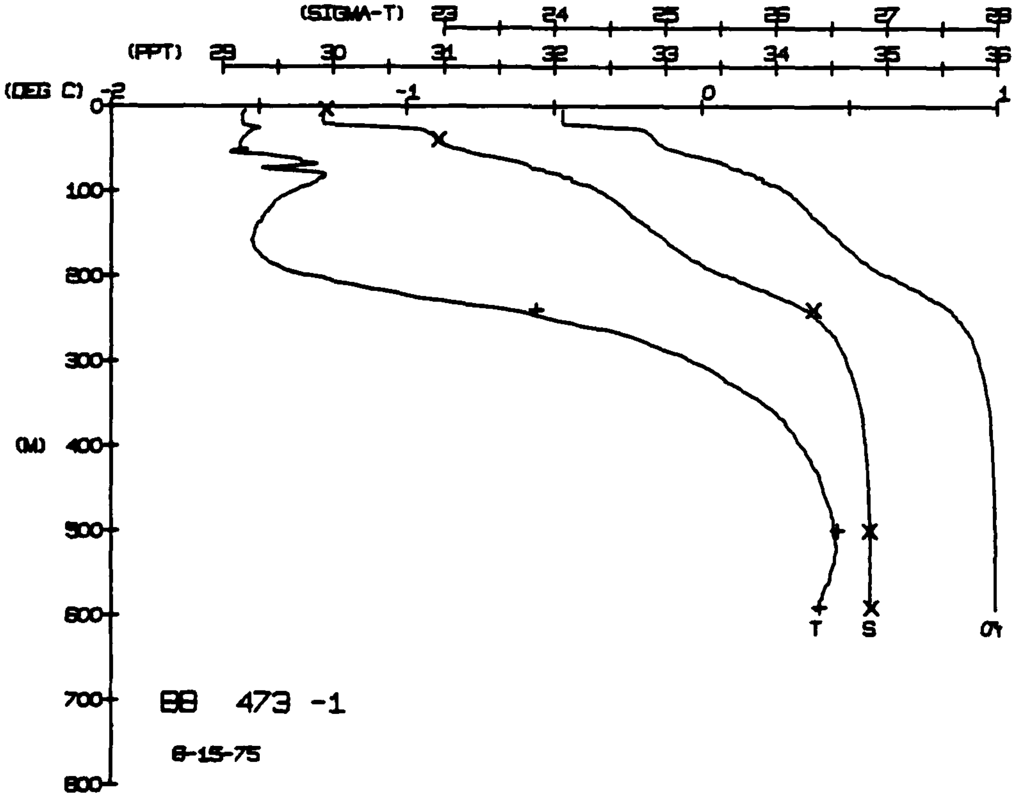
8-14-75



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8-15-75

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BIG BEAR STATION 475(1) CTD  15/AUG/1975 1709 GMT  CODE = 2
LAT = 74.7162N LNG = 140.2461W LTER =      2. LGER =     3.
AIR TEMP =  -1.3 BARUM = 1014.2 WIND = 142.4 SPEED =  26.7

 DEPTH   TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

    0.0  -1.51  -1.51   29.92   24.08   384.2   0.000   1435.1
    3.7  -1.51  -1.51   29.92   24.08   384.2   0.014   1435.1
    5.0  -1.50  -1.50   29.92   24.08   384.3   0.019   1435.2
   10.0  -1.51  -1.51   29.91   24.07   384.7   0.039   1435.2
   15.0  -1.52  -1.52   29.92   24.08   384.3   0.058   1435.2
   20.0  -1.53  -1.53   29.94   24.10   382.2   0.077   1435.3
   25.0  -1.52  -1.52   30.70   24.70   317.7   0.095   1436.6
   30.0  -1.54  -1.54   30.90   24.87   308.4   0.111   1436.8
   35.0  -1.56  -1.56   30.94   24.91   305.1   0.126   1436.8
   40.0  -1.58  -1.58   30.97   24.93   302.8   0.142   1436.9
   45.0  -1.57  -1.57   31.09   25.03   294.0   0.157   1437.1
   50.0  -1.57  -1.57   31.22   25.13   283.9   0.171   1437.4
   55.0  -1.56  -1.56   31.36   25.25   272.6   0.185   1437.7
   60.0  -1.48  -1.48   31.53   25.38   259.8   0.199   1438.5
   65.0  -1.39  -1.39   31.64   25.47   251.8   0.211   1439.1
   70.0  -1.33  -1.33   31.77   25.57   241.5   0.224   1439.7
   80.0  -1.27  -1.27   32.09   25.83   217.3   0.247   1440.6
   90.0  -1.31  -1.31   32.23   25.94   206.4   0.268   1440.7
  100.0  -1.37  -1.37   32.40   26.08   192.8   0.288   1440.9
  110.0  -1.44  -1.44   32.56   26.21   180.9   0.307   1440.9
  120.0  -1.47  -1.47   32.65   26.29   173.2   0.325   1441.1
  130.0  -1.49  -1.50   32.73   26.35   166.9   0.342   1441.2
  140.0  -1.50  -1.51   32.82   26.42   160.3   0.359   1441.5
  150.0  -1.51  -1.51   32.91   26.50   153.3   0.375   1441.7
  160.0  -1.51  -1.51   33.01   26.58   145.1   0.390   1442.0
  170.0  -1.50  -1.51   33.12   26.67   136.7   0.404   1442.4
  180.0  -1.47  -1.48   33.25   26.77   126.8   0.417   1442.9
  190.0  -1.41  -1.42   33.41   26.90   115.2   0.429   1443.6
  200.0  -1.31  -1.31   33.57   27.03   102.9   0.440   1444.4
  210.0  -1.17  -1.17   33.77   27.19    87.9   0.450   1445.6
  220.0  -1.04  -1.04   33.95   27.32    75.0   0.458   1446.6
  230.0  -0.82  -0.83   34.16   27.49    59.7   0.465   1448.0
  240.0  -0.61  -0.61   34.30   27.59    49.7   0.471   1449.4
  250.0  -0.45  -0.46   34.39   27.66    44.0   0.475   1450.4
  260.0  -0.33  -0.34   34.46   27.71    39.3   0.480   1451.2
  270.0  -0.25  -0.26   34.51   27.75    35.5   0.483   1451.8
  280.0  -0.15  -0.16   34.58   27.79    31.3   0.487   1452.6
  290.0  -0.07  -0.08   34.62   27.82    28.3   0.490   1453.1
  300.0  -0.02  -0.03   34.66   27.85    25.9   0.492   1453.6
  310.0   0.05   0.03   34.69   27.87    24.1   0.495   1454.1
  320.0   0.10   0.09   34.71   27.89    22.6   0.497   1454.6
  330.0   0.14   0.13   34.73   27.90    21.3   0.500   1454.9
  340.0   0.18   0.17   34.75   27.91    20.3   0.502   1455.3
  350.0   0.22   0.21   34.76   27.92    19.2   0.504   1455.7
  370.0   0.29   0.27   34.79   27.94    17.5   0.507   1456.3
  390.0   0.33   0.31   34.81   27.96    16.3   0.511   1456.9
  410.0   0.37   0.35   34.83   27.97    15.3   0.514   1457.4
  430.0   0.40   0.38   34.84   27.97    14.9   0.517   1457.9
  450.0   0.43   0.41   34.85   27.98    14.3   0.520   1458.4
  470.0   0.44   0.42   34.85   27.98    14.0   0.523   1458.8
  490.0   0.45   0.43   34.86   27.99    13.8   0.526   1459.2
  510.0   0.46   0.43   34.86   27.99    13.7   0.528   1459.5
  530.0   0.45   0.43   34.86   27.99    13.6   0.531   1459.8
  550.0   0.43   0.41   34.86   27.99    13.5   0.534   1460.1
  570.0   0.41   0.38   34.86   27.99    13.7   0.537   1460.3
  590.0   0.39   0.36   34.85   27.99    13.7   0.539   1460.5

                        DEPTH      TEMP.      SALIN

     BUT NUM = 1          3.1      -1.53      29.93
     BUT NUM = 2         36.4                 30.98
     BUT NUM = 3        248.6      -0.54      34.35
     BUT NUM = 4        499.3       0.46      34.85
     BUT NUM = 5        592.6       0.39      34.87
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BIG BEAR STATION 477(1) CTD  16/AUG/1975 1700 GMT  CODE = 2
LAT = 74.7334N LNG = 140.2225W LTER =      2. LGER =     3.
AIR TEMP =   0.9 BARUM = 1012.0 WIND = 206.1 SPEED =  19.1

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

    0.0  -1.51  -1.51   29.91   24.07   385.2   0.000   1435.0
    3.1  -1.51  -1.51   29.91   24.07   385.2   0.012   1435.1
    5.0  -1.52  -1.52   29.91   24.07   385.4   0.019   1435.1
   10.0  -1.53  -1.53   29.91   24.07   384.7   0.039   1435.1
   15.0  -1.53  -1.53   29.91   24.08   384.5   0.058   1435.2
   20.0  -1.54  -1.54   29.96   24.11   381.1   0.077   1435.3
   25.0  -1.53  -1.53   30.69   24.71   324.3   0.095   1436.5
   30.0  -1.53  -1.54   30.89   24.87   309.1   0.111   1436.8
   35.0  -1.56  -1.56   30.95   24.91   304.4   0.127   1436.9
   40.0  -1.59  -1.59   31.01   24.96   300.0   0.142   1436.9
   45.0  -1.57  -1.57   31.09   25.03   293.7   0.157   1437.1
   50.0  -1.58  -1.58   31.24   25.15   282.3   0.171   1437.4
   55.0  -1.58  -1.58   31.34   25.23   274.5   0.185   1437.6
   60.0  -1.60  -1.60   31.47   25.34   264.2   0.199   1437.8
   65.0  -1.62  -1.62   31.54   25.39   258.7   0.212   1437.9
   70.0  -1.60  -1.60   31.63   25.46   252.1   0.225   1438.2
   80.0  -1.31  -1.31   31.94   25.71   228.5   0.249   1440.2
   90.0  -1.30  -1.30   32.19   25.91   209.1   0.271   1440.7
  100.0  -1.37  -1.37   32.36   26.05   196.1   0.292   1440.8
  110.0  -1.43  -1.43   32.51   26.17   184.2   0.311   1440.9
  120.0  -1.46  -1.46   32.60   26.25   177.4   0.329   1441.0
  130.0  -1.49  -1.49   32.70   26.33   169.2   0.346   1441.2
  140.0  -1.51  -1.51   32.83   26.43   159.2   0.363   1441.5
  150.0  -1.52  -1.52   32.92   26.50   152.7   0.379   1441.7
  160.0  -1.51  -1.52   33.01   26.58   145.4   0.394   1442.0
  170.0  -1.50  -1.50   33.12   26.67   137.0   0.408   1442.4
  180.0  -1.47  -1.48   33.26   26.78   126.4   0.421   1442.9
  190.0  -1.39  -1.40   33.43   26.91   113.6   0.433   1443.7
  200.0  -1.31  -1.31   33.57   27.03   103.1   0.444   1444.4
  210.0  -1.17  -1.17   33.77   27.18    88.1   0.454   1445.5
  220.0  -1.02  -1.03   33.95   27.32    74.9   0.462   1446.7
  230.0  -0.83  -0.84   34.14   27.47    61.2   0.469   1448.0
  240.0  -0.62  -0.63   34.30   27.59    49.9   0.475   1449.3
  250.0  -0.49  -0.50   34.39   27.66    43.9   0.480   1450.2
  260.0  -0.34  -0.35   34.46   27.71    39.3   0.484   1451.2
  270.0  -0.23  -0.24   34.52   27.75    35.3   0.488   1452.0
  280.0  -0.15  -0.16   34.56   27.78    32.1   0.491   1452.5
  290.0  -0.09  -0.10   34.60   27.81    29.5   0.494   1453.0
  300.0  -0.03  -0.04   34.65   27.84    26.7   0.497   1453.5
  310.0   0.03   0.02   34.68   27.86    24.7   0.499   1454.0
  320.0   0.09   0.07   34.70   27.88    23.1   0.502   1454.5
  330.0   0.13   0.12   34.72   27.90    21.9   0.504   1454.9
  340.0   0.17   0.16   34.74   27.91    20.7   0.506   1455.3
  350.0   0.21   0.19   34.75   27.92    19.8   0.508   1455.6
  370.0   0.27   0.26   34.78   27.94    18.1   0.512   1456.3
  390.0   0.32   0.31   34.80   27.95    16.8   0.516   1456.9
  410.0   0.36   0.34   34.82   27.96    15.9   0.519   1457.4
  430.0   0.38   0.37   34.83   27.97    15.4   0.522   1457.8
  450.0   0.41   0.39   34.84   27.97    14.8   0.525   1458.3
  470.0   0.43   0.41   34.85   27.98    14.5   0.528   1458.7
  490.0   0.45   0.43   34.85   27.98    14.1   0.531   1459.1
  510.0   0.45   0.43   34.85   27.98    14.1   0.534   1459.5
  530.0   0.44   0.42   34.85   27.98    14.0   0.537   1459.8
  550.0   0.44   0.41   34.85   27.98    13.9   0.540   1460.1
  570.0   0.42   0.39   34.85   27.98    14.0   0.542   1460.3
  590.0   0.40   0.37   34.85   27.98    14.2   0.545   1460.6
  593.0   0.39   0.36   34.85   27.98    14.2   0.546   1460.6

                        DEPTH      TEMP.      SALIN

     BOT NUM = 1          3.1                 29.91
     BUT NUM = 2         37.4                 31.00
     BOT NUM = 3        244.7                 34.33
     BUT NUM = 4        498.3                 34.85
     BUT NUM = 5        593.4       0.40      34.87
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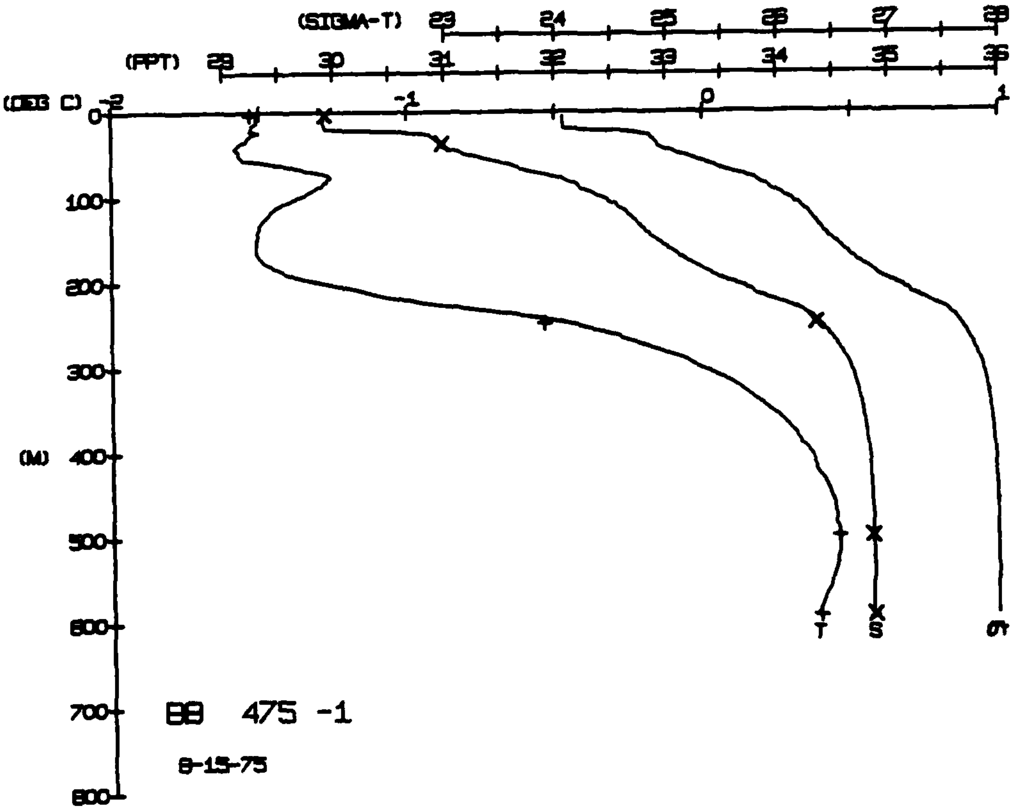

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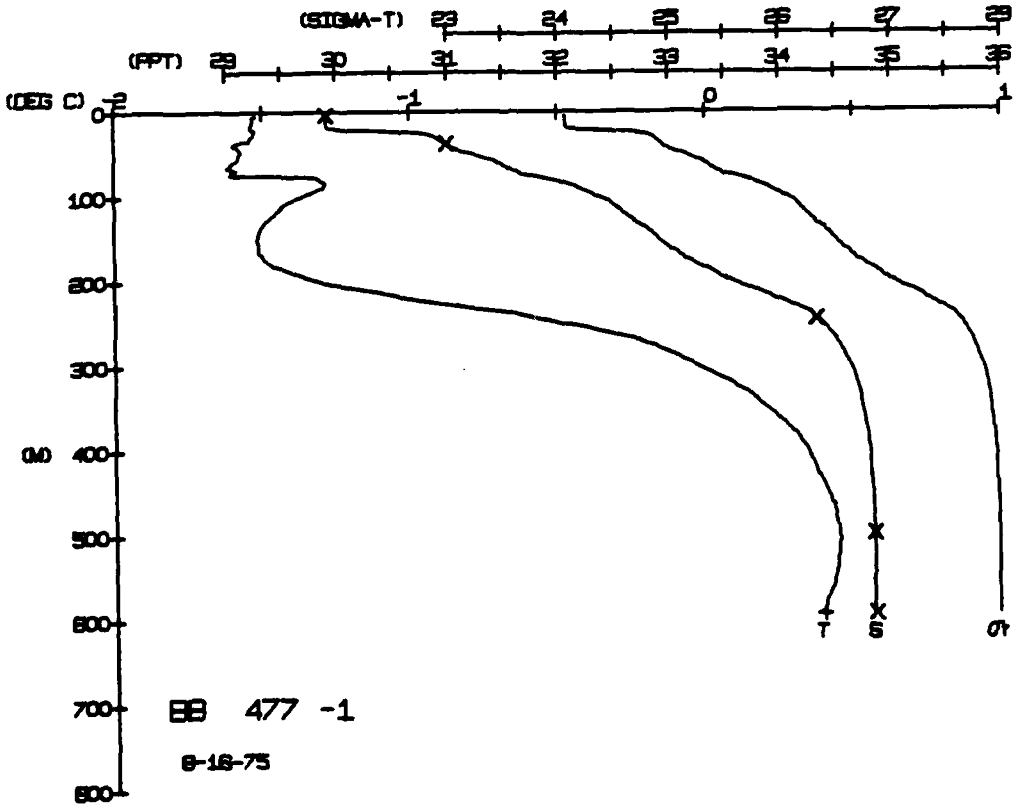
8-15-75



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8-16-75

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BIG BEAR STATION 479(1) CTD  17/AUG/1975  510 GMT  CODE = 2
LAT = 74.6946N LNG = 140.2767W LTER =      0, LGER =     0,
AIR TEMP =   0.9 BARUM = 1015.3 WIND = 206.1 SPEED =  19.1

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

  0.0   -1.51   -1.51   29.89   24.06   386.5   0.000   1435.0
  3.7   -1.51   -1.51   29.89   24.06   386.5   0.014   1435.1
  5.0   -1.52   -1.52   29.89   24.06   386.6   0.019   1435.1
 10.0   -1.51   -1.51   29.88   24.05   387.0   0.039   1435.2
 15.0   -1.51   -1.51   29.88   24.05   387.4   0.058   1435.2
 20.0   -1.54   -1.54   29.89   24.05   386.6   0.078   1435.2
 25.0   -1.54   -1.54   29.94   24.10   382.3   0.097   1435.4
 30.0   -1.50   -1.50   30.58   24.61   333.0   0.115   1436.5
 35.0   -1.52   -1.52   30.80   24.79   316.3   0.132   1436.8
 40.0   -1.55   -1.55   30.98   24.94   302.3   0.147   1437.0
 45.0   -1.52   -1.53   31.10   25.03   293.0   0.162   1437.4
 50.0   -1.46   -1.46   31.30   25.19   277.8   0.177   1438.0
 55.0   -1.39   -1.39   31.42   25.29   268.3   0.190   1438.6
 60.0   -1.31   -1.31   31.59   25.42   255.9   0.204   1439.3
 65.0   -1.31   -1.31   31.74   25.55   244.2   0.216   1439.6
 70.0   -1.25   -1.26   31.91   25.68   231.4   0.228   1440.2
 80.0   -1.29   -1.29   32.12   25.85   214.7   0.251   1440.5
 90.0   -1.34   -1.35   32.32   26.02   199.2   0.271   1440.7
100.0   -1.41   -1.41   32.48   26.15   186.8   0.291   1440.8
110.0   -1.44   -1.45   32.57   26.22   179.7   0.309   1440.9
120.0   -1.48   -1.48   32.70   26.32   169.8   0.327   1441.1
130.0   -1.50   -1.50   32.78   26.39   163.2   0.344   1441.3
140.0   -1.51   -1.51   32.87   26.47   155.9   0.360   1441.5
150.0   -1.51   -1.52   32.99   26.56   146.9   0.375   1441.8
160.0   -1.51   -1.51   33.07   26.63   141.1   0.390   1442.1
170.0   -1.49   -1.49   33.22   26.75   129.7   0.403   1442.6
180.0   -1.44   -1.45   33.32   26.83   121.5   0.416   1443.1
190.0   -1.38   -1.38   33.45   26.93   112.1   0.428   1443.8
200.0   -1.26   -1.26   33.64   27.08    98.0   0.438   1444.8
210.0   -1.10   -1.11   33.87   27.26    81.0   0.448   1446.0
220.0   -0.93   -0.94   34.05   27.40    67.8   0.455   1447.2
230.0   -0.72   -0.73   34.22   27.53    55.2   0.461   1448.6
240.0   -0.55   -0.56   34.33   27.61    48.1   0.466   1449.7
250.0   -0.41   -0.42   34.42   27.68    41.8   0.471   1450.6
260.0   -0.29   -0.30   34.49   27.73    37.1   0.475   1451.5
270.0   -0.21   -0.22   34.54   27.77    33.6   0.479   1452.1
280.0   -0.11   -0.12   34.59   27.80    30.2   0.482   1452.7
290.0   -0.05   -0.06   34.64   27.84    27.0   0.485   1453.3
300.0    0.02    0.01   34.67   27.86    25.0   0.487   1453.8
310.0    0.07    0.06   34.70   27.88    23.3   0.490   1454.2
320.0    0.11    0.10   34.71   27.89    22.2   0.492   1454.6
330.0    0.15    0.14   34.74   27.91    20.7   0.494   1455.0
340.0    0.19    0.17   34.75   27.92    19.8   0.496   1455.3
350.0    0.22    0.21   34.77   27.93    18.8   0.498   1455.7
370.0    0.28    0.27   34.79   27.94    17.4   0.502   1456.3
390.0    0.34    0.32   34.82   27.96    16.1   0.505   1456.9
410.0    0.39    0.37   34.83   27.97    15.0   0.508   1457.5
430.0    0.41    0.39   34.84   27.98    14.4   0.511   1458.0
450.0    0.42    0.40   34.85   27.98    14.1   0.514   1458.4
470.0    0.44    0.42   34.85   27.98    13.9   0.517   1458.8
490.0    0.45    0.43   34.86   27.99    13.8   0.520   1459.2
510.0    0.45    0.42   34.86   27.99    13.7   0.523   1459.5
530.0    0.45    0.42   34.86   27.99    13.6   0.525   1459.8
550.0    0.43    0.41   34.86   27.99    13.6   0.528   1460.1
570.0    0.40    0.38   34.86   27.99    13.6   0.531   1460.3
590.0    0.39    0.36   34.85   27.99    13.8   0.534   1460.5
590.2    0.39    0.36   34.85   27.99    13.8   0.534   1460.5

                           DEPTH       TEMP.       SALIN

        BOT NUM = 1          3.1       -1.51       29.92
        BOT NUM = 2         37.1                   30.82
        BOT NUM = 3        244.4                   34.33
        BOT NUM = 4        496.3                   34.85
        BOT NUM = 5        593.2        0.39       34.87
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```
BIG BEAR STATION 481(1) CTD  17/AUG/1975 1715 GMT  CODE = 2
LAT = 74.6680N LNG = 140.4024W LTER =      0, LGER =     0,
AIR TEMP =  -4.3 BARUM = 1020.6 WIND =   6.9 SPEED =  36.7

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.54   -1.54   29.90   24.06   385.9   0.000   1434.9
  3.7   -1.54   -1.54   29.90   24.06   385.9   0.014   1435.0
  5.0   -1.54   -1.54   29.90   24.06   386.0   0.019   1435.0
 10.0   -1.53   -1.53   29.89   24.06   386.5   0.039   1435.1
 15.0   -1.52   -1.52   29.89   24.05   386.6   0.058   1435.2
 20.0   -1.53   -1.53   29.88   24.05   387.0   0.078   1435.3
 25.0   -1.54   -1.54   29.90   24.06   385.7   0.097   1435.3
 30.0   -1.51   -1.51   30.39   24.46   347.5   0.116   1436.2
 35.0   -1.53   -1.53   30.78   24.78   317.7   0.132   1436.7
 40.0   -1.56   -1.56   30.87   24.85   310.7   0.148   1436.8
 45.0   -1.57   -1.57   30.96   24.92   303.7   0.164   1437.0
 50.0   -1.54   -1.54   31.15   25.08   288.8   0.179   1437.5
 55.0   -1.40   -1.40   31.44   25.31   267.1   0.193   1438.6
 60.0   -1.34   -1.34   31.60   25.43   254.8   0.206   1439.2
 65.0   -1.29   -1.29   31.75   25.56   243.1   0.218   1439.7
 70.0   -1.34   -1.34   31.88   25.66   233.2   0.230   1439.8
 80.0   -1.28   -1.28   32.09   25.83   217.3   0.253   1440.5
 90.0   -1.34   -1.34   32.28   25.98   202.6   0.274   1440.7
100.0   -1.40   -1.40   32.43   26.10   190.9   0.294   1440.7
110.0   -1.44   -1.45   32.56   26.22   180.2   0.313   1440.9
120.0   -1.48   -1.48   32.66   26.30   172.4   0.331   1441.0
130.0   -1.50   -1.51   32.75   26.37   165.3   0.348   1441.2
140.0   -1.51   -1.52   32.83   26.44   159.1   0.364   1441.4
150.0   -1.52   -1.52   32.93   26.51   152.0   0.380   1441.7
160.0   -1.52   -1.52   33.01   26.58   145.6   0.395   1442.0
170.0   -1.51   -1.52   33.12   26.67   136.6   0.409   1442.4
180.0   -1.48   -1.48   33.23   26.76   128.3   0.422   1442.8
190.0   -1.42   -1.43   33.39   26.88   116.6   0.435   1443.5
200.0   -1.33   -1.33   33.54   27.01   105.0   0.446   1444.3
210.0   -1.20   -1.21   33.74   27.16    90.5   0.456   1445.3
220.0   -1.04   -1.05   33.94   27.32    75.7   0.464   1446.5
230.0   -0.86   -0.87   34.13   27.47    61.5   0.471   1447.8
240.0   -0.68   -0.69   34.26   27.56    52.6   0.477   1449.0
250.0   -0.52   -0.53   34.37   27.64    45.1   0.482   1450.1
260.0   -0.40   -0.41   34.45   27.71    39.3   0.486   1450.9
270.0   -0.30   -0.31   34.51   27.75    35.5   0.490   1451.6
280.0   -0.19   -0.20   34.57   27.79    31.8   0.493   1452.4
290.0   -0.10   -0.11   34.61   27.82    28.9   0.496   1453.0
300.0   -0.03   -0.04   34.64   27.84    26.7   0.499   1453.5
310.0    0.03    0.01   34.67   27.86    24.8   0.502   1454.0
320.0    0.08    0.07   34.70   27.88    22.9   0.504   1454.4
330.0    0.13    0.11   34.73   27.90    21.4   0.506   1454.9
340.0    0.17    0.15   34.74   27.91    20.4   0.508   1455.2
350.0    0.20    0.19   34.76   27.92    19.3   0.510   1455.6
370.0    0.27    0.26   34.79   27.94    17.6   0.514   1456.3
390.0    0.32    0.31   34.81   27.96    16.3   0.518   1456.9
410.0    0.36    0.35   34.83   27.97    15.5   0.521   1457.4
430.0    0.39    0.37   34.83   27.97    15.1   0.524   1457.9
450.0    0.41    0.39   34.84   27.98    14.5   0.527   1458.3
470.0    0.44    0.42   34.85   27.98    14.0   0.530   1458.8
490.0    0.44    0.42   34.86   27.99    13.8   0.533   1459.1
510.0    0.45    0.43   34.86   27.99    13.6   0.535   1459.5
530.0    0.44    0.42   34.86   27.99    13.5   0.538   1459.8
550.0    0.44    0.41   34.86   27.99    13.5   0.541   1460.1
570.0    0.41    0.39   34.86   27.99    13.7   0.544   1460.3
590.0    0.39    0.36   34.85   27.99    13.7   0.546   1460.6

                           DEPTH       TEMP.       SALIN

        BOT NUM = 1          3.1       -1.52       29.92
        BOT NUM = 2         38.4                   30.85
        BOT NUM = 3        248.2       -0.61       34.31
        BOT NUM = 4        498.2        0.46       34.85
        BOT NUM = 5        592.1        0.40       34.87
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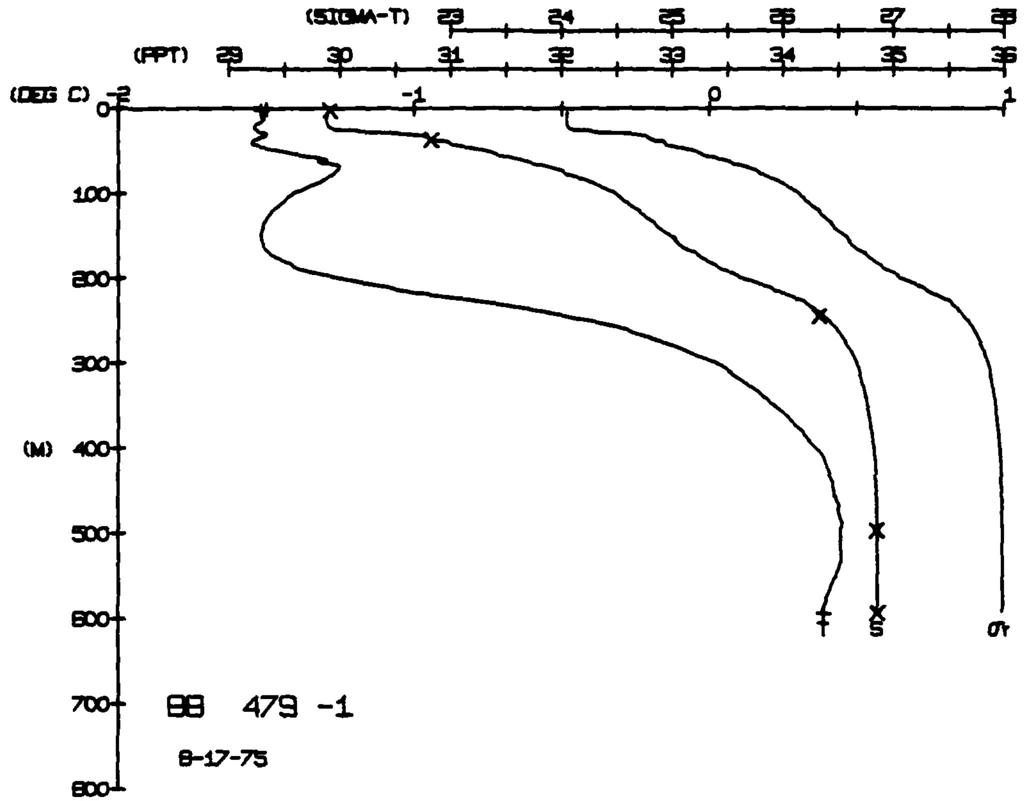
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(PPT) 29 30 31 32 33 34 35 36
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(M)
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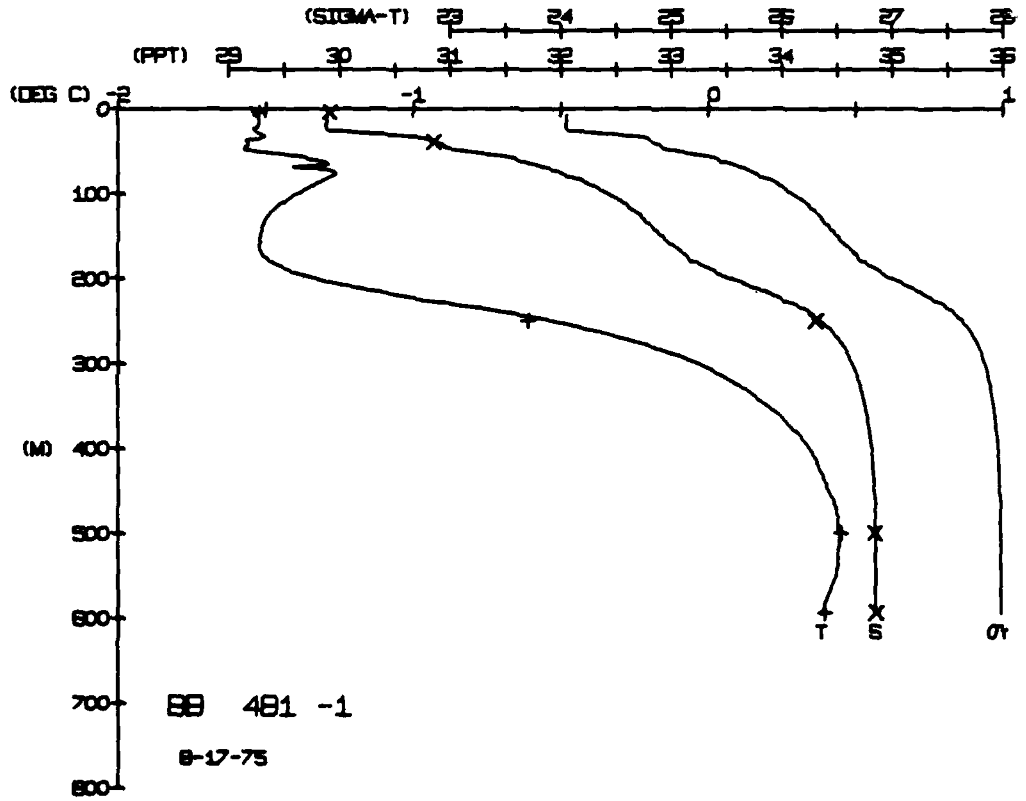
σT
BB 479 -1
8-17-75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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0 100 200 300 400 500 600 700 800
(M)
T
S
σT
BB 481 -1
8-17-75

```
BIG BEAR STATION 403(1) CTD  18/AUG/1975  440 GMT  CODE = 2
LAT = 74.6602N LNG = 140.4053W LTER =     0. LGER =     0.
AIR TEMP =  -4.3 BAROM = 1022.7 WIND =   6.9 SPEED =  36.7

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.54   -1.54   29.91   24.07   385.1   0.000   1434.9
   3.7   -1.54   -1.54   29.91   24.07   385.1   0.014   1435.0
   5.0   -1.54   -1.54   29.91   24.07   385.3   0.019   1435.0
  10.0   -1.53   -1.53   29.90   24.06   385.9   0.039   1435.1
  15.0   -1.53   -1.53   29.89   24.06   386.5   0.058   1435.2
  20.0   -1.52   -1.52   29.89   24.05   386.5   0.078   1435.3
  25.0   -1.54   -1.54   29.91   24.07   384.9   0.097   1435.3
  30.0   -1.52   -1.52   30.41   24.48   346.2   0.116   1436.2
  35.0   -1.52   -1.52   30.68   24.70   325.3   0.132   1436.7
  40.0   -1.54   -1.54   30.86   24.84   311.7   0.148   1436.9
  45.0   -1.55   -1.55   30.99   24.94   301.5   0.164   1437.1
  50.0   -1.57   -1.57   31.13   25.06   290.2   0.179   1437.3
  55.0   -1.44   -1.45   31.36   25.25   272.8   0.193   1438.3
  60.0   -1.37   -1.38   31.51   25.37   261.3   0.206   1438.9
  65.0   -1.53   -1.53   31.68   25.50   248.2   0.219   1438.5
  70.0   -1.31   -1.31   31.79   25.59   237.8   0.232   1439.8
  80.0   -1.28   -1.28   32.09   25.83   217.0   0.255   1440.5
  90.0   -1.34   -1.34   32.29   25.99   201.8   0.276   1440.7
 100.0   -1.40   -1.40   32.44   26.12   189.6   0.295   1440.8
 110.0   -1.44   -1.45   32.55   26.21   181.2   0.314   1440.9
 120.0   -1.48   -1.49   32.65   26.28   173.7   0.332   1441.0
 130.0   -1.50   -1.50   32.73   26.35   167.3   0.349   1441.2
 140.0   -1.51   -1.52   32.82   26.42   160.3   0.366   1441.4
 150.0   -1.53   -1.53   32.92   26.50   152.7   0.382   1441.7
 160.0   -1.52   -1.53   33.03   26.59   144.1   0.397   1442.0
 170.0   -1.52   -1.52   33.13   26.68   136.0   0.411   1442.3
 180.0   -1.48   -1.49   33.24   26.77   127.6   0.424   1442.8
 190.0   -1.42   -1.42   33.38   26.87   117.4   0.436   1443.5
 200.0   -1.30   -1.31   33.58   27.03   102.3   0.447   1444.5
 210.0   -1.21   -1.22   33.73   27.16    90.7   0.457   1445.3
 220.0   -1.04   -1.05   33.94   27.31    75.9   0.466   1446.5
 230.0   -0.84   -0.85   34.15   27.48    60.1   0.472   1447.9
 240.0   -0.68   -0.69   34.26   27.56    52.5   0.478   1449.0
 250.0   -0.54   -0.55   34.35   27.63    46.3   0.483   1449.9
 260.0   -0.42   -0.43   34.44   27.70    40.1   0.488   1450.8
 270.0   -0.29   -0.30   34.51   27.75    35.1   0.491   1451.6
 280.0   -0.17   -0.18   34.57   27.79    31.4   0.495   1452.5
 290.0   -0.08   -0.09   34.62   27.82    28.6   0.498   1453.1
 300.0   -0.01   -0.02   34.66   27.85    25.9   0.500   1453.6
 310.0    0.04    0.03   34.69   27.87    24.0   0.503   1454.1
 320.0    0.09    0.08   34.71   27.89    22.5   0.505   1454.5
 330.0    0.14    0.12   34.73   27.90    21.2   0.508   1454.9
 340.0    0.18    0.17   34.75   27.92    19.8   0.510   1455.3
 350.0    0.21    0.20   34.77   27.93    18.9   0.512   1455.6
 370.0    0.28    0.26   34.79   27.94    17.4   0.515   1456.3
 390.0    0.33    0.31   34.81   27.96    16.2   0.519   1456.9
 410.0    0.36    0.35   34.83   27.97    15.4   0.522   1457.4
 430.0    0.39    0.37   34.84   27.97    14.7   0.525   1457.9
 450.0    0.41    0.39   34.85   27.98    14.3   0.528   1458.3
 470.0    0.43    0.41   34.85   27.98    13.9   0.531   1458.7
 490.0    0.44    0.42   34.86   27.99    13.6   0.533   1459.1
 510.0    0.45    0.43   34.86   27.99    13.6   0.536   1459.5
 530.0    0.44    0.42   34.86   27.99    13.6   0.539   1459.8
 550.0    0.43    0.41   34.86   27.99    13.4   0.542   1460.1
 570.0    0.41    0.38   34.86   27.99    13.5   0.544   1460.3
 590.0    0.39    0.36   34.85   27.99    13.6   0.547   1460.6

                        DEPTH       TEMP.       SALIN

       BOT NUM = 1        3.1                   29.93
       BOT NUM = 2       37.8                   30.83
       BOT NUM = 3      244.8       -0.62       34.31
       BOT NUM = 4      498.7        0.44       34.85
       BOT NUM = 5      593.8        0.40       34.87
```

```
BIG BEAR STATION 405(1) CTD  18/AUG/1975 1653 GMT  CODE = 2
LAT = 74.6527N LNG = 140.5398W LTER =    10. LGER =    13.
AIR TEMP =  -3.6 BAROM = 1023.6 WIND =  16.4 SPEED =  22.9

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.49   -1.49   29.89   24.05   386.9   0.000   1435.1
   5.0   -1.49   -1.49   29.89   24.05   386.8   0.019   1435.2
   6.9   -1.49   -1.49   29.89   24.05   386.8   0.027   1435.2
  10.0   -1.50   -1.50   29.89   24.06   386.3   0.039   1435.3
  15.0   -1.51   -1.51   29.90   24.06   385.7   0.058   1435.3
  20.0   -1.52   -1.52   29.90   24.07   385.4   0.078   1435.3
  25.0   -1.53   -1.53   29.93   24.08   383.6   0.097   1435.4
  30.0   -1.51   -1.51   30.49   24.54   340.4   0.115   1436.3
  35.0   -1.51   -1.51   30.78   24.77   317.8   0.132   1436.8
  40.0   -1.51   -1.51   30.96   24.92   304.2   0.148   1437.1
  45.0   -1.55   -1.55   31.13   25.06   290.8   0.163   1437.3
  50.0   -1.58   -1.58   31.30   25.20   277.2   0.177   1437.5
  55.0   -1.57   -1.57   31.45   25.32   265.8   0.191   1437.8
  60.0   -1.34   -1.34   31.63   25.46   252.3   0.204   1439.2
  65.0   -1.42   -1.42   31.75   25.56   242.7   0.216   1439.1
  70.0   -1.28   -1.28   31.92   25.69   230.4   0.228   1440.1
  80.0   -1.28   -1.28   32.13   25.87   213.8   0.250   1440.6
  90.0   -1.34   -1.35   32.33   26.03   198.3   0.271   1440.7
 100.0   -1.41   -1.41   32.47   26.14   187.5   0.291   1440.8
 110.0   -1.43   -1.44   32.55   26.21   181.1   0.309   1440.9
 120.0   -1.47   -1.47   32.65   26.29   173.1   0.327   1441.1
 130.0   -1.50   -1.50   32.76   26.37   165.2   0.344   1441.2
 140.0   -1.50   -1.51   32.85   26.45   158.2   0.360   1441.5
 150.0   -1.51   -1.52   32.93   26.51   151.9   0.376   1441.7
 160.0   -1.52   -1.52   33.03   26.59   144.1   0.391   1442.0
 170.0   -1.51   -1.51   33.15   26.69   134.8   0.405   1442.4
 180.0   -1.48   -1.48   33.25   26.78   126.7   0.418   1442.9
 190.0   -1.42   -1.42   33.39   26.89   116.1   0.431   1443.5
 200.0   -1.31   -1.32   33.57   27.03   103.0   0.442   1444.4
 210.0   -1.19   -1.19   33.75   27.17    89.2   0.451   1445.4
 220.0   -1.03   -1.04   33.96   27.34    73.9   0.460   1446.6
 230.0   -0.83   -0.84   34.17   27.49    59.0   0.466   1448.0
 240.0   -0.66   -0.67   34.28   27.58    51.3   0.472   1449.1
 250.0   -0.53   -0.53   34.37   27.65    44.8   0.477   1450.0
 260.0   -0.44   -0.45   34.44   27.70    40.0   0.481   1450.7
 270.0   -0.30   -0.31   34.52   27.75    35.0   0.485   1451.6
 280.0   -0.17   -0.18   34.57   27.79    31.4   0.488   1452.5
 290.0   -0.08   -0.09   34.61   27.82    28.9   0.491   1453.1
 300.0   -0.02   -0.03   34.65   27.85    26.4   0.494   1453.6
 310.0    0.04    0.03   34.68   27.87    24.5   0.497   1454.1
 320.0    0.09    0.08   34.70   27.88    23.0   0.499   1454.5
 330.0    0.14    0.12   34.73   27.90    21.5   0.501   1454.9
 340.0    0.18    0.17   34.75   27.91    20.2   0.503   1455.3
 350.0    0.21    0.20   34.76   27.92    19.2   0.505   1455.6
 370.0    0.28    0.27   34.79   27.94    17.6   0.509   1456.3
 390.0    0.33    0.31   34.81   27.96    16.4   0.512   1456.9
 410.0    0.37    0.36   34.83   27.97    15.5   0.516   1457.4
 430.0    0.40    0.38   34.84   27.97    14.9   0.519   1457.9
 450.0    0.42    0.40   34.85   27.98    14.4   0.522   1458.4
 470.0    0.44    0.42   34.85   27.98    14.0   0.525   1458.8
 490.0    0.45    0.43   34.86   27.99    13.7   0.527   1459.2
 510.0    0.45    0.43   34.86   27.99    13.5   0.530   1459.5
 530.0    0.45    0.42   34.86   27.99    13.4   0.533   1459.8
 550.0    0.44    0.41   34.86   27.99    13.3   0.536   1460.1
 570.0    0.41    0.39   34.86   27.99    13.4   0.538   1460.3
 590.0    0.40    0.37   34.86   27.99    13.6   0.541   1460.6
 593.4    0.40    0.37   34.85   27.99    13.7   0.541   1460.6

                        DEPTH       TEMP.       SALIN

       BOT NUM = 1        3.1                   29.91
       BOT NUM = 2       37.7                   30.86
       BOT NUM = 3      244.3                   34.30
       BOT NUM = 4      497.7        0.45       34.85
       BOT NUM = 5      594.6        0.39       34.87
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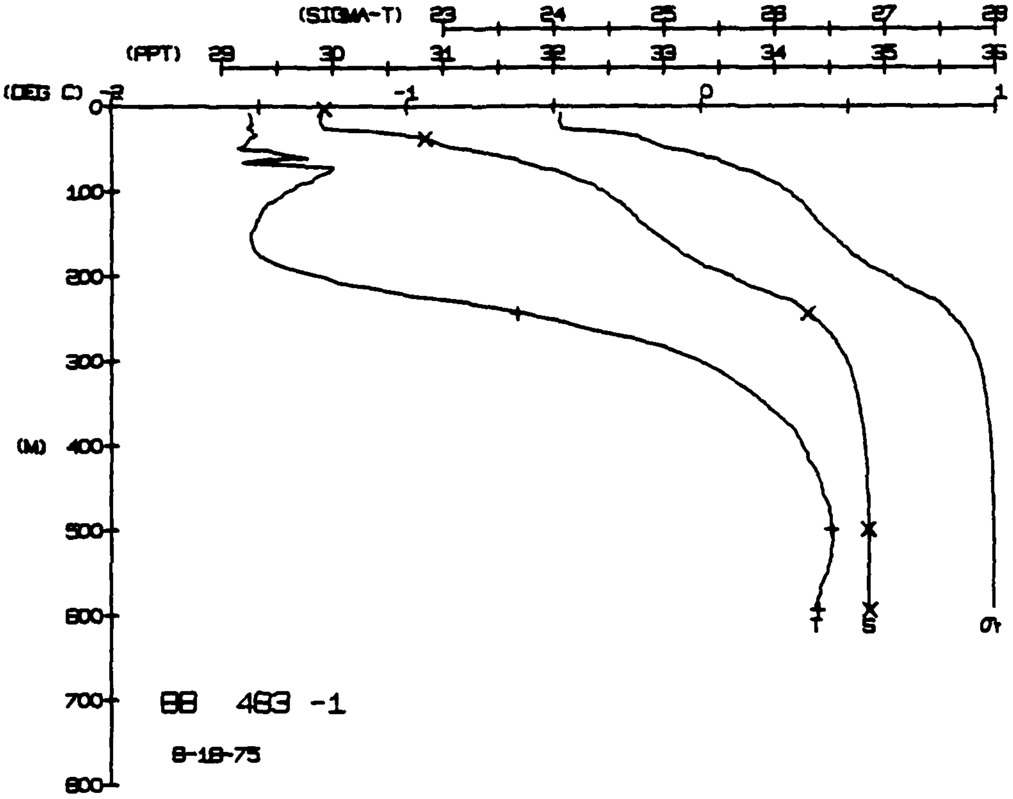

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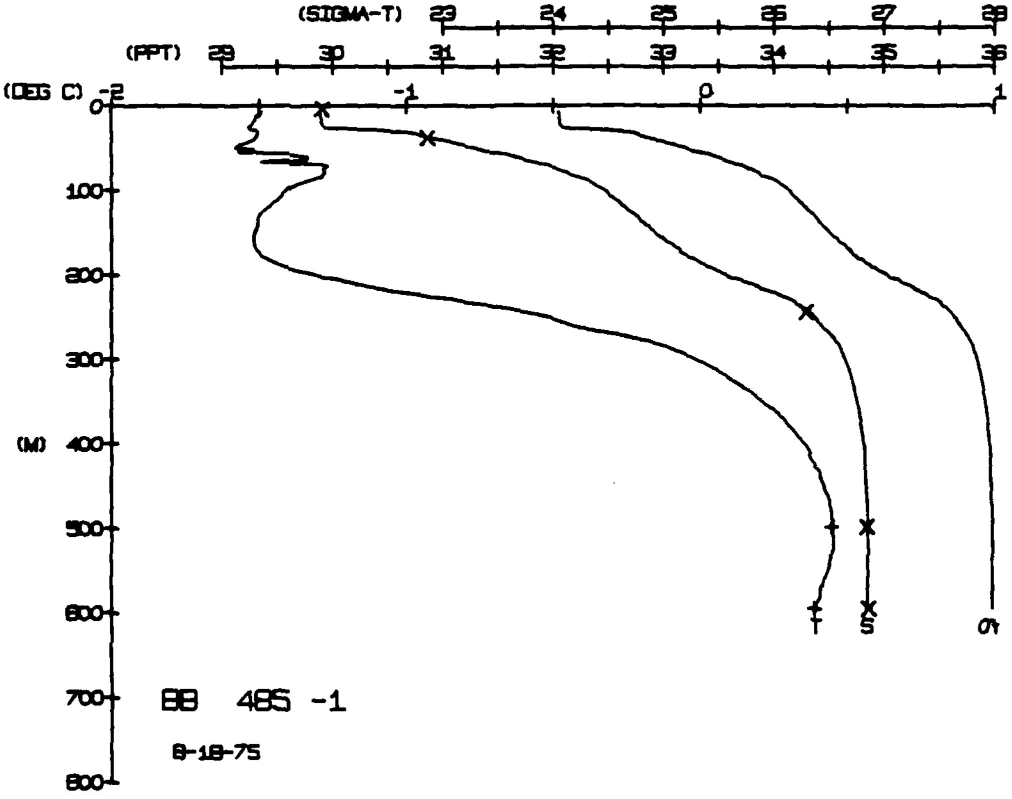

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BIG BEAR STATION 407(1) CTD  19/AUG/1975  530 GMT  CODE = 2
LAT = 74.6474N LNG = 140.6892W LTER =   109, LGER =   133,
AIR TEMP =  -3.6 BAROM = 1023.2 WIND =  16.4 SPEED =  22.9

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

    0.0   -1.52   -1.52   29.88   24.05   387.5   0.000   1434.9
    5.0   -1.52   -1.52   29.88   24.05   387.4   0.020   1435.0
    5.6   -1.52   -1.52   29.88   24.05   387.4   0.022   1435.0
   10.0   -1.52   -1.52   29.88   24.05   387.0   0.039   1435.1
   15.0   -1.51   -1.51   29.89   24.06   386.4   0.058   1435.3
   20.0   -1.51   -1.51   29.91   24.07   384.8   0.078   1435.4
   25.0   -1.51   -1.51   29.95   24.10   382.0   0.097   1435.5
   30.0   -1.50   -1.50   30.17   24.29   364.4   0.116   1436.0
   35.0   -1.48   -1.48   30.76   24.76   319.4   0.133   1436.9
   40.0   -1.55   -1.55   30.93   24.90   305.7   0.149   1437.0
   45.0   -1.56   -1.56   31.20   25.12   285.0   0.164   1437.4
   50.0   -1.52   -1.52   31.35   25.24   273.5   0.178   1437.9
   55.0   -1.54   -1.55   31.46   25.32   265.4   0.191   1437.9
   60.0   -1.41   -1.41   31.58   25.42   256.2   0.205   1438.9
   65.0   -1.31   -1.31   31.69   25.51   247.6   0.217   1439.6
   70.0   -1.26   -1.26   31.83   25.62   237.4   0.230   1440.1
   80.0   -1.32   -1.32   32.07   25.81   218.6   0.252   1440.3
   90.0   -1.34   -1.35   32.27   25.98   203.2   0.274   1440.6
  100.0   -1.40   -1.40   32.42   26.10   191.3   0.294   1440.8
  110.0   -1.43   -1.43   32.52   26.18   183.4   0.313   1440.9
  120.0   -1.47   -1.47   32.62   26.27   175.3   0.331   1441.0
  130.0   -1.49   -1.49   32.72   26.34   168.2   0.348   1441.2
  140.0   -1.50   -1.50   32.79   26.40   162.2   0.365   1441.5
  150.0   -1.51   -1.51   32.90   26.49   154.1   0.381   1441.7
  160.0   -1.52   -1.52   32.98   26.56   147.6   0.396   1442.0
  170.0   -1.50   -1.51   33.08   26.64   140.1   0.410   1442.3
  180.0   -1.48   -1.48   33.20   26.74   130.5   0.424   1442.8
  190.0   -1.43   -1.44   33.35   26.85   119.5   0.437   1443.4
  200.0   -1.33   -1.33   33.52   26.98   107.0   0.448   1444.3
  210.0   -1.20   -1.21   33.70   27.13    93.6   0.458   1445.3
  220.0   -1.04   -1.05   33.92   27.30    77.4   0.467   1446.5
  230.0   -0.86   -0.87   34.12   27.45    62.9   0.474   1447.8
  240.0   -0.66   -0.67   34.26   27.56    53.2   0.480   1449.1
  250.0   -0.55   -0.56   34.34   27.62    46.9   0.485   1449.9
  260.0   -0.42   -0.43   34.43   27.68    41.3   0.489   1450.8
  270.0   -0.30   -0.31   34.50   27.74    36.5   0.493   1451.6
  280.0   -0.20   -0.21   34.54   27.77    33.4   0.497   1452.3
  290.0   -0.12   -0.13   34.59   27.80    30.5   0.500   1452.9
  300.0   -0.02   -0.03   34.63   27.83    27.7   0.503   1453.5
  310.0    0.05    0.03   34.67   27.86    25.4   0.506   1454.1
  320.0    0.10    0.09   34.70   27.88    23.6   0.508   1454.5
  330.0    0.15    0.13   34.72   27.89    22.1   0.510   1454.9
  340.0    0.18    0.17   34.74   27.90    21.1   0.513   1455.3
  350.0    0.21    0.19   34.75   27.91    20.2   0.515   1455.6
  370.0    0.27    0.26   34.78   27.93    18.6   0.519   1456.3
  390.0    0.32    0.30   34.79   27.94    17.5   0.522   1456.8
  410.0    0.36    0.34   34.81   27.96    16.4   0.526   1457.4
  430.0    0.39    0.37   34.82   27.96    15.9   0.529   1457.9
  450.0    0.42    0.40   34.83   27.97    15.3   0.532   1458.3
  470.0    0.44    0.42   34.84   27.97    15.0   0.535   1458.7
  490.0    0.45    0.43   34.85   27.98    14.6   0.538   1459.1
  510.0    0.45    0.43   34.85   27.98    14.6   0.541   1459.5
  530.0    0.45    0.43   34.85   27.98    14.5   0.544   1459.8
  550.0    0.44    0.41   34.85   27.98    14.5   0.547   1460.1
  570.0    0.42    0.39   34.85   27.98    14.4   0.550   1460.3
  590.0    0.40    0.37   34.84   27.98    14.6   0.553   1460.6

                          DEPTH      TEMP.       SALIN

        BOT NUM = 1         3.1      -1.51       29.92
        BOT NUM = 2        37.8                  30.98
        BOT NUM = 3       245.0      -0.63       34.30
        BOT NUM = 4       497.6       0.45       34.85
        BOT NUM = 5       590.8       0.40       34.87
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BIG BEAR STATION 409(1) CTD  19/AUG/1975 1700 GMT  CODE = 2
LAT = 74.6471N LNG = 140.7975W LTER =     2, LGER =     3,
AIR TEMP =  -4.0 BAROM = 1020.2 WIND =  64.4 SPEED =  23.9

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

    0.0   -1.52   -1.52   29.91   24.07   385.4   0.000   1435.0
    3.7   -1.52   -1.52   29.91   24.07   385.4   0.014   1435.1
    5.0   -1.52   -1.52   29.90   24.07   385.5   0.019   1435.1
   10.0   -1.52   -1.52   29.90   24.06   386.0   0.039   1435.2
   15.0   -1.51   -1.51   29.90   24.06   386.0   0.058   1435.3
   20.0   -1.51   -1.51   29.90   24.06   385.9   0.078   1435.3
   25.0   -1.52   -1.52   30.04   24.17   375.1   0.097   1435.6
   30.0   -1.53   -1.53   30.88   24.86   309.8   0.114   1436.8
   35.0   -1.56   -1.56   30.98   24.93   302.5   0.130   1436.9
   40.0   -1.57   -1.57   31.11   25.05   291.8   0.144   1437.1
   45.0   -1.57   -1.57   31.27   25.17   280.1   0.159   1437.4
   50.0   -1.60   -1.60   31.40   25.28   269.5   0.173   1437.5
   55.0   -1.59   -1.59   31.51   25.36   261.4   0.186   1437.8
   60.0   -1.60   -1.60   31.64   25.47   250.9   0.199   1438.0
   65.0   -1.59   -1.59   31.73   25.55   244.1   0.211   1438.3
   70.0   -1.45   -1.45   31.82   25.62   237.2   0.224   1439.2
   80.0   -1.34   -1.34   32.04   25.79   220.6   0.247   1440.1
   90.0   -1.33   -1.33   32.24   25.96   205.1   0.268   1440.6
  100.0   -1.38   -1.38   32.40   26.08   193.3   0.288   1440.8
  110.0   -1.42   -1.42   32.49   26.16   185.9   0.307   1440.9
  120.0   -1.45   -1.46   32.59   26.24   177.7   0.326   1441.1
  130.0   -1.48   -1.48   32.71   26.33   168.9   0.343   1441.3
  140.0   -1.51   -1.51   32.79   26.40   162.2   0.360   1441.4
  150.0   -1.51   -1.52   32.89   26.48   154.5   0.376   1441.7
  160.0   -1.52   -1.52   32.99   26.56   147.1   0.391   1442.0
  170.0   -1.51   -1.51   33.10   26.65   138.7   0.405   1442.3
  180.0   -1.50   -1.50   33.18   26.72   132.0   0.419   1442.7
  190.0   -1.44   -1.44   33.35   26.85   119.3   0.432   1443.3
  200.0   -1.36   -1.37   33.48   26.96   109.3   0.443   1444.0
  210.0   -1.24   -1.24   33.69   27.13    93.6   0.454   1445.1
  220.0   -1.09   -1.09   33.90   27.28    78.9   0.462   1446.3
  230.0   -0.92   -0.93   34.09   27.44    64.4   0.470   1447.5
  240.0   -0.73   -0.74   34.25   27.55    53.5   0.475   1448.8
  250.0   -0.58   -0.59   34.35   27.63    46.2   0.481   1449.8
  260.0   -0.45   -0.46   34.44   27.70    40.2   0.485   1450.6
  270.0   -0.32   -0.33   34.51   27.75    35.4   0.489   1451.5
  280.0   -0.23   -0.24   34.56   27.78    32.5   0.492   1452.2
  290.0   -0.14   -0.15   34.60   27.81    29.5   0.495   1452.8
  300.0   -0.04   -0.05   34.65   27.84    26.7   0.498   1453.5
  310.0    0.03    0.02   34.68   27.87    24.5   0.501   1454.0
  320.0    0.09    0.07   34.71   27.89    22.6   0.503   1454.5
  330.0    0.13    0.11   34.73   27.90    21.2   0.505   1454.9
  340.0    0.17    0.15   34.75   27.91    20.3   0.507   1455.2
  350.0    0.21    0.20   34.76   27.92    19.3   0.509   1455.6
  370.0    0.28    0.26   34.79   27.94    17.7   0.513   1456.3
  390.0    0.33    0.31   34.81   27.96    16.4   0.517   1456.9
  410.0    0.36    0.35   34.83   27.97    15.5   0.520   1457.4
  430.0    0.39    0.37   34.84   27.97    15.0   0.523   1457.9
  450.0    0.42    0.40   34.85   27.98    14.4   0.526   1458.3
  470.0    0.44    0.42   34.85   27.98    13.9   0.529   1458.8
  490.0    0.45    0.43   34.86   27.99    13.8   0.531   1459.2
  510.0    0.45    0.43   34.86   27.99    13.7   0.534   1459.5
  530.0    0.46    0.43   34.86   27.99    13.5   0.537   1459.9
  550.0    0.43    0.41   34.86   27.99    13.3   0.540   1460.1
  570.0    0.41    0.38   34.86   27.99    13.5   0.542   1460.3
  590.0    0.39    0.36   34.86   27.99    13.6   0.545   1460.6

                          DEPTH      TEMP.       SALIN

        BOT NUM = 1         3.1      -1.51       29.92
        BOT NUM = 2        38.5                  31.03
        BOT NUM = 3       245.0                  34.28
        BOT NUM = 4       496.5                  34.85
        BOT NUM = 5       595.2       0.40       34.87
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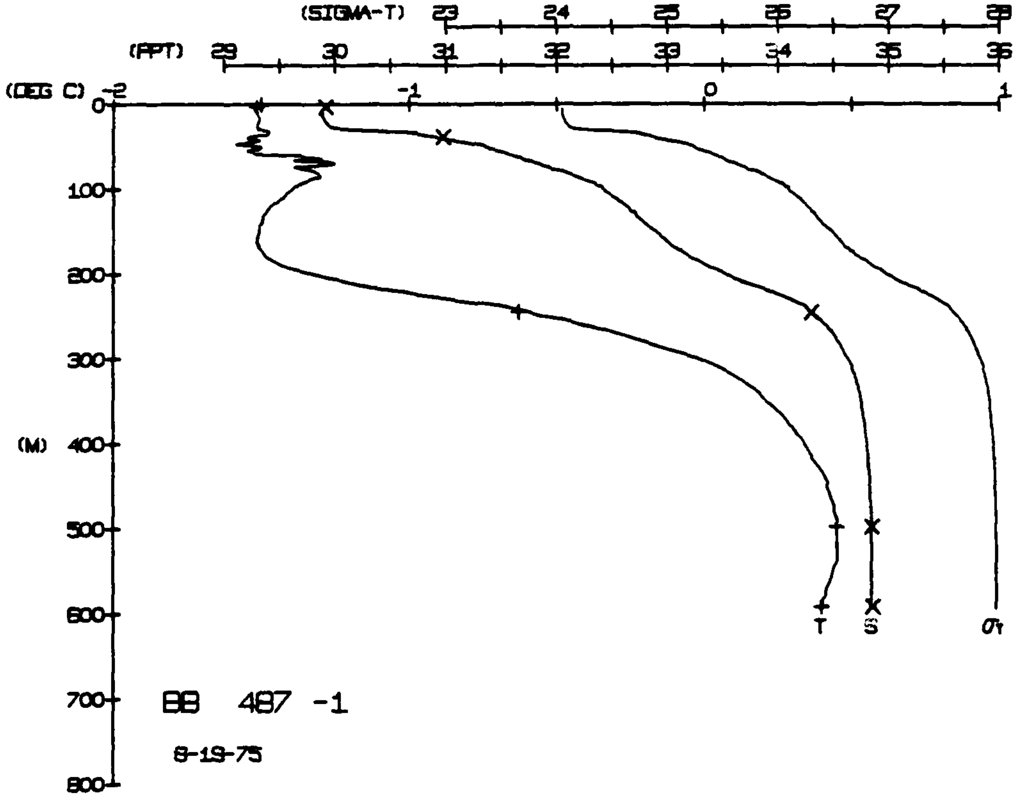

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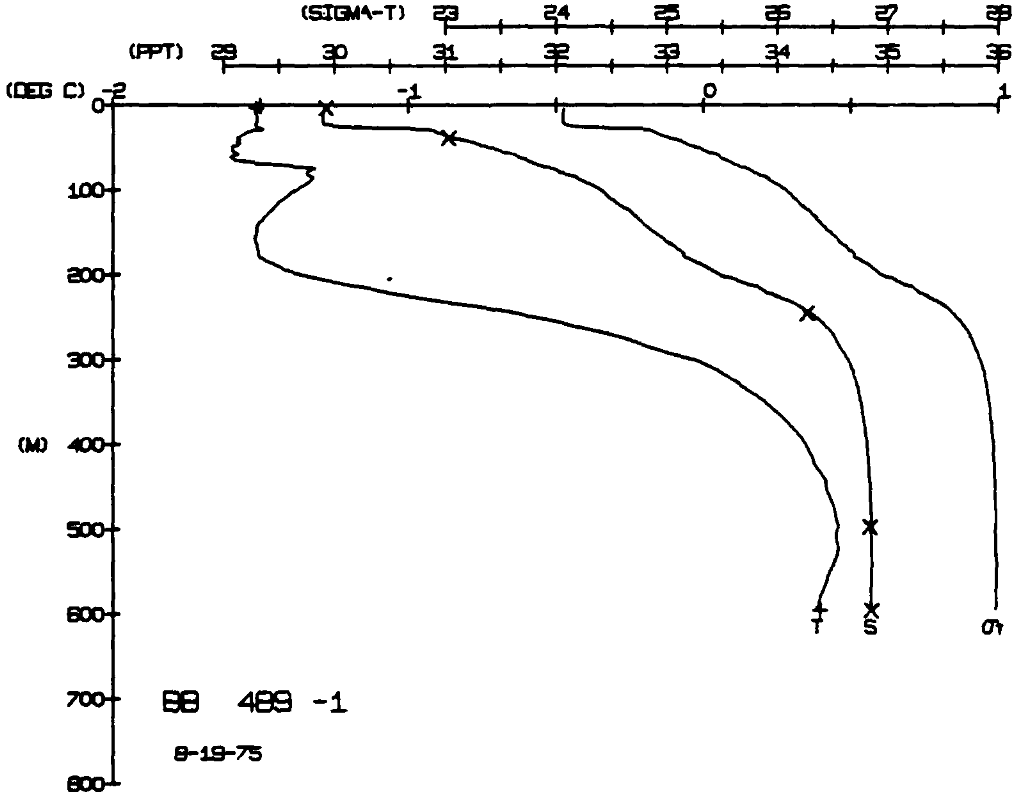

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BIG BEAR STATION 491(1) CTD  20/AUG/1975  500 GMT  CODE = 2
LAT = 74.6646N LNG = 141.0185W LTER =       1, LGER =      1.
AIR TEMP =   -4.0 BARUM = 1015.9 WIND =  64.4 SPEED =  23.9

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.49   -1.49   29.86   24.04   388.6   0.000   1435.1
   5.0   -1.49   -1.49   29.86   24.04   388.5   0.020   1435.2
   5.0   -1.49   -1.49   29.86   24.04   388.5   0.020   1435.2
  10.0   -1.49   -1.49   29.86   24.03   389.0   0.039   1435.2
  15.0   -1.49   -1.49   29.85   24.03   389.3   0.059   1435.3
  20.0   -1.49   -1.49   29.85   24.03   389.2   0.078   1435.4
  25.0   -1.49   -1.49   30.41   24.48   346.1   0.097   1436.3
  30.0   -1.47   -1.47   30.84   24.82   313.2   0.113   1437.0
  35.0   -1.52   -1.53   31.05   24.99   297.1   0.129   1437.1
  40.0   -1.57   -1.57   31.22   25.13   283.9   0.143   1437.3
  45.0   -1.58   -1.58   31.33   25.22   275.0   0.158   1437.4
  50.0   -1.57   -1.57   31.44   25.31   267.0   0.171   1437.7
  55.0   -1.56   -1.56   31.60   25.44   254.4   0.184   1438.1
  60.0   -1.51   -1.51   31.73   25.55   244.1   0.197   1438.6
  65.0   -1.49   -1.49   31.82   25.61   237.8   0.209   1438.9
  70.0   -1.35   -1.36   32.03   25.78   222.0   0.221   1439.9
  80.0   -1.31   -1.31   32.17   25.89   211.0   0.242   1440.5
  90.0   -1.32   -1.32   32.30   26.00   201.1   0.263   1440.8
 100.0   -1.36   -1.36   32.39   26.07   194.1   0.283   1440.9
 110.0   -1.39   -1.39   32.45   26.13   188.8   0.302   1441.0
 120.0   -1.43   -1.43   32.55   26.20   181.3   0.321   1441.1
 130.0   -1.46   -1.46   32.62   26.26   175.7   0.339   1441.2
 140.0   -1.48   -1.48   32.70   26.33   169.2   0.356   1441.4
 150.0   -1.49   -1.50   32.78   26.39   163.5   0.373   1441.6
 160.0   -1.50   -1.51   32.86   26.46   156.9   0.389   1441.9
 170.0   -1.51   -1.51   32.97   26.55   148.5   0.405   1442.2
 180.0   -1.50   -1.50   33.09   26.65   139.1   0.419   1442.5
 190.0   -1.47   -1.48   33.22   26.75   129.2   0.433   1443.0
 200.0   -1.39   -1.40   33.42   26.91   114.2   0.445   1443.8
 210.0   -1.24   -1.24   33.69   27.12    94.4   0.456   1445.1
 220.0   -1.08   -1.09   33.92   27.31    76.6   0.464   1446.3
 230.0   -0.90   -0.91   34.09   27.43    64.9   0.471   1447.6
 240.0   -0.72   -0.73   34.25   27.55    53.6   0.477   1448.8
 250.0   -0.55   -0.56   34.36   27.64    45.7   0.482   1449.9
 260.0   -0.42   -0.43   34.43   27.69    41.0   0.487   1450.8
 270.0   -0.31   -0.32   34.50   27.74    36.1   0.491   1451.6
 280.0   -0.20   -0.21   34.56   27.78    32.3   0.494   1452.3
 290.0   -0.10   -0.11   34.60   27.81    29.6   0.497   1453.0
 300.0   -0.02   -0.03   34.65   27.84    26.7   0.500   1453.6
 310.0    0.05    0.03   34.68   27.86    24.7   0.503   1454.1
 320.0    0.10    0.09   34.70   27.88    23.0   0.505   1454.5
 330.0    0.14    0.13   34.73   27.90    21.3   0.507   1454.9
 340.0    0.18    0.17   34.75   27.91    20.1   0.509   1455.3
 350.0    0.23    0.21   34.76   27.92    19.4   0.511   1455.7
 370.0    0.28    0.27   34.79   27.94    17.7   0.515   1456.3
 390.0    0.33    0.31   34.81   27.96    16.4   0.519   1456.9
 410.0    0.37    0.36   34.83   27.97    15.5   0.522   1457.4
 430.0    0.40    0.38   34.83   27.97    15.1   0.525   1457.9
 450.0    0.43    0.41   34.84   27.98    14.6   0.528   1458.4
 470.0    0.44    0.42   34.85   27.98    14.0   0.531   1458.8
 490.0    0.45    0.43   34.86   27.99    13.8   0.534   1459.2
 510.0    0.46    0.44   34.86   27.99    13.6   0.536   1459.5
 530.0    0.46    0.44   34.86   27.99    13.6   0.539   1459.9
 550.0    0.45    0.42   34.86   27.99    13.6   0.542   1460.1
 570.0    0.42    0.40   34.86   27.99    13.7   0.545   1460.4
 590.0    0.40    0.37   34.85   27.99    13.8   0.547   1460.6
 591.0    0.39    0.37   34.85   27.99    13.8   0.548   1460.6

                         DEPTH       TEMP.       SALIN

     BOT NUM = 1            3.1      -1.50       29.89
     BOT NUM = 2           38.4                  31.12
     BOT NUM = 3          240.7      -0.67       34.30
     BOT NUM = 4          497.4       0.44       34.85
     BOT NUM = 5          593.0       0.39       34.86
```

```
BIG BEAR STATION 493(1) CTD  20/AUG/1975 1715 GMT  CODE = 2
LAT = 74.6699N LNG = 141.2363W LTER =       0, LGER =      0.
AIR TEMP =   -0.3 BARUM = 1012.7 WIND =  47.3 SPEED =  46.8

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0   -1.54   -1.54   29.83   24.01   391.1   0.000   1434.8
  3.7   -1.54   -1.54   29.83   24.01   391.1   0.015   1434.9
  5.0   -1.53   -1.54   29.83   24.01   391.1   0.020   1434.9
 10.0   -1.53   -1.53   29.83   24.01   391.2   0.039   1435.0
 15.0   -1.52   -1.52   29.83   24.01   391.2   0.059   1435.1
 20.0   -1.52   -1.52   29.88   24.05   386.9   0.079   1435.3
 25.0   -1.50   -1.50   30.44   24.50   343.6   0.097   1436.2
 30.0   -1.50   -1.50   30.82   24.81   314.3   0.114   1436.8
 35.0   -1.54   -1.54   30.97   24.93   303.3   0.129   1436.9
 40.0   -1.55   -1.55   31.13   25.06   290.9   0.144   1437.2
 45.0   -1.58   -1.58   31.26   25.16   280.6   0.159   1437.3
 50.0   -1.59   -1.59   31.37   25.25   272.1   0.172   1437.5
 55.0   -1.57   -1.57   31.49   25.35   263.0   0.186   1437.9
 60.0   -1.58   -1.58   31.59   25.43   254.9   0.199   1438.1
 65.0   -1.57   -1.57   31.68   25.50   248.0   0.212   1438.3
 70.0   -1.56   -1.56   31.78   25.59   240.2   0.224   1438.6
 80.0   -1.36   -1.36   32.02   25.77   222.4   0.247   1440.0
 90.0   -1.33   -1.33   32.24   25.95   205.5   0.269   1440.7
100.0   -1.37   -1.37   32.41   26.09   192.6   0.289   1440.9
110.0   -1.41   -1.41   32.51   26.17   184.2   0.308   1441.0
120.0   -1.46   -1.46   32.63   26.27   175.2   0.326   1441.1
130.0   -1.48   -1.49   32.71   26.33   168.9   0.343   1441.2
140.0   -1.50   -1.50   32.80   26.41   161.6   0.360   1441.5
150.0   -1.51   -1.52   32.88   26.47   155.6   0.376   1441.7
160.0   -1.51   -1.52   32.98   26.56   147.5   0.391   1442.0
170.0   -1.51   -1.51   33.07   26.63   140.7   0.406   1442.3
180.0   -1.49   -1.49   33.17   26.71   133.1   0.420   1442.7
190.0   -1.45   -1.46   33.30   26.81   123.3   0.433   1443.2
200.0   -1.38   -1.39   33.45   26.93   111.9   0.445   1443.9
210.0   -1.25   -1.26   33.69   27.12    93.7   0.455   1445.0
220.0   -1.08   -1.09   33.91   27.29    78.1   0.464   1446.3
230.0   -0.94   -0.94   34.06   27.41    66.5   0.471   1447.4
240.0   -0.78   -0.79   34.21   27.53    56.0   0.477   1448.5
250.0   -0.62   -0.63   34.31   27.60    49.3   0.482   1449.5
260.0   -0.46   -0.47   34.41   27.67    42.2   0.487   1450.6
270.0   -0.34   -0.35   34.49   27.73    37.2   0.491   1451.4
280.0   -0.22   -0.23   34.56   27.78    32.3   0.495   1452.2
290.0   -0.11   -0.12   34.60   27.81    29.6   0.498   1452.9
300.0   -0.04   -0.05   34.64   27.84    27.3   0.501   1453.5
310.0    0.02    0.01   34.67   27.86    25.3   0.503   1454.0
320.0    0.07    0.06   34.69   27.87    23.8   0.506   1454.4
330.0    0.11    0.10   34.71   27.89    22.3   0.508   1454.8
340.0    0.16    0.14   34.74   27.91    20.8   0.510   1455.2
350.0    0.20    0.19   34.76   27.92    19.6   0.512   1455.6
370.0    0.27    0.26   34.79   27.94    17.7   0.516   1456.3
390.0    0.33    0.31   34.81   27.95    16.7   0.519   1456.9
410.0    0.37    0.36   34.82   27.96    15.7   0.523   1457.4
430.0    0.40    0.38   34.83   27.97    15.1   0.526   1457.9
450.0    0.42    0.40   34.85   27.98    14.4   0.529   1458.4
470.0    0.44    0.42   34.85   27.98    14.1   0.532   1458.8
490.0    0.46    0.44   34.86   27.99    13.7   0.534   1459.2
510.0    0.46    0.44   34.86   27.99    13.5   0.537   1459.6
530.0    0.46    0.43   34.86   27.99    13.5   0.540   1459.9
550.0    0.45    0.42   34.86   27.99    13.4   0.543   1460.2
570.0    0.43    0.40   34.86   27.99    13.6   0.545   1460.4
590.0    0.40    0.38   34.86   27.99    13.7   0.548   1460.6
591.2    0.40    0.37   34.85   27.99    13.7   0.548   1460.6

                         DEPTH       TEMP.       SALIN

     BOT NUM = 1            3.1      -1.53       29.86
     BOT NUM = 2           47.0                  31.28
     BOT NUM = 3          244.4      -0.72       34.22
     BOT NUM = 4          497.1       0.46       34.85
     BOT NUM = 5          591.8       0.41       34.86
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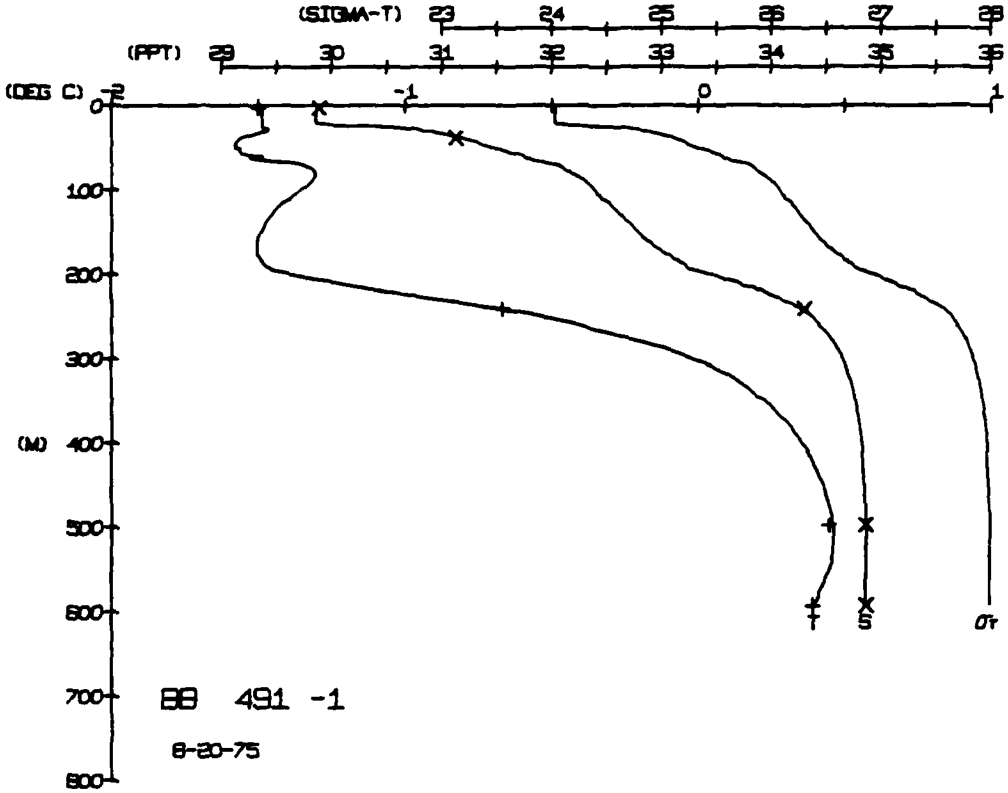

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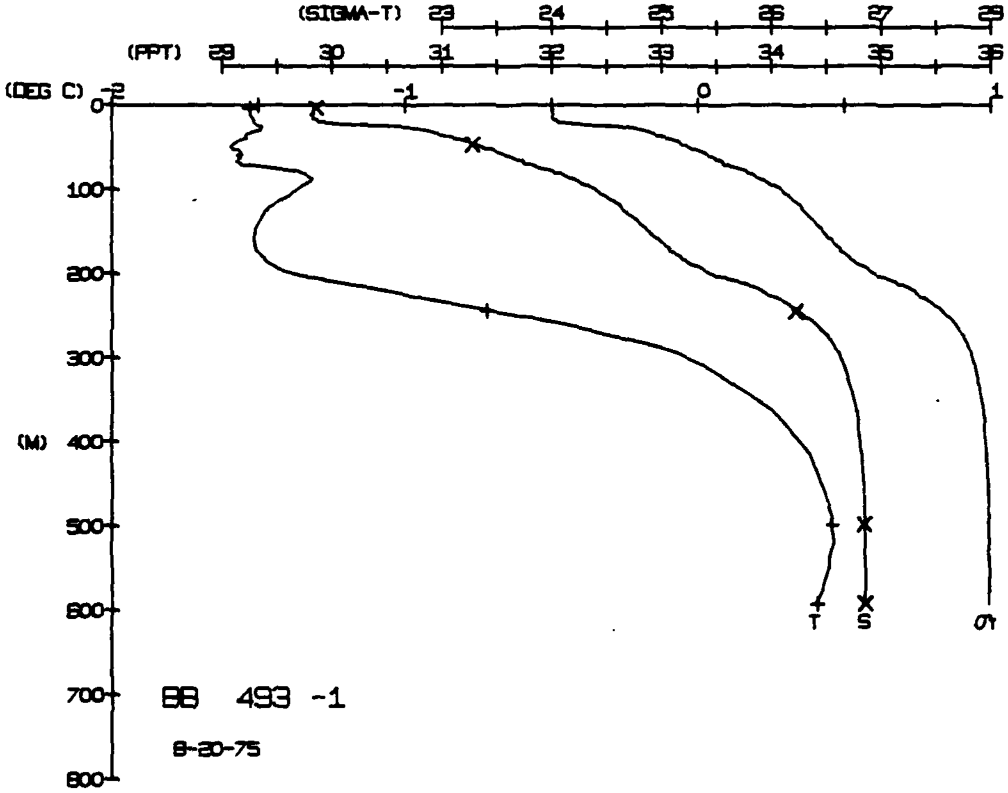

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BIG BEAR STATION 495(2) CTD  21/AUG/1975  445 GMT  CODE = 2
LAT = 74.6739N LNG = 141.3817W LTER =      2. LGER =      4.
AIR TEMP =  -0.3 BARUM = 1011.5 WIND =  47.3 SPEED =  46.8

 DEPTH   TEMP   PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.52  -1.52  29.87  24.04  388.3  0.000  1434.9
   5.0  -1.52  -1.52  29.87  24.04  388.2  0.020  1435.0
   6.1  -1.52  -1.52  29.87  24.04  388.2  0.024  1435.0
  10.0  -1.52  -1.52  29.87  24.04  388.3  0.039  1435.1
  15.0  -1.52  -1.52  29.87  24.04  388.3  0.059  1435.2
  20.0  -1.50  -1.50  29.89  24.05  386.6  0.078  1435.4
  25.0  -1.47  -1.47  30.42  24.48  345.5  0.097  1436.4
  30.0  -1.46  -1.46  30.68  24.70  325.2  0.113  1436.9
  35.0  -1.51  -1.51  30.80  24.79  316.1  0.130  1436.9
  40.0  -1.54  -1.54  30.96  24.92  303.5  0.145  1437.0
  45.0  -1.53  -1.53  31.18  25.10  286.7  0.160  1437.5
  50.0  -1.54  -1.54  31.33  25.22  275.1  0.174  1437.7
  55.0  -1.55  -1.55  31.48  25.34  263.5  0.188  1438.0
  60.0  -1.45  -1.45  31.61  25.44  253.9  0.201  1438.7
  65.0  -1.44  -1.44  31.73  25.54  244.5  0.213  1439.0
  70.0  -1.38  -1.38  31.84  25.63  236.4  0.226  1439.5
  80.0  -1.27  -1.27  32.10  25.84  216.4  0.248  1440.6
  90.0  -1.31  -1.31  32.26  25.97  203.9  0.270  1440.8
 100.0  -1.37  -1.37  32.42  26.10  191.2  0.289  1440.9
 110.0  -1.41  -1.42  32.53  26.19  182.7  0.308  1441.0
 120.0  -1.45  -1.45  32.62  26.26  175.5  0.326  1441.1
 130.0  -1.48  -1.48  32.73  26.36  166.9  0.344  1441.3
 140.0  -1.49  -1.50  32.81  26.42  160.8  0.360  1441.5
 150.0  -1.50  -1.50  32.90  26.49  153.8  0.376  1441.8
 160.0  -1.51  -1.51  33.01  26.58  145.8  0.391  1442.0
 170.0  -1.50  -1.51  33.08  26.64  139.8  0.406  1442.3
 180.0  -1.48  -1.48  33.19  26.73  131.3  0.419  1442.8
 190.0  -1.44  -1.44  33.32  26.83  121.7  0.432  1443.3
 200.0  -1.36  -1.36  33.48  26.96  109.4  0.444  1444.1
 210.0  -1.22  -1.22  33.68  27.11   95.1  0.454  1445.2
 220.0  -1.10  -1.10  33.86  27.26   81.4  0.463  1446.2
 230.0  -0.94  -0.95  34.06  27.41   66.9  0.470  1447.4
 240.0  -0.72  -0.72  34.23  27.54   54.7  0.477  1448.8
 250.0  -0.58  -0.59  34.33  27.61   47.8  0.482  1449.7
 260.0  -0.43  -0.44  34.43  27.69   40.8  0.486  1450.7
 270.0  -0.33  -0.34  34.50  27.74   36.2  0.490  1451.4
 280.0  -0.22  -0.23  34.56  27.78   32.2  0.494  1452.2
 290.0  -0.10  -0.11  34.61  27.82   28.9  0.497  1453.0
 300.0  -0.01  -0.02  34.66  27.85   26.1  0.499  1453.6
 310.0   0.05   0.04  34.69  27.87   24.1  0.502  1454.1
 320.0   0.09   0.08  34.71  27.89   22.4  0.504  1454.5
 330.0   0.14   0.12  34.73  27.90   21.0  0.506  1454.9
 340.0   0.18   0.16  34.75  27.92   19.6  0.509  1455.3
 350.0   0.22   0.20  34.77  27.93   18.8  0.510  1455.7
 370.0   0.27   0.26  34.79  27.95   17.2  0.514  1456.3
 390.0   0.32   0.31  34.81  27.96   16.1  0.517  1456.9
 410.0   0.37   0.35  34.83  27.97   15.1  0.521  1457.4
 430.0   0.39   0.37  34.84  27.98   14.5  0.524  1457.9
 450.0   0.42   0.40  34.85  27.98   14.1  0.527  1458.4
 470.0   0.44   0.41  34.86  27.99   13.6  0.529  1458.8
 490.0   0.45   0.43  34.86  27.99   13.3  0.532  1459.2
 510.0   0.46   0.44  34.86  27.99   13.2  0.535  1459.5
 530.0   0.45   0.42  34.87  28.00   13.0  0.537  1459.8
 550.0   0.43   0.41  34.87  27.99   13.0  0.540  1460.1
 570.0   0.42   0.39  34.86  27.99   13.1  0.543  1460.3
 590.0   0.39   0.36  34.86  27.99   13.4  0.545  1460.6

                        DEPTH      TEMP.      SALIN

        BOT NUM = 1        3.1     -1.51      29.88
        BOT NUM = 2       37.9                30.84
        BOT NUM = 3      498.5      0.45      34.85
        BOT NUM = 4      589.0      0.41      34.86
```

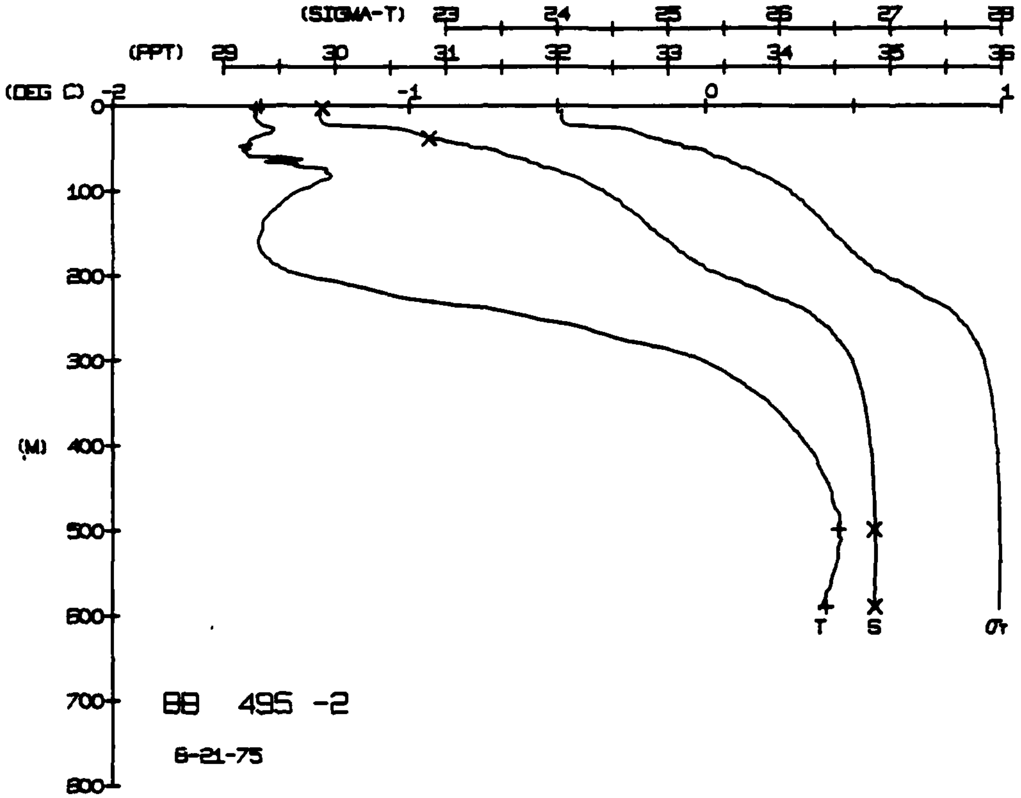
```
BIG BEAR STATION 497(1) CTD  21/AUG/1975 1645 GMT  CODE = 2
LAT = 74.6727N LNG = 141.4399W LTER =      2. LGER =      4.
AIR TEMP =  -0.1 BARUM = 1012.7 WIND =  15.2 SPEED =  22.3

 DEPTH   TEMP   PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.54  -1.54  29.86  24.04  388.6  0.000  1434.9
   3.1  -1.54  -1.54  29.86  24.04  388.6  0.012  1434.9
   5.0  -1.54  -1.54  29.86  24.03  388.7  0.020  1434.9
  10.0  -1.53  -1.53  29.86  24.03  389.0  0.039  1435.0
  15.0  -1.53  -1.53  29.85  24.03  389.2  0.059  1435.1
  20.0  -1.53  -1.53  29.85  24.02  389.6  0.078  1435.2
  25.0  -1.50  -1.50  30.13  24.25  367.6  0.097  1435.8
  30.0  -1.46  -1.46  30.65  24.67  327.9  0.115  1436.8
  35.0  -1.47  -1.47  30.78  24.77  318.1  0.131  1437.0
  40.0  -1.48  -1.48  30.92  24.89  307.0  0.147  1437.3
  45.0  -1.45  -1.46  31.13  25.06  291.0  0.167  1437.8
  50.0  -1.44  -1.44  31.26  25.16  280.6  0.176  1438.1
  55.0  -1.44  -1.44  31.45  25.32  265.7  0.190  1438.4
  60.0  -1.51  -1.51  31.61  25.45  253.3  0.203  1438.4
  65.0  -1.48  -1.48  31.69  25.51  247.6  0.216  1438.7
  70.0  -1.39  -1.39  31.82  25.61  237.8  0.228  1439.4
  80.0  -1.32  -1.32  32.03  25.79  221.3  0.251  1440.2
  90.0  -1.32  -1.32  32.26  25.97  203.8  0.273  1440.7
 100.0  -1.38  -1.38  32.40  26.08  193.4  0.293  1440.8
 110.0  -1.42  -1.42  32.52  26.18  183.8  0.312  1440.9
 120.0  -1.45  -1.46  32.63  26.27  175.0  0.330  1441.1
 130.0  -1.47  -1.48  32.72  26.34  168.2  0.347  1441.3
 140.0  -1.49  -1.49  32.80  26.41  161.8  0.364  1441.5
 150.0  -1.50  -1.50  32.87  26.47  155.9  0.380  1441.7
 160.0  -1.51  -1.52  32.98  26.55  147.9  0.395  1442.0
 170.0  -1.50  -1.51  33.07  26.62  141.1  0.410  1442.3
 180.0  -1.49  -1.49  33.16  26.70  133.8  0.424  1442.7
 190.0  -1.44  -1.45  33.30  26.82  122.9  0.437  1443.3
 200.0  -1.38  -1.39  33.45  26.93  112.3  0.448  1443.9
 210.0  -1.25  -1.25  33.68  27.11   94.8  0.459  1445.0
 220.0  -1.09  -1.10  33.88  27.27   80.3  0.468  1446.2
 230.0  -0.95  -0.96  34.02  27.38   69.6  0.475  1447.2
 240.0  -0.78  -0.78  34.20  27.52   56.7  0.482  1448.5
 250.0  -0.59  -0.60  34.33  27.61   48.1  0.487  1449.7
 260.0  -0.46  -0.47  34.41  27.68   42.0  0.491  1450.6
 270.0  -0.32  -0.33  34.50  27.74   36.3  0.495  1451.5
 280.0  -0.23  -0.24  34.54  27.77   33.3  0.499  1452.1
 290.0  -0.12  -0.13  34.59  27.81   30.1  0.502  1452.9
 300.0  -0.04  -0.06  34.63  27.83   27.9  0.505  1453.4
 310.0   0.02   0.01  34.67  27.86   25.2  0.508  1454.0
 320.0   0.07   0.06  34.70  27.88   23.5  0.510  1454.4
 330.0   0.11   0.10  34.72  27.89   22.1  0.512  1454.8
 340.0   0.15   0.14  34.74  27.91   20.9  0.515  1455.2
 350.0   0.19   0.18  34.75  27.92   19.8  0.517  1455.5
 370.0   0.27   0.25  34.79  27.94   17.9  0.521  1456.3
 390.0   0.33   0.31  34.81  27.95   16.7  0.524  1456.9
 410.0   0.36   0.34  34.82  27.97   15.6  0.527  1457.4
 430.0   0.39   0.37  34.83  27.97   15.2  0.530  1457.8
 450.0   0.42   0.40  34.84  27.98   14.6  0.533  1458.3
 470.0   0.44   0.42  34.85  27.98   14.4  0.536  1458.8
 490.0   0.44   0.42  34.85  27.98   14.0  0.539  1459.1
 510.0   0.45   0.43  34.86  27.99   13.7  0.542  1459.5
 530.0   0.45   0.43  34.86  27.99   13.6  0.545  1459.8
 550.0   0.43   0.41  34.86  27.99   13.5  0.547  1460.1
 570.0   0.42   0.39  34.86  27.99   13.6  0.550  1460.3
 590.0   0.40   0.37  34.85  27.99   13.6  0.553  1460.6
 592.6   0.39   0.37  34.85  77.99   13.7  0.553  1460.6

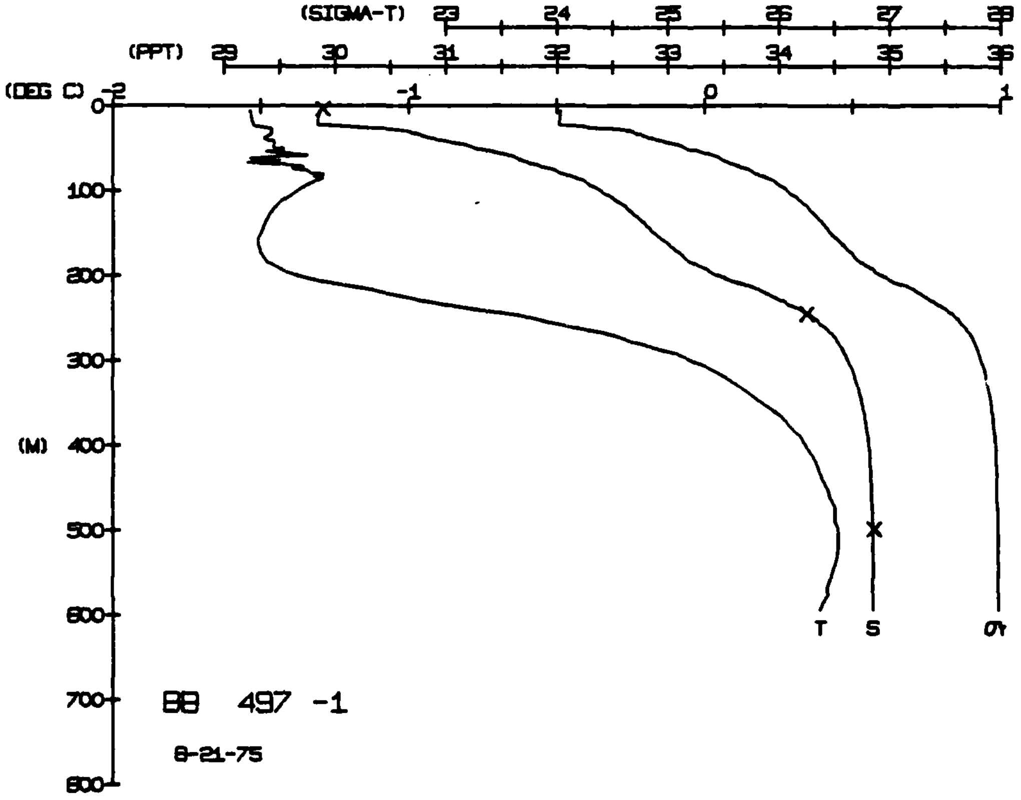
                        DEPTH      TEMP.      SALIN

        BOT NUM = 1        3.1                29.90
        BOT NUM = 2      244.5                34.26
        BOT NUM = 3      497.6                34.87
```



BB 495 -2

8-21-75



BB 497 -1

8-21-75

```
BIG BEAR STATION 499(2) CTD  22/AUG/1975  415 GMT  CODE = 2
LAT = 74.6500N LNG = 141.4314W LTER =      2. LGER =      4.
AIR TEMP =  -0.1 BARUM = 1014.1 WIND =  15.2 SPEED =  22.3

DEPTH   TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0  -1.51  -1.51   29.85   24.02   390.1   0.000   1434.9
  3.1  -1.51  -1.51   29.85   24.02   390.0   0.012   1435.0
  5.0  -1.52  -1.52   29.85   24.02   389.9   0.020   1435.0
 10.0  -1.52  -1.52   29.84   24.02   390.0   0.039   1435.0
 15.0  -1.52  -1.52   29.85   24.03   389.2   0.059   1435.2
 20.0  -1.50  -1.50   30.13   24.25   367.7   0.078   1435.8
 25.0  -1.47  -1.47   30.58   24.62   333.0   0.096   1436.6
 30.0  -1.48  -1.48   30.72   24.72   322.6   0.112   1436.8
 35.0  -1.49  -1.49   30.78   24.77   317.9   0.128   1436.9
 40.0  -1.53  -1.53   30.94   24.91   305.0   0.144   1437.1
 45.0  -1.54  -1.54   31.16   25.09   288.1   0.159   1437.4
 50.0  -1.52  -1.52   31.34   25.23   274.4   0.173   1437.8
 55.0  -1.56  -1.56   31.50   25.36   262.3   0.187   1438.0
 60.0  -1.48  -1.48   31.61   25.44   253.8   0.200   1438.5
 65.0  -1.42  -1.42   31.73   25.54   244.7   0.212   1439.1
 70.0  -1.38  -1.38   31.81   25.61   238.4   0.224   1439.5
 80.0  -1.29  -1.29   32.07   25.81   218.6   0.247   1440.4
 90.0  -1.32  -1.33   32.28   25.98   202.6   0.269   1440.7
100.0  -1.39  -1.39   32.42   26.10   191.4   0.288   1440.8
110.0  -1.43  -1.44   32.53   26.19   182.7   0.307   1440.9
120.0  -1.47  -1.47   32.63   26.27   174.8   0.325   1441.0
130.0  -1.49  -1.49   32.73   26.35   167.3   0.343   1441.3
140.0  -1.50  -1.50   32.81   26.42   160.9   0.359   1441.5
150.0  -1.52  -1.52   32.89   26.48   154.4   0.375   1441.6
160.0  -1.52  -1.52   32.98   26.55   147.9   0.390   1442.0
170.0  -1.51  -1.51   33.08   26.64   139.8   0.405   1442.3
180.0  -1.49  -1.49   33.15   26.69   134.6   0.419   1442.7
190.0  -1.45  -1.46   33.29   26.80   124.2   0.432   1443.2
200.0  -1.37  -1.38   33.46   26.94   110.9   0.444   1444.0
210.0  -1.24  -1.25   33.66   27.10    95.9   0.454   1445.0
220.0  -1.09  -1.10   33.87   27.26    80.8   0.463   1446.2
230.0  -0.89  -0.90   34.10   27.44    64.0   0.470   1447.6
240.0  -0.74  -0.75   34.22   27.54    55.2   0.476   1448.7
250.0  -0.59  -0.60   34.33   27.62    47.6   0.481   1449.7
260.0  -0.45  -0.46   34.42   27.68    41.5   0.486   1450.6
270.0  -0.35  -0.36   34.49   27.73    37.0   0.490   1451.4
280.0  -0.24  -0.25   34.54   27.77    33.4   0.493   1452.1
290.0  -0.14  -0.15   34.59   27.81    29.9   0.497   1452.8
300.0  -0.05  -0.07   34.64   27.84    26.9   0.500   1453.4
310.0   0.02   0.01   34.67   27.86    24.8   0.502   1454.0
320.0   0.07   0.05   34.70   27.88    23.2   0.505   1454.4
330.0   0.11   0.10   34.72   27.89    21.9   0.507   1454.8
340.0   0.15   0.13   34.74   27.91    20.6   0.509   1455.1
350.0   0.19   0.17   34.76   27.92    19.3   0.511   1455.5
370.0   0.26   0.24   34.79   27.94    17.7   0.515   1456.2
390.0   0.31   0.29   34.81   27.95    16.5   0.518   1456.8
410.0   0.35   0.33   34.82   27.97    15.6   0.521   1457.3
430.0   0.39   0.37   34.83   27.97    15.0   0.525   1457.8
450.0   0.41   0.39   34.84   27.98    14.6   0.528   1458.3
470.0   0.43   0.41   34.85   27.98    13.9   0.530   1458.7
490.0   0.45   0.43   34.86   27.99    13.6   0.533   1459.2
510.0   0.45   0.43   34.86   27.99    13.5   0.536   1459.5
530.0   0.45   0.42   34.86   27.99    13.4   0.539   1459.8
550.0   0.43   0.41   34.86   27.99    13.3   0.541   1460.1
570.0   0.41   0.39   34.86   27.99    13.2   0.544   1460.3
590.0   0.40   0.37   34.86   27.99    13.6   0.547   1460.6

                   DEPTH      TEMP.      SALIN

BOT NUM = 1          3.1      -1.50      29.86
BOT NUM = 2         37.9                 30.80
BOT NUM = 3        244.6      -0.72      34.22
BOT NUM = 4        498.0       0.44      34.85
BOT NUM = 5        591.7       0.39      34.86
```

```
BIG BEAR STATION 501(1) CTD  22/AUG/1975 1700 GMT  CODE = 2
LAT = 74.6230N LNG = 141.3714W LTER =      0. LGER =      1.
AIR TEMP =   0.4 BARUM = 1014.7 WIND = 280.8 SPEED =  32.4

DEPTH   TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

  0.0  -1.52  -1.52   29.83   24.01   391.4   0.000   1434.9
  3.7  -1.52  -1.52   29.83   24.01   391.3   0.015   1435.0
  5.0  -1.51  -1.51   29.83   24.01   391.2   0.020   1435.0
 10.0  -1.49  -1.49   29.83   24.00   391.4   0.039   1435.2
 15.0  -1.48  -1.48   29.83   24.01   391.1   0.059   1435.3
 20.0  -1.49  -1.49   29.95   24.10   381.7   0.079   1435.5
 25.0  -1.48  -1.49   30.36   24.43   350.3   0.097   1436.2
 30.0  -1.49  -1.49   30.85   24.83   312.6   0.114   1437.0
 35.0  -1.50  -1.50   30.98   24.94   302.3   0.129   1437.2
 40.0  -1.53  -1.53   31.14   25.07   289.6   0.144   1437.3
 45.0  -1.57  -1.57   31.24   25.15   282.3   0.158   1437.4
 50.0  -1.58  -1.58   31.35   25.23   273.9   0.172   1437.6
 55.0  -1.56  -1.56   31.44   25.31   266.3   0.186   1437.9
 60.0  -1.55  -1.55   31.58   25.42   255.7   0.199   1438.2
 65.0  -1.58  -1.58   31.70   25.52   246.5   0.212   1438.3
 70.0  -1.61  -1.61   31.78   25.59   240.3   0.224   1438.4
 80.0  -1.34  -1.34   32.04   25.79   221.0   0.247   1440.2
 90.0  -1.30  -1.31   32.24   25.95   205.6   0.269   1440.8
100.0  -1.37  -1.37   32.42   26.10   191.7   0.289   1440.9
110.0  -1.42  -1.42   32.55   26.21   181.0   0.308   1441.0
120.0  -1.45  -1.46   32.65   26.28   173.7   0.326   1441.1
130.0  -1.48  -1.48   32.75   26.37   165.9   0.343   1441.3
140.0  -1.50  -1.50   32.82   26.43   159.9   0.359   1441.5
150.0  -1.50  -1.50   32.89   26.48   154.8   0.375   1441.7
160.0  -1.50  -1.51   32.98   26.55   147.8   0.390   1442.0
170.0  -1.50  -1.51   33.09   26.64   139.4   0.405   1442.3
180.0  -1.48  -1.48   33.22   26.75   129.5   0.418   1442.8
190.0  -1.44  -1.44   33.36   26.86   118.8   0.431   1443.4
200.0  -1.34  -1.35   33.52   26.99   106.7   0.442   1444.2
210.0  -1.22  -1.22   33.70   27.13    93.3   0.452   1445.2
220.0  -1.06  -1.07   33.93   27.31    76.3   0.461   1446.4
230.0  -0.89  -0.90   34.10   27.44    63.7   0.468   1447.6
240.0  -0.72  -0.72   34.24   27.55    54.0   0.474   1448.8
250.0  -0.55  -0.56   34.37   27.64    45.3   0.479   1449.9
260.0  -0.43  -0.44   34.43   27.69    40.7   0.483   1450.7
270.0  -0.32  -0.33   34.51   27.74    35.7   0.487   1451.5
280.0  -0.21  -0.22   34.55   27.78    32.7   0.491   1452.2
290.0  -0.12  -0.13   34.60   27.81    29.7   0.494   1452.9
300.0  -0.03  -0.05   34.64   27.84    26.9   0.497   1453.5
310.0   0.03   0.02   34.68   27.87    24.4   0.499   1454.0
320.0   0.09   0.08   34.71   27.89    22.6   0.502   1454.5
330.0   0.14   0.12   34.73   27.90    21.3   0.504   1454.9
340.0   0.18   0.17   34.75   27.91    20.2   0.506   1455.3
350.0   0.22   0.21   34.76   27.92    19.2   0.508   1455.7
370.0   0.28   0.27   34.79   27.94    17.7   0.512   1456.3
390.0   0.33   0.31   34.81   27.95    16.5   0.515   1456.9
410.0   0.37   0.35   34.83   27.97    15.5   0.518   1457.4
430.0   0.39   0.38   34.84   27.97    14.9   0.521   1457.9
450.0   0.42   0.40   34.84   27.98    14.5   0.524   1458.3
470.0   0.44   0.42   34.85   27.98    13.9   0.527   1458.8
490.0   0.45   0.43   34.86   27.99    13.8   0.530   1459.2
510.0   0.45   0.43   34.86   27.99    13.5   0.533   1459.5
530.0   0.45   0.43   34.86   27.99    13.4   0.536   1459.8
550.0   0.43   0.41   34.86   27.99    13.3   0.538   1460.1
570.0   0.41   0.39   34.86   27.99    13.3   0.541   1460.3
590.0   0.40   0.37   34.86   27.99    13.4   0.544   1460.6
594.3   0.39   0.36   34.85   27.99    13.6   0.544   1460.6

                   DEPTH      TEMP.      SALIN

BOT NUM = 1          3.1      -1.53      29.84
BOT NUM = 2         38.2                 30.98
BOT NUM = 3        244.8      -0.66      34.25
BOT NUM = 4        498.4       0.44      34.85
BOT NUM = 5        592.8       0.39
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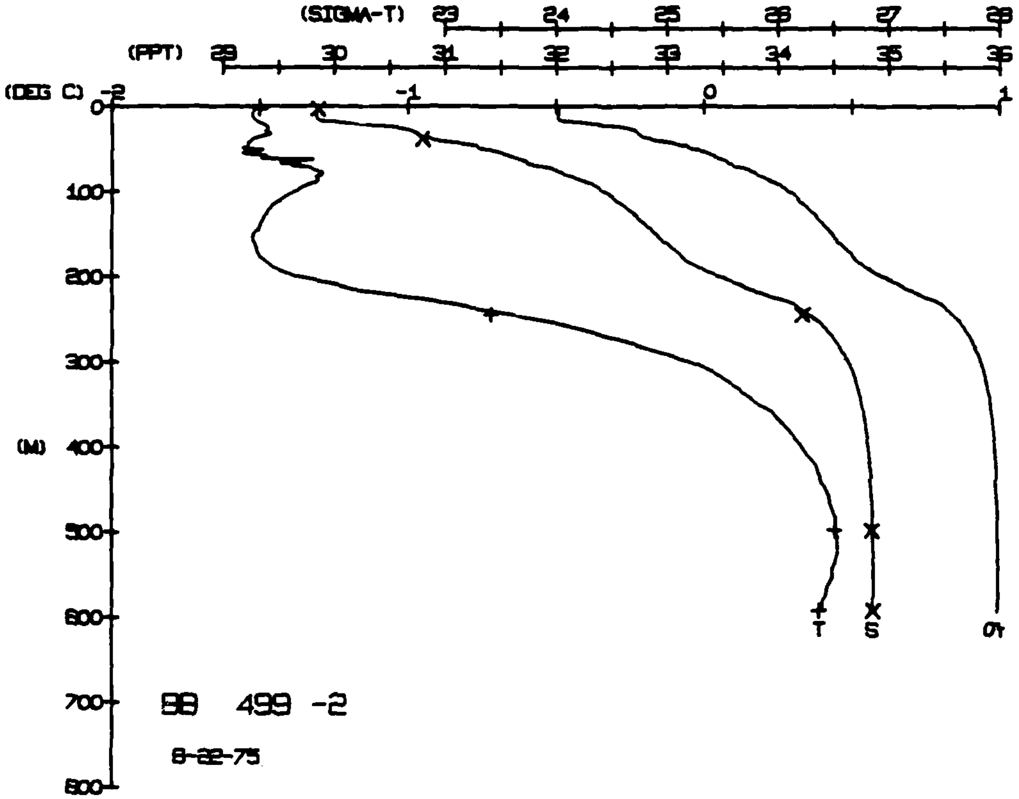
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(PPT) 29 30 31 32 33 34 35 36
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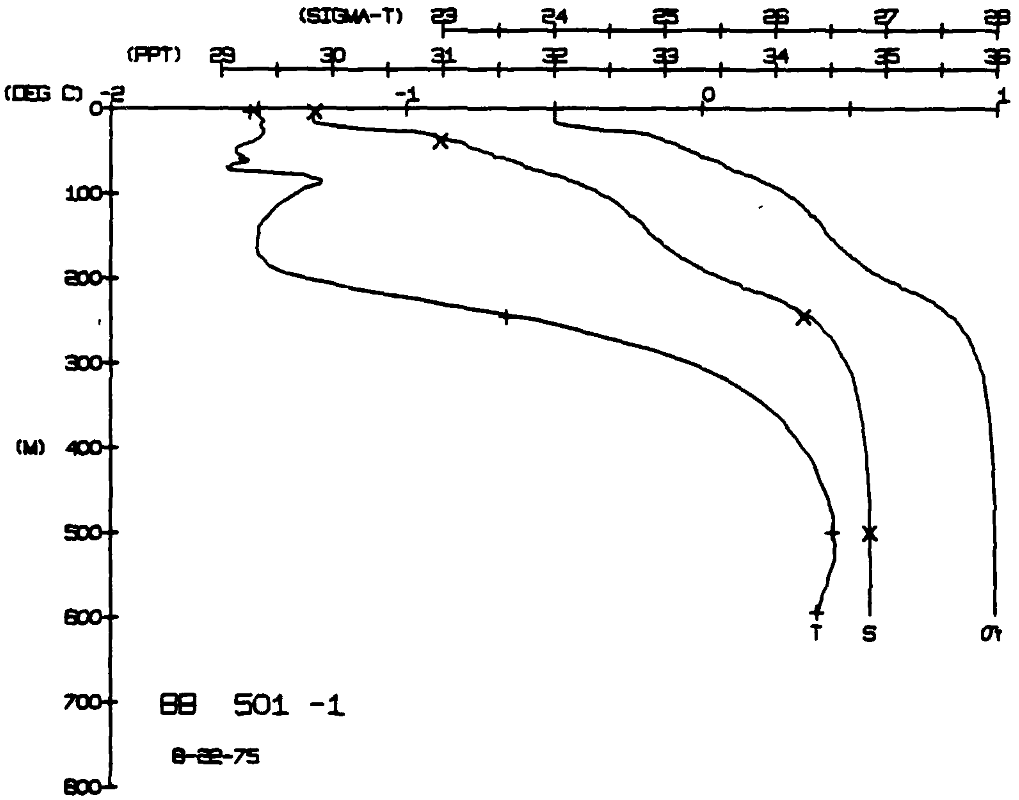
(M) 0 100 200 300 400 500 600 700 800
T
S
σt
BB 499 -2
8-22-75


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
(M) 0 100 200 300 400 500 600 700 800
T
S
σt
BB 501 -1
8-22-75

```
BIG BEAR STATION 503(1) CTD  23/AUG/1975  445 GMT  CODE = 2
LAT = 74.5082N LNG = 141.2831W LTER =      2, LGER =      3,
AIR TEMP =   0.4 BAROM = 1015.3 WIND = 280.8 SPEED =  32.4

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.53   -1.53   29.83   24.01   391.4   0.000  1434.8
   3.7   -1.53   -1.53   29.83   24.01   391.4   0.015  1434.9
   5.0   -1.53   -1.53   29.83   24.01   390.9   0.020  1434.9
  10.0   -1.52   -1.52   29.84   24.02   390.2   0.039  1435.0
  15.0   -1.52   -1.52   29.86   24.03   388.5   0.059  1435.2
  20.0   -1.52   -1.52   29.91   24.07   385.0   0.078  1435.3
  25.0   -1.51   -1.51   30.37   24.44   349.3   0.097  1436.1
  30.0   -1.48   -1.48   30.75   24.75   320.5   0.114  1436.8
  35.0   -1.52   -1.52   30.88   24.86   309.8   0.130  1436.9
  40.0   -1.54   -1.54   31.06   25.00   296.0   0.145  1437.2
  45.0   -1.57   -1.57   31.18   25.10   286.4   0.160  1437.3
  50.0   -1.55   -1.56   31.32   25.21   276.3   0.174  1437.6
  55.0   -1.57   -1.58   31.43   25.30   267.5   0.187  1437.8
  60.0   -1.56   -1.56   31.61   25.45   253.5   0.201  1438.2
  65.0   -1.33   -1.33   31.73   25.54   244.9   0.213  1439.5
  70.0   -1.29   -1.29   31.82   25.62   237.6   0.225  1439.9
  80.0   -1.30   -1.30   32.10   25.84   216.5   0.248  1440.4
  90.0   -1.35   -1.35   32.30   26.00   201.0   0.269  1440.6
 100.0   -1.40   -1.40   32.42   26.10   191.6   0.289  1440.7
 110.0   -1.44   -1.44   32.55   26.20   181.3   0.308  1440.9
 120.0   -1.48   -1.48   32.64   26.28   174.0   0.326  1441.0
 130.0   -1.50   -1.50   32.72   26.35   167.5   0.343  1441.2
 140.0   -1.51   -1.52   32.83   26.43   159.7   0.359  1441.4
 150.0   -1.52   -1.52   32.92   26.51   152.5   0.375  1441.7
 160.0   -1.52   -1.52   33.03   26.59   144.2   0.390  1442.0
 170.0   -1.51   -1.51   33.12   26.67   136.9   0.404  1442.4
 180.0   -1.48   -1.49   33.25   26.77   126.8   0.418  1442.8
 190.0   -1.43   -1.43   33.40   26.89   115.8   0.430  1443.5
 200.0   -1.32   -1.33   33.57   27.03   102.8   0.441  1444.4
 210.0   -1.19   -1.20   33.78   27.19    87.4   0.451  1445.4
 220.0   -1.06   -1.06   33.98   27.35    72.4   0.459  1446.5
 230.0   -0.87   -0.87   34.14   27.47    61.3   0.465  1447.8
 240.0   -0.70   -0.70   34.27   27.57    52.1   0.471  1448.9
 250.0   -0.53   -0.53   34.38   27.66    44.0   0.476  1450.1
 260.0   -0.39   -0.40   34.46   27.71    38.7   0.480  1450.9
 270.0   -0.28   -0.29   34.52   27.75    35.2   0.484  1451.7
 280.0   -0.19   -0.20   34.56   27.78    32.2   0.487  1452.3
 290.0   -0.10   -0.11   34.61   27.82    29.0   0.490  1453.0
 300.0   -0.03   -0.04   34.65   27.85    26.3   0.493  1453.5
 310.0    0.04    0.03   34.68   27.87    24.5   0.496  1454.1
 320.0    0.08    0.07   34.70   27.88    22.9   0.498  1454.5
 330.0    0.13    0.12   34.73   27.90    21.[illegible]   0.500  1454.9
 340.0    0.18    0.17   34.75   27.92    20.0   0.502  1455.3
 350.0    0.21    0.20   34.77   27.93    18.8   0.504  1455.6
 370.0    0.27    0.25   34.79   27.94    17.4   0.508  1456.3
 390.0    0.33    0.31   34.81   27.96    16.4   0.511  1456.9
 410.0    0.37    0.35   34.83   27.97    15.4   0.515  1457.4
 430.0    0.39    0.37   34.83   27.97    15.0   0.518  1457.8
 450.0    0.42    0.40   34.84   27.98    14.5   0.521  1458.3
 470.0    0.44    0.42   34.85   27.98    13.9   0.524  1458.8
 490.0    0.45    0.43   34.86   27.99    13.6   0.526  1459.2
 510.0    0.45    0.43   34.86   27.99    13.5   0.529  1459.5
 530.0    0.45    0.42   34.86   27.99    13.2   0.532  1459.8
 550.0    0.44    0.41   34.86   27.99    13.3   0.534  1460.1
 570.0    0.42    0.40   34.86   27.99    13.4   0.537  1460.4
 590.0    0.40    0.37   34.86   27.99    13.5   0.540  1460.6

                        DEPTH      TEMP.      SALIN

          BOT NUM = 1     3.1      -1.53      29.84
          BOT NUM = 2    38.7                 30.89
          BOT NUM = 3   244.3      -0.64      34.26
          BOT NUM = 4   490.9       0.45      34.86
          BOT NUM = 5   591.6       0.40      34.86
```

```
BIG BEAR STATION 505(2) CTD  23/AUG/1975 1700 GMT  CODE = 2
LAT = 74.5463N LNG = 141.2207W LTER =      2, LGER =      4,
AIR TEMP =  -0.3 BAROM = 1017.0 WIND = 292.6 SPEED =  41.5

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

   0.0   -1.52   -1.52   29.88   24.05   387.3   0.000  1434.9
   5.0   -1.52   -1.52   29.88   24.05   387.2   0.019  1435.0
   5.0   -1.52   -1.52   29.88   24.05   387.2   0.020  1435.0
  10.0   -1.53   -1.53   29.89   24.06   386.5   0.039  1435.1
  15.0   -1.51   -1.51   29.90   24.06   385.7   0.058  1435.3
  20.0   -1.52   -1.52   29.92   24.08   383.8   0.078  1435.4
  25.0   -1.52   -1.52   29.95   24.10   381.8   0.097  1435.4
  30.0   -1.49   -1.49   30.14   24.26   367.0   0.116  1436.0
  35.0   -1.51   -1.51   30.69   24.70   324.9   0.133  1436.7
  40.0   -1.50   -1.51   30.73   24.74   321.3   0.150  1436.9
  45.0   -1.51   -1.51   30.94   24.90   305.7   0.165  1437.2
  50.0   -1.53   -1.53   31.08   25.02   294.2   0.181  1437.4
  55.0   -1.55   -1.55   31.21   25.12   284.5   0.195  1437.6
  60.0   -1.45   -1.45   31.41   25.29   269.0   0.209  1438.4
  65.0   -1.38   -1.38   31.60   25.43   254.7   0.222  1439.1
  70.0   -1.38   -1.38   31.76   25.56   242.6   0.235  1439.4
  80.0   -1.33   -1.33   32.05   25.80   219.9   0.258  1440.2
  90.0   -1.34   -1.34   32.28   25.99   202.3   0.279  1440.6
 100.0   -1.40   -1.40   32.43   26.11   190.7   0.299  1440.8
 110.0   -1.44   -1.45   32.54   26.20   182.0   0.318  1440.9
 120.0   -1.47   -1.47   32.63   26.27   175.1   0.336  1441.0
 130.0   -1.49   -1.49   32.72   26.35   167.7   0.353  1441.2
 140.0   -1.50   -1.50   32.81   26.42   160.7   0.370  1441.5
 150.0   -1.51   -1.51   32.90   26.49   154.2   0.386  1441.7
 160.0   -1.51   -1.51   33.02   26.59   144.8   0.401  1442.1
 170.0   -1.49   -1.50   33.11   26.66   137.4   0.415  1442.4
 180.0   -1.46   -1.47   33.25   26.77   126.9   0.428  1442.9
 190.0   -1.39   -1.40   33.40   26.89   115.8   0.441  1443.6
 200.0   -1.29   -1.30   33.57   27.03   102.8   0.452  1444.5
 210.0   -1.18   -1.18   33.74   27.16    90.5   0.461  1445.5
 220.0   -1.04   -1.05   33.92   27.30    77.2   0.470  1446.5
 230.0   -0.86   -0.87   34.10   27.44    64.1   0.477  1447.8
 240.0   -0.70   -0.71   34.23   27.54    55.0   0.483  1448.9
 250.0   -0.52   -0.53   34.35   27.63    46.4   0.488  1450.0
 260.0   -0.39   -0.40   34.44   27.69    40.6   0.493  1450.9
 270.0   -0.26   -0.27   34.52   27.75    35.3   0.496  1451.8
 280.0   -0.17   -0.18   34.57   27.79    31.7   0.500  1452.5
 290.0   -0.11   -0.12   34.61   27.82    29.2   0.503  1453.0
 300.0   -0.01   -0.02   34.65   27.85    26.2   0.506  1453.6
 310.0    0.05    0.03   34.69   27.87    23.9   0.508  1454.1
 320.0    0.10    0.08   34.71   27.89    22.5   0.511  1454.5
 330.0    0.14    0.12   34.73   27.90    21.1   0.513  1454.9
 340.0    0.17    0.15   34.75   27.91    20.1   0.515  1455.2
 350.0    0.21    0.19   34.77   27.93    18.9   0.517  1455.6
 370.0    0.27    0.26   34.79   27.95    17.2   0.520  1456.3
 390.0    0.33    0.31   34.81   27.96    16.2   0.524  1456.9
 410.0    0.38    0.36   34.83   27.97    15.4   0.527  1457.5
 430.0    0.40    0.38   34.84   27.98    14.7   0.530  1457.9
 450.0    0.42    0.40   34.85   27.98    14.3   0.533  1458.4
 470.0    0.44    0.42   34.86   27.99    13.8   0.536  1458.8
 490.0    0.46    0.43   34.86   27.99    13.5   0.539  1459.2
 510.0    0.46    0.44   34.87   27.99    13.3   0.541  1459.6
 530.0    0.45    0.43   34.87   27.99    13.1   0.544  1459.9
 550.0    0.43    0.41   34.87   28.00    13.0   0.547  1460.1
 570.0    0.41    0.39   34.86   27.99    13.2   0.549  1460.3
 590.0    0.39    0.37   34.86   27.99    13.4   0.552  1460.6
 593.9    0.39    0.36   34.86   27.99    13.5   0.552  1460.6

                        DEPTH      TEMP.      SALIN

          BOT NUM = 1     3.1      -1.53      29.90
          BOT NUM = 2    41.0                 30.74
          BOT NUM = 3   245.4      -0.61      34.27
          BOT NUM = 4   592.1       0.40      34.86
          BOT NUM = 5   590.0       0.40      34.87
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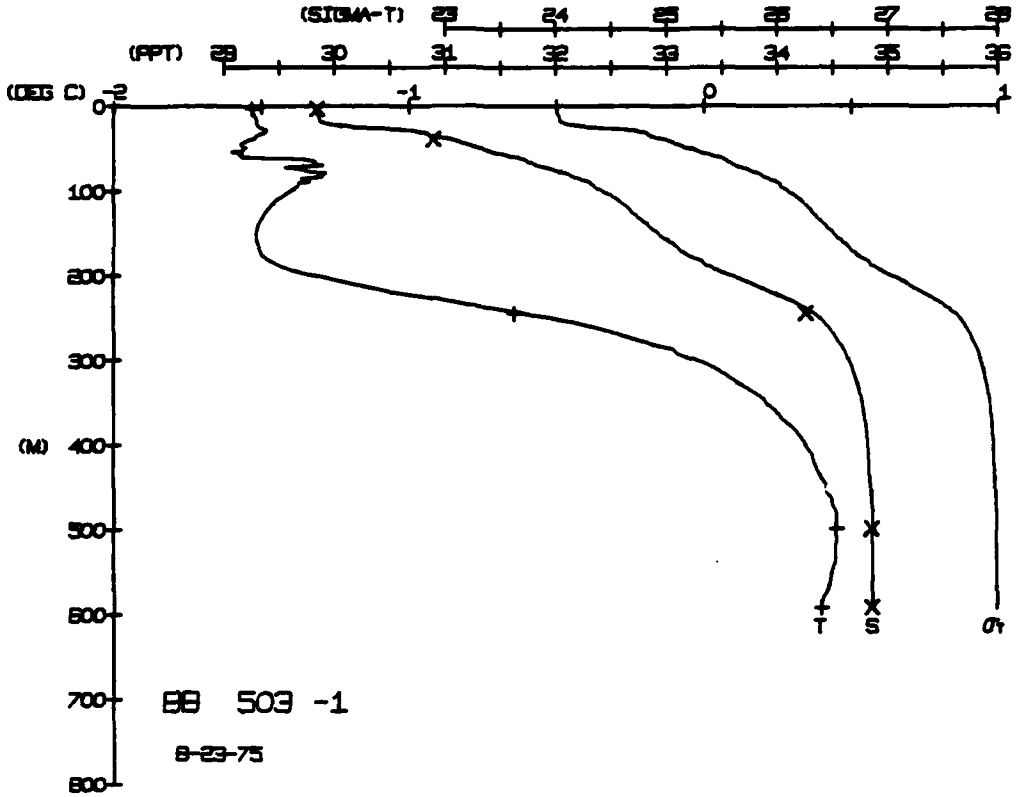
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(DEG C) -2 -1 0 1
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(M) 400
500
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700
800
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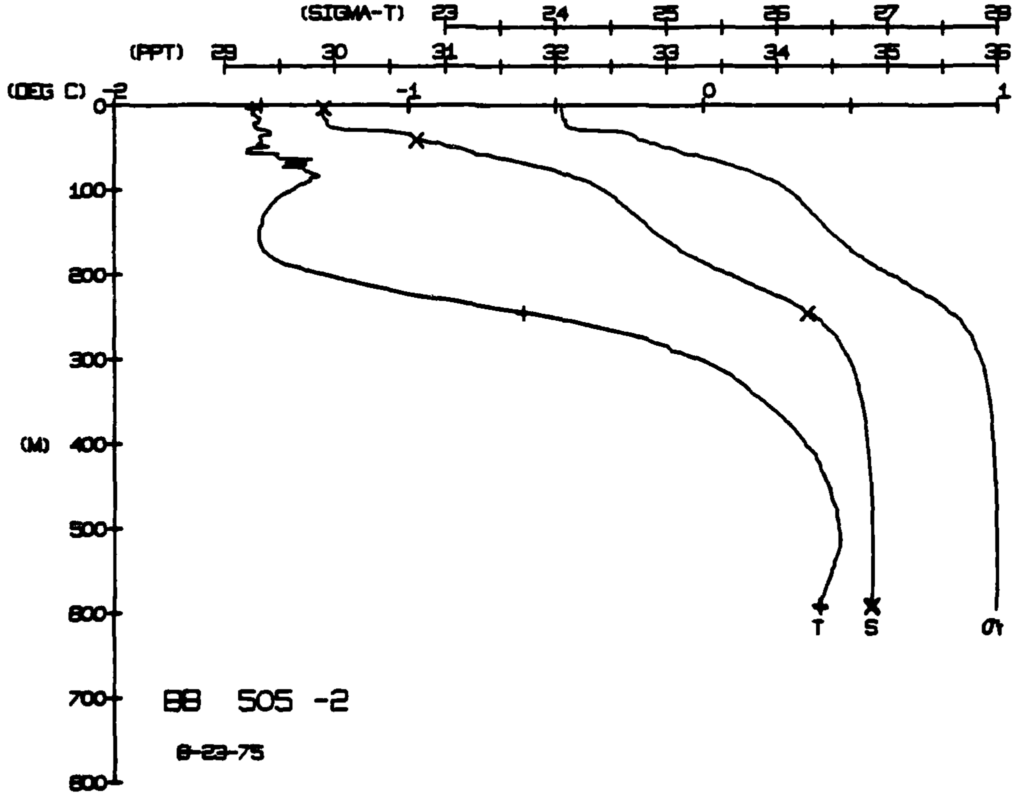
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σt
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BIG BEAR STATION 507(1) CTD  24/AUG/1975  445 GMT  CODE = 2
LAT = 74.5201N LNG = 141.1934W LTER =     7. LGER =    14.
AIR TEMP =  -0.3 BAROM = 1018.0 WIND = 292.6 SPEED =  41.5

 DEPTH   TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0  -1.52   -1.52   29.88   24.05   387.4   0.000  1435.0
   3.7  -1.52   -1.52   29.88   24.05   387.4   0.015  1435.0
   5.0  -1.52   -1.52   29.88   24.05   387.5   0.020  1435.0
  10.0  -1.52   -1.52   29.87   24.04   388.0   0.039  1435.1
  15.0  -1.52   -1.52   29.89   24.05   386.7   0.059  1435.2
  20.0  -1.53   -1.53   29.92   24.08   383.9   0.078  1435.3
  25.0  -1.53   -1.53   30.00   24.15   377.8   0.097  1435.5
  30.0  -1.49   -1.49   30.38   24.45   348.3   0.115  1436.3
  35.0  -1.47   -1.47   30.67   24.68   326.3   0.132  1436.9
  40.0  -1.51   -1.51   30.77   24.76   318.8   0.149  1436.9
  45.0  -1.51   -1.51   30.88   24.86   309.6   0.164  1437.2
  50.0  -1.49   -1.49   31.09   25.03   293.4   0.180  1437.6
  55.0  -1.36   -1.36   31.33   25.22   275.2   0.194  1438.7
  60.0  -1.27   -1.27   31.55   25.39   259.1   0.207  1439.5
  65.0  -1.23   -1.23   31.69   25.50   248.2   0.220  1439.9
  70.0  -1.25   -1.25   31.82   25.61   237.9   0.232  1440.1
  80.0  -1.31   -1.31   32.12   25.85   215.1   0.255  1440.4
  90.0  -1.36   -1.37   32.32   26.01   199.4   0.276  1440.6
 100.0  -1.41   -1.41   32.46   26.13   188.4   0.296  1440.8
 110.0  -1.45   -1.45   32.54   26.20   181.7   0.314  1440.8
 120.0  -1.48   -1.48   32.64   26.28   173.8   0.332  1441.0
 130.0  -1.50   -1.50   32.74   26.36   166.7   0.349  1441.2
 140.0  -1.51   -1.51   32.84   26.44   158.6   0.366  1441.5
 150.0  -1.52   -1.52   32.94   26.52   151.1   0.382  1441.7
 160.0  -1.52   -1.52   33.05   26.61   142.3   0.396  1442.0
 170.0  -1.50   -1.51   33.16   26.70   134.2   0.410  1442.4
 180.0  -1.47   -1.47   33.25   26.78   126.8   0.423  1442.9
 190.0  -1.41   -1.41   33.41   26.90   115.2   0.436  1443.6
 200.0  -1.28   -1.28   33.62   27.06    99.6   0.446  1444.6
 210.0  -1.18   -1.18   33.76   27.18    88.9   0.456  1445.5
 220.0  -0.99   -1.00   34.00   27.36    71.5   0.464  1446.9
 230.0  -0.78   -0.79   34.19   27.51    57.3   0.471  1448.3
 240.0  -0.60   -0.61   34.31   27.60    49.2   0.476  1449.4
 250.0  -0.48   -0.48   34.38   27.65    44.3   0.481  1450.3
 260.0  -0.38   -0.39   34.44   27.70    40.1   0.485  1451.0
 270.0  -0.33   -0.34   34.51   27.74    35.7   0.489  1451.5
 280.0  -0.19   -0.20   34.55   27.78    32.8   0.492  1452.3
 290.0  -0.10   -0.11   34.61   27.82    29.2   0.495  1453.0
 300.0  -0.01   -0.02   34.64   27.84    27.0   0.498  1453.6
 310.0   0.05    0.03   34.67   27.86    25.2   0.501  1454.1
 320.0   0.10    0.08   34.70   27.88    23.3   0.503  1454.5
 330.0   0.14    0.13   34.72   27.89    22.0   0.506  1454.9
 340.0   0.18    0.16   34.74   27.90    21.0   0.508  1455.3
 350.0   0.21    0.19   34.75   27.91    20.1   0.510  1455.6
 370.0   0.27    0.25   34.78   27.93    18.6   0.514  1456.2
 390.0   0.32    0.30   34.79   27.94    17.6   0.517  1456.8
 410.0   0.36    0.35   34.81   27.96    16.5   0.521  1457.4
 430.0   0.38    0.36   34.82   27.96    16.0   0.524  1457.8
 450.0   0.41    0.39   34.83   27.97    15.2   0.527  1458.3
 470.0   0.43    0.41   34.84   27.97    14.9   0.530  1458.7
 490.0   0.44    0.42   34.85   27.98    14.6   0.533  1459.1
 510.0   0.45    0.43   34.85   27.98    14.7   0.536  1459.5
 530.0   0.45    0.42   34.85   27.98    14.4   0.539  1459.8
 550.0   0.44    0.41   34.85   27.98    14.3   0.542  1460.1
 570.0   0.41    0.38   34.85   27.98    14.2   0.545  1460.3
 590.0   0.39    0.36   34.84   27.98    14.6   0.548  1460.5

                          DEPTH      TEMP.      SALIN

          BOT NUM = 1       3.1                 29.90
          BOT NUM = 2      39.4                 30.72
          BOT NUM = 3     245.0                 34.28
          BOT NUM = 4     498.3      0.46       34.85
          BOT NUM = 5     595.4      0.39       34.86
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BIG BEAR STATION 509(2) CTD  24/AUG/1975 1700 GMT  CODE = 2
LAT = 74.5224N LNG = 141.1537W LTER =     4. LGER =     6.
AIR TEMP =  -0.1 BAROM = 1017.7 WIND = 218.9 SPEED =  22.3

 DEPTH   TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0  -1.50   -1.50   29.89   24.06   386.3   0.000  1435.1
   3.9  -1.50   -1.50   29.89   24.06   386.3   0.015  1435.1
   5.0  -1.51   -1.51   29.89   24.06   386.3   0.019  1435.1
  10.0  -1.50   -1.50   29.89   24.06   386.4   0.039  1435.2
  15.0  -1.49   -1.49   29.90   24.06   385.9   0.058  1435.4
  20.0  -1.49   -1.49   29.96   24.11   380.8   0.078  1435.5
  25.0  -1.50   -1.50   30.04   24.18   374.9   0.097  1435.7
  30.0  -1.47   -1.47   30.33   24.41   352.4   0.115  1436.3
  35.0  -1.47   -1.47   30.62   24.65   329.9   0.132  1436.8
  40.0  -1.50   -1.50   30.74   24.75   320.5   0.149  1436.9
  45.0  -1.50   -1.50   30.90   24.87   308.2   0.164  1437.2
  50.0  -1.50   -1.50   31.14   25.06   290.1   0.179  1437.6
  55.0  -1.39   -1.39   31.27   25.17   280.3   0.194  1438.4
  60.0  -1.38   -1.39   31.44   25.31   266.9   0.208  1438.8
  65.0  -1.36   -1.36   31.65   25.48   250.5   0.221  1439.3
  70.0  -1.42   -1.42   31.77   25.57   241.7   0.233  1439.2
  80.0  -1.30   -1.30   32.06   25.81   219.1   0.256  1440.4
  90.0  -1.33   -1.33   32.24   25.95   205.4   0.278  1440.7
 100.0  -1.39   -1.39   32.40   26.08   192.8   0.298  1440.8
 110.0  -1.44   -1.44   32.54   26.20   182.0   0.317  1440.9
 120.0  -1.46   -1.47   32.63   26.27   174.8   0.335  1441.1
 130.0  -1.48   -1.48   32.72   26.35   167.7   0.352  1441.3
 140.0  -1.50   -1.50   32.82   26.42   160.3   0.368  1441.5
 150.0  -1.50   -1.50   32.93   26.51   152.0   0.384  1441.8
 160.0  -1.50   -1.50   33.01   26.58   145.4   0.399  1442.1
 170.0  -1.49   -1.49   33.13   26.68   136.2   0.413  1442.5
 180.0  -1.46   -1.46   33.24   26.76   127.9   0.427  1442.9
 190.0  -1.39   -1.40   33.39   26.88   116.8   0.439  1443.6
 200.0  -1.29   -1.30   33.55   27.01   104.5   0.450  1444.5
 210.0  -1.15   -1.15   33.77   27.18    88.5   0.460  1445.6
 220.0  -1.01   -1.01   33.95   27.32    75.3   0.468  1446.7
 230.0  -0.84   -0.85   34.12   27.46    62.7   0.475  1447.9
 240.0  -0.66   -0.67   34.25   27.55    53.6   0.481  1449.1
 250.0  -0.51   -0.52   34.36   27.63    46.0   0.486  1450.1
 260.0  -0.37   -0.38   34.44   27.70    40.2   0.491  1451.0
 270.0  -0.25   -0.26   34.52   27.75    34.9   0.494  1451.8
 280.0  -0.15   -0.16   34.58   27.80    30.9   0.498  1452.6
 290.0  -0.07   -0.08   34.62   27.82    28.5   0.501  1453.1
 300.0   0.00   -0.01   34.66   27.85    26.0   0.503  1453.7
 310.0   0.06    0.05   34.68   27.87    24.2   0.506  1454.2
 320.0   0.11    0.10   34.71   27.89    22.4   0.508  1454.6
 330.0   0.16    0.14   34.74   27.91    20.9   0.510  1455.0
 340.0   0.20    0.19   34.76   27.92    19.5   0.512  1455.4
 350.0   0.24    0.23   34.77   27.93    18.7   0.514  1455.8
 370.0   0.29    0.28   34.80   27.95    17.2   0.518  1456.4
 390.0   0.34    0.32   34.81   27.96    16.2   0.521  1456.9
 410.0   0.39    0.37   34.83   27.97    15.3   0.525  1457.5
 430.0   0.40    0.39   34.84   27.97    14.8   0.528  1457.9
 450.0   0.43    0.41   34.85   27.98    14.3   0.531  1458.4
 470.0   0.45    0.43   34.86   27.99    13.8   0.533  1458.8
 490.0   0.46    0.44   34.86   27.99    13.4   0.536  1459.2
 510.0   0.46    0.44   34.86   27.99    13.4   0.539  1459.6
 530.0   0.45    0.43   34.86   27.99    13.3   0.542  1459.8
 550.0   0.44    0.41   34.86   27.99    13.2   0.544  1460.1
 570.0   0.42    0.39   34.86   27.99    13.2   0.547  1460.4
 590.0   0.40    0.37   34.86   27.99    13.3   0.550  1460.6
 610.0   0.38    0.35   34.85   27.99    13.8   0.552  1460.8
 612.7   0.37    0.34   34.85   27.98    13.9   0.553  1460.8

                          DEPTH      TEMP.      SALIN

          BOT NUM = 1       3.1     -1.51       29.90
          BOT NUM = 2      37.4                 30.73
          BOT NUM = 3     245.0                 34.28
          BOT NUM = 4     498.6      0.46       34.86
          BOT NUM = 5     612.9      0.38       34.86
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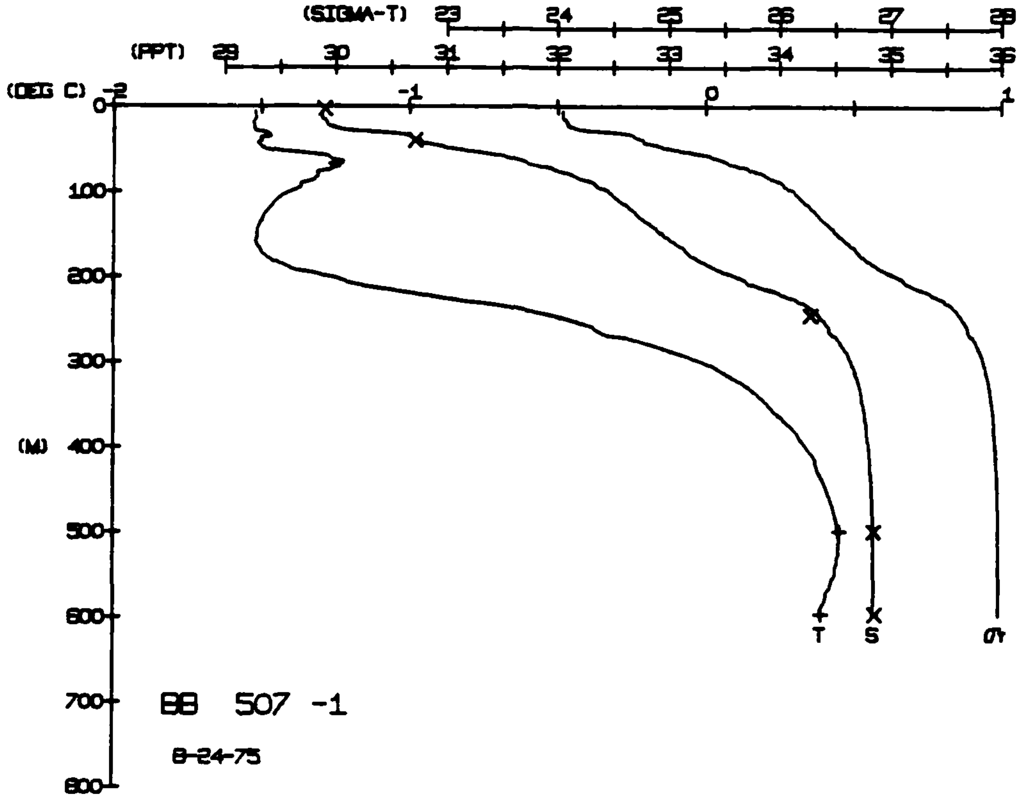
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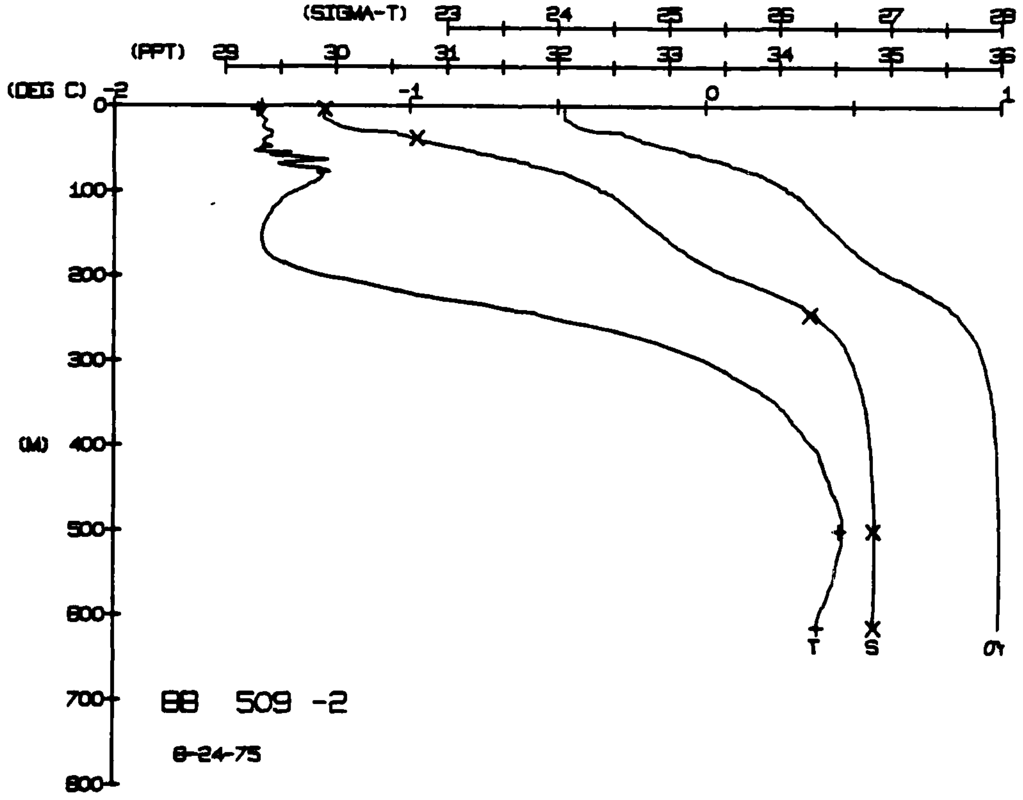
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(PPT) 29 30 31 32 33 34 35 36
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BIG BEAR STATION 511(1) CTD  25/AUG/1975 1712 GMT  CODE = 2
LAT = 74.5118N LNG = 140.8115W LTER =      0. LGER =      0.
AIR TEMP =  -0.1 BAROM = 1007.9 WIND = 218.9 SPEED =  22.3

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.51   -1.51   29.86   24.03   388.8   0.000  1435.0
   5.0   -1.51   -1.51   29.86   24.03   388.8   0.020  1435.1
   7.5   -1.51   -1.51   29.86   24.03   388.8   0.029  1435.1
  10.0   -1.50   -1.50   29.86   24.03   389.0   0.039  1435.2
  15.0   -1.50   -1.50   29.86   24.03   389.0   0.059  1435.3
  20.0   -1.51   -1.51   29.90   24.07   385.4   0.078  1435.4
  25.0   -1.49   -1.49   30.30   24.38   355.1   0.097  1436.1
  30.0   -1.48   -1.49   30.72   24.73   322.3   0.114  1436.8
  35.0   -1.51   -1.51   30.80   24.80   315.8   0.130  1436.9
  40.0   -1.51   -1.51   31.01   24.96   299.9   0.145  1437.3
  45.0   -1.51   -1.51   31.18   25.10   286.7   0.160  1437.6
  50.0   -1.45   -1.45   31.37   25.25   272.3   0.174  1438.2
  55.0   -1.42   -1.42   31.60   25.44   254.5   0.188  1438.7
  60.0   -1.45   -1.45   31.71   25.52   246.4   0.200  1438.8
  65.0   -1.33   -1.33   31.85   25.63   235.8   0.212  1439.7
  70.0   -1.28   -1.28   31.97   25.73   226.3   0.224  1440.2
  80.0   -1.29   -1.29   32.23   25.95   206.1   0.246  1440.6
  90.0   -1.38   -1.38   32.40   26.09   192.7   0.266  1440.7
 100.0   -1.42   -1.42   32.50   26.17   184.9   0.285  1440.8
 110.0   -1.46   -1.46   32.61   26.25   176.5   0.303  1440.9
 120.0   -1.48   -1.49   32.69   26.32   170.0   0.321  1441.1
 130.0   -1.50   -1.50   32.75   26.37   165.4   0.338  1441.2
 140.0   -1.51   -1.52   32.82   26.43   159.9   0.354  1441.4
 150.0   -1.52   -1.52   32.88   26.47   155.5   0.370  1441.7
 160.0   -1.52   -1.52   32.95   26.53   149.9   0.385  1441.9
 170.0   -1.51   -1.52   33.05   26.62   141.9   0.400  1442.2
 180.0   -1.50   -1.50   33.17   26.70   133.4   0.414  1442.6
 190.0   -1.47   -1.47   33.28   26.79   124.9   0.427  1443.1
 200.0   -1.39   -1.40   33.43   26.92   113.5   0.439  1443.8
 210.0   -1.26   -1.27   33.66   27.10    95.9   0.450  1445.0
 220.0   -1.12   -1.12   33.85   27.24    82.4   0.459  1446.1
 230.0   -0.95   -0.95   34.04   27.40    68.1   0.466  1447.3
 240.0   -0.74   -0.75   34.22   27.53    55.7   0.472  1448.7
 250.0   -0.56   -0.57   34.34   27.62    47.1   0.478  1449.8
 260.0   -0.45   -0.45   34.42   27.68    41.9   0.482  1450.6
 270.0   -0.32   -0.33   34.49   27.73    37.0   0.486  1451.5
 280.0   -0.21   -0.22   34.55   27.78    32.8   0.490  1452.2
 290.0   -0.12   -0.13   34.61   27.82    29.2   0.493  1452.9
 300.0   -0.05   -0.06   34.64   27.84    26.9   0.496  1453.4
 310.0    0.00   -0.01   34.67   27.86    25.2   0.498  1453.9
 320.0    0.05    0.04   34.70   27.88    23.3   0.501  1454.3
 330.0    0.11    0.10   34.72   27.90    21.6   0.503  1454.8
 340.0    0.15    0.14   34.74   27.91    20.3   0.505  1455.2
 350.0    0.19    0.18   34.76   27.92    19.2   0.507  1455.5
 370.0    0.26    0.25   34.79   27.94    17.4   0.511  1456.2
 390.0    0.30    0.28   34.81   27.96    16.1   0.514  1456.8
 410.0    0.34    0.32   34.83   27.97    15.3   0.517  1457.3
 430.0    0.37    0.35   34.83   27.97    14.9   0.520  1457.8
 450.0    0.41    0.39   34.85   27.98    14.3   0.523  1458.3
 470.0    0.43    0.41   34.85   27.99    13.8   0.526  1458.7
 490.0    0.44    0.42   34.86   27.99    13.6   0.529  1459.1
 510.0    0.45    0.43   34.86   27.99    13.5   0.532  1459.5
 530.0    0.45    0.43   34.86   27.99    13.2   0.534  1459.8
 550.0    0.45    0.42   34.86   27.99    13.3   0.537  1460.1
 570.0    0.42    0.40   34.86   27.99    13.3   0.540  1460.4
 590.0    0.40    0.37   34.86   27.99    13.5   0.542  1460.6

                      DEPTH      TEMP.      SALIN

       BOT NUM = 1      3.1      -1.51      29.90
       BOT NUM = 2     37.2                 30.89
       BOT NUM = 3    244.1      -0.71      34.19
       BOT NUM = 4    498.4       0.45      34.85
       BOT NUM = 5    593.7       0.41      34.86
```

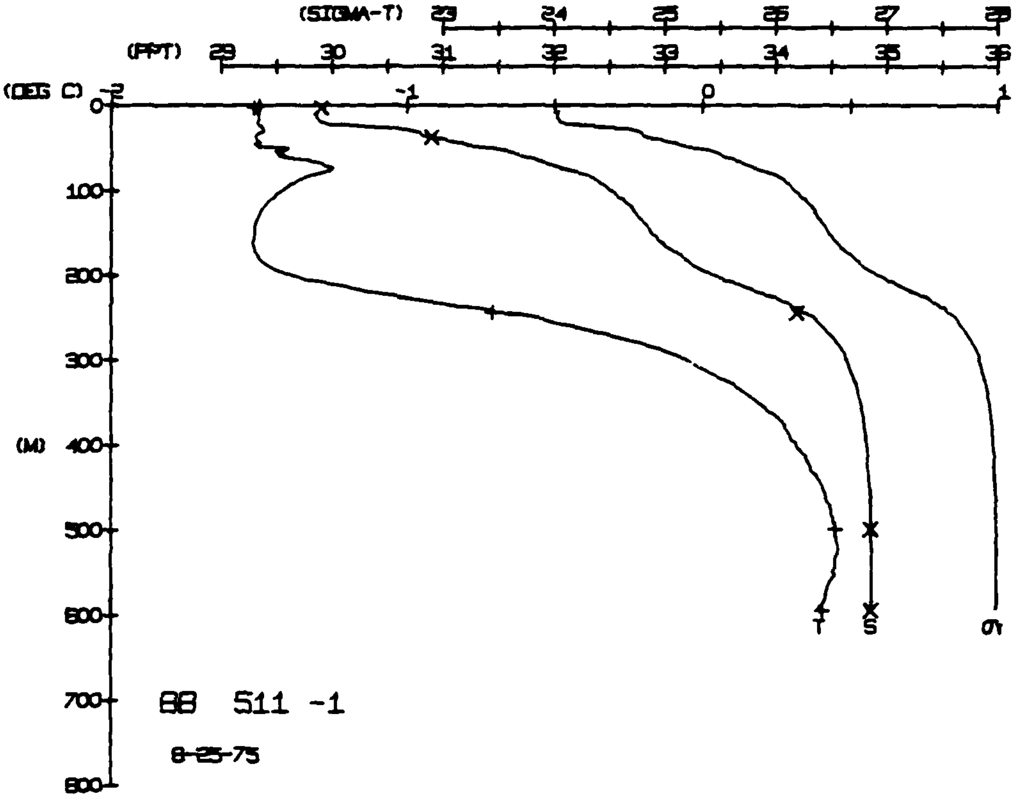
```
BIG BEAR STATION 513(1) CTD  26/AUG/1975  445 GMT  CODE = 2
LAT = 74.5179N LNG = 140.7307W LTER =      2. LGER =      3.
AIR TEMP =  -0.1 BAROM = 1001.2 WIND = 153.4 SPEED =  59.3

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.52   -1.52   29.86   24.03   388.8   0.000  1434.9
   5.0   -1.52   -1.52   29.86   24.03   388.7   0.020  1435.0
   5.0   -1.52   -1.52   29.86   24.03   388.7   0.020  1435.0
  10.0   -1.52   -1.52   29.86   24.03   388.5   0.039  1435.1
  15.0   -1.52   -1.52   29.86   24.03   388.8   0.059  1435.2
  20.0   -1.51   -1.51   29.87   24.04   388.3   0.078  1435.3
  25.0   -1.49   -1.49   30.46   24.52   342.1   0.097  1436.3
  30.0   -1.48   -1.48   30.76   24.76   319.3   0.113  1436.9
  35.0   -1.50   -1.50   30.88   24.86   310.0   0.129  1437.0
  40.0   -1.53   -1.53   31.03   24.98   298.5   0.144  1437.2
  45.0   -1.50   -1.50   31.25   25.16   281.2   0.159  1437.7
  50.0   -1.51   -1.51   31.47   25.33   264.4   0.173  1438.1
  55.0   -1.39   -1.40   31.60   25.44   254.4   0.186  1438.9
  60.0   -1.34   -1.34   31.75   25.56   243.1   0.198  1439.4
  65.0   -1.30   -1.30   31.88   25.66   233.4   0.210  1439.9
  70.0   -1.26   -1.26   32.04   25.79   220.9   0.222  1440.4
  80.0   -1.31   -1.31   32.28   25.98   202.6   0.243  1440.6
  90.0   -1.40   -1.40   32.47   26.14   187.8   0.263  1440.6
 100.0   -1.44   -1.44   32.57   26.22   180.1   0.281  1440.7
 110.0   -1.48   -1.48   32.66   26.29   173.1   0.299  1440.9
 120.0   -1.50   -1.50   32.72   26.34   168.3   0.316  1441.0
 130.0   -1.51   -1.52   32.77   26.38   164.1   0.333  1441.2
 140.0   -1.52   -1.52   32.81   26.42   160.7   0.350  1441.4
 150.0   -1.52   -1.53   32.87   26.47   156.3   0.366  1441.6
 160.0   -1.53   -1.53   32.92   26.50   152.5   0.381  1441.8
 170.0   -1.52   -1.53   32.95   26.53   149.6   0.396  1442.1
 180.0   -1.52   -1.52   33.02   26.58   144.8   0.411  1442.3
 190.0   -1.50   -1.50   33.13   26.67   136.2   0.425  1442.7
 200.0   -1.46   -1.46   33.27   26.78   125.8   0.439  1443.3
 210.0   -1.36   -1.36   33.52   26.98   106.9   0.450  1444.3
 220.0   -1.21   -1.22   33.73   27.15    91.3   0.460  1445.5
 230.0   -1.03   -1.04   33.95   27.33    73.6   0.469  1446.8
 240.0   -0.77   -0.78   34.19   27.51    57.8   0.476  1448.5
 250.0   -0.57   -0.58   34.33   27.61    47.9   0.481  1449.8
 260.0   -0.43   -0.44   34.41   27.68    42.1   0.485  1450.7
 270.0   -0.34   -0.35   34.48   27.72    38.0   0.489  1451.4
 280.0   -0.23   -0.24   34.53   27.76    34.2   0.493  1452.1
 290.0   -0.14   -0.15   34.58   27.80    30.7   0.496  1452.8
 300.0   -0.07   -0.08   34.62   27.83    28.0   0.499  1453.3
 310.0   -0.02   -0.04   34.65   27.84    26.6   0.502  1453.7
 320.0    0.04    0.03   34.68   27.86    24.6   0.505  1454.2
 330.0    0.09    0.08   34.70   27.88    22.9   0.507  1454.7
 340.0    0.14    0.13   34.73   27.90    21.2   0.509  1455.1
 350.0    0.18    0.17   34.75   27.92    20.0   0.511  1455.5
 370.0    0.26    0.24   34.78   27.94    17.9   0.515  1456.2
 390.0    0.31    0.29   34.81   27.95    16.6   0.519  1456.8
 410.0    0.35    0.33   34.82   27.96    15.7   0.522  1457.3
 430.0    0.38    0.36   34.83   27.97    15.1   0.525  1457.8
 450.0    0.41    0.39   34.84   27.98    14.7   0.528  1458.3
 470.0    0.43    0.41   34.85   27.98    14.3   0.531  1458.7
 490.0    0.45    0.42   34.86   27.99    13.8   0.534  1459.1
 510.0    0.46    0.43   34.86   27.99    13.6   0.537  1459.5
 530.0    0.45    0.43   34.86   27.99    13.3   0.539  1459.8
 550.0    0.44    0.42   34.86   27.99    13.3   0.542  1460.1
 570.0    0.42    0.39   34.86   27.99    13.5   0.545  1460.4
 590.0    0.39    0.37   34.86   27.99    13.5   0.547  1460.6
 593.1    0.39    0.36   34.86   27.99    13.5   0.548  1460.6

                      DEPTH      TEMP.      SALIN

       BOT NUM = 1      3.1      -1.55      29.89
       BOT NUM = 2     38.4                 30.95
       BOT NUM = 3    245.7                 34.27
       BOT NUM = 4    497.9       0.46
       BOT NUM = 5    592.3       0.40      34.85
```



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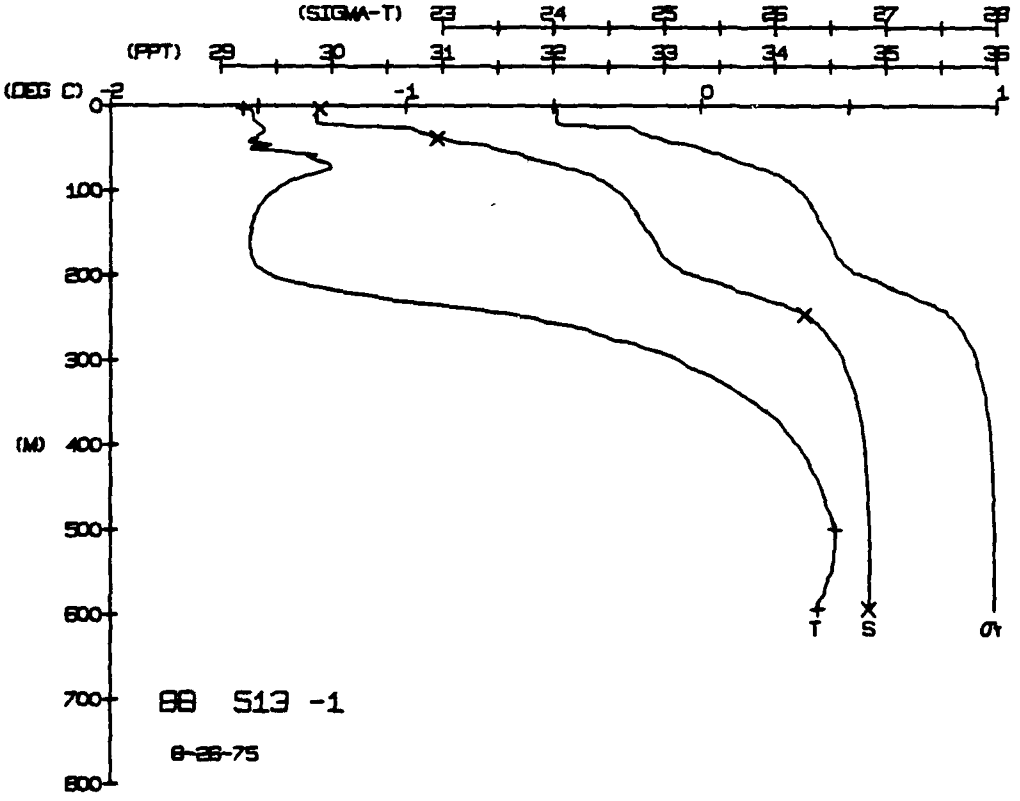

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8-26-75

```
BIG BEAR STATION 515(1) CTD  26/AUG/1975 1700 GMT  CODE = 2
LAT = 74.5566N LNG = 140.7224W LTER =      0, LGER =      0,
AIR TEMP =  -0.1 BAROM =  981.3 WIND = 153.4 SPEED =  59.3

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

  0.0   -1.53   -1.53   29.83   24.01   391.0   0.000  1434.9
  5.0   -1.53   -1.53   29.83   24.01   390.9   0.020  1434.9
  6.9   -1.53   -1.53   29.83   24.01   390.9   0.027  1435.0
 10.0   -1.[illegible]   -1.53   29.83   24.01   391.2   0.039  1435.0
 15.0   [illegible]   -1.52   29.82   24.00   391.5   0.059  1435.1
 20.0   [illegible]   -1.51   29.97   24.12   380.2   0.078  1435.5
 25.0   -1.49   -1.49   30.44   24.50   344.1   0.097  1436.3
 30.0   -1.49   -1.49   30.75   24.75   320.2   0.113  1436.8
 35.0   -1.51   -1.51   30.86   24.84   311.8   0.129  1437.0
 40.0   -1.50   -1.50   31.01   24.96   300.2   0.145  1437.3
 45.0   -1.47   -1.47   31.25   25.15   281.5   0.159  1437.9
 50.0   -1.51   -1.51   31.47   25.34   264.1   0.173  1438.1
 55.0   -1.47   -1.47   31.55   25.40   258.1   0.186  1438.5
 60.0   -1.46   -1.46   31.71   25.53   245.8   0.199  1438.8
 65.0   -1.37   -1.37   31.87   25.66   233.6   0.211  1439.5
 70.0   -1.27   -1.27   31.99   25.75   225.2   0.223  1440.2
 80.0   -1.29   -1.29   32.22   25.94   206.8   0.244  1440.7
 90.0   -1.36   -1.36   32.38   26.06   194.9   0.265  1440.7
100.0   -1.42   -1.42   32.51   26.17   184.7   0.284  1440.8
110.0   -1.45   -1.45   32.58   26.23   179.0   0.302  1440.9
120.0   -1.48   -1.48   32.68   26.31   171.2   0.320  1441.1
130.0   -1.49   -1.49   32.73   26.35   167.5   0.337  1441.2
140.0   -1.51   -1.51   32.80   26.41   161.3   0.354  1441.4
150.0   -1.52   -1.52   32.88   26.47   155.6   0.369  1441.6
160.0   -1.52   -1.52   32.96   26.54   149.3   0.385  1441.9
170.0   -1.51   -1.52   33.07   26.63   140.7   0.400  1442.3
180.0   -1.50   -1.50   33.15   26.69   134.4   0.413  1442.6
190.0   -1.47   -1.47   33.26   26.78   126.0   0.427  1443.1
200.0   -1.39   -1.40   33.43   26.92   113.4   0.439  1443.8
210.0   -1.29   -1.29   33.61   27.06   100.0   0.449  1444.7
220.0   -1.12   -1.13   33.86   27.26    81.2   0.459  1446.1
230.0   -0.95   -0.96   34.07   27.42    66.3   0.466  1447.3
240.0   -0.75   -0.76   34.22   27.53    55.7   0.472  1448.6
250.0   -0.55   -0.56   34.34   27.62    47.1   0.477  1449.9
260.0   -0.43   -0.44   34.42   27.68    41.5   0.482  1450.7
270.0   -0.32   -0.33   34.49   27.73    37.1   0.486  1451.5
280.0   -0.24   -0.25   34.54   27.77    33.7   0.489  1452.1
290.0   -0.13   -0.14   34.59   27.80    30.6   0.493  1452.8
300.0   -0.05   -0.06   34.63   27.83    27.4   0.496  1453.4
310.0    0.02    0.01   34.67   27.86    25.0   0.498  1454.0
320.0    0.08    0.07   34.70   27.88    23.3   0.501  1454.4
330.0    0.11    0.10   34.72   27.90    21.8   0.503  1454.8
340.0    0.15    0.14   34.74   27.91    20.8   0.505  1455.1
350.0    0.19    0.18   34.76   27.92    19.6   0.507  1455.5
370.0    0.26    0.25   34.79   27.94    17.8   0.511  1456.2
390.0    0.32    0.30   34.81   27.95    16.7   0.514  1456.8
410.0    0.36    0.34   34.82   27.96    15.6   0.518  1457.4
430.0    0.38    0.36   34.83   27.97    15.2   0.521  1457.8
450.0    0.41    0.39   34.84   27.98    14.6   0.524  1458.3
470.0    0.43    0.41   34.85   27.98    14.2   0.527  1458.7
490.0    0.44    0.42   34.85   27.98    13.9   0.530  1459.1
510.0    0.45    0.43   34.86   27.99    13.6   0.532  1459.5
530.0    0.44    0.42   34.86   27.99    13.5   0.535  1459.8
550.0    0.43    0.41   34.86   27.99    13.3   0.538  1460.1
570.0    0.41    0.38   34.86   27.99    13.5   0.540  1460.3
590.0    0.39    0.36   34.85   27.99    13.6   0.543  1460.6
591.0    0.39    0.36   34.85   27.99    13.6   0.543  1460.6

                     DEPTH      TEMP.      SALIN

      BOT NUM = 1      3.1      -1.53
      BOT NUM = 2     36.5                 30.91
      BOT NUM = 3    244.4      -0.68      34.27
      BOT NUM = 4    497.8       0.44      34.85
      BOT NUM = 5    591.8       0.40      34.85
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```
BIG BEAR STATION 517(1) CTD  27/AUG/1975  415 GMT  CODE = 2
LAT = 74.5707N LNG = 140.5711W LTER =      2, LGER =      3,
AIR TEMP =   0.5 BAROM =  972.8 WIND = 240.7 SPEED =  74.8

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

  0.0   -1.52   -1.52   29.83   24.01   391.3   0.000  1434.9
  3.7   -1.52   -1.52   29.83   24.01   391.3   0.015  1434.9
  5.0   -1.52   -1.52   29.83   24.00   391.5   0.020  1435.0
 10.0   -1.52   -1.52   29.83   24.01   391.3   0.039  1435.0
 15.0   -1.52   -1.52   29.83   24.00   391.4   0.059  1435.1
 20.0   -1.51   -1.51   29.82   24.00   391.6   0.079  1435.2
 25.0   -1.48   -1.48   30.71   24.72   323.1   0.097  1436.7
 30.0   -1.49   -1.49   30.75   24.75   319.9   0.113  1436.8
 35.0   -1.50   -1.50   30.78   24.78   317.4   0.129  1436.9
 40.0   -1.55   -1.55   30.94   24.90   305.3   0.145  1437.0
 45.0   -1.53   -1.53   31.06   25.00   295.9   0.160  1437.3
 50.0   -1.48   -1.48   31.31   25.21   276.5   0.174  1438.0
 55.0   -1.41   -1.41   31.49   25.35   262.8   0.188  1438.6
 60.0   -1.44   -1.44   31.65   25.48   250.9   0.201  1438.8
 65.0   -1.49   -1.50   31.77   25.57   241.6   0.213  1438.8
 70.0   -1.33   -1.33   31.91   25.69   230.8   0.225  1439.8
 80.0   -1.27   -1.27   32.17   25.89   211.0   0.247  1440.7
 90.0   -1.35   -1.35   32.35   26.04   197.1   0.268  1440.7
100.0   -1.40   -1.40   32.47   26.14   187.5   0.287  1440.8
110.0   -1.45   -1.45   32.58   26.23   179.1   0.306  1440.9
120.0   -1.48   -1.48   32.66   26.30   172.5   0.324  1441.0
130.0   -1.49   -1.50   32.72   26.34   168.1   0.341  1441.2
140.0   -1.51   -1.51   32.80   26.41   162.0   0.357  1441.4
150.0   -1.52   -1.52   32.87   26.47   156.1   0.373  1441.6
160.0   -1.52   -1.52   32.95   26.53   150.0   0.389  1441.9
170.0   -1.52   -1.52   33.04   26.60   143.0   0.404  1442.2
180.0   -1.50   -1.51   33.13   26.68   135.9   0.418  1442.6
190.0   -1.46   -1.47   33.26   26.78   125.9   0.431  1443.1
200.0   -1.41   -1.41   33.38   26.87   117.3   0.443  1443.7
210.0   -1.28   -1.29   33.60   27.05   100.4   0.454  1444.8
220.0   -1.13   -1.14   33.82   27.22    84.3   0.464  1446.0
230.0   -0.96   -0.97   34.02   27.38    69.7   0.471  1447.2
240.0   -0.77   -0.77   34.20   27.52    57.0   0.478  1448.5
250.0   -0.61   -0.62   34.31   27.60    49.5   0.483  1449.6
260.0   -0.46   -0.47   34.40   27.67    42.9   0.488  1450.6
270.0   -0.34   -0.35   34.48   27.72    37.7   0.492  1451.4
280.0   -0.23   -0.24   34.54   27.77    33.3   0.495  1452.2
290.0   -0.12   -0.13   34.59   27.81    30.0   0.499  1452.9
300.0   -0.05   -0.07   34.64   27.84    27.3   0.502  1453.4
310.0    0.02    0.01   34.67   27.86    25.3   0.504  1454.0
320.0    0.07    0.06   34.69   27.88    23.7   0.507  1454.4
330.0    0.11    0.10   34.71   27.89    22.4   0.509  1454.8
340.0    0.14    0.13   34.73   27.90    21.0   0.511  1455.1
350.0    0.19    0.17   34.75   27.92    20.0   0.513  1455.5
370.0    0.26    0.24   34.78   27.94    18.2   0.517  1456.2
390.0    0.31    0.29   34.80   27.95    16.9   0.521  1456.8
410.0    0.35    0.33   34.82   27.96    16.0   0.524  1457.3
430.0    0.38    0.36   34.83   27.97    15.4   0.527  1457.8
450.0    0.41    0.39   34.84   27.97    14.8   0.530  1458.3
470.0    0.43    0.41   34.85   27.98    14.3   0.533  1458.7
490.0    0.45    0.42   34.85   27.98    14.0   0.536  1459.1
510.0    0.45    0.43   34.86   27.99    13.7   0.539  1459.5
530.0    0.45    0.43   34.86   27.99    13.7   0.542  1459.8
550.0    0.43    0.41   34.86   27.99    13.5   0.544  1460.1
570.0    0.41    0.38   34.85   27.99    13.7   0.547  1460.3
590.0    0.39    0.37   34.85   27.99    13.7   0.550  1460.6
591.6    0.39    0.37   34.85   27.99    13.8   0.550  1460.6

                     DEPTH      TEMP.      SALIN

      BOT NUM = 1      3.1      -1.53      29.85
      BOT NUM = 2     38.2                 30.92
      BOT NUM = 3    245.3      -0.65      34.27
      BOT NUM = 4    496.5       0.45      34.85
      BOT NUM = 5    589.8       0.40      34.85
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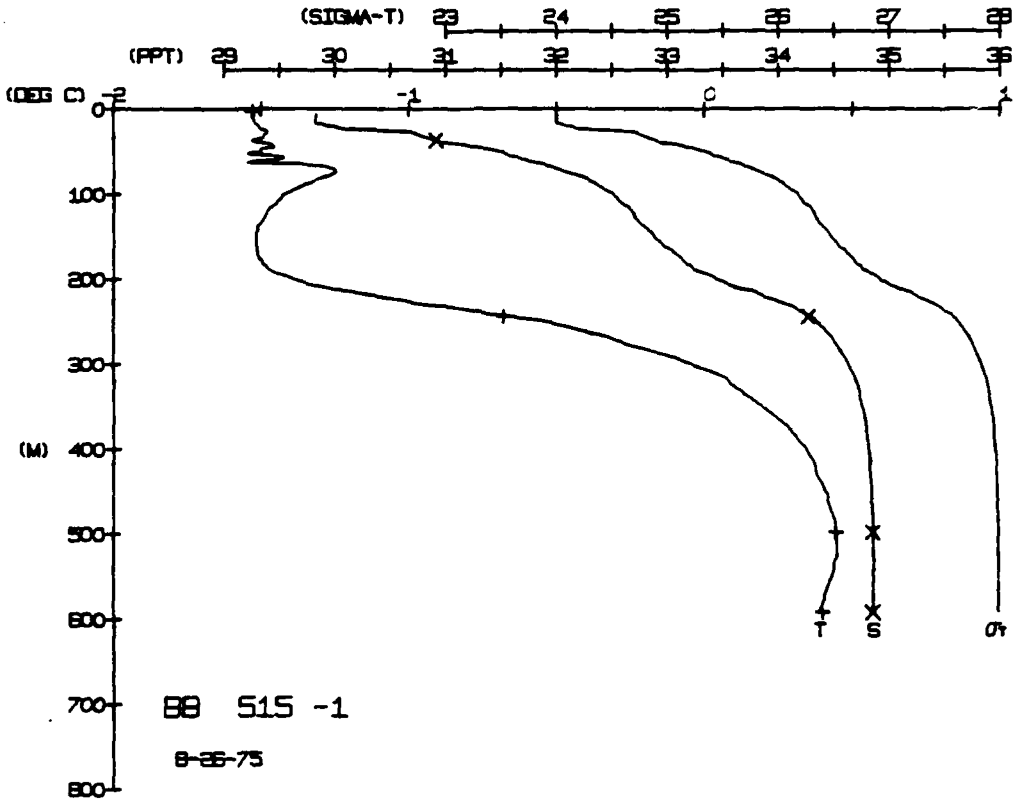
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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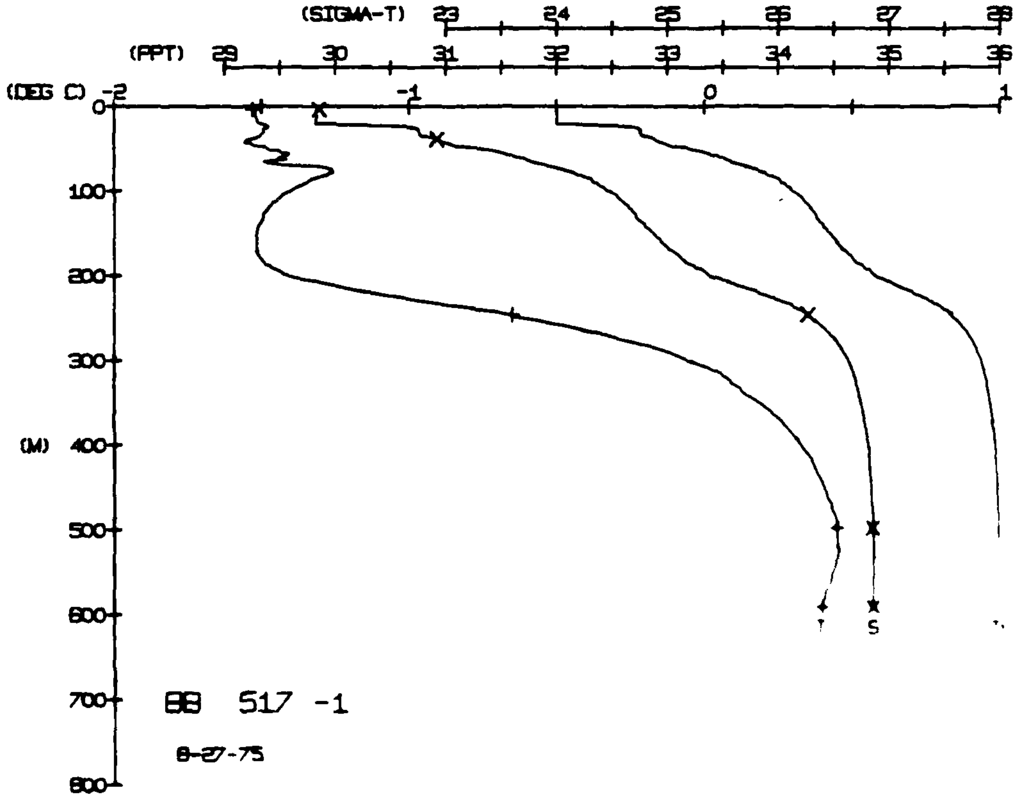
100
200
300
(M) 400
500
600
700
800
T
S
σT
BB 515 -1
8-26-75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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
T
S
BB 517 -1
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AD-A118 205 LAMONT-DOHERTY GEOLOGICAL OBSERVATORY PALISADES NY F/G 8/10
ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976. PHYSICAL OCEANO--ETC(U)
FEB 80 E BAUER, K HUNKINS, T O MANLEY N00014-76-C-0004
UNCLASSIFIED LDGO-CU-11-80 NL

5 OF 5
AD A
118205

END
DATE
FILMED
09-82
DTIC

```
BIG BEAR STATION 519(1) CTD  27/AUG/1975 1725 GMT  CODE = 2
LAT = 74.4979N LNG = 140.3272W LTER =      2, LGER =      3.
AIR TEMP =    0.5 BAROM =  982.2 WIND = 240.7 SPEED =  74.8

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.48   -1.48   29.85   24.02   389.8   0.000  1435.1
   5.0   -1.48   -1.48   29.85   24.02   389.8   0.020  1435.2
  10.0   -1.48   -1.48   29.85   24.02   389.7   0.039  1435.3
  15.0   -1.48   -1.48   29.85   24.02   389.7   0.059  1435.4
  20.0   -1.48   -1.48   29.85   24.02   389.6   0.078  1435.4
  25.0   -1.48   -1.48   29.85   24.02   389.5   0.098  1435.5
  25.2   -1.48   -1.48   29.85   24.02   389.5   0.098  1435.5
  30.0   -1.45   -1.45   30.77   24.77   318.6   0.116  1437.0
  35.0   -1.50   -1.51   30.92   24.89   306.8   0.132  1437.1
  40.0   -1.55   -1.55   31.01   24.96   300.0   0.147  1437.1
  45.0   -1.54   -1.54   31.11   25.04   292.2   0.162  1437.3
  50.0   -1.56   -1.56   31.21   25.12   284.7   0.176  1437.5
  55.0   -1.56   -1.56   31.33   25.22   274.8   0.191  1437.7
  60.0   -1.45   -1.45   31.49   25.34   263.3   0.204  1438.5
  65.0   -1.38   -1.38   31.68   25.50   248.4   0.217  1439.2
  70.0   -1.28   -1.28   31.89   25.67   232.6   0.229  1440.1
  80.0   -1.26   -1.26   32.13   25.86   214.4   0.252  1440.6
  90.0   -1.34   -1.34   32.33   26.03   198.4   0.272  1440.7
 100.0   -1.39   -1.39   32.43   26.10   190.8   0.292  1440.8
 110.0   -1.43   -1.43   32.55   26.20   181.3   0.311  1440.9
 120.0   -1.46   -1.47   32.64   26.28   174.3   0.329  1441.1
 130.0   -1.48   -1.49   32.70   26.33   169.1   0.346  1441.2
 140.0   -1.50   -1.50   32.77   26.38   164.3   0.363  1441.4
 150.0   -1.51   -1.51   32.83   26.43   159.5   0.379  1441.6
 160.0   -1.51   -1.51   32.90   26.49   154.2   0.395  1441.9
 170.0   -1.51   -1.51   32.98   26.56   147.4   0.410  1442.2
 180.0   -1.50   -1.50   33.08   26.64   139.9   0.425  1442.5
 190.0   -1.48   -1.49   33.18   26.72   132.1   0.439  1442.9
 200.0   -1.43   -1.43   33.32   26.83   121.4   0.451  1443.5
 210.0   -1.31   -1.32   33.52   26.99   106.4   0.463  1444.5
 220.0   -1.18   -1.19   33.72   27.14    92.2   0.473  1445.6
 230.0   -1.04   -1.04   33.92   27.30    77.2   0.481  1446.7
 240.0   -0.85   -0.86   34.13   27.46    62.6   0.489  1448.0
 250.0   -0.64   -0.65   34.27   27.56    52.4   0.494  1449.3
 260.0   -0.45   -0.46   34.38   27.65    44.3   0.499  1450.6
 270.0   -0.32   -0.33   34.47   27.71    38.5   0.503  1451.4
 280.0   -0.24   -0.25   34.51   27.75    35.5   0.507  1452.1
 290.0   -0.15   -0.16   34.57   27.78    32.1   0.511  1452.7
 300.0   -0.07   -0.09   34.61   27.82    29.1   0.514  1453.3
 310.0   -0.01   -0.02   34.66   27.85    26.0   0.516  1453.8
 320.0    0.05    0.04   34.69   27.87    23.9   0.519  1454.3
 330.0    0.12    0.10   34.72   27.89    22.0   0.521  1454.8
 340.0    0.16    0.15   34.74   27.91    20.7   0.523  1455.2
 350.0    0.20    0.19   34.76   27.92    19.5   0.525  1455.6
 370.0    0.27    0.26   34.78   27.94    18.1   0.529  1456.3
 390.0    0.31    0.29   34.80   27.95    16.9   0.533  1456.8
 410.0    0.35    0.33   34.82   27.96    15.8   0.536  1457.3
 430.0    0.39    0.37   34.83   27.97    15.3   0.539  1457.8
 450.0    0.43    0.41   34.84   27.97    14.8   0.542  1458.4
 470.0    0.44    0.42   34.85   27.98    14.2   0.545  1458.8
 490.0    0.46    0.44   34.85   27.98    14.2   0.548  1459.2
 510.0    0.46    0.44   34.86   27.99    13.8   0.551  1459.5
 530.0    0.46    0.43   34.86   27.99    13.6   0.554  1459.9
 550.0    0.45    0.43   34.86   27.99    13.7   0.556  1460.2
 570.0    0.43    0.40   34.85   27.98    14.0   0.559  1460.4
 590.0    0.40    0.38   34.85   27.98    14.0   0.562  1460.6

                         DEPTH       TEMP.       SALIN

        BOT NUM = 1        3.1       -1.50       29.83
        BOT NUM = 2       40.2                   31.10
        BOT NUM = 3      245.9       -0.72       34.25
        BOT NUM = 4      496.6        0.46       34.85
        BOT NUM = 5      589.7        0.41       34.86
```

```
BIG BEAR STATION 521(1) CTD  28/AUG/1975  445 GMT  CODE = 2
LAT = 74.4238N LNG = 140.1000W LTER =      2, LGER =      4.
AIR TEMP =    0.0 BAROM =  996.2 WIND = 260.4 SPEED = 112.1

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0
   5.0
  10.0
  15.0
  20.0
  25.0
  30.0
  30.4   -1.51   -1.51   29.78   23.97   394.6   0.000  1435.4
  35.0   -1.49   -1.49   29.95   24.10   381.9   0.018  1435.8
  40.0   -1.50   -1.50   30.89   24.86   309.2   0.035  1437.1
  45.0   -1.53   -1.53   31.02   24.97   298.9   0.051  1437.2
  50.0   -1.55   -1.55   31.13   25.06   290.3   0.066  1437.4
  55.0   -1.55   -1.55   31.21   25.13   284.1   0.080  1437.6
  60.0   -1.56   -1.56   31.36   25.25   272.4   0.094  1437.8
  65.0   -1.58   -1.58   31.43   25.31   267.0   0.108  1437.9
  70.0   -1.58   -1.58   31.60   25.44   254.2   0.121  1438.2
  80.0   -1.58   -1.58   31.78   25.58   240.5   0.146  1438.6
  90.0   -1.30   -1.31   32.05   25.80   220.2   0.169  1440.5
 100.0   -1.34   -1.34   32.30   26.00   200.7   0.190  1440.9
 110.0   -1.40   -1.40   32.45   26.12   189.0   0.210  1441.0
 120.0   -1.45   -1.45   32.58   26.23   179.1   0.228  1441.0
 130.0   -1.48   -1.48   32.68   26.31   171.0   0.246  1441.2
 140.0   -1.49   -1.49   32.77   26.38   163.9   0.263  1441.5
 150.0   -1.50   -1.51   32.85   26.45   157.8   0.279  1441.7
 160.0   -1.51   -1.51   32.96   26.54   149.4   0.295  1442.0
 170.0   -1.51   -1.51   33.08   26.63   140.3   0.309  1442.3
 180.0   -1.49   -1.49   33.15   26.70   134.3   0.323  1442.7
 190.0   -1.46   -1.46   33.31   26.82   122.5   0.336  1443.2
 200.0   -1.38   -1.39   33.44   26.93   112.4   0.348  1443.9
 210.0   -1.29   -1.30   33.60   27.05   100.6   0.359  1444.7
 220.0   -1.16   -1.17   33.75   27.17    89.7   0.368  1445.7
 230.0   -0.99   -1.00   33.98   27.35    72.8   0.377  1447.0
 240.0   -0.80   -0.80   34.16   27.49    59.6   0.383  1448.3
 250.0   -0.61   -0.62   34.30   27.59    49.7   0.389  1449.6
 260.0   -0.44   -0.45   34.41   27.67    42.7   0.393  1450.6
 270.0   -0.33   -0.34   34.47   27.71    38.5   0.397  1451.4
 280.0   -0.24   -0.25   34.52   27.75    35.0   0.401  1452.0
 290.0   -0.12   -0.13   34.60   27.81    29.5   0.404  1452.9
 300.0   -0.05   -0.06   34.64   27.84    27.0   0.407  1453.4
 310.0    0.01    0.00   34.68   27.86    24.7   0.410  1453.9
 320.0    0.07    0.06   34.70   27.88    22.9   0.412  1454.4
 330.0    0.10    0.09   34.72   27.89    22.0   0.415  1454.7
 340.0    0.15    0.14   34.75   27.91    20.1   0.417  1455.2
 350.0    0.19    0.17   34.76   27.93    19.0   0.419  1455.5
 370.0    0.25    0.24   34.79   27.94    17.4   0.422  1456.2
 390.0    0.31    0.29   34.81   27.96    16.1   0.426  1456.8
 410.0    0.36    0.34   34.83   27.97    15.3   0.429  1457.4
 430.0    0.39    0.37   34.84   27.97    14.7   0.432  1457.9
 450.0    0.41    0.39   34.85   27.98    14.0   0.435  1458.3
 470.0    0.43    0.41   34.86   27.99    13.7   0.438  1458.7
 490.0    0.45    0.42   34.86   27.99    13.5   0.440  1459.1
 510.0    0.45    0.42   34.86   27.99    13.3   0.443  1459.5
 530.0    0.44    0.42   34.86   27.99    13.3   0.446  1459.8
 550.0    0.43    0.40   34.86   27.99    13.1   0.448  1460.1
 570.0    0.41    0.38   34.86   27.99    13.4   0.451  1460.3
 590.0    0.38    0.36   34.86   27.99    13.2   0.454  1460.5
 591.8    0.38    0.36   34.86   27.99    13.3   0.454  1460.5

                         DEPTH       TEMP.       SALIN

        BOT NUM = 1        3.1       -1.52       29.82
        BOT NUM = 2       37.8                   31.11
        BOT NUM = 3      243.9       -0.59       34.32
        BOT NUM = 4      497.9        0.44       34.85
        BOT NUM = 5      590.5        0.39
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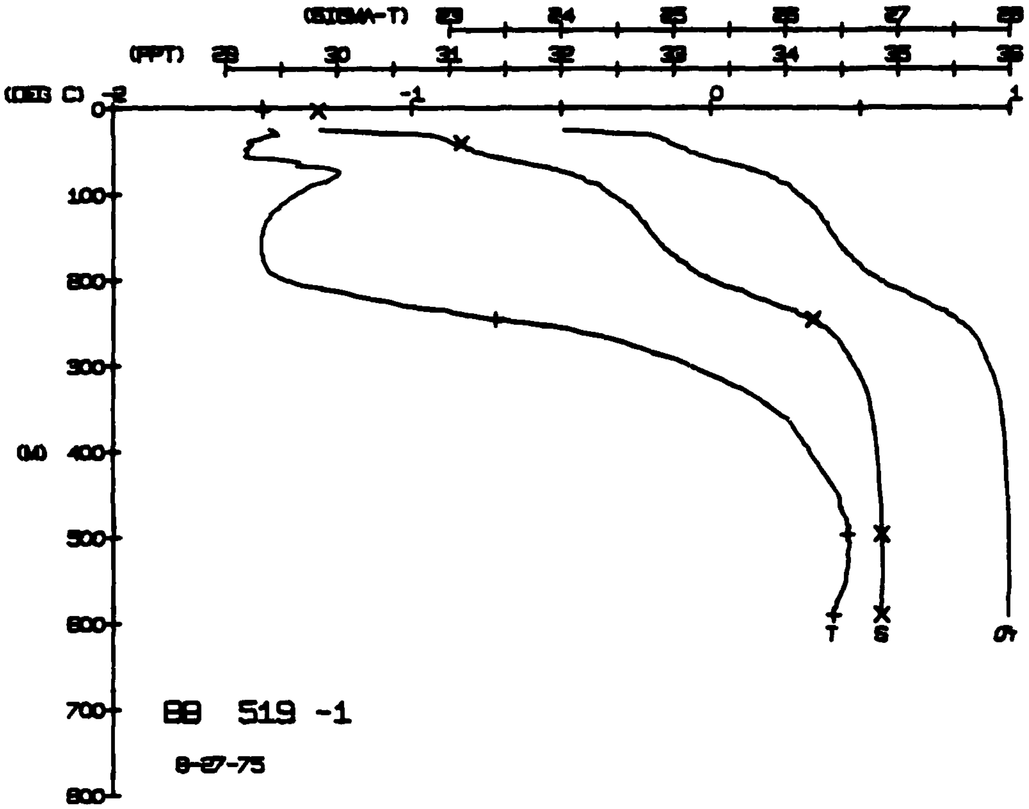
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(PPT) 29 30 31 32 33 34 35 36
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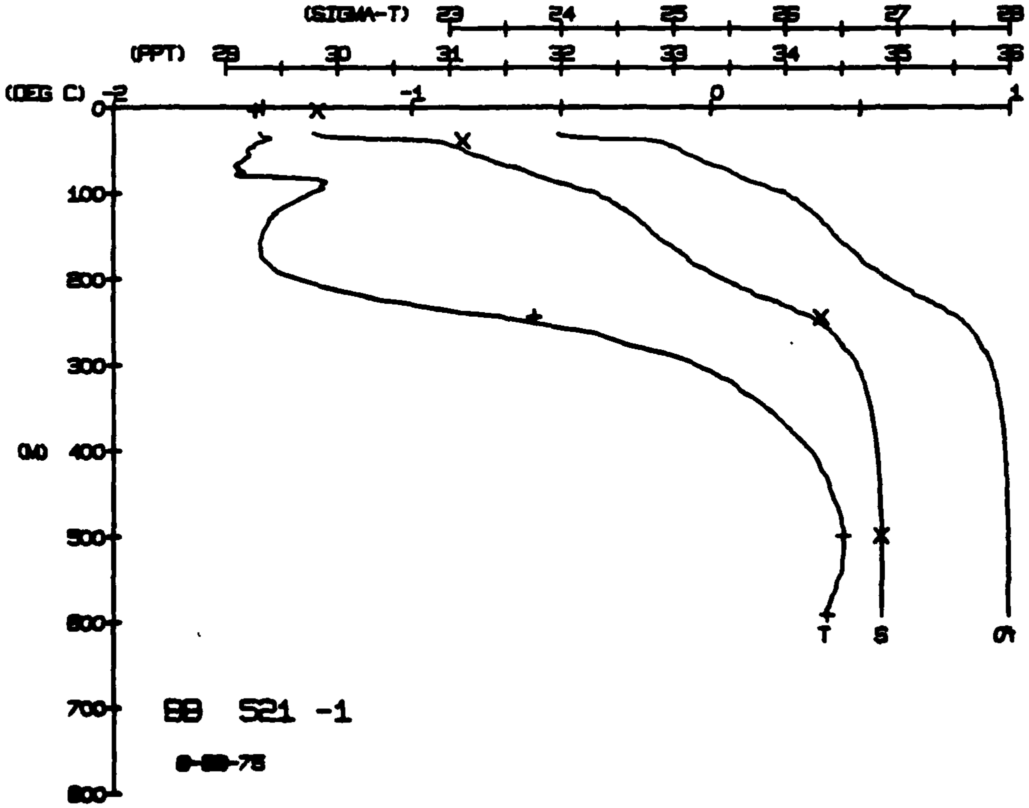
0
100
200
300
(M) 400
500
600
700
800
T
S
σt
BB 519 -1
8-27-75


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
T
S
σt
BB 521 -1
[illegible]-75

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BIG BEAR STATION 525(1) CTD  29/AUG/1975  405 GMT  CODE = 2
LAT = 74.3742N LNG = 139.7096W LTER =      0, LGER =      0,
AIR TEMP =   0.0 BAROM =  998.8 WIND = 260.4 SPEED = 112.1

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0
   5.0
  10.0
  15.0
  20.0
  25.0
  30.0
  34.7  -1.47  -1.47  29.82  24.00  391.6  0.000  1435.7
  35.0  -1.47  -1.47  29.85  24.02  389.3  0.001  1435.7
  40.0  -1.48  -1.48  30.93  24.90  306.0  0.019  1437.3
  45.0  -1.52  -1.52  31.11  25.04  292.0  0.034  1437.4
  50.0  -1.54  -1.54  31.18  25.10  286.7  0.048  1437.5
  55.0  -1.55  -1.55  31.29  25.19  278.3  0.063  1437.7
  60.0  -1.55  -1.55  31.38  25.26  271.8  0.077  1437.9
  65.0  -1.55  -1.55  31.54  25.39  258.6  0.090  1438.2
  70.0  -1.50  -1.50  31.65  25.48  250.6  0.103  1438.7
  80.0  -1.41  -1.41  31.83  25.62  236.7  0.127  1439.5
  90.0  -1.31  -1.31  32.16  25.89  211.3  0.150  1440.6
 100.0  -1.36  -1.36  32.35  26.04  197.9  0.170  1440.8
 110.0  -1.41  -1.41  32.51  26.17  184.7  0.190  1441.0
 120.0  -1.45  -1.45  32.59  26.24  178.3  0.208  1441.1
 130.0  -1.48  -1.48  32.68  26.31  171.3  0.226  1441.2
 140.0  -1.50  -1.50  32.78  26.40  162.8  0.242  1441.4
 150.0  -1.50  -1.50  32.88  26.47  155.4  0.259  1441.7
 160.0  -1.51  -1.51  32.96  26.54  149.1  0.274  1442.0
 170.0  -1.51  -1.51  33.05  26.61  142.5  0.289  1442.3
 180.0  -1.47  -1.48  33.20  26.73  130.8  0.302  1442.8
 190.0  -1.42  -1.43  33.35  26.85  119.5  0.315  1443.4
 200.0  -1.33  -1.34  33.51  26.98  107.6  0.326  1444.2
 210.0  -1.21  -1.22  33.68  27.12   94.6  0.337  1445.2
 220.0  -1.06  -1.07  33.90  27.29   78.5  0.345  1446.4
 230.0  -0.90  -0.91  34.06  27.41   66.7  0.353  1447.5
 240.0  -0.70  -0.71  34.24  27.55   54.2  0.359  1448.9
 250.0  -0.53  -0.54  34.35  27.63   46.6  0.364  1450.0
 260.0  -0.37  -0.37  34.44  27.69   40.4  0.368  1451.0
 270.0  -0.24  -0.25  34.51  27.75   35.5  0.372  1451.9
 280.0  -0.15  -0.16  34.57  27.79   31.9  0.376  1452.5
 290.0  -0.07  -0.08  34.62  27.82   28.3  0.379  1453.2
 300.0   0.01  -0.01  34.67  27.86   25.2  0.381  1453.7
 310.0   0.06   0.05  34.70  27.88   23.2  0.384  1454.2
 320.0   0.11   0.09  34.72  27.90   21.6  0.386  1454.6
 330.0   0.16   0.14  34.74  27.91   20.4  0.388  1455.0
 340.0   0.19   0.18  34.76  27.92   19.4  0.390  1455.4
 350.0   0.22   0.21  34.77  27.93   18.6  0.392  1455.7
 370.0   0.28   0.27  34.80  27.95   17.2  0.396  1456.3
 390.0   0.33   0.31  34.82  27.96   16.0  0.399  1456.9
 410.0   0.37   0.35  34.83  27.97   15.3  0.402  1457.4
 430.0   0.39   0.38  34.84  27.98   14.5  0.405  1457.9
 450.0   0.42   0.40  34.85  27.98   14.0  0.408  1458.3
 470.0   0.44   0.42  34.86  27.99   13.8  0.411  1458.8
 490.0   0.45   0.43  34.86  27.99   13.3  0.414  1459.2
 510.0   0.45   0.42  34.86  27.99   13.3  0.416  1459.5
 530.0   0.45   0.42  34.86  27.99   13.1  0.419  1459.8
 550.0   0.43   0.41  34.86  27.99   13.1  0.422  1460.1
 570.0   0.41   0.39  34.86  27.99   13.1  0.424  1460.3
 585.5   0.39   0.36  34.86  27.99   13.3  0.426  1460.5

                      DEPTH      TEMP.      SALIN

     BOT NUM = 1        3.1      -1.52
     BOT NUM = 2      242.5      -0.56      34.35
     BOT NUM = 3      494.7       0.46      34.85
     BOT NUM = 4      586.8       0.40      34.86
```

```
BIG BEAR STATION 527(1) CTD  29/AUG/1975 1710 GMT  CODE = 2
LAT = 74.3207N LNG = 139.5494W LTER =      2, LGER =      4,
AIR TEMP =  -0.3 BAROM = 1001.6 WIND = 316.8 SPEED = 105.1

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0
   5.0
  10.0
  15.0
  20.0
  25.0
  30.0
  30.4  -1.46  -1.46  29.79  23.97  394.3  0.000  1435.6
  35.0  -1.43  -1.44  30.78  24.77  318.1  0.016  1437.2
  40.0  -1.50  -1.50  30.95  24.91  304.5  0.032  1437.2
  45.0  -1.53  -1.53  31.01  24.96  300.1  0.047  1437.2
  50.0  -1.53  -1.54  31.22  25.13  283.7  0.062  1437.6
  55.0  -1.53  -1.53  31.32  25.21  276.2  0.076  1437.8
  60.0  -1.49  -1.49  31.50  25.36  262.1  0.090  1438.4
  65.0  -1.51  -1.51  31.67  25.50  248.7  0.103  1438.6
  70.0  -1.46  -1.46  31.78  25.59  240.2  0.115  1439.1
  80.0  -1.32  -1.32  32.12  25.85  214.9  0.138  1440.4
  90.0  -1.35  -1.35  32.33  26.02  198.6  0.159  1440.7
 100.0  -1.41  -1.41  32.49  26.15  186.4  0.178  1440.8
 110.0  -1.44  -1.44  32.58  26.23  179.1  0.197  1440.9
 120.0  -1.47  -1.47  32.67  26.31  171.6  0.214  1441.1
 130.0  -1.49  -1.49  32.76  26.38  164.5  0.231  1441.3
 140.0  -1.50  -1.51  32.86  26.46  156.8  0.247  1441.5
 150.0  -1.51  -1.51  32.97  26.55  148.6  0.263  1441.8
 160.0  -1.50  -1.50  33.10  26.65  138.9  0.277  1442.2
 170.0  -1.48  -1.48  33.23  26.75  128.9  0.291  1442.7
 180.0  -1.43  -1.43  33.35  26.85  119.6  0.303  1443.2
 190.0  -1.36  -1.37  33.47  26.95  110.6  0.315  1443.9
 200.0  -1.24  -1.24  33.65  27.09   96.9  0.325  1444.9
 210.0  -1.05  -1.06  33.91  27.29   78.2  0.334  1446.3
 220.0  -0.92  -0.92  34.04  27.39   68.8  0.342  1447.3
 230.0  -0.68  -0.69  34.26  27.56   52.7  0.348  1448.8
 240.0  -0.50  -0.51  34.35  27.63   46.4  0.353  1450.0
 250.0  -0.37  -0.38  34.43  27.69   41.0  0.357  1450.8
 260.0  -0.27  -0.28  34.49  27.73   36.8  0.361  1451.5
 270.0  -0.19  -0.20  34.55  27.77   33.1  0.365  1452.1
 280.0  -0.12  -0.13  34.60  27.81   30.0  0.368  1452.7
 290.0  -0.06  -0.07  34.63  27.83   27.4  0.371  1453.2
 300.0   0.01   0.00  34.67  27.86   25.0  0.374  1453.7
 310.0   0.07   0.06  34.71  27.89   22.6  0.376  1454.2
 320.0   0.12   0.11  34.73  27.90   21.2  0.378  1454.7
 330.0   0.17   0.15  34.75  27.92   20.0  0.380  1455.1
 340.0   0.20   0.18  34.76  27.93   19.0  0.382  1455.4
 350.0   0.23   0.22  34.78  27.94   18.1  0.384  1455.7
 370.0   0.28   0.27  34.80  27.95   16.8  0.388  1456.3
 390.0   0.33   0.32  34.82  27.96   15.5  0.391  1456.9
 410.0   0.37   0.35  34.84  27.97   14.7  0.394  1457.4
 430.0   0.40   0.38  34.85  27.98   14.2  0.397  1457.9
 450.0   0.41   0.40  34.85  27.99   13.7  0.400  1458.3
 470.0   0.43   0.41  34.86  27.99   13.4  0.402  1458.7
 490.0   0.44   0.41  34.86  27.99   13.2  0.405  1459.1
 510.0   0.44   0.41  34.87  27.99   13.0  0.408  1459.4
 530.0   0.42   0.40  34.87  27.99   12.9  0.410  1459.7
 550.0   0.41   0.38  34.87  28.00   12.8  0.413  1460.0
 570.0   0.39   0.37  34.86  27.99   13.0  0.416  1460.2
 590.0   0.38   0.35  34.86  27.99   13.2  0.418  1460.5
 592.1   0.37   0.35  34.86  27.99   13.2  0.418  1460.5

                      DEPTH      TEMP.      SALIN

     BOT NUM = 1        3.1      -1.52      29.76
     BOT NUM = 2       39.4                 31.03
     BOT NUM = 3      244.8      -0.45      34.40
     BOT NUM = 4      497.5       0.44      34.86
     BOT NUM = 5      593.7       0.37      34.86
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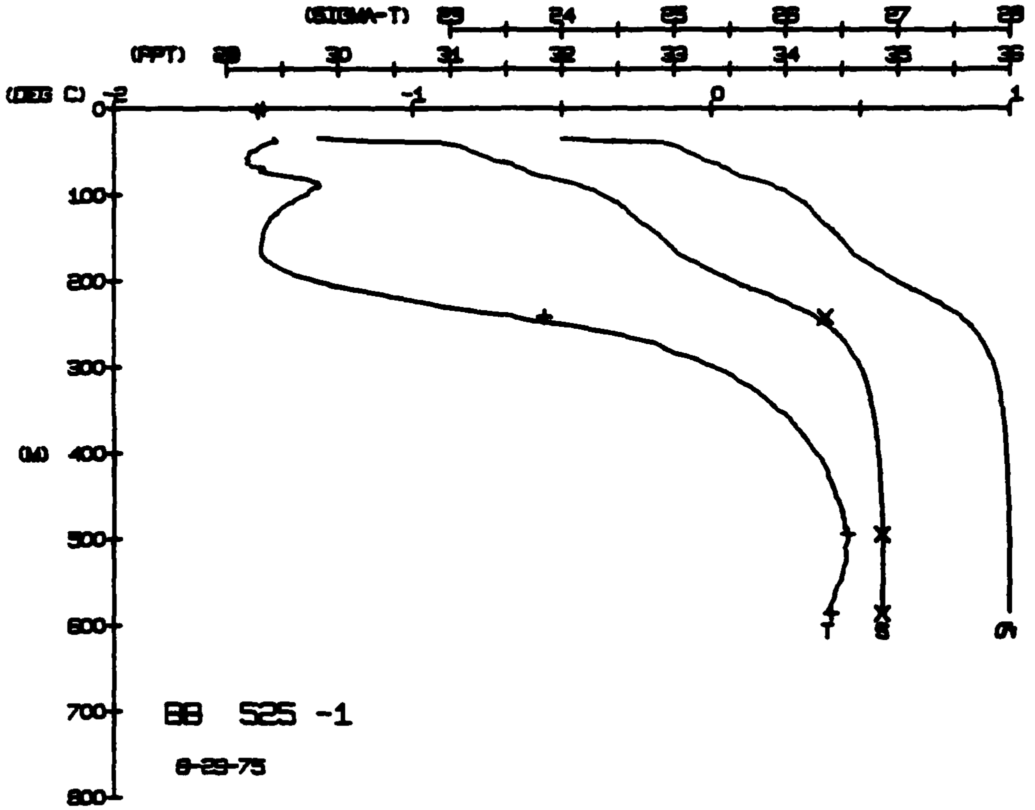
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(DEG C) -2 -1 0 1
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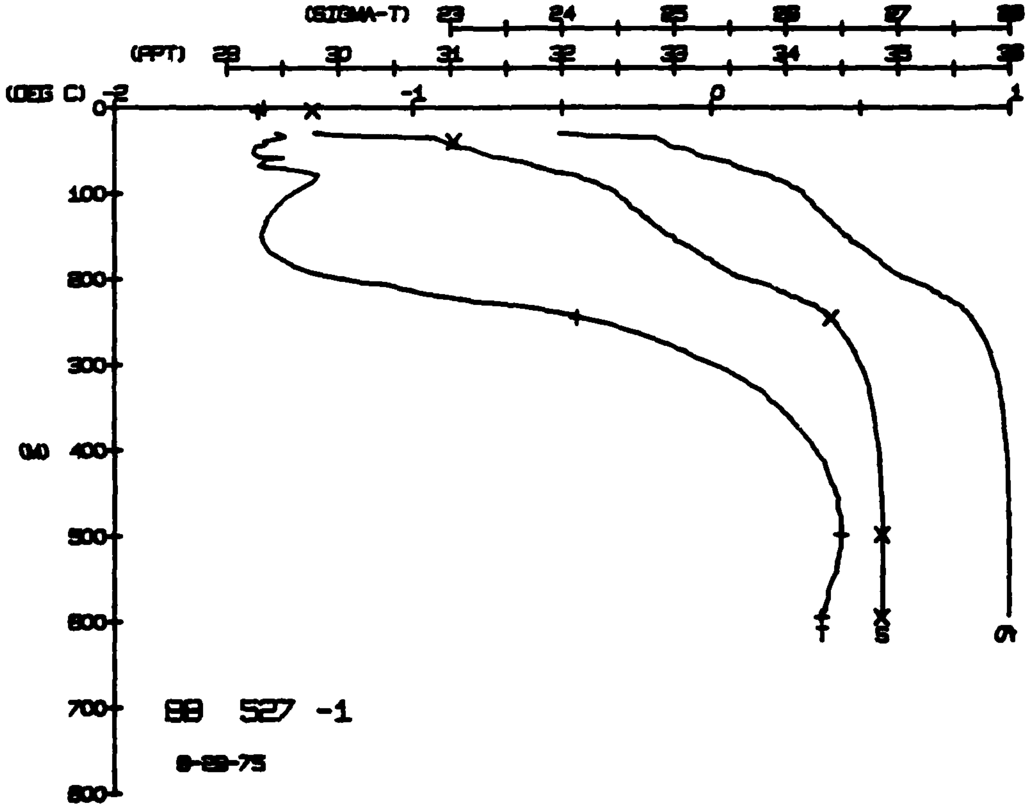
100
200
300
(M) 400
500
600
700
800
T
S
σt
BB 525 -1
8-29-75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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
0
100
200
300
(M) 400
500
600
700
800
T
S
σt
BB 527 -1
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BIG BEAR STATION 529(1) CTD  31/AUG/1975  510 GMT  CODE = 2
LAT = 74.1969N LNG = 139.4317W LTER =      2, LGER =      3,
AIR TEMP =  -0.3 BAROM = 1013.7 WIND = 316.8 SPEED = 105.1

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0
   5.0
  10.0
  15.0
  20.0
  25.0
  30.0
  35.0
  35.1   -1.50   -1.50   29.78   23.96   395.0   0.000   1435.5
  40.0   -1.48   -1.48   30.77   24.76   318.8   0.018   1437.0
  45.0   -1.50   -1.50   30.96   24.92   303.7   0.033   1437.3
  50.0   -1.51   -1.51   31.19   25.11   285.9   0.048   1437.7
  55.0   -1.53   -1.54   31.29   25.19   278.0   0.062   1437.8
  60.0   -1.55   -1.55   31.42   25.30   267.6   0.076   1437.9
  65.0   -1.52   -1.52   31.56   25.41   257.2   0.089   1438.4
  70.0   -1.56   -1.56   31.71   25.54   244.8   0.102   1438.5
  80.0   -1.36   -1.36   31.97   25.74   225.8   0.126   1440.0
  90.0   -1.34   -1.34   32.19   25.91   209.5   0.148   1440.3
 100.0   -1.39   -1.39   32.38   26.07   194.6   0.169   1440.7
 110.0   -1.44   -1.44   32.50   26.17   184.9   0.187   1440.8
 120.0   -1.47   -1.47   32.58   26.23   178.5   0.205   1441.0
 130.0   -1.50   -1.50   32.67   26.30   171.8   0.223   1441.1
 140.0   -1.52   -1.52   32.75   26.37   165.7   0.240   1441.3
 150.0   -1.52   -1.52   32.82   26.43   159.8   0.256   1441.6
 160.0   -1.54   -1.54   32.91   26.50   152.8   0.272   1441.8
 170.0   -1.52   -1.53   33.02   26.59   144.6   0.287   1442.2
 180.0   -1.51   -1.51   33.15   26.69   134.6   0.301   1442.6
 190.0   -1.47   -1.47   33.24   26.79   126.3   0.315   1443.4
 200.0   -1.38   -1.38   33.45   26.93   112.3   0.327   1444.0
 210.0   -1.26   -1.26   33.65   27.09    97.5   0.337   1445.0
 220.0   -1.09   -1.09   33.86   27.25    81.5   0.346   1446.2
 230.0   -0.92   -0.92   34.07   27.42    66.0   0.354   1447.5
 240.0   -0.63   -0.64   34.25   27.55    54.0   0.360   1449.2
 250.0   -0.44   -0.45   34.38   27.65    44.9   0.365   1450.4
 260.0   -0.34   -0.35   34.45   27.70    39.6   0.369   1451.2
 270.0   -0.27   -0.28   34.51   27.75    35.7   0.373   1451.7
 280.0   -0.16   -0.17   34.57   27.79    31.5   0.376   1452.7
 290.0   -0.08   -0.09   34.61   27.81    29.5   0.379   1453.1
 300.0   -0.02   -0.03   34.66   27.85    25.9   0.382   1453.6
 310.0    0.04    0.03   34.67   27.87    23.9   0.384   1454.1
 320.0    0.08    0.07   34.71   27.89    22.3   0.387   1454.5
 330.0    0.13    0.11   34.74   27.91    20.8   0.389   1454.9
 340.0    0.17    0.16   34.76   27.92    19.6   0.391   1455.3
 350.0    0.21    0.20   34.77   27.93    18.6   0.393   1455.6
 370.0    0.28    0.26   34.79   27.95    17.0   0.397   1456.3
 390.0    0.33    0.31   34.81   27.96    16.1   0.400   1456.9
 410.0    0.36    0.34   34.83   27.97    15.3   0.403   1457.4
 430.0    0.37    0.37   34.84   27.98    14.6   0.406   1457.9
 450.0    0.41    0.39   34.85   27.98    14.1   0.409   1458.3
 470.0    0.43    0.41   34.86   27.99    13.7   0.412   1458.7
 490.0    0.43    0.41   34.86   27.99    13.3   0.414   1459.1
 510.0    0.42    0.40   34.86   27.99    13.1   0.417   1459.4
 530.0    0.42    0.39   34.86   27.99    13.0   0.420   1459.7
 550.0    0.40    0.38   34.86   27.99    13.0   0.422   1459.9
 570.0    0.39    0.36   34.86   27.99    13.0   0.425   1460.2
 590.0    0.37    0.34   34.86   27.99    13.2   0.428   1460.5
 591.7    0.36    0.34   34.86   27.99    13.1   0.428   1460.5

                          DEPTH       TEMP.       SALIN

         BOT NUM = 1        3.1                   29.75
         BOT NUM = 2       37.8                   31.20
         BOT NUM = 3      243.7                   34.40
         BOT NUM = 4      499.2                   34.86
         BOT NUM = 5      591.7                   34.86
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```
BIG BEAR STATION 530(2) CTD   1/SEP/1975  345 GMT  CODE = 2
LAT = 74.1415N LNG = 139.3100W LTER =     17, LGER =     35,
AIR TEMP =  -3.1 BAROM = 1005.4 WIND = 259.7 SPEED =  85.3

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.55   -1.55   29.73   23.93   398.8   0.000   1434.6
   5.0   -1.55   -1.55   29.73   23.93   398.8   0.020   1434.7
   7.7   -1.55   -1.55   29.73   23.93   398.7   0.031   1434.8
  10.0   -1.55   -1.55   29.73   23.93   398.8   0.040   1434.8
  15.0   -1.54   -1.54   29.73   23.93   398.8   0.060   1434.9
  20.0   -1.53   -1.53   29.77   23.96   395.5   0.080   1435.1
  25.0   -1.51   -1.51   30.03   24.17   375.8   0.100   1435.6
  30.0   -1.49   -1.49   30.83   24.81   314.2   0.117   1436.9
  35.0   -1.48   -1.48   31.05   25.00   296.6   0.132   1437.4
  40.0   -1.48   -1.48   31.33   25.22   275.2   0.147   1437.8
  45.0   -1.49   -1.49   31.45   25.32   266.2   0.160   1438.1
  50.0   -1.50   -1.50   31.60   25.44   254.1   0.174   1438.3
  55.0   -1.43   -1.43   31.81   25.60   238.8   0.186   1439.0
  60.0   -1.34   -1.35   31.93   25.70   229.5   0.198   1439.6
  65.0   -1.32   -1.33   31.99   25.75   224.5   0.209   1439.9
  70.0   -1.31   -1.31   32.10   25.84   216.5   0.220   1440.2
  80.0   -1.37   -1.37   32.30   26.00   200.5   0.241   1440.4
  90.0   -1.44   -1.44   32.40   26.08   193.1   0.261   1440.3
 100.0   -1.51   -1.51   32.47   26.14   187.1   0.280   1440.3
 110.0   -1.57   -1.57   32.54   26.20   181.7   0.299   1440.3
 120.0   -1.60   -1.60   32.58   26.23   178.5   0.317   1440.4
 130.0   -1.62   -1.62   32.63   26.27   174.5   0.335   1440.5
 140.0   -1.64   -1.64   32.67   26.30   171.5   0.352   1440.6
 150.0   -1.65   -1.65   32.70   26.33   168.9   0.370   1440.8
 160.0   -1.59   -1.59   32.76   26.38   164.5   0.386   1441.3
 170.0   -1.51   -1.52   32.86   26.46   157.0   0.403   1442.0
 180.0   -1.49   -1.49   33.01   26.58   145.4   0.418   1442.5
 190.0   -1.44   -1.45   33.23   26.75   128.7   0.432   1443.2
 200.0   -1.33   -1.34   33.41   26.90   114.9   0.444   1444.1
 210.0   -1.18   -1.18   33.66   27.09    96.6   0.455   1445.3
 220.0   -0.97   -0.97   33.96   27.33    74.6   0.463   1446.9
 230.0   -0.73   -0.74   34.18   27.50    58.4   0.470   1448.5
 240.0   -0.57   -0.57   34.31   27.60    49.6   0.475   1449.6
 250.0   -0.41   -0.42   34.39   27.65    44.2   0.480   1450.6
 260.0   -0.30   -0.31   34.47   27.71    38.7   0.484   1451.4
 270.0   -0.19   -0.20   34.53   27.76    34.5   0.488   1452.1
 280.0   -0.09   -0.11   34.60   27.81    29.8   0.491   1452.8
 290.0   -0.02   -0.03   34.65   27.84    26.6   0.494   1453.4
 300.0    0.05    0.04   34.68   27.87    24.2   0.497   1453.9
 310.0    0.11    0.09   34.71   27.89    22.4   0.499   1454.4
 320.0    0.15    0.14   34.74   27.91    20.9   0.501   1454.8
 330.0    0.20    0.18   34.75   27.92    19.9   0.503   1455.2
 340.0    0.23    0.22   34.77   27.93    19.1   0.505   1455.6
 350.0    0.26    0.25   34.78   27.93    18.3   0.507   1455.9
 370.0    0.31    0.29   34.80   27.95    17.2   0.511   1456.4
 390.0    0.35    0.33   34.81   27.96    16.3   0.514   1457.0
 410.0    0.38    0.37   34.82   27.96    15.7   0.517   1457.5
 430.0    0.41    0.39   34.83   27.97    15.2   0.521   1458.0
 450.0    0.43    0.41   34.84   27.98    14.6   0.524   1458.4
 470.0    0.44    0.42   34.85   27.98    14.3   0.526   1458.8
 490.0    0.45    0.43   34.85   27.98    14.2   0.529   1459.2
 510.0    0.45    0.42   34.85   27.98    14.1   0.532   1459.5
 530.0    0.44    0.42   34.85   27.98    13.9   0.535   1459.8
 550.0    0.43    0.40   34.86   27.99    13.7   0.538   1460.1
 570.0    0.41    0.38   34.85   27.99    13.8   0.541   1460.3
 590.0    0.39    0.36   34.85   27.98    14.0   0.543   1460.5

                          DEPTH       TEMP.       SALIN

         BOT NUM = 1        3.1      -1.50        29.79
         BOT NUM = 2       42.8                   31.48
         BOT NUM = 3      244.5      -0.52        34.37
         BOT NUM = 4      491.9       0.44        34.85
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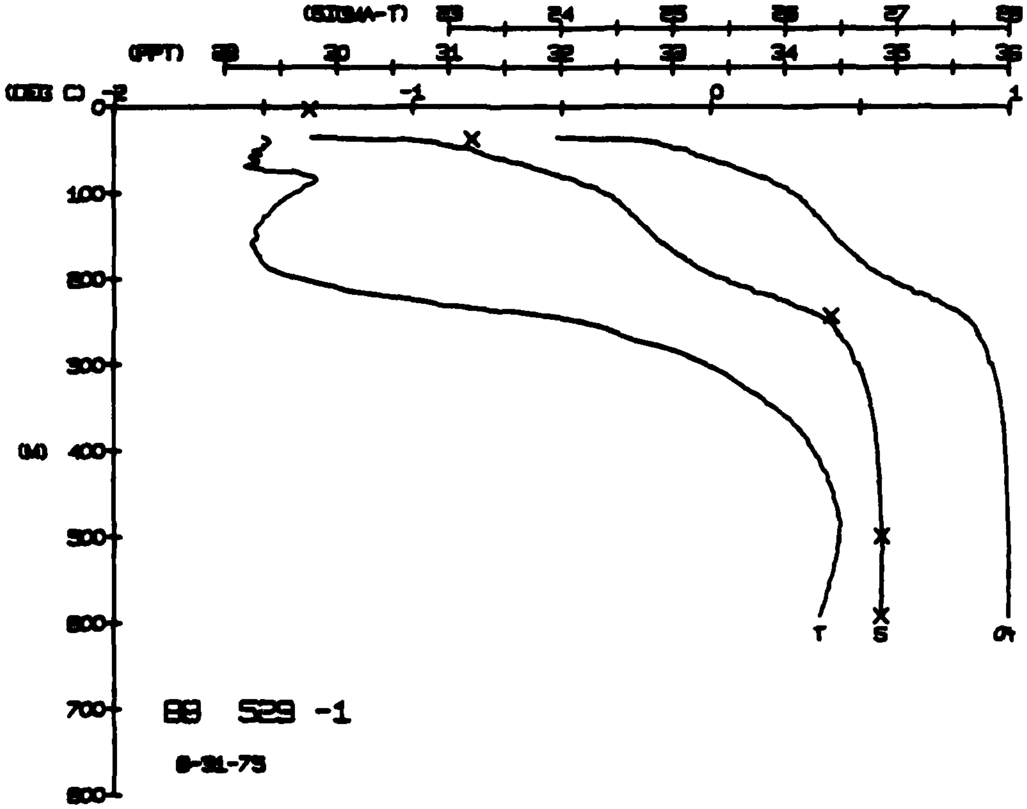
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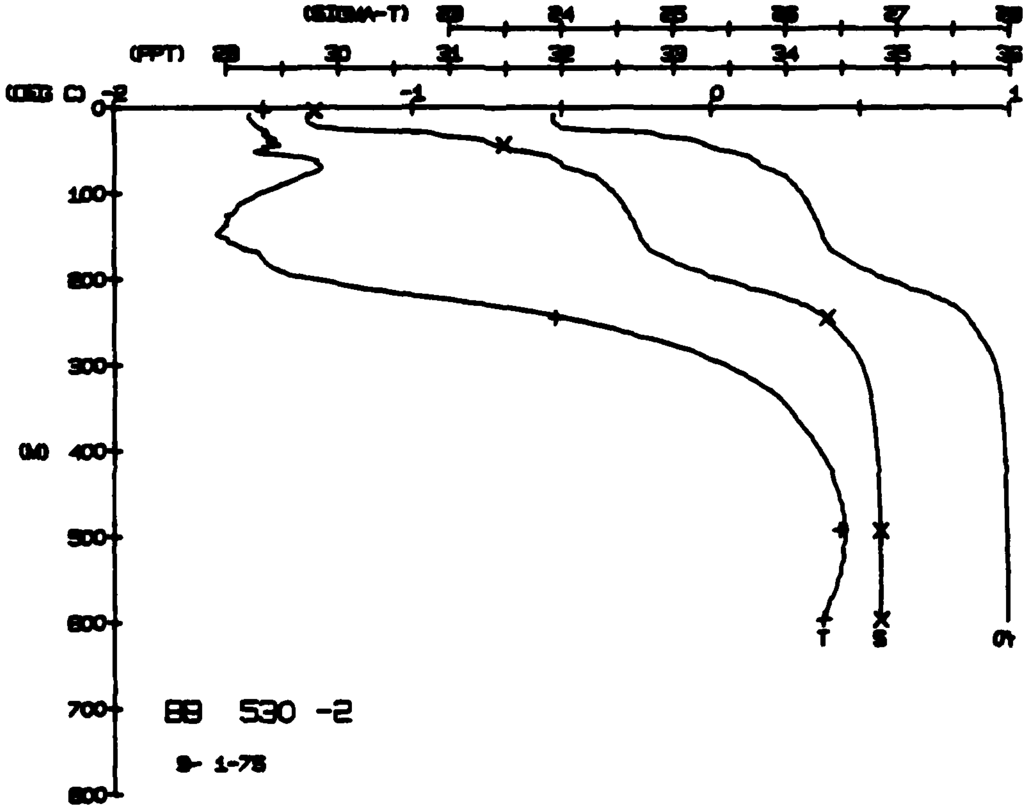
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(PPT) 29 30 31 32 33 34 35 36
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(M)
0
100
200
300
400
500
600
700
800
T
S
σt
BB 530 -2
9- 1-75

```
BIG BEAR STATION 531(1) CTD  21/SEP/1975  624 GMT  CODE= 22
LAT = 73.0700N LNG = 137.4520W LTER =      2, LGER =     3,
AIR TEMP =  -3.1 BAROM = 1009.5 WIND = 259.7 SPEED =  85.3

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

    0.0  -1.61
    4.7  -1.63
    5.0  -1.63
   10.0  -1.63
   15.0  -1.63
   20.0  -1.63
   25.0  -1.61
   30.0  -1.50
   35.0  -1.48
   40.0  -1.48
   45.0  -1.49
   50.0  -1.44
   55.0  -1.59
   60.0  -1.58
   65.0  -1.69
   70.0  -1.37
   80.0  -1.38
   90.0  -1.38
  100.0  -1.37
  110.0  -1.47
  120.0  -1.51
  130.0  -1.52
  140.0  -1.53
  150.0  -1.53
  160.0  -1.52
  170.0  -1.56
  180.0  -1.47
  190.0  -1.38
  200.0  -1.27
  210.0  -1.10
  220.0  -0.92
  230.0  -0.70
  240.0  -0.52
  250.0  -0.36
  260.0  -0.26
  270.0  -0.17
  280.0  -0.09
  290.0  -0.02
  300.0   0.04
  310.0   0.11
  320.0   0.15
  330.0   0.19
  340.0   0.23
  350.0   0.26
  370.0   0.32
  390.0   0.36
  410.0   0.37
  430.0   0.41
  450.0   0.43
  470.0   0.44
  490.0   0.44

                    DEPTH      TEMP.      SALIN

     BOT NUM = 1      3.9      -1.60      29.92
     BOT NUM = 2     32.7      -1.50      30.32
     BOT NUM = 3    100.9      -1.42      32.52
     BOT NUM = 4    371.5                 34.81
     BOT NUM = 5    495.6                 34.86
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BIG BEAR STATION 535(1) CTD  22/SEP/1975  454 GMT  CODE= 22
LAT = 73.0239N LNG = 136.8691W LTER =      1, LGER =     1,
AIR TEMP =  -5.5 BAROM = 1009.3 WIND = 296.6 SPEED =  35.0

DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

    0.0  -1.64
    5.0  -1.64
    8.6  -1.64
   10.0  -1.64
   15.0  -1.64
   20.0  -1.63
   25.0  -1.63
   30.0  -1.54
   35.0  -1.49
   40.0  -1.50
   45.0  -1.52
   50.0  -1.52
   55.0  -1.50
   60.0  -1.47
   65.0  -1.52
   70.0  -1.43
   80.0  -1.34
   90.0  -1.37
  100.0  -1.42
  110.0  -1.46
  120.0  -1.50
  130.0  -1.52
  140.0  -1.53
  150.0  -1.54
  160.0  -1.54
  170.0  -1.52
  180.0  -1.49
  190.0  -1.44
  200.0  -1.36
  210.0  -1.23
  220.0  -0.99
  230.0  -0.70
  240.0  -0.57
  250.0  -0.42
  260.0  -0.31
  270.0  -0.20
  280.0  -0.11
  290.0  -0.04
  300.0   0.03
  310.0   0.09
  320.0   0.14
  330.0   0.19
  340.0   0.22
  350.0   0.26
  370.0   0.31
  390.0   0.36
  410.0   0.38
  430.0   0.41
  450.0   0.43
  470.0   0.44
  490.0   0.45
  510.0   0.44
  530.0   0.43
  550.0   0.41
  570.0   0.39
  590.0   0.37
  610.0   0.35
  630.0   0.32
  650.0   0.30
  670.0   0.27
  690.0   0.24
  710.0   0.22
  730.0   0.19

                    DEPTH      TEMP.      SALIN

     BOT NUM = 1      3.9      -1.62
     BOT NUM = 2     35.1                 31.06
     BOT NUM = 3     45.3      -1.50      31.35
     BOT NUM = 4     55.3                 31.67
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     BOT NUM = 6    732.4       0.10      34.91
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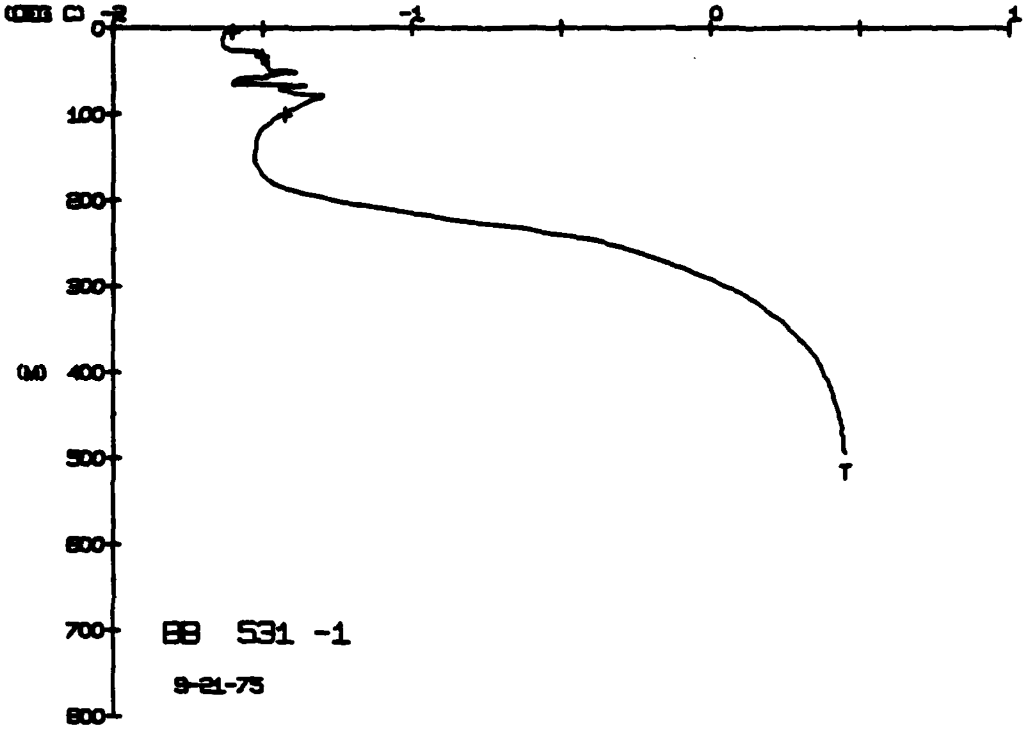
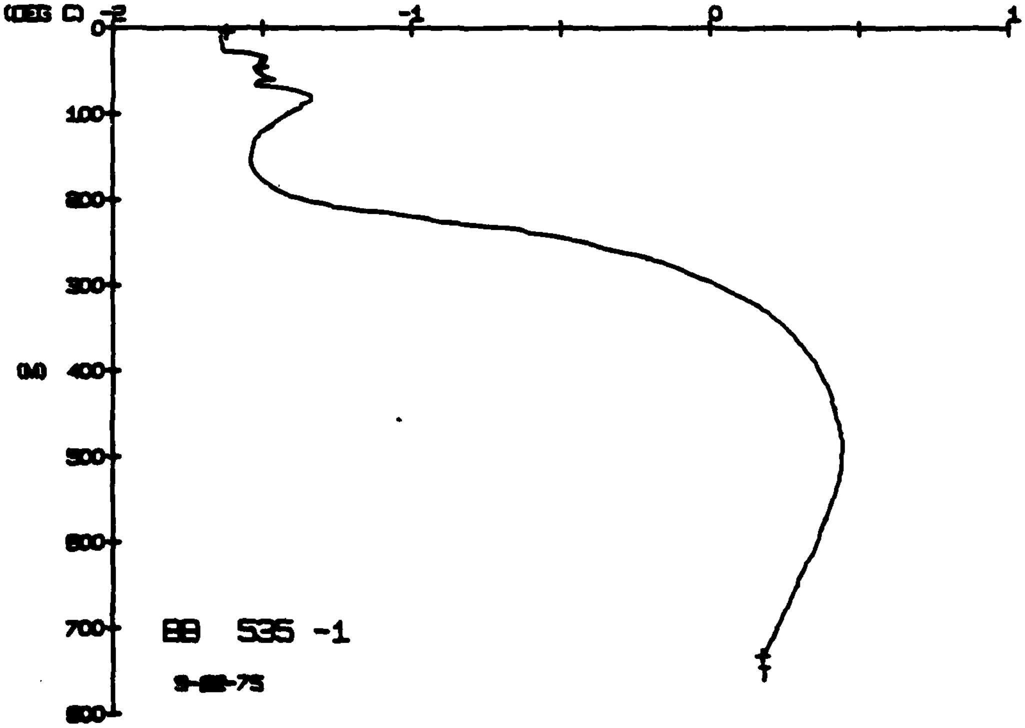


BB 531 -1

9-21-75



BB 535 -1

9-[illegible]-75

```
BIG BEAR STATION 537(1) CTD  22/SEP/1975 1806 GMT  CODE= 22
LAT = 73.8056N LNG = 136.7965W LTER =     1, LGER =     2,
AIR TEMP =  -5.5 BAROM = 1009.9 WIND = 296.6 SPEED =  35.0

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

    0.0  -1.63
    5.0  -1.63
    7.0  -1.63
   10.0  -1.63
   15.0  -1.63
   20.0  -1.63
   25.0  -1.63
   30.0  -1.50
   35.0  -1.49
   40.0  -1.47
   45.0  -1.48
   50.0  -1.49
   55.0  -1.44
   60.0  -1.40
   65.0  -1.38
   70.0  -1.35
   80.0  -1.35
   90.0  -1.40
  100.0  -1.45
  110.0  -1.49
  120.0  -1.51
  130.0  -1.52
  140.0  -1.53
  150.0  -1.54
  160.0  -1.53
  170.0  -1.49
  180.0  -1.42
  190.0  -1.32
  200.0  -1.19
  210.0  -1.07
  220.0  -0.93
  230.0  -0.71
  240.0  -0.52
  250.0  -0.36
  260.0  -0.27
  270.0  -0.17
  280.0  -0.08
  290.0   0.00
  300.0   0.05
  310.0   0.10
  320.0   0.14
  330.0   0.18
  340.0   0.21
  350.0   0.24
  370.0   0.30
  390.0   0.34
  410.0   0.38
  430.0   0.41
  450.0   0.42
  470.0   0.44
  490.0   0.45
  510.0   0.44
  530.0   0.43
  550.0   0.42
  570.0   0.39
  590.0   0.37
  610.0   0.35
  630.0   0.33
  650.0   0.30
  670.0   0.27
  690.0   0.24
  710.0   0.21
  730.0   0.00

                          DEPTH       TEMP.       SALIN

        BOT NUM = 1         3.9       -1.60       29.73
        BOT NUM = 2        99.7       -1.45       32.54
        BOT NUM = 3       200.9       -1.19       33.80
        BOT NUM = 4       300.0                   34.72
        BOT NUM = 5       500.6                   34.87
        BOT NUM = 6       731.0        0.18       34.92
```

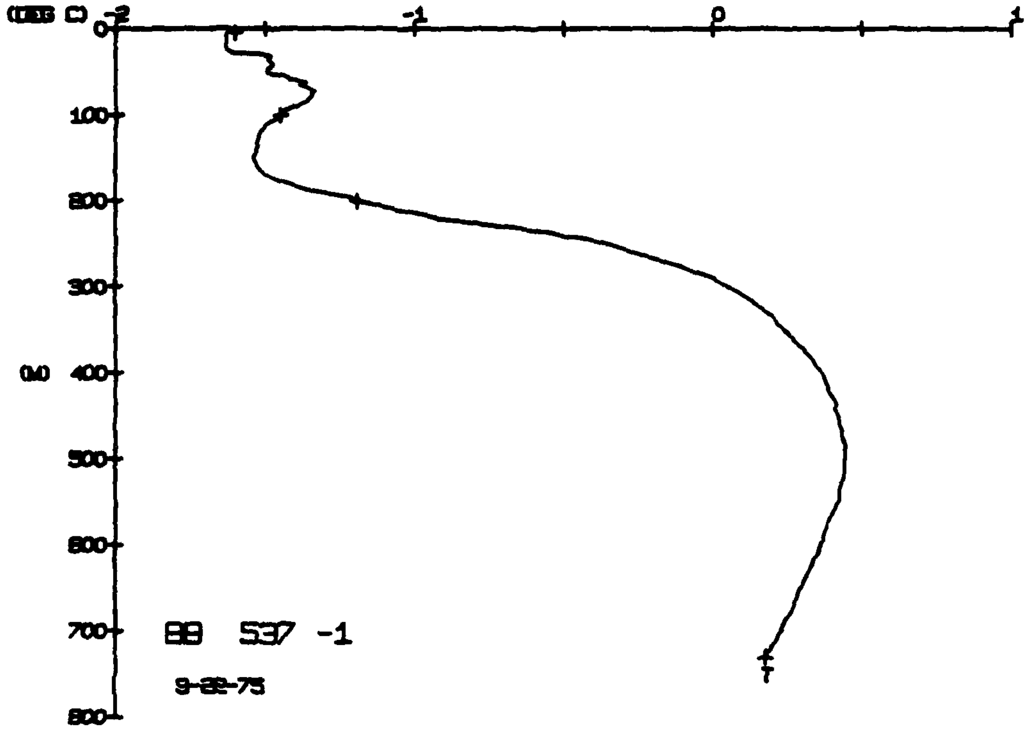
```
BIG BEAR STATION 539(1) CTD  23/SEP/1975  356 GMT  CODE= 22
LAT = 73.7945N LNG = 136.8755W LTER =    20, LGER =    42,
AIR TEMP = -13.1 BAROM = 1012.5 WIND =  39.9 SPEED =  71.8

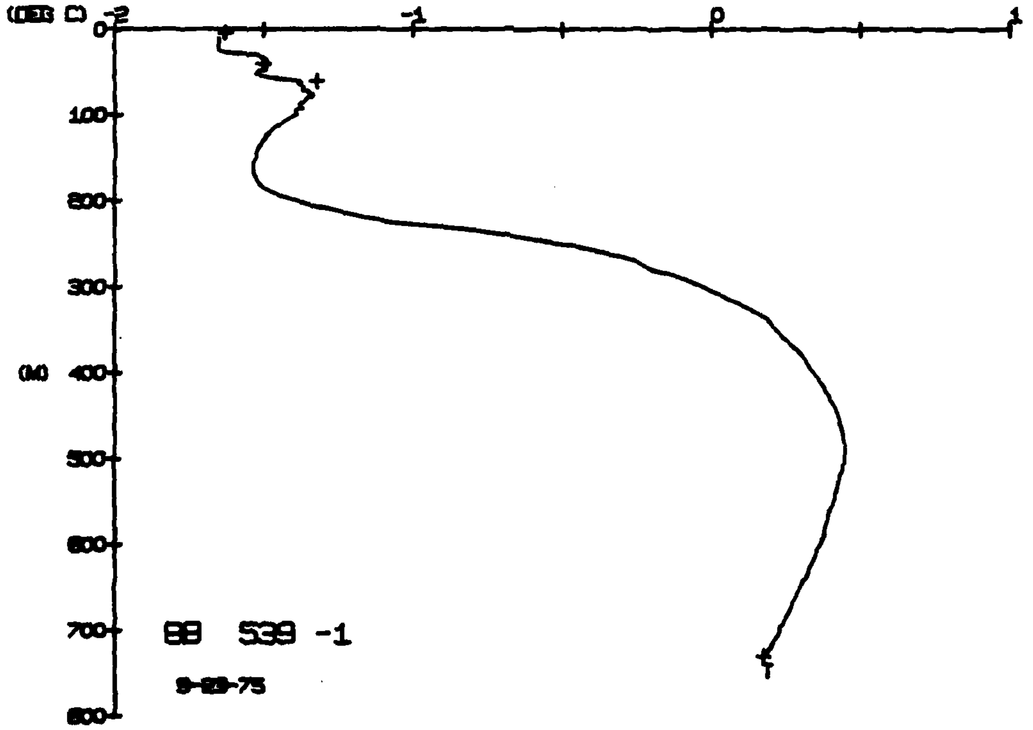
DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.65
   5.0  -1.65
  10.0  -1.65
  10.0  -1.65
  15.0  -1.65
  20.0  -1.65
  25.0  -1.64
  30.0  -1.52
  35.0  -1.49
  40.0  -1.49
  45.0  -1.49
  50.0  -1.52
  55.0  -1.49
  60.0  -1.40
  65.0  -1.37
  70.0  -1.37
  80.0  -1.36
  90.0  -1.38
 100.0  -1.40
 110.0  -1.44
 120.0  -1.48
 130.0  -1.50
 140.0  -1.52
 150.0  -1.53
 160.0  -1.53
 170.0  -1.53
 180.0  -1.51
 190.0  -1.47
 200.0  -1.39
 210.0  -1.28
 220.0  -1.14
 230.0  -0.90
 240.0  -0.68
 250.0  -0.49
 260.0  -0.36
 270.0  -0.26
 280.0  -0.19
 290.0  -0.10
 300.0  -0.03
 310.0   0.04
 320.0   0.10
 330.0   0.15
 340.0   0.19
 350.0   0.22
 370.0   0.28
 390.0   0.33
 410.0   0.37
 430.0   0.40
 450.0   0.43
 470.0   0.44
 490.0   0.45
 510.0   0.44
 530.0   0.43
 550.0   0.41
 570.0   0.39
 590.0   0.38
 610.0   0.35
 630.0   0.33
 650.0   0.30
 670.0   0.27
 690.0   0.25
 710.0   0.22
 724.7   0.19

                          DEPTH       TEMP.       SALIN

        BOT NUM = 1         3.9       -1.63       30.05
        BOT NUM = 2        39.6       -1.50
        BOT NUM = 3        70.6                   32.29
        BOT NUM = 4        90.3                   32.62
        BOT NUM = 5       109.8                   34.91
        BOT NUM = 6       729.7        0.18       34.92
```


(DEG C)
-2
-1
0
1
0
100
200
300
(M)
400
500
600
700
800
BB 537 -1
9-22-75


(DEG C)
-2
-1
0
1
0
100
200
300
(M)
400
500
600
700
800
BB 539 -1
9-23-75

```
BIG BEAR STATION 541(1) CTD  23/SEP/1975 1801 GMT  CODE= 22
LAT = 73.7662N LNG = 137.0031W LTER =      1, LGER =      2,
AIR TEMP = -13.1 BARON = 1022.8 WIND =  39.9 SPEED =  71.8

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DINHT  SOUND

    0.0  -1.69
    4.7  -1.68
    5.0  -1.68
   10.0  -1.68
   15.0  -1.69
   20.0  -1.67
   25.0  -1.67
   30.0  -1.56
   35.0  -1.53
   40.0  -1.49
   45.0  -1.51
   50.0  -1.43
   55.0  -1.49
   60.0  -1.43
   65.0  -1.38
   70.0  -1.42
   80.0  -1.39
   90.0  -1.42
  100.0  -1.46
  110.0  -1.50
  120.0  -1.52
  130.0  -1.53
  140.0  -1.54
  150.0  -1.54
  160.0  -1.53
  170.0  -1.48
  180.0  -1.42
  190.0  -1.35
  200.0  -1.22
  210.0  -1.08
  220.0  -0.89
  230.0  -0.68
  240.0  -0.52
  250.0  -0.40
  260.0  -0.29
  270.0  -0.20
  280.0  -0.11
  290.0  -0.04
  300.0   0.02
  310.0   0.07
  320.0   0.12
  330.0   0.17
  340.0   0.21
  350.0   0.24
  370.0   0.30
  390.0   0.34
  410.0   0.37
  430.0   0.40
  450.0   0.42
  470.0   0.44
  490.0   0.44
  510.0   0.44
  530.0   0.43
  550.0   0.42
  570.0   0.40
  590.0   0.37
  610.0   0.36
  630.0   0.32
  650.0   0.30
  670.0   0.28
  690.0   0.25
  710.0   0.22
  730.0   0.00

                        DEPTH      TEMP.      SALIN

        BUT NUM = 1      29.6                 30.32
        BUT NUM = 2     147.5
        BUT NUM = 3     250.2                 34.43
        BUT NUM = 4     349.5                 34.81
        BUT NUM = 5     499.2                 34.90
        BUT NUM = 6     720.6      0.18       34.92
```

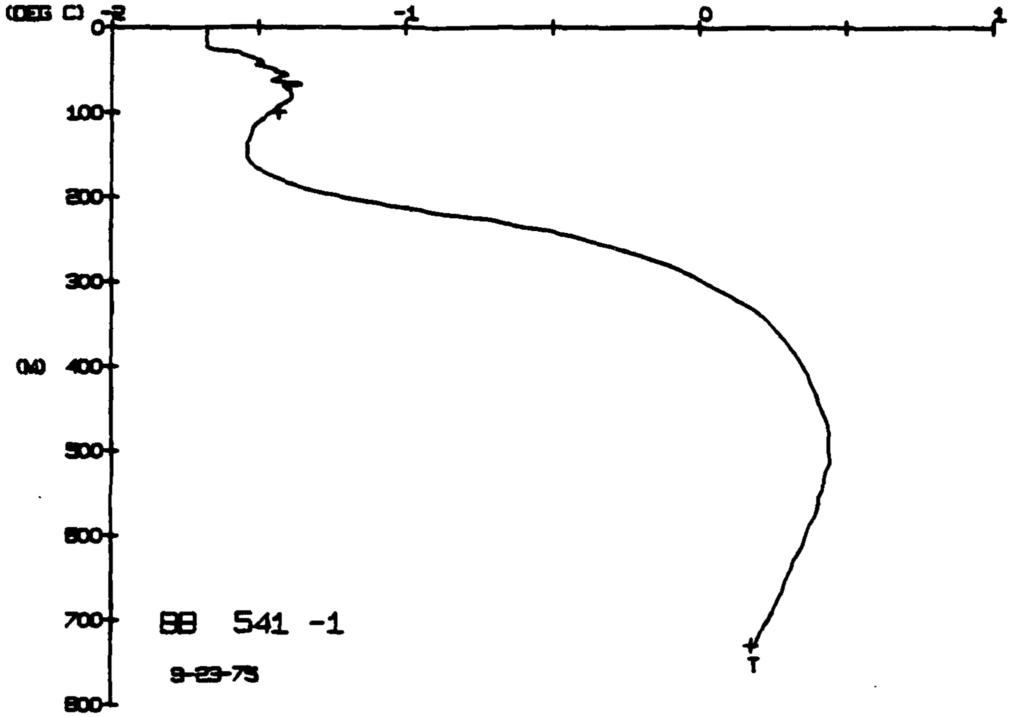
```
BIG BEAR STATION 543(1) CTD  24/SEP/1975  355 GMT  CODE= 72
LAT = 73.7411N LNG = 137.0117W LTER =      2, LGER =      4,
AIR TEMP = -15.5 BARON = 1027.2 WIND = 310.2 SPEED =  55.1

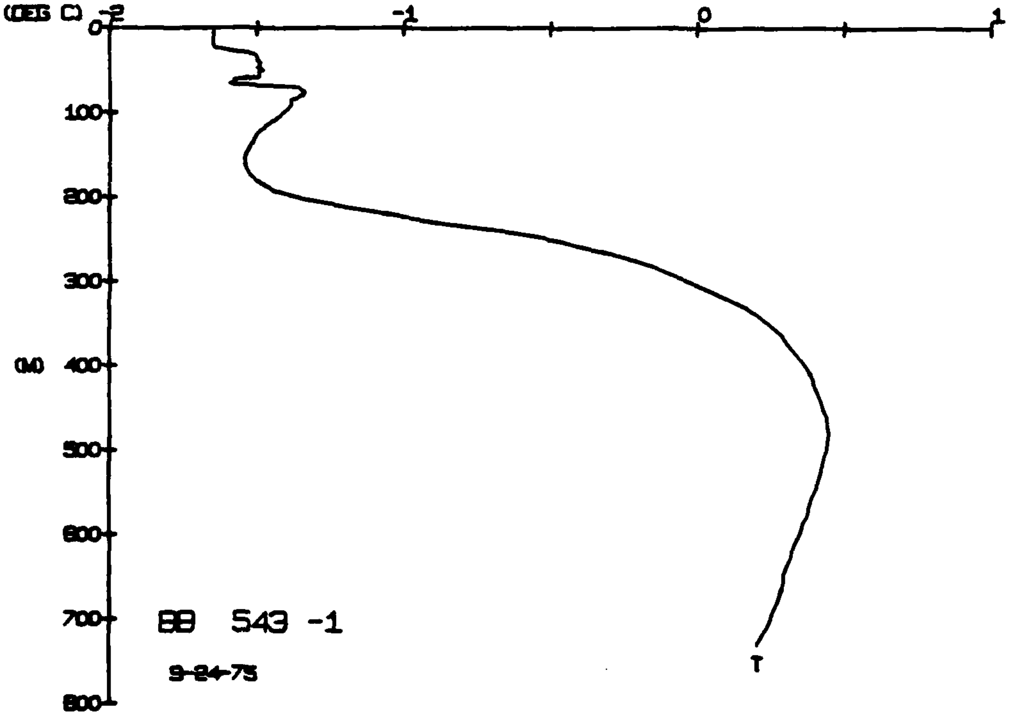
DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DINHT  SOUND

    0.0  -1.65
    4.7  -1.65
    5.0  -1.65
   10.0  -1.65
   15.0  -1.65
   20.0  -1.65
   25.0  -1.62
   30.0  -1.52
   35.0  -1.50
   40.0  -1.49
   45.0  -1.49
   50.0  -1.48
   55.0  -1.49
   60.0  -1.54
   65.0  -1.59
   70.0  -1.36
   80.0  -1.35
   90.0  -1.38
  100.0  -1.41
  110.0  -1.45
  120.0  -1.48
  130.0  -1.51
  140.0  -1.52
  150.0  -1.54
  160.0  -1.54
  170.0  -1.53
  180.0  -1.50
  190.0  -1.45
  200.0  -1.37
  210.0  -1.23
  220.0  -1.07
  230.0  -0.89
  240.0  -0.68
  250.0  -0.51
  260.0  -0.39
  270.0  -0.27
  280.0  -0.17
  290.0  -0.10
  300.0  -0.03
  310.0   0.04
  320.0   0.10
  330.0   0.16
  340.0   0.21
  350.0   0.24
  370.0   0.30
  390.0   0.35
  410.0   0.39
  430.0   0.41
  450.0   0.43
  470.0   0.44
  490.0   0.44
  510.0   0.43
  530.0   0.42
  550.0   0.40
  570.0   0.38
  590.0   0.36
  610.0   0.33
  630.0   0.32
  650.0   0.30
  670.0   0.28
  690.0   0.26
  710.0   0.24
  730.0   0.21
  730.3   0.21

                        DEPTH      TEMP.      SALIN

        BUT NUM = 1       3.9                 30.06
        BUT NUM = 2      70.4                 31.99
        BUT NUM = 3      89.4                 32.48
        BUT NUM = 4      99.1                 32.60
        BUT NUM = 5     109.1                 32.70
        BUT NUM = 6     729.6                 34.91
```


(DEG C)
-2
-1
0
1
0
100
200
300
(M) 400
500
600
700
800
T
BB 541 -1
9-23-75


(DEG C)
-2
-1
0
1
0
100
200
300
(M) 400
500
600
700
800
T
BB 543 -1
9-24-75

```
BIG BEAR STATION 545(1) CTD  24/SEP/1975 1835 GMT  CUDE= 22
LAT = 73.6905N LNG = 136.7964W LTER =        2, LGER =      4,
AIR TEMP = -15.5 BARON = 1022.8 WIND = 310.2 SPEED =  55.1

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

    0.0   -1.67
    5.0   -1.67
    6.2   -1.67
   10.0   -1.66
   15.0   -1.66
   20.0   -1.66
   25.0   -1.62
   30.0   -1.50
   35.0   -1.48
   40.0   -1.48
   45.0   -1.49
   50.0   -1.46
   55.0   -1.44
   60.0   -1.37
   65.0   -1.37
   70.0   -1.35
   80.0   -1.37
   90.0   -1.40
  100.0   -1.45
  110.0   -1.49
  120.0   -1.51
  130.0   -1.52
  140.0   -1.53
  150.0   -1.53
  160.0   -1.52
  170.0   -1.49
  180.0   -1.44
  190.0   -1.35
  200.0   -1.18
  210.0   -1.03
  220.0   -0.86
  230.0   -0.70
  240.0   -0.50
  250.0   -0.38
  260.0   -0.28
  270.0   -0.21
  280.0   -0.13
  290.0   -0.07
  300.0    0.00
  310.0    0.05
  320.0    0.11
  330.0    0.15
  340.0    0.18
  350.0    0.22
  370.0    0.28
  390.0    0.33
  410.0    0.38
  430.0    0.40
  450.0    0.43
  470.0    0.44
  490.0    0.45
  510.0    0.44
  530.0    0.43
  550.0    0.41
  570.0    0.40
  590.0    0.38
  610.0    0.36
  630.0    0.32
  650.0    0.30
  670.0    0.27
  690.0    0.25
  710.0    0.22
  730.0    0.20

                  DEPTH      TEMP.      SALIN

   BUT NUM = 1      3.9                 30.08
   BUT NUM = 2     76.5                 32.14
   BUT NUM = 3    217.5                 34.19
   BUT NUM = 4    326.8                 34.77
   BUT NUM = 5    501.9                 34.89
   BUT NUM = 6    732.7                 34.92
```

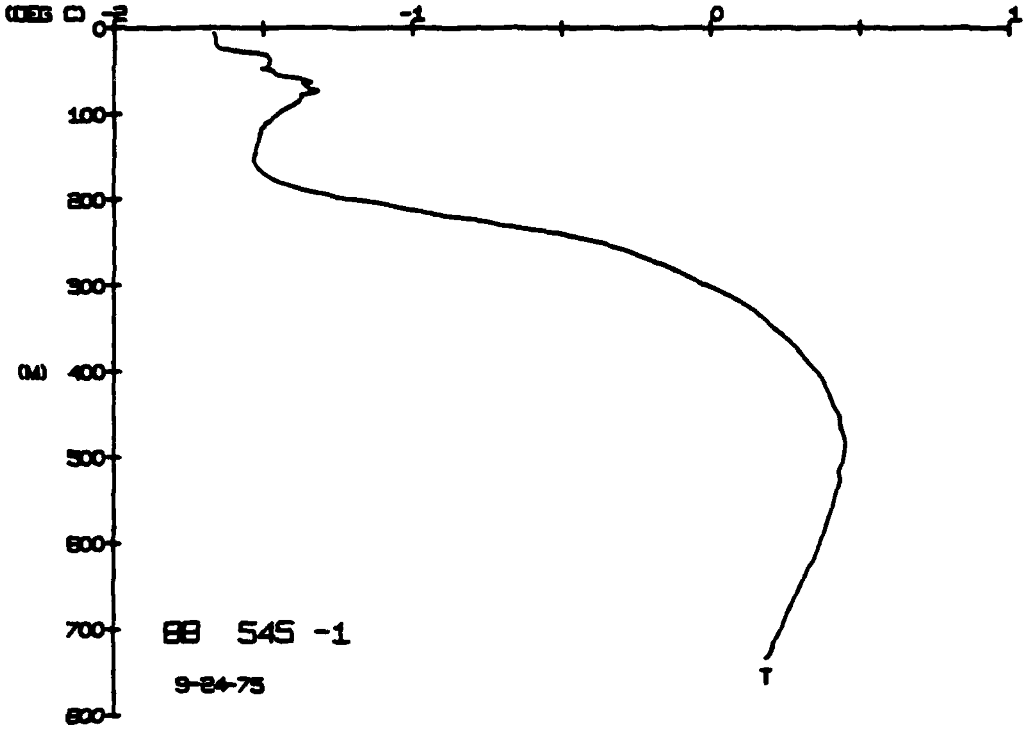
```
BIG BEAR STATIUN 547(1) CTD  25/SEP/1975  440 GMT  CUDE= 22
LAT = 73.6448N LNG = 136.6058W LTER =        2, LGEH =      4,
AIR TEMP =  -7.3 BARUM = 1019.1 WIND = 269.4 SPEED =  85.7

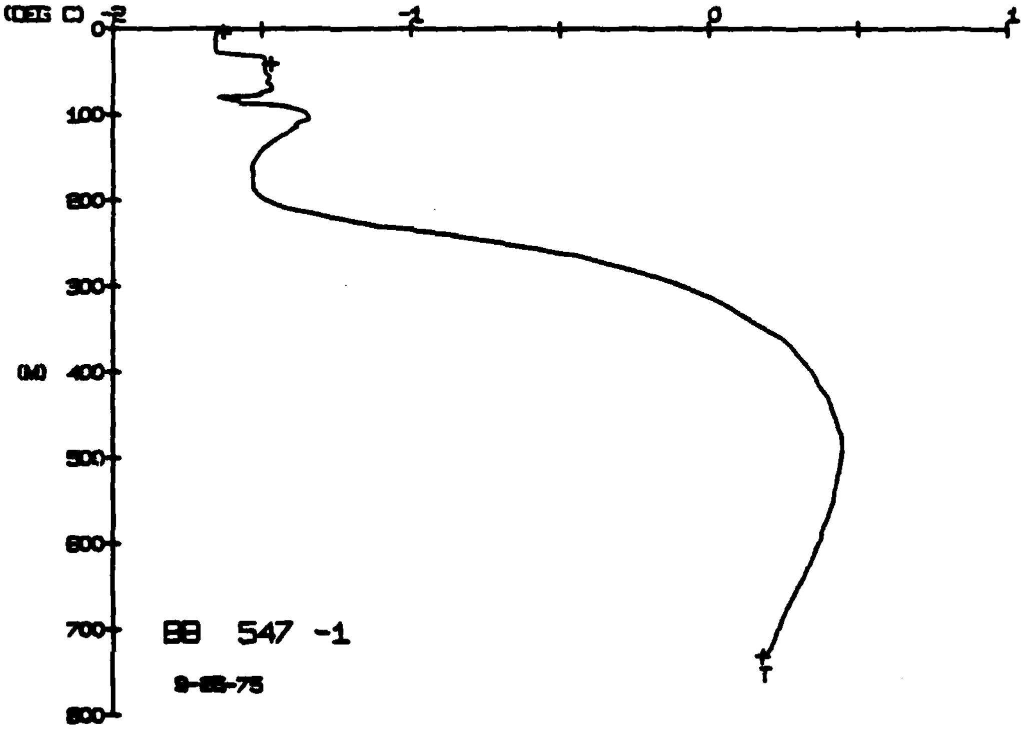
DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0   -1.65
   4.7   -1.65
   5.0   -1.66
  10.0   -1.65
  15.0   -1.65
  20.0   -1.65
  25.0   -1.65
  30.0   -1.55
  35.0   -1.49
  40.0   -1.50
  45.0   -1.49
  50.0   -1.49
  55.0   -1.48
  60.0   -1.48
  65.0   -1.47
  70.0   -1.47
  80.0   -1.64
  90.0   -1.43
 100.0   -1.35
 110.0   -1.38
 120.0   -1.41
 130.0   -1.46
 140.0   -1.50
 150.0   -1.52
 160.0   -1.53
 170.0   -1.53
 180.0   -1.53
 190.0   -1.52
 200.0   -1.48
 210.0   -1.41
 220.0   -1.26
 230.0   -1.11
 240.0   -0.87
 250.0   -0.69
 260.0   -0.52
 270.0   -0.38
 280.0   -0.27
 290.0   -0.17
 300.0   -0.09
 310.0   -0.01
 320.0    0.05
 330.0    0.09
 340.0    0.14
 350.0    0.19
 370.0    0.28
 390.0    0.32
 410.0    0.36
 430.0    0.40
 450.0    0.42
 470.0    0.44
 490.0    0.45
 510.0    0.44
 530.0    0.43
 550.0    0.42
 570.0    0.40
 590.0    0.38
 610.0    0.36
 630.0    0.33
 650.0    0.30
 670.0    0.27
 690.0    0.24
 710.0    0.22
 729.7    0.19

                  DEPTH      TEMP.      SALIN

   BOT NUM = 1      3.9      -1.63      30.13
   BUT NUM = 2     29.9                 30.67
   BUT NUM = 3     40.4      -1.47      31.13
   BUT NUM = 4     50.8                 31.55
   BOT NUM = 5     59.6                 31.89
   BUT NUM = 6    730.4       0.18      34.92
```


(DEG C)
-2
-1
0
1
0
100
200
300
(M)
400
500
600
700
800
BB 545 -1
9-24-75
T


(DEG C)
-2
-1
0
1
0
100
200
300
(M)
400
500
600
700
800
BB 547 -1
9-25-75
T

```
BIG BEAR STATION 549(1) CTD  25/SEP/1975 1700 GMT  CODE= 22
LAT = 73.5966N LNG = 136.6005W LTER =       2. LGER =     3.
AIR TEMP =  -7.3 BARON = 1021.2 WIND = 269.4 SPEED =  85.7

 DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0   -1.64
   4.0   -1.64
   5.0   -1.64
  10.0   -1.64
  15.0   -1.64
  20.0   -1.64
  25.0   -1.62
  30.0   -1.57
  35.0   -1.49
  40.0   -1.48
  45.0   -1.45
  50.0   -1.43
  55.0   -1.41
  60.0   -1.37
  65.0   -1.34
  70.0   -1.32
  80.0   -1.37
  90.0   -1.41
 100.0   -1.45
 110.0   -1.46
 120.0   -1.48
 130.0   -1.50
 140.0   -1.52
 150.0   -1.53
 160.0   -1.53
 170.0   -1.51
 180.0   -1.48
 190.0   -1.44
 200.0   -1.36
 210.0   -1.24
 220.0   -1.16
 230.0   -1.00
 240.0   -0.70
 250.0   -0.48
 260.0   -0.34
 270.0   -0.27
 280.0   -0.19
 290.0   -0.11
 300.0   -0.04
 310.0    0.04
 320.0    0.09
 330.0    0.16
 340.0    0.20
 350.0    0.24
 370.0    0.32
 390.0    0.37
 410.0    0.41
 430.0    0.41
 450.0    0.40
 470.0    0.40
 490.0    0.40
 510.0    0.40
 530.0    0.42
 550.0    0.41
 570.0    0.41
 590.0    0.38
 610.0    0.35
 630.0    0.31
 650.0    0.29
 670.0    0.26
 690.0    0.23
 710.0    0.22
 730.0    0.20

                          DEPTH       TEMP.       SALIN

      BOT NUM = 1           4.1       -1.64       30.15
      BOT NUM = 2          72.0                   32.25
      BOT NUM = 3         124.9       -1.50       32.68
      BOT NUM = 4         174.1                   33.33
      BOT NUM = 5         251.1                   34.51
      BOT NUM = 6         731.0        0.19       34.93
```

```
BIG BEAR STATION 551(1) STD  28/SEP/1975  300 GMT  CODE = 2
LAT = 73.5057N LNG = 136.4917W LTER =    588. LGER =    653.
AIR TEMP = -15.1 BARON = 1031.3 WIND = 278.9 SPEED =  14.0

DEPTH    TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

  0.0   -1.67  -1.67  30.26  24.36  357.7  0.000  1434.8
  3.9   -1.67  -1.67  30.26  24.36  357.6  0.014  1434.9
  5.0   -1.67  -1.67  30.26  24.36  357.6  0.018  1434.9
 10.0   -1.66  -1.66  30.27  24.36  357.4  0.036  1435.0
 15.0   -1.66  -1.66  30.27  24.36  357.0  0.054  1435.1
 20.0   -1.66  -1.66  30.29  24.38  355.7  0.072  1435.2
 25.0   -1.66  -1.66  30.31  24.40  353.8  0.090  1435.3
 30.0   -1.55  -1.55  30.86  24.84  311.7  0.107  1436.7
 35.0   -1.49  -1.49  31.25  25.16  281.5  0.121  1437.6
 40.0   -1.50  -1.50  31.41  25.28  269.4  0.135  1437.9
 45.0   -1.55  -1.55  31.56  25.41  257.6  0.149  1437.9
 50.0   -1.57  -1.57  31.68  25.50  248.5  0.161  1438.1
 55.0   -1.59  -1.59  31.78  25.58  240.5  0.174  1438.2
 60.0   -1.61  -1.62  31.87  25.66  233.2  0.186  1438.3
 65.0   -1.61  -1.61  31.97  25.74  225.9  0.197  1438.5
 70.0   -1.67  -1.68  32.02  25.78  221.8  0.208  1438.4
 80.0   -1.42  -1.42  32.34  26.04  197.3  0.230  1440.2
 90.0   -1.42  -1.43  32.50  26.17  185.0  0.249  1440.6
100.0   -1.44  -1.44  32.61  26.25  176.9  0.267  1440.8
110.0   -1.48  -1.49  32.72  26.35  167.8  0.285  1440.9
120.0   -1.51  -1.52  32.82  26.43  159.9  0.301  1441.1
130.0   -1.52  -1.53  32.93  26.51  152.0  0.317  1441.4
140.0   -1.53  -1.53  33.03  26.59  144.3  0.332  1441.6
150.0   -1.53  -1.53  33.13  26.67  136.6  0.346  1442.0
160.0   -1.51  -1.52  33.23  26.76  128.7  0.359  1442.3
170.0   -1.48  -1.49  33.35  26.85  119.6  0.372  1442.8
180.0   -1.41  -1.42  33.51  26.98  107.2  0.383  1443.5
190.0   -1.30  -1.31  33.70  27.13   93.1  0.393  1444.5
200.0   -1.12  -1.12  33.89  27.28   79.0  0.402  1445.8
210.0   -0.92  -0.93  34.07  27.42   66.5  0.409  1447.1
220.0   -0.71  -0.72  34.24  27.55   54.0  0.415  1448.5
230.0   -0.54  -0.54  34.36  27.64   45.5  0.420  1449.6
240.0   -0.39  -0.40  34.46  27.71   38.6  0.425  1450.6
250.0   -0.27  -0.28  34.53  27.76   34.1  0.428  1451.4
260.0   -0.18  -0.19  34.59  27.80   30.4  0.432  1452.1
270.0   -0.10  -0.11  34.63  27.84   27.3  0.435  1452.7
280.0   -0.03  -0.04  34.67  27.86   24.6  0.437  1453.2
290.0    0.04   0.03  34.70  27.89   22.7  0.440  1453.8
300.0    0.11   0.10  34.73  27.90   21.0  0.442  1454.3
310.0    0.14   0.13  34.75  27.92   19.7  0.444  1454.6
320.0    0.18   0.17  34.77  27.93   18.8  0.446  1455.0
330.0    0.22   0.21  34.78  27.94   18.0  0.448  1455.4
340.0    0.25   0.24  34.79  27.95   17.2  0.449  1455.7
350.0    0.28   0.27  34.80  27.95   16.6  0.451  1456.0
370.0    0.32   0.31  34.82  27.96   15.6  0.454  1456.5
390.0    0.35   0.34  34.83  27.97   15.1  0.457  1457.0
410.0    0.39   0.37  34.84  27.98   14.5  0.460  1457.5
430.0    0.41   0.39  34.85  27.98   13.9  0.463  1458.0
450.0    0.43   0.41  34.86  27.99   13.6  0.466  1458.4
470.0    0.43   0.41  34.86  27.99   13.2  0.469  1458.8
490.0    0.44   0.42  34.87  27.99   13.0  0.471  1459.1
510.0    0.43   0.40  34.87  28.00   12.8  0.474  1459.4
530.0    0.41   0.39  34.87  28.00   12.6  0.477  1459.7
550.0    0.39   0.37  34.87  28.00   12.2  0.479  1459.9
570.0    0.37   0.35  34.88  28.01   11.9  0.482  1460.2
590.0    0.36   0.33  34.88  28.01   11.6  0.484  1460.4
610.0    0.34   0.31  34.88  28.01   11.3  0.486  1460.7
630.0    0.31   0.28  34.88  28.02   10.9  0.488  1460.9
650.0    0.29   0.26  34.89  28.02   10.6  0.491  1461.1
670.0    0.26   0.23  34.89  28.02   10.2  0.493  1461.3
690.0    0.23   0.20  34.89  28.03    9.8  0.495  1461.5
710.0    0.20   0.17  34.89  28.03    9.5  0.497  1461.7

                          DEPTH       TEMP.       SALIN

      BOT NUM = 1           3.9       -1.65       30.26
      BOT NUM = 2          35.0                   31.10
      BOT NUM = 3         250.7       -0.29       34.50
      BOT NUM = 4         501.0        0.43       34.86
      BOT NUM = 5         720.6        0.17       34.90
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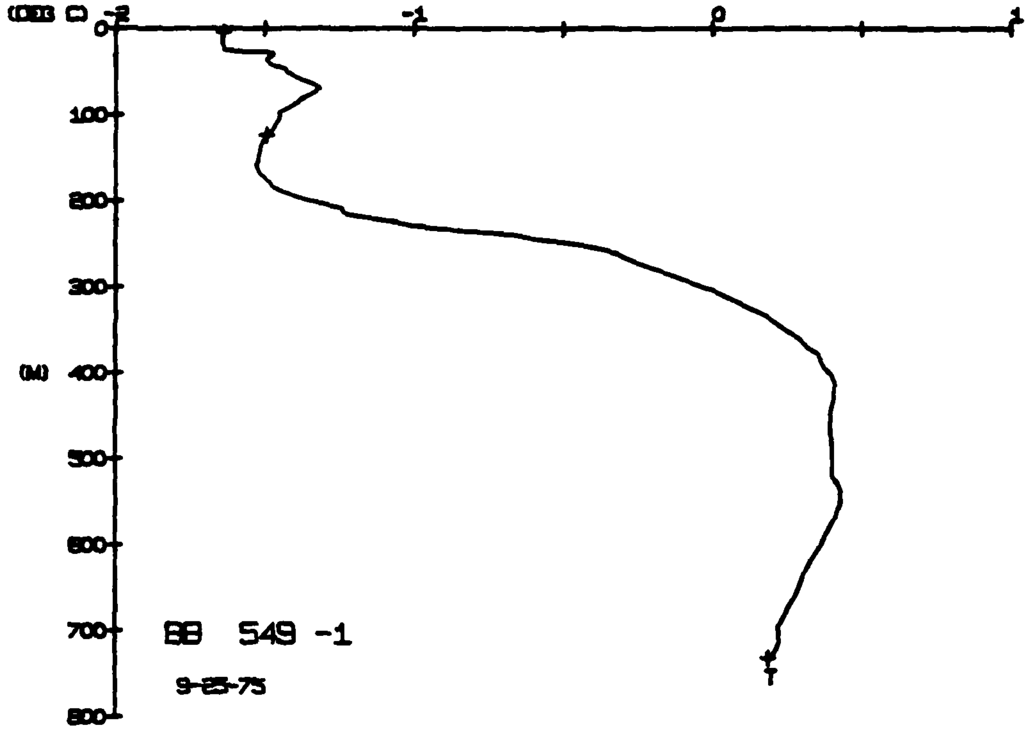
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600
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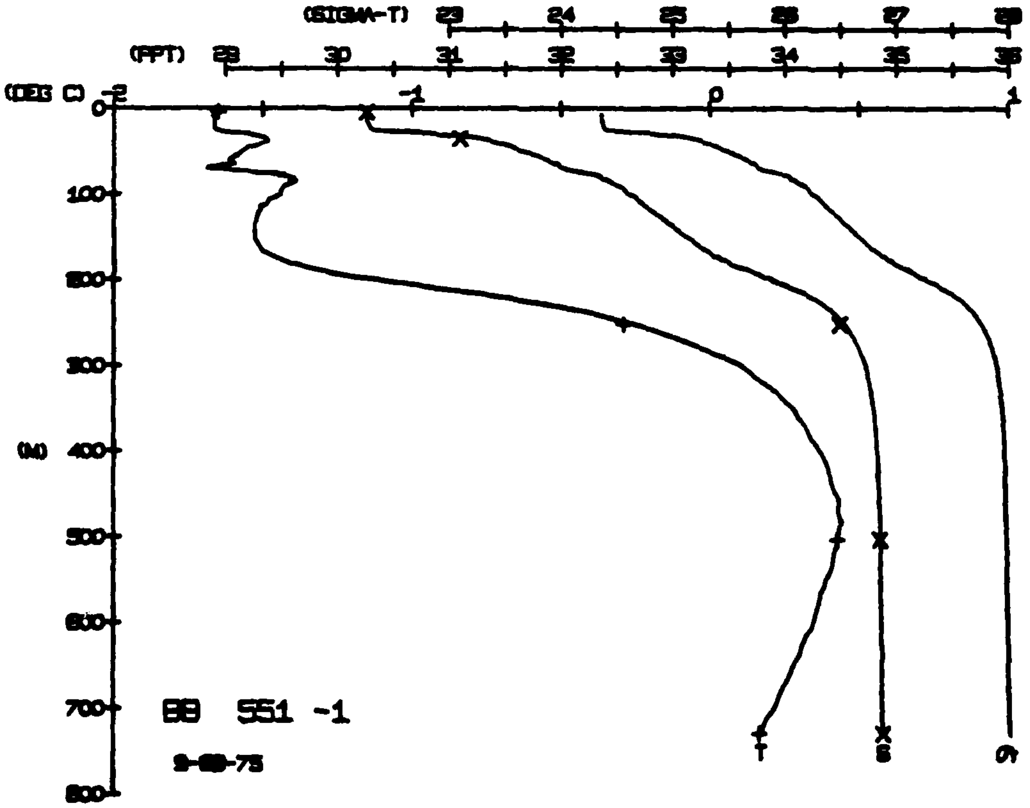
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(PPT)
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1
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100
200
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400
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BIG BEAR STATION 553(1) STD  28/SEP/1975 1805 GMT  CODE = 2
LAT = 73.4004N LNG = 136.4008W LTER =      1. LGER =      2.
AIR TEMP = -15.1 BAROM = 1030.6 WIND = 278.9 SPEED =  14.0

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

   0.0   -1.66   -1.66   30.27   24.37   356.9   0.000  1434.8
   4.7   -1.66   -1.66   30.27   24.37   356.8   0.017  1434.9
   5.0   -1.66   -1.66   30.27   24.37   356.8   0.018  1434.9
  10.0   -1.65   -1.65   30.28   24.37   356.6   0.036  1435.0
  15.0   -1.65   -1.65   30.28   24.37   356.3   0.054  1435.1
  20.0   -1.65   -1.65   30.29   24.38   355.1   0.072  1435.2
  25.0   -1.65   -1.65   30.31   24.40   353.7   0.090  1435.4
  30.0   -1.61   -1.61   30.57   24.60   334.8   0.107  1436.0
  35.0   -1.49   -1.49   31.29   25.19   278.8   0.122  1437.6
  40.0   -1.51   -1.51   31.48   25.34   264.9   0.136  1437.9
  45.0   -1.55   -1.55   31.59   25.43   254.0   0.149  1438.0
  50.0   -1.54   -1.54   31.71   25.53   246.9   0.162  1438.3
  55.0   -1.60   -1.69   31.80   25.61   238.0   0.174  1438.2
  60.0   -1.57   -1.57   31.88   25.67   232.7   0.186  1438.5
  65.0   -1.54   -1.54   32.01   25.77   222.0   0.197  1438.9
  70.0   -1.42   -1.42   32.13   25.86   214.1   0.208  1439.7
  80.0   -1.42   -1.43   32.34   26.03   197.9   0.228  1440.2
  90.0   -1.43   -1.43   32.52   26.18   183.4   0.248  1440.6
 100.0   -1.46   -1.46   32.62   26.27   175.5   0.266  1440.7
 110.0   -1.50   -1.50   32.72   26.35   167.9   0.284  1440.9
 120.0   -1.51   -1.51   32.82   26.42   160.4   0.300  1441.1
 130.0   -1.52   -1.52   32.92   26.51   152.4   0.316  1441.4
 140.0   -1.51   -1.52   33.02   26.59   144.9   0.331  1441.7
 150.0   -1.51   -1.51   33.12   26.67   137.3   0.345  1442.0
 160.0   -1.50   -1.50   33.22   26.75   129.6   0.359  1442.4
 170.0   -1.47   -1.47   33.35   26.85   119.4   0.371  1442.9
 180.0   -1.42   -1.42   33.48   26.96   109.5   0.383  1443.5
 190.0   -1.32   -1.32   33.69   27.11    94.9   0.393  1444.4
 200.0   -1.14   -1.15   33.87   27.27    80.5   0.402  1445.6
 210.0   -0.91   -0.91   34.05   27.40    67.6   0.409  1447.2
 220.0   -0.74   -0.75   34.20   27.52    57.9   0.416  1448.3
 230.0   -0.56   -0.56   34.34   27.62    47.1   0.421  1449.5
 240.0   -0.42   -0.42   34.45   27.70    39.6   0.425  1450.5
 250.0   -0.30   -0.31   34.53   27.76    33.9   0.429  1451.3
 260.0   -0.21   -0.22   34.58   27.79    31.1   0.432  1452.0
 270.0   -0.12   -0.13   34.63   27.83    27.7   0.435  1452.6
 280.0   -0.04   -0.05   34.68   27.86    25.2   0.438  1453.2
 290.0    0.03    0.02   34.70   27.88    23.0   0.440  1453.7
 300.0    0.09    0.09   34.72   27.89    21.4   0.443  1454.2
 310.0    0.14    0.13   34.75   27.91    20.1   0.445  1454.6
 320.0    0.18    0.17   34.77   27.93    18.8   0.447  1455.0
 330.0    0.22    0.21   34.79   27.94    17.6   0.449  1455.4
 340.0    0.25    0.24   34.80   27.95    16.9   0.450  1455.7
 350.0    0.27    0.26   34.81   27.96    16.3   0.452  1456.0
 370.0    0.33    0.31   34.82   27.97    15.3   0.455  1456.6
 390.0    0.37    0.35   34.84   27.98    14.6   0.458  1457.1
 410.0    0.39    0.38   34.85   27.98    13.9   0.461  1457.6
 430.0    0.41    0.39   34.86   27.99    13.5   0.464  1458.0
 450.0    0.43    0.41   34.86   27.99    13.1   0.467  1458.4
 470.0    0.44    0.42   34.87   27.99    12.9   0.469  1458.8
 490.0    0.44    0.42   34.87   28.00    12.4   0.472  1459.2
 510.0    0.44    0.42   34.88   28.00    12.3   0.474  1459.5
 530.0    0.42    0.39   34.88   28.00    12.0   0.477  1459.7
 550.0    0.40    0.38   34.88   28.01    11.7   0.479  1460.0
 570.0    0.38    0.36   34.88   28.01    11.6   0.481  1460.2
 590.0    0.36    0.34   34.88   28.01    11.3   0.484  1460.5
 610.0    0.35    0.32   34.88   28.01    11.1   0.486  1460.7
 630.0    0.32    0.29   34.89   28.02    10.7   0.488  1460.9
 650.0    0.30    0.27   34.89   28.02    10.4   0.490  1461.2
 670.0    0.27    0.24   34.89   28.02    10.0   0.492  1461.4
 690.0    0.24    0.21   34.89   28.03     9.7   0.494  1461.6
 710.0    0.22    0.19   34.90   28.03     9.2   0.496  1461.8
 730.0    0.18    0.15   34.90   28.04     8.9   0.498  1462.0
 731.9    0.18    0.15   34.90   28.04     8.8   0.498  1462.0

                     DEPTH       TEMP.       SALIN

   BOT NUM = 1         3.9                   30.26
   BOT NUM = 2        30.1                   30.34
   BOT NUM = 3       251.6                   34.50
   BOT NUM = 4       500.3        0.42       34.87
   BOT NUM = 5       732.7        0.18       34.90
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```
BIG BEAR STATION 555(1) STD  29/SEP/1975  355 GMT  CODE = 2
LAT = 73.4750N LNG = 136.4080W LTER =      2. LGER =      4.
AIR TEMP = -19.4 BARUM = 1029.9 WIND = 314.6 SPEED =  19.3

DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVUL   DYNHT   SOUND

  0.0   -1.66   -1.66   30.29   24.38   355.8   0.000  1434.8
  3.9   -1.66   -1.66   30.29   24.38   355.7   0.014  1434.9
  5.0   -1.66   -1.66   30.29   24.38   355.7   0.018  1434.9
 10.0   -1.66   -1.66   30.30   24.39   355.1   0.036  1435.1
 15.0   -1.65   -1.65   30.30   24.39   354.7   0.054  1435.1
 20.0   -1.65   -1.65   30.31   24.40   353.6   0.071  1435.2
 25.0   -1.65   -1.65   30.33   24.41   352.5   0.089  1435.4
 30.0   -1.60   -1.60   30.54   24.59   335.8   0.107  1436.0
 35.0   -1.50   -1.50   31.31   25.20   277.1   0.122  1437.6
 40.0   -1.52   -1.52   31.54   25.39   259.3   0.136  1437.9
 45.0   -1.56   -1.56   31.61   25.45   253.5   0.148  1437.9
 50.0   -1.58   -1.56   31.69   25.51   247.7   0.161  1438.1
 55.0   -1.59   -1.58   31.81   25.61   238.2   0.173  1438.3
 60.0   -1.57   -1.57   31.88   25.67   232.5   0.185  1438.5
 65.0   -1.52   -1.52   32.02   25.78   222.3   0.197  1439.0
 70.0   -1.44   -1.44   32.16   25.89   211.5   0.208  1439.7
 80.0   -1.40   -1.40   32.39   26.08   193.8   0.228  1440.4
 90.0   -1.43   -1.43   32.55   26.20   181.6   0.247  1440.6
100.0   -1.47   -1.47   32.65   26.29   173.3   0.265  1440.7
110.0   -1.50   -1.51   32.74   26.36   166.4   0.282  1440.9
120.0   -1.52   -1.52   32.84   26.44   158.7   0.298  1441.1
130.0   -1.52   -1.52   32.94   26.52   151.2   0.314  1441.4
140.0   -1.52   -1.53   33.03   26.59   144.6   0.329  1441.7
150.0   -1.52   -1.52   33.13   26.67   136.5   0.343  1442.0
160.0   -1.51   -1.51   33.24   26.77   127.6   0.356  1442.4
170.0   -1.48   -1.48   33.37   26.87   117.9   0.369  1442.9
180.0   -1.42   -1.43   33.51   26.98   107.1   0.380  1443.5
190.0   -1.32   -1.32   33.69   27.12    94.1   0.390  1444.4
200.0   -1.17   -1.17   33.88   27.27    79.6   0.399  1445.5
210.0   -0.97   -0.98   34.05   27.41    67.4   0.406  1446.9
220.0   -0.76   -0.76   34.23   27.54    54.7   0.413  1448.3
230.0   -0.58   -0.57   34.37   27.65    45.0   0.418  1449.5
240.0   -0.42   -0.42   34.47   27.72    38.1   0.422  1450.5
250.0   -0.29   -0.30   34.54   27.77    33.4   0.425  1451.3
260.0   -0.19   -0.20   34.60   27.81    29.4   0.429  1452.1
270.0   -0.09   -0.10   34.65   27.85    25.9   0.431  1452.8
280.0   -0.03   -0.04   34.69   27.87    24.0   0.434  1453.2
290.0    0.04    0.03   34.71   27.89    21.9   0.436  1453.8
300.0    0.10    0.09   34.74   27.91    20.0   0.438  1454.3
310.0    0.14    0.13   34.76   27.93    18.7   0.440  1454.6
320.0    0.18    0.17   34.78   27.94    17.5   0.442  1455.0
330.0    0.22    0.20   34.80   27.95    16.6   0.444  1455.4
340.0    0.25    0.24   34.81   27.96    15.9   0.446  1455.7
350.0    0.28    0.27   34.82   27.97    15.3   0.447  1456.0
370.0    0.32    0.31   34.84   27.98    14.4   0.450  1456.6
390.0    0.36    0.34   34.85   27.98    13.8   0.453  1457.1
410.0    0.39    0.37   34.86   27.99    13.4   0.456  1457.6
430.0    0.41    0.39   34.86   27.99    13.0   0.458  1458.0
450.0    0.42    0.40   34.87   28.00    12.5   0.461  1458.4
470.0    0.44    0.42   34.88   28.00    12.3   0.463  1458.8
490.0    0.44    0.42   34.88   28.00    12.0   0.466  1459.1
510.0    0.43    0.41   34.88   28.01    11.6   0.468  1459.4
530.0    0.41    0.39   34.89   28.01    11.2   0.471  1459.7
550.0    0.40    0.38   34.89   28.02    11.0   0.473  1460.0
570.0    0.38    0.35   34.89   28.02    10.8   0.475  1460.2
590.0    0.36    0.33   34.89   28.02    10.5   0.477  1460.5
610.0    0.34    0.31   34.90   28.02    10.1   0.479  1460.7
630.0    0.32    0.29   34.90   28.03    10.0   0.481  1461.0
650.0    0.29    0.26   34.90   28.03     9.7   0.483  1461.2
670.0    0.27    0.24   34.90   28.03     9.3   0.485  1461.4
690.0    0.24    0.21   34.90   28.04     8.9   0.487  1461.6
710.0    0.21    0.18   34.91   28.04     8.5   0.489  1461.8
725.5    0.19    0.16   34.91   28.04     8.1   0.490  1462.0

                     DEPTH       TEMP.       SALIN

   BOT NUM = 1         3.9       -1.65       30.26
   BOT NUM = 2        24.4                   30.30
   BOT NUM = 3       250.0       -0.30       34.49
   BOT NUM = 4       502.0        0.41       34.87
   BOT NUM = 5       724.0        0.19       34.89
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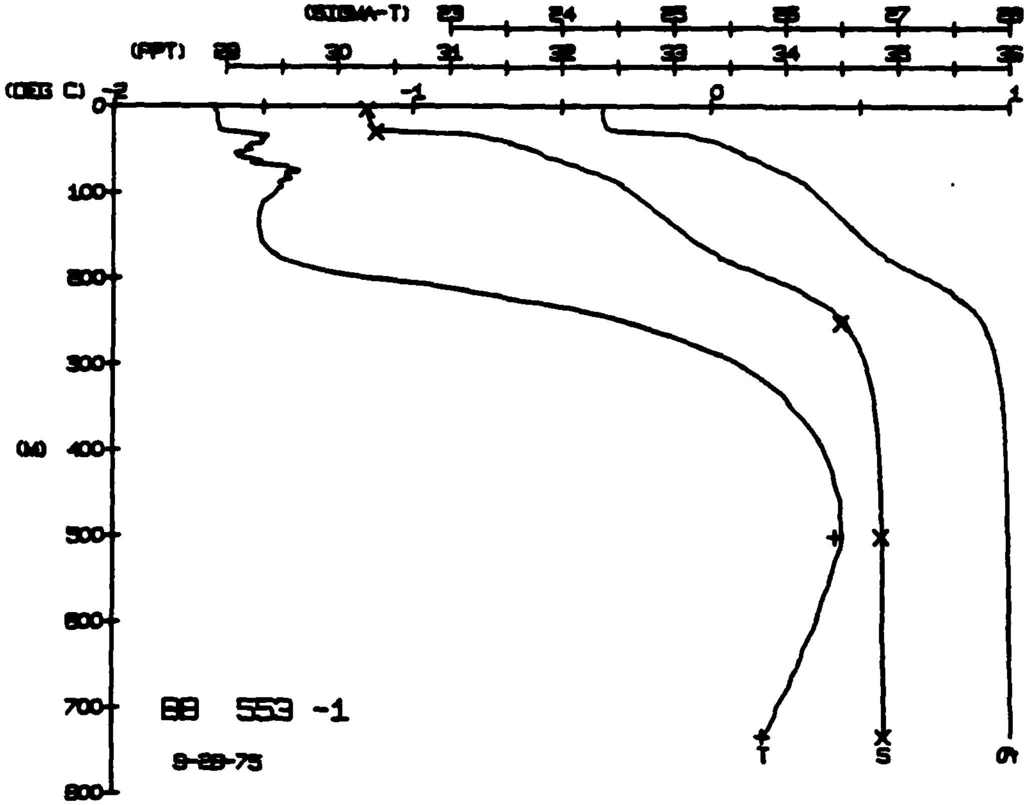
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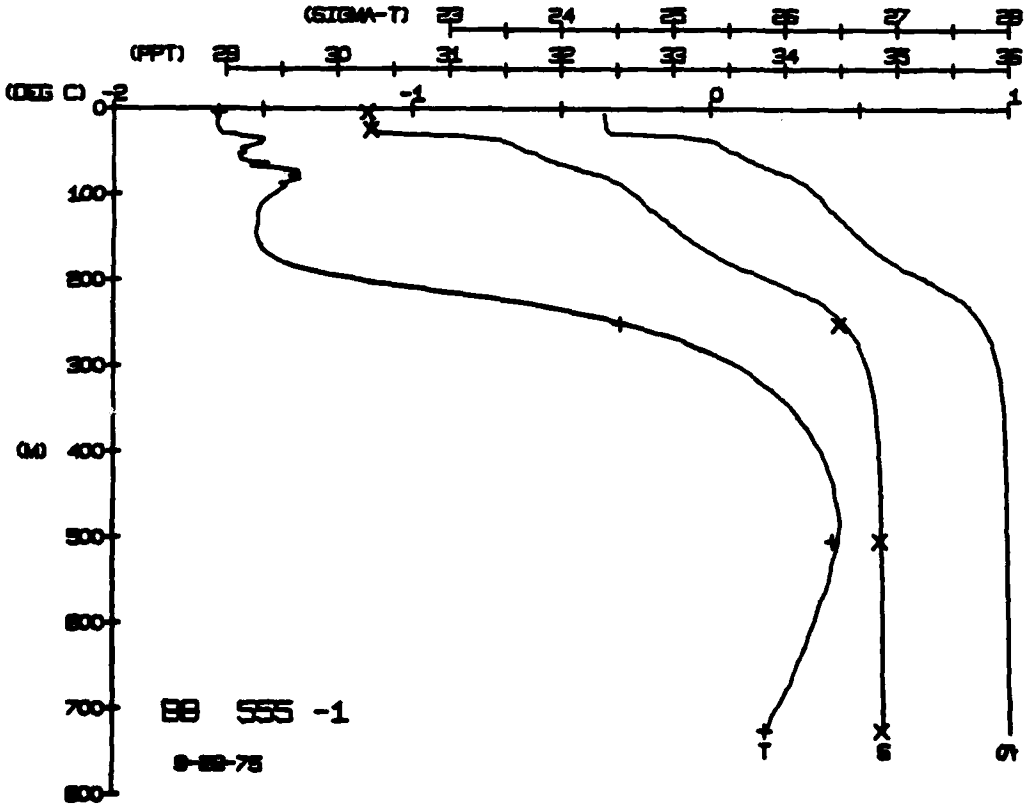
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BB 555 -1
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                    BIG BEAR STATION 557(1) STD  29/SEP/1975 1715 GMT  CODE = 2
                     LAT = 73.4740N LNG = 136.4090W LTER =    1. LGEK =    2.
                     AIR TEMP = -12.4 BAROM = 1029.1 WIND =  68.5 SPEED =  19.8

  DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND       DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

    0.0   -1.66   -1.66   30.26   24.36   357.7   0.000  1434.8       850.0    0.04    0.00   34.89   28.04     8.4   0.516  1463.3
    4.7   -1.66   -1.66   30.26   24.36   357.7   0.017  1434.9       900.0   -0.02   -0.06   34.89   28.04     7.8   0.520  1463.9
    5.0   -1.66   -1.66   30.26   24.36   357.7   0.018  1434.9       950.0   -0.06   -0.10   34.90   28.05     7.3   0.524  1464.6
   10.0   -1.66   -1.66   30.28   24.38   356.0   0.036  1435.0      1000.0   -0.10   -0.14   34.90   28.05     6.7   0.527  1465.2
   15.0   -1.67   -1.67   30.29   24.38   355.4   0.054  1435.1      1050.0   -0.14   -0.19   34.90   28.05     6.3   0.531  1465.9
   20.0   -1.68   -1.68   30.31   24.40   353.7   0.072  1435.1      1100.0   -0.17   -0.22   34.90   28.06     5.9   0.534  1466.6
   25.0   -1.68   -1.68   30.32   24.41   352.7   0.090  1435.2      1150.0   -0.20   -0.25   34.91   28.06     5.3   0.537  1467.3
   30.0   -1.68   -1.68   30.39   24.46   347.6   0.107  1435.4      1200.0   -0.23   -0.28   34.91   28.06     5.0   0.539  1468.0
   35.0   -1.69   -1.69   31.08   24.95   300.6   0.123  1436.3      1250.0   -0.26   -0.31   34.91   28.07     4.7   0.542  1468.7
   40.0   -1.67   -1.67   31.45   25.32   265.9   0.138  1437.1      1300.0   -0.28   -0.34   34.91   28.07     4.3   0.544  1469.5
   45.0   -1.69   -1.69   31.51   25.37   261.4   0.151  1437.6      1350.0   -0.30   -0.37   34.91   28.07     3.9   0.546  1470.2
   50.0   -1.57   -1.57   31.63   25.47   251.9   0.164  1438.0      1400.0   -0.32   -0.38   34.92   28.08     3.5   0.548  1471.0
   55.0   -1.50   -1.50   31.72   25.54   244.8   0.176  1438.2      1450.0   -0.34   -0.41   34.92   28.08     3.1   0.549  1471.7
   60.0   -1.50   -1.51   31.82   25.62   237.5   0.188  1438.7      1500.0   -0.35   -0.42   34.92   28.08     2.5   0.551  1472.5
   65.0   -1.45   -1.45   31.93   25.70   229.5   0.200  1439.2      1550.0   -0.37   -0.44   34.93   28.08     2.3   0.552  1473.3
   70.0   -1.43   -1.44   32.07   25.82   218.4   0.212  1439.6      1600.0   -0.38   -0.46   34.93   28.09     2.0   0.553  1474.1
   80.0   -1.41   -1.42   32.32   26.02   198.9   0.233  1440.2      1650.0   -0.39   -0.47   34.93   28.09     1.8   0.554  1474.9
   90.0   -1.43   -1.43   32.49   26.16   185.9   0.252  1440.5      1700.0   -0.40   -0.48   34.93   28.09     1.4   0.555  1475.7
  100.0   -1.47   -1.47   32.61   26.26   176.4   0.270  1440.7      1750.0   -0.40   -0.49   34.93   28.09     1.3   0.556  1476.5
  110.0   -1.50   -1.50   32.70   26.33   169.2   0.288  1440.9      1800.0   -0.41   -0.50   34.93   28.09     1.0   0.556  1477.3
  120.0   -1.51   -1.51   32.80   26.41   161.8   0.304  1441.1      1850.0   -0.41   -0.50   34.94   28.10     0.8   0.557  1478.2
  130.0   -1.51   -1.52   32.89   26.49   155.0   0.320  1441.3      1900.0   -0.41   -0.51   34.94   28.10     0.6   0.557  1479.0
  140.0   -1.52   -1.52   33.09   26.57   146.2   0.336  1441.6      1950.0   -0.41   -0.51   34.94   28.10     0.4   0.557  1479.9
  150.0   -1.52   -1.52   33.09   26.64   139.7   0.350  1441.9      2000.0   -0.41   -0.52   34.94   28.10     0.3   0.557  1480.7
  160.0   -1.51   -1.51   33.20   26.73   130.9   0.364  1442.3      2050.0   -0.42   -0.53   34.94   28.10     0.0   0.558  1481.6
  170.0   -1.47   -1.48   33.35   26.85   119.4   0.376  1442.9      2100.0   -0.41   -0.52   34.95   28.10    -0.2   0.557  1482.4
  180.0   -1.40   -1.41   33.52   26.99   106.5   0.388  1443.6      2150.0   -0.41   -0.53   34.94   28.10    -0.2   0.557  1483.3
  190.0   -1.31   -1.32   33.66   27.10    96.1   0.398  1444.4      2200.0   -0.41   -0.53   34.95   28.10    -0.5   0.557  1484.1
  200.0   -1.17   -1.17   33.90   27.29    78.6   0.407  1445.6      2250.0   -0.41   -0.53   34.95   28.10    -0.4   0.557  1485.0
  210.0   -0.94   -0.95   34.06   27.41    66.8   0.414  1447.0      2300.0   -0.41   -0.53   34.95   28.10    -0.5   0.557  1485.9
  220.0   -0.75   -0.75   34.22   27.53    55.7   0.420  1448.3      2350.0   -0.40   -0.53   34.95   28.11    -0.6   0.556  1486.7
  230.0   -0.55   -0.56   34.37   27.64    45.2   0.425  1449.6      2400.0   -0.40   -0.53   34.95   28.11    -0.8   0.556  1487.6
  240.0   -0.40   -0.41   34.45   27.71    39.4   0.430  1450.5      2450.0   -0.40   -0.53   34.95   28.11    -0.9   0.556  1488.5
  250.0   -0.29   -0.30   34.52   27.75    35.0   0.433  1451.3      2500.0   -0.39   -0.53   34.95   28.11    -1.0   0.555  1489.4
  260.0   -0.17   -0.19   34.57   27.79    31.4   0.437  1452.1      2550.0   -0.39   -0.53   34.95   28.11    -1.0   0.555  1490.3
  270.0   -0.11   -0.12   34.62   27.83    28.3   0.440  1452.6      2600.0   -0.38   -0.53   34.96   28.11    -1.1   0.554  1491.1
  280.0   -0.02   -0.04   34.66   27.85    25.7   0.443  1453.2      2650.0   -0.37   -0.52   34.96   28.11    -1.2   0.554  1492.0
  290.0    0.05    0.03   34.69   27.88    23.4   0.445  1453.9      2700.0   -0.37   -0.52   34.96   28.11    -1.3   0.553  1492.9
  300.0    0.10    0.09   34.72   27.90    21.7   0.447  1454.2      2750.0   -0.36   -0.52   34.96   28.11    -1.3   0.552  1493.8
  310.0    0.16    0.15   34.74   27.91    20.4   0.449  1454.7      2800.0   -0.36   -0.53   34.96   28.11    -1.5   0.552  1494.7
  320.0    0.20    0.19   34.76   27.92    19.3   0.451  1455.1      2850.0   -0.36   -0.53   34.96   28.11    -1.5   0.551  1495.5
  330.0    0.24    0.22   34.78   27.93    18.3   0.453  1455.4      2900.0   -0.35   -0.53   34.96   28.11    -1.6   0.550  1496.4
  340.0    0.27    0.25   34.79   27.94    17.7   0.455  1455.7      2945.9   -0.35   -0.52   34.96   28.12    -1.7   0.549  1497.2
  350.0    0.29    0.28   34.80   27.95    17.0   0.457  1456.1
  370.0    0.34    0.32   34.82   27.96    16.0   0.460  1456.6
  390.0    0.37    0.35   34.83   27.97    15.4   0.463  1457.1
  410.0    0.40    0.38   34.84   27.97    14.9   0.466  1457.6
  430.0    0.42    0.40   34.85   27.98    14.2   0.469  1458.0
  450.0    0.43    0.41   34.85   27.98    13.8   0.472  1458.4
  470.0    0.44    0.42   34.86   27.99    13.4   0.475  1458.8
  490.0    0.44    0.41   34.86   27.99    13.2   0.478  1459.1
  510.0    0.43    0.40   34.87   28.00    12.6   0.480  1459.4
  530.0    0.41    0.39   34.87   28.00    12.4   0.483  1459.7
  550.0    0.39    0.36   34.88   28.01    12.0   0.485  1459.9
  570.0    0.38    0.35   34.88   28.01    11.8   0.488  1460.2
  590.0    0.36    0.33   34.88   28.01    11.5   0.490  1460.4
  610.0    0.33    0.30   34.88   28.01    11.2   0.492  1460.6
  630.0    0.30    0.27   34.88   28.02    10.9   0.495  1460.9
  650.0    0.28    0.25   34.88   28.02    10.7   0.497  1461.1
  670.0    0.26    0.23   34.88   28.02    10.4   0.499  1461.3
  690.0    0.24    0.21   34.88   28.02    10.3   0.501  1461.6
  710.0    0.21    0.17   34.89   28.02    10.0   0.503  1461.8
  730.0    0.18    0.15   34.89   28.03     9.7   0.505  1462.0
  750.0    0.16    0.12   34.89   28.03     9.5   0.507  1462.2
  800.0    0.10    0.06   34.89   28.03     8.9   0.512  1462.8

                                                      DEPTH        TEMP.         SALIN

                                     BOT NUM = 1        3.9                      30.26
                                     BOT NUM = 2       32.6                      30.40
                                     BOT NUM = 3      736.9        0.17          34.90
                                     BOT NUM = 4     1476.7                      34.94
                                     BOT NUM = 5     2942.2       -0.34          34.96
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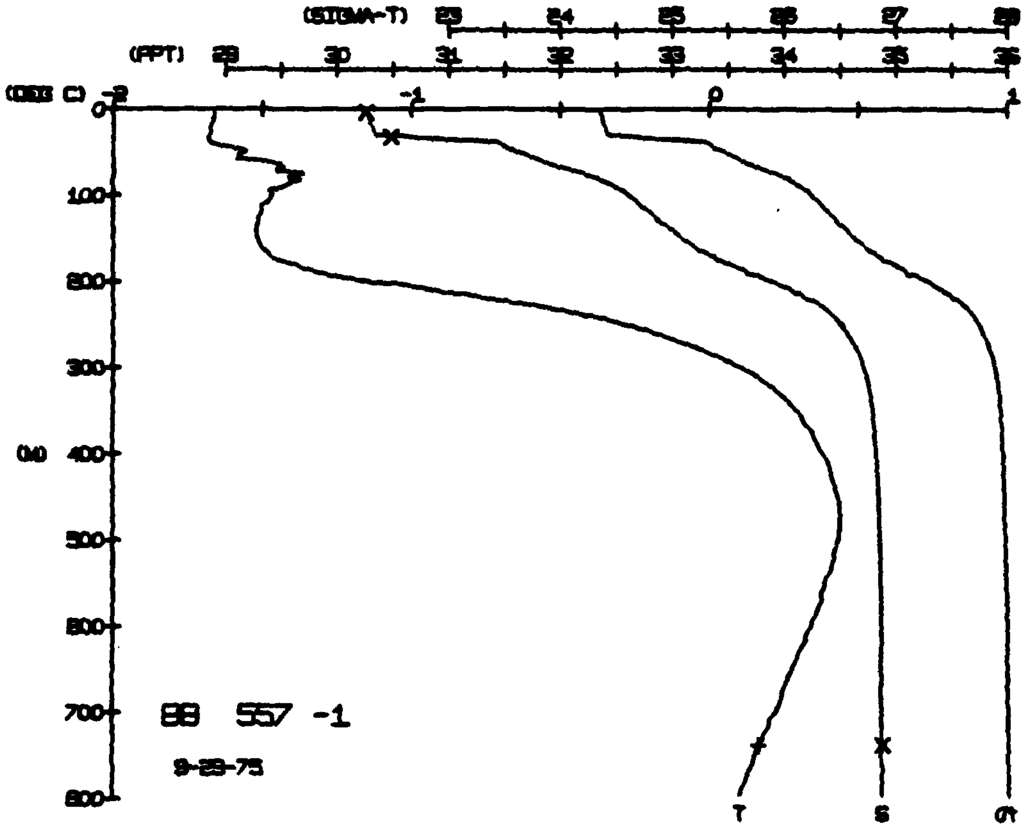
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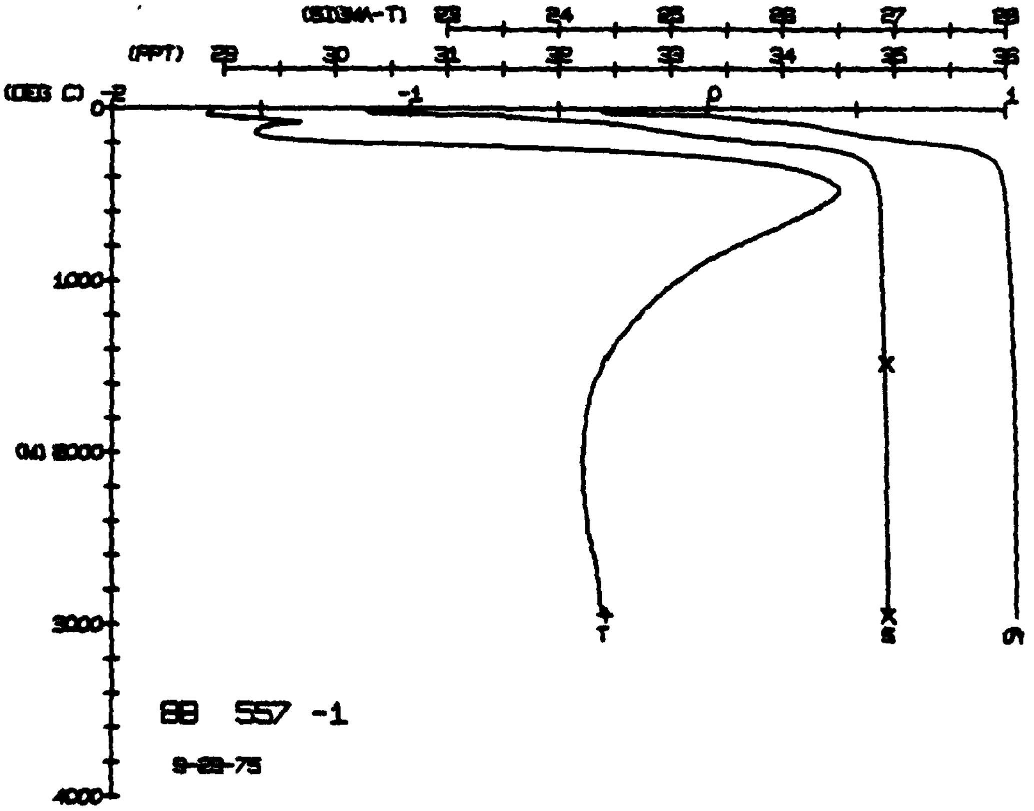
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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(M) 2000
3000
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S
σt
BB 557 -1
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BIG BEAR STATION 559(1) STD  30/SEP/1975  245 GMT  CODE = 2
LAT = 73.4794N LNG = 136.3914W LTER =   520. LGER =   506.
AIR TEMP = -12.4 BAROM = 1026.5 WIND =  60.5 SPEED =  19.0

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.65  -1.65  30.27  24.37  356.8  0.000  1434.8
   3.0  -1.65  -1.65  30.27  24.37  356.8  0.013  1435.0
   5.0  -1.65  -1.65  30.28  24.37  356.6  0.018  1435.0
  10.0  -1.65  -1.65  30.28  24.37  356.7  0.036  1435.1
  15.0  -1.65  -1.65  30.28  24.37  356.1  0.054  1435.2
  20.0  -1.64  -1.64  30.29  24.38  355.5  0.072  1435.3
  25.0  -1.64  -1.64  30.30  24.39  354.3  0.090  1435.4
  30.0  -1.61  -1.61  30.37  24.44  349.3  0.107  1435.7
  35.0  -1.52  -1.53  30.96  24.93  304.1  0.124  1437.4
  40.0  -1.52  -1.52  31.33  25.23  274.2  0.138  1437.8
  45.0  -1.52  -1.52  31.51  25.38  260.7  0.152  1438.1
  50.0  -1.54  -1.55  31.71  25.53  246.8  0.165  1438.1
  55.0  -1.55  -1.55  31.84  25.64  236.4  0.177  1438.2
  60.0  -1.55  -1.55  31.93  25.71  229.4  0.189  1438.5
  65.0  -1.51  -1.52  32.01  25.77  223.2  0.201  1438.9
  70.0  -1.49  -1.50  32.13  25.86  214.1  0.213  1439.2
  80.0  -1.36  -1.37  32.31  26.01  201.1  0.234  1440.4
  90.0  -1.41  -1.41  32.49  26.15  186.8  0.253  1440.6
 100.0  -1.44  -1.45  32.57  26.22  178.5  0.271  1440.8
 110.0  -1.48  -1.49  32.71  26.33  169.2  0.289  1440.9
 120.0  -1.50  -1.51  32.80  26.41  162.0  0.305  1441.1
 130.0  -1.51  -1.53  32.90  26.49  154.4  0.322  1441.4
 140.0  -1.51  -1.53  33.00  26.57  146.6  0.337  1441.7
 150.0  -1.51  -1.52  33.07  26.63  140.4  0.351  1442.0
 160.0  -1.50  -1.50  33.19  26.73  131.6  0.365  1442.4
 170.0  -1.47  -1.47  33.31  26.82  122.8  0.378  1442.8
 180.0  -1.42  -1.43  33.48  26.96  109.6  0.390  1443.5
 190.0  -1.31  -1.32  33.66  27.10   96.4  0.401  1444.4
 200.0  -1.15  -1.16  33.86  27.25   82.6  0.409  1445.6
 210.0  -0.94  -0.94  34.07  27.42   67.9  0.416  1447.0
 220.0  -0.79  -0.80  34.21  27.53   56.9  0.422  1448.0
 230.0  -0.58  -0.59  34.33  27.62   48.6  0.428  1449.4
 240.0  -0.43  -0.43  34.43  27.69   41.8  0.432  1450.2
 250.0  -0.31  -0.32  34.51  27.74   36.9  0.436  1451.2
 260.0  -0.22  -0.23  34.56  27.78   32.3  0.439  1451.9
 270.0  -0.13  -0.14  34.61  27.82   28.7  0.443  1452.5
 280.0  -0.05  -0.06  34.65  27.85   26.0  0.446  1453.1
 290.0   0.03   0.02  34.70  27.88   23.9  0.448  1453.7
 300.0   0.09   0.08  34.73  27.90   20.9  0.450  1454.2
 310.0   0.14   0.12  34.75  27.92   19.4  0.452  1454.6
 320.0   0.19   0.18  34.77  27.93   18.3  0.454  1455.0
 330.0   0.23   0.21  34.79  27.94   17.3  0.456  1455.4
 340.0   0.26   0.24  34.80  27.95   16.5  0.458  1455.7
 350.0   0.29   0.27  34.81  27.96   15.9  0.459  1456.0
 370.0   0.33   0.32  34.82  27.97   15.3  0.463  1456.6
 390.0   0.37   0.36  34.84  27.98   14.2  0.465  1457.1
 410.0   0.40   0.38  34.86  27.98   13.4  0.468  1457.6
 430.0   0.42   0.40  34.86  27.99   12.9  0.471  1458.0
 450.0   0.44   0.42  34.87  28.00   12.4  0.473  1458.5
 470.0   0.45   0.43  34.88  28.00   12.0  0.476  1458.9
 490.0   0.45   0.43  34.88  28.01   11.7  0.478  1459.2
 510.0   0.43   0.41  34.89  28.01   11.3  0.481  1459.5
 530.0   0.42   0.40  34.89  28.02   10.9  0.483  1459.8
 550.0   0.40   0.38  34.89  28.02   10.7  0.485  1460.0
 570.0   0.39   0.36  34.90  28.02   10.4  0.487  1460.3
 590.0   0.37   0.34  34.90  28.03   10.1  0.489  1460.5
 610.0   0.34   0.32  34.90  28.03    9.8  0.491  1460.7
 630.0   0.32   0.29  34.90  28.03    9.4  0.493  1461.0
 650.0   0.29   0.26  34.91  28.04    9.0  0.495  1461.2
 670.0   0.26   0.23  34.91  28.04    8.9  0.497  1461.4
 690.0   0.24   0.20  34.91  28.04    8.6  0.499  1461.6
 710.0   0.21   0.18  34.91  28.04    8.3  0.500  1461.8
 730.0   0.18   0.14  34.91  28.04    8.3  0.502  1462.0

                      DEPTH     TEMP.     SALIN

       BOT NUM = 1      3.9     -1.64     30.25
       BOT NUM = 2     29.9               30.32
       BOT NUM = 3    250.5     -0.32     34.49
       BOT NUM = 4    503.6      0.41     34.87
       BOT NUM = 5    732.6      0.18     34.90
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BIG BEAR STATION 561(1) STD  30/SEP/1975 1648 GMT  CODE = 2
LAT = 73.5050N LNG = 136.5618W LTER =     2. LGER =     4.
AIR TEMP = -14.4 BAROM = 1023.0 WIND =  84.1 SPEED =  49.0

DEPTH   TEMP  PTEMP  SALIN  SIG T  SPVOL  DYNHT  SOUND

   0.0  -1.65  -1.65  30.25  24.35  358.6  0.000  1434.9
   5.0  -1.65  -1.65  30.25  24.35  358.5  0.018  1434.9
   7.9  -1.65  -1.65  30.25  24.35  358.5  0.029  1435.0
  10.0  -1.65  -1.65  30.25  24.35  358.5  0.036  1435.0
  15.0  -1.65  -1.65  30.25  24.35  358.3  0.054  1435.1
  20.0  -1.65  -1.65  30.27  24.37  356.6  0.072  1435.2
  25.0  -1.63  -1.63  30.30  24.39  354.2  0.090  1435.4
  30.0  -1.48  -1.48  30.73  24.87  306.6  0.107  1437.1
  35.0  -1.48  -1.48  31.10  25.03  293.3  0.122  1437.4
  40.0  -1.48  -1.48  31.27  25.17  280.0  0.136  1437.8
  45.0  -1.47  -1.48  31.42  25.29  268.8  0.150  1438.1
  50.0  -1.45  -1.45  31.56  25.41  257.5  0.163  1438.5
  55.0  -1.45  -1.46  31.70  25.52  246.6  0.176  1438.7
  60.0  -1.44  -1.45  31.85  25.64  235.5  0.188  1439.1
  65.0  -1.41  -1.42  31.98  25.74  225.7  0.200  1439.5
  70.0  -1.35  -1.35  32.13  25.86  213.9  0.211  1440.1
  80.0  -1.36  -1.36  32.34  26.03  198.1  0.232  1440.5
  90.0  -1.41  -1.41  32.47  26.14  187.6  0.251  1440.6
 100.0  -1.44  -1.45  32.59  26.24  178.4  0.270  1440.8
 110.0  -1.49  -1.49  32.67  26.31  171.6  0.287  1440.8
 120.0  -1.51  -1.52  32.77  26.38  164.3  0.304  1441.0
 130.0  -1.52  -1.53  32.86  26.46  157.2  0.320  1441.3
 140.0  -1.52  -1.53  32.96  26.54  149.5  0.336  1441.6
 150.0  -1.52  -1.53  33.05  26.61  142.0  0.351  1441.9
 160.0  -1.51  -1.52  33.19  26.72  131.8  0.364  1442.3
 170.0  -1.48  -1.48  33.32  26.83  122.0  0.377  1442.8
 180.0  -1.42  -1.43  33.47  26.95  110.7  0.389  1443.4
 190.0  -1.31  -1.32  33.65  27.09   96.7  0.399  1444.4
 200.0  -1.19  -1.19  33.84  27.24   82.8  0.408  1445.4
 210.0  -0.97  -0.98  34.05  27.40   67.5  0.416  1446.9
 220.0  -0.73  -0.74  34.23  27.54   55.0  0.422  1448.4
 230.0  -0.58  -0.59  34.33  27.61   48.2  0.427  1449.4
 240.0  -0.49  -0.51  34.43  27.69   41.8  0.432  1450.5
 250.0  -0.31  -0.32  34.50  27.74   36.2  0.436  1451.2
 260.0  -0.21  -0.22  34.56  27.78   32.3  0.439  1451.9
 270.0  -0.13  -0.14  34.60  27.81   29.2  0.442  1452.5
 280.0  -0.05  -0.07  34.65  27.85   26.3  0.445  1453.1
 290.0   0.01   0.00  34.68  27.87   24.1  0.448  1453.6
 300.0   0.07   0.06  34.71  27.89   22.3  0.450  1454.1
 310.0   0.13   0.12  34.73  27.90   21.0  0.452  1454.5
 320.0   0.17   0.15  34.75  27.92   19.8  0.454  1454.9
 330.0   0.20   0.19  34.77  27.93   18.8  0.456  1455.3
 340.0   0.24   0.23  34.78  27.94   17.9  0.458  1455.6
 350.0   0.27   0.26  34.79  27.95   17.2  0.460  1456.0
 370.0   0.33   0.32  34.82  27.96   15.8  0.463  1456.6
 390.0   0.37   0.36  34.83  27.97   15.1  0.466  1457.1
 410.0   0.40   0.38  34.84  27.98   14.3  0.469  1457.6
 430.0   0.42   0.40  34.85  27.99   13.7  0.472  1458.0
 450.0   0.43   0.41  34.86  27.99   13.3  0.475  1458.4
 470.0   0.44   0.42  34.87  27.99   13.0  0.478  1458.8
 490.0   0.44   0.42  34.87  28.00   12.7  0.480  1459.1
 510.0   0.43   0.40  34.87  28.00   12.3  0.483  1459.4
 530.0   0.41   0.39  34.88  28.00   12.1  0.485  1459.7
 550.0   0.40   0.38  34.88  28.01   11.7  0.488  1460.0
 570.0   0.39   0.36  34.88  28.01   11.6  0.490  1460.2
 590.0   0.36   0.33  34.89  28.01   11.1  0.492  1460.4
 610.0   0.33   0.30  34.89  28.02   10.8  0.494  1460.7
 630.0   0.31   0.28  34.89  28.02   10.4  0.496  1460.9
 650.0   0.28   0.25  34.89  28.02   10.1  0.499  1461.1
 670.0   0.25   0.22  34.89  28.03    9.8  0.501  1461.3
 690.0   0.23   0.20  34.89  28.03    9.6  0.503  1461.5
 710.0   0.20   0.17  34.89  28.03    9.3  0.504  1461.7
 727.3   0.18   0.15  34.90  28.03    9.1  0.506  1461.9

                      DEPTH     TEMP.     SALIN

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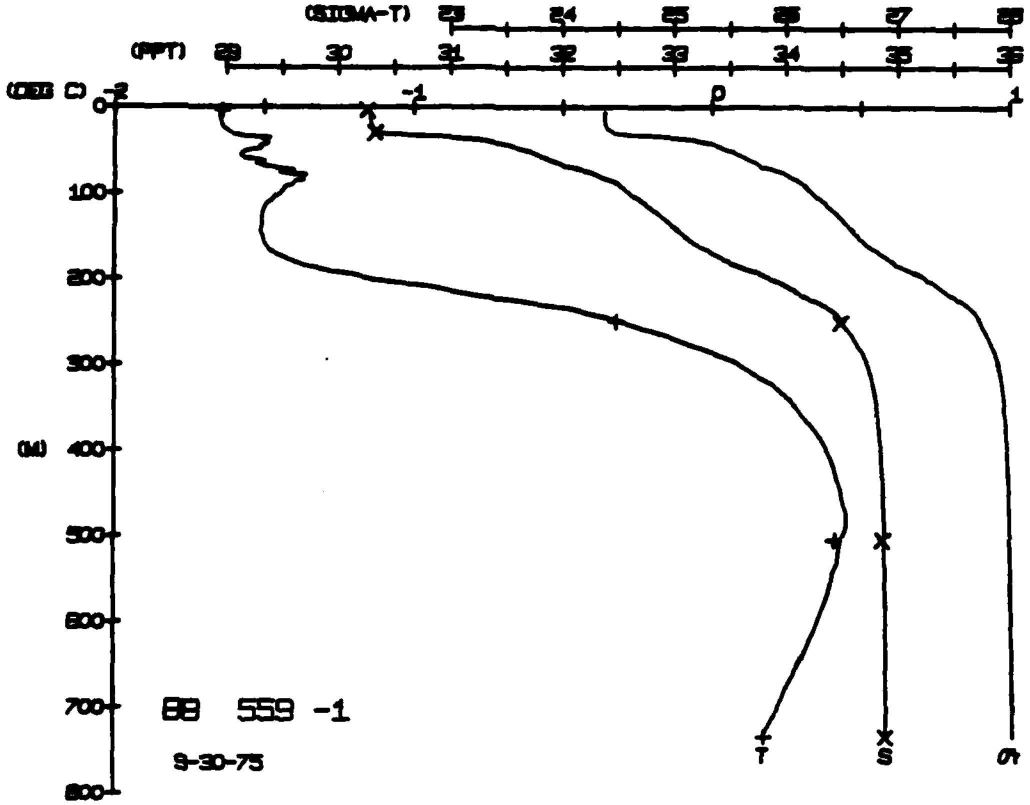
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1
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200
300
(M) 400
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800
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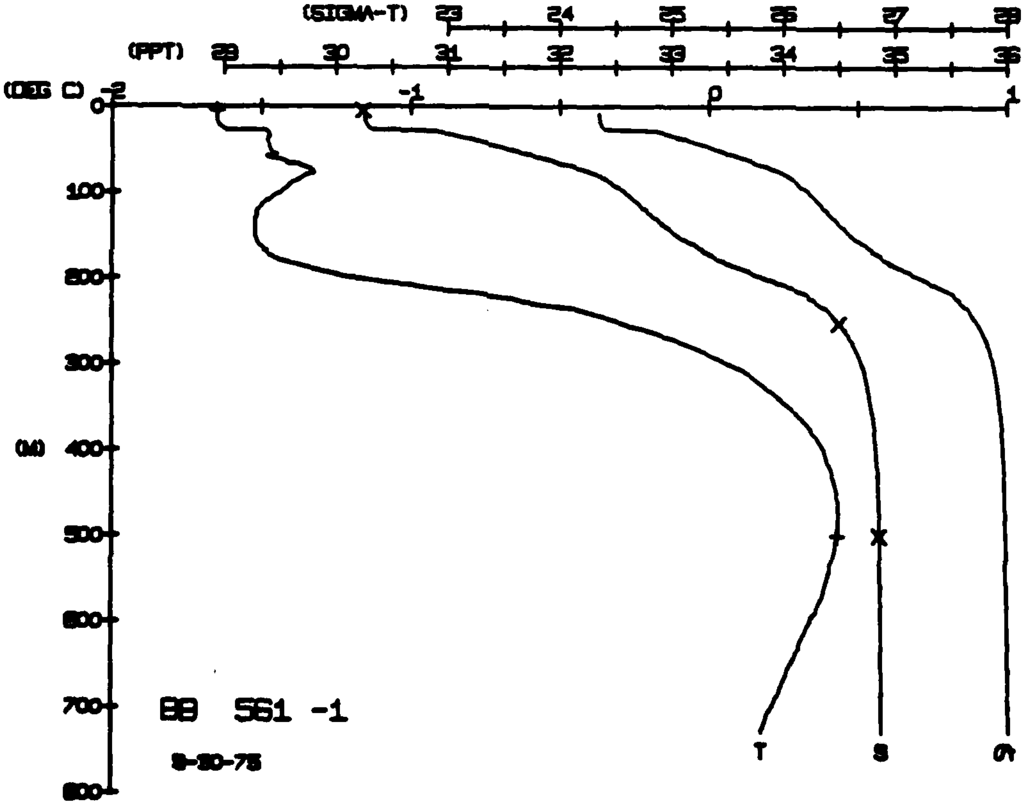
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500
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700
800
BB 561 -1
9-30-75
T
S
σt

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LAT = 73.5104N LNG = 136.7146W LTER =     1. LGER =      2.
AIR TEMP =   0.0 BAROM =          WIND =   0.0 SPEED =   0.0

 DEPTH    TEMP   PTEMP   SALIN   SIG T   SPVOL   DYNHT   SOUND

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   3.0   -1.64   -1.64   30.23   24.33   360.2   0.018  1434.9
   7.0   -1.64   -1.64   30.23   24.33   360.1   0.025  1435.0
  10.0   -1.64   -1.64   30.23   24.33   359.9   0.036  1435.0
  15.0   -1.64   -1.64   30.23   24.34   359.7   0.054  1435.1
  20.0   -1.64   -1.64   30.26   24.35   357.4   0.072  1435.3
  25.0   -1.62   -1.62   30.78   24.74   322.4   0.087  1436.4
  30.0   -1.47   -1.47   31.29   25.12   285.2   0.104  1437.5
  35.0   -1.48   -1.49   31.37   25.25   272.2   0.117  1437.9
  40.0   -1.48   -1.48   31.59   25.36   262.1   0.131  1438.1
  45.0   -1.47   -1.47   31.67   25.49   249.3   0.144  1438.3
  50.0   -1.44   -1.44   31.84   25.63   236.4   0.156  1438.9
  55.0   -1.40   -1.40   31.93   25.79   229.2   0.168  1439.3
  60.0   -1.36   -1.36   32.07   25.77   222.7   0.180  1439.7
  65.0   -1.33   -1.33   32.18   25.90   219.2   0.191  1440.2
  70.0   -1.37   -1.37   32.25   25.96   204.6   0.201  1440.4
  80.0   -1.37   -1.37   32.40   26.09   193.5   0.221  1440.5
  90.0   -1.42   -1.42   32.47   26.14   187.9   0.240  1440.6
 100.0   -1.46   -1.47   32.54   26.20   182.2   0.259  1440.6
 110.0   -1.52   -1.52   32.61   26.25   176.0   0.277  1440.6
 120.0   -1.51   -1.51   32.67   26.30   171.7   0.295  1440.9
 130.0   -1.55   -1.55   32.76   26.38   164.6   0.312  1440.9
 140.0   -1.55   -1.55   32.89   26.48   155.0   0.328  1441.3
 150.0   -1.52   -1.52   33.01   26.58   145.2   0.343  1441.9
 160.0   -1.51   -1.51   33.12   26.68   137.2   0.357  1442.7
 170.0   -1.48   -1.49   33.29   26.78   126.4   0.370  1443.2
 180.0   -1.40   -1.40   33.47   26.95   110.4   0.383  1443.7
 190.0   -1.26   -1.27   33.70   27.13    93.9   0.393  1444.7
 200.0   -1.10   -1.10   33.93   27.30    77.1   0.401  1445.9
 210.0   -0.90   -0.90   34.13   27.46    62.1   0.408  1447.3
 220.0   -0.64   -0.65   34.29   27.59    50.4   0.414  1448.9
 230.0   -0.46   -0.47   34.40   27.66    43.2   0.419  1450.0
 240.0   -0.35   -0.36   34.46   27.71    39.2   0.423  1450.8
 250.0   -0.26   -0.27   34.50   27.74    36.3   0.427  1451.4
 260.0   -0.10   -0.11   34.57   27.77    33.4   0.430  1452.1
 270.0   -0.09   -0.10   34.62   27.82    28.3   0.433  1452.7
 280.0   -0.03   -0.04   34.68   27.85    25.9   0.436  1453.2
 290.0    0.03    0.02   34.68   27.87    24.3   0.438  1453.7
 300.0    0.09    0.08   34.71   27.89    22.3   0.441  1454.2
 310.0    0.15    0.13   34.73   27.90    21.1   0.443  1454.6
 320.0    0.19    0.17   34.75   27.92    19.9   0.445  1455.0
 330.0    0.23    0.22   34.77   27.93    18.9   0.447  1455.4
 340.0    0.27    0.26   34.78   27.94    18.0   0.449  1455.9
 350.0    0.30    0.29   34.79   27.94    17.4   0.451  1456.1
 370.0    0.34    0.32   34.81   27.95    16.5   0.454  1456.9
 390.0    0.38    0.36   34.82   27.96    15.8   0.457  1457.3
 410.0    0.40    0.39   34.84   27.97    15.0   0.460  1457.6
 430.0    0.43    0.41   34.85   27.98    14.4   0.463  1458.0
 450.0    0.44    0.42   34.86   27.99    13.8   0.466  1458.5
 470.0    0.45    0.42   34.86   27.99    13.6   0.469  1458.8
 490.0    0.43    0.41   34.86   27.99    13.2   0.472  1459.1
 510.0    0.43    0.41   34.87   28.00    12.9   0.474  1459.4
 530.0    0.42    0.39   34.87   28.00    12.4   0.477  1459.7
 550.0    0.40    0.37   34.87   28.00    12.1   0.479  1459.9
 570.0    0.38    0.35   34.88   28.01    11.9   0.482  1460.2
 590.0    0.36    0.33   34.88   28.01    11.7   0.484  1460.4
 610.0    0.33    0.31   34.88   28.01    11.3   0.486  1460.7
 630.0    0.31    0.28   34.88   28.02    10.9   0.489  1460.9
 650.0    0.28    0.25   34.88   28.02    10.7   0.491  1461.1
 670.0    0.25    0.22   34.89   28.02    10.4   0.493  1461.3
 690.0    0.23    0.20   34.89   28.02    10.2   0.495  1461.5
 710.0    0.22    0.19   34.89   28.02    10.0   0.497  1461.8

                          DEPTH       TEMP.       SALIN

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        BOT NUM = 3       490.6        0.41
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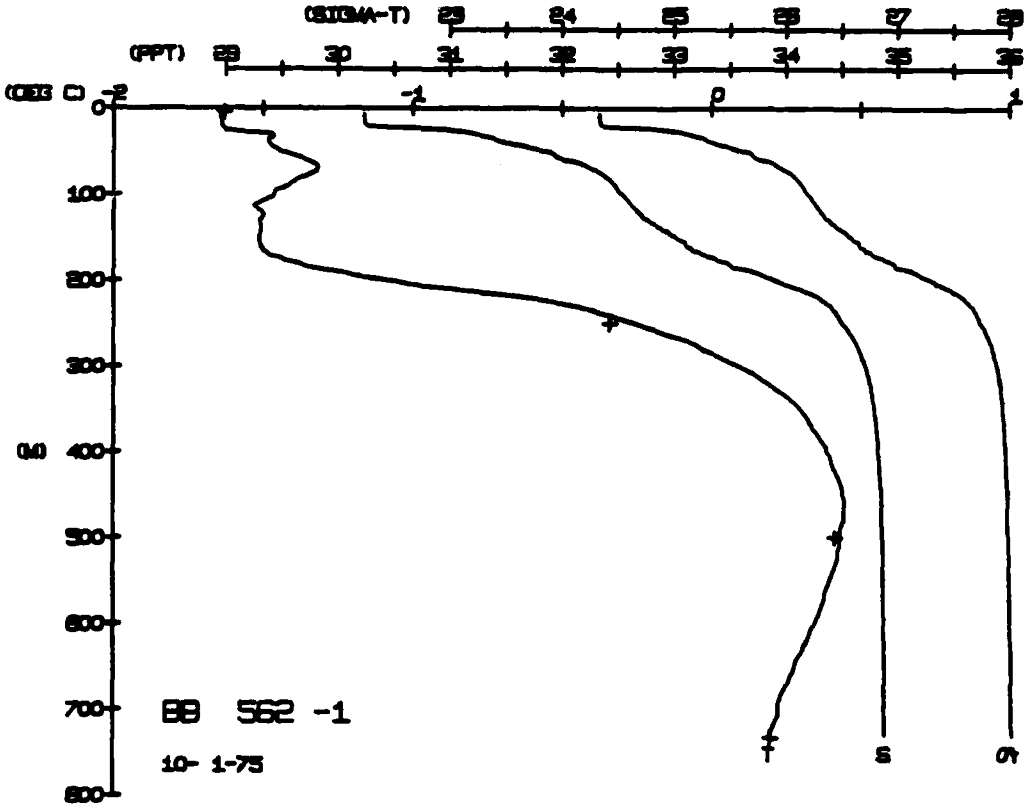
(SIGMA-T)
23
24
25
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27
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(PPT)
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31
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(DEG C)
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18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

AIDJEX, Arctic Ocean, mesoscale eddies, mixed layer, Beaufort Sea, step structure, supercooled water, STD measurements

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

A total of 1391 STD (CTD) stations were taken from four manned drifting ice camps in the Arctic Ocean during the Arctic Ice Dynamics Joint Experiment (AIDJEX) from April 1975 to April 1976. Profiles were taken at least one a day from the surface to 750 m at all camps and weekly casts to 3000 meters were taken at the main camp. Between casts all stations ran time series by holding the sensor at a fixed depth within the pycnocline; however,

these data are not discussed. Plessey Model 9040 STD units were used at all camps and data were simultaneously recorded digitally on magnetic tape and graphically on analog charts.

The profile data from the digital tapes were smoothed using a running average. The differing response times of the temperature and salinity sensors were corrected for thermal lag by varying a lag correction until one value gave nearly congruent traces on a T-S diagram for the descending and ascending parts of the cast. A salinity drift which occurred when the sensors were stopped for bottle sampling was also taken into account during data reduction.

Whenever the digital data logging (DDL) system failed to work properly, manually digitized analog traces provided data backup. These profiles, however, are not considered to be as accurate as those processed from tape.

Static calibration of the temperature, salinity, and depth sensors was provided by bottle and reversing thermometer data. Least squares, best-fit polynomials, whose dependent parameters were temperature (T) and depth (D), converted the observed data to final data. Preliminary data analysis has revealed unique features of the temperature and salinity structure in the Beaufort Sea. One of these features is a wintertime upper mixed layer between 25 and 60 m produced by brine convection beneath the freezing ice sheet. This layer changes from neutral to stable stratification in the summer when fresh water from melting snow and ice flows beneath the ice. Another feature is the step structure in both temperature and salinity at depths between 250 and 400 m. Individual steps are about 3 m in height. In this part of the Arctic Ocean there are mesoscale baroclinic eddies with unique temperature and salinity, as well as velocity signatures. These eddies are mostly found within the range of 50 to 400 meters. Deeper anomalies are observed to a depth of 700 meters, but because of the depth limitation of the STD, little is known about their lower structure.

This report pertains to the STD (CTD) data taken at the manned Camp Big Bear. The STD data associated with the other three manned camps are in separate volumes (Bauer, et al, 1980). Profiling current meter (PCM) data to a maximum depth of 200 meters were taken concurrently at the four camps and are separately reported by Manley et al, 1980.

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